

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
 Data File : VX046565.D
 Acq On : 07 Jun 2025 08:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/09/2025
 Supervised By : Semsettin Yesilyurt 06/09/2025

Quant Time: Jun 07 08:26:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.568	168	82737	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	152075	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	138145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	74567	50.658	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.320%			
35) Dibromofluoromethane	5.403	113	56299	50.341	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.680%			
50) Toluene-d8	8.653	98	180956	49.078	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.160%			
62) 4-Bromofluorobenzene	11.079	95	77819	51.012	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	59100	51.452	ug/l	98
3) Chloromethane	1.306	50	57394	54.895	ug/l	99
4) Vinyl Chloride	1.386	62	58321	55.958	ug/l	99
5) Bromomethane	1.623	94	33982	53.708	ug/l	97
6) Chloroethane	1.703	64	35550	52.572	ug/l	100
7) Trichlorofluoromethane	1.904	101	93197	54.046	ug/l	99
8) Diethyl Ether	2.148	74	32417	53.205	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.349	101	55106	50.722	ug/l	97
10) Methyl Iodide	2.471	142	72113	61.231	ug/l	99
11) Tert butyl alcohol	2.965	59	38178	233.741	ug/l	99
12) 1,1-Dichloroethene	2.337	96	53331	54.293	ug/l	98
13) Acrolein	2.251	56	43478	223.682	ug/l	99
14) Allyl chloride	2.684	41	98558	51.088	ug/l	94
15) Acrylonitrile	3.074	53	160596	260.049	ug/l	99
16) Acetone	2.392	43	139574	241.622	ug/l	98
17) Carbon Disulfide	2.532	76	128149	61.396	ug/l	100
18) Methyl Acetate	2.715	43	110203	62.854	ug/l	99
19) Methyl tert-butyl Ether	3.129	73	196267	57.102	ug/l	97
20) Methylene Chloride	2.806	84	61387	51.983	ug/l	96
21) trans-1,2-Dichloroethene	3.111	96	55765	53.644	ug/l	99
22) Diisopropyl ether	3.776	45	214803	56.476	ug/l #	78
23) Vinyl Acetate	3.739	43	803753	273.715	ug/l	100
24) 1,1-Dichloroethane	3.629	63	116488	54.953	ug/l	98
25) 2-Butanone	4.568	43	204498	249.564	ug/l	99
26) 2,2-Dichloropropane	4.495	77	38889	24.713	ug/l	92
27) cis-1,2-Dichloroethene	4.501	96	67843	53.015	ug/l	93
28) Bromochloromethane	4.916	49	52263	51.692	ug/l	98
29) Tetrahydrofuran	5.013	42	132208	255.479	ug/l	99
30) Chloroform	5.111	83	119280	53.704	ug/l	96
31) Cyclohexane	5.489	56	96995	56.680	ug/l	97
32) 1,1,1-Trichloroethane	5.397	97	104532	55.020	ug/l	97
36) 1,1-Dichloropropene	5.708	75	78246	48.981	ug/l	99
37) Ethyl Acetate	4.727	43	80338	51.527	ug/l	98
38) Carbon Tetrachloride	5.696	117	89692	50.127	ug/l	99
39) Methylcyclohexane	7.385	83	92914	49.276	ug/l	96
40) Benzene	6.050	78	234272	52.093	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	50412	52.067	ug/l	96
42) 1,2-Dichloroethane	6.098	62	95581	51.087	ug/l	98
43) Isopropyl Acetate	6.348	43	139451	51.305	ug/l	100
44) Trichloroethene	7.135	130	57024	49.904	ug/l	97
45) 1,2-Dichloropropane	7.433	63	60279	51.929	ug/l	97
46) Dibromomethane	7.586	93	44175	50.586	ug/l	97
47) Bromodichloromethane	7.824	83	93799	52.239	ug/l	99
48) Methyl methacrylate	7.696	41	72955	52.167	ug/l	96
49) 1,4-Dioxane	7.659	88	16767	896.548	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	427685	247.610	ug/l	99
52) Toluene	8.720	92	143660	51.996	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	77662	48.240	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	85536	47.786	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	56014	50.502	ug/l	96
56) Ethyl methacrylate	9.116	69	93070	54.528	ug/l	97
57) 1,3-Dichloropropane	9.311	76	101099	51.579	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	228237	245.495	ug/l	99
59) 2-Hexanone	9.433	43	305360	246.505	ug/l	98
60) Dibromochloromethane	9.525	129	66983	51.341	ug/l	99
61) 1,2-Dibromoethane	9.610	107	58456	50.576	ug/l	97
64) Tetrachloroethene	9.275	164	45433	49.182	ug/l	97
65) Chlorobenzene	10.079	112	159285	49.026	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	54878	49.985	ug/l	97
67) Ethyl Benzene	10.195	91	285004	50.248	ug/l	98
68) m/p-Xylenes	10.299	106	208696	101.431	ug/l	100
69) o-Xylene	10.640	106	101642	51.073	ug/l	99
70) Styrene	10.652	104	175957	51.651	ug/l	99
71) Bromoform	10.799	173	41857	50.000	ug/l #	99
73) Isopropylbenzene	10.963	105	272421	49.579	ug/l	100
74) N-amyl acetate	10.841	43	119880	49.543	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	83277	47.350	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	68821m	46.484	ug/l	
77) Bromobenzene	11.195	156	62259	48.817	ug/l	99
78) n-propylbenzene	11.305	91	319146	47.988	ug/l	99
79) 2-Chlorotoluene	11.366	91	193617	48.278	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	225847	49.325	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	19731	38.443	ug/l	95
82) 4-Chlorotoluene	11.451	91	225276	47.390	ug/l	98
83) tert-Butylbenzene	11.713	119	226743	48.646	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	226502	48.899	ug/l	100
85) sec-Butylbenzene	11.890	105	286001	47.753	ug/l	100
86) p-Isopropyltoluene	12.006	119	235997	47.267	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	117137	47.298	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	116897	45.552	ug/l	99
89) n-Butylbenzene	12.329	91	219412	44.749	ug/l	99
90) Hexachloroethane	12.536	117	41846	47.155	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	115371	48.261	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18449	46.844	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	73888	45.309	ug/l	100
94) Hexachlorobutadiene	13.725	225	31295	41.294	ug/l	98
95) Naphthalene	13.774	128	257478	49.788	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	75248	46.018	ug/l	99

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ClientSampleId :
VSTDCCC050EC

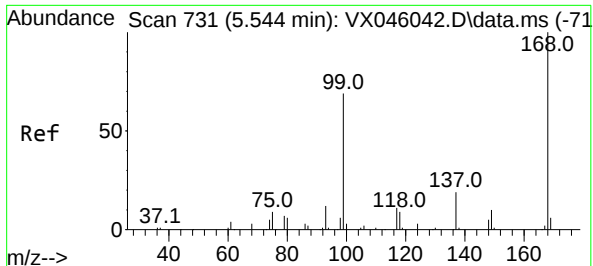
Manual Integrations
APPROVED

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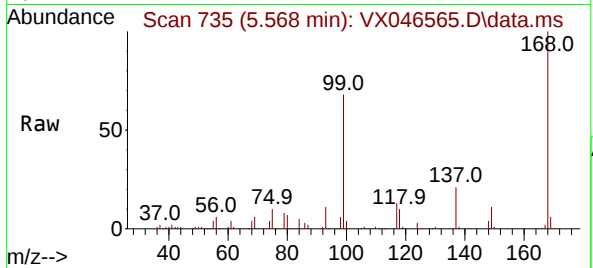
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.000 min
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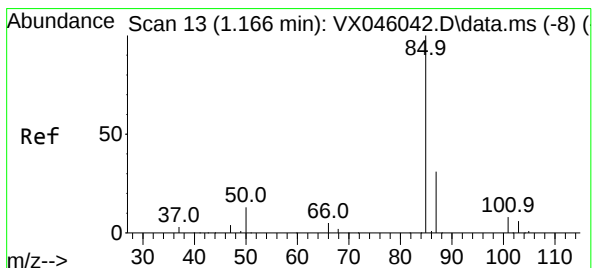
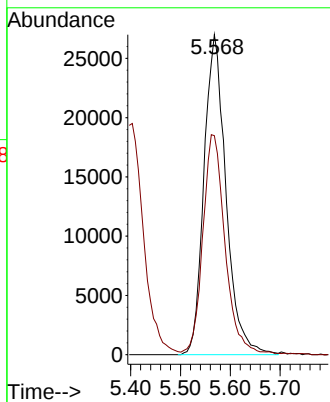
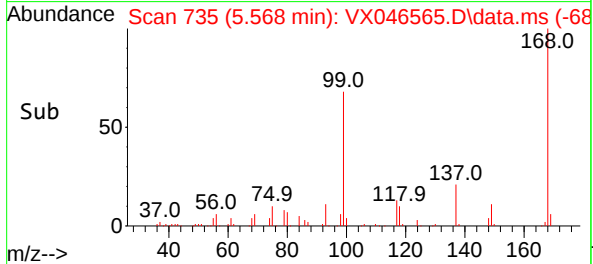
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:168 Resp: 8273
Ion Ratio Lower Upper
168 100
99 68.0 54.9 82.3

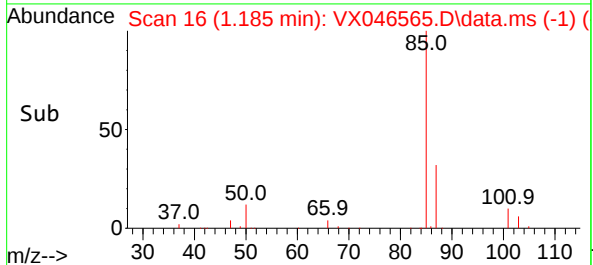
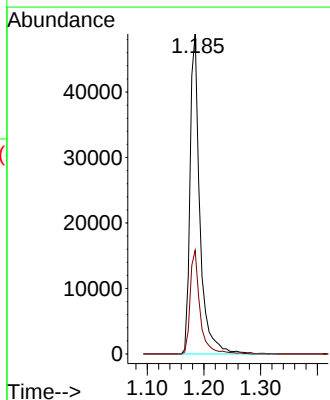
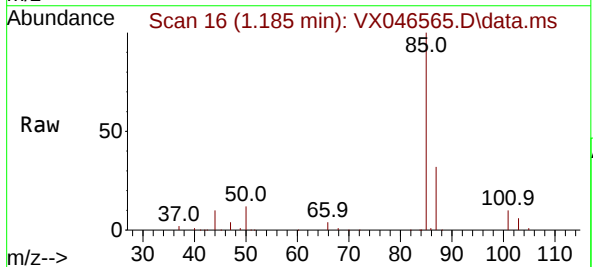
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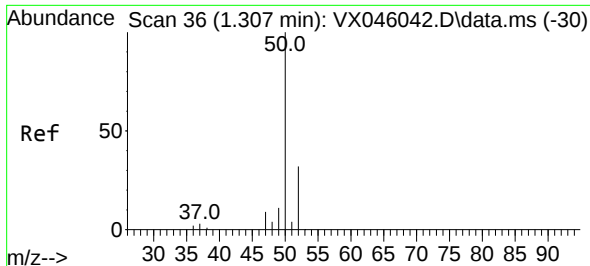
Reviewed By :John Carlone 06/09/2025
Supervised By :Semsettin Yesilyurt 06/09/2025



#2
Dichlorodifluoromethane
Concen: 51.452 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

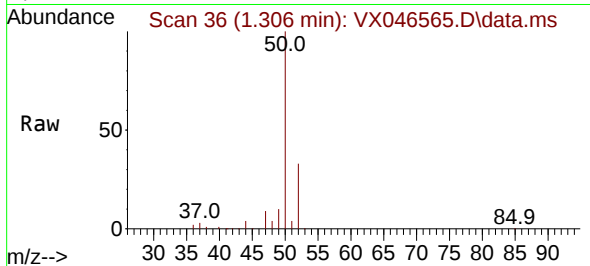
Tgt Ion: 85 Resp: 59100
Ion Ratio Lower Upper
85 100
87 32.4 15.7 47.1





#3
Chloromethane
Concen: 54.895 ug/l
RT: 1.306 min Scan# 30
Delta R.T. -0.001 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

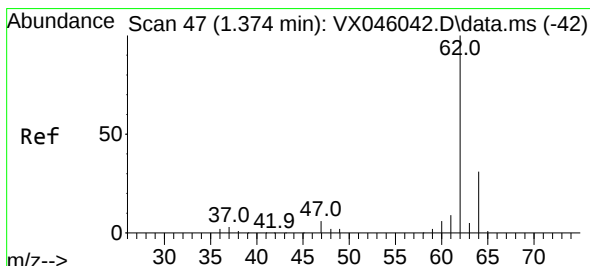
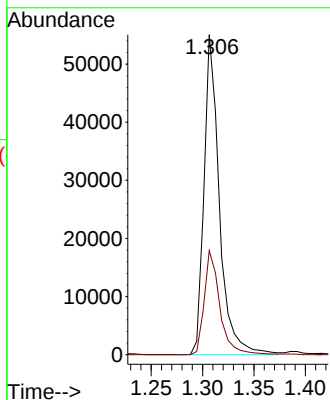
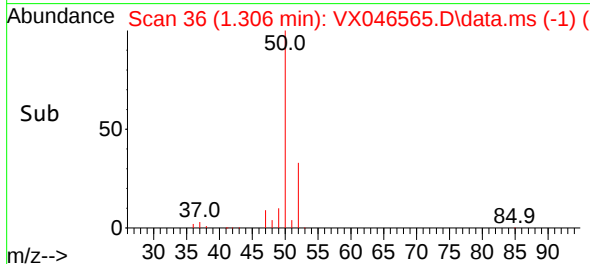
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Tgt Ion: 50 Resp: 57394
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.2

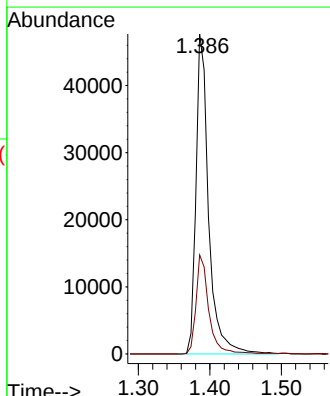
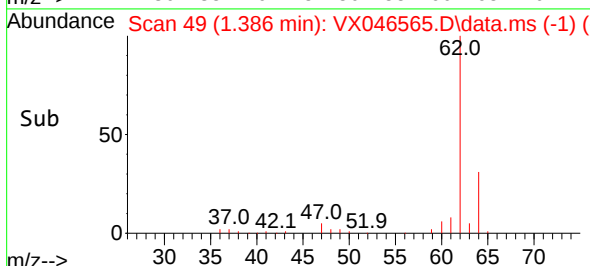
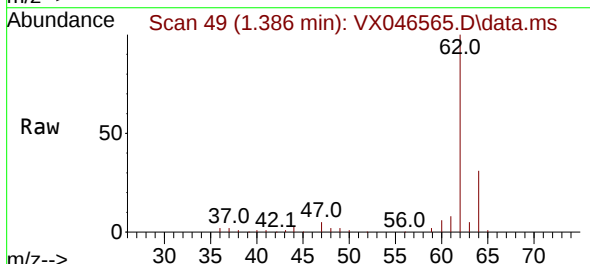
Manual Integrations
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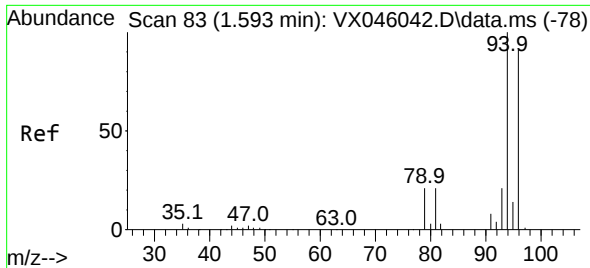
Reviewed By :John Carlone 06/09/2025
Supervised By :Semsettin Yesilyurt 06/09/2025



#4
Vinyl Chloride
Concen: 55.958 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

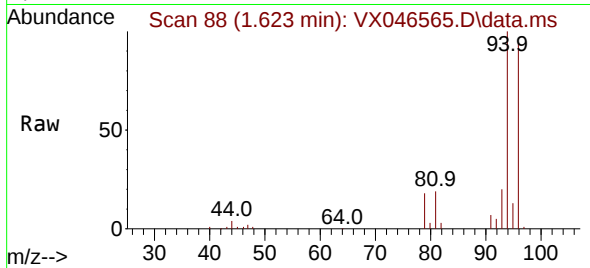
Tgt Ion: 62 Resp: 58321
Ion Ratio Lower Upper
62 100
64 31.0 25.2 37.8





#5
Bromomethane
Concen: 53.708 ug/l
RT: 1.623 min Scan# 81
Delta R.T. -0.001 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

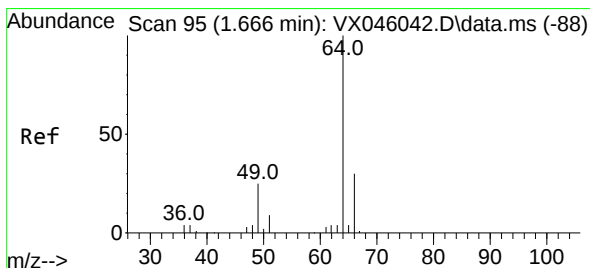
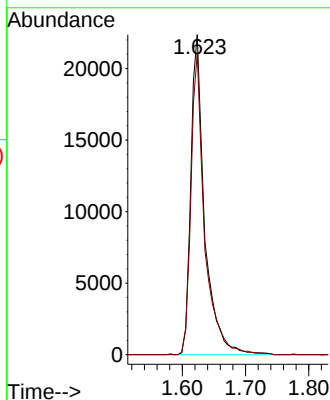
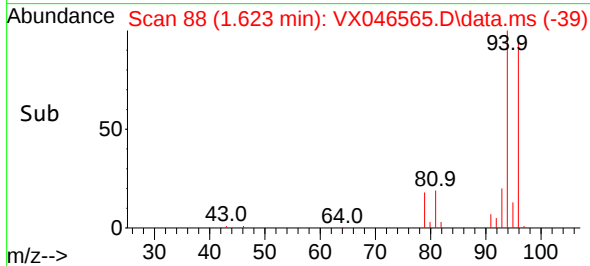
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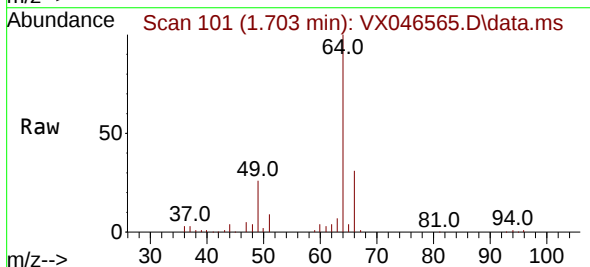
Tgt Ion: 94 Resp: 3398
Ion Ratio Lower Upper
94 100
96 94.2 72.8 109.2

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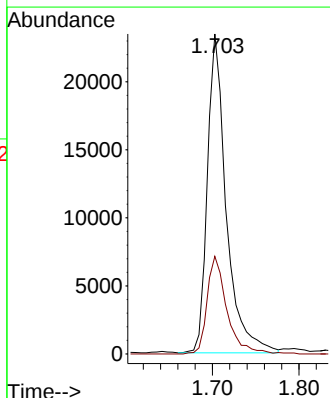
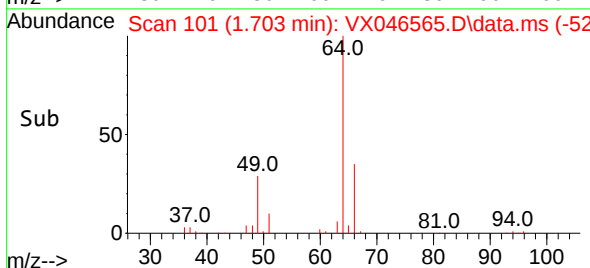
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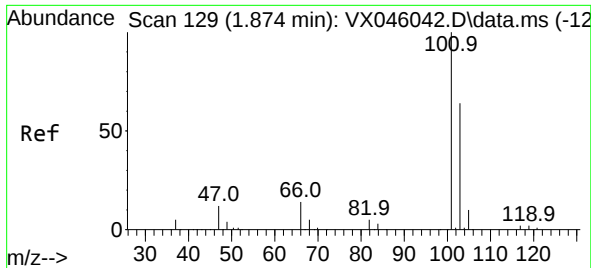


#6
Chloroethane
Concen: 52.572 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046565.D
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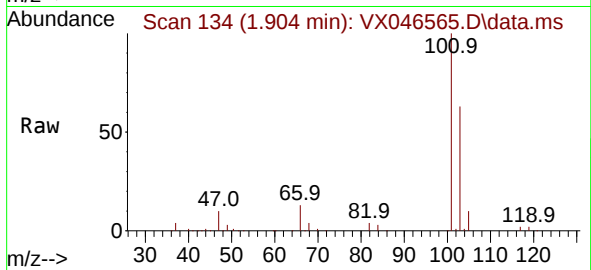
Tgt Ion: 64 Resp: 35550
Ion Ratio Lower Upper
64 100
66 30.6 24.3 36.5





#7
 Trichlorofluoromethane
 Concen: 54.046 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046565.D
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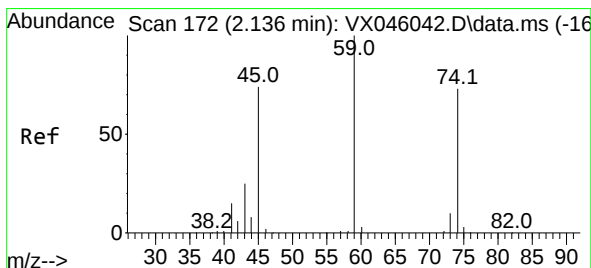
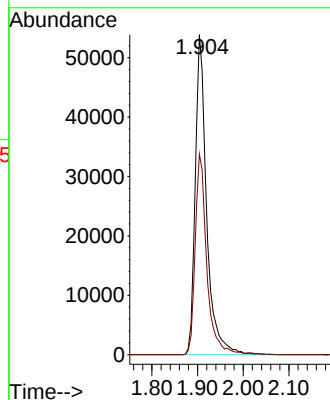
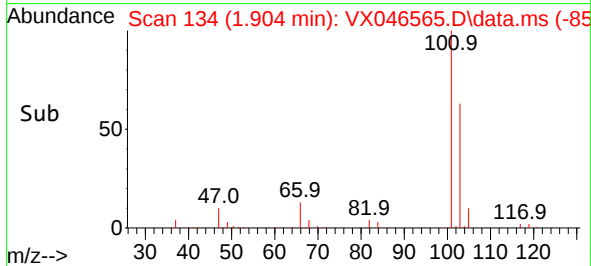
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Tgt Ion:101 Resp: 9319
 Ion Ratio Lower Upper
 101 100
 103 62.7 51.0 76.4

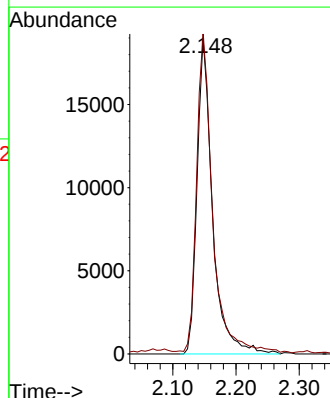
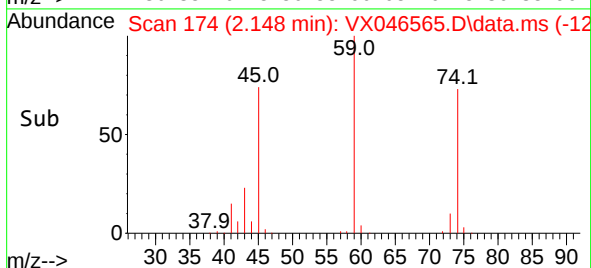
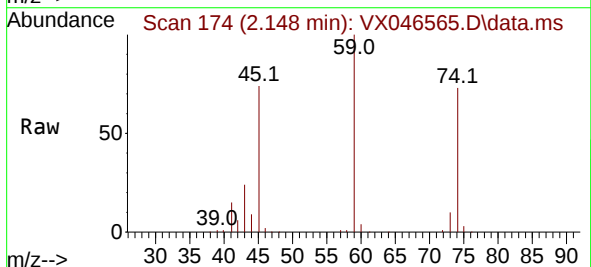
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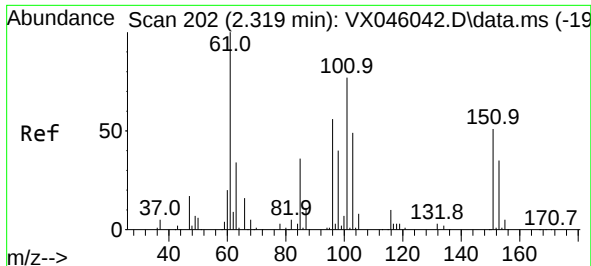
Reviewed By :John Carlone 06/09/2025
 Supervised By :Semsettin Yesilyurt 06/09/2025



#8
 Diethyl Ether
 Concen: 53.205 ug/l
 RT: 2.148 min Scan# 174
 Delta R.T. -0.006 min
 Lab File: VX046565.D
 Acq: 07 Jun 2025 08:06

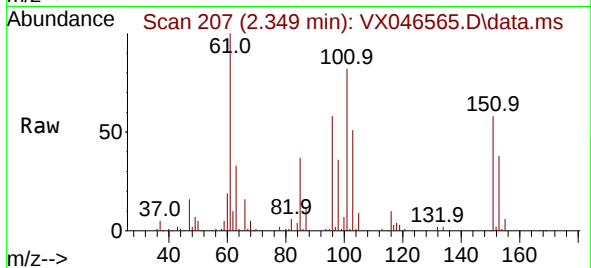
Tgt Ion: 74 Resp: 32417
 Ion Ratio Lower Upper
 74 100
 45 104.4 54.9 164.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.722 ug/l
RT: 2.349 min Scan# 207
Delta R.T. -0.000 min
Lab File: VX046565.D
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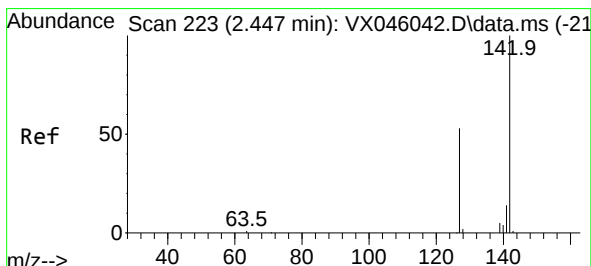
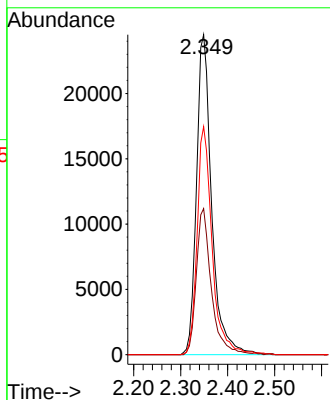
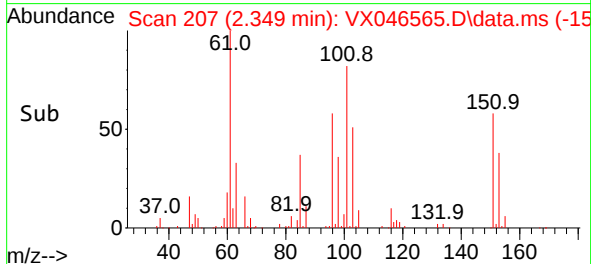
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 55100
Ion Ratio Lower Upper
101 100
85 45.3 38.6 58.0
151 70.7 55.2 82.8

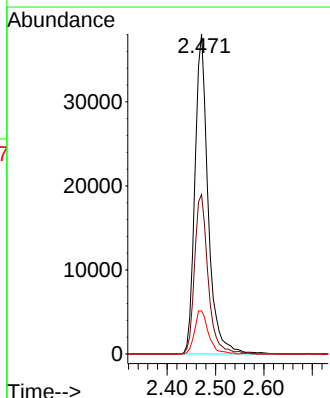
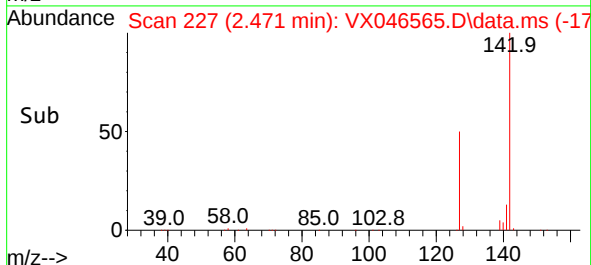
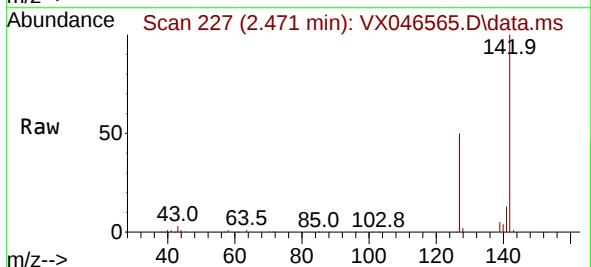
Manual Integrations
APPROVED

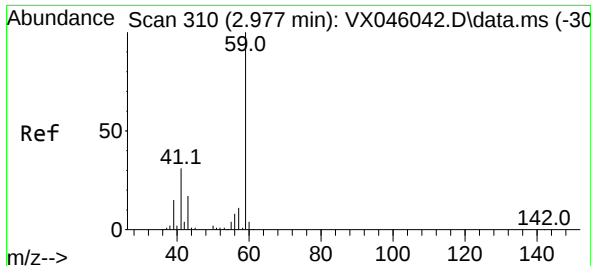
Reviewed By :John Carlone 06/09/2025
Supervised By :Semsettin Yesilyurt 06/09/2025



#10
Methyl Iodide
Concen: 61.231 ug/l
RT: 2.471 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

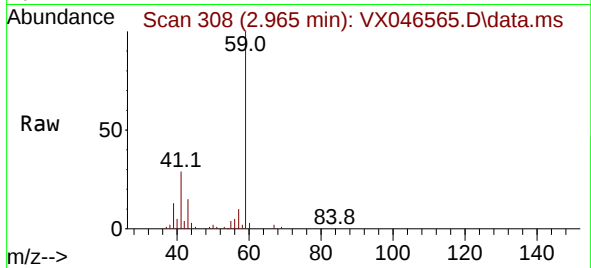
Tgt Ion:142 Resp: 72113
Ion Ratio Lower Upper
142 100
127 51.2 41.7 62.5
141 14.2 11.5 17.3





#11
Tert butyl alcohol
Concen: 233.741 ug/l
RT: 2.965 min Scan# 30
Delta R.T. -0.006 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

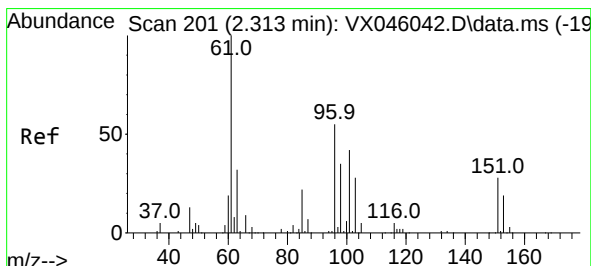
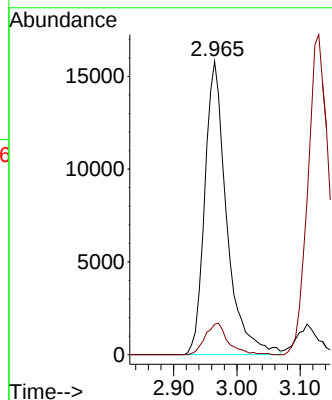
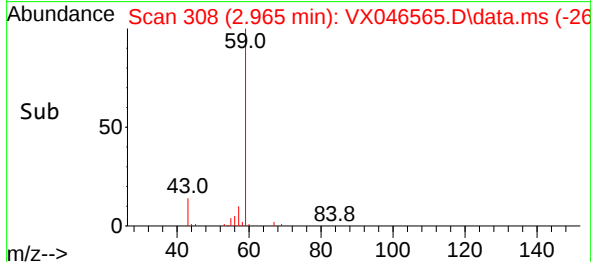
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 38178
Ion Ratio Lower Upper
59 100
57 11.2 8.6 12.8

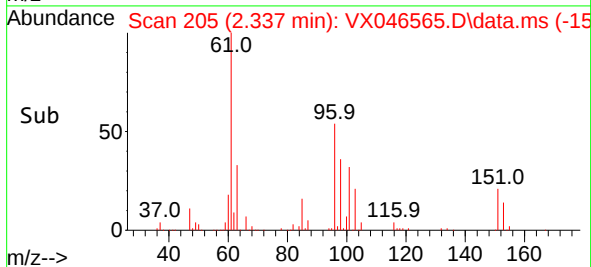
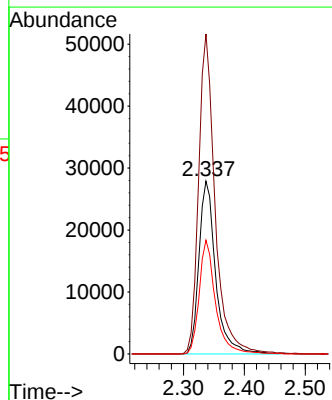
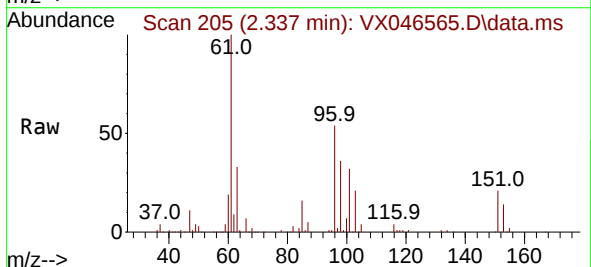
Manual Integrations
APPROVED

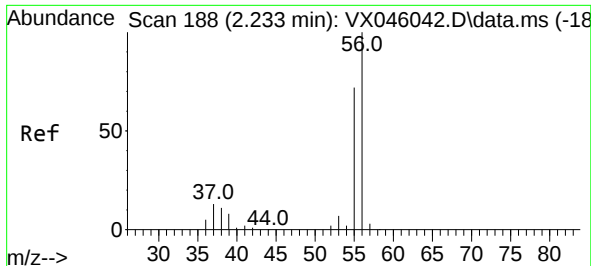
Reviewed By :John Carlone 06/09/2025
Supervised By :Semsettin Yesilyurt 06/09/2025



#12
1,1-Dichloroethene
Concen: 54.293 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

Tgt Ion: 96 Resp: 53331
Ion Ratio Lower Upper
96 100
61 185.1 146.2 219.2
98 65.8 51.0 76.6





#13

Acrolein

Concen: 223.682 ug/l

RT: 2.251 min Scan# 191

Delta R.T. 0.000 min

Lab File: VX046565.D

Acq: 07 Jun 2025 08:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 43478

Ion Ratio Lower Upper

56 100

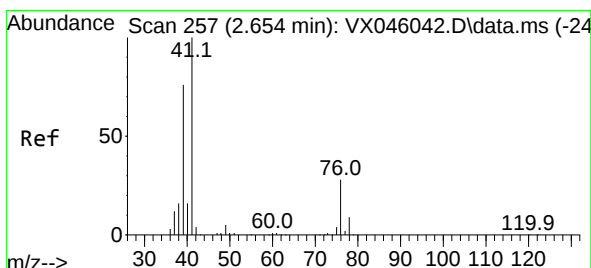
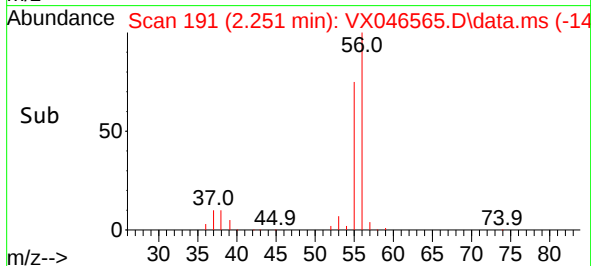
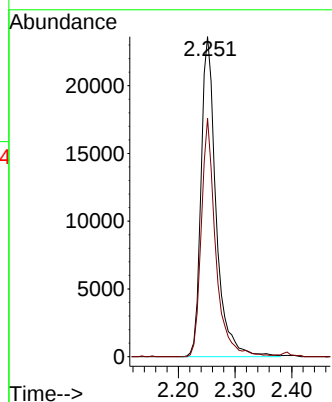
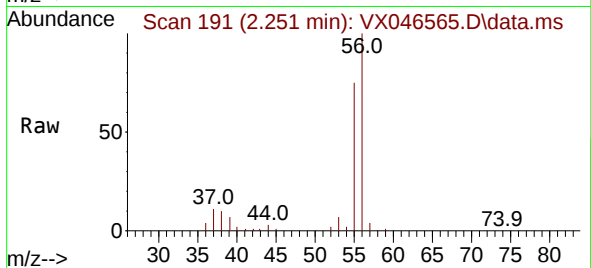
55 71.2 56.2 84.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2025

Supervised By :Semsettin Yesilyurt 06/09/2025



#14

Allyl chloride

Concen: 51.088 ug/l

RT: 2.684 min Scan# 262

Delta R.T. 0.000 min

Lab File: VX046565.D

Acq: 07 Jun 2025 08:06

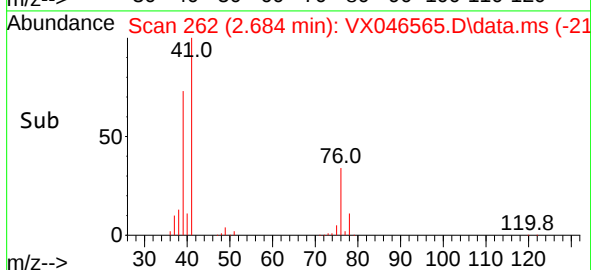
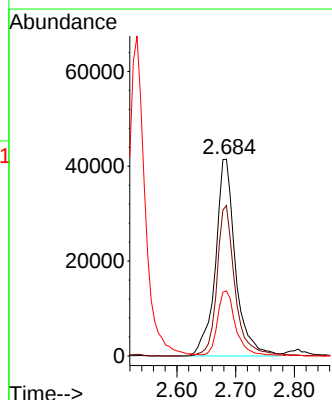
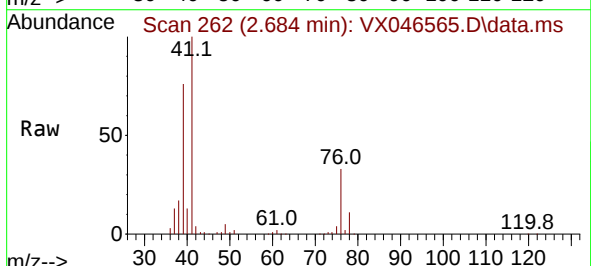
Tgt Ion: 41 Resp: 98558

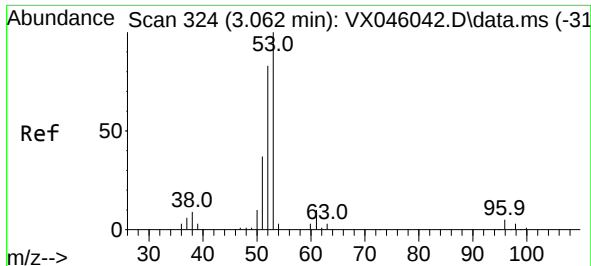
Ion Ratio Lower Upper

41 100

39 69.1 60.6 90.8

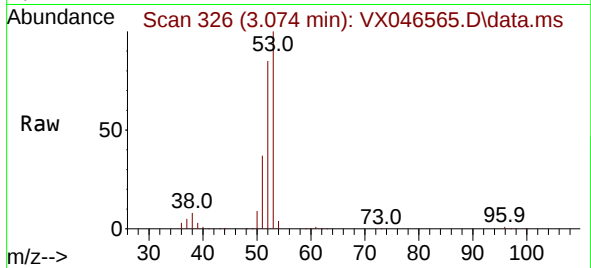
76 30.5 24.9 37.3





#15
Acrylonitrile
Concen: 260.049 ug/l
RT: 3.074 min Scan# 31
Delta R.T. -0.007 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

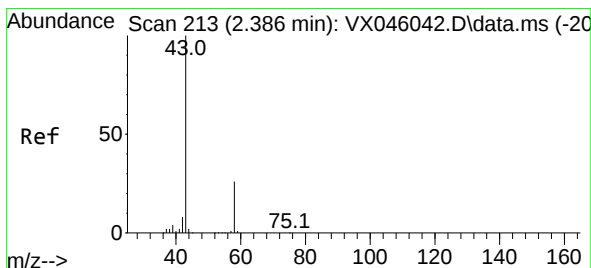
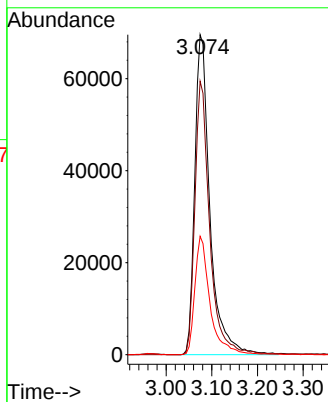
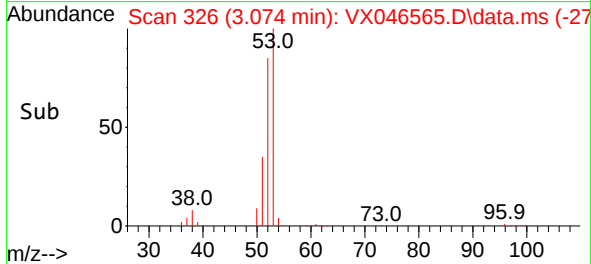
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 160590
Ion Ratio Lower Upper
53 100
52 83.4 65.3 97.9
51 37.2 29.8 44.8

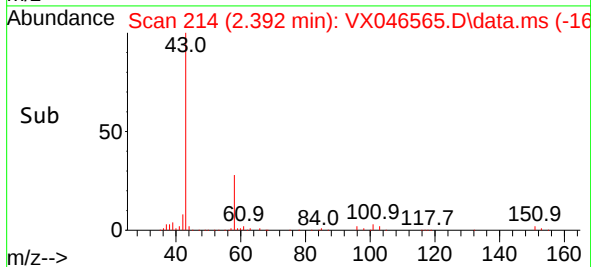
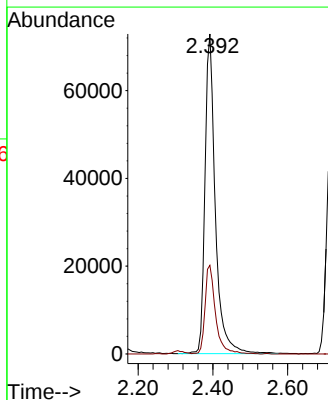
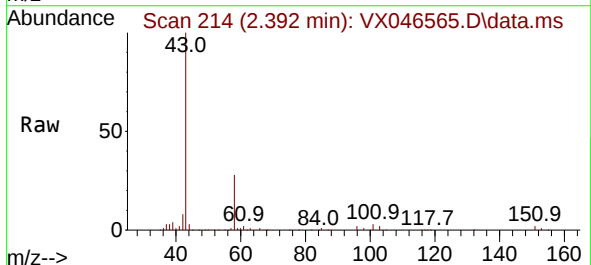
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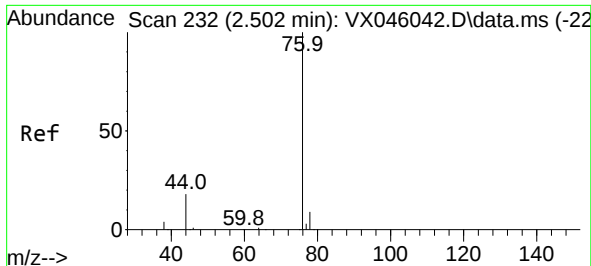
Reviewed By :John Carlone 06/09/2025
Supervised By :Semsettin Yesilyurt 06/09/2025



#16
Acetone
Concen: 241.622 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

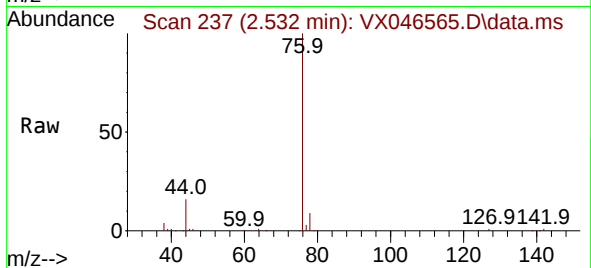
Tgt Ion: 43 Resp: 139574
Ion Ratio Lower Upper
43 100
58 27.8 21.2 31.8





#17
Carbon Disulfide
Concen: 61.396 ug/l
RT: 2.532 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

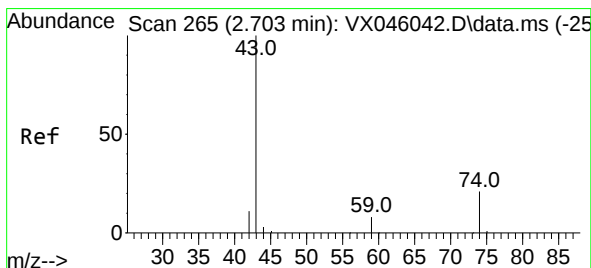
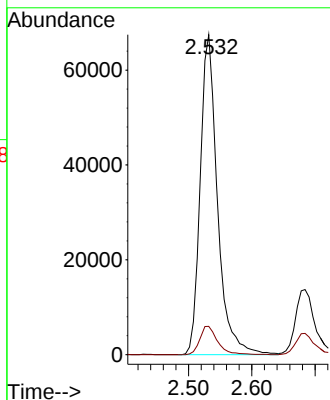
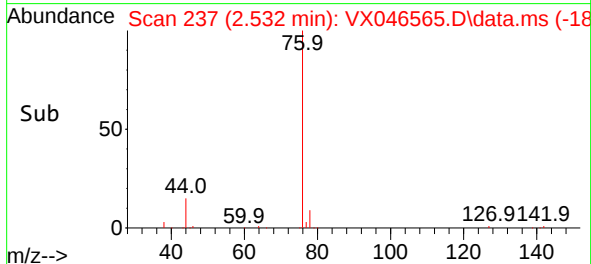
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 128149
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4

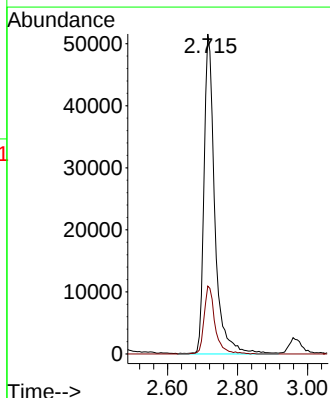
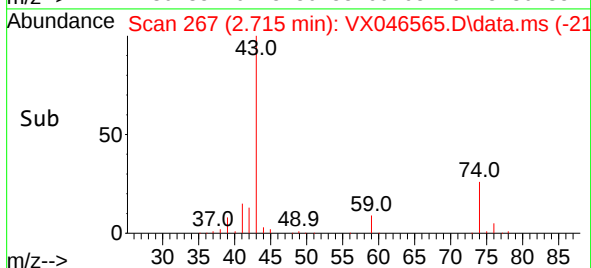
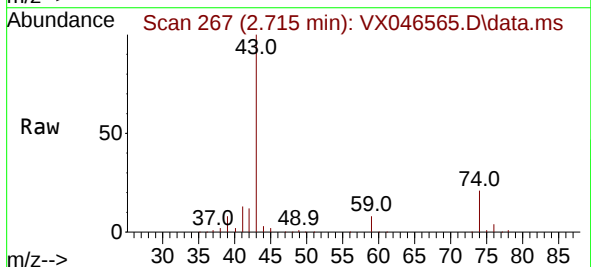
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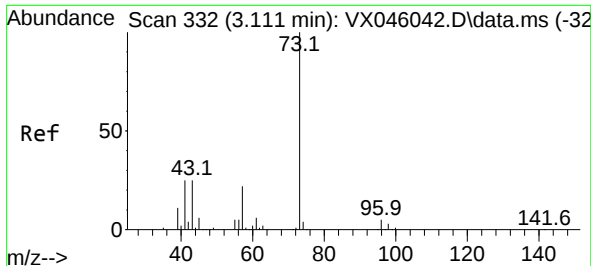
Reviewed By :John Carlone 06/09/2025
Supervised By :Semsettin Yesilyurt 06/09/2025



#18
Methyl Acetate
Concen: 62.854 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.006 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

Tgt Ion: 43 Resp: 110203
Ion Ratio Lower Upper
43 100
74 21.5 16.7 25.1





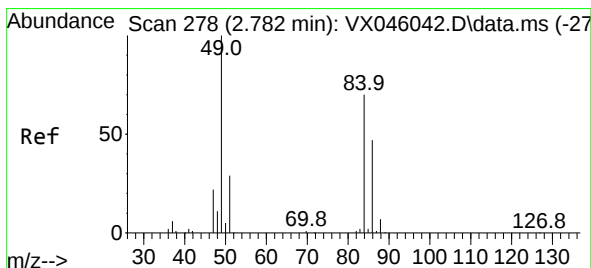
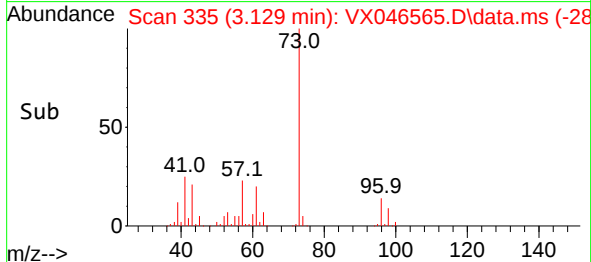
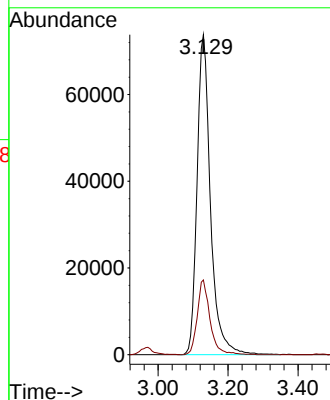
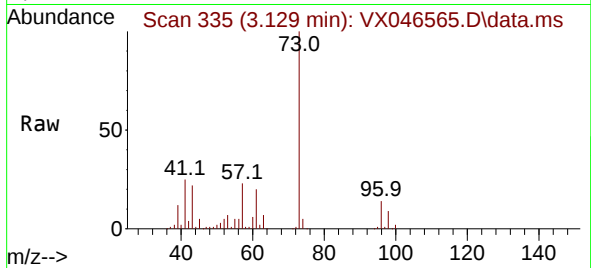
#19
Methyl tert-butyl Ether
Concen: 57.102 ug/l
RT: 3.129 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 19626
Ion Ratio Lower Upper
73 100
57 23.4 17.7 26.5

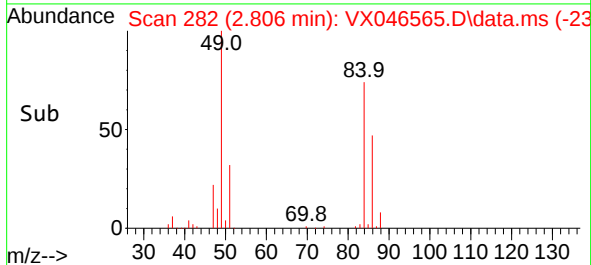
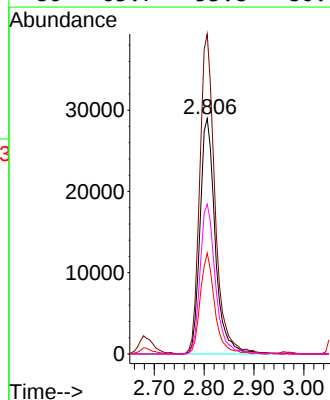
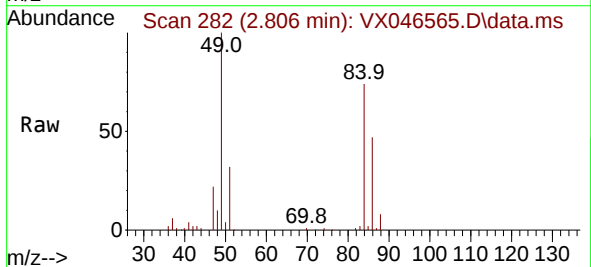
Manual Integrations
APPROVED

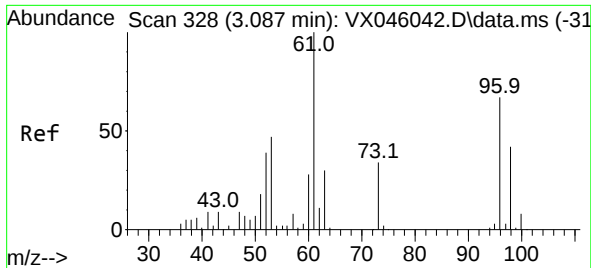
Reviewed By :John Carlone 06/09/2025
Supervised By :Semsettin Yesilyurt 06/09/2025



#20
Methylene Chloride
Concen: 51.983 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

Tgt Ion: 84 Resp: 61387
Ion Ratio Lower Upper
84 100
49 136.0 113.9 170.9
51 42.8 33.5 50.3
86 63.7 53.8 80.8





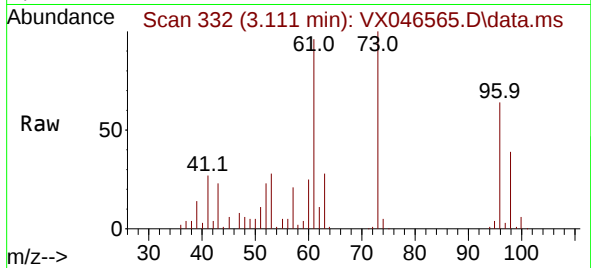
#21
trans-1,2-Dichloroethene
Concen: 53.644 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

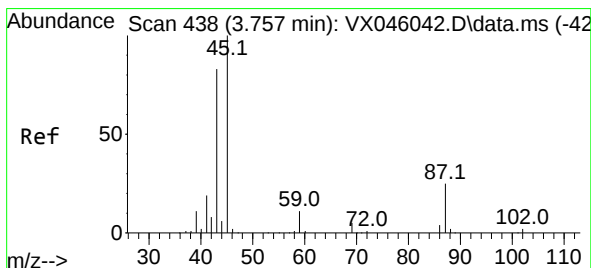
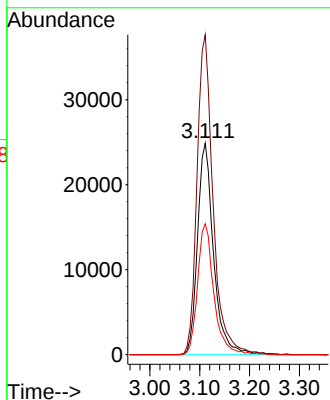
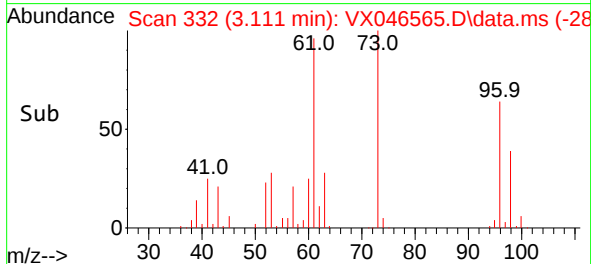


Tgt Ion: 96 Resp: 5576
Ion Ratio Lower Upper
96 100
61 151.3 119.5 179.3
98 61.9 50.0 75.0

Manual Integrations

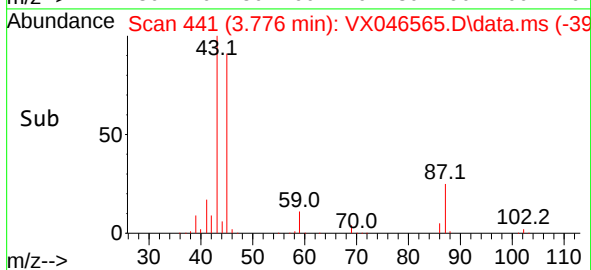
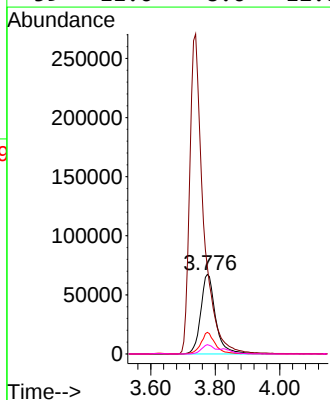
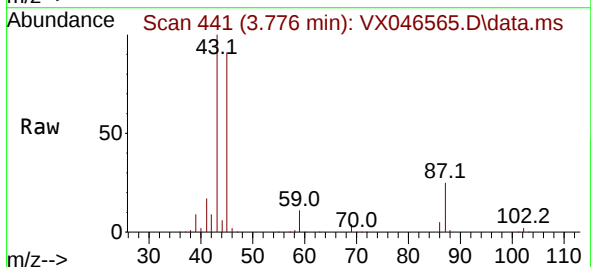
APPROVED

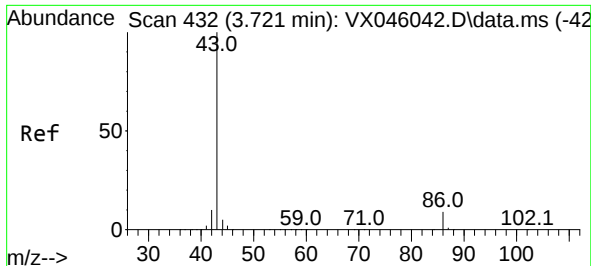
Reviewed By :John Carlone 06/09/2025
Supervised By :Semsettin Yesilyurt 06/09/2025



#22
Diisopropyl ether
Concen: 56.476 ug/l
RT: 3.776 min Scan# 441
Delta R.T. -0.006 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

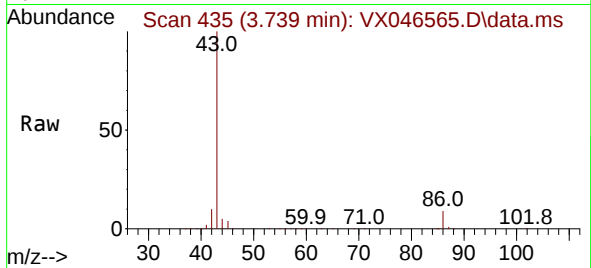
Tgt Ion: 45 Resp: 214803
Ion Ratio Lower Upper
45 100
43 110.1 66.6 100.0#
87 27.1 19.8 29.6
59 11.6 8.6 12.8





#23
 Vinyl Acetate
 Concen: 273.715 ug/l
 RT: 3.739 min Scan# 417
 Delta R.T. -0.000 min
 Lab File: VX046565.D
 Acq: 07 Jun 2025 08:06

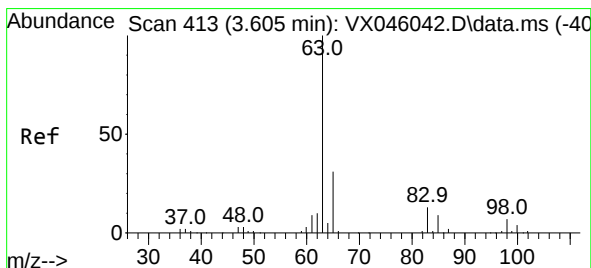
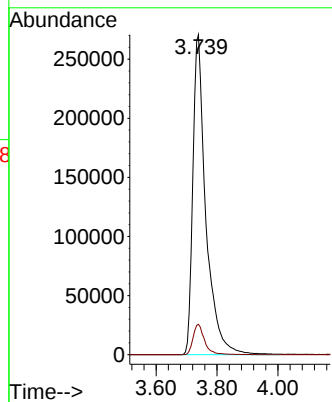
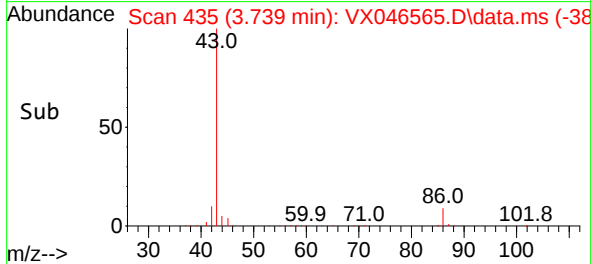
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



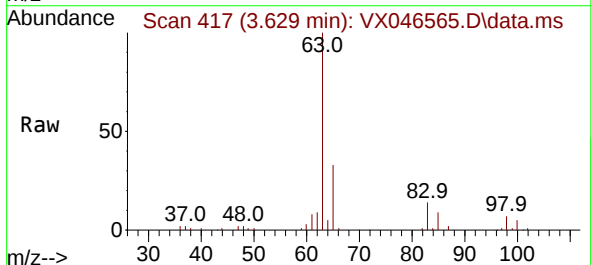
Tgt Ion: 43 Resp: 80375
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.5 11.3

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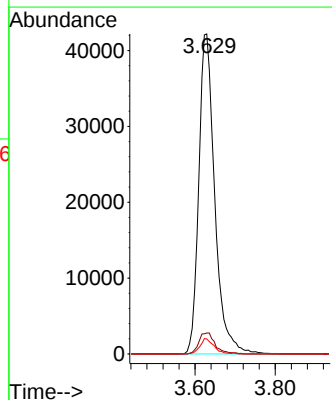
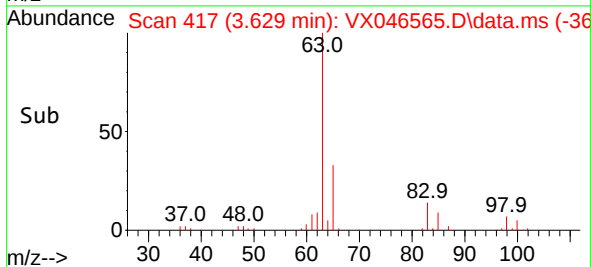
Reviewed By :John Carlone 06/09/2025
 Supervised By :Semsettin Yesilyurt 06/09/2025

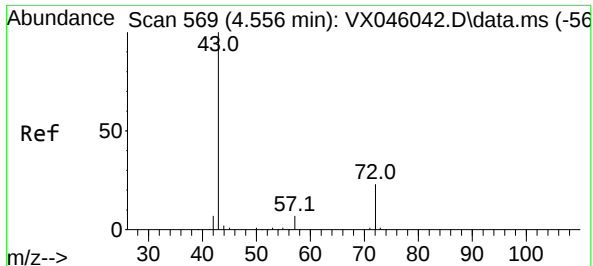


#24
 1,1-Dichloroethane
 Concen: 54.953 ug/l
 RT: 3.629 min Scan# 417
 Delta R.T. 0.000 min
 Lab File: VX046565.D
 Acq: 07 Jun 2025 08:06



Tgt Ion: 63 Resp: 116488
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.8
 100 4.7 2.1 6.3





#25

2-Butanone

Concen: 249.564 ug/l

RT: 4.568 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX046565.D

Acq: 07 Jun 2025 08:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 204498

Ion Ratio Lower Upper

43 100

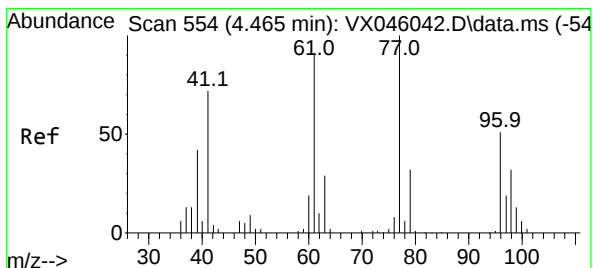
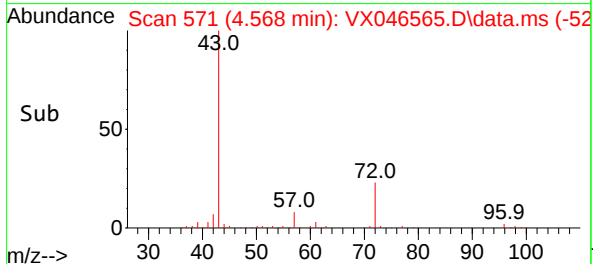
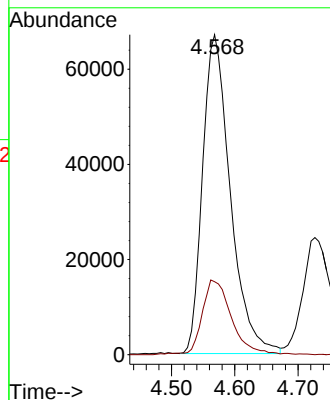
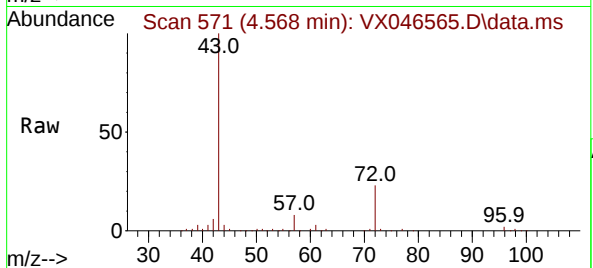
72 22.6 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2025

Supervised By :Semsettin Yesilyurt 06/09/2025



#26

2,2-Dichloropropane

Concen: 24.713 ug/l

RT: 4.495 min Scan# 559

Delta R.T. -0.000 min

Lab File: VX046565.D

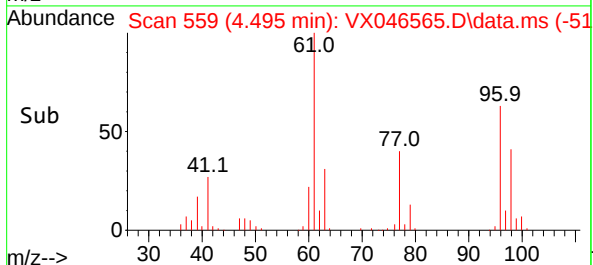
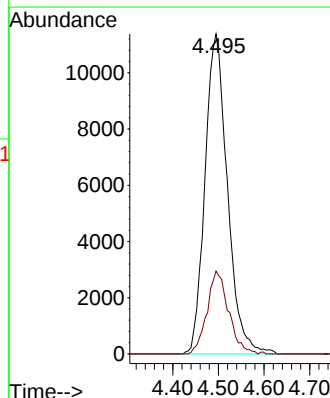
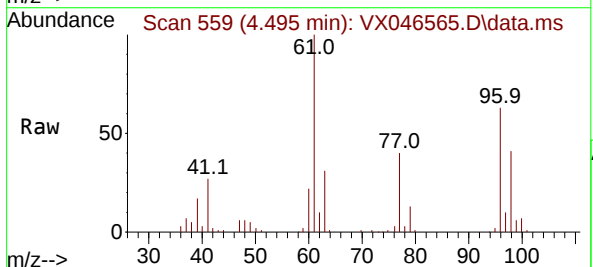
Acq: 07 Jun 2025 08:06

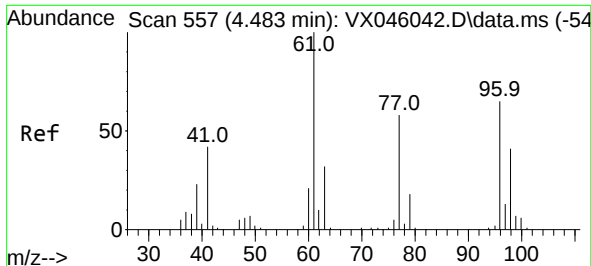
Tgt Ion: 77 Resp: 38889

Ion Ratio Lower Upper

77 100

97 24.8 10.5 31.5





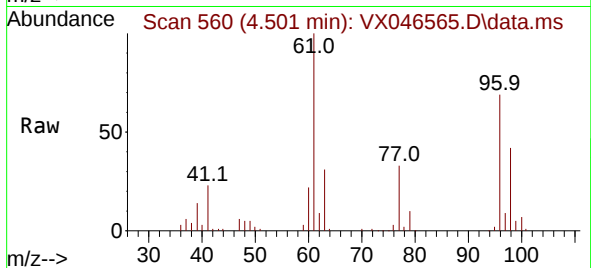
#27
cis-1,2-Dichloroethene
Concen: 53.015 ug/l
RT: 4.501 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

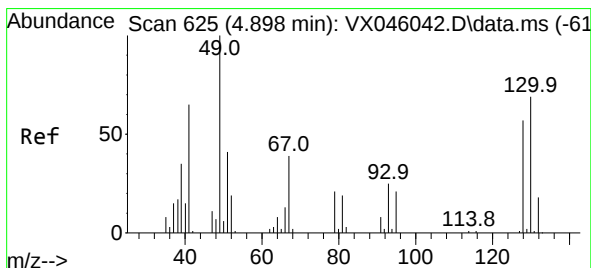
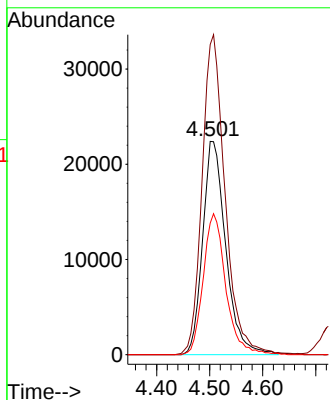
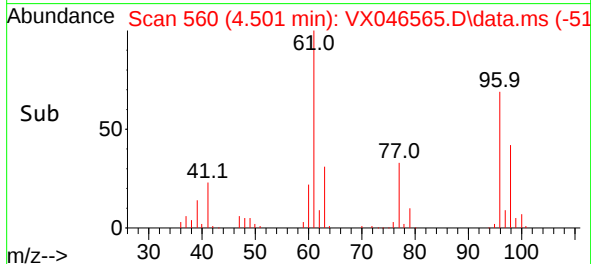


Tgt Ion: 96 Resp: 6784
Ion Ratio Lower Upper
96 100
61 149.3 0.0 322.8
98 64.6 0.0 129.0

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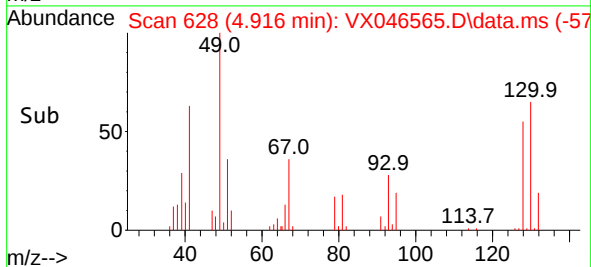
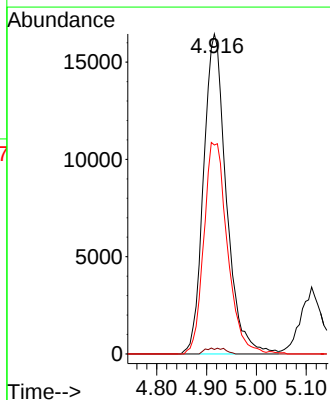
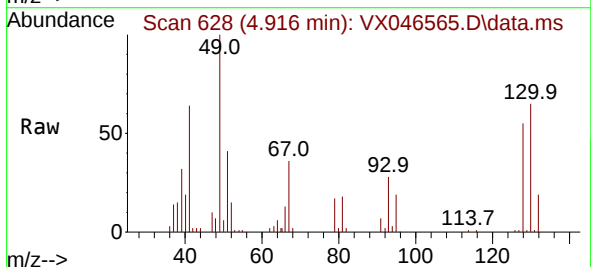
APPROVED

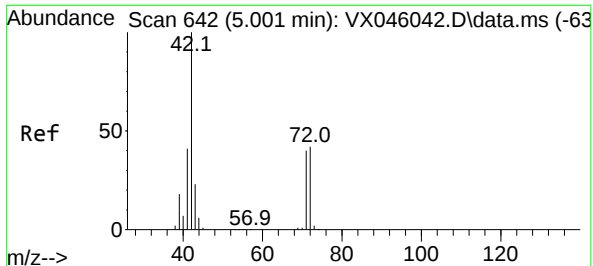
Reviewed By :John Carlone 06/09/2025
Supervised By :Semsettin Yesilyurt 06/09/2025



#28
Bromochloromethane
Concen: 51.692 ug/l
RT: 4.916 min Scan# 628
Delta R.T. -0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

Tgt Ion: 49 Resp: 52263
Ion Ratio Lower Upper
49 100
129 0.8 0.0 4.0
130 68.2 56.2 84.2





#29

Tetrahydrofuran

Concen: 255.479 ug/l

RT: 5.013 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX046565.D

Acq: 07 Jun 2025 08:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 132208

Ion Ratio Lower Upper

42 100

72 41.6 33.7 50.5

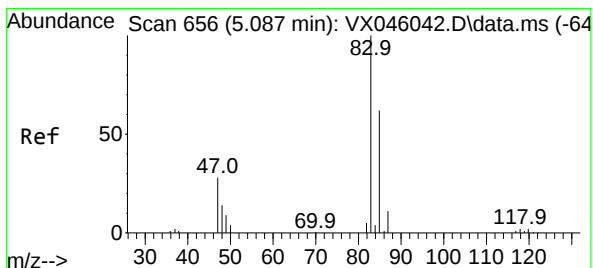
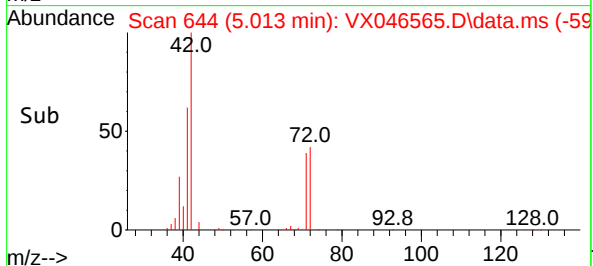
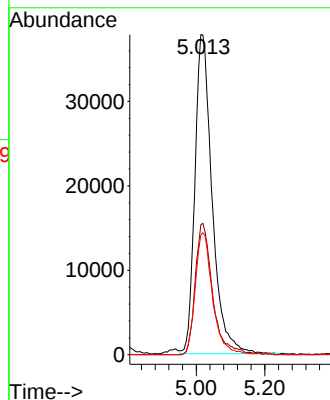
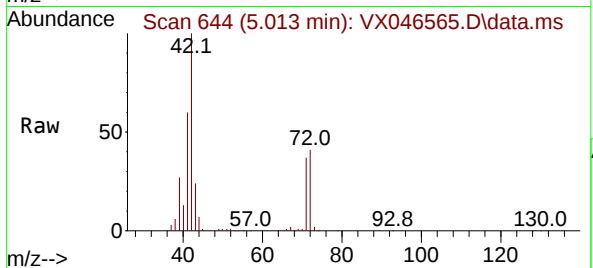
71 38.2 31.4 47.2

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Reviewed By :John Carlone 06/09/2025

Supervised By :Semsettin Yesilyurt 06/09/2025



#30

Chloroform

Concen: 53.704 ug/l

RT: 5.111 min Scan# 660

Delta R.T. -0.000 min

Lab File: VX046565.D

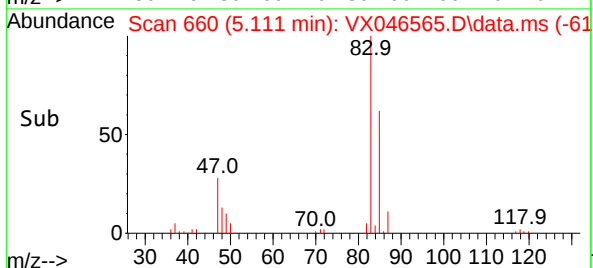
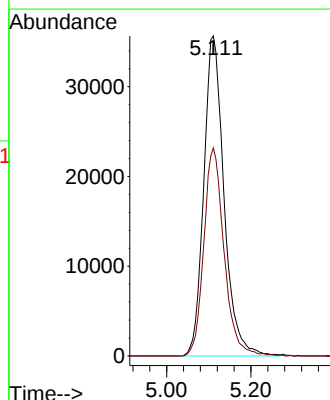
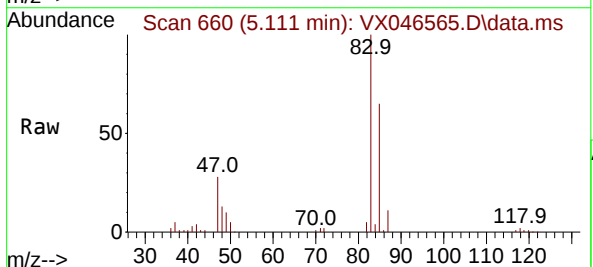
Acq: 07 Jun 2025 08:06

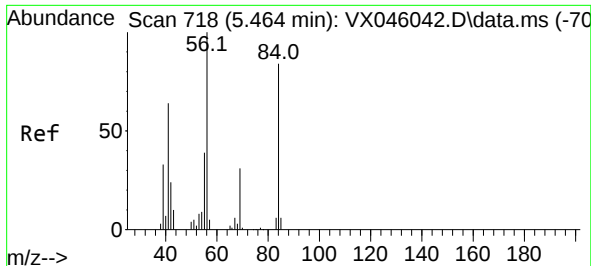
Tgt Ion: 83 Resp: 119280

Ion Ratio Lower Upper

83 100

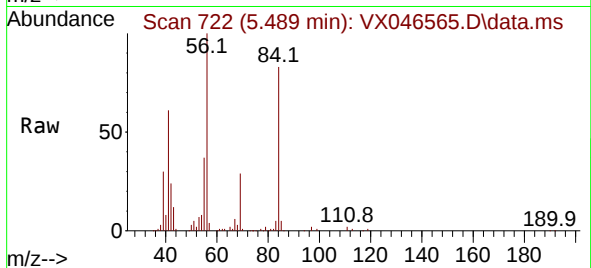
85 65.0 49.3 73.9





#31
Cyclohexane
Concen: 56.680 ug/l
RT: 5.489 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

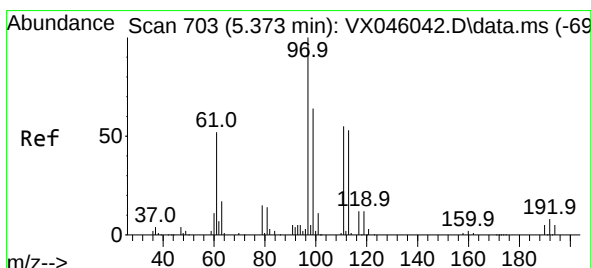
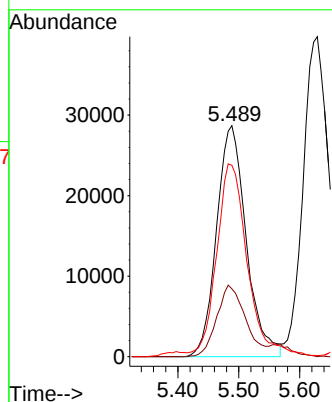
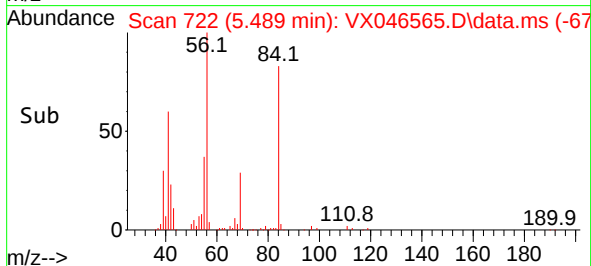
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



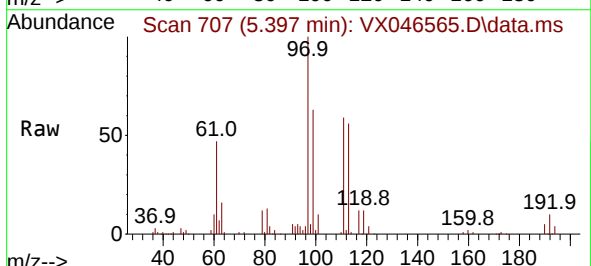
Tgt Ion: 56 Resp: 9699
Ion Ratio Lower Upper
56 100
69 29.4 24.4 36.6
84 81.1 66.9 100.3

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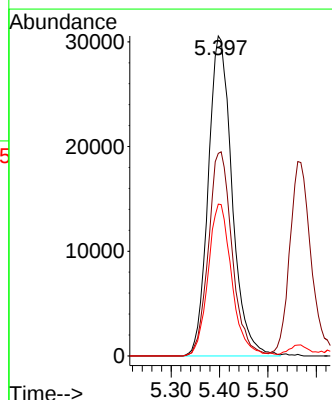
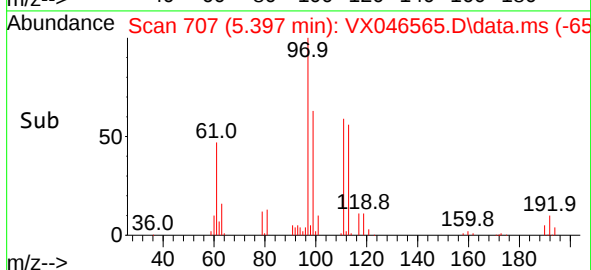
Reviewed By :John Carlone 06/09/2025
Supervised By :Semsettin Yesilyurt 06/09/2025

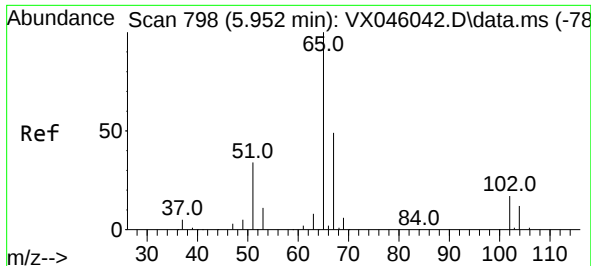


#32
1,1,1-Trichloroethane
Concen: 55.020 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06



Tgt Ion: 97 Resp: 104532
Ion Ratio Lower Upper
97 100
99 63.6 51.8 77.6
61 47.2 40.1 60.1





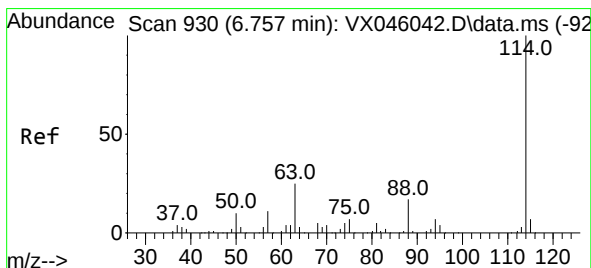
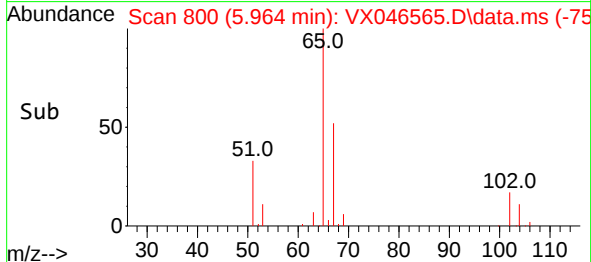
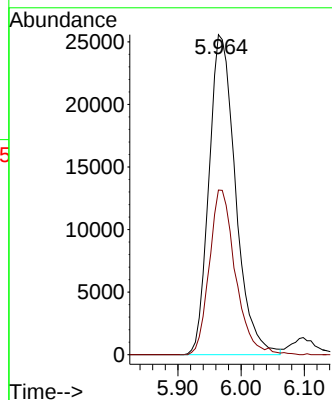
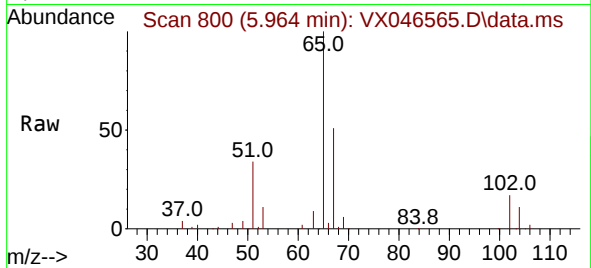
#33
 1,2-Dichloroethane-d4
 Concen: 50.658 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: VX046565.D
 Acq: 07 Jun 2025 08:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 7456
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 99.0

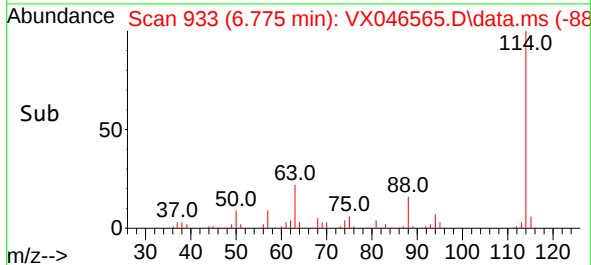
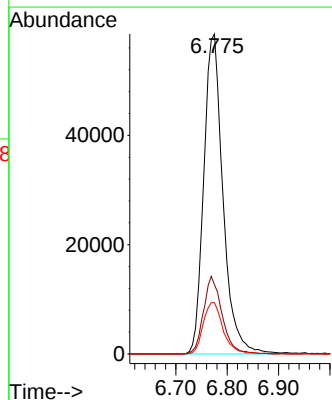
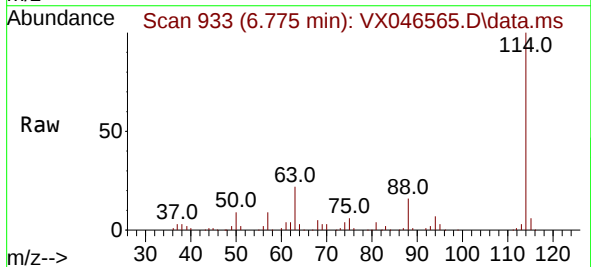
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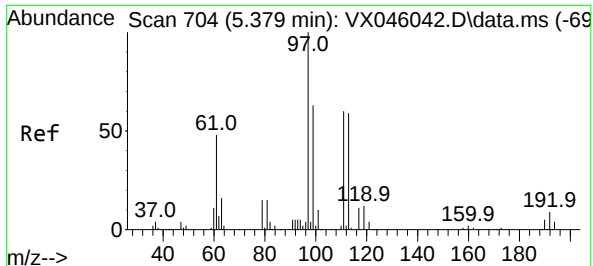
Reviewed By :John Carlone 06/09/2025
 Supervised By :Semsettin Yesilyurt 06/09/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.775 min Scan# 933
 Delta R.T. 0.000 min
 Lab File: VX046565.D
 Acq: 07 Jun 2025 08:06

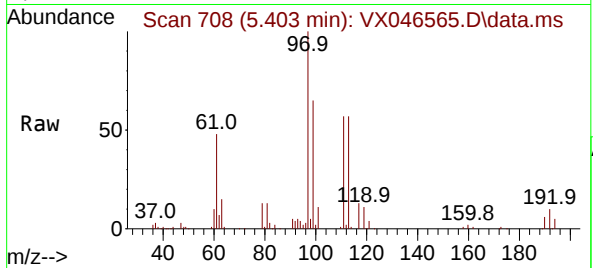
Tgt Ion:114 Resp: 152075
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 49.2
 88 16.0 0.0 33.6





#35
Dibromofluoromethane
Concen: 50.341 ug/l
RT: 5.403 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

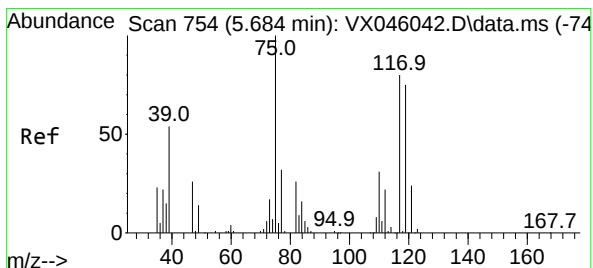
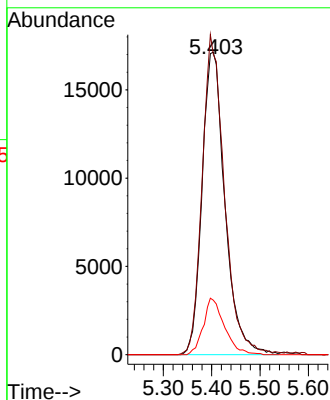
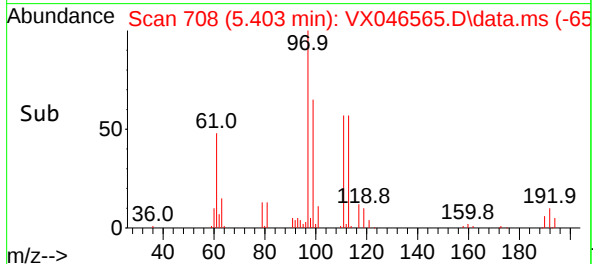
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 56299
Ion Ratio Lower Upper
113 100
111 103.0 83.1 124.7
192 17.2 13.3 19.9

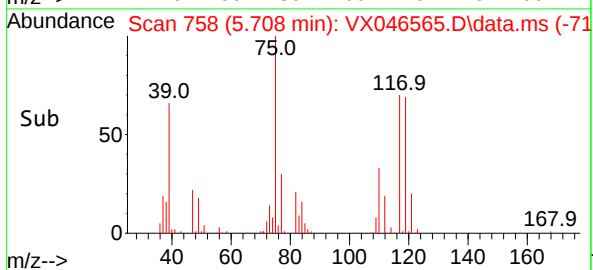
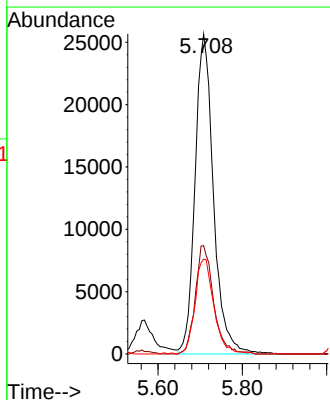
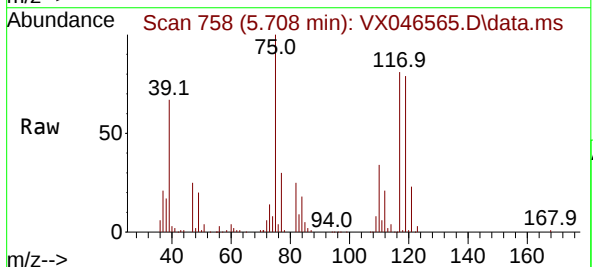
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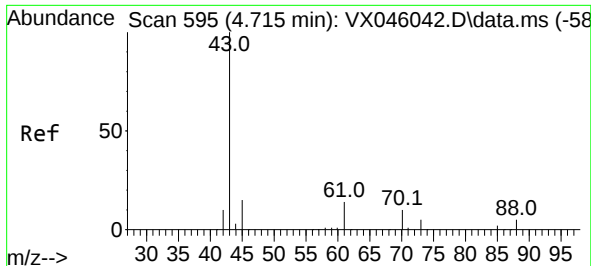
Reviewed By :John Carlone 06/09/2025
Supervised By :Semsettin Yesilyurt 06/09/2025



#36
1,1-Dichloropropene
Concen: 48.981 ug/l
RT: 5.708 min Scan# 758
Delta R.T. -0.006 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

Tgt Ion: 75 Resp: 78246
Ion Ratio Lower Upper
75 100
110 33.6 16.3 48.9
77 30.4 24.3 36.5





#37

Ethyl Acetate

Concen: 51.527 ug/l

RT: 4.727 min Scan# 595

Delta R.T. -0.006 min

Lab File: VX046565.D

Acq: 07 Jun 2025 08:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 80338

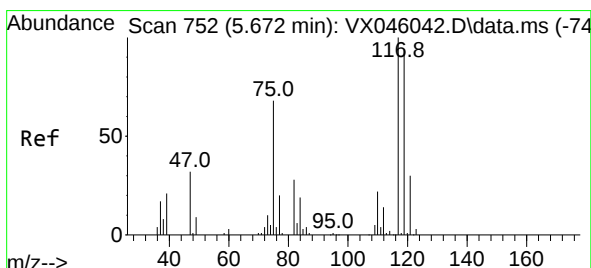
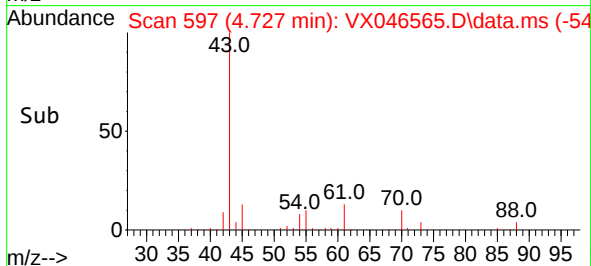
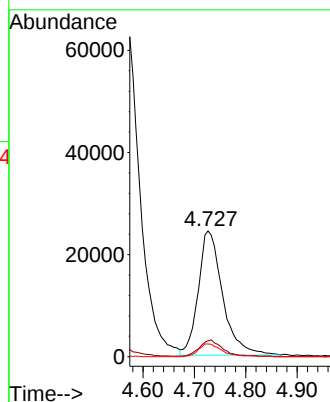
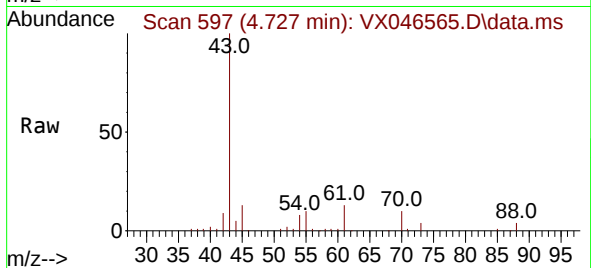
Ion	Ratio	Lower	Upper
43	100		
61	12.0	10.3	15.5
70	9.7	7.9	11.9

Manual Integrations

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Reviewed By :John Carlone 06/09/2025

Supervised By :Semsettin Yesilyurt 06/09/2025



#38

Carbon Tetrachloride

Concen: 50.127 ug/l

RT: 5.696 min Scan# 756

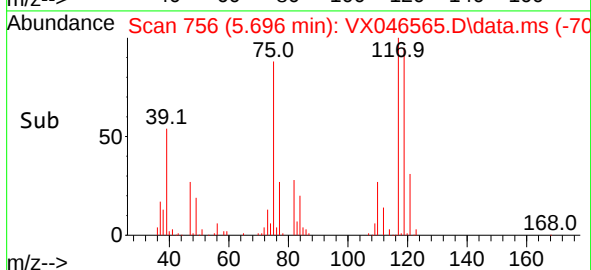
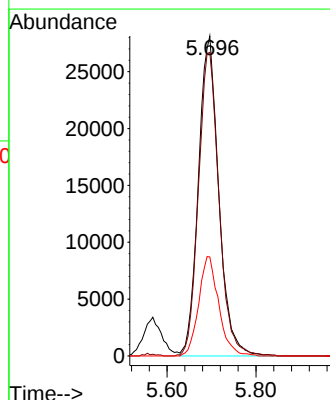
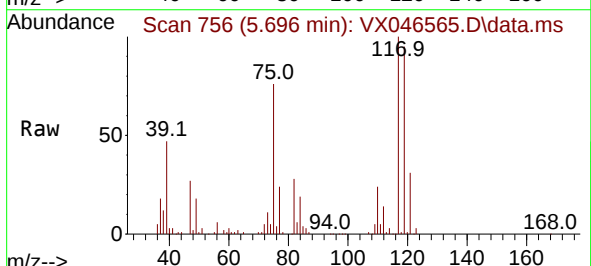
Delta R.T. -0.000 min

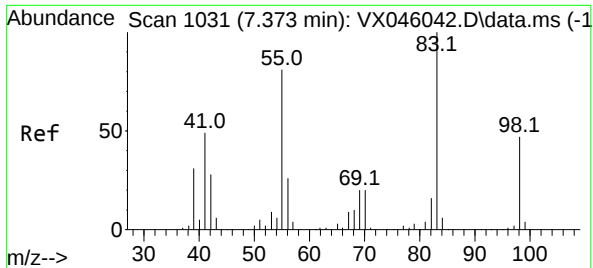
Lab File: VX046565.D

Acq: 07 Jun 2025 08:06

Tgt Ion:117 Resp: 89692

Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.2	112.8
121	30.9	24.2	36.4





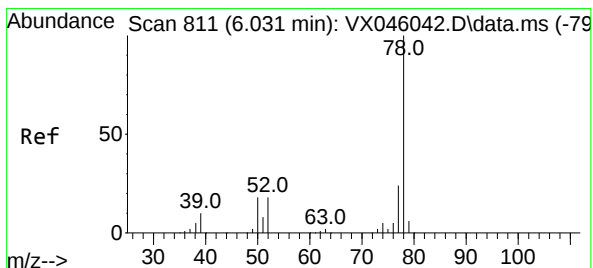
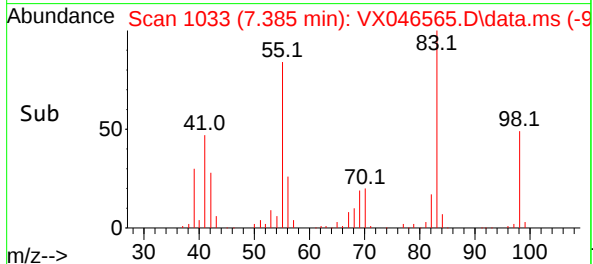
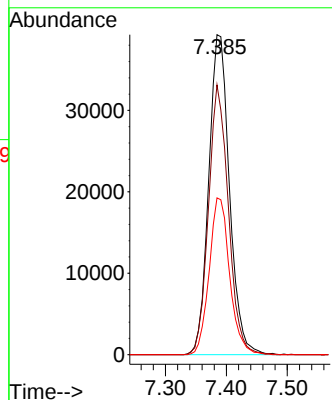
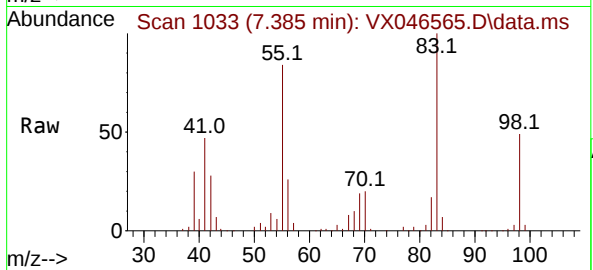
#39
Methylcyclohexane
Concen: 49.276 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 92914
Ion Ratio Lower Upper
83 100
55 84.3 64.7 97.1
98 49.0 37.4 56.2

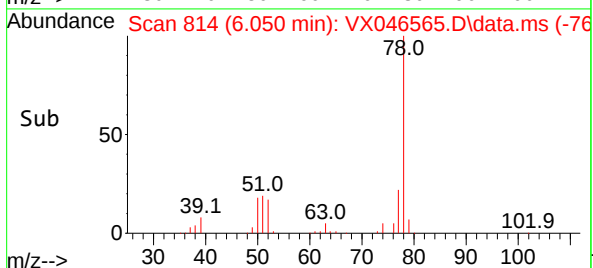
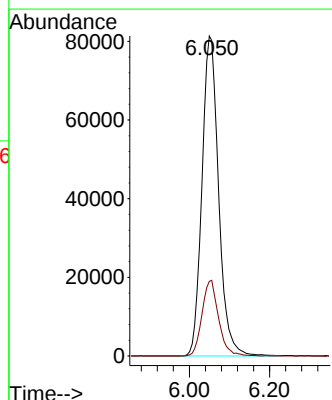
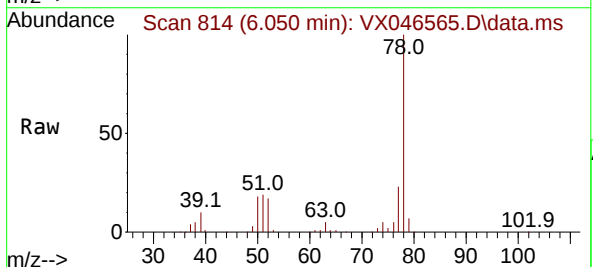
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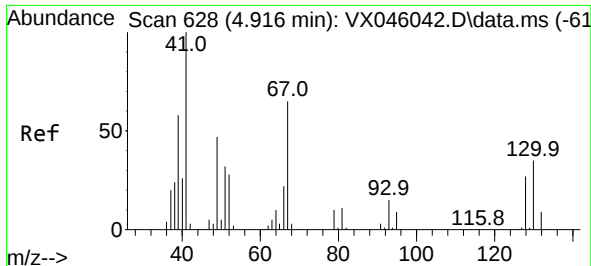
Reviewed By :John Carlone 06/09/2025
Supervised By :Semsettin Yesilyurt 06/09/2025



#40
Benzene
Concen: 52.093 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.006 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

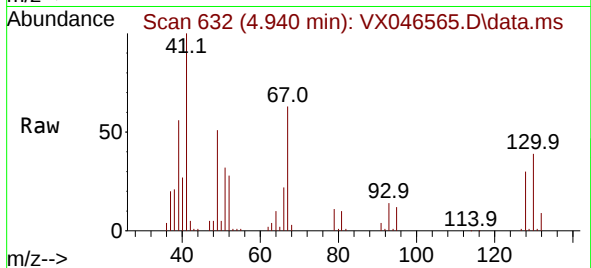
Tgt Ion: 78 Resp: 234272
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4





#41
Methacrylonitrile
Concen: 52.067 ug/l
RT: 4.940 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

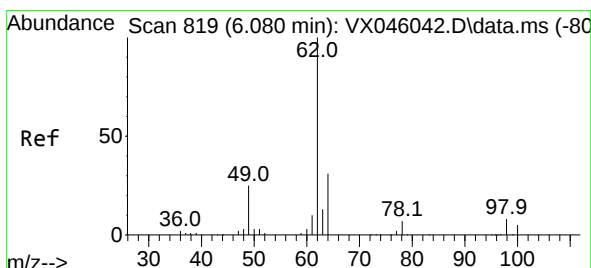
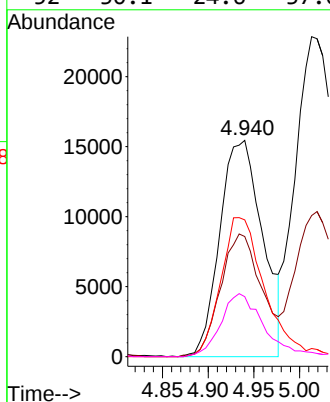
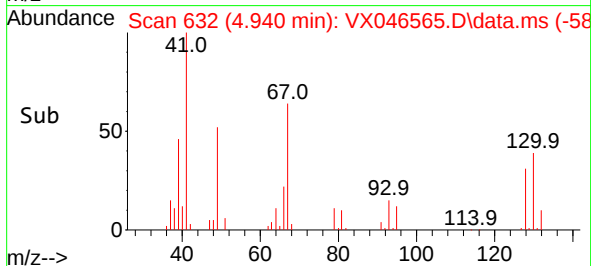
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 5041
Ion Ratio Lower Upper
41 100
39 54.6 47.2 70.8
67 67.0 50.7 76.1
52 30.1 24.6 37.0

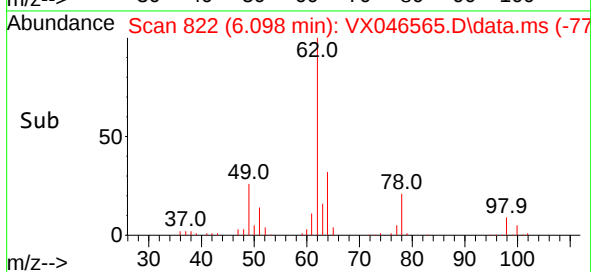
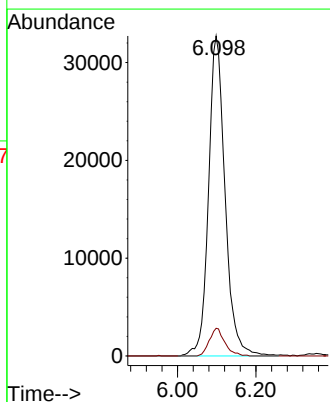
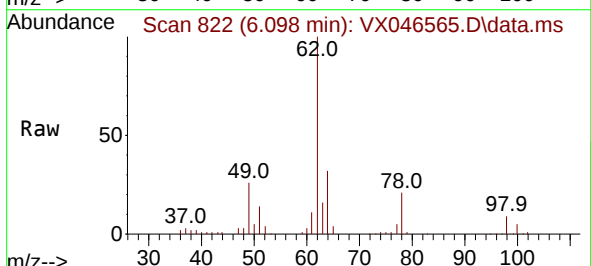
Manual Integrations
APPROVED

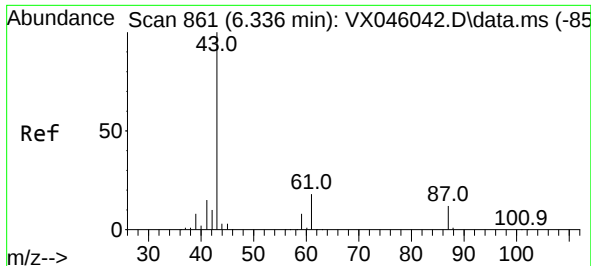
Reviewed By :John Carlone 06/09/2025
Supervised By :Semsettin Yesilyurt 06/09/2025



#42
1,2-Dichloroethane
Concen: 51.087 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

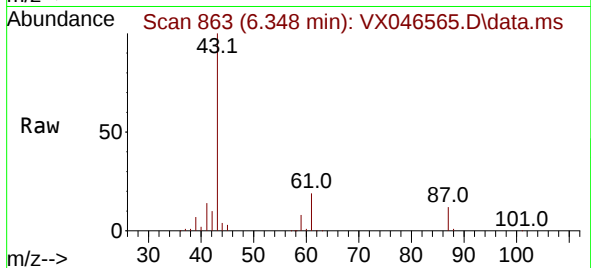
Tgt Ion: 62 Resp: 95581
Ion Ratio Lower Upper
62 100
98 8.1 0.0 15.2





#43
Isopropyl Acetate
Concen: 51.305 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.006 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

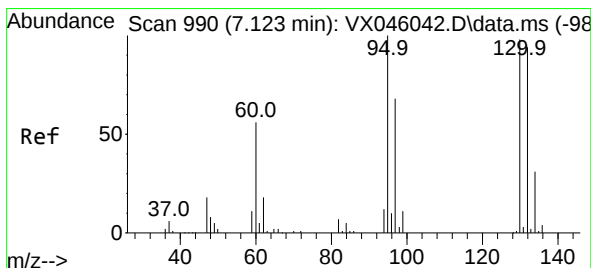
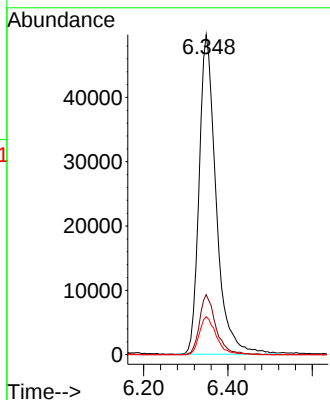
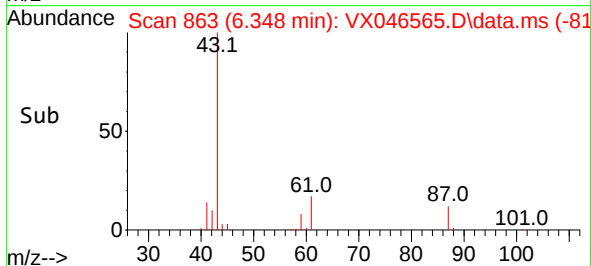
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



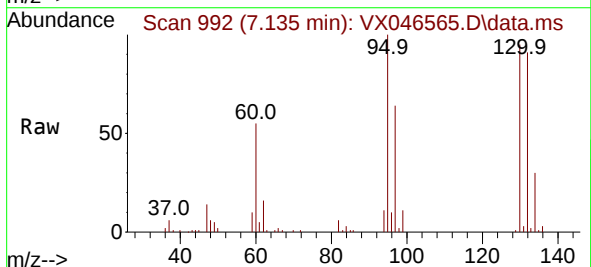
Tgt Ion: 43 Resp: 13945
Ion Ratio Lower Upper
43 100
61 18.1 14.3 21.5
87 11.8 9.5 14.3

Manual Integrations
APPROVED

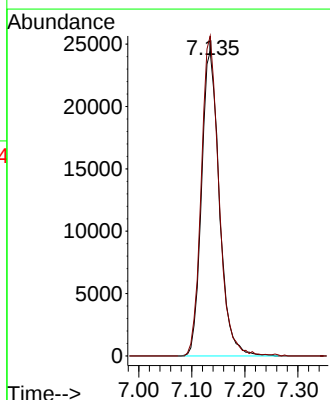
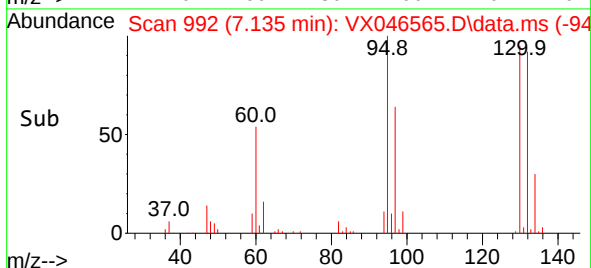
Reviewed By :John Carlone 06/09/2025
Supervised By :Semsettin Yesilyurt 06/09/2025

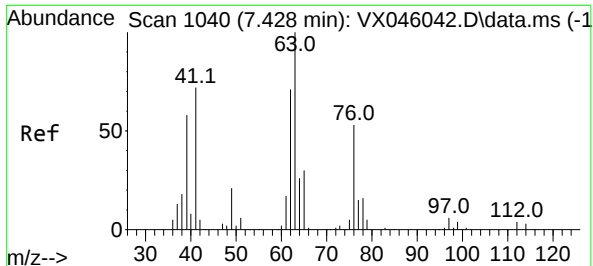


#44
Trichloroethene
Concen: 49.904 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06



Tgt Ion:130 Resp: 57024
Ion Ratio Lower Upper
130 100
95 105.1 0.0 204.2





#45

1,2-Dichloropropane

Concen: 51.929 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.007 min

Lab File: VX046565.D

Acq: 07 Jun 2025 08:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 60279

Ion Ratio Lower Upper

63 100

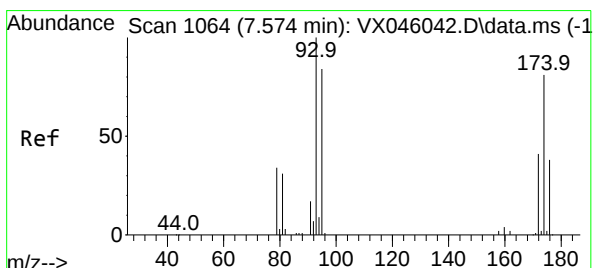
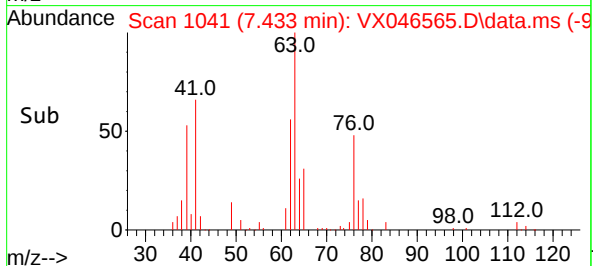
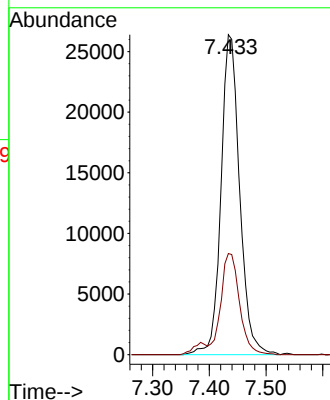
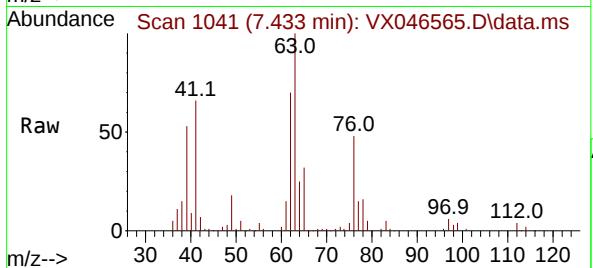
65 31.6 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2025

Supervised By :Semsettin Yesilyurt 06/09/2025



#46

Dibromomethane

Concen: 50.586 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX046565.D

Acq: 07 Jun 2025 08:06

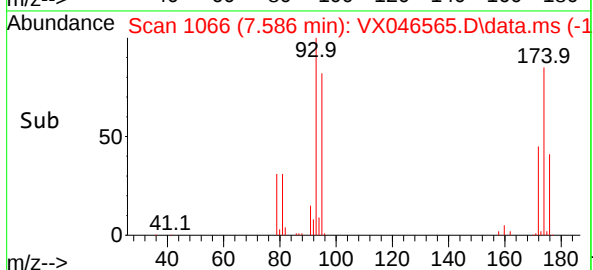
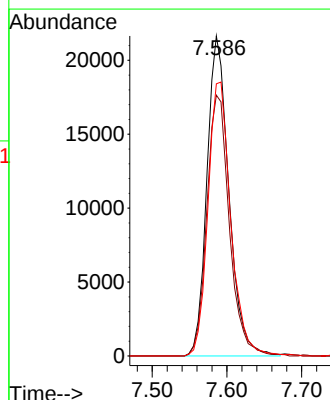
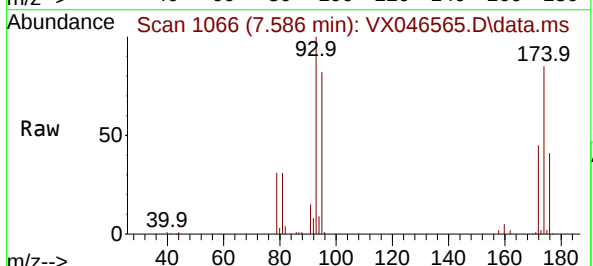
Tgt Ion: 93 Resp: 44175

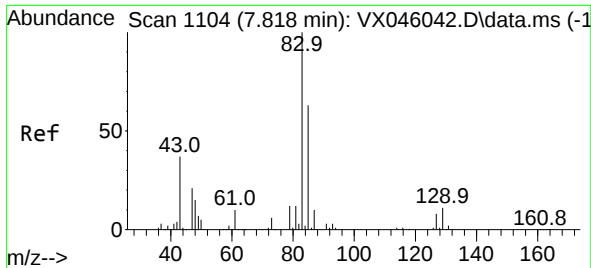
Ion Ratio Lower Upper

93 100

95 84.1 65.6 98.4

174 89.1 68.2 102.2





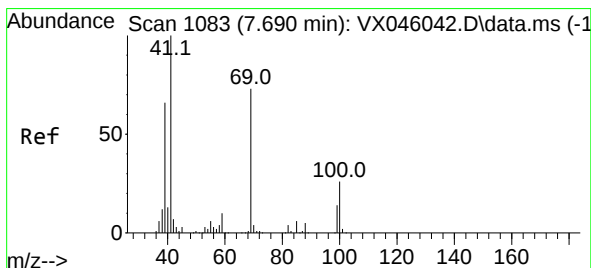
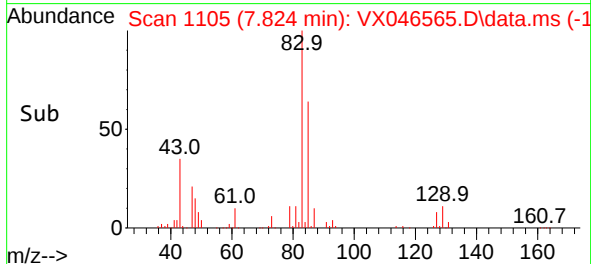
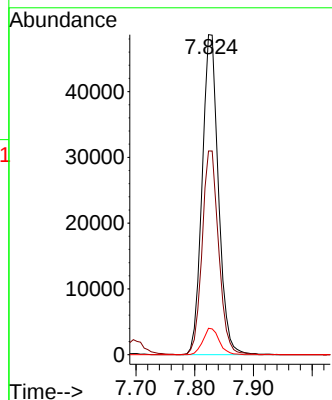
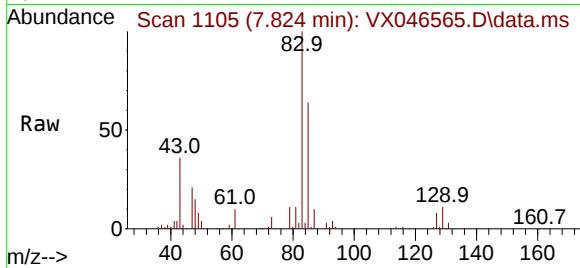
#47
Bromodichloromethane
Concen: 52.239 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 93799
Ion Ratio Lower Upper
83 100
85 63.7 50.5 75.7
127 8.3 6.5 9.7

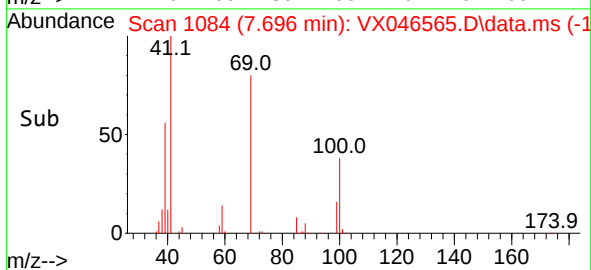
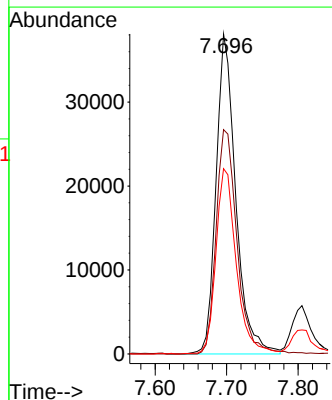
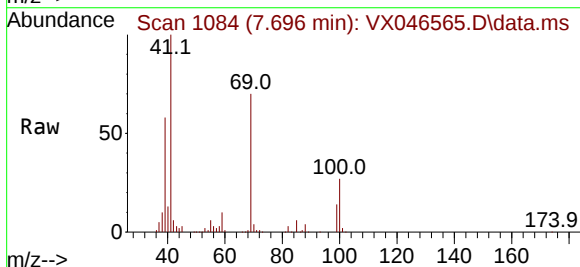
Manual Integrations
APPROVED

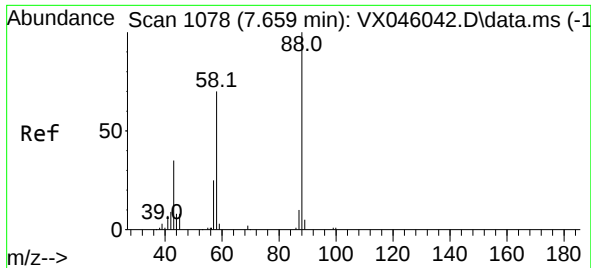
Reviewed By :John Carlone 06/09/2025
Supervised By :Semsettin Yesilyurt 06/09/2025



#48
Methyl methacrylate
Concen: 52.167 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

Tgt Ion: 41 Resp: 72955
Ion Ratio Lower Upper
41 100
69 74.7 58.5 87.7
39 60.0 51.7 77.5





#49
1,4-Dioxane
Concen: 896.548 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.012 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

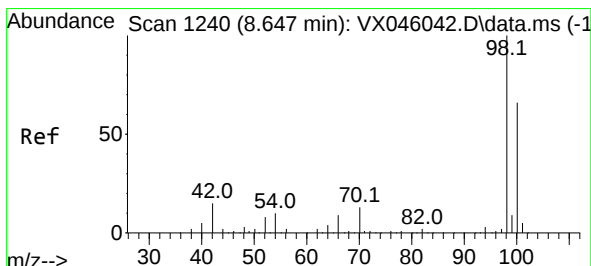
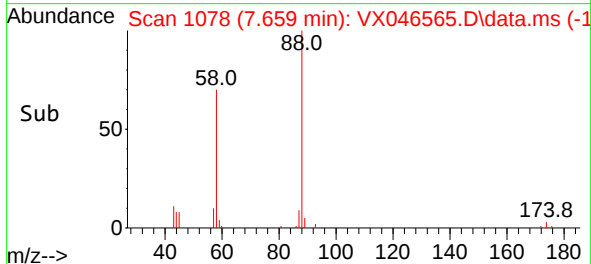
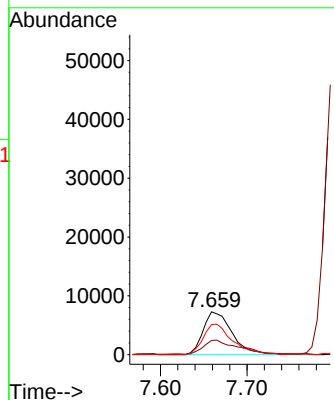
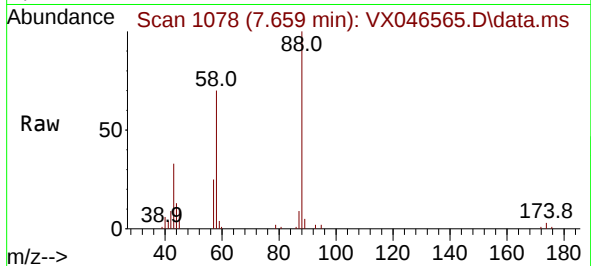
Tgt Ion: 88 Resp: 1676
Ion Ratio Lower Upper
88 100
43 40.1 33.4 50.2
58 72.4 58.6 88.0

Manual Integrations

APPROVED

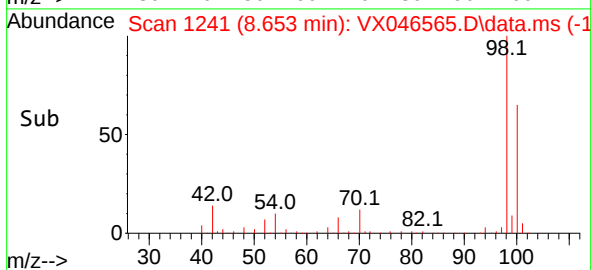
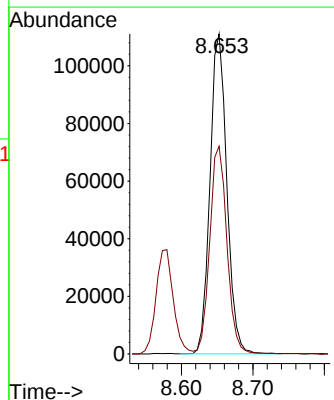
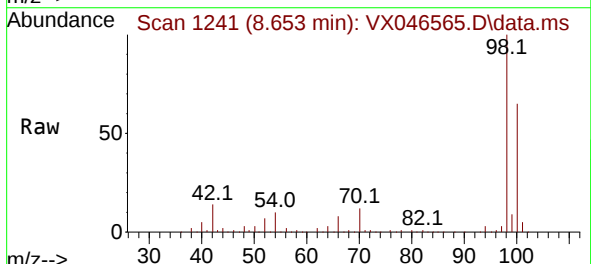
Reviewed By :John Carlone 06/09/2025

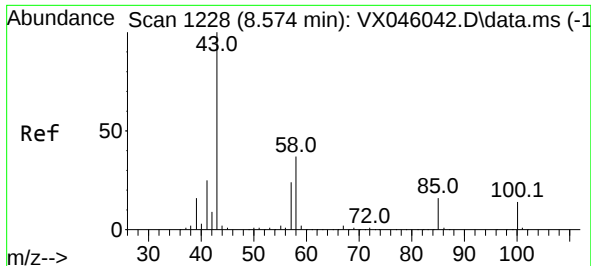
Supervised By :Semsettin Yesilyurt 06/09/2025



#50
Toluene-d8
Concen: 49.078 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

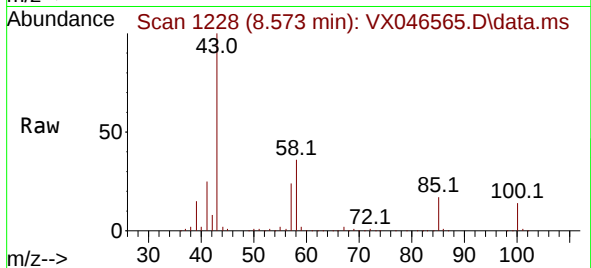
Tgt Ion: 98 Resp: 180956
Ion Ratio Lower Upper
98 100
100 66.2 53.5 80.3





#51
4-Methyl-2-Pentanone
Concen: 247.610 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

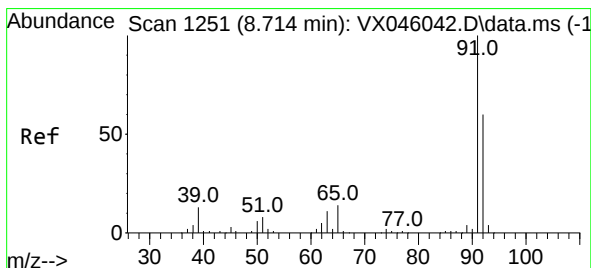
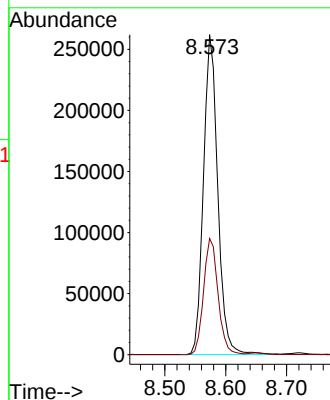
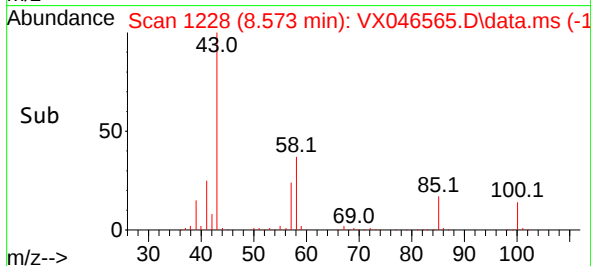
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 42768
Ion Ratio Lower Upper
43 100
58 36.8 28.9 43.3

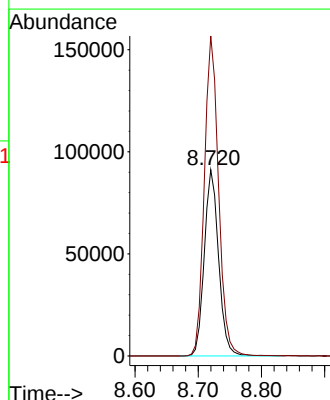
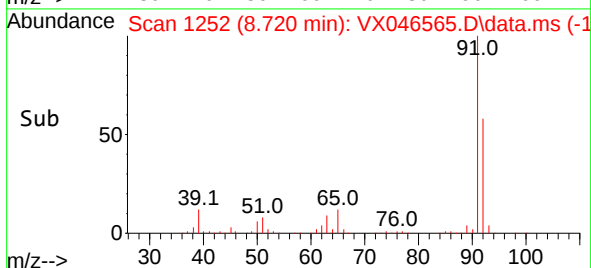
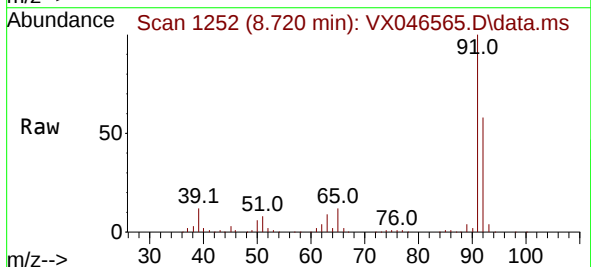
Manual Integrations
APPROVED

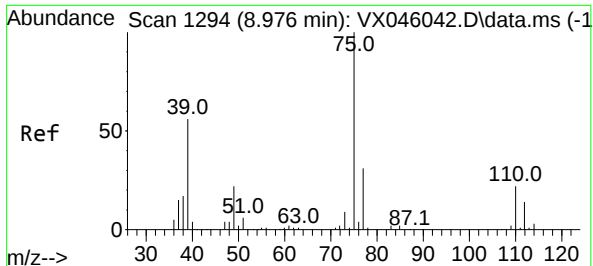
Reviewed By :John Carlone 06/09/2025
Supervised By :Semsettin Yesilyurt 06/09/2025



#52
Toluene
Concen: 51.996 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

Tgt Ion: 92 Resp: 143660
Ion Ratio Lower Upper
92 100
91 171.1 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 48.240 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. -0.000 min

Lab File: VX046565.D

Acq: 07 Jun 2025 08:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 77662

Ion Ratio Lower Upper

75 100

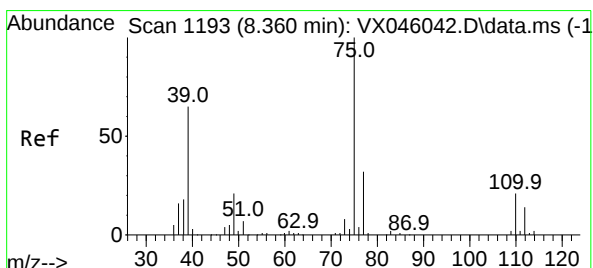
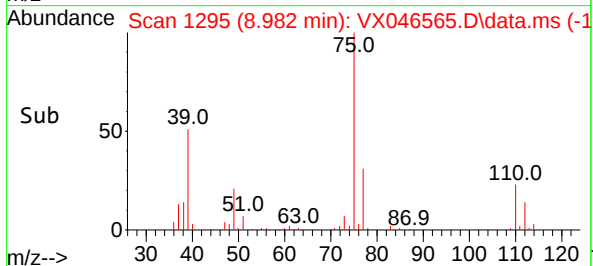
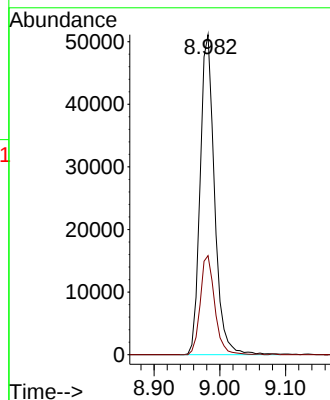
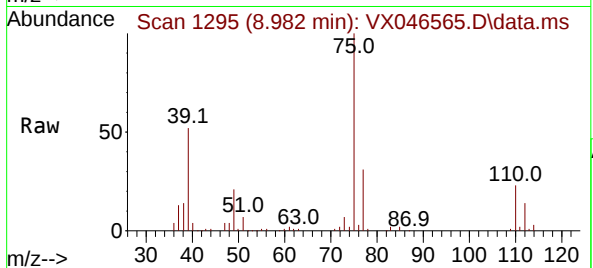
77 30.9 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2025

Supervised By :Semsettin Yesilyurt 06/09/2025



#54

cis-1,3-Dichloropropene

Concen: 47.786 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX046565.D

Acq: 07 Jun 2025 08:06

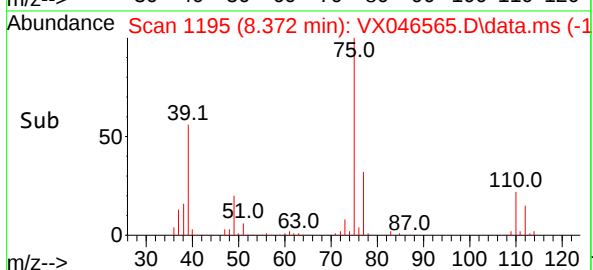
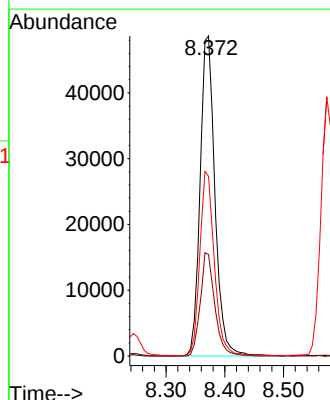
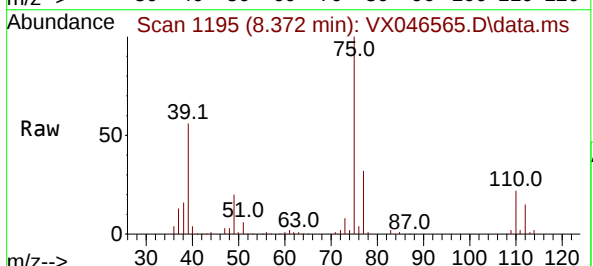
Tgt Ion: 75 Resp: 85536

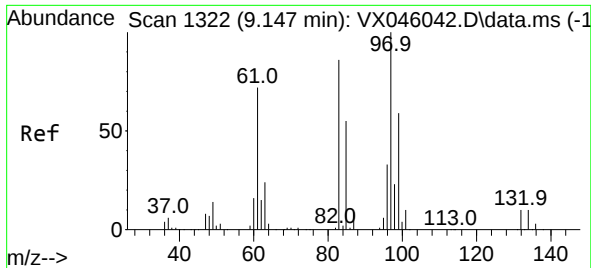
Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0

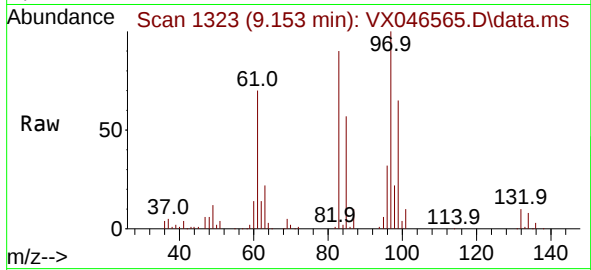
39 56.0 52.2 78.4





#55
1,1,2-Trichloroethane
Concen: 50.502 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

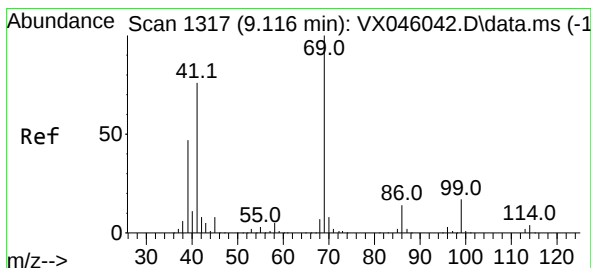
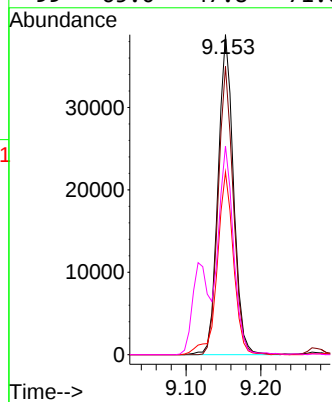
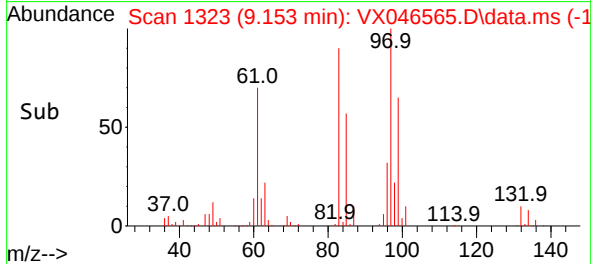
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



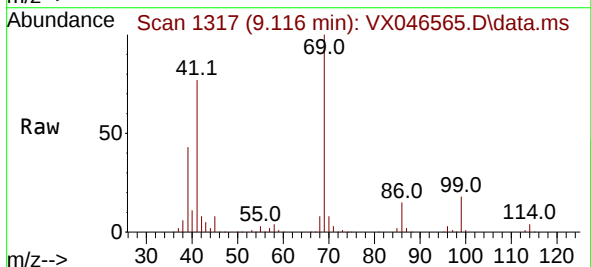
Tgt Ion: 97 Resp: 56014
Ion Ratio Lower Upper
97 100
83 90.1 69.0 103.6
85 57.1 44.3 66.5
99 65.0 47.8 71.6

Manual Integrations
APPROVED

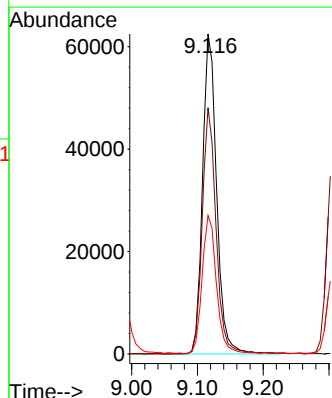
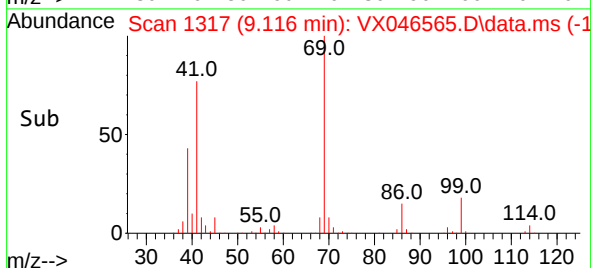
Reviewed By :John Carlone 06/09/2025
Supervised By :Semsettin Yesilyurt 06/09/2025

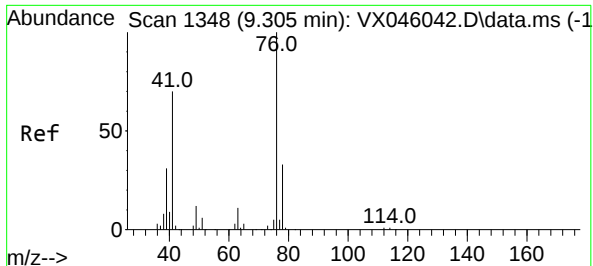


#56
Ethyl methacrylate
Concen: 54.528 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06



Tgt Ion: 69 Resp: 93070
Ion Ratio Lower Upper
69 100
41 75.6 60.8 91.2
39 43.8 39.0 58.6





#57

1,3-Dichloropropane

Concen: 51.579 ug/l

RT: 9.311 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX046565.D

Acq: 07 Jun 2025 08:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 101099

Ion Ratio Lower Upper

76 100

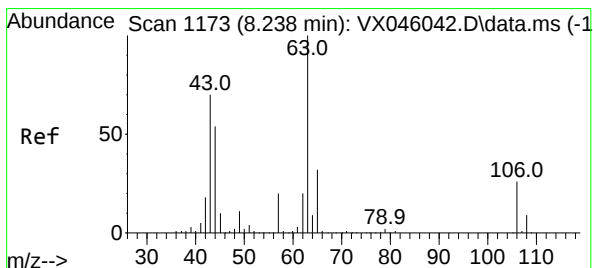
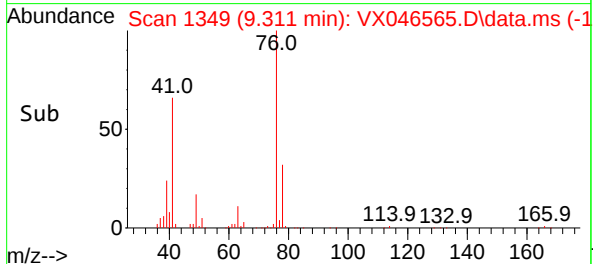
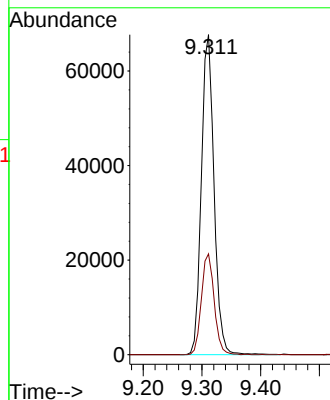
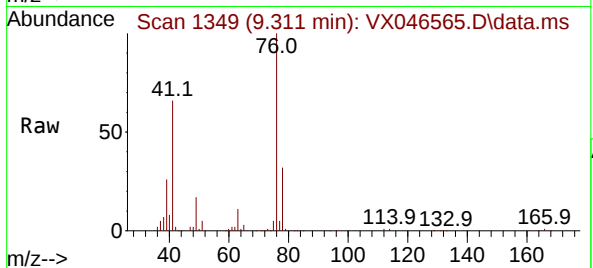
78 31.9 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2025

Supervised By :Semsettin Yesilyurt 06/09/2025



#58

2-Chloroethyl Vinyl ether

Concen: 245.495 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX046565.D

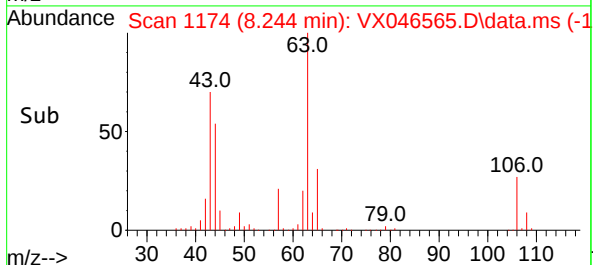
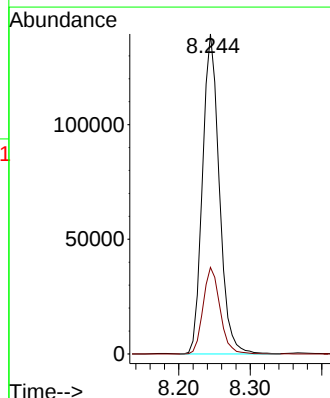
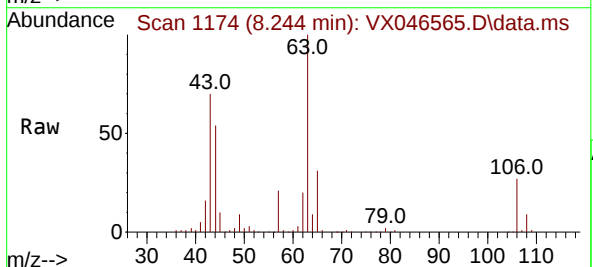
Acq: 07 Jun 2025 08:06

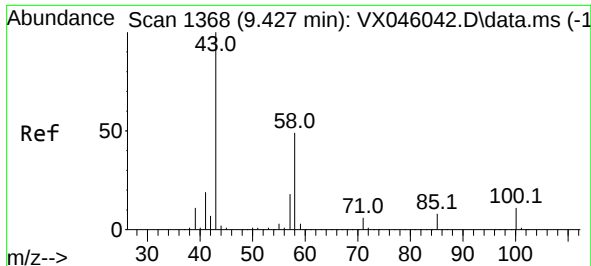
Tgt Ion: 63 Resp: 228237

Ion Ratio Lower Upper

63 100

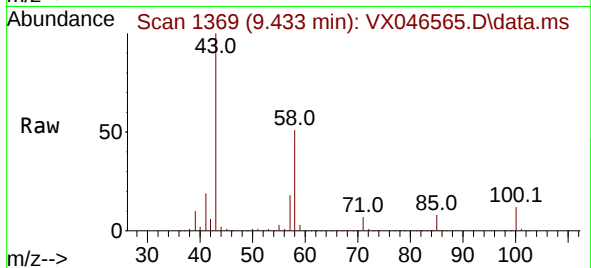
106 27.2 21.5 32.3





#59
2-Hexanone
Concen: 246.505 ug/l
RT: 9.433 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

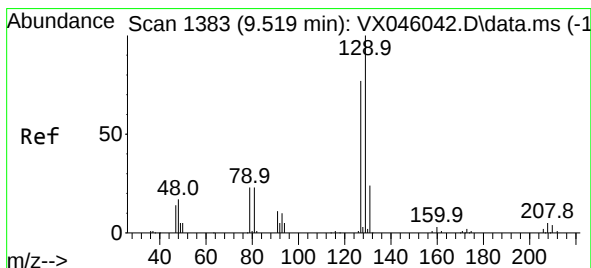
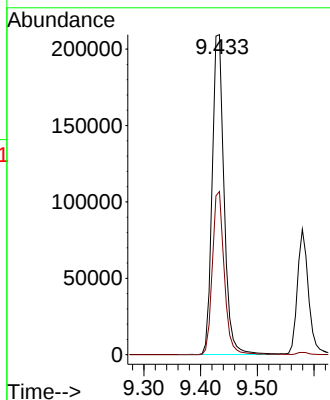
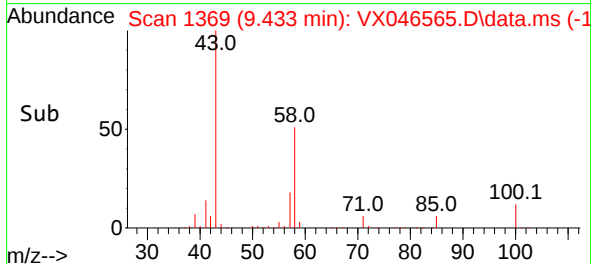
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 305360
Ion Ratio Lower Upper
43 100
58 51.0 24.9 74.6

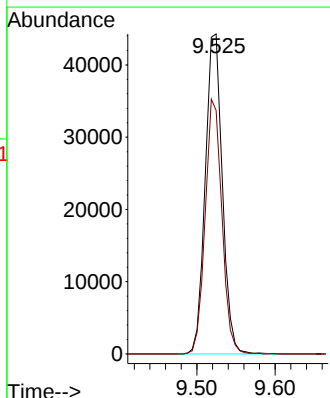
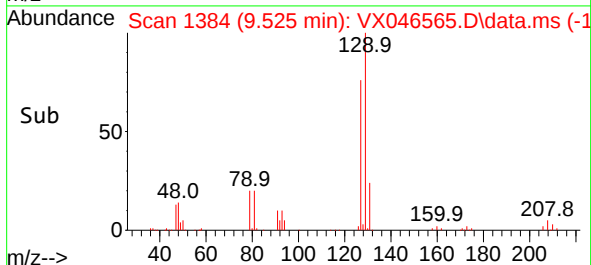
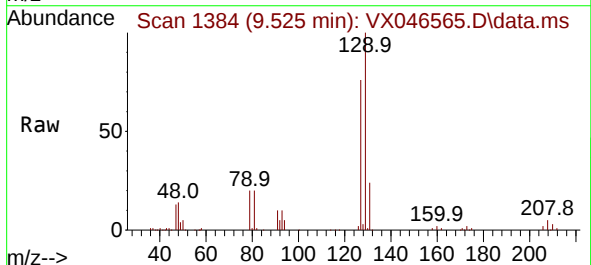
Manual Integrations
APPROVED

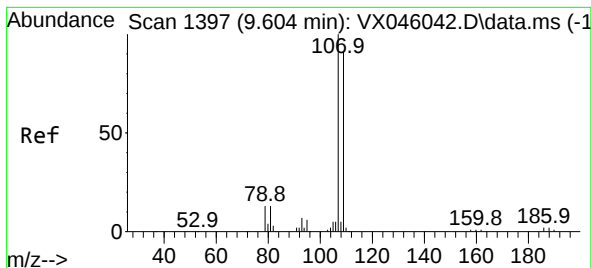
Reviewed By :John Carlone 06/09/2025
Supervised By :Semsettin Yesilyurt 06/09/2025



#60
Dibromochloromethane
Concen: 51.341 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

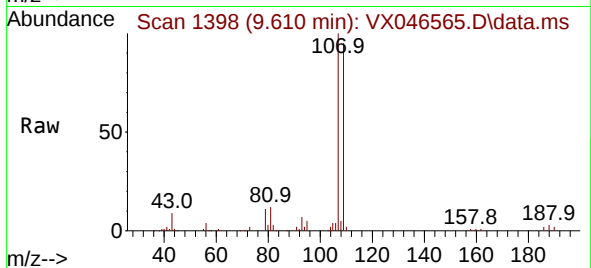
Tgt Ion:129 Resp: 66983
Ion Ratio Lower Upper
129 100
127 77.9 39.3 117.8





#61
1,2-Dibromoethane
Concen: 50.576 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

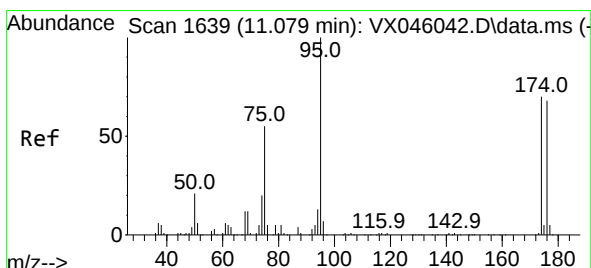
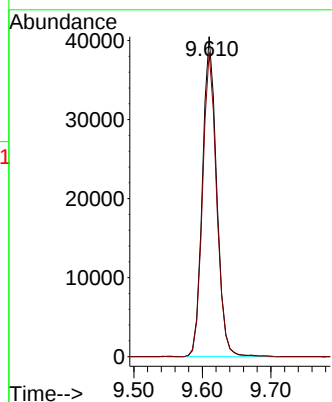
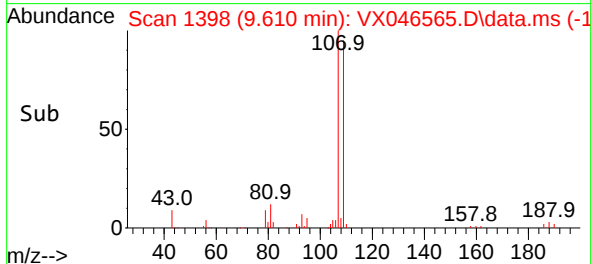
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 58456
Ion Ratio Lower Upper
107 100
109 94.2 73.3 109.9

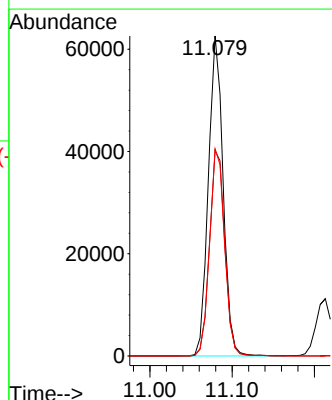
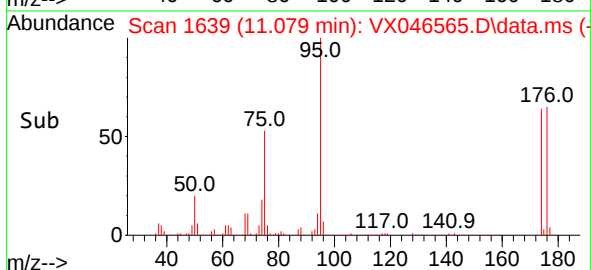
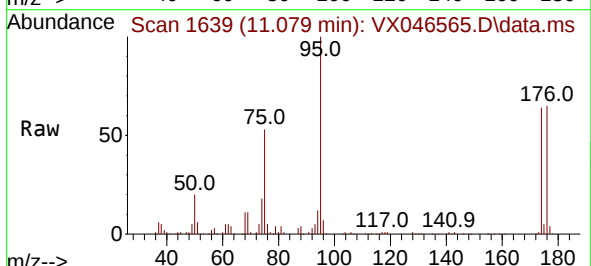
Manual Integrations
APPROVED

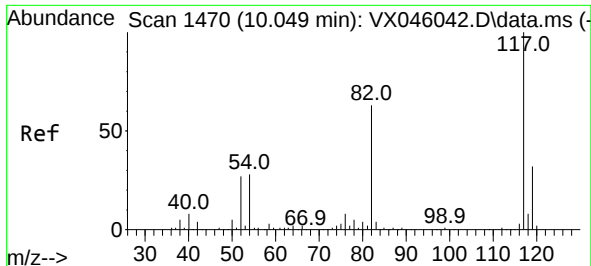
Reviewed By :John Carlone 06/09/2025
Supervised By :Semsettin Yesilyurt 06/09/2025



#62
4-Bromofluorobenzene
Concen: 51.012 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

Tgt Ion: 95 Resp: 77819
Ion Ratio Lower Upper
95 100
174 66.7 0.0 135.8
176 65.5 0.0 131.4





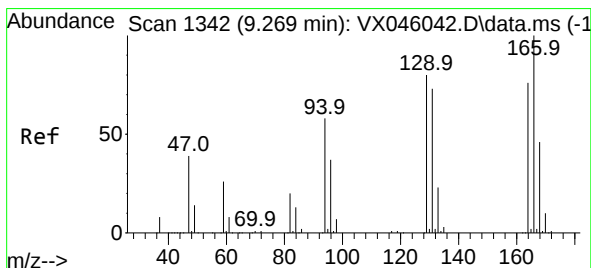
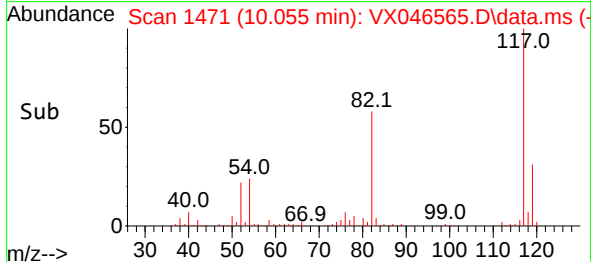
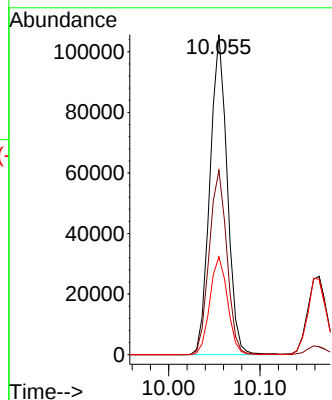
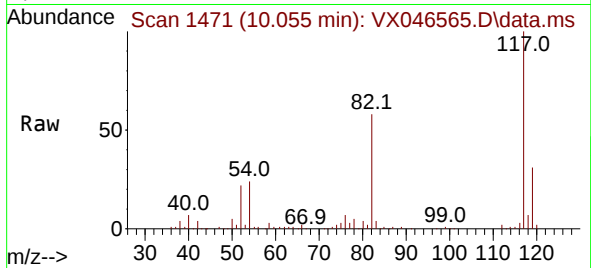
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 13814
Ion Ratio Lower Upper
117 100
82 57.6 50.6 76.0
119 30.6 25.8 38.6

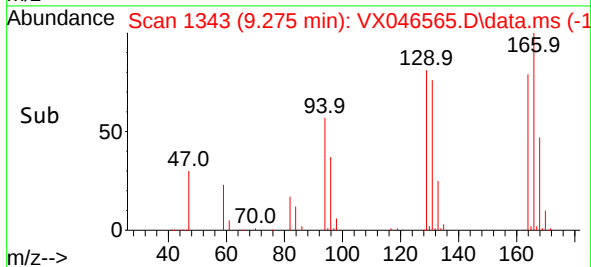
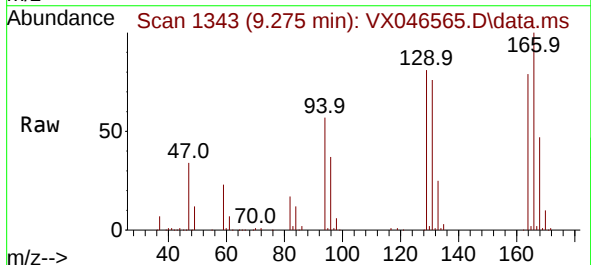
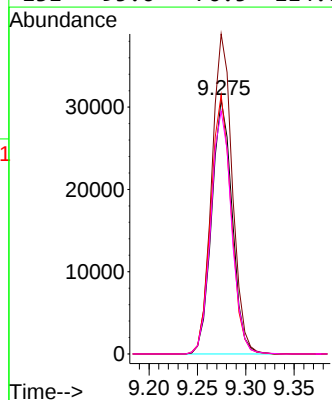
Manual Integrations
APPROVED

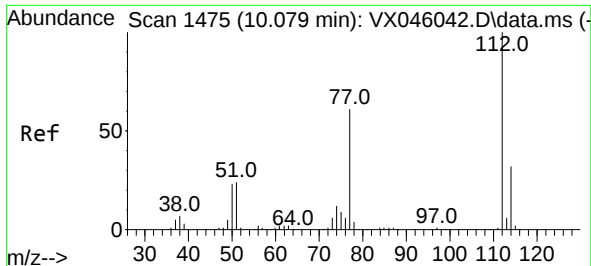
Reviewed By :John Carlone 06/09/2025
Supervised By :Semsettin Yesilyurt 06/09/2025



#64
Tetrachloroethene
Concen: 49.182 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

Tgt Ion:164 Resp: 45433
Ion Ratio Lower Upper
164 100
166 125.9 105.0 157.6
129 101.9 83.5 125.3
131 95.6 76.5 114.7





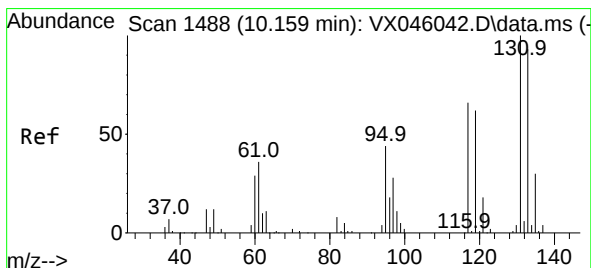
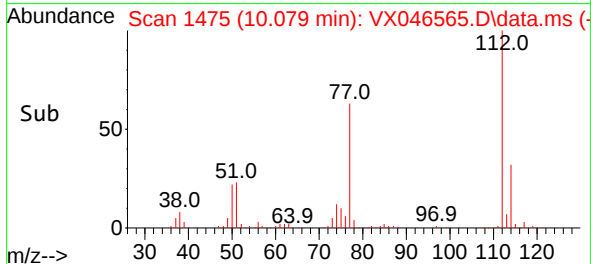
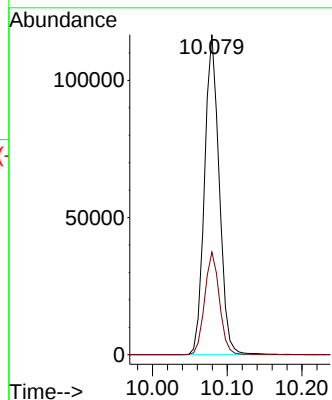
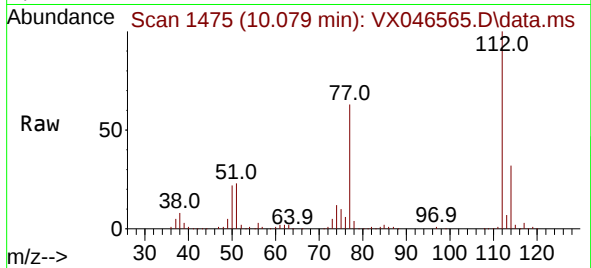
#65
Chlorobenzene
Concen: 49.026 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 15928
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2

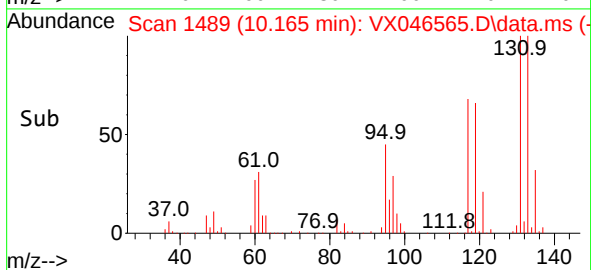
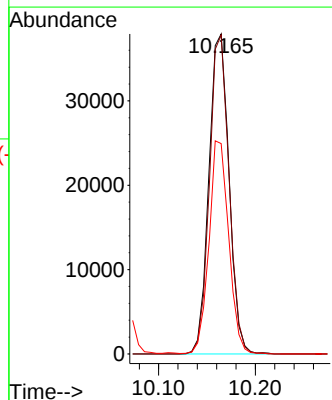
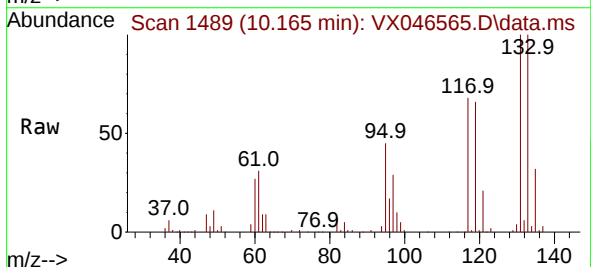
Manual Integrations
APPROVED

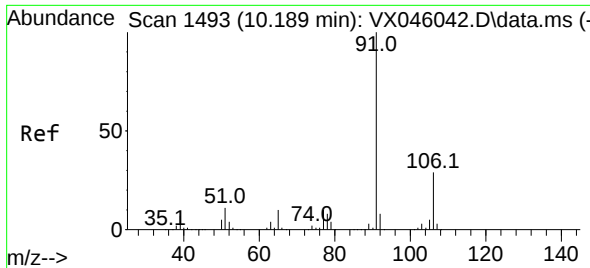
Reviewed By :John Carlone 06/09/2025
Supervised By :Semsettin Yesilyurt 06/09/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 49.985 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

Tgt Ion:131 Resp: 54878
Ion Ratio Lower Upper
131 100
133 97.0 47.3 141.9
119 65.5 31.6 95.0





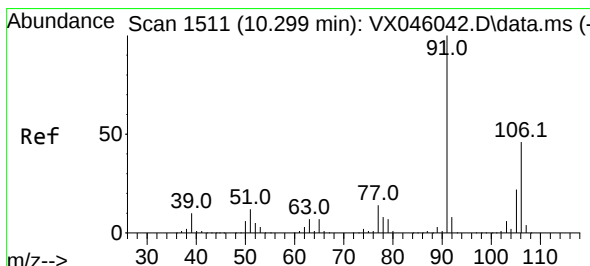
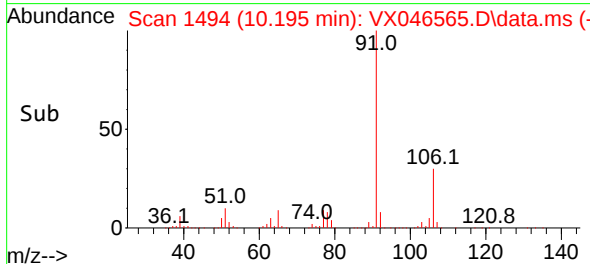
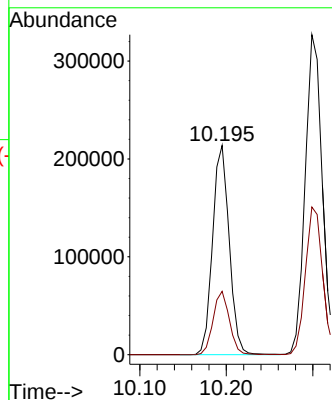
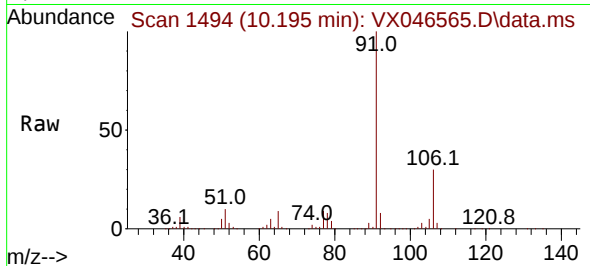
#67
Ethyl Benzene
Concen: 50.248 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 285004
Ion Ratio Lower Upper
91 100
106 30.3 23.4 35.2

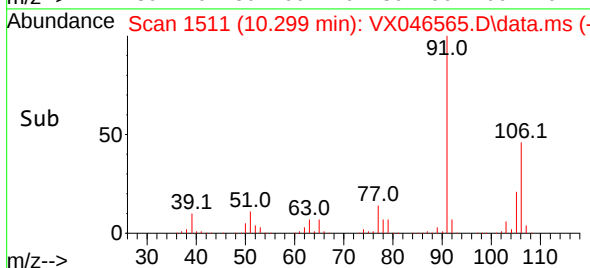
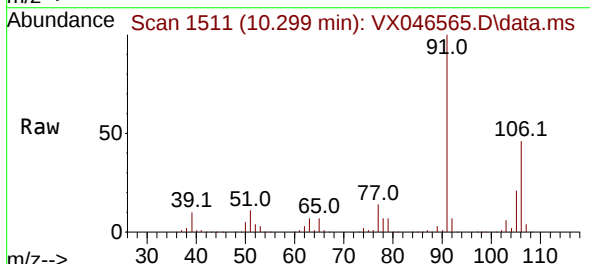
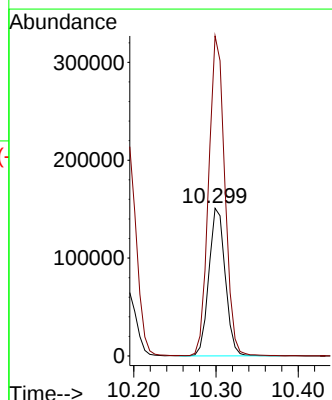
Manual Integrations
APPROVED

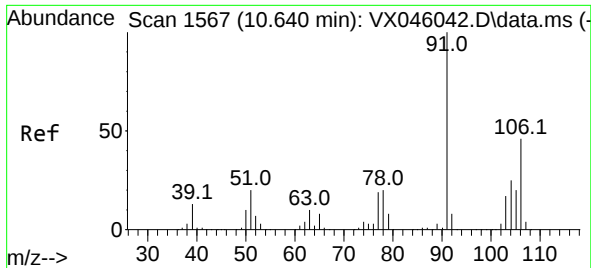
Reviewed By :John Carlone 06/09/2025
Supervised By :Semsettin Yesilyurt 06/09/2025



#68
m/p-Xylenes
Concen: 101.431 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

Tgt Ion:106 Resp: 208696
Ion Ratio Lower Upper
106 100
91 214.3 171.2 256.8





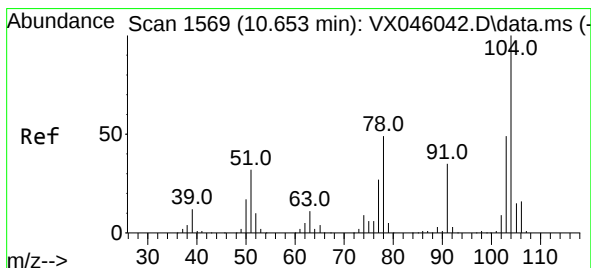
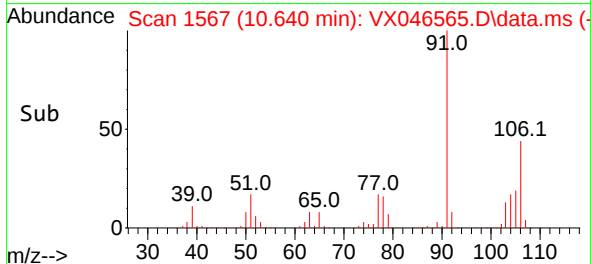
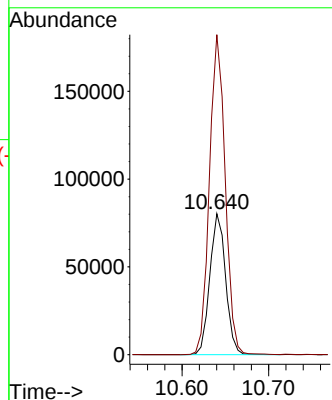
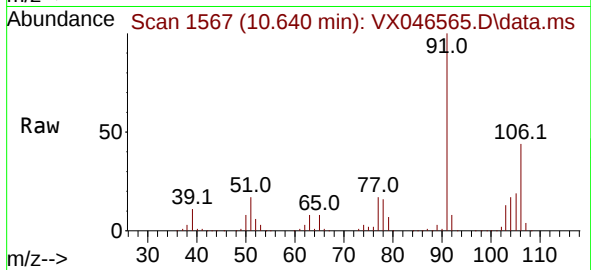
#69
o-Xylene
Concen: 51.073 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 10164
Ion Ratio Lower Upper
106 100
91 226.2 112.7 338.1

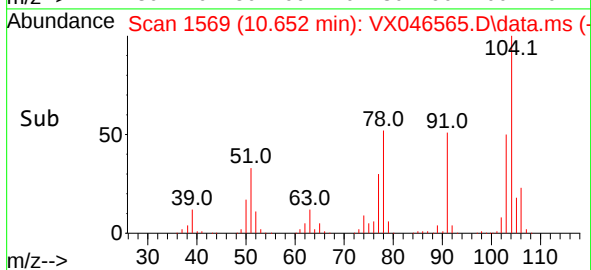
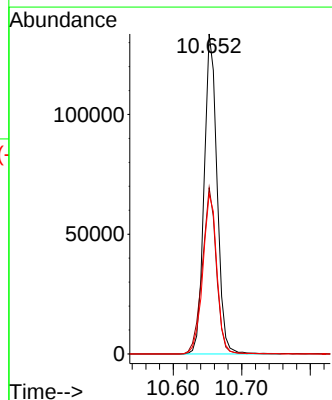
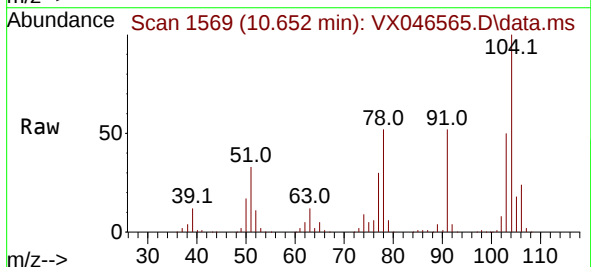
Manual Integrations
APPROVED

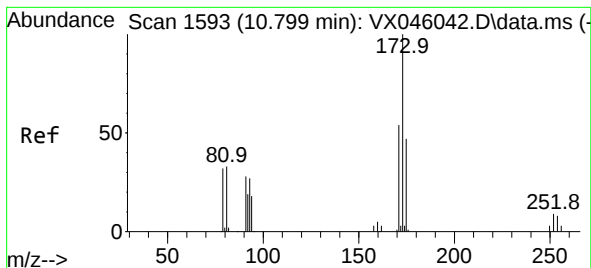
Reviewed By :John Carlone 06/09/2025
Supervised By :Semsettin Yesilyurt 06/09/2025



#70
Styrene
Concen: 51.651 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

Tgt Ion:104 Resp: 175957
Ion Ratio Lower Upper
104 100
78 56.3 45.7 68.5
103 54.3 43.7 65.5





#71

Bromoform

Concen: 50.000 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046565.D

Acq: 07 Jun 2025 08:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

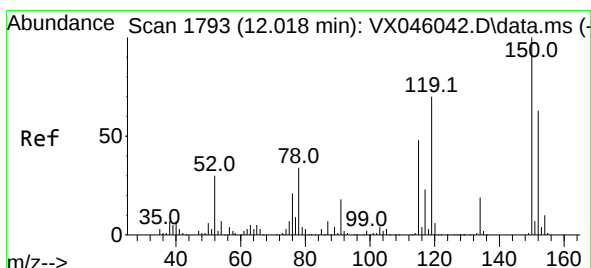
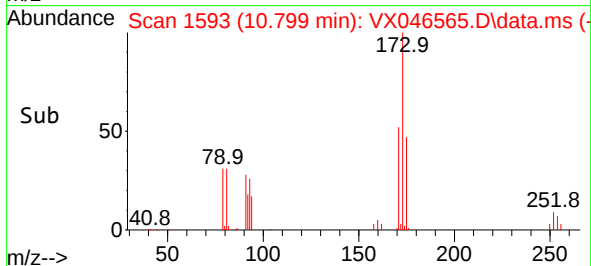
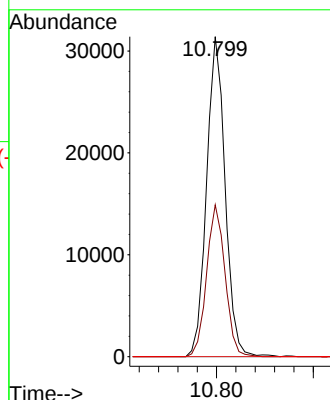
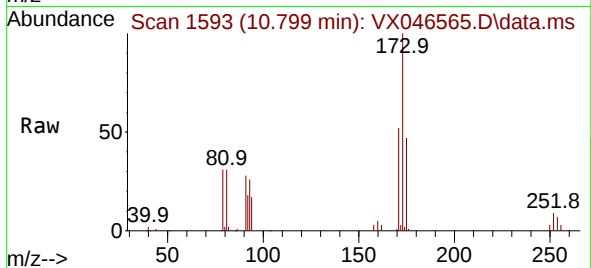
Tgt Ion:173	Resp: 4185
Ion Ratio	Lower Upper
173 100	
175 47.2	23.4 70.0
254 0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2025

Supervised By :Semsettin Yesilyurt 06/09/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

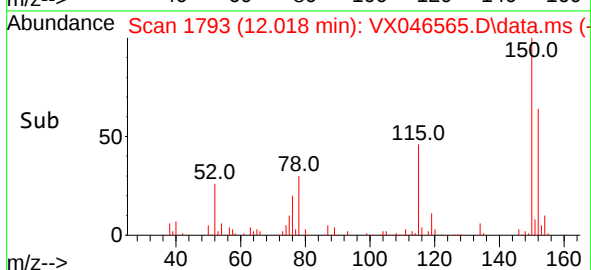
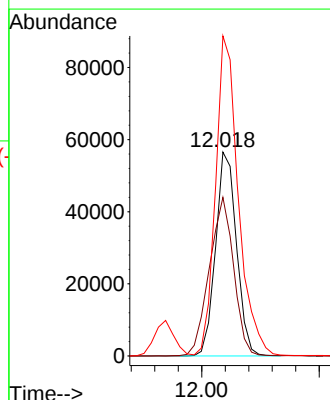
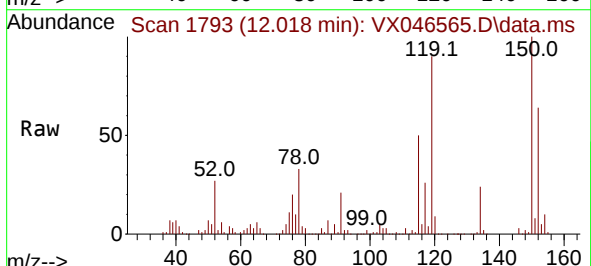
RT: 12.018 min Scan# 1793

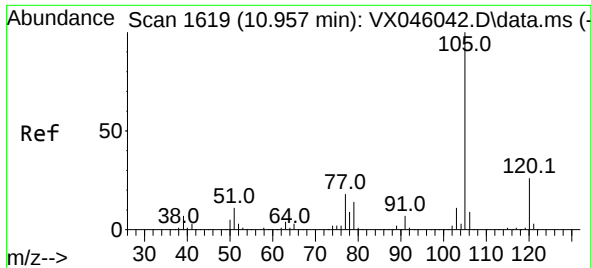
Delta R.T. -0.006 min

Lab File: VX046565.D

Acq: 07 Jun 2025 08:06

Tgt Ion:152	Resp: 69898
Ion Ratio	Lower Upper
152 100	
115 90.7	46.9 140.7
150 171.7	0.0 351.0





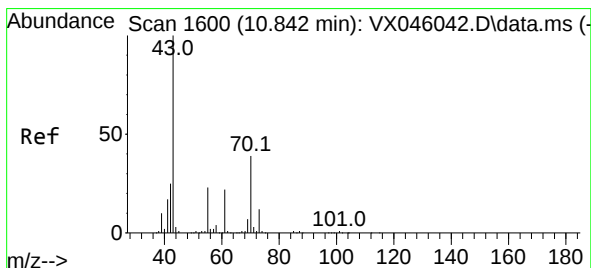
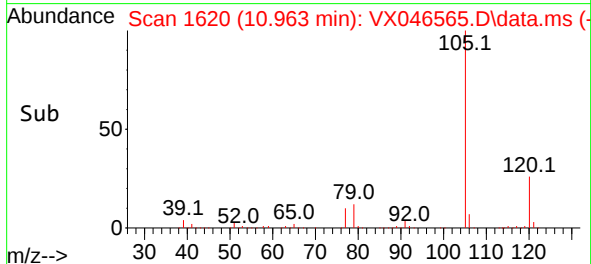
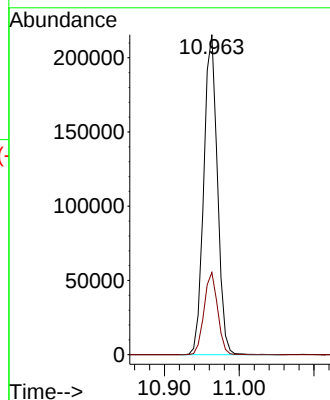
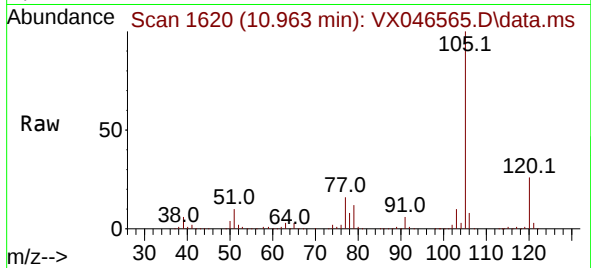
#73
Isopropylbenzene
Concen: 49.579 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 27242
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.4

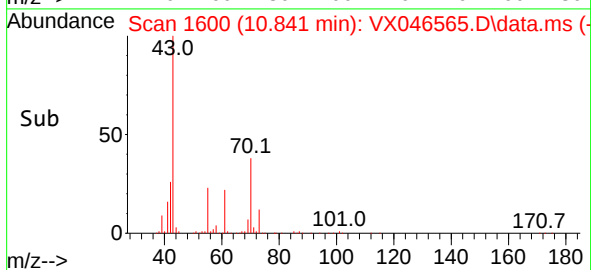
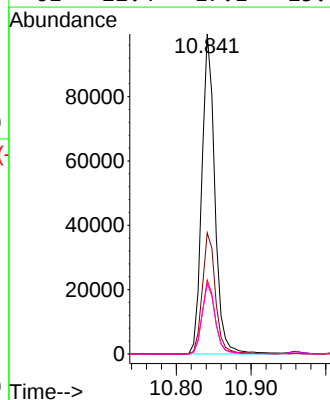
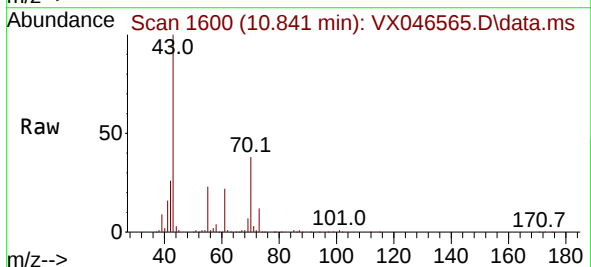
Manual Integrations
APPROVED

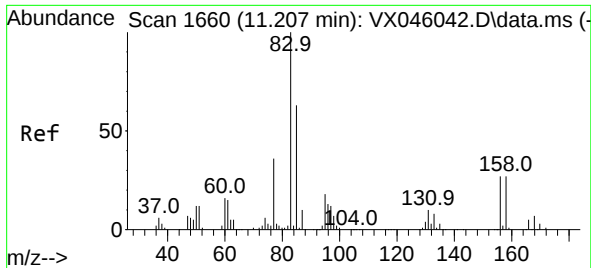
Reviewed By :John Carlone 06/09/2025
Supervised By :Semsettin Yesilyurt 06/09/2025



#74
N-ethyl acetate
Concen: 49.543 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

Tgt Ion: 43 Resp: 119880
Ion Ratio Lower Upper
43 100
70 38.5 30.9 46.3
55 23.2 18.7 28.1
61 22.4 17.1 25.7





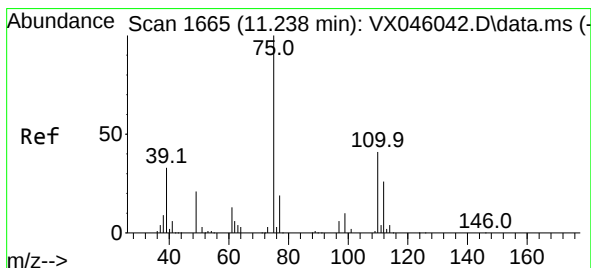
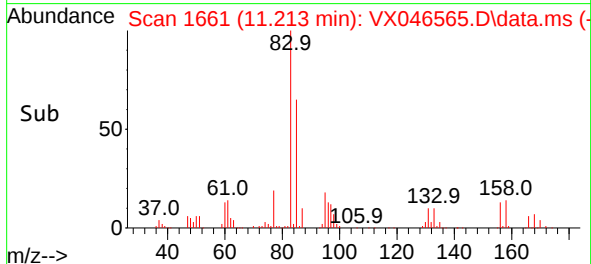
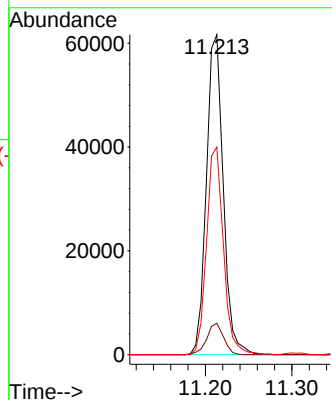
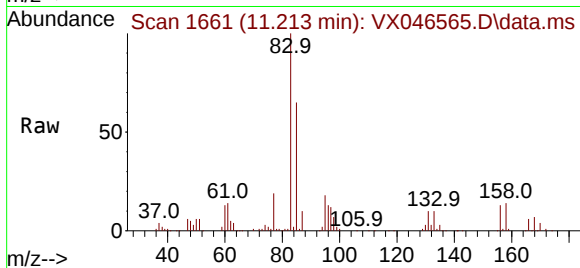
#75
1,1,2,2-Tetrachloroethane
Concen: 47.350 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 8327
Ion Ratio Lower Upper
83 100
131 9.8 5.0 14.9
85 65.0 31.9 95.7

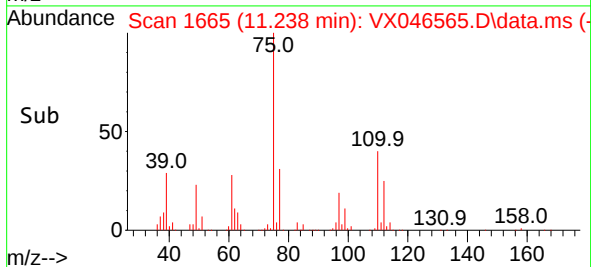
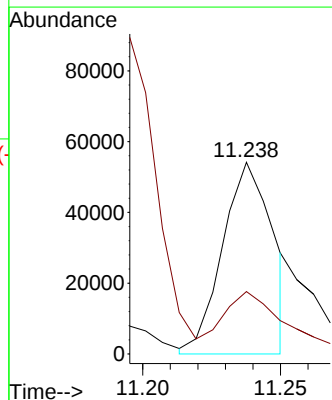
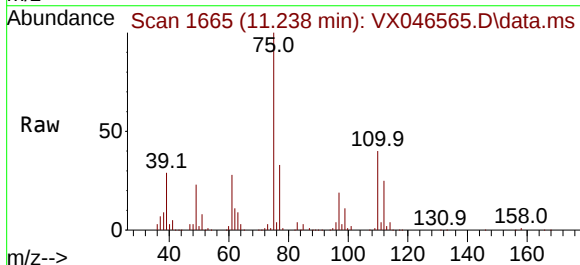
Manual Integrations
APPROVED

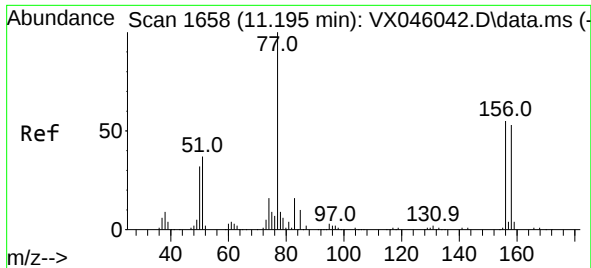
Reviewed By :John Carlone 06/09/2025
Supervised By :Semsettin Yesilyurt 06/09/2025



#76
1,2,3-Trichloropropane
Concen: 46.484 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

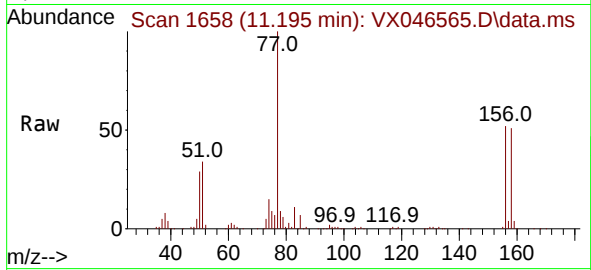
Tgt Ion: 75 Resp: 68821
Ion Ratio Lower Upper
75 100
77 41.2 20.5 61.5





#77
Bromobenzene
Concen: 48.817 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

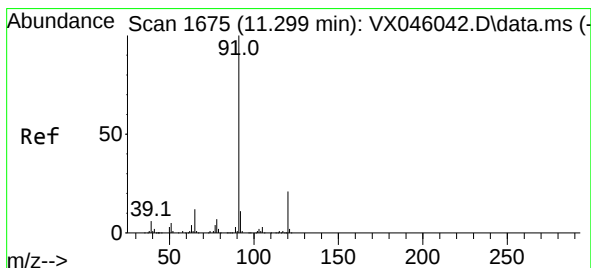
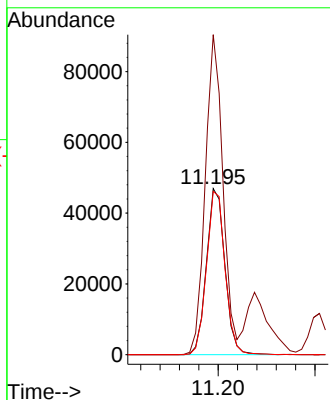
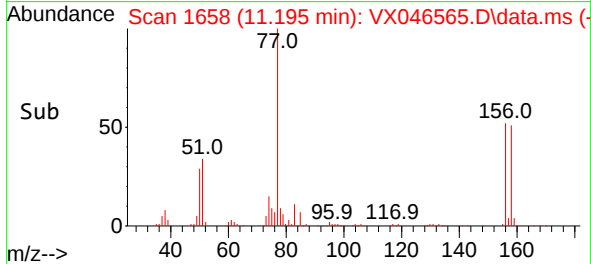
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



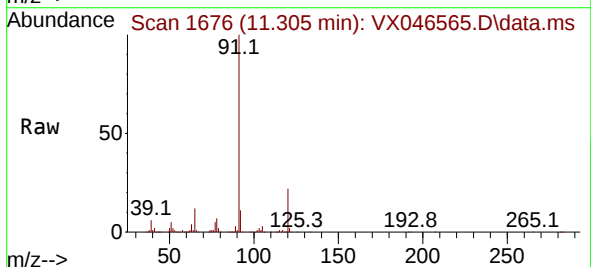
Tgt Ion:156 Resp: 62259
Ion Ratio Lower Upper
156 100
77 183.8 92.8 278.3
158 99.1 48.8 146.3

Manual Integrations
APPROVED

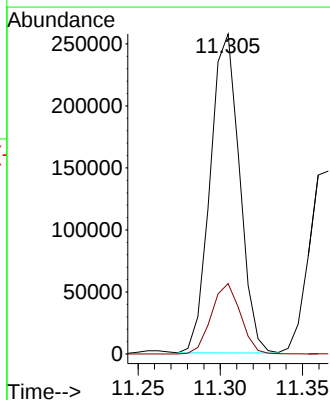
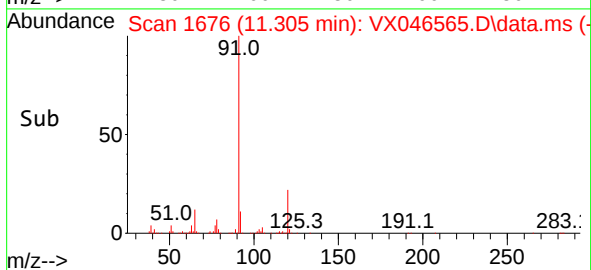
Reviewed By :John Carlone 06/09/2025
Supervised By :Semsettin Yesilyurt 06/09/2025

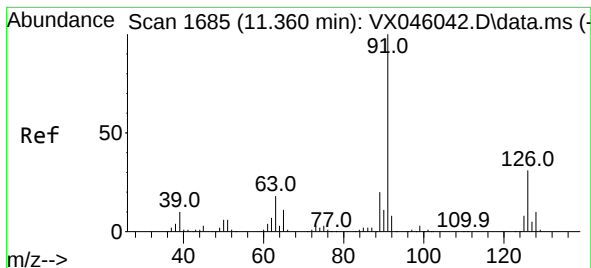


#78
n-propylbenzene
Concen: 47.988 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06



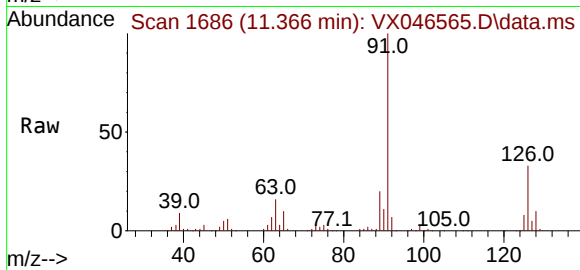
Tgt Ion: 91 Resp: 319146
Ion Ratio Lower Upper
91 100
120 21.9 10.8 32.4





#79
2-Chlorotoluene
Concen: 48.278 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

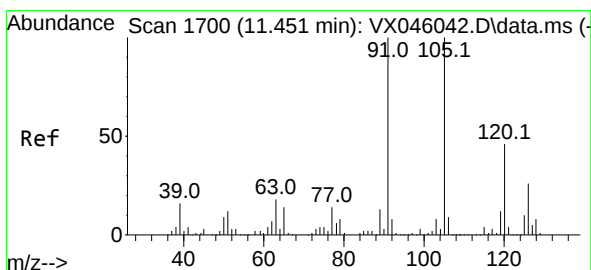
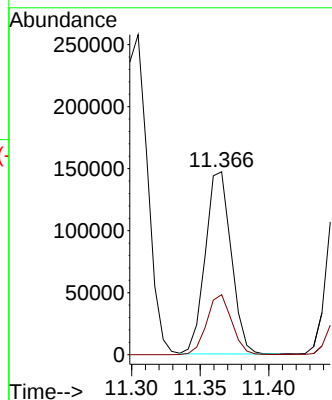
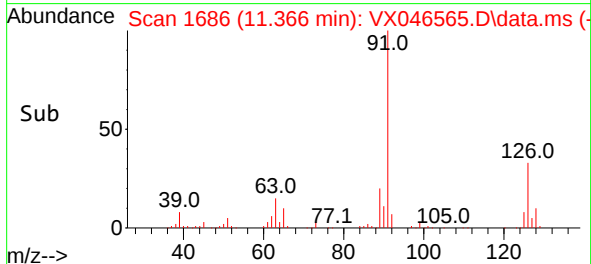
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 193617
Ion Ratio Lower Upper
91 100
126 31.8 15.6 46.7

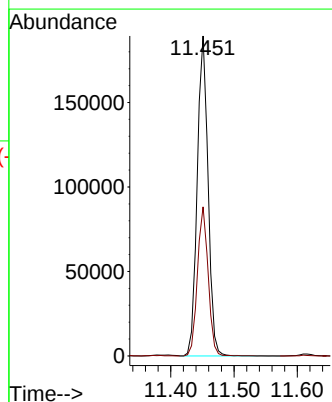
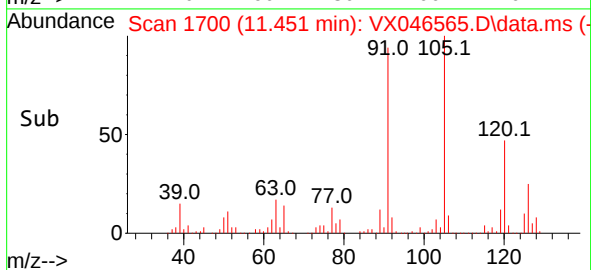
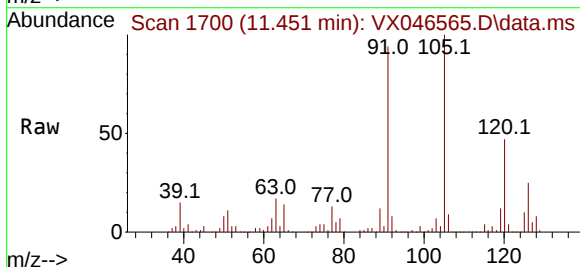
Manual Integrations
APPROVED

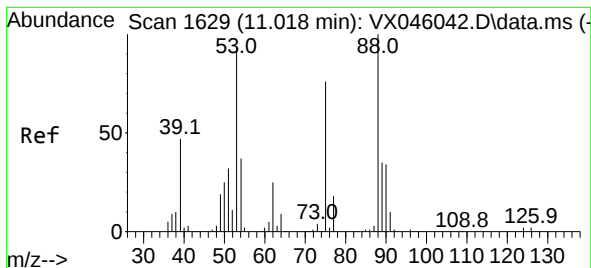
Reviewed By :John Carlone 06/09/2025
Supervised By :Semsettin Yesilyurt 06/09/2025



#80
1,3,5-Trimethylbenzene
Concen: 49.325 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

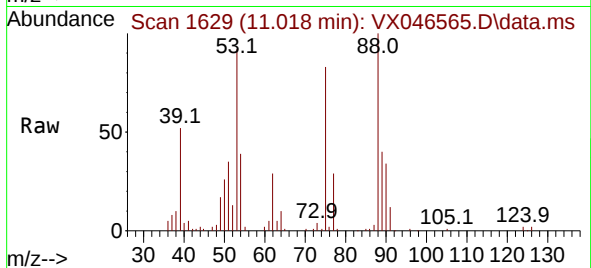
Tgt Ion:105 Resp: 225847
Ion Ratio Lower Upper
105 100
120 46.2 23.1 69.2





#81
trans-1,4-Dichloro-2-butene
Concen: 38.443 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

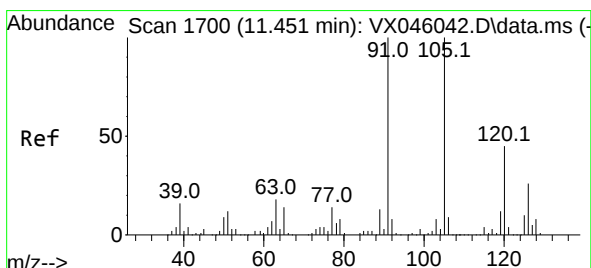
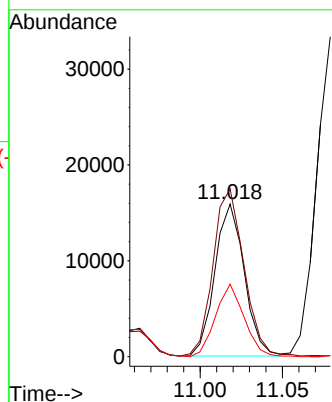
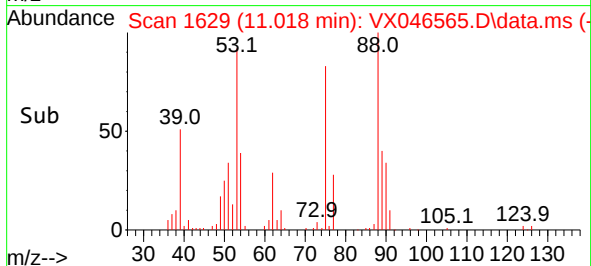
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



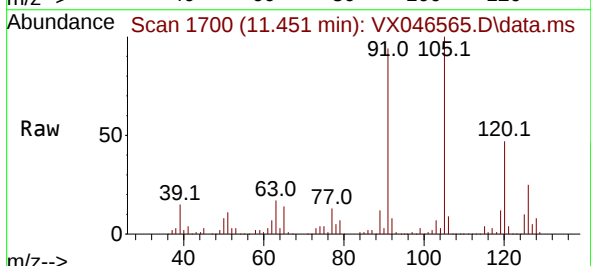
Tgt Ion: 75 Resp: 1973
Ion Ratio Lower Upper
75 100
53 117.5 100.5 150.7
89 46.3 37.0 55.6

Manual Integrations
APPROVED

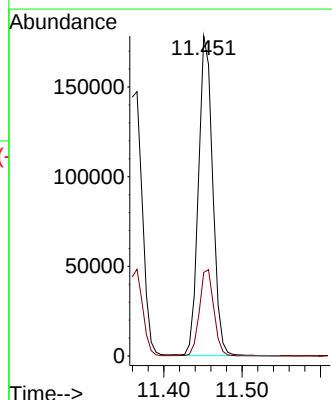
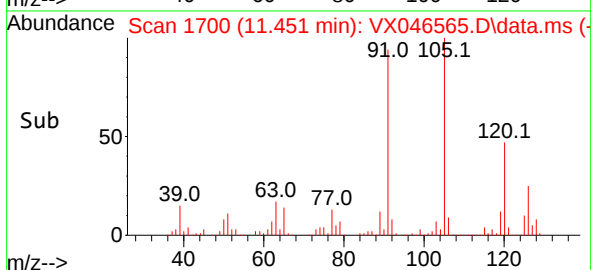
Reviewed By :John Carlone 06/09/2025
Supervised By :Semsettin Yesilyurt 06/09/2025

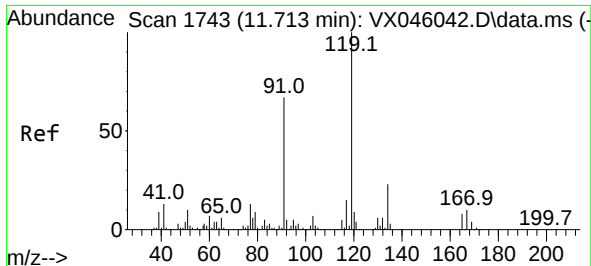


#82
4-Chlorotoluene
Concen: 47.390 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06



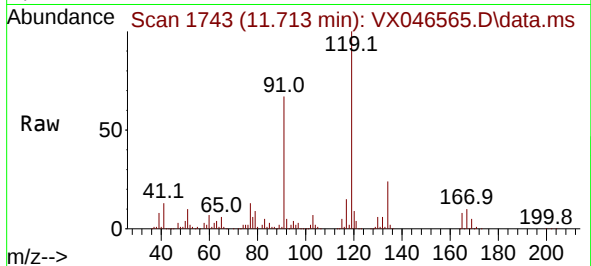
Tgt Ion: 91 Resp: 225276
Ion Ratio Lower Upper
91 100
126 27.5 13.3 39.8





#83
 tert-Butylbenzene
 Concen: 48.646 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: VX046565.D
 Acq: 07 Jun 2025 08:06

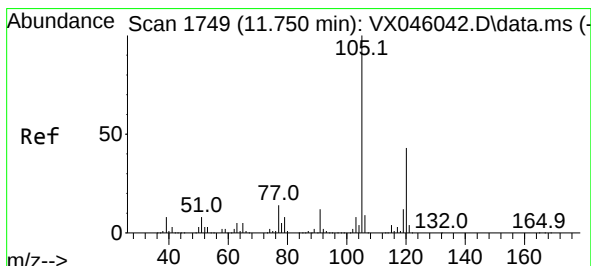
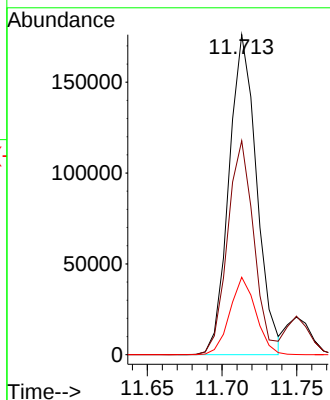
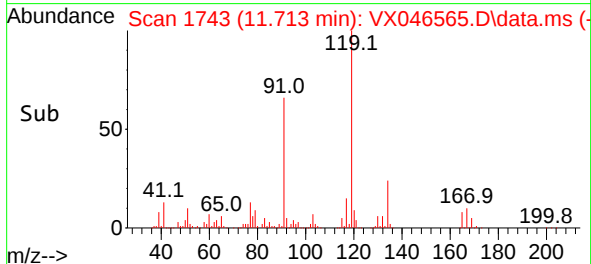
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:119 Resp: 226743
 Ion Ratio Lower Upper
 119 100
 91 64.1 32.9 98.7
 134 22.8 11.4 34.1

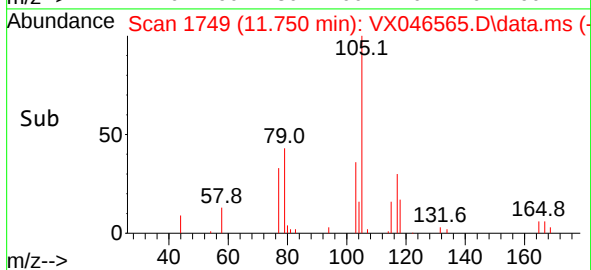
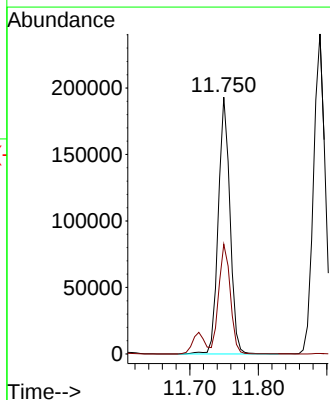
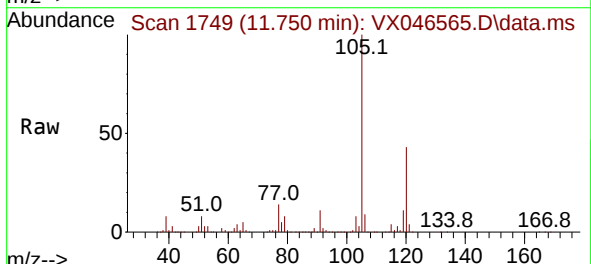
Manual Integrations
 APPROVED

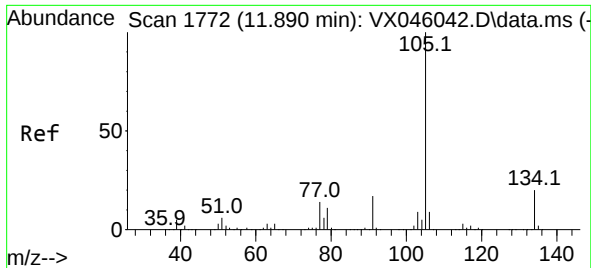
Reviewed By :John Carlone 06/09/2025
 Supervised By :Semsettin Yesilyurt 06/09/2025



#84
 1,2,4-Trimethylbenzene
 Concen: 48.899 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX046565.D
 Acq: 07 Jun 2025 08:06

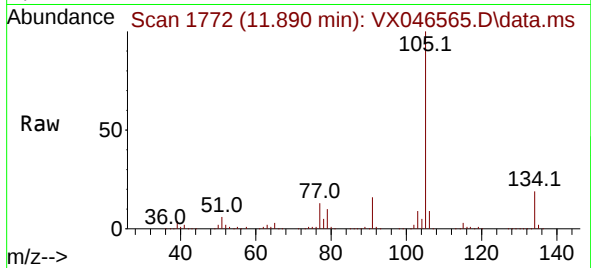
Tgt Ion:105 Resp: 226502
 Ion Ratio Lower Upper
 105 100
 120 42.4 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 47.753 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046565.D
 Acq: 07 Jun 2025 08:06

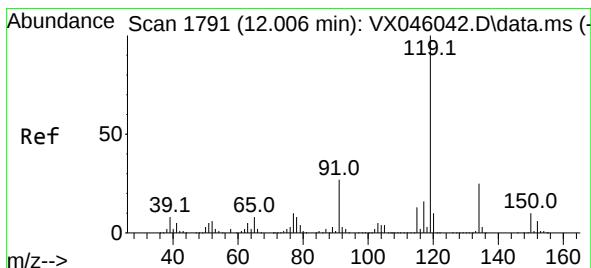
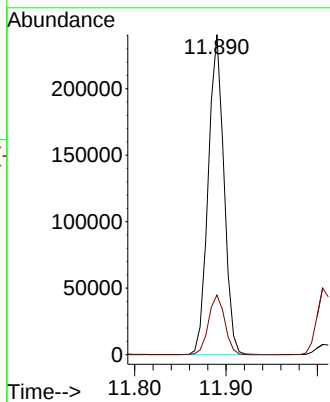
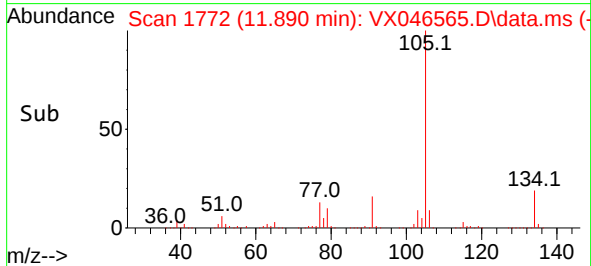
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



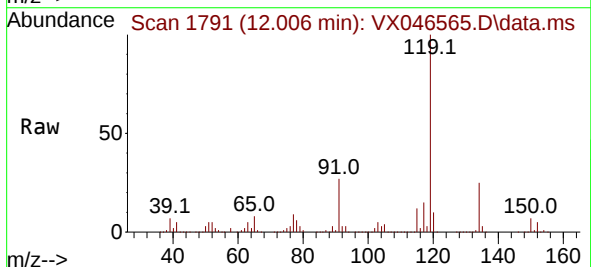
Tgt Ion:105 Resp: 286000
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 29.1

Manual Integrations
 APPROVED

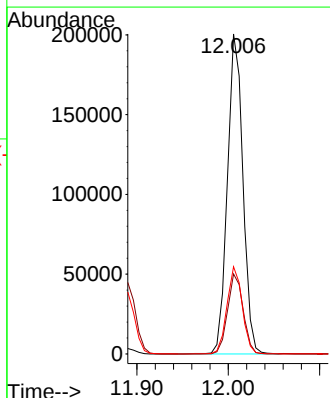
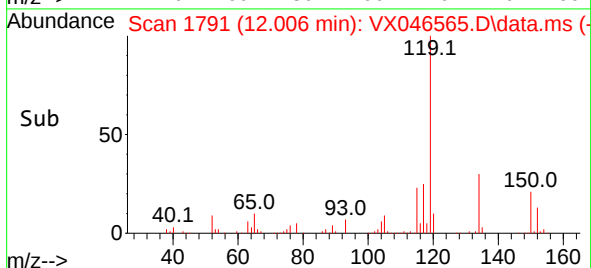
Reviewed By :John Carlone 06/09/2025
 Supervised By :Semsettin Yesilyurt 06/09/2025

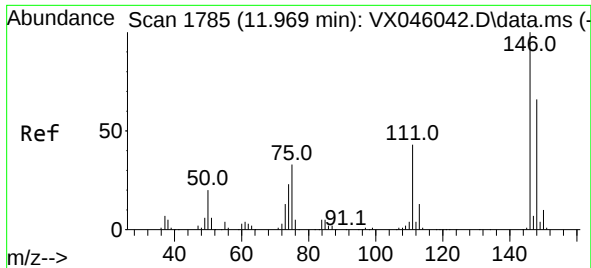


#86
 p-Isopropyltoluene
 Concen: 47.267 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046565.D
 Acq: 07 Jun 2025 08:06



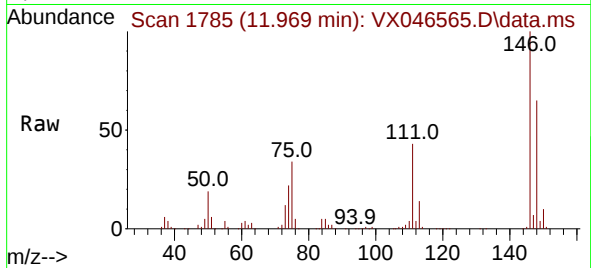
Tgt Ion:119 Resp: 235997
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.5 37.5
 91 26.9 13.8 41.4





#87
1,3-Dichlorobenzene
Concen: 47.298 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

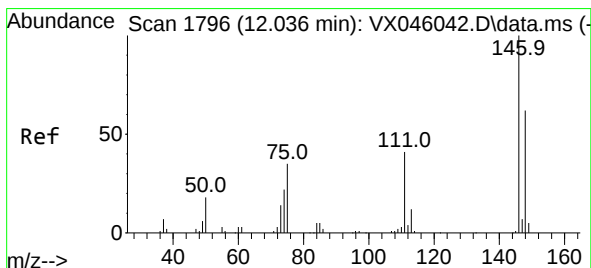
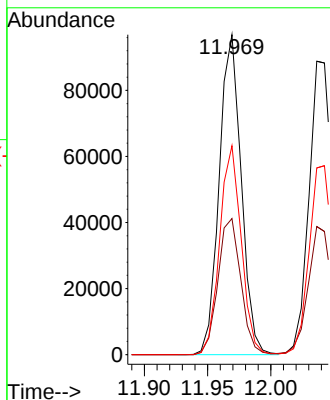
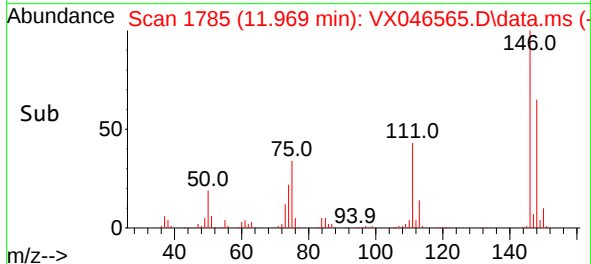
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



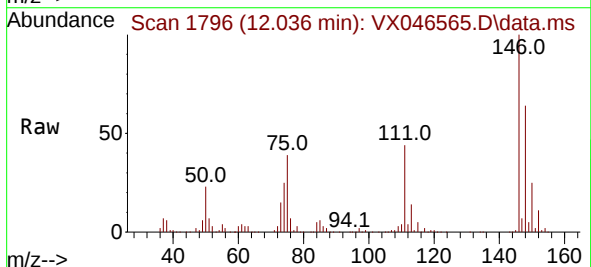
Tgt Ion:146 Resp: 11713
Ion Ratio Lower Upper
146 100
111 44.2 22.1 66.3
148 63.9 32.1 96.5

Manual Integrations
APPROVED

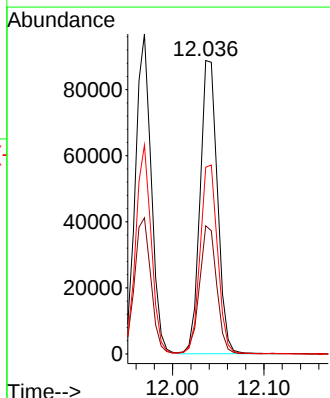
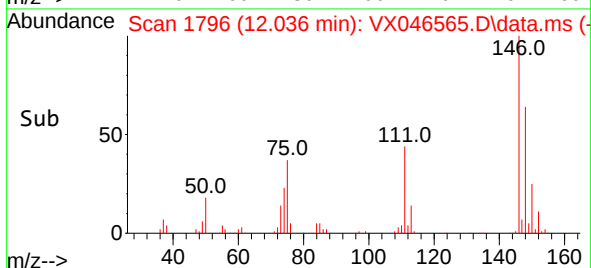
Reviewed By :John Carlone 06/09/2025
Supervised By :Semsettin Yesilyurt 06/09/2025

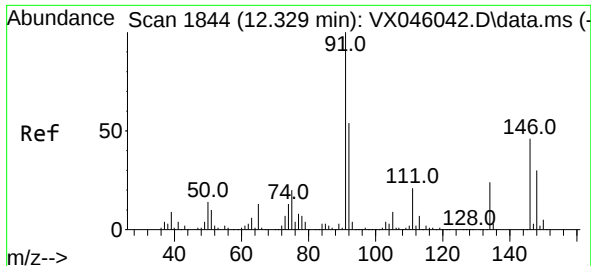


#88
1,4-Dichlorobenzene
Concen: 45.552 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.006 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06



Tgt Ion:146 Resp: 116897
Ion Ratio Lower Upper
146 100
111 43.4 21.3 63.9
148 64.5 31.9 95.5





#89

n-Butylbenzene

Concen: 44.749 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX046565.D

Acq: 07 Jun 2025 08:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 21941

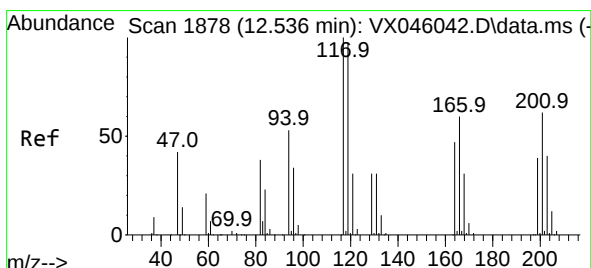
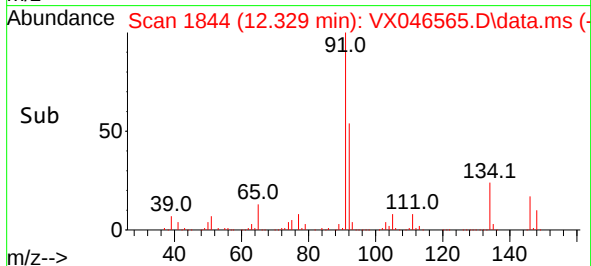
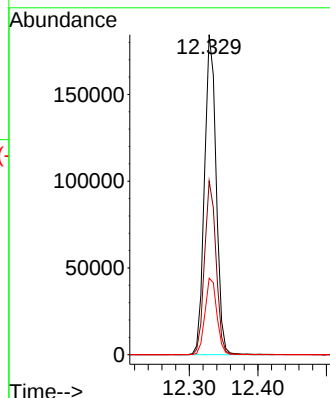
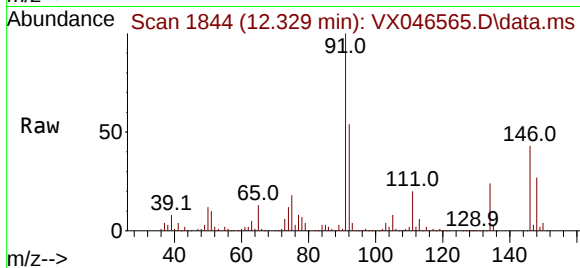
Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.9	80.7
134	24.3	11.8	35.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/09/2025

Supervised By :Semsettin Yesilyurt 06/09/2025



#90

Hexachloroethane

Concen: 47.155 ug/l

RT: 12.536 min Scan# 1878

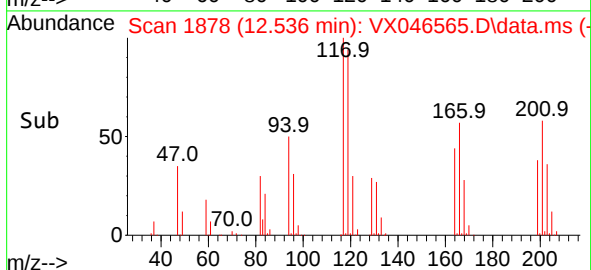
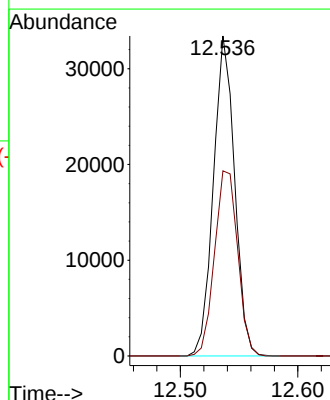
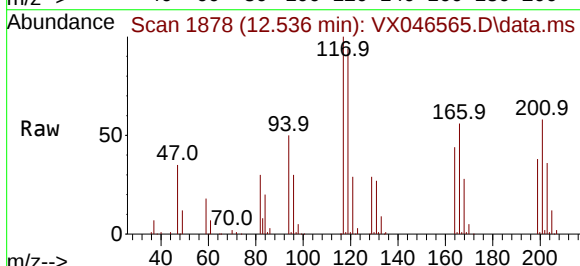
Delta R.T. 0.000 min

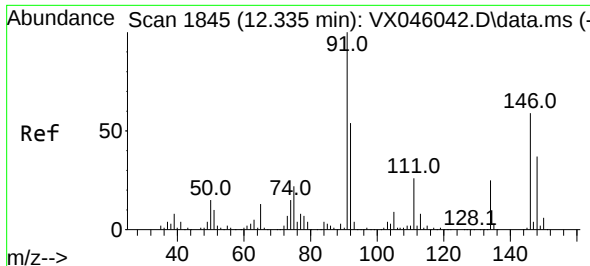
Lab File: VX046565.D

Acq: 07 Jun 2025 08:06

Tgt Ion:117 Resp: 41846

Ion	Ratio	Lower	Upper
117	100		
201	63.3	31.6	94.7





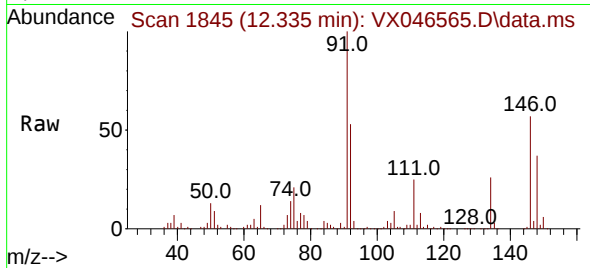
#91
1,2-Dichlorobenzene
Concen: 48.261 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



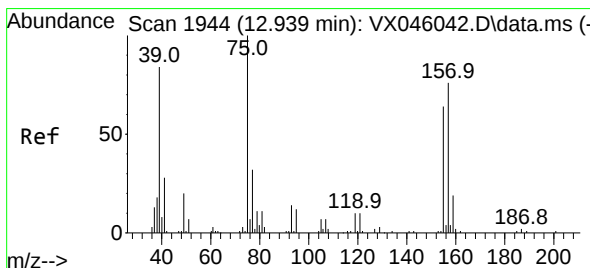
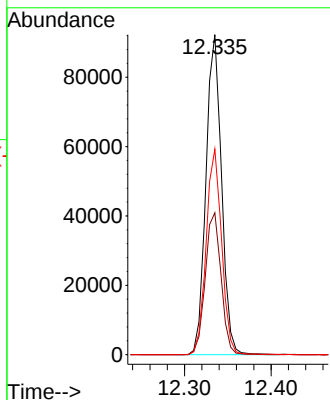
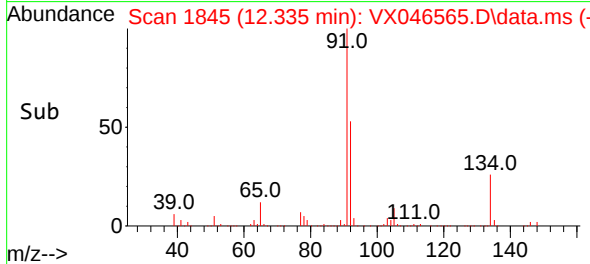
Tgt Ion:146 Resp: 11537
Ion Ratio Lower Upper
146 100
111 45.0 22.4 67.3
148 63.7 31.6 94.8

Manual Integrations

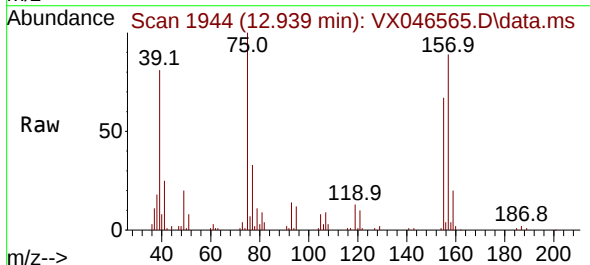
APPROVED

Reviewed By :John Carlone 06/09/2025

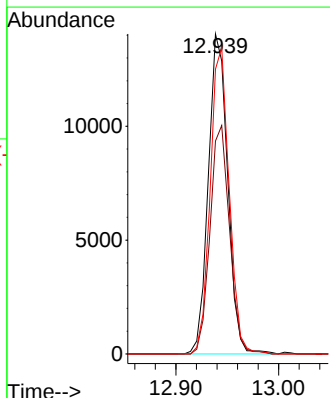
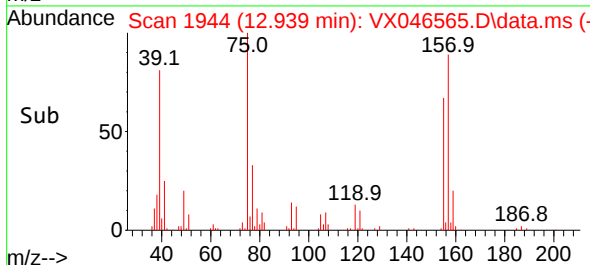
Supervised By :Semsettin Yesilyurt 06/09/2025

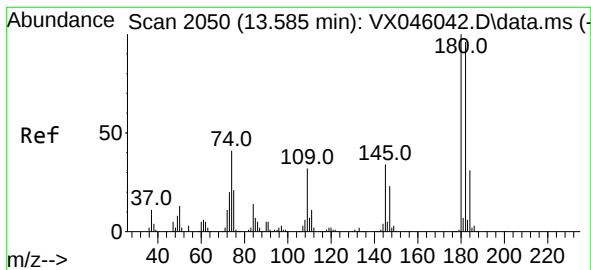


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.844 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06



Tgt Ion: 75 Resp: 18449
Ion Ratio Lower Upper
75 100
155 71.9 34.9 104.8
157 93.7 43.8 131.4





#93
1,2,4-Trichlorobenzene
Concen: 45.309 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

Instrument :

MSVOA_X

ClientSampleId :

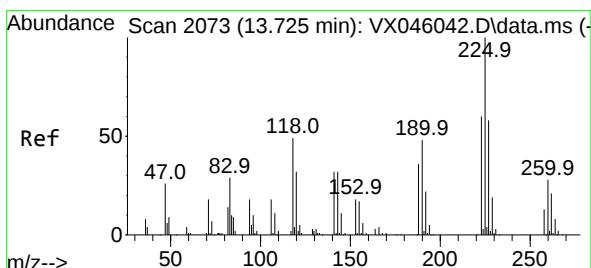
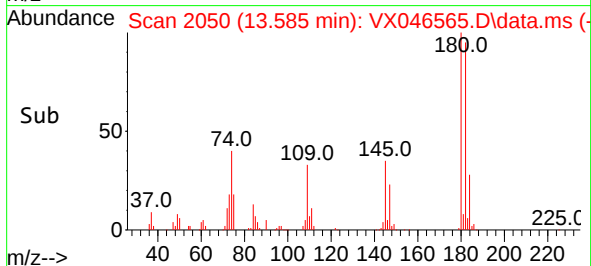
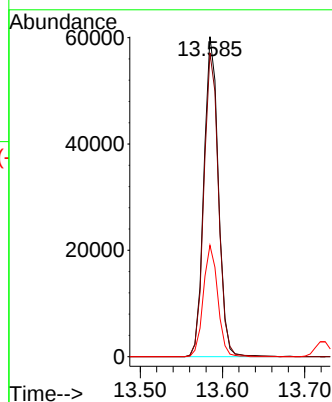
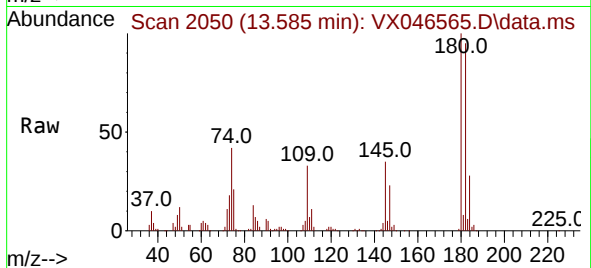
VSTDCCC050EC

Tgt Ion:180 Resp: 7388
Ion Ratio Lower Upper
180 100
182 95.5 47.9 143.8
145 34.5 17.1 51.2

Manual Integrations

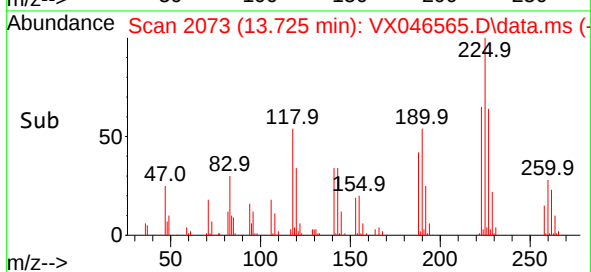
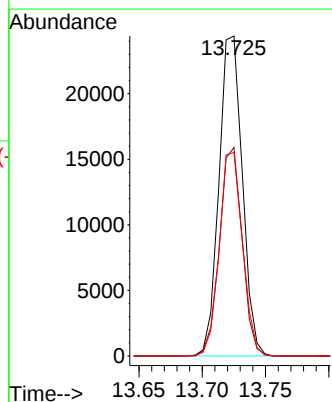
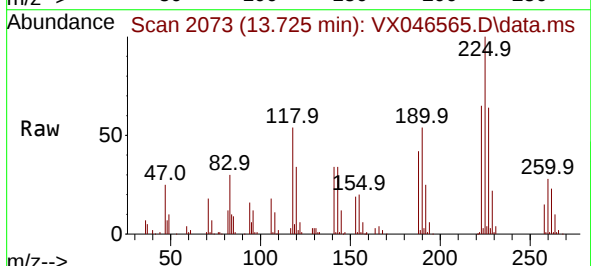
APPROVED

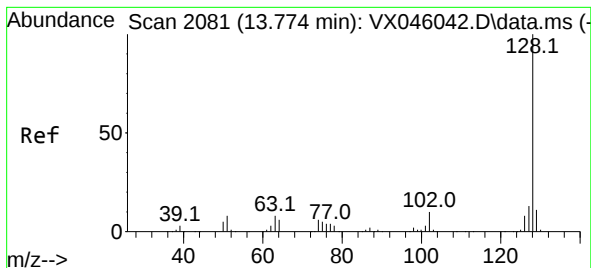
Reviewed By :John Carlone 06/09/2025
Supervised By :Semsettin Yesilyurt 06/09/2025



#94
Hexachlorobutadiene
Concen: 41.294 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

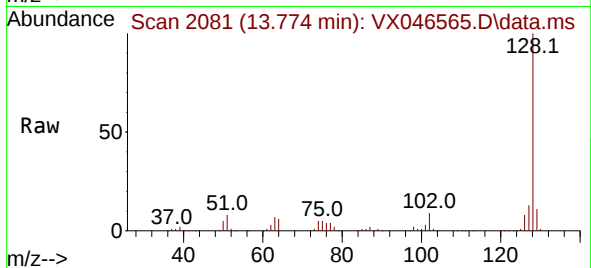
Tgt Ion:225 Resp: 31295
Ion Ratio Lower Upper
225 100
223 63.2 30.8 92.4
227 63.0 30.9 92.7





#95
Naphthalene
Concen: 49.788 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06

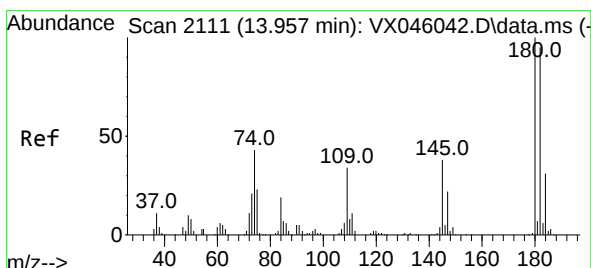
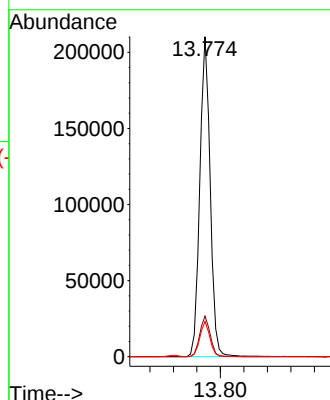
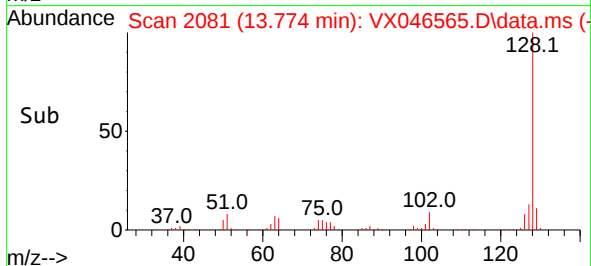
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



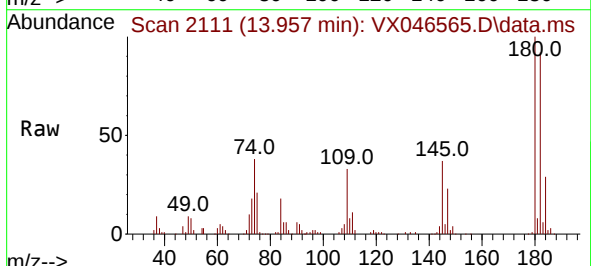
Tgt Ion:128 Resp: 257478
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Semsettin Yesilyurt 06/09/2025



#96
1,2,3-Trichlorobenzene
Concen: 46.018 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046565.D
Acq: 07 Jun 2025 08:06



Tgt Ion:180 Resp: 75248
Ion Ratio Lower Upper
180 100
182 94.0 47.8 143.3
145 35.7 18.1 54.3

