

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050225\
 Data File : VX046037.D
 Acq On : 02 May 2025 18:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 02 23:21:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/05/2025
 Supervised By : Semsettin Yesilyurt 05/05/2025

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	73321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134907	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	116766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	56041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75105	56.013	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.020%			
35) Dibromofluoromethane	5.379	113	51811	54.130	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.260%			
50) Toluene-d8	8.647	98	167826	50.234	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.460%			
62) 4-Bromofluorobenzene	11.079	95	68587	56.361	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 112.720%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	53424	48.722	ug/l	100
3) Chloromethane	1.307	50	56684	50.319	ug/l	100
4) Vinyl Chloride	1.374	62	53399	51.797	ug/l	98
5) Bromomethane	1.593	94	23005	47.063	ug/l	98
6) Chloroethane	1.666	64	29885	54.639	ug/l	97
7) Trichlorofluoromethane	1.874	101	81852	53.244	ug/l	100
8) Diethyl Ether	2.130	74	28985	56.160	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	49783	55.264	ug/l	99
10) Methyl Iodide	2.441	142	64819	57.688	ug/l	98
11) Tert butyl alcohol	2.983	59	66616	369.679	ug/l	99
12) 1,1-Dichloroethene	2.306	96	47883	54.399	ug/l	97
13) Acrolein	2.233	56	64811	261.179	ug/l	100
14) Allyl chloride	2.654	41	96112	57.548	ug/l	99
15) Acrylonitrile	3.062	53	177721	312.435	ug/l	99
16) Acetone	2.386	43	174232	316.446	ug/l	99
17) Carbon Disulfide	2.502	76	91472	42.075	ug/l	99
18) Methyl Acetate	2.703	43	105975	83.599	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	193490	62.839	ug/l	100
20) Methylene Chloride	2.782	84	58635	56.884	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	48856	54.329	ug/l	97
22) Diisopropyl ether	3.764	45	203203	61.766	ug/l	99
23) Vinyl Acetate	3.721	43	862359	303.388	ug/l	100
24) 1,1-Dichloroethane	3.605	63	108315	58.217	ug/l	99
25) 2-Butanone	4.556	43	264670	328.394	ug/l	98
26) 2,2-Dichloropropane	4.471	77	60302	50.164	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	64092	58.500	ug/l	97
28) Bromochloromethane	4.891	49	46071	51.241	ug/l	98
29) Tetrahydrofuran	5.007	42	165855	317.410	ug/l	99
30) Chloroform	5.086	83	113661	59.370	ug/l	98
31) Cyclohexane	5.464	56	87297	53.074	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	96012	59.269	ug/l	100
36) 1,1-Dichloropropene	5.684	75	69310	53.630	ug/l	98
37) Ethyl Acetate	4.715	43	96912	59.505	ug/l	99
38) Carbon Tetrachloride	5.672	117	78864	56.463	ug/l	99
39) Methylcyclohexane	7.379	83	84843	53.556	ug/l	98
40) Benzene	6.031	78	216781	54.923	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	56589	65.853	ug/l	98
42) 1,2-Dichloroethane	6.080	62	95829	58.783	ug/l	100
43) Isopropyl Acetate	6.342	43	155379	62.946	ug/l	99
44) Trichloroethene	7.123	130	50582	53.917	ug/l	97
45) 1,2-Dichloropropane	7.428	63	56384	57.253	ug/l	95
46) Dibromomethane	7.580	93	43446	57.469	ug/l	97
47) Bromodichloromethane	7.818	83	87204	57.761	ug/l	100
48) Methyl methacrylate	7.690	41	81456	63.912	ug/l	98
49) 1,4-Dioxane	7.659	88	28966	1256.168	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	529687	323.696	ug/l	99
52) Toluene	8.714	92	133297	55.811	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	75879	52.160	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	84291	59.412	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	55180	57.979	ug/l	97
56) Ethyl methacrylate	9.116	69	95843	65.071	ug/l	98
57) 1,3-Dichloropropane	9.305	76	96918	58.480	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	218383	293.092	ug/l	100
59) 2-Hexanone	9.427	43	400574	330.568	ug/l	100
60) Dibromochloromethane	9.519	129	61968	59.725	ug/l	99
61) 1,2-Dibromoethane	9.610	107	57802	59.996	ug/l	98
64) Tetrachloroethene	9.269	164	43371	52.609	ug/l	97
65) Chlorobenzene	10.079	112	145479	58.306	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	51579	59.543	ug/l	97
67) Ethyl Benzene	10.189	91	262190	58.672	ug/l	99
68) m/p-Xylenes	10.299	106	190440	117.171	ug/l	100
69) o-Xylene	10.640	106	95585	59.699	ug/l	98
70) Styrene	10.653	104	160254	60.643	ug/l	99
71) Bromoform	10.799	173	40029	61.887	ug/l #	98
73) Isopropylbenzene	10.963	105	254591	56.715	ug/l	99
74) N-amyl acetate	10.842	43	138569	64.532	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	91119	57.783	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	78659m	57.542	ug/l	
77) Bromobenzene	11.195	156	59491	57.358	ug/l	98
78) n-propylbenzene	11.305	91	292968	56.661	ug/l	99
79) 2-Chlorotoluene	11.360	91	184373	55.778	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	212512	57.250	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22463	55.770	ug/l	98
82) 4-Chlorotoluene	11.451	91	209765	56.917	ug/l	100
83) tert-Butylbenzene	11.713	119	216172	58.823	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	218418	58.626	ug/l	100
85) sec-Butylbenzene	11.890	105	262120	58.072	ug/l	100
86) p-Isopropyltoluene	12.006	119	216961	58.303	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	104190	55.186	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	105666	55.206	ug/l	99
89) n-Butylbenzene	12.329	91	189037	58.581	ug/l	99
90) Hexachloroethane	12.536	117	38329	59.933	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	108036	57.556	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21714	65.842	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	61056	58.436	ug/l	99
94) Hexachlorobutadiene	13.725	225	25006	55.540	ug/l	99
95) Naphthalene	13.774	128	240569	61.871	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	64443	58.902	ug/l	99

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QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

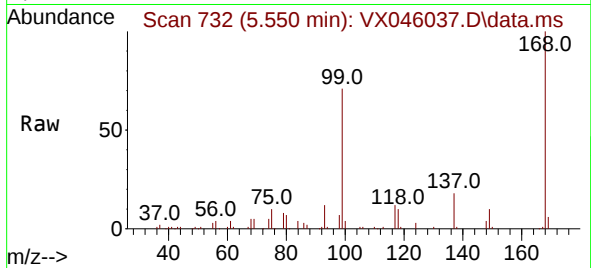
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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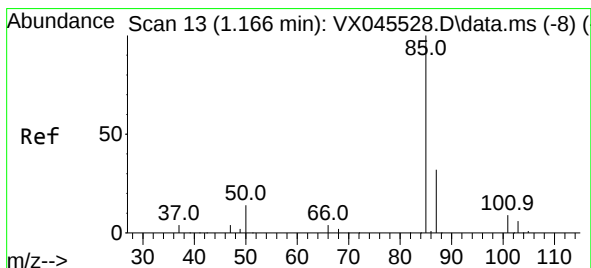
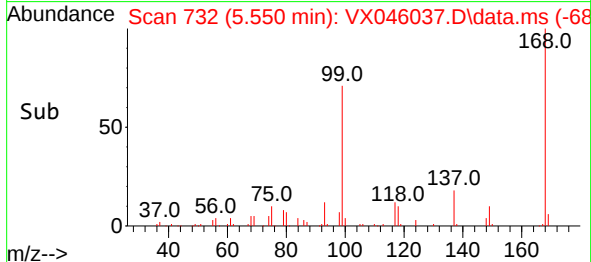
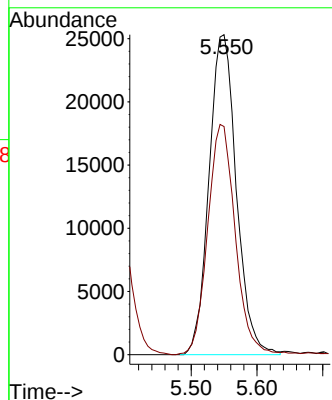
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 7332
Ion Ratio Lower Upper
168 100
99 71.0 52.3 78.5

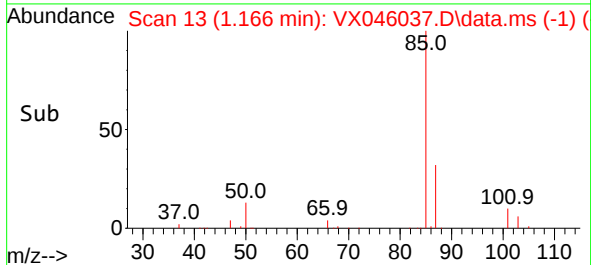
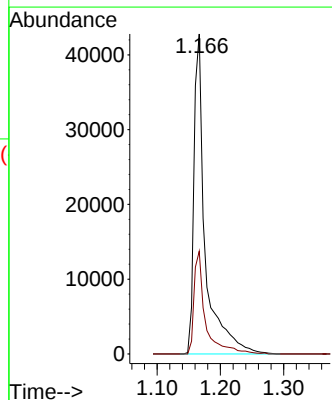
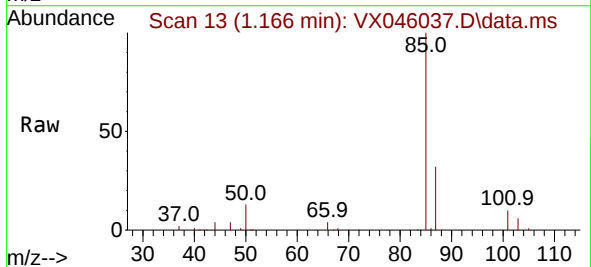
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#2
Dichlorodifluoromethane
Concen: 48.722 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

Tgt Ion: 85 Resp: 53424
Ion Ratio Lower Upper
85 100
87 32.1 16.1 48.2





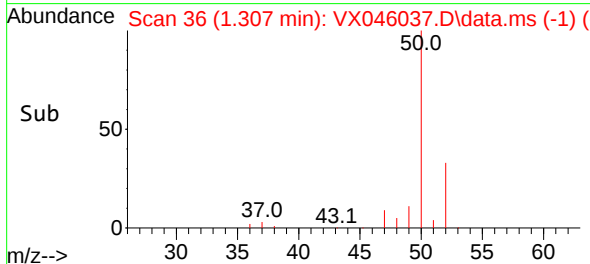
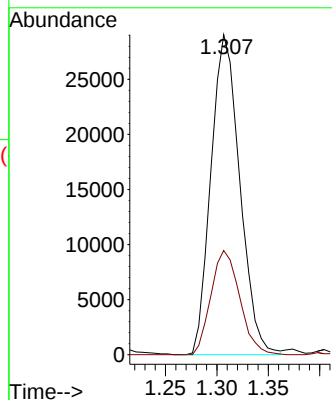
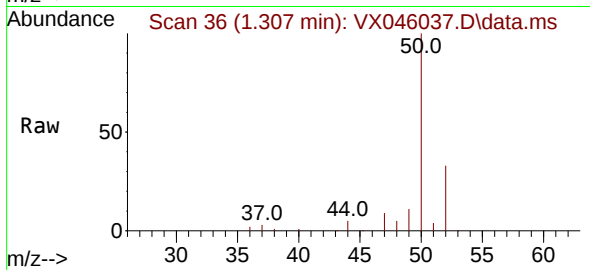
#3
Chloromethane
Concen: 50.319 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 56684
Ion Ratio Lower Upper
50 100
52 32.6 25.9 38.9

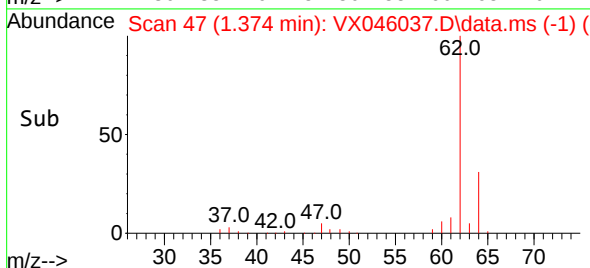
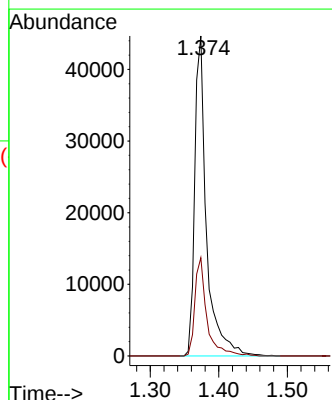
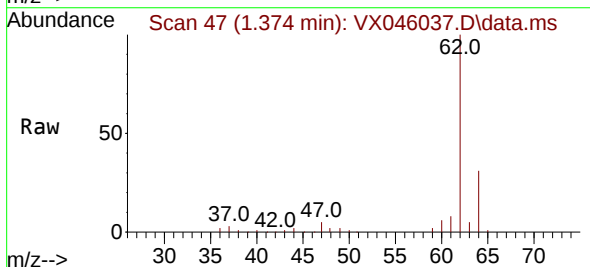
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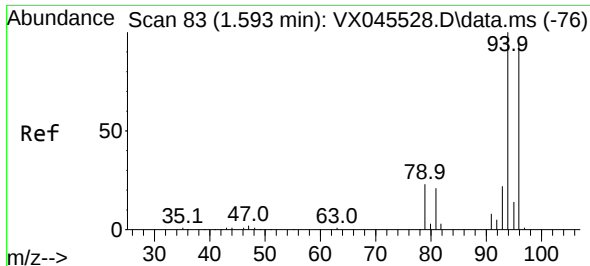
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#4
Vinyl Chloride
Concen: 51.797 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

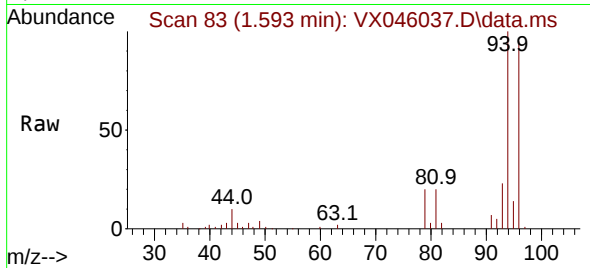
Tgt Ion: 62 Resp: 53399
Ion Ratio Lower Upper
62 100
64 30.7 25.5 38.3





#5
Bromomethane
Concen: 47.063 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

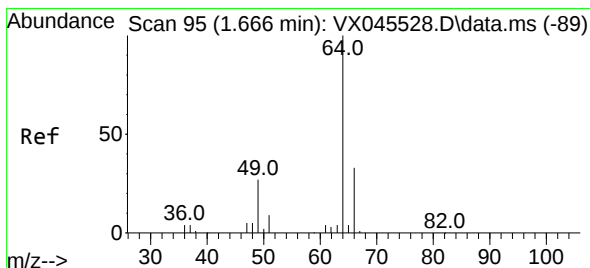
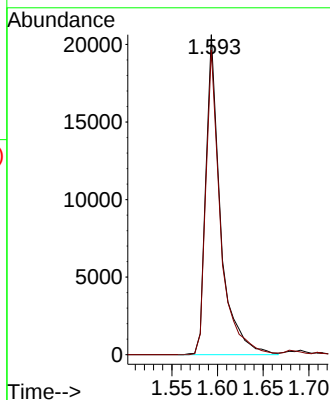
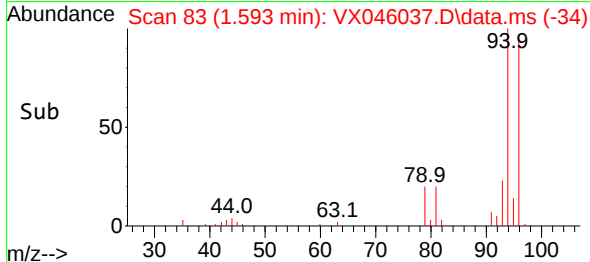
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 2300
Ion Ratio Lower Upper
94 100
96 95.2 74.8 112.2

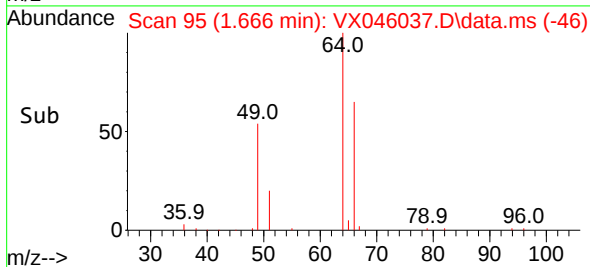
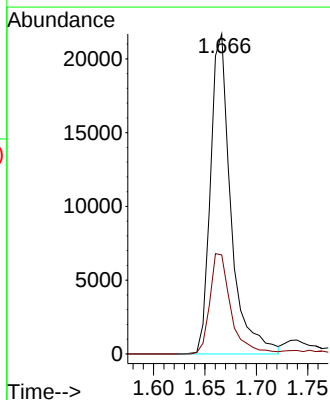
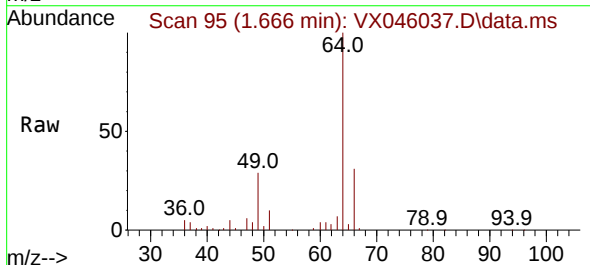
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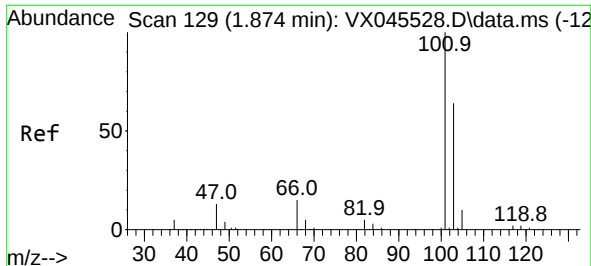
Reviewed By :John Carlone 05/05/2025
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#6
Chloroethane
Concen: 54.639 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

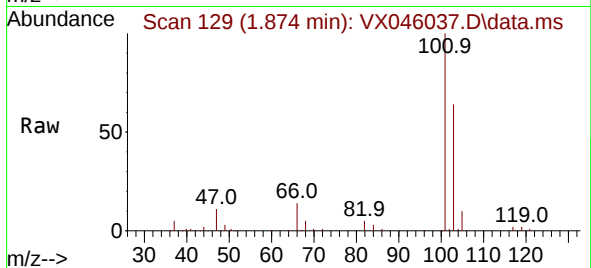
Tgt Ion: 64 Resp: 29885
Ion Ratio Lower Upper
64 100
66 30.9 26.3 39.5





#7
Trichlorofluoromethane
Concen: 53.244 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

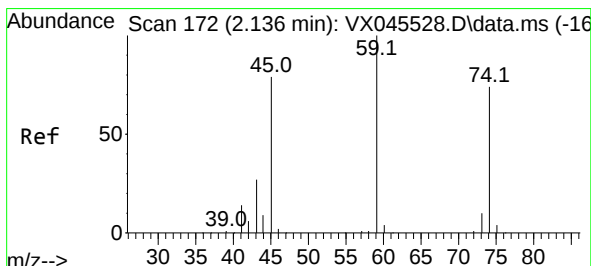
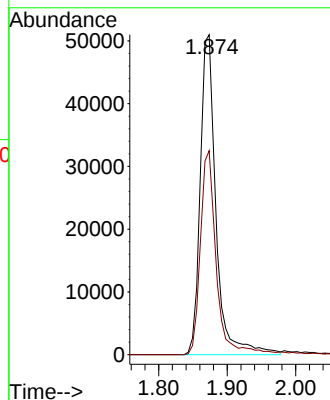
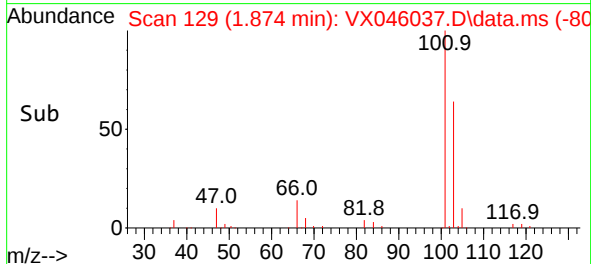
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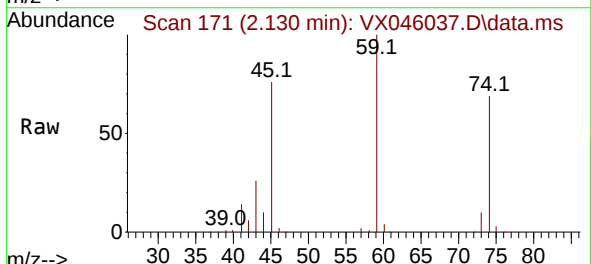
Tgt Ion:101 Resp: 8185
Ion Ratio Lower Upper
101 100
103 63.8 51.1 76.7

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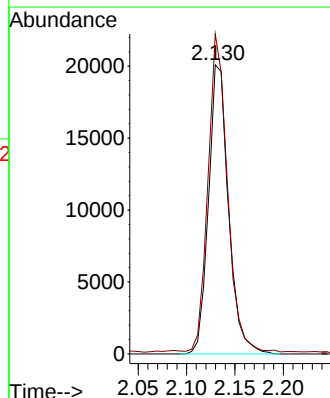
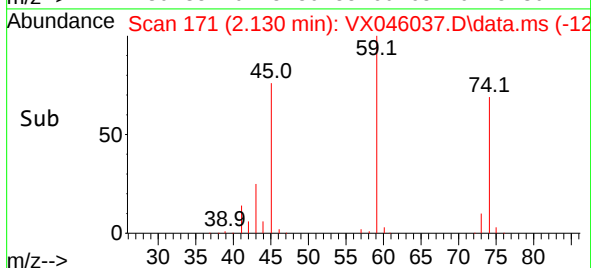
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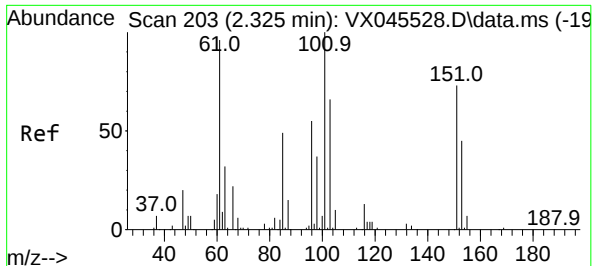


#8
Diethyl Ether
Concen: 56.160 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56



Tgt Ion: 74 Resp: 28985
Ion Ratio Lower Upper
74 100
45 105.9 53.0 159.1





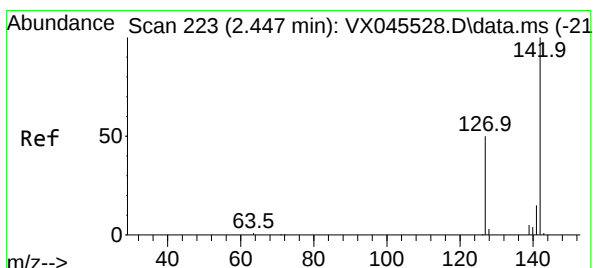
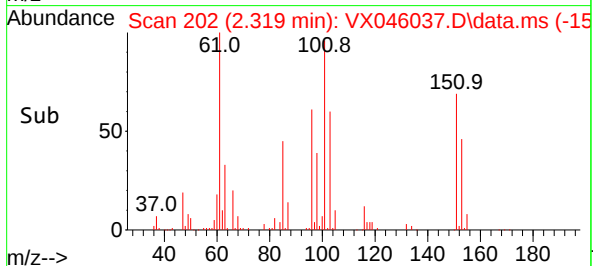
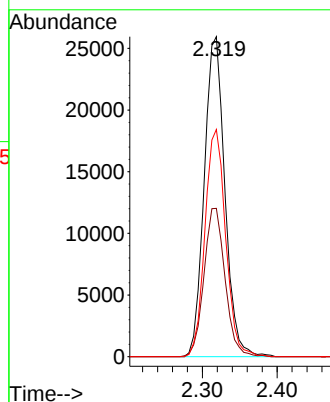
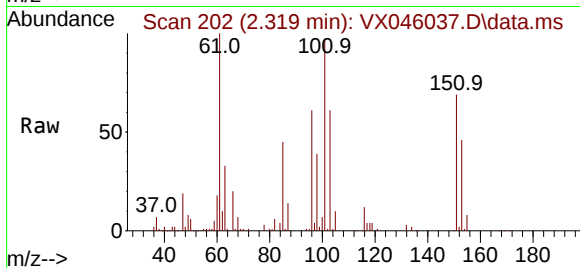
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.264 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX046037.D
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Tgt Ion:101 Resp: 4978
Ion Ratio Lower Upper
101 100
85 47.5 38.9 58.3
151 71.3 57.5 86.3

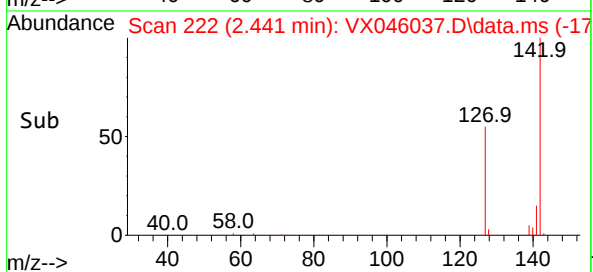
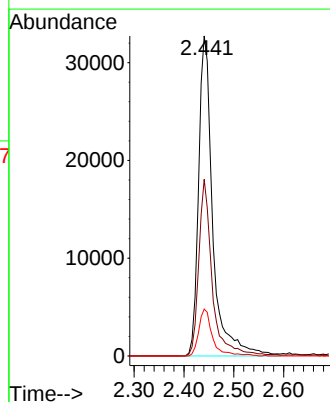
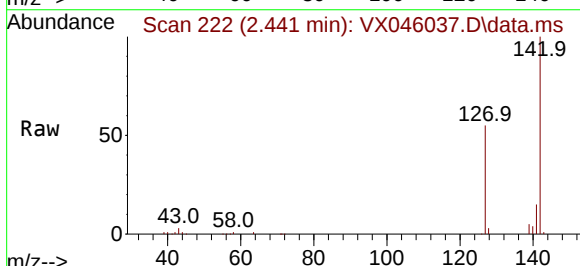
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#10
Methyl Iodide
Concen: 57.688 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

Tgt Ion:142 Resp: 64819
Ion Ratio Lower Upper
142 100
127 51.9 40.2 60.4
141 14.2 11.7 17.5





#11

Tert butyl alcohol

Concen: 369.679 ug/l

RT: 2.983 min Scan# 310

Delta R.T. 0.006 min

Lab File: VX046037.D

Acq: 02 May 2025 18:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 66610

Ion Ratio Lower Upper

59 100

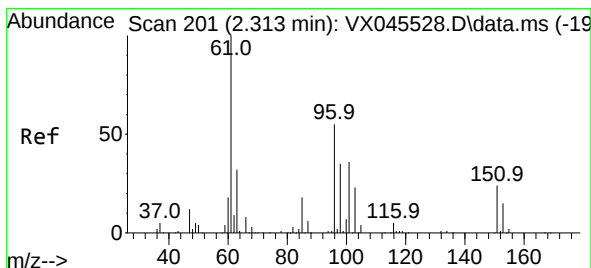
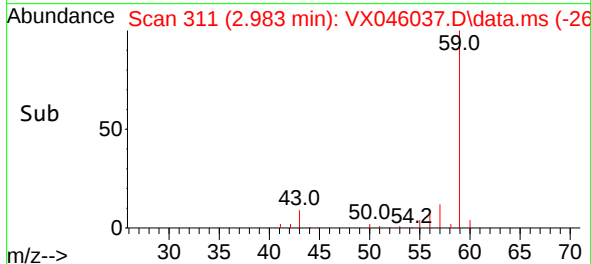
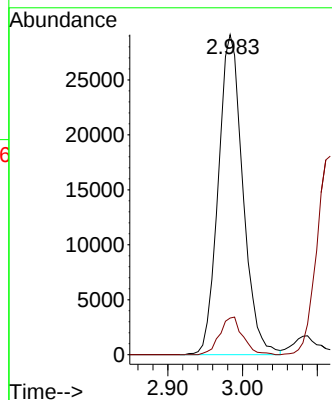
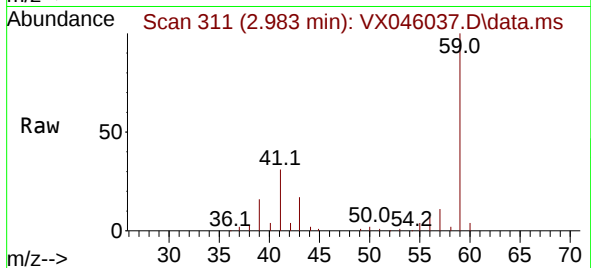
57 11.0 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#12

1,1-Dichloroethene

Concen: 54.399 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.006 min

Lab File: VX046037.D

Acq: 02 May 2025 18:56

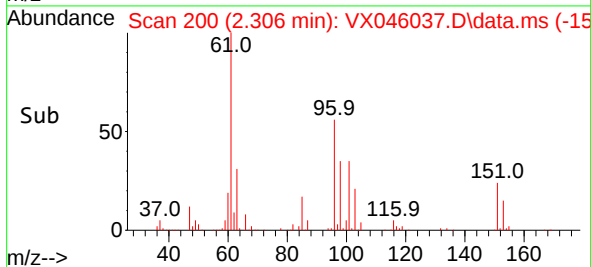
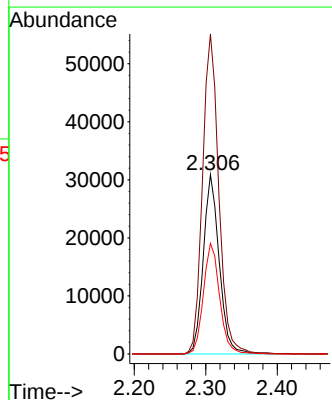
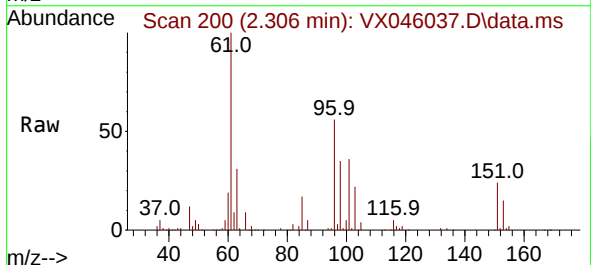
Tgt Ion: 96 Resp: 47883

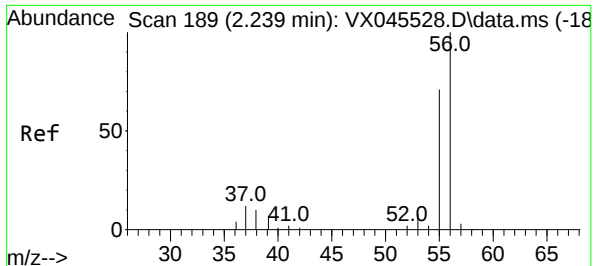
Ion Ratio Lower Upper

96 100

61 178.5 145.7 218.5

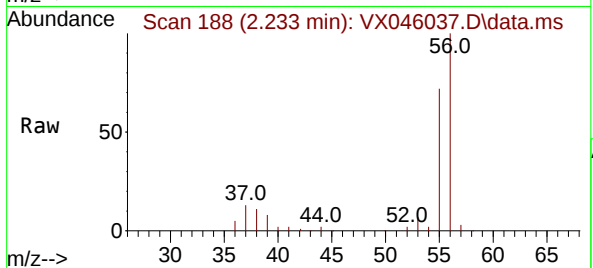
98 61.7 51.6 77.4





#13
Acrolein
Concen: 261.179 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

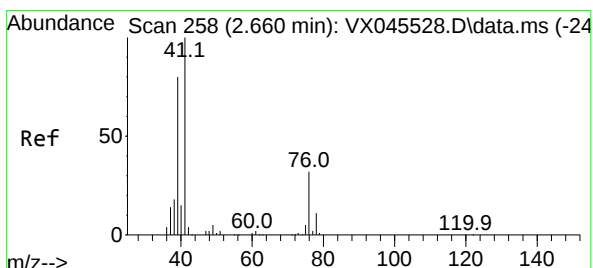
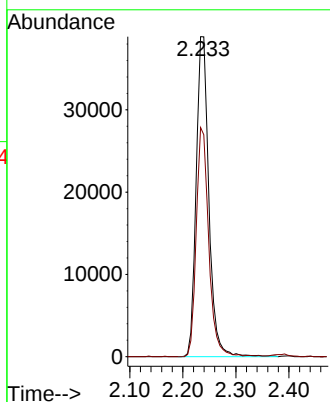
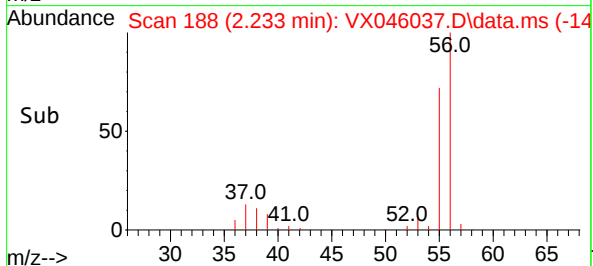
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 6481
Ion Ratio Lower Upper
56 100
55 70.3 56.2 84.2

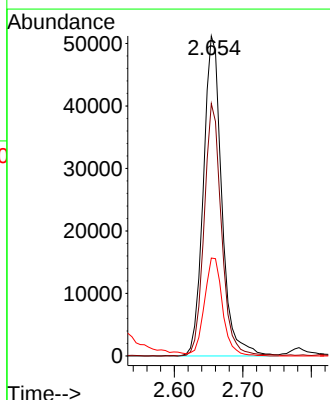
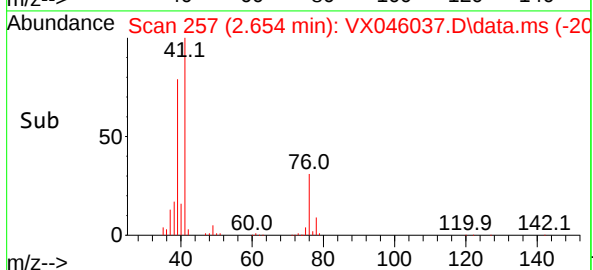
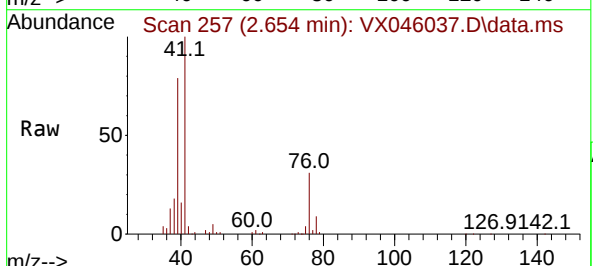
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#14
Allyl chloride
Concen: 57.548 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

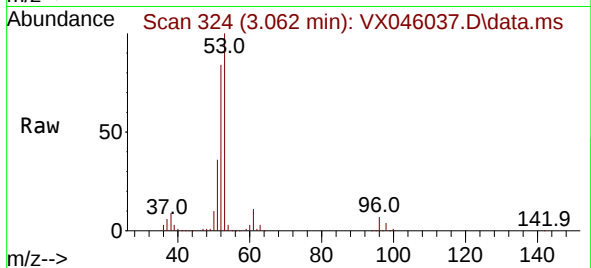
Tgt Ion: 41 Resp: 96112
Ion Ratio Lower Upper
41 100
39 74.2 60.2 90.2
76 30.2 24.6 36.8





#15
Acrylonitrile
Concen: 312.435 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

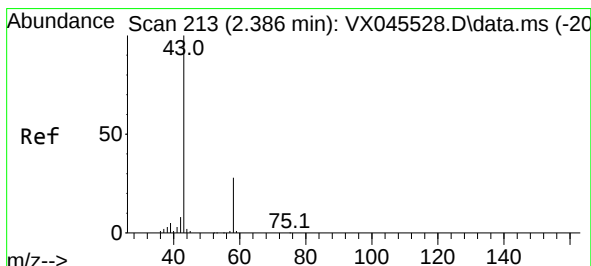
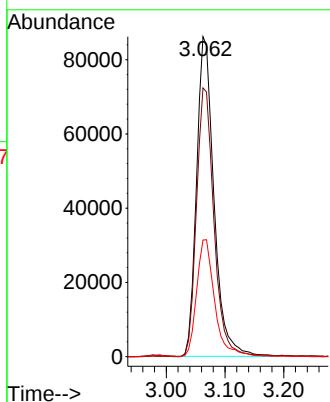
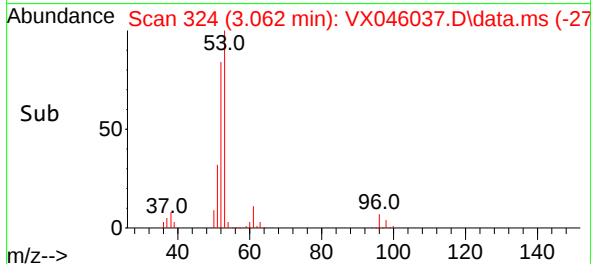
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 17772
Ion Ratio Lower Upper
53 100
52 84.9 67.4 101.2
51 38.1 29.9 44.9

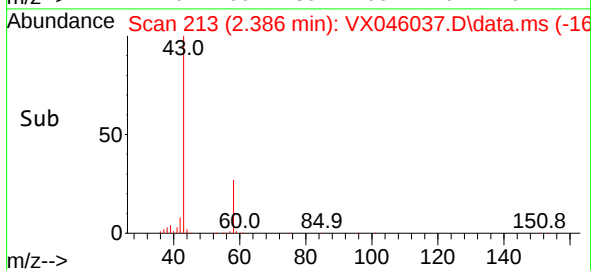
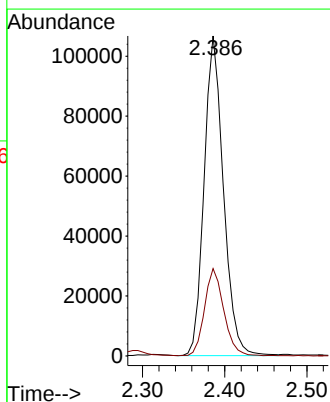
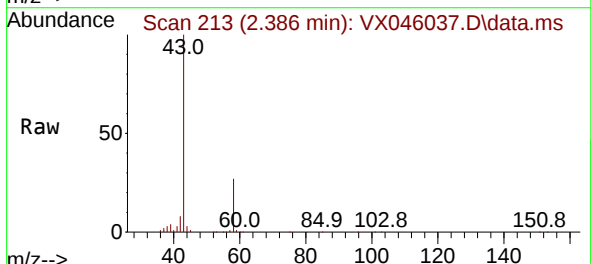
Manual Integrations
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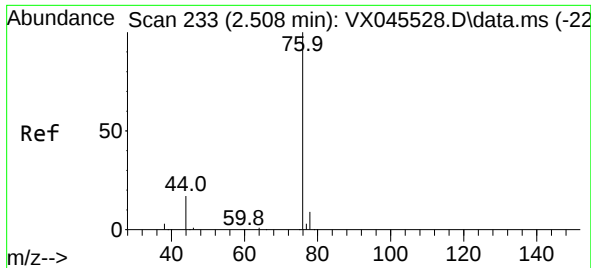
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#16
Acetone
Concen: 316.446 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

Tgt Ion: 43 Resp: 174232
Ion Ratio Lower Upper
43 100
58 27.2 22.3 33.5





#17

Carbon Disulfide

Concen: 42.075 ug/l

RT: 2.502 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX046037.D

Acq: 02 May 2025 18:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 91472

Ion Ratio Lower Upper

76 100

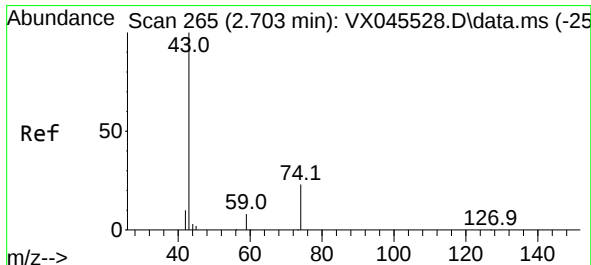
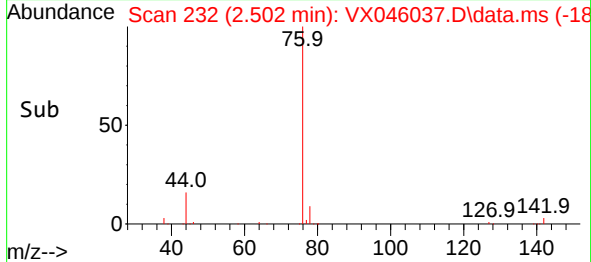
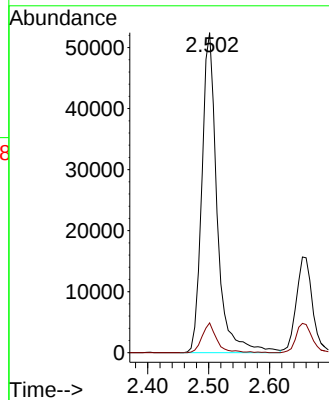
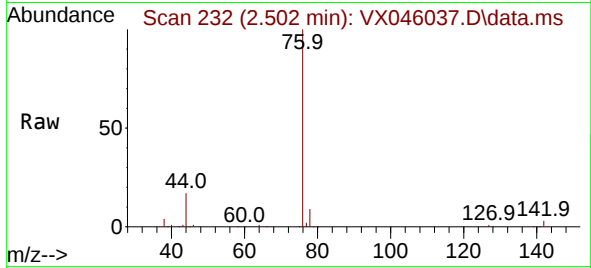
78 9.3 7.0 10.6

Manual Integrations

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Reviewed By :John Carlone 05/05/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#18

Methyl Acetate

Concen: 83.599 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX046037.D

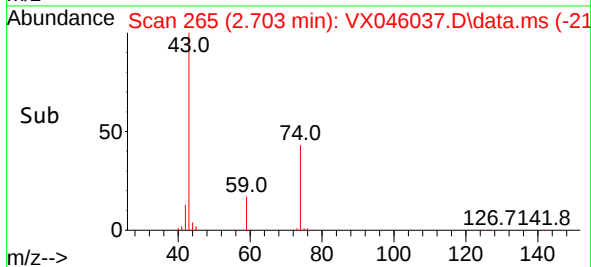
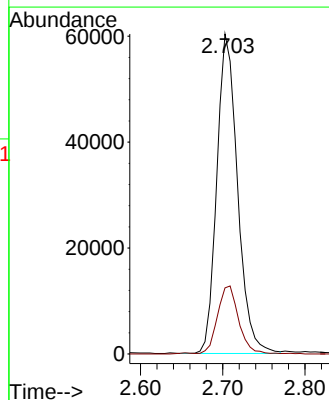
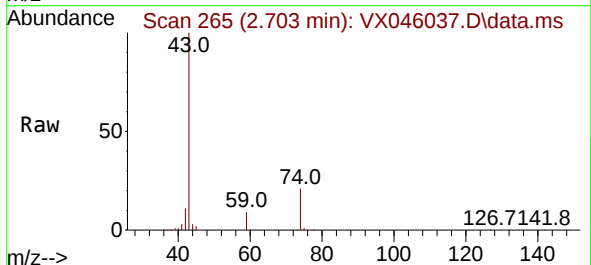
Acq: 02 May 2025 18:56

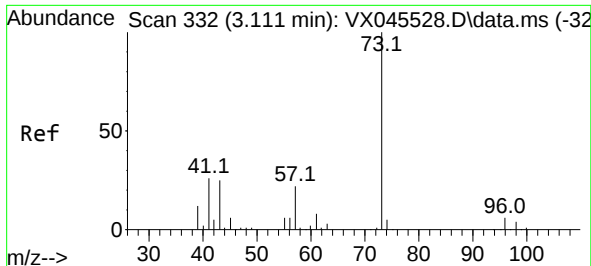
Tgt Ion: 43 Resp: 105975

Ion Ratio Lower Upper

43 100

74 21.8 17.5 26.3





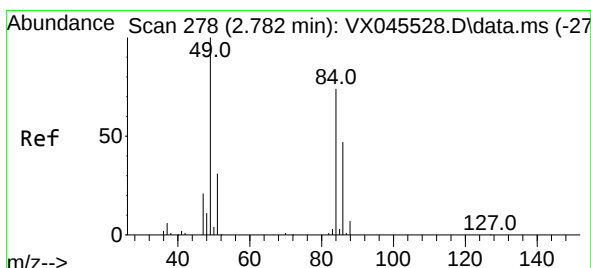
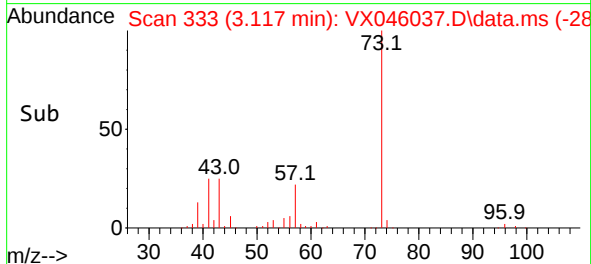
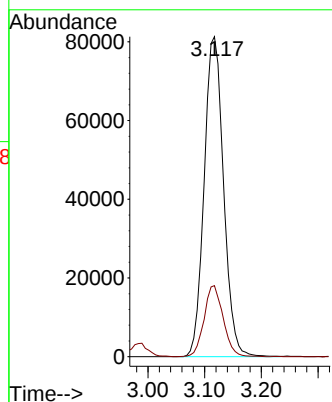
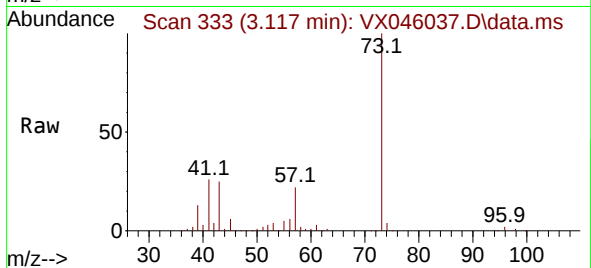
#19
Methyl tert-butyl Ether
Concen: 62.839 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 193490
Ion Ratio Lower Upper
73 100
57 22.2 17.6 26.4

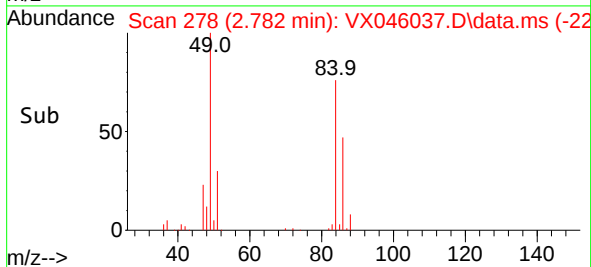
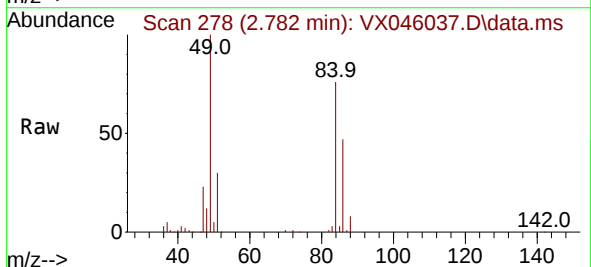
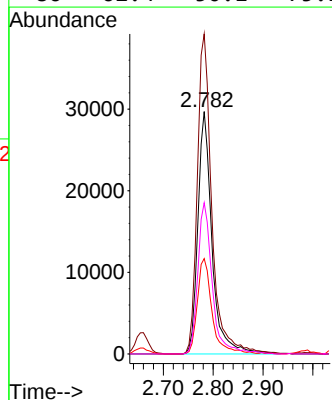
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#20
Methylene Chloride
Concen: 56.884 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

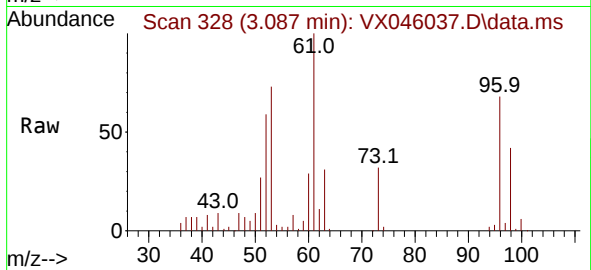
Tgt Ion: 84 Resp: 58635
Ion Ratio Lower Upper
84 100
49 132.0 107.5 161.3
51 39.3 33.0 49.6
86 62.4 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 54.329 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

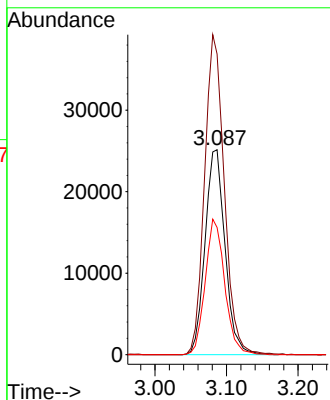
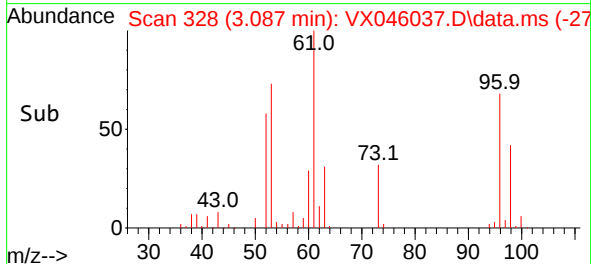
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



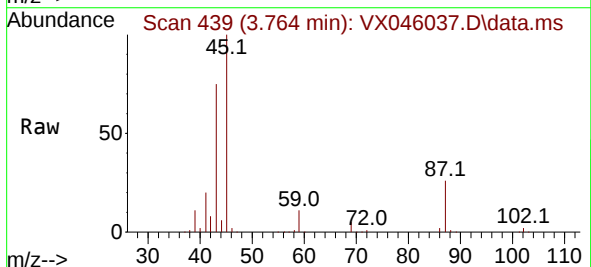
Tgt Ion: 96 Resp: 48850
Ion Ratio Lower Upper
96 100
61 146.7 121.0 181.6
98 62.1 49.7 74.5

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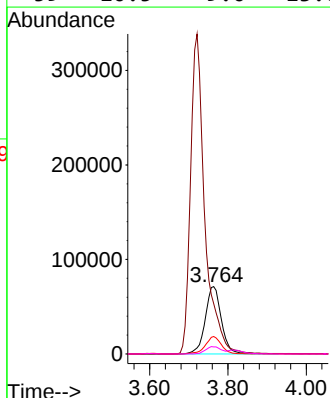
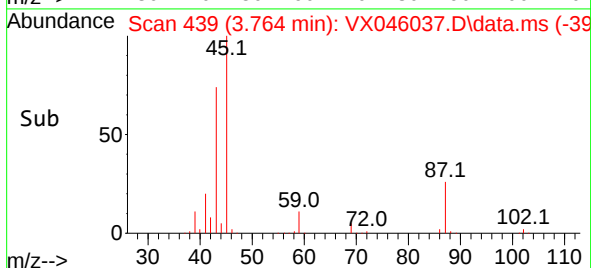
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#22
Diisopropyl ether
Concen: 61.766 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56



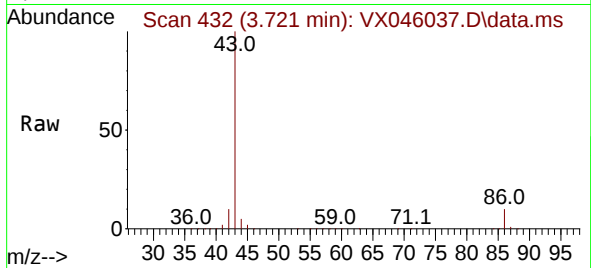
Tgt Ion: 45 Resp: 203203
Ion Ratio Lower Upper
45 100
43 74.2 59.3 88.9
87 26.0 20.4 30.6
59 10.5 9.0 13.6





#23
 Vinyl Acetate
 Concen: 303.388 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX046037.D
 Acq: 02 May 2025 18:56

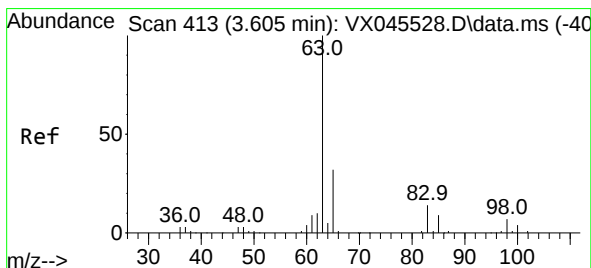
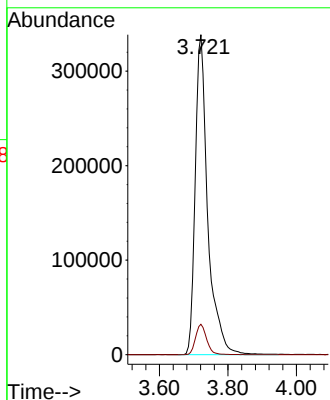
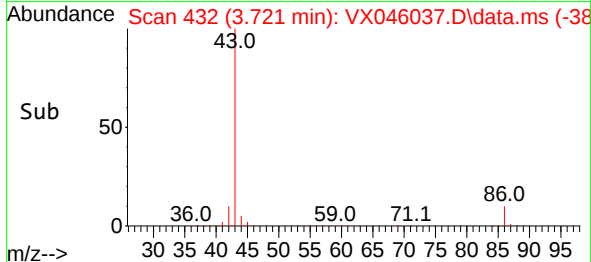
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



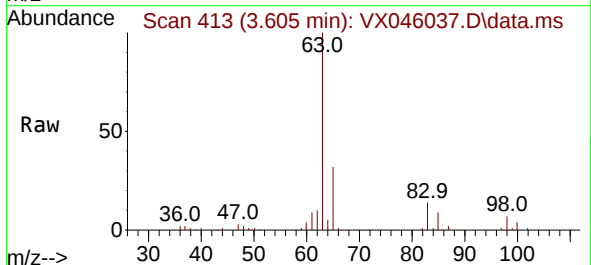
Tgt Ion: 43 Resp: 862359
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.5 11.3

Manual Integrations
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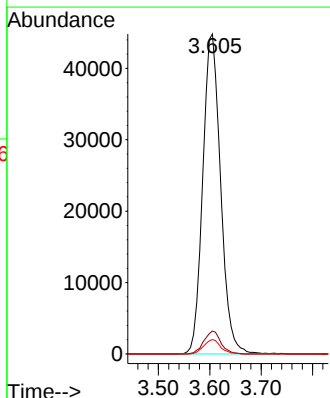
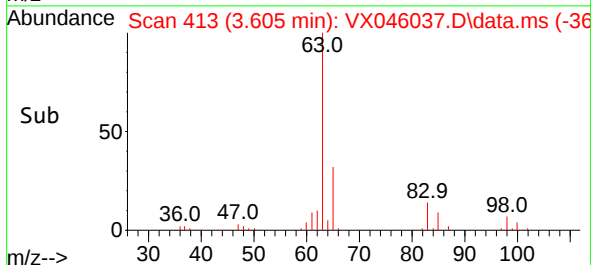
Reviewed By :John Carlone 05/05/2025
 Supervised By :Semsettin Yesilyurt 05/05/2025

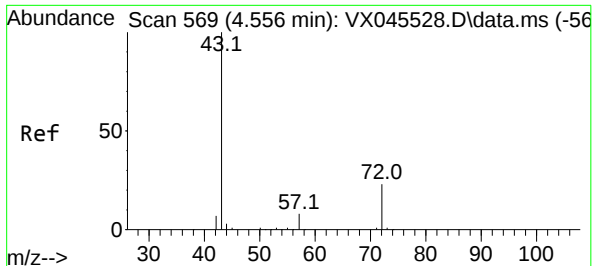


#24
 1,1-Dichloroethane
 Concen: 58.217 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX046037.D
 Acq: 02 May 2025 18:56



Tgt Ion: 63 Resp: 108315
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.1
 100 4.5 2.2 6.6





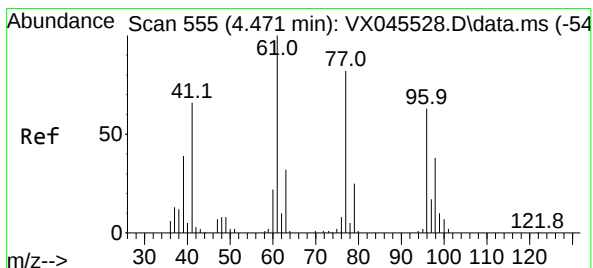
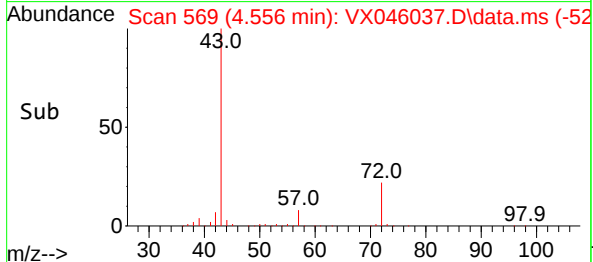
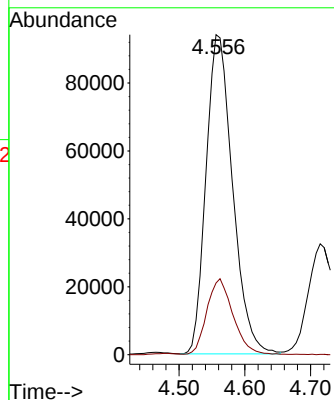
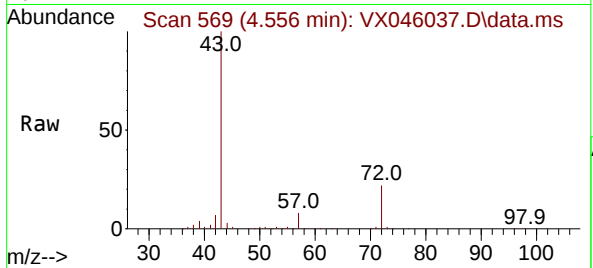
#25
2-Butanone
Concen: 328.394 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 264670
Ion Ratio Lower Upper
43 100
72 22.3 18.6 28.0

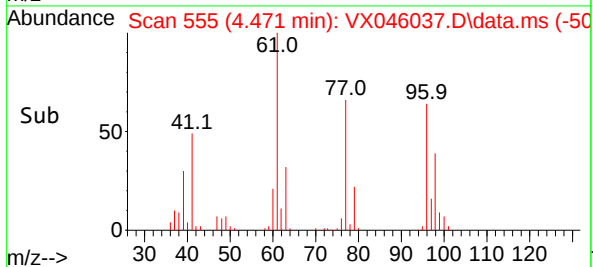
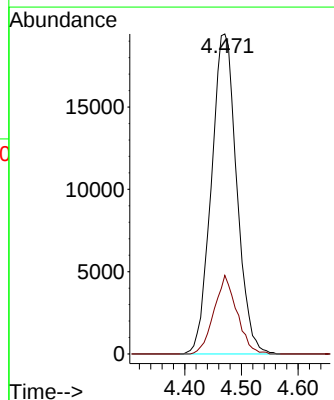
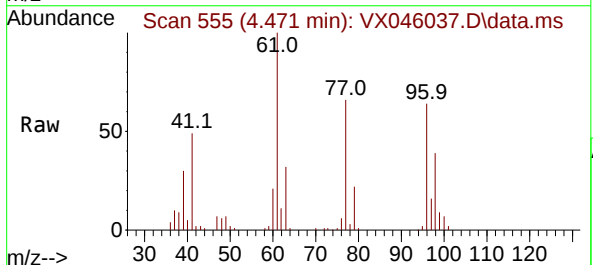
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#26
2,2-Dichloropropane
Concen: 50.164 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

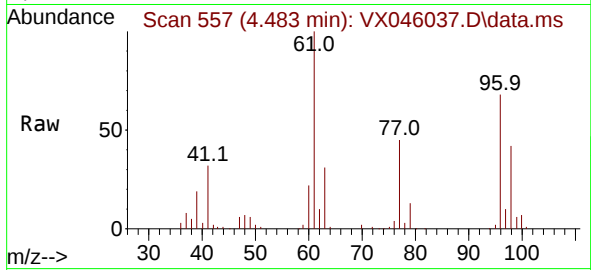
Tgt Ion: 77 Resp: 60302
Ion Ratio Lower Upper
77 100
97 22.2 10.6 31.8





#27
 cis-1,2-Dichloroethene
 Concen: 58.500 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX046037.D
 Acq: 02 May 2025 18:56

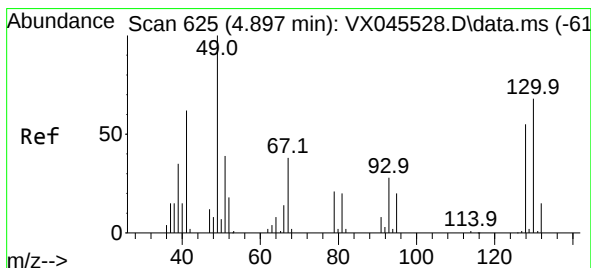
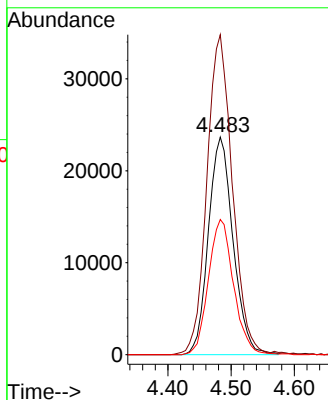
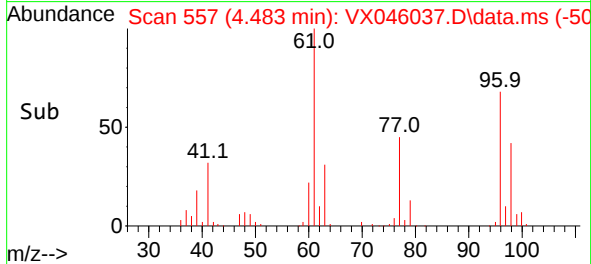
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 64092
 Ion Ratio Lower Upper
 96 100
 61 151.8 0.0 313.2
 98 63.2 0.0 126.4

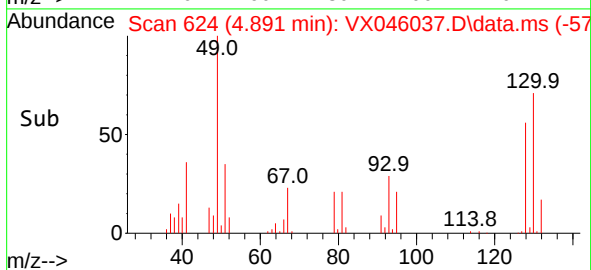
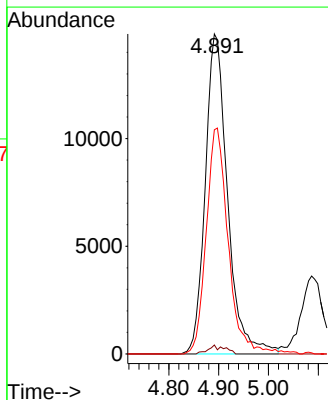
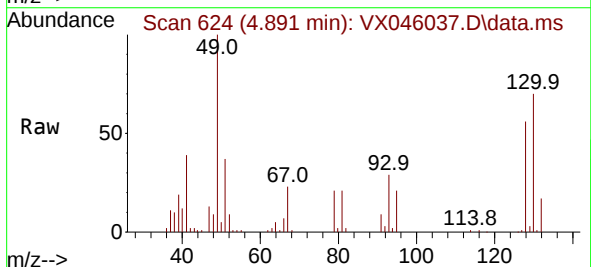
Manual Integrations
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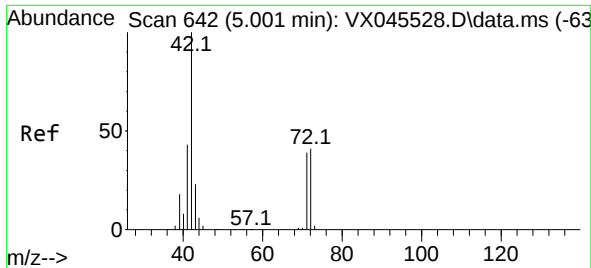
Reviewed By :John Carlone 05/05/2025
 Supervised By :Semsettin Yesilyurt 05/05/2025



#28
 Bromochloromethane
 Concen: 51.241 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX046037.D
 Acq: 02 May 2025 18:56

Tgt Ion: 49 Resp: 46071
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 3.8
 130 69.9 54.6 81.8





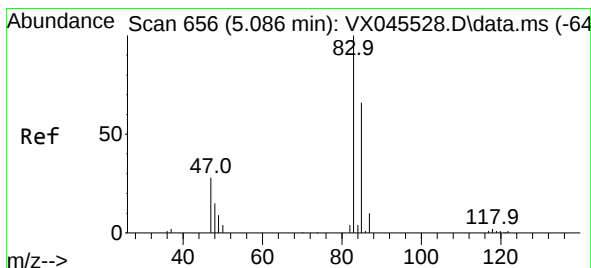
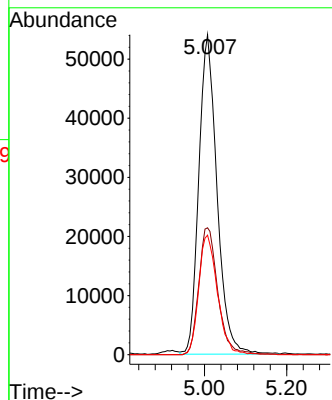
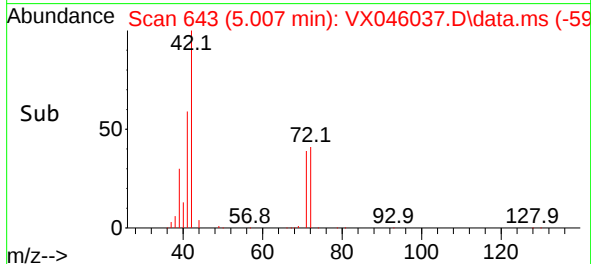
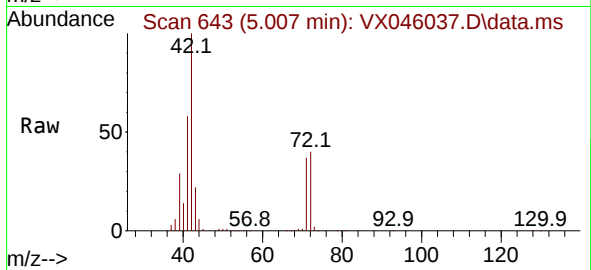
#29
Tetrahydrofuran
Concen: 317.410 ug/l
RT: 5.007 min Scan# 642
Delta R.T. 0.006 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 16585
Ion Ratio Lower Upper
42 100
72 41.7 33.4 50.0
71 38.6 31.4 47.0

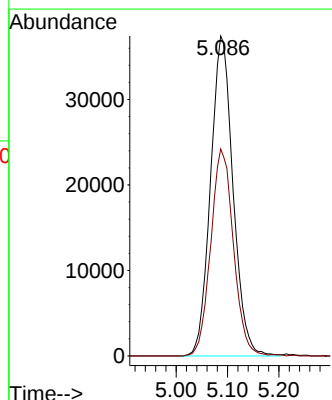
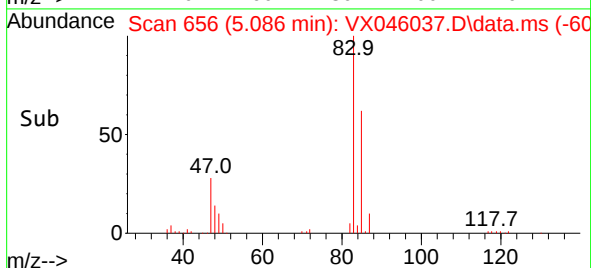
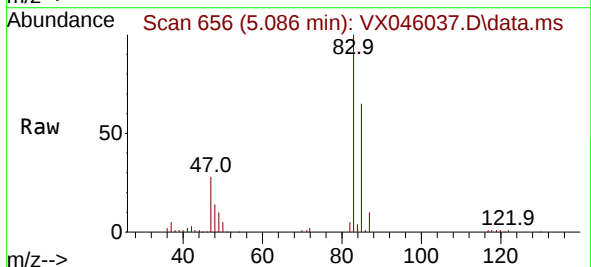
Manual Integrations
APPROVED

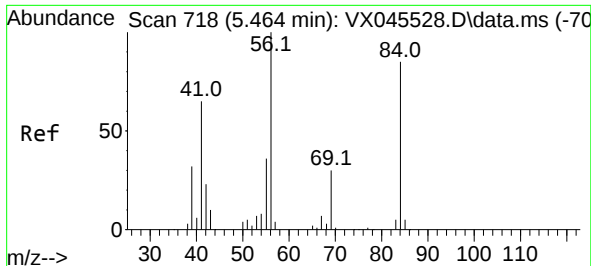
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#30
Chloroform
Concen: 59.370 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

Tgt Ion: 83 Resp: 113661
Ion Ratio Lower Upper
83 100
85 64.7 52.8 79.2





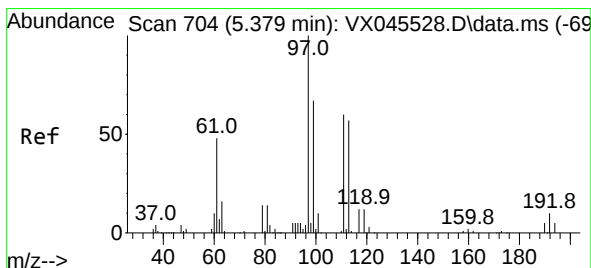
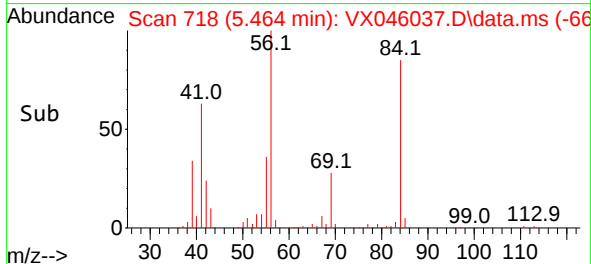
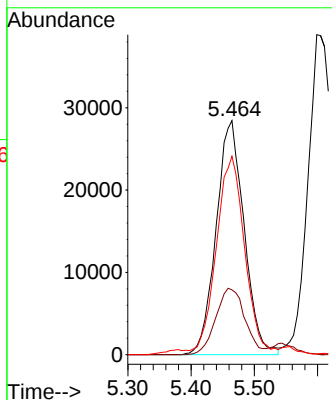
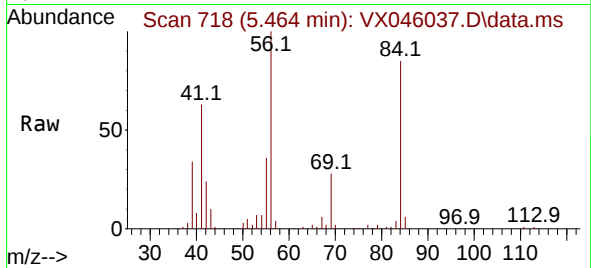
#31
Cyclohexane
Concen: 53.074 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 8729
Ion Ratio Lower Upper
56 100
69 27.7 23.6 35.4
84 82.6 67.7 101.5

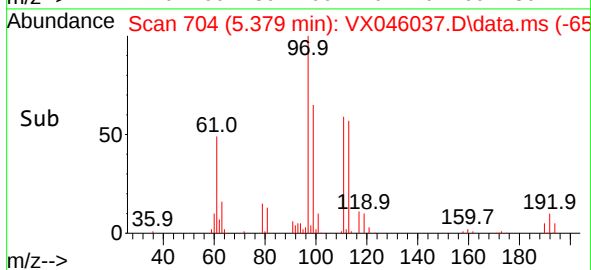
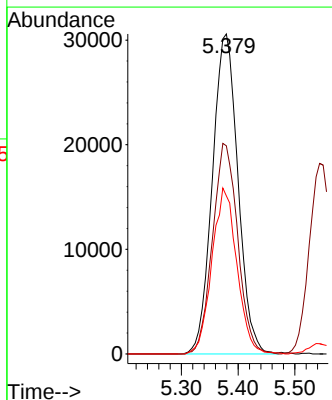
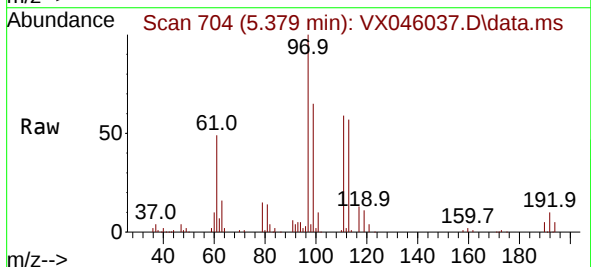
Manual Integrations
APPROVED

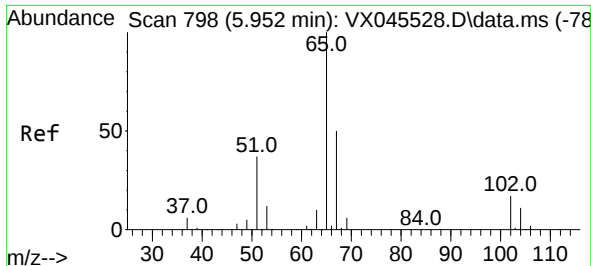
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#32
1,1,1-Trichloroethane
Concen: 59.269 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

Tgt Ion: 97 Resp: 96012
Ion Ratio Lower Upper
97 100
99 64.7 51.7 77.5
61 50.6 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 56.013 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX046037.D

Acq: 02 May 2025 18:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 7510

Ion Ratio Lower Upper

65 100

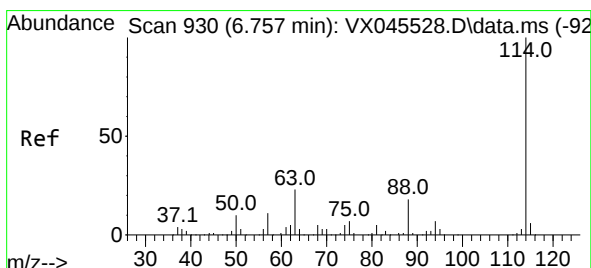
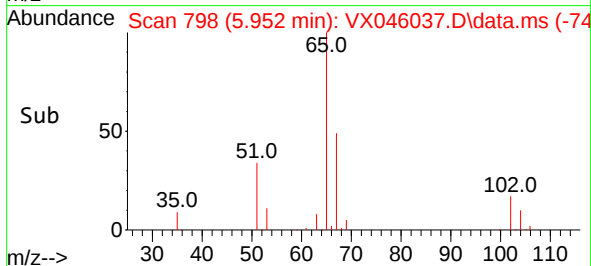
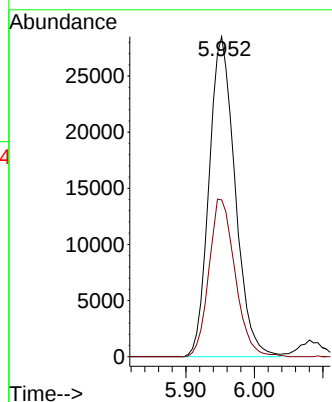
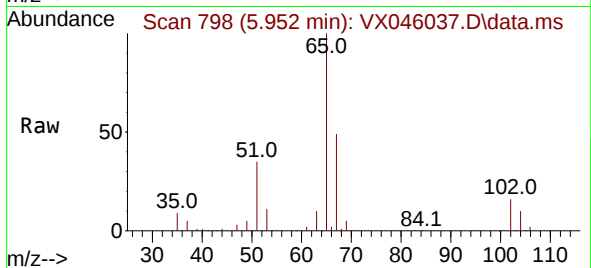
67 49.5 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX046037.D

Acq: 02 May 2025 18:56

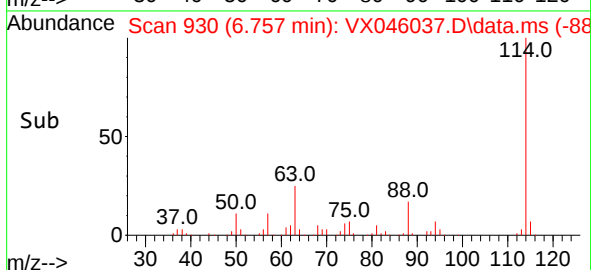
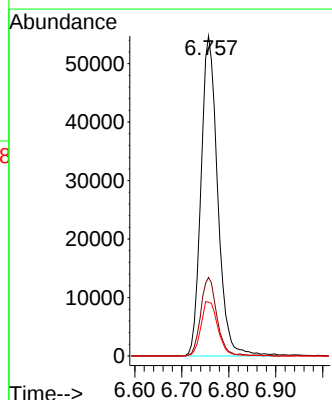
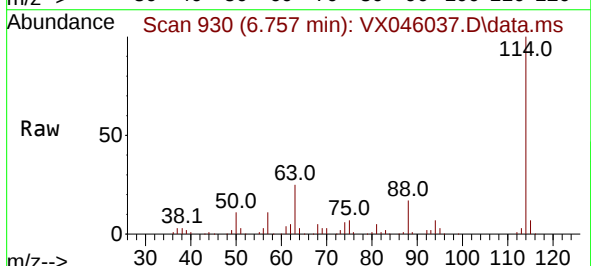
Tgt Ion:114 Resp: 134907

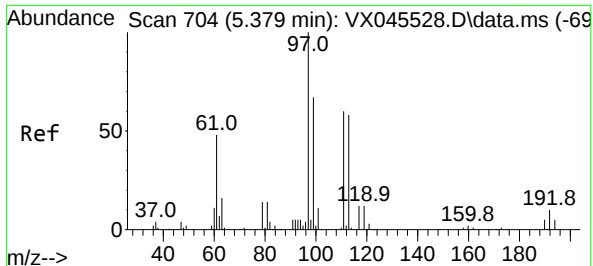
Ion Ratio Lower Upper

114 100

63 24.6 0.0 46.8

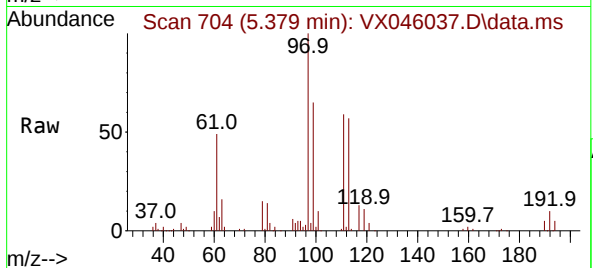
88 16.8 0.0 35.4





#35
Dibromofluoromethane
Concen: 54.130 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

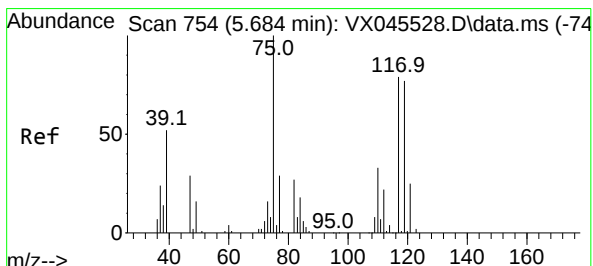
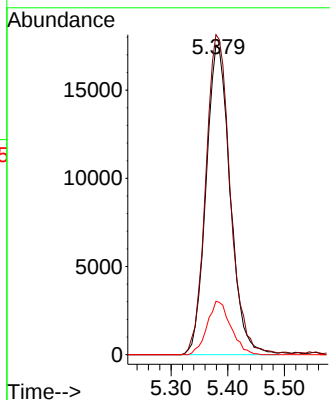
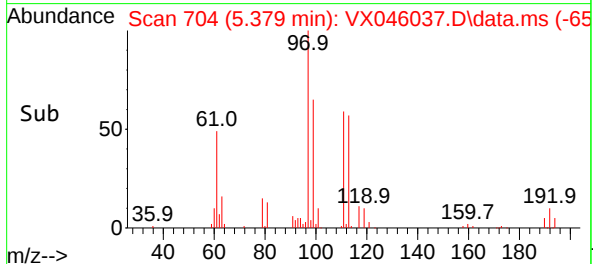
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 5181
Ion Ratio Lower Upper
113 100
111 104.6 81.8 122.6
192 16.9 13.8 20.6

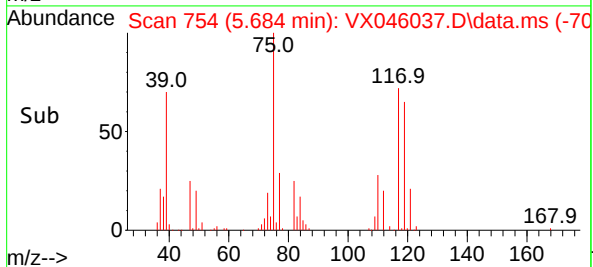
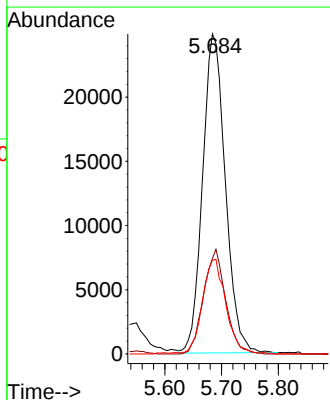
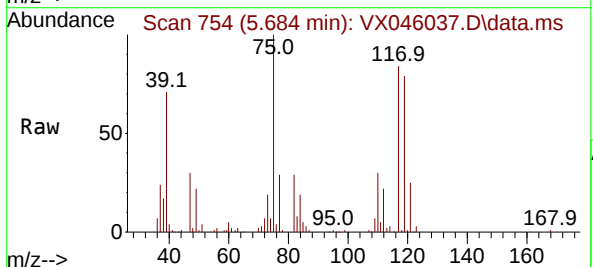
Manual Integrations
APPROVED

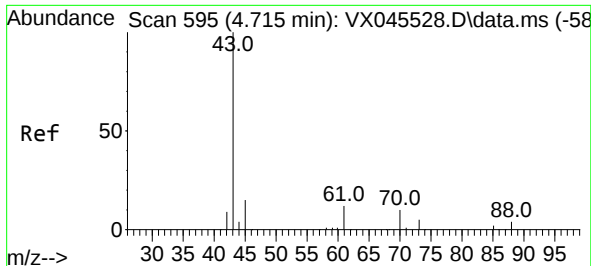
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#36
1,1-Dichloropropene
Concen: 53.630 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

Tgt Ion: 75 Resp: 69310
Ion Ratio Lower Upper
75 100
110 31.8 16.9 50.6
77 30.7 25.0 37.4





#37

Ethyl Acetate

Concen: 59.505 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX046037.D

Acq: 02 May 2025 18:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

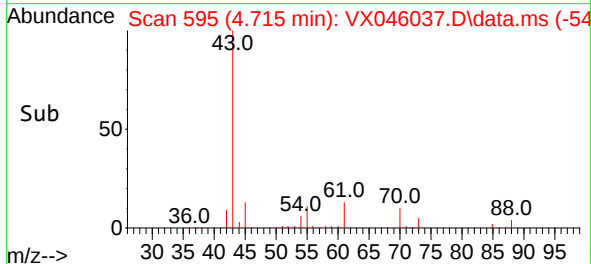
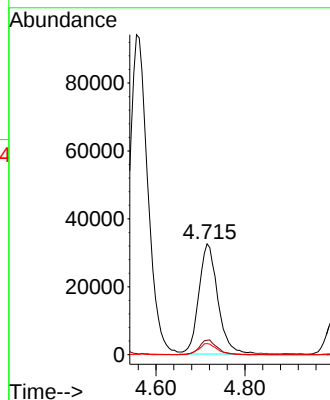
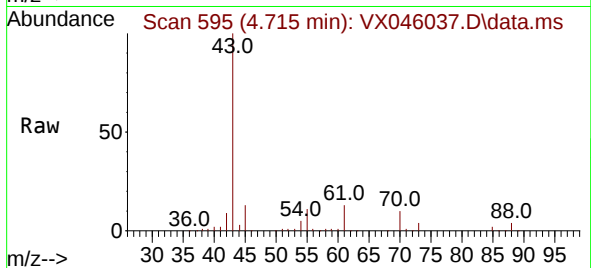
Tgt Ion:	43	Resp:	9691
Ion	Ratio	Lower	Upper
43	100		
61	12.7	9.9	14.9
70	9.6	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#38

Carbon Tetrachloride

Concen: 56.463 ug/l

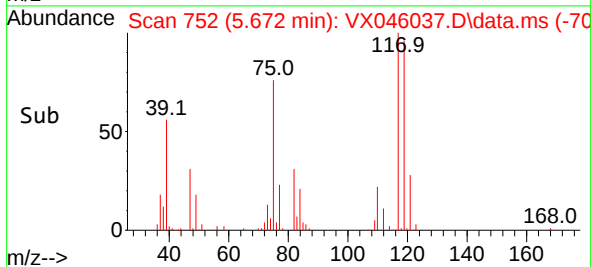
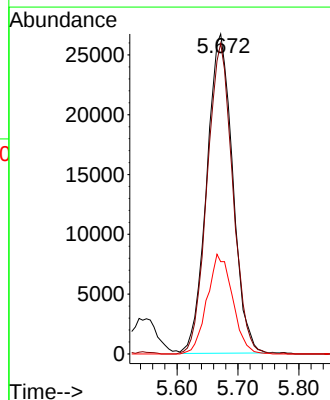
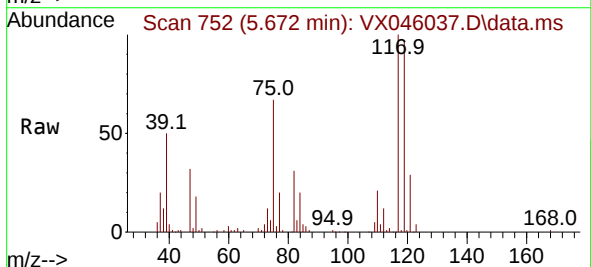
RT: 5.672 min Scan# 752

Delta R.T. 0.000 min

Lab File: VX046037.D

Acq: 02 May 2025 18:56

Tgt Ion:	117	Resp:	78864
Ion	Ratio	Lower	Upper
117	100		
119	97.1	76.9	115.3
121	29.0	24.2	36.2





#39
Methylcyclohexane
Concen: 53.556 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

Instrument :

MSVOA_X

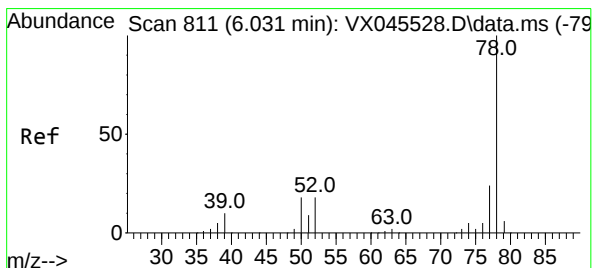
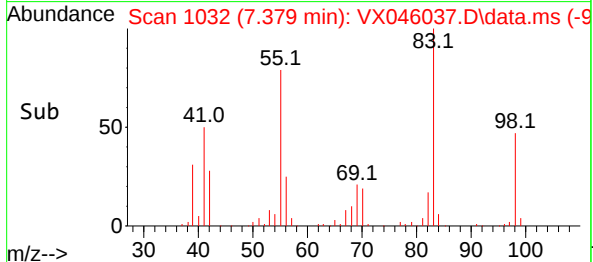
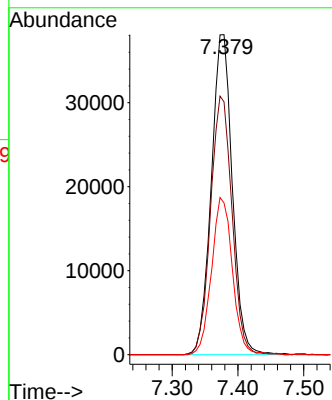
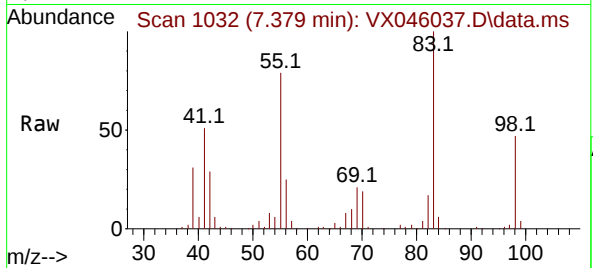
ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 8484
Ion Ratio Lower Upper
83 100
55 79.0 64.9 97.3
98 47.4 37.4 56.0

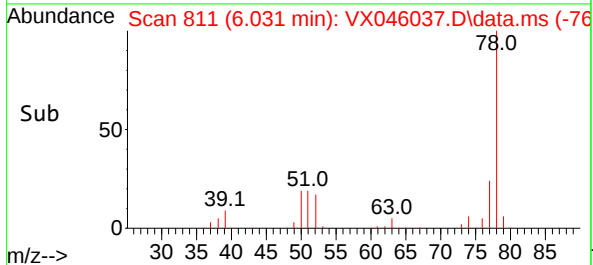
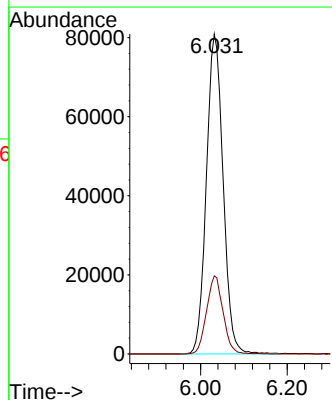
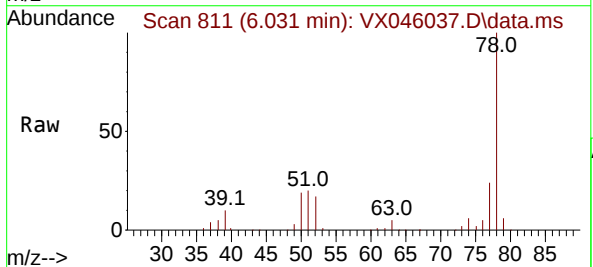
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#40
Benzene
Concen: 54.923 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

Tgt Ion: 78 Resp: 216781
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.6





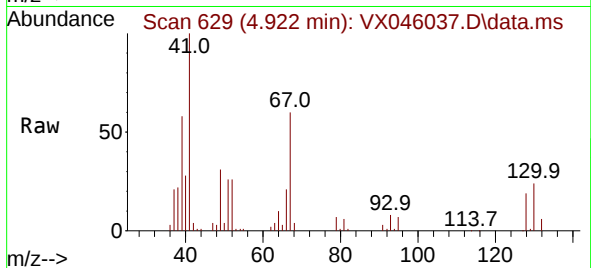
#41
Methacrylonitrile
Concen: 65.853 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



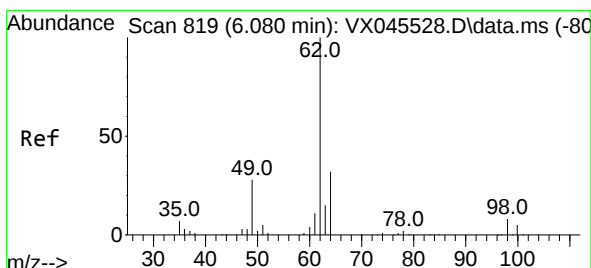
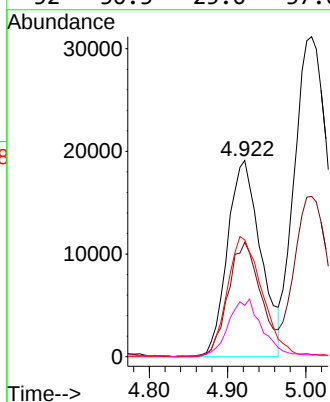
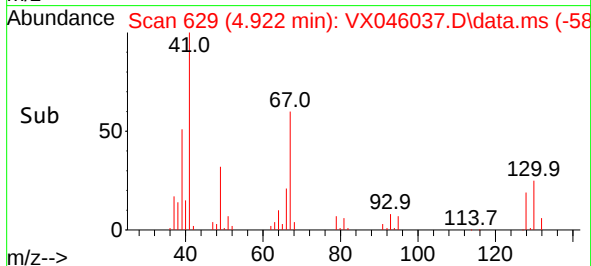
Tgt Ion: 41 Resp: 56589
Ion Ratio Lower Upper
41 100
39 57.4 47.0 70.6
67 64.8 53.2 79.8
52 30.3 25.0 37.6

Manual Integrations

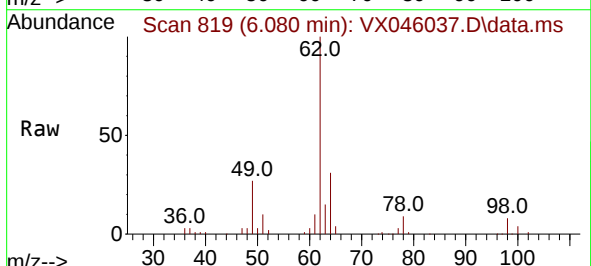
APPROVED

Reviewed By :John Carlone 05/05/2025

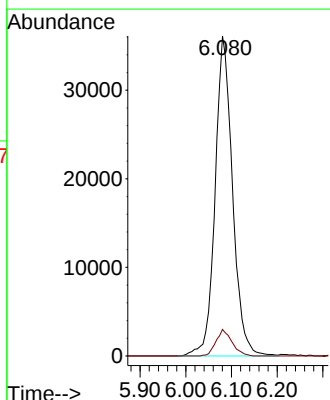
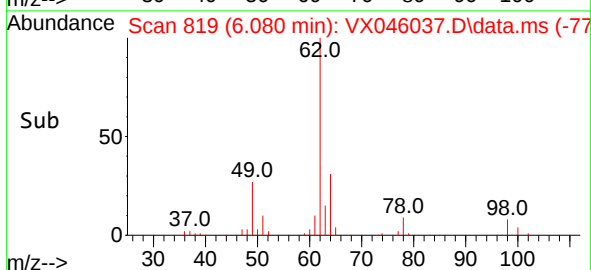
Supervised By :Semsettin Yesilyurt 05/05/2025

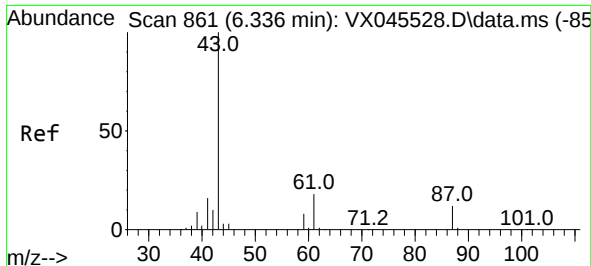


#42
1,2-Dichloroethane
Concen: 58.783 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56



Tgt Ion: 62 Resp: 95829
Ion Ratio Lower Upper
62 100
98 7.6 0.0 15.2





#43

Isopropyl Acetate

Concen: 62.946 ug/l

RT: 6.342 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX046037.D

Acq: 02 May 2025 18:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

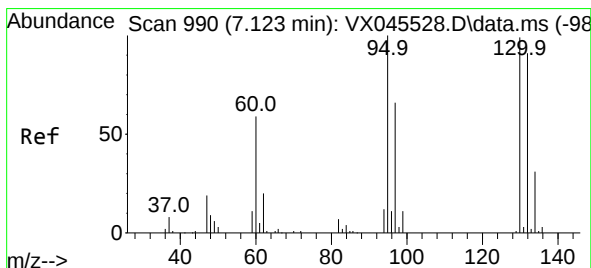
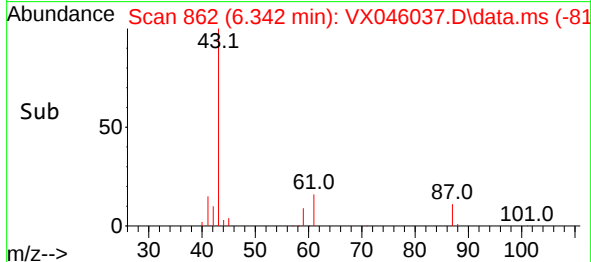
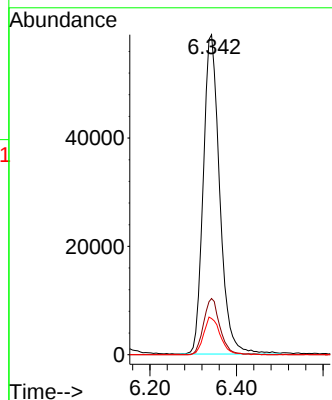
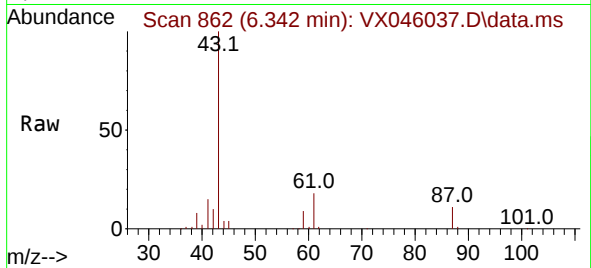
Tgt Ion: 43 Resp: 155379
 Ion Ratio Lower Upper
 43 100
 61 17.3 14.1 21.1
 87 11.8 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#44

Trichloroethene

Concen: 53.917 ug/l

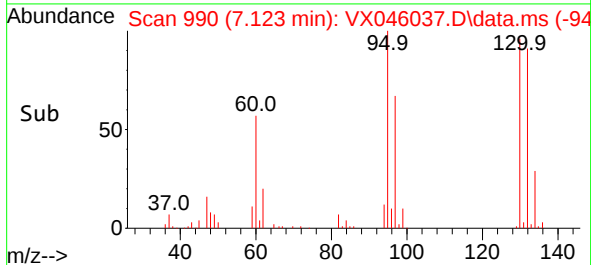
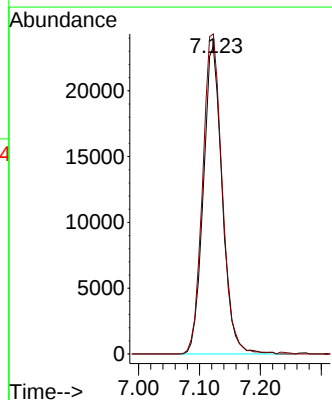
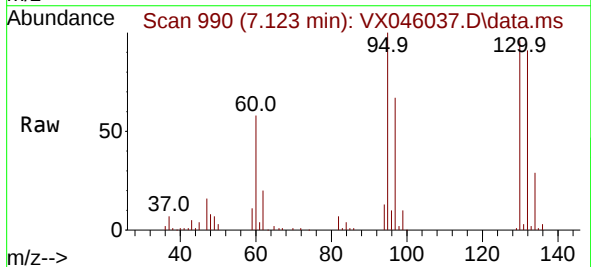
RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX046037.D

Acq: 02 May 2025 18:56

Tgt Ion:130 Resp: 50582
 Ion Ratio Lower Upper
 130 100
 95 104.2 0.0 202.0





#45

1,2-Dichloropropane

Concen: 57.253 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX046037.D

Acq: 02 May 2025 18:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 56384

Ion Ratio Lower Upper

63 100

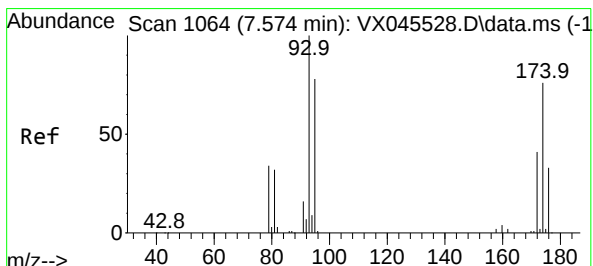
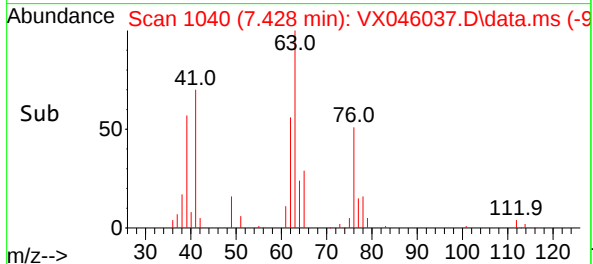
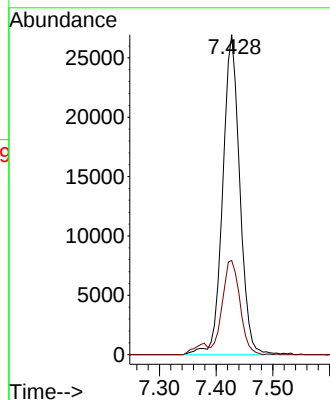
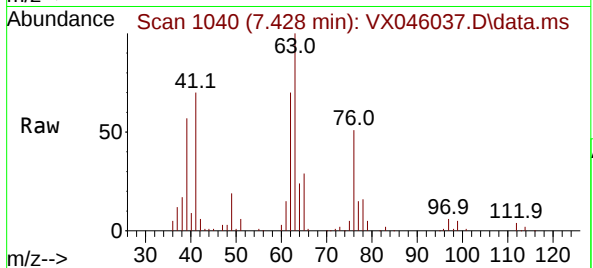
65 29.4 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#46

Dibromomethane

Concen: 57.469 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX046037.D

Acq: 02 May 2025 18:56

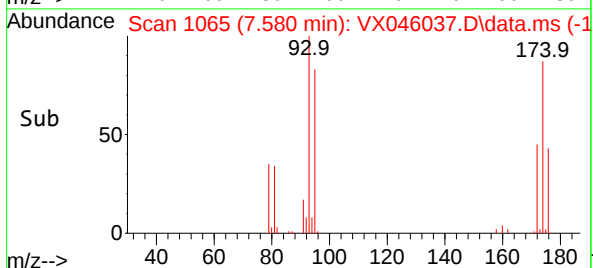
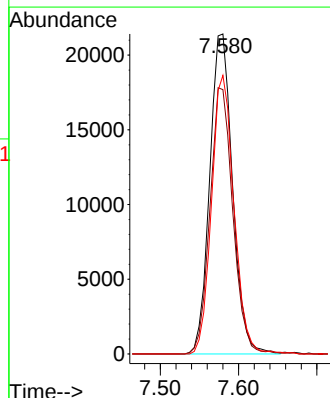
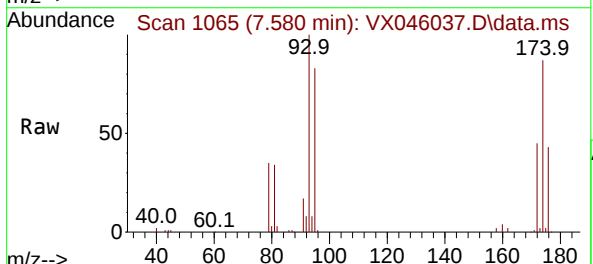
Tgt Ion: 93 Resp: 43446

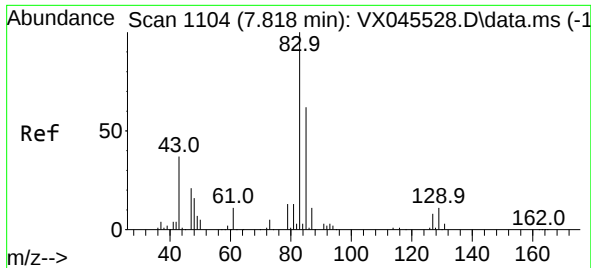
Ion Ratio Lower Upper

93 100

95 83.3 64.8 97.2

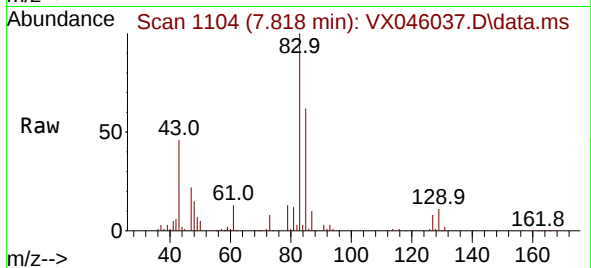
174 85.3 65.4 98.0





#47
Bromodichloromethane
Concen: 57.761 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

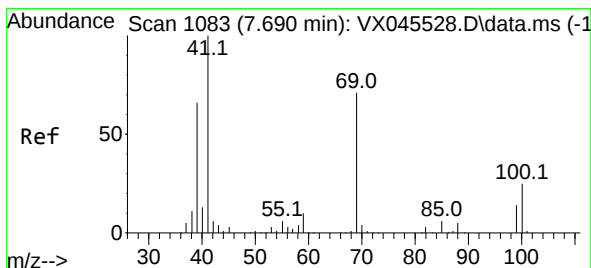
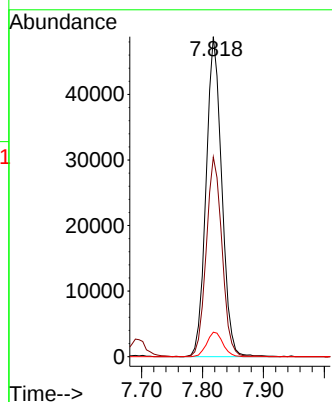
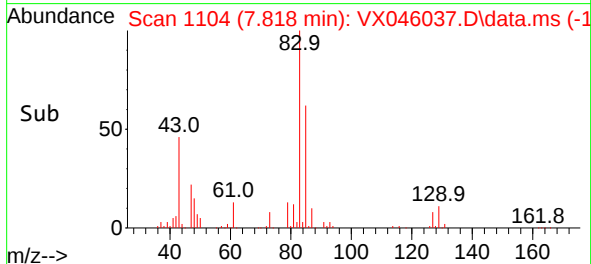
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 87204
Ion Ratio Lower Upper
83 100
85 62.4 49.7 74.5
127 7.7 6.1 9.1

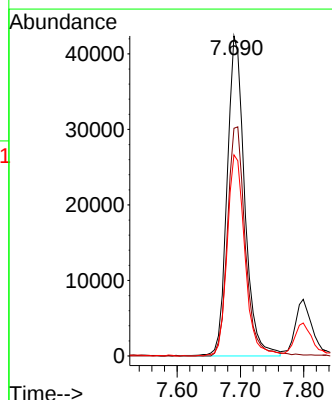
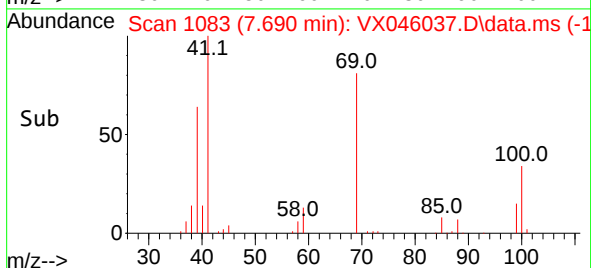
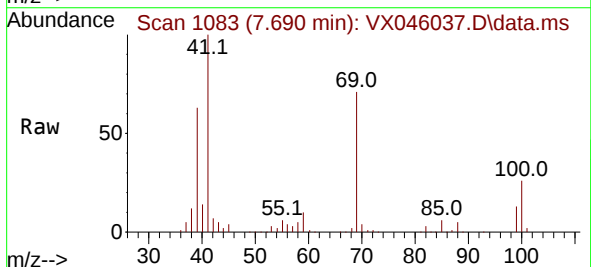
Manual Integrations
APPROVED

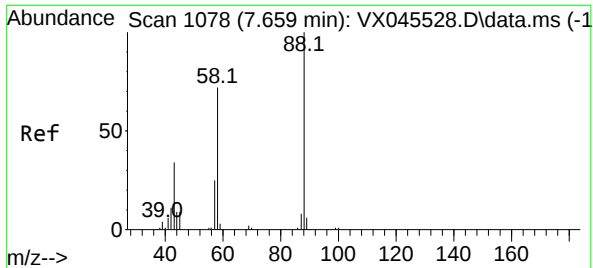
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#48
Methyl methacrylate
Concen: 63.912 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

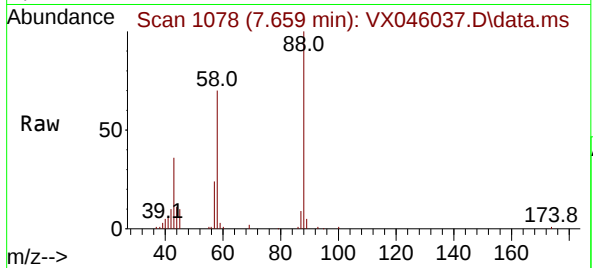
Tgt Ion: 41 Resp: 81456
Ion Ratio Lower Upper
41 100
69 73.4 58.2 87.2
39 63.9 53.6 80.4





#49
1,4-Dioxane
Concen: 1256.168 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

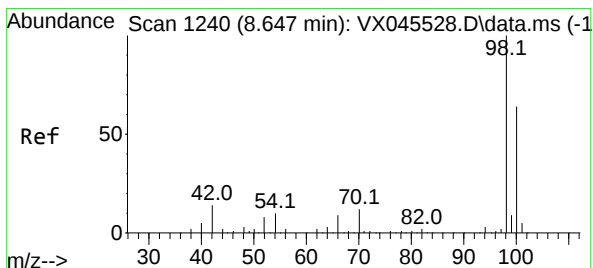
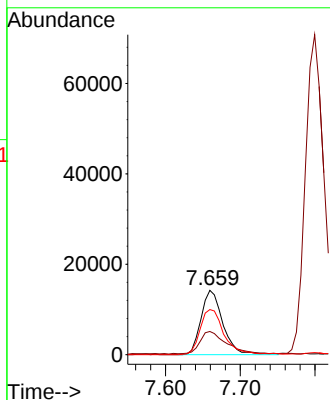
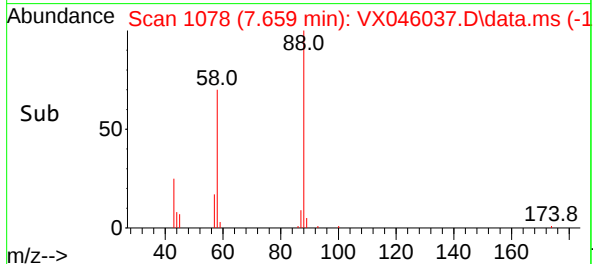
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 28960
Ion Ratio Lower Upper
88 100
43 43.1 32.2 48.4
58 75.5 58.6 88.0

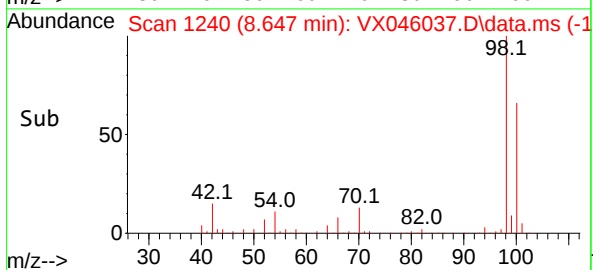
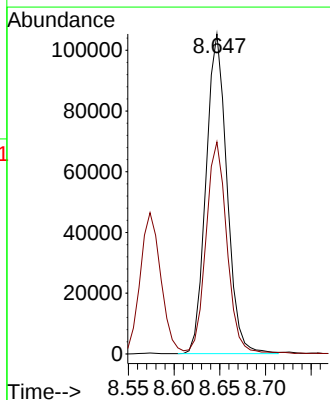
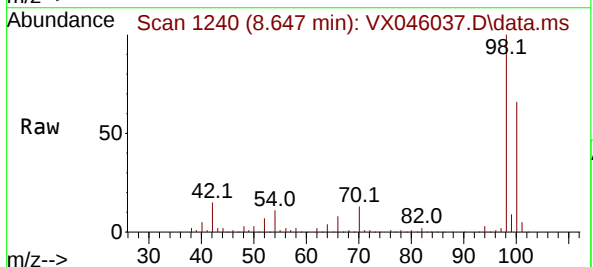
Manual Integrations
APPROVED

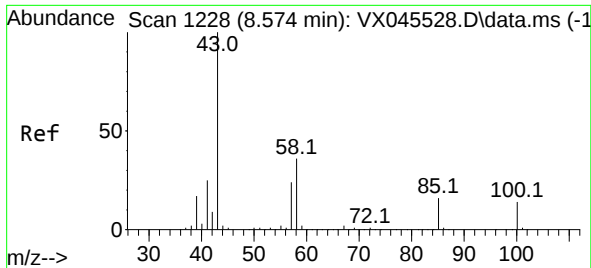
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#50
Toluene-d8
Concen: 50.234 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

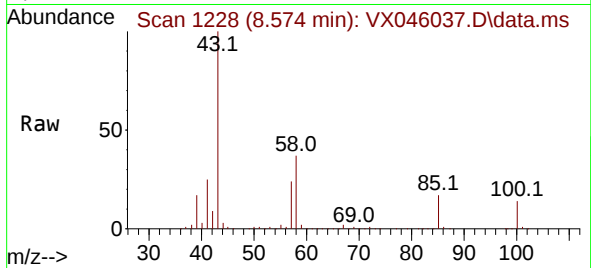
Tgt Ion: 98 Resp: 167826
Ion Ratio Lower Upper
98 100
100 67.0 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 323.696 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

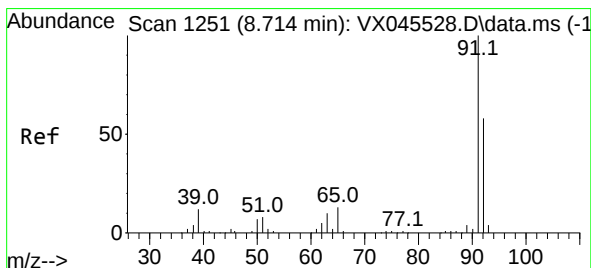
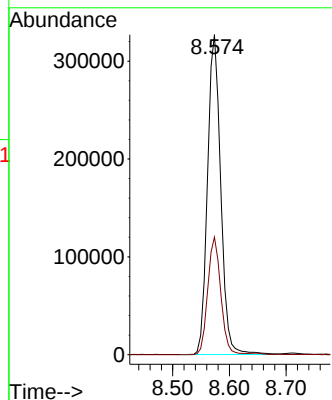
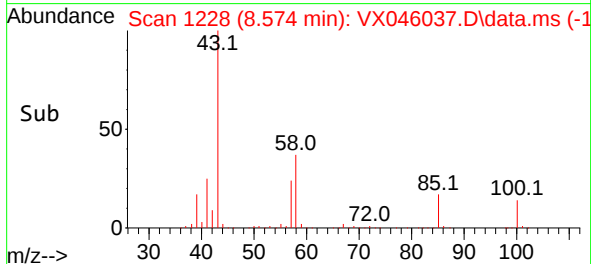
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 52968
Ion Ratio Lower Upper
43 100
58 36.0 28.5 42.7

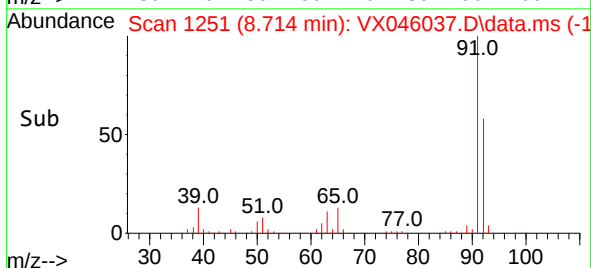
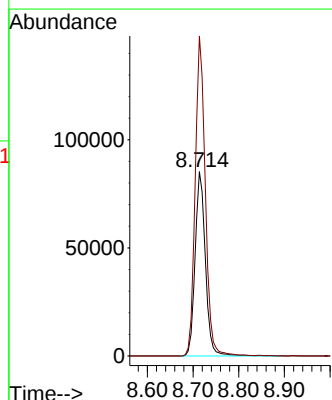
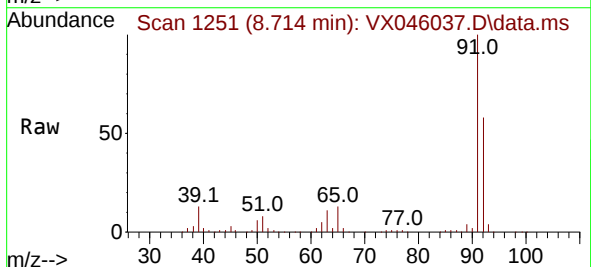
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#52
Toluene
Concen: 55.811 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

Tgt Ion: 92 Resp: 133297
Ion Ratio Lower Upper
92 100
91 171.1 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 52.160 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX046037.D

Acq: 02 May 2025 18:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 75879

Ion Ratio Lower Upper

75 100

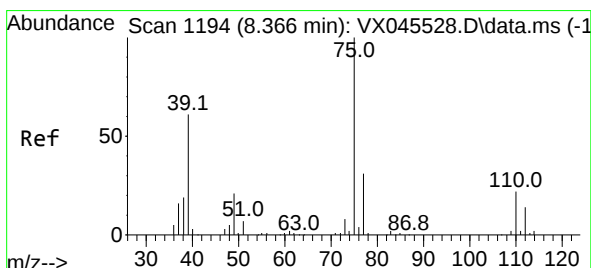
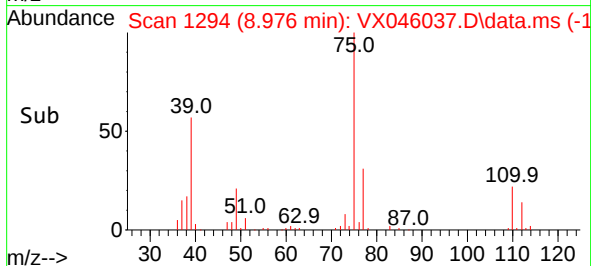
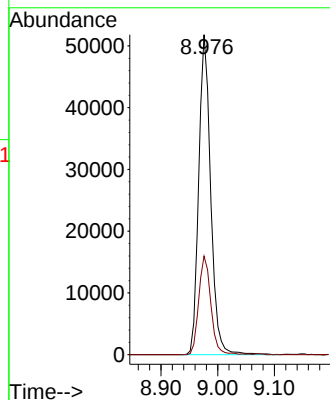
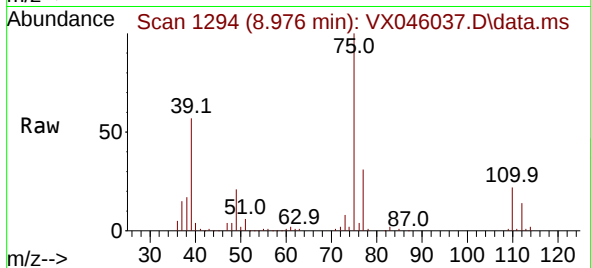
77 30.8 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#54

cis-1,3-Dichloropropene

Concen: 59.412 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX046037.D

Acq: 02 May 2025 18:56

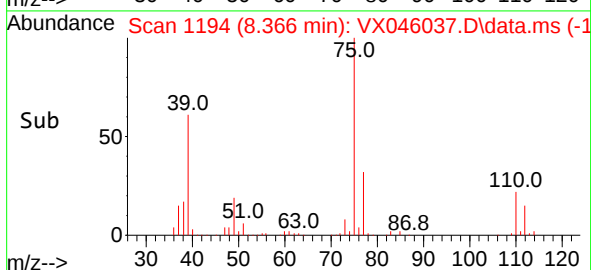
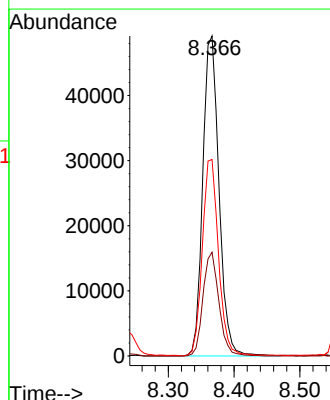
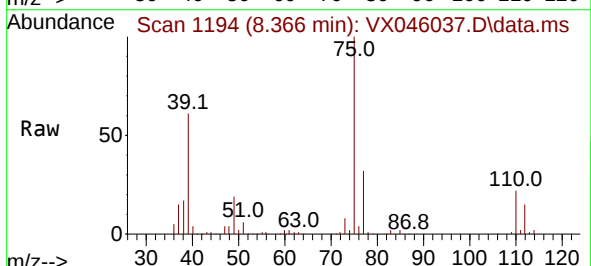
Tgt Ion: 75 Resp: 84291

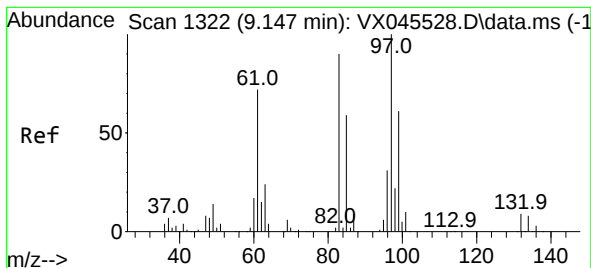
Ion Ratio Lower Upper

75 100

77 32.4 24.6 36.8

39 61.3 48.4 72.6





#55

1,1,2-Trichloroethane

Concen: 57.979 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VX046037.D

Acq: 02 May 2025 18:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 55180

Ion Ratio Lower Upper

97 100

83 88.6 71.8 107.8

85 54.5 47.0 70.6

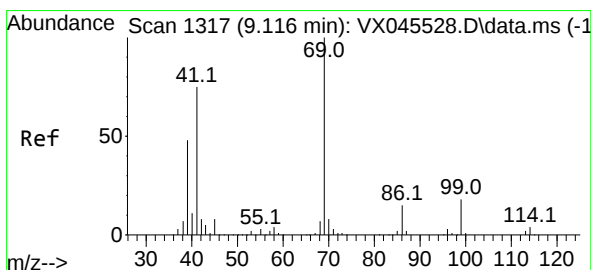
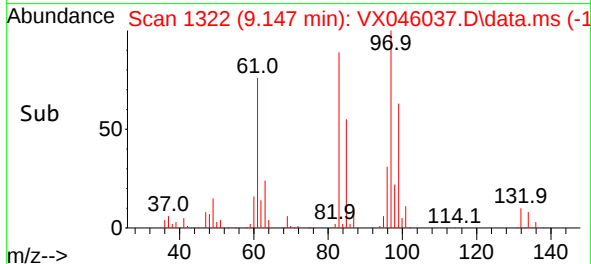
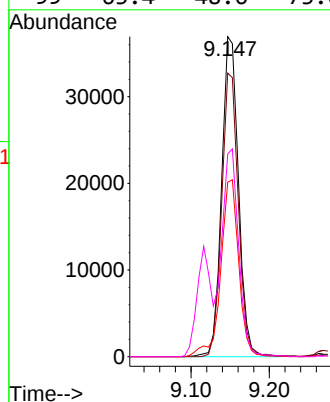
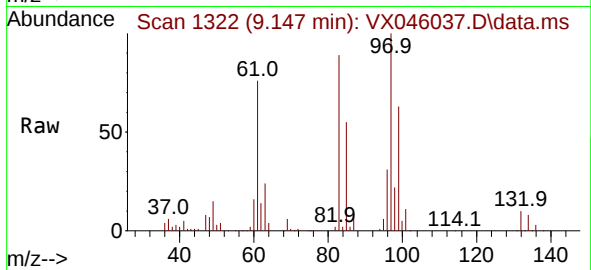
99 63.4 48.6 73.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#56

Ethyl methacrylate

Concen: 65.071 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX046037.D

Acq: 02 May 2025 18:56

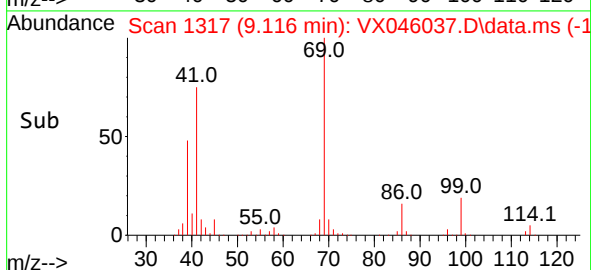
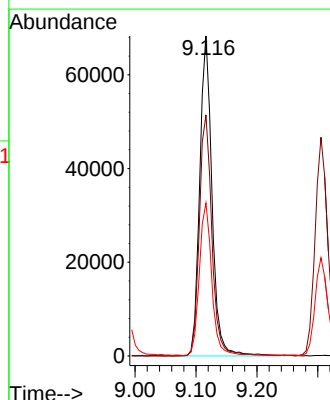
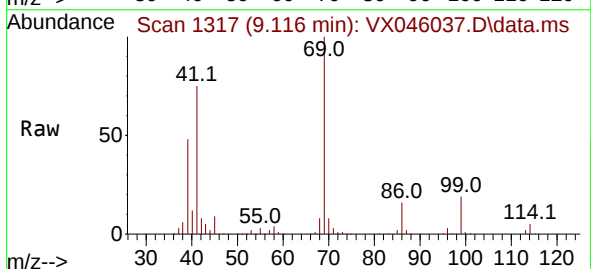
Tgt Ion: 69 Resp: 95843

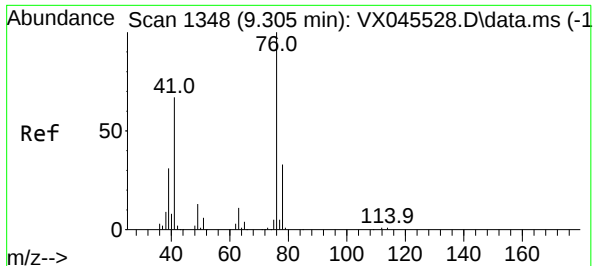
Ion Ratio Lower Upper

69 100

41 77.6 61.3 91.9

39 48.1 40.2 60.2





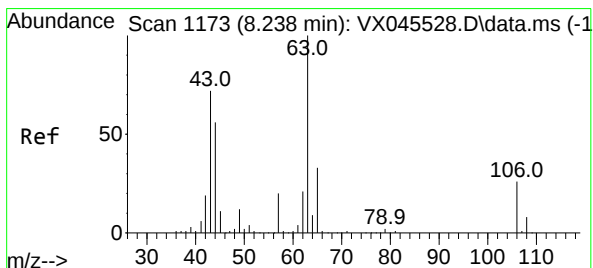
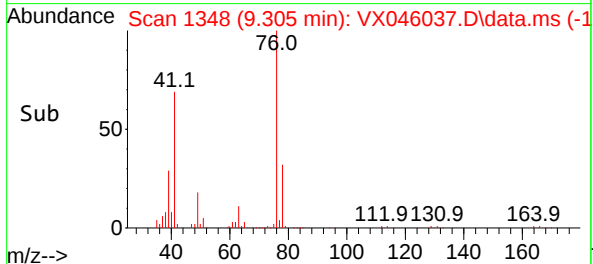
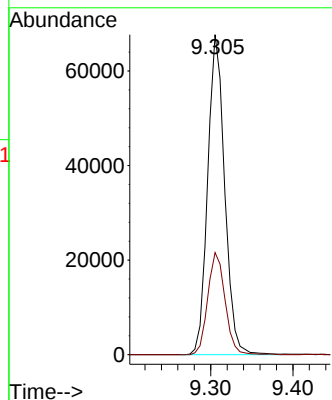
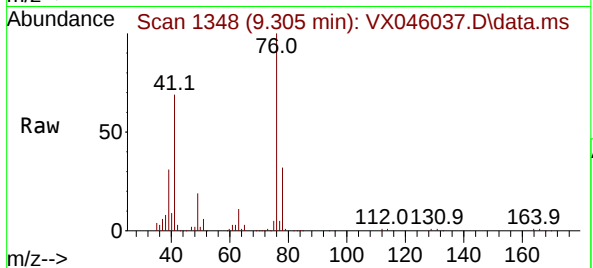
#57
1,3-Dichloropropane
Concen: 58.480 ug/l
RT: 9.305 min Scan# 11348
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 96918
Ion Ratio Lower Upper
76 100
78 32.6 26.0 39.0

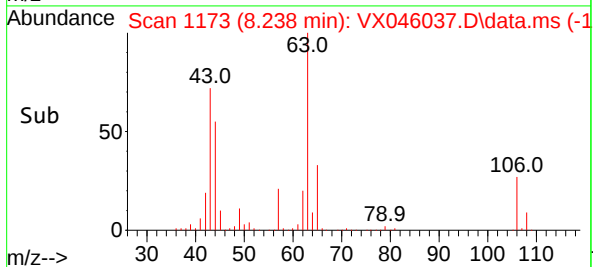
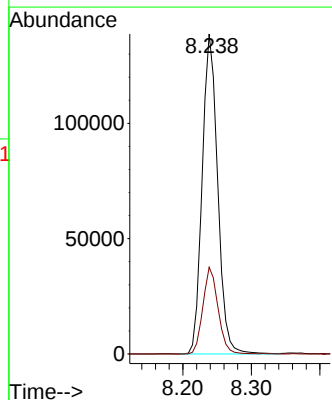
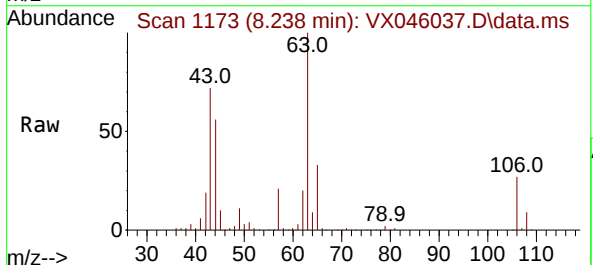
Manual Integrations
APPROVED

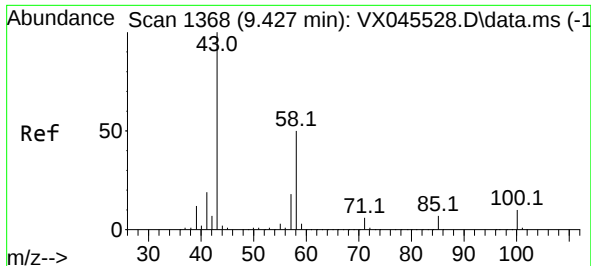
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#58
2-Chloroethyl Vinyl ether
Concen: 293.092 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

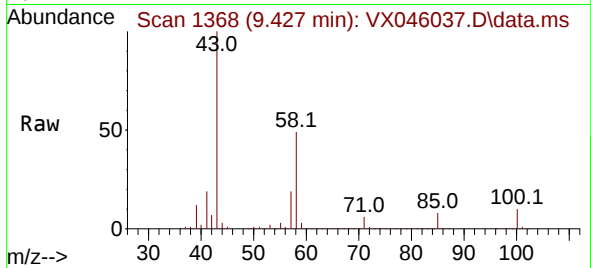
Tgt Ion: 63 Resp: 218383
Ion Ratio Lower Upper
63 100
106 26.5 21.0 31.6





#59
2-Hexanone
Concen: 330.568 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

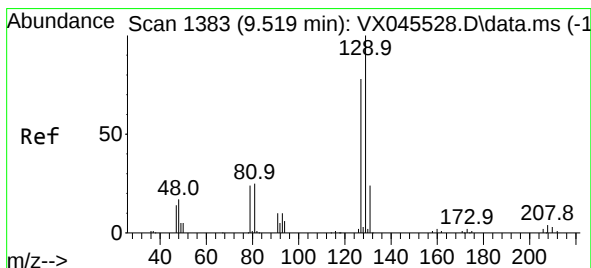
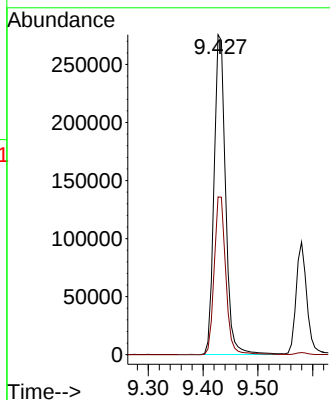
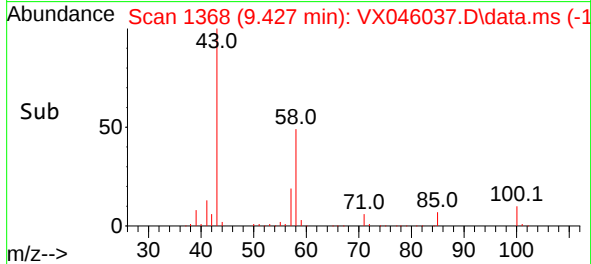
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 400574
Ion Ratio Lower Upper
43 100
58 49.7 24.9 74.6

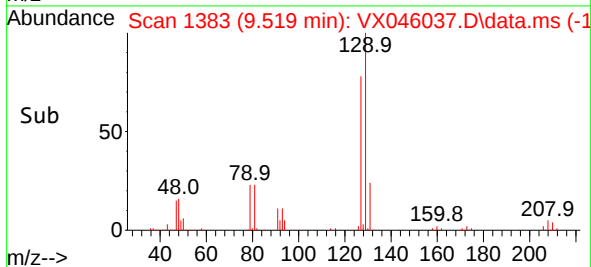
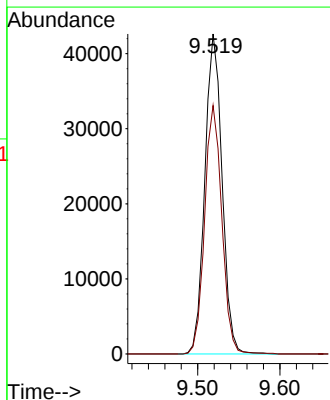
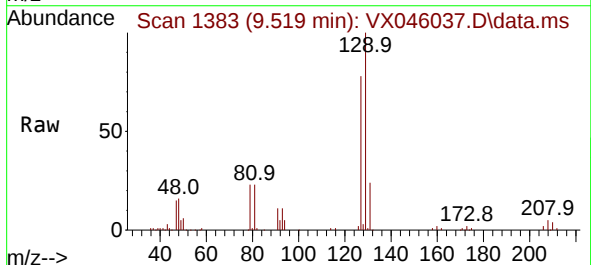
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#60
Dibromochloromethane
Concen: 59.725 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

Tgt Ion:129 Resp: 61968
Ion Ratio Lower Upper
129 100
127 77.6 39.4 118.2





#61
1,2-Dibromoethane
Concen: 59.996 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

Instrument :

MSVOA_X

ClientSampleId :

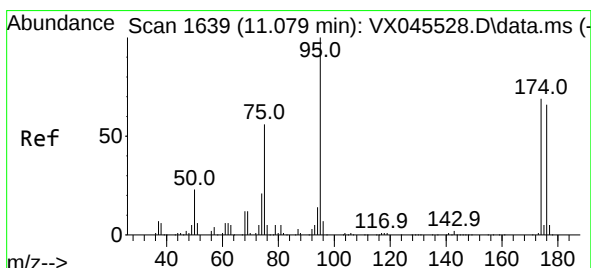
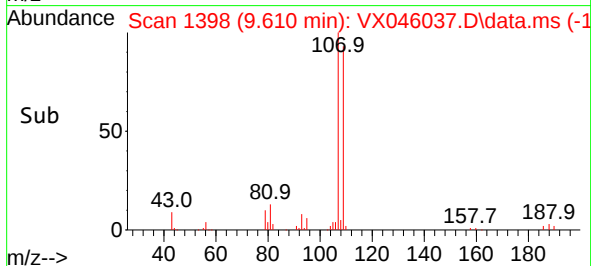
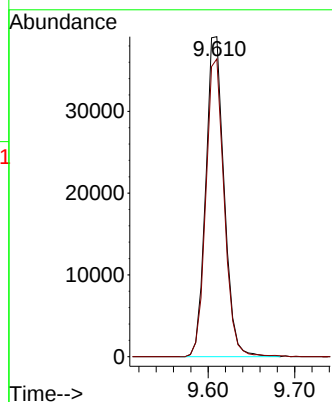
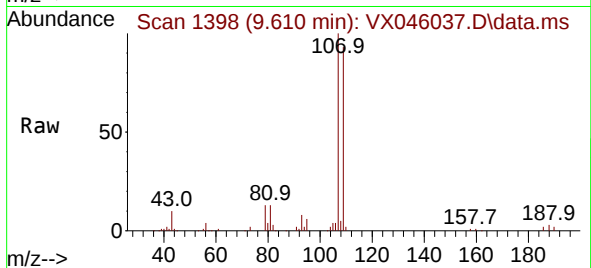
VSTDCCC050EC

Tgt Ion:107 Resp: 57802
Ion Ratio Lower Upper
107 100
109 92.5 75.7 113.5

Manual Integrations

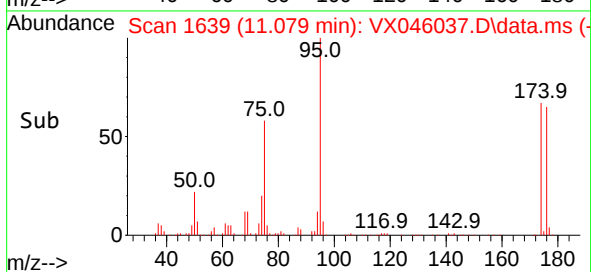
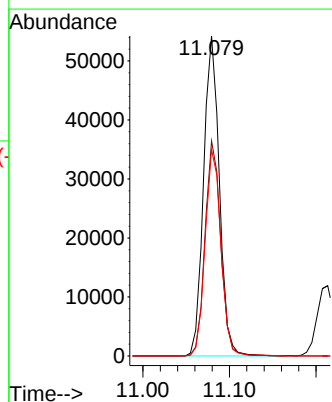
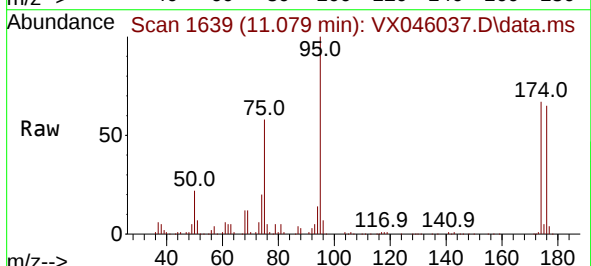
APPROVED

Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#62
4-Bromofluorobenzene
Concen: 56.361 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

Tgt Ion: 95 Resp: 68587
Ion Ratio Lower Upper
95 100
174 66.8 0.0 135.8
176 64.5 0.0 131.4





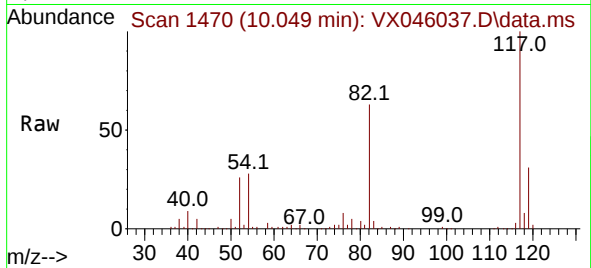
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

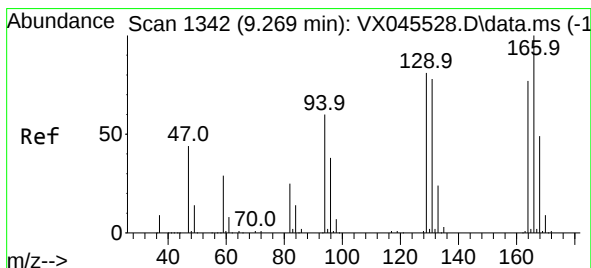
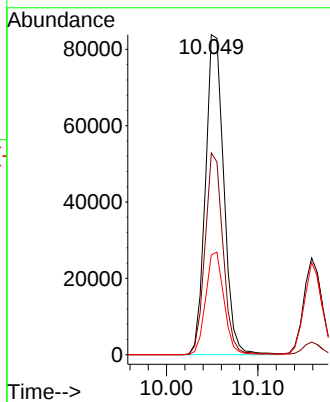
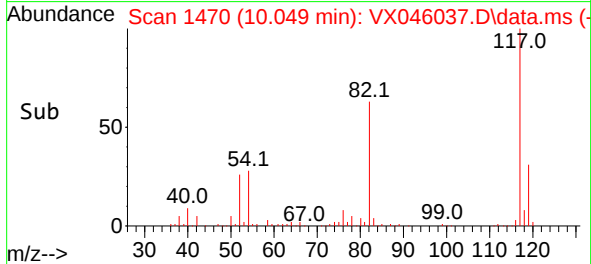


Tgt Ion:117 Resp: 116760
Ion Ratio Lower Upper
117 100
82 63.1 49.2 73.8
119 31.2 25.1 37.7

Manual Integrations

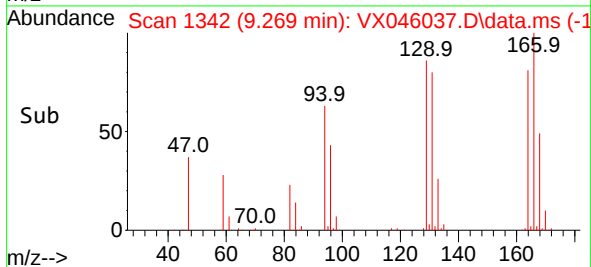
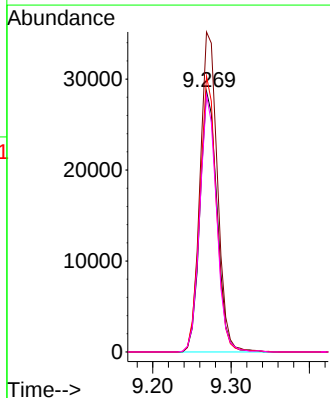
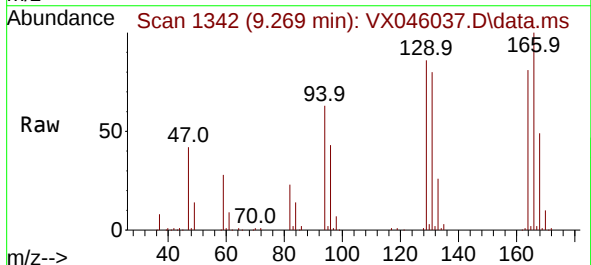
APPROVED

Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#64
Tetrachloroethene
Concen: 52.609 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

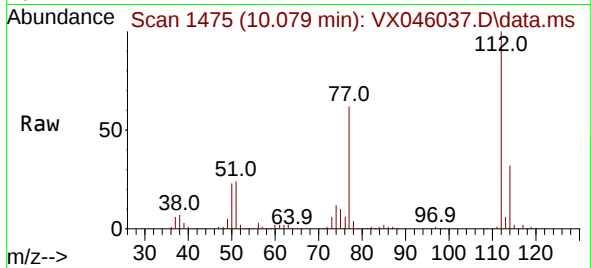
Tgt Ion:164 Resp: 43371
Ion Ratio Lower Upper
164 100
166 122.8 103.8 155.8
129 105.9 84.3 126.5
131 98.6 80.9 121.3





#65
Chlorobenzene
Concen: 58.306 ug/l
RT: 10.079 min Scan# 1474
Delta R.T. 0.006 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

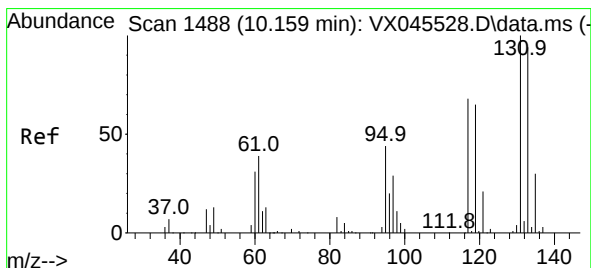
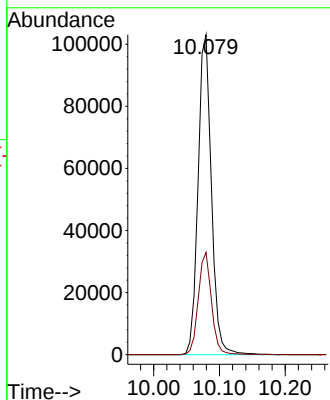
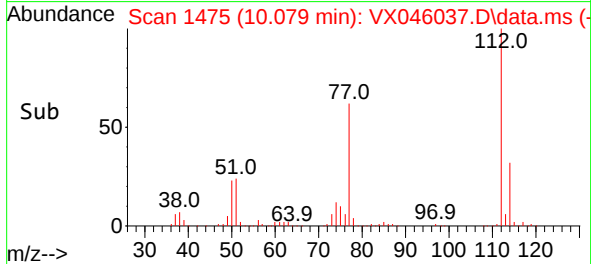
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 145479
Ion Ratio Lower Upper
112 100
114 31.9 24.7 37.1

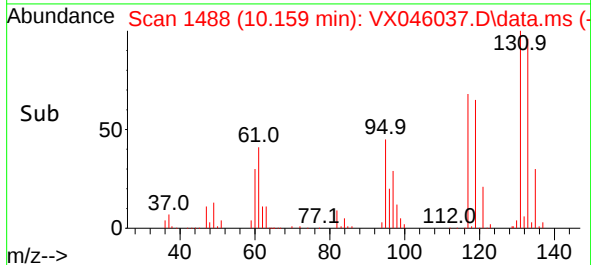
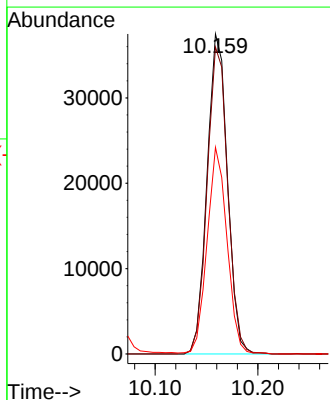
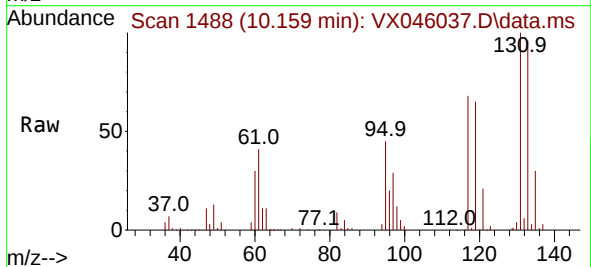
Manual Integrations
APPROVED

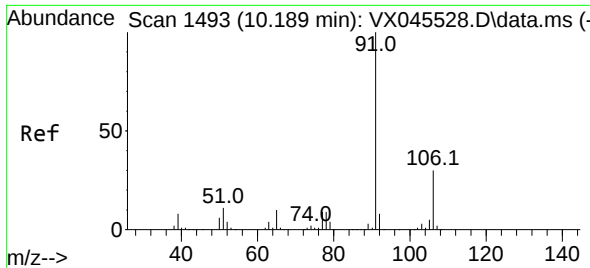
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 59.543 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

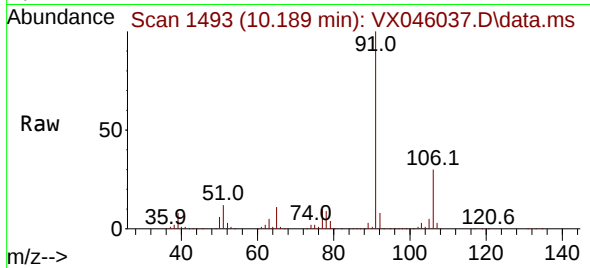
Tgt Ion:131 Resp: 51579
Ion Ratio Lower Upper
131 100
133 97.1 47.5 142.5
119 63.3 32.9 98.6





#67
Ethyl Benzene
Concen: 58.672 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

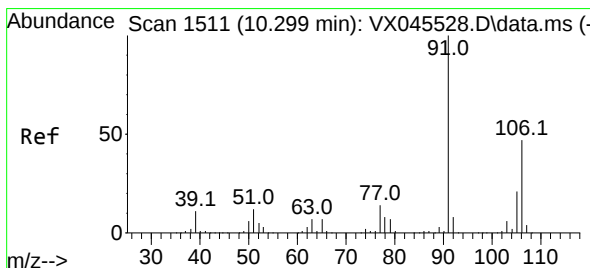
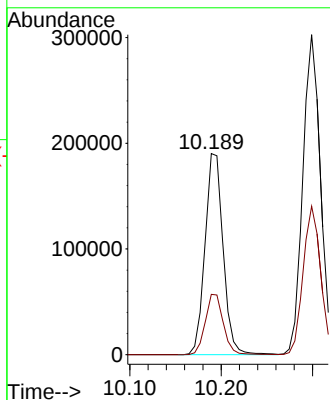
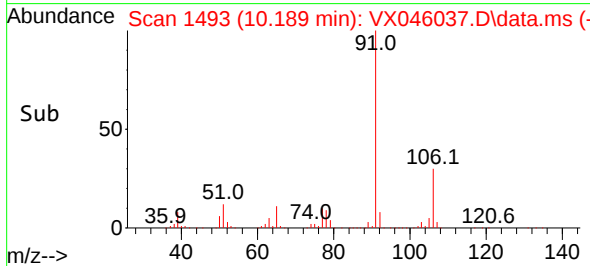
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 262190
Ion Ratio Lower Upper
91 100
106 30.0 23.7 35.5

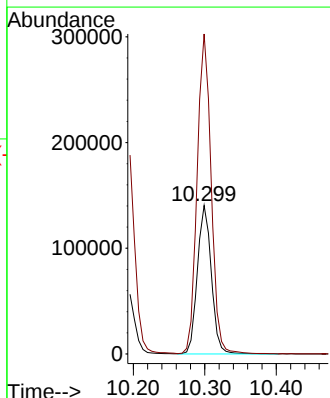
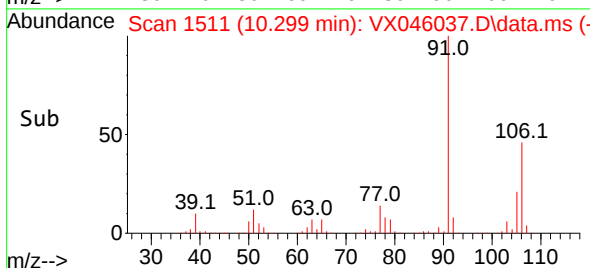
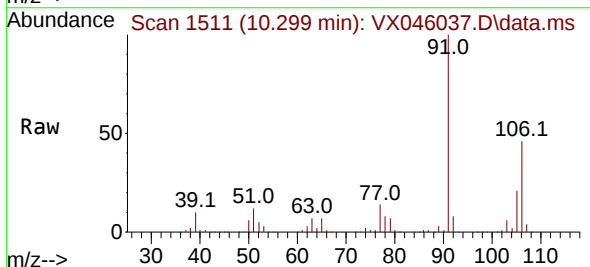
Manual Integrations
APPROVED

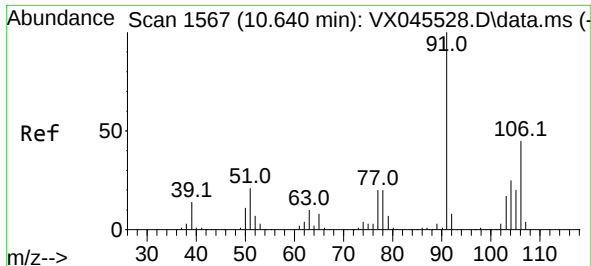
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#68
m/p-Xylenes
Concen: 117.171 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

Tgt Ion:106 Resp: 190440
Ion Ratio Lower Upper
106 100
91 216.0 172.6 258.8





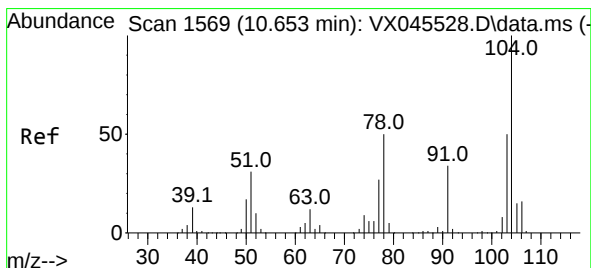
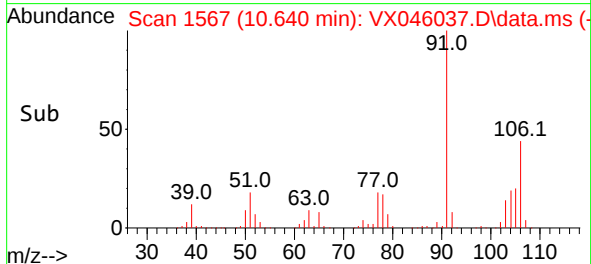
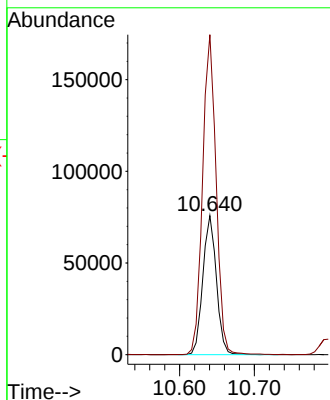
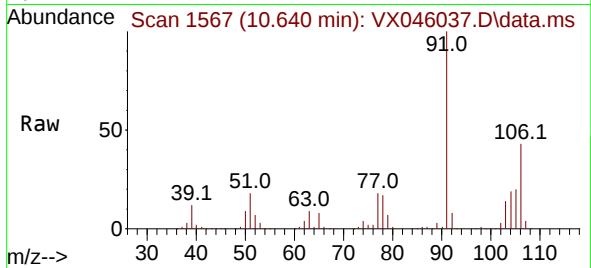
#69
o-Xylene
Concen: 59.699 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 9558
Ion Ratio Lower Upper
106 100
91 229.9 113.6 340.6

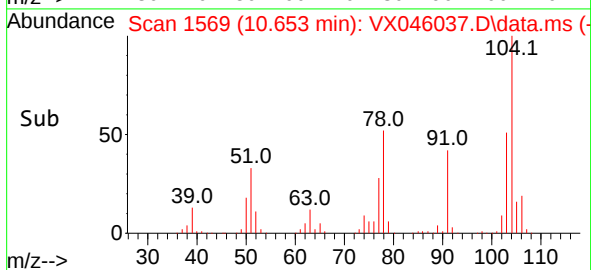
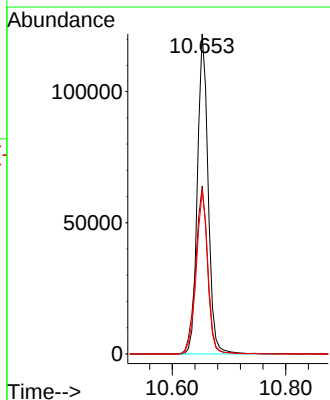
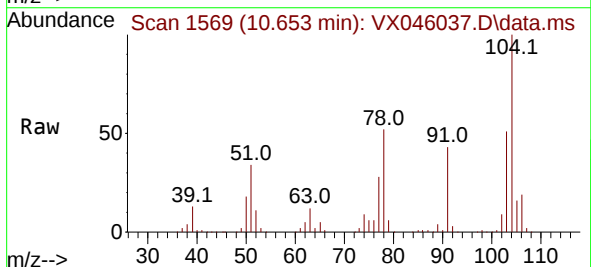
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#70
Styrene
Concen: 60.643 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

Tgt Ion:104 Resp: 160254
Ion Ratio Lower Upper
104 100
78 58.0 45.4 68.2
103 55.5 43.8 65.8





#71

Bromoform

Concen: 61.887 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX046037.D

Acq: 02 May 2025 18:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

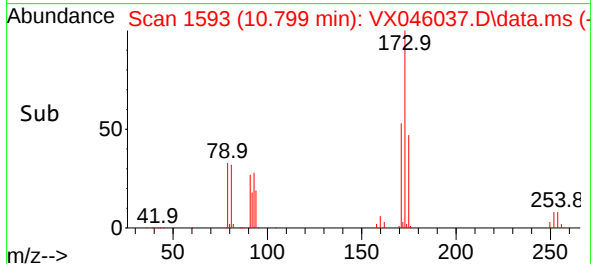
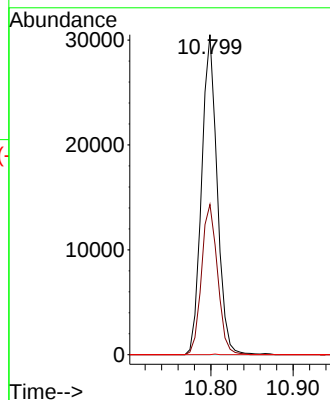
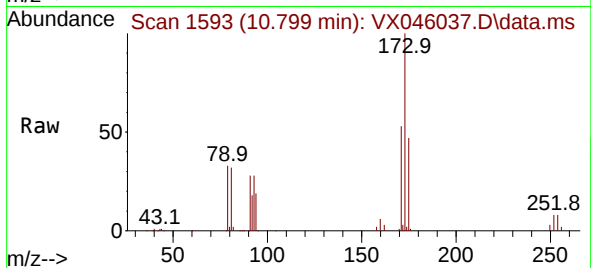
Tgt Ion:	173	Resp:	40029
Ion Ratio	Lower	Upper	
173	100		
175	48.3	23.4	70.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

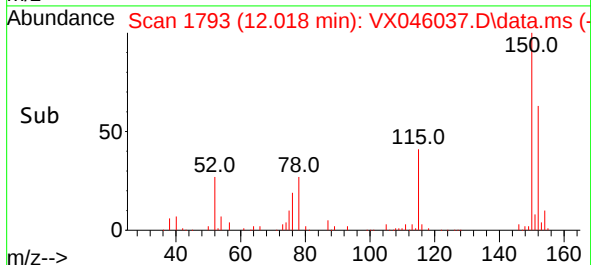
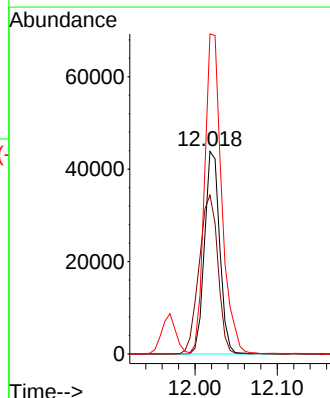
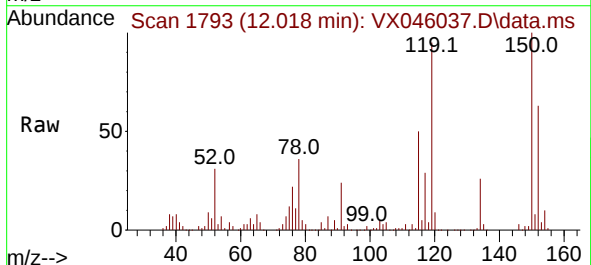
RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX046037.D

Acq: 02 May 2025 18:56

Tgt Ion:	152	Resp:	56041
Ion Ratio	Lower	Upper	
152	100		
115	97.3	46.9	140.7
150	177.8	0.0	349.4





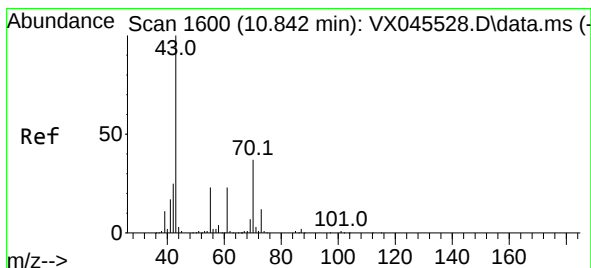
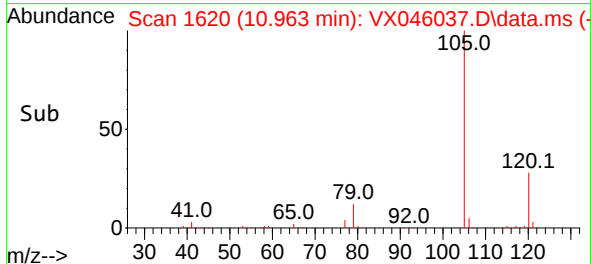
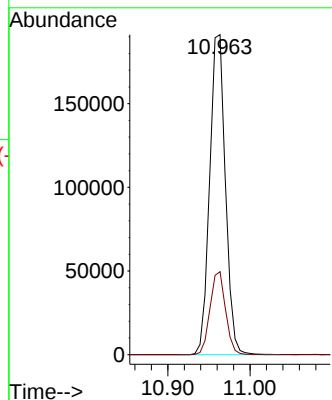
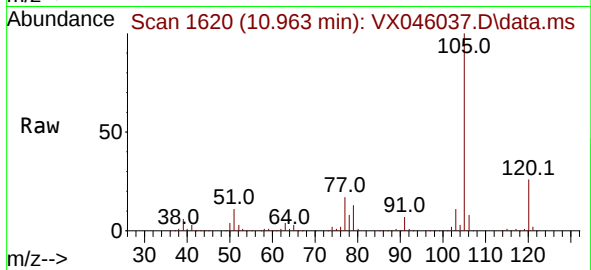
#73
Isopropylbenzene
Concen: 56.715 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 25459
Ion Ratio Lower Upper
105 100
120 25.6 12.7 38.0

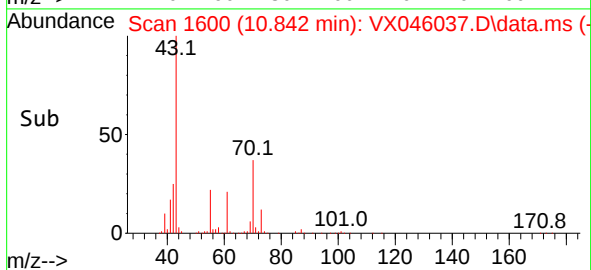
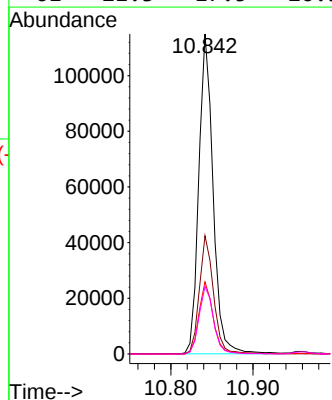
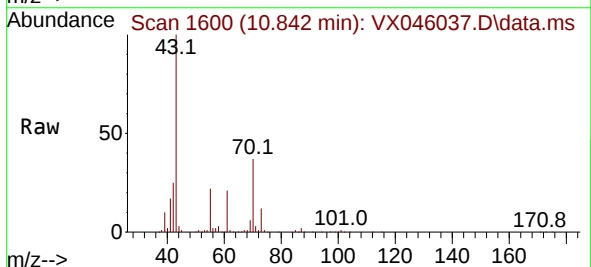
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#74
N-ethyl acetate
Concen: 64.532 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

Tgt Ion: 43 Resp: 138569
Ion Ratio Lower Upper
43 100
70 37.0 30.1 45.1
55 22.8 18.3 27.5
61 21.3 17.5 26.3





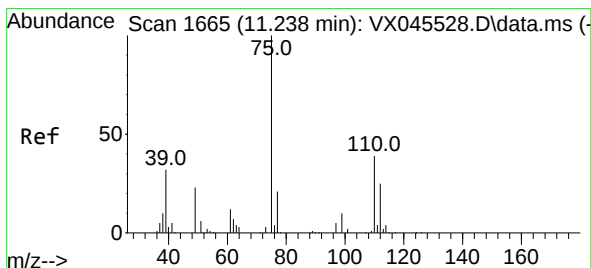
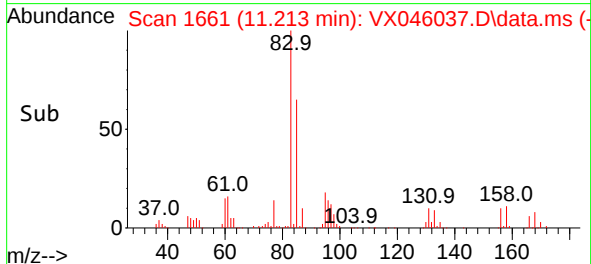
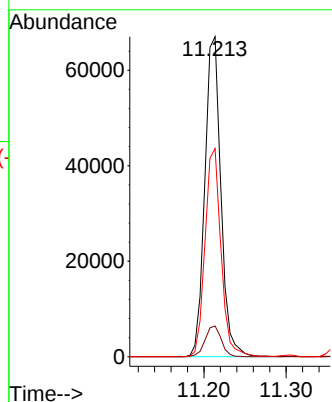
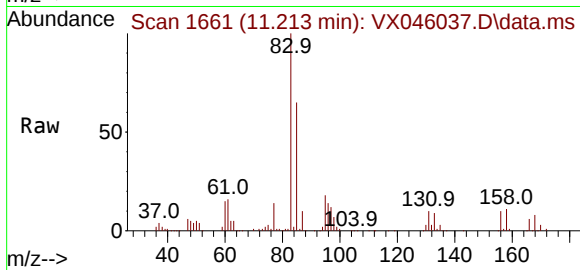
#75
 1,1,2,2-Tetrachloroethane
 Concen: 57.783 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.006 min
 Lab File: VX046037.D
 Acq: 02 May 2025 18:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 83 Resp: 91119
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.7 14.1
 85 64.6 32.4 97.2

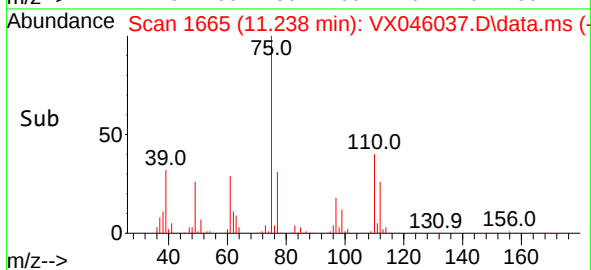
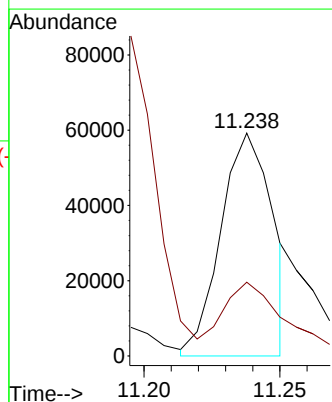
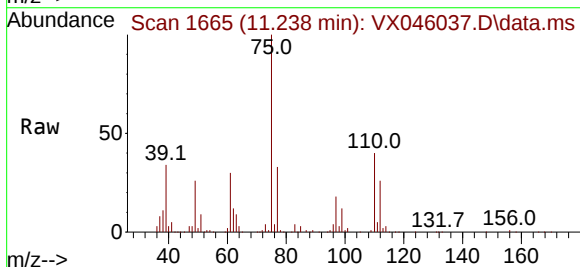
Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/05/2025
 Supervised By :Semsettin Yesilyurt 05/05/2025



#76
 1,2,3-Trichloropropane
 Concen: 57.542 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX046037.D
 Acq: 02 May 2025 18:56

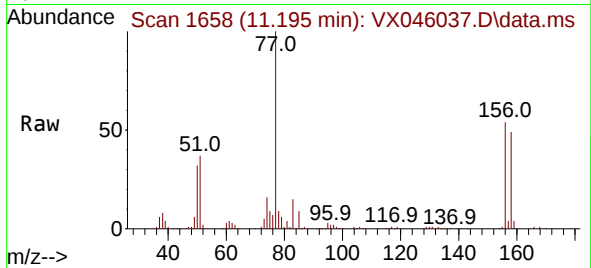
Tgt Ion: 75 Resp: 78659
 Ion Ratio Lower Upper
 75 100
 77 40.5 20.0 59.9





#77
Bromobenzene
Concen: 57.358 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

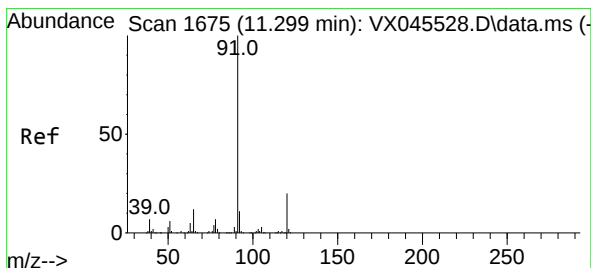
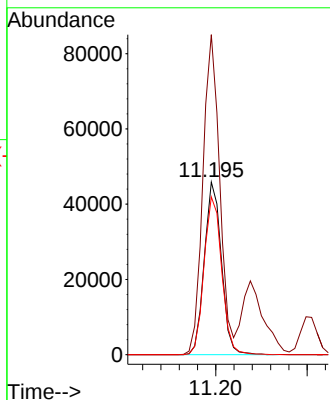
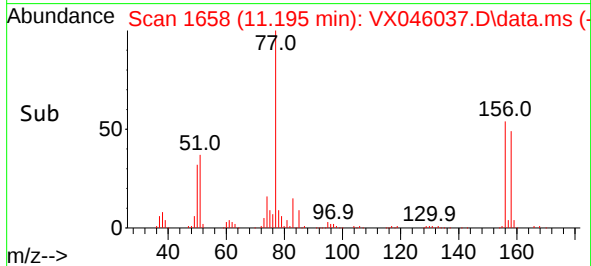
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



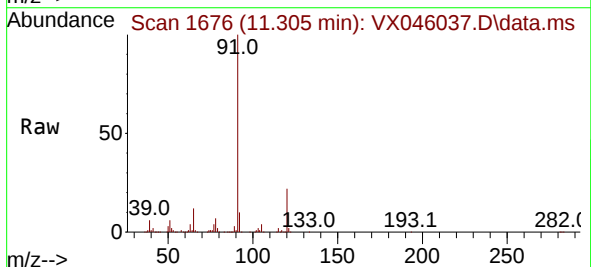
Tgt Ion:156 Resp: 5949
Ion Ratio Lower Upper
156 100
77 182.5 92.6 277.8
158 94.6 48.1 144.4

Manual Integrations
APPROVED

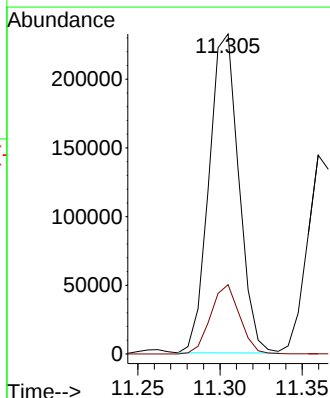
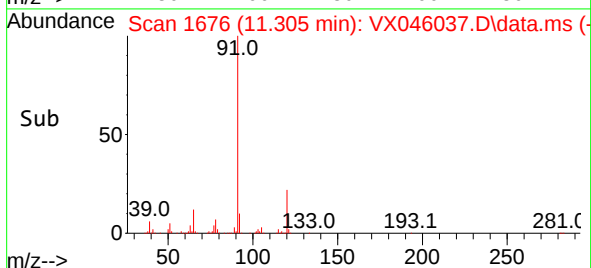
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#78
n-propylbenzene
Concen: 56.661 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56



Tgt Ion: 91 Resp: 292968
Ion Ratio Lower Upper
91 100
120 21.2 10.8 32.3





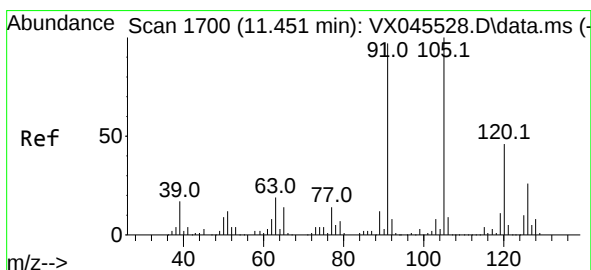
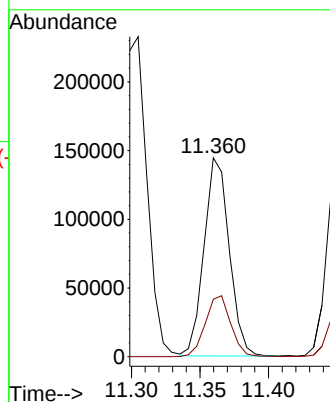
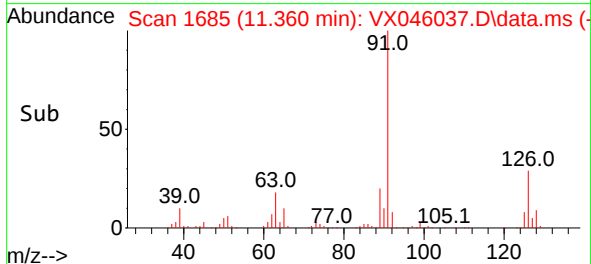
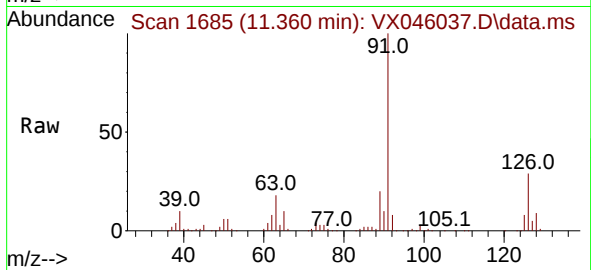
#79
2-Chlorotoluene
Concen: 55.778 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 18437
Ion Ratio Lower Upper
91 100
126 31.1 15.8 47.4

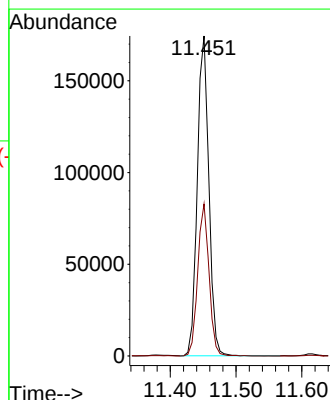
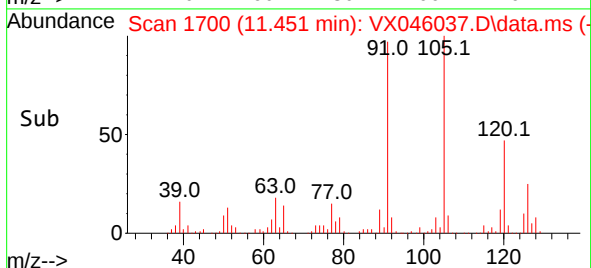
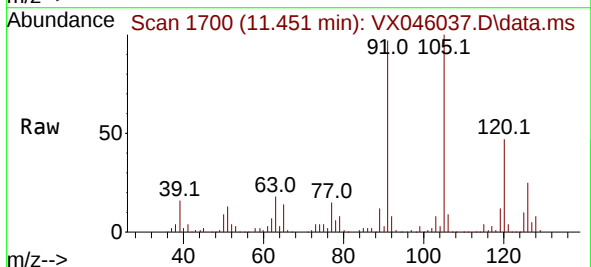
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#80
1,3,5-Trimethylbenzene
Concen: 57.250 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

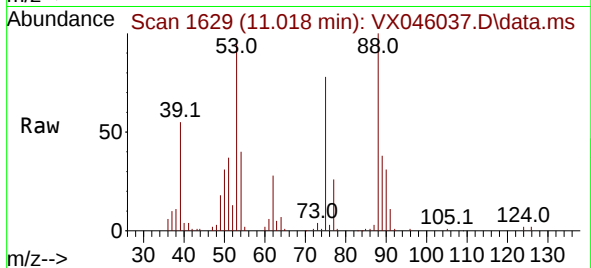
Tgt Ion:105 Resp: 212512
Ion Ratio Lower Upper
105 100
120 46.8 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 55.770 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

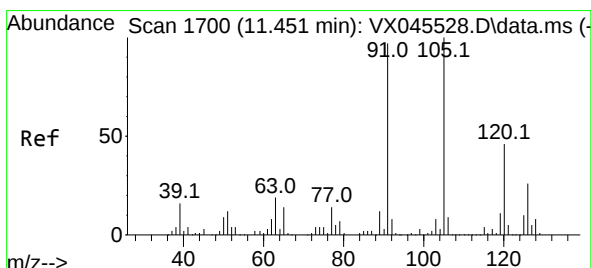
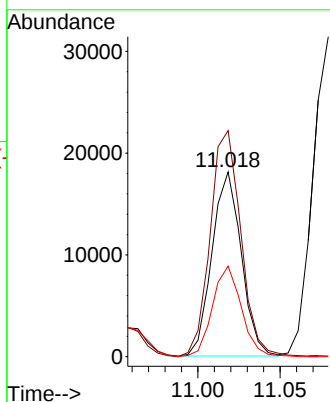
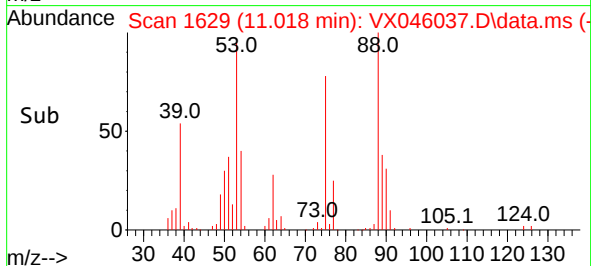
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



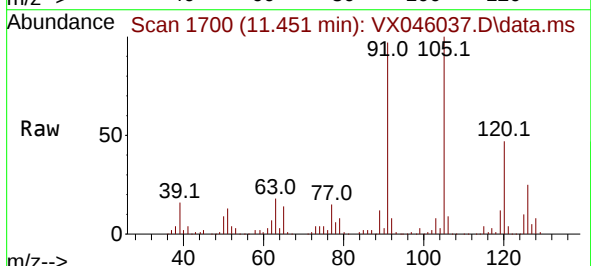
Tgt Ion: 75 Resp: 2246
Ion Ratio Lower Upper
75 100
53 129.0 101.8 152.6
89 48.4 37.2 55.8

Manual Integrations
APPROVED

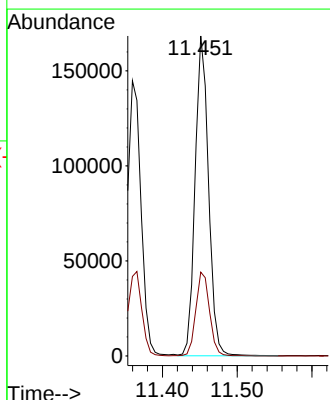
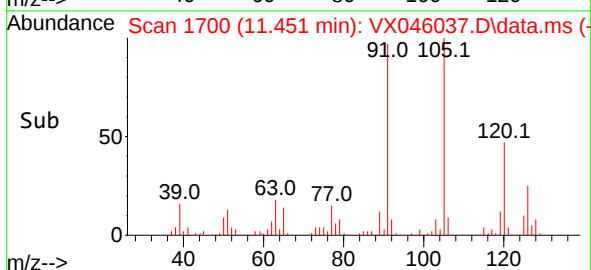
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#82
4-Chlorotoluene
Concen: 56.917 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56



Tgt Ion: 91 Resp: 209765
Ion Ratio Lower Upper
91 100
126 26.8 13.3 39.9





#83

tert-Butylbenzene

Concen: 58.823 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX046037.D

Acq: 02 May 2025 18:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 21617

Ion Ratio Lower Upper

119 100

91 65.3 32.4 97.2

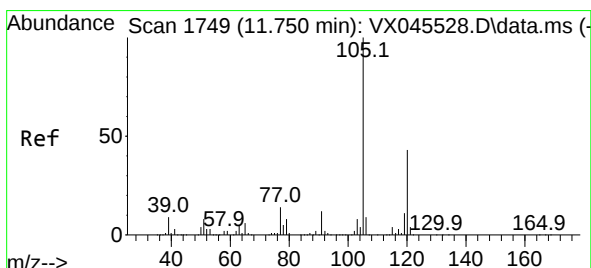
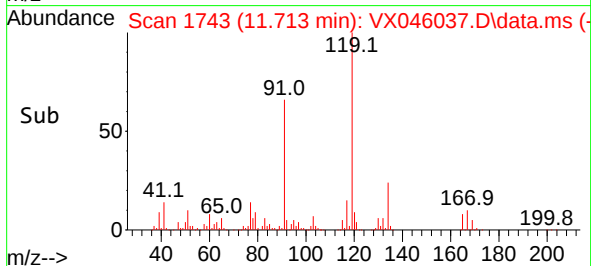
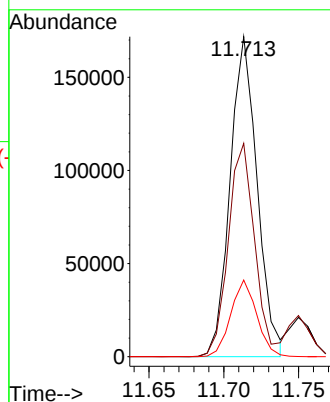
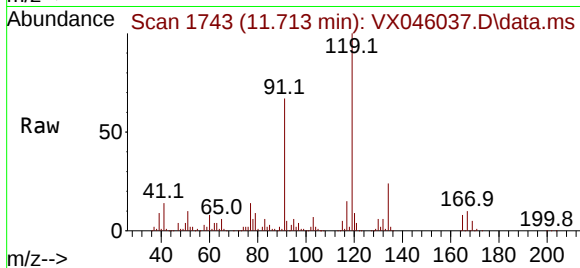
134 23.0 11.5 34.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#84

1,2,4-Trimethylbenzene

Concen: 58.626 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX046037.D

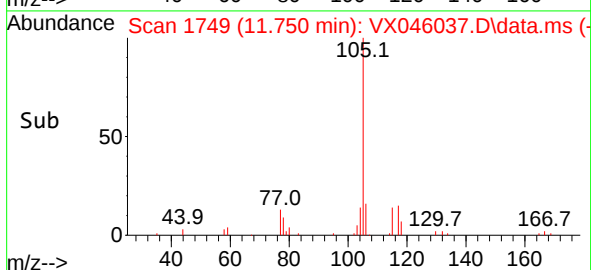
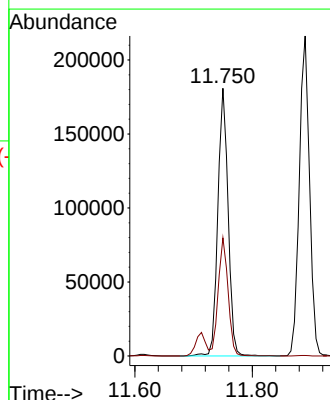
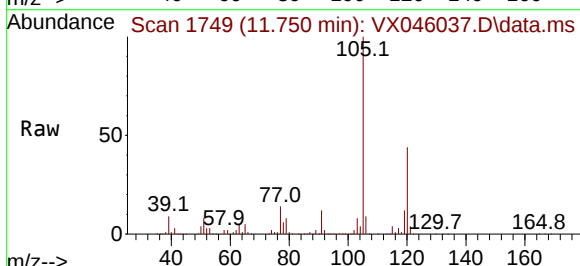
Acq: 02 May 2025 18:56

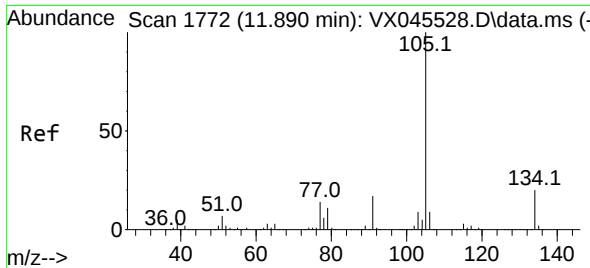
Tgt Ion:105 Resp: 218418

Ion Ratio Lower Upper

105 100

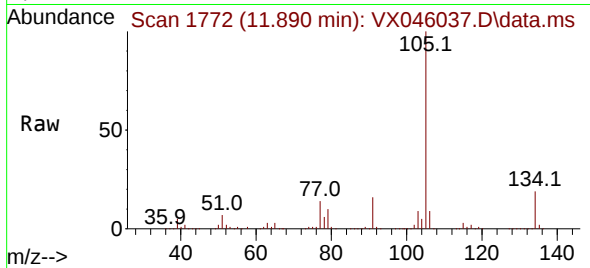
120 42.9 21.4 64.3





#85
 sec-Butylbenzene
 Concen: 58.072 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX046037.D
 Acq: 02 May 2025 18:56

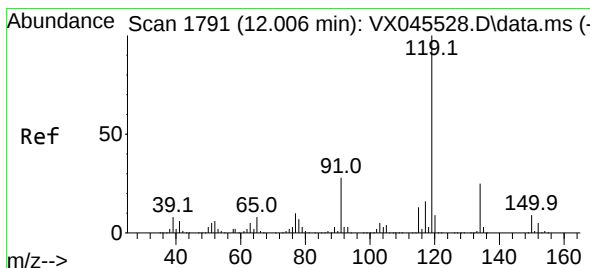
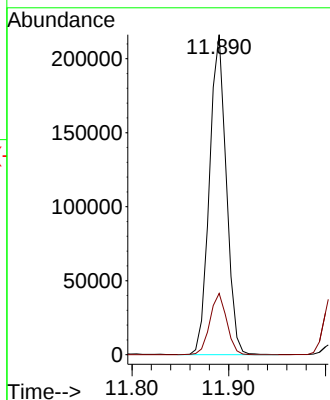
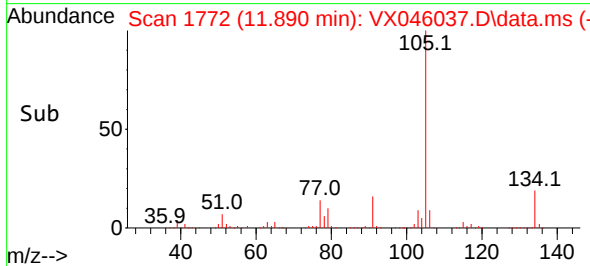
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



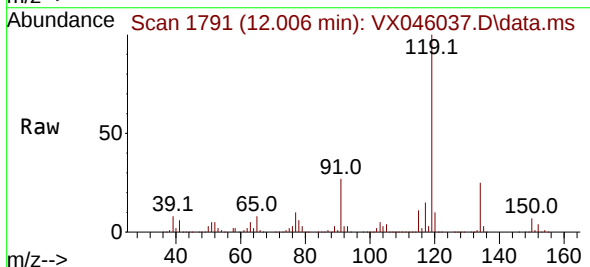
Tgt Ion:105 Resp: 262120
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.6 28.6

Manual Integrations
 APPROVED

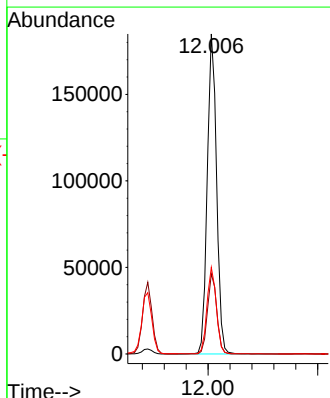
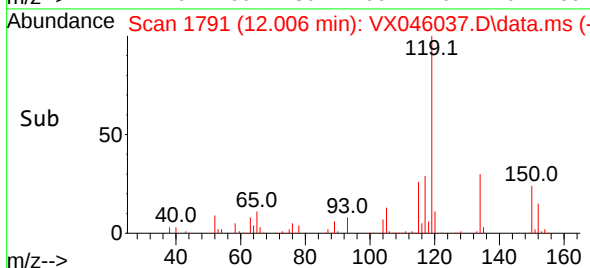
Reviewed By :John Carlone 05/05/2025
 Supervised By :Semsettin Yesilyurt 05/05/2025

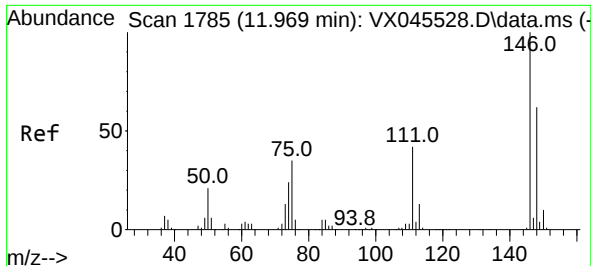


#86
 p-Isopropyltoluene
 Concen: 58.303 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX046037.D
 Acq: 02 May 2025 18:56



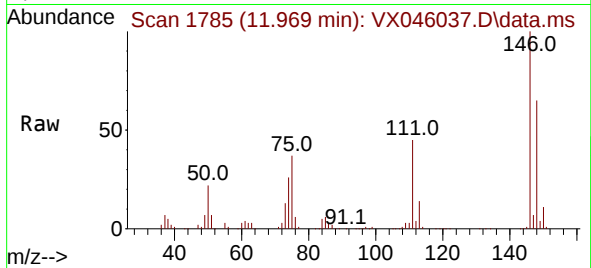
Tgt Ion:119 Resp: 216961
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.6 37.8
 91 27.0 13.7 41.1





#87
1,3-Dichlorobenzene
Concen: 55.186 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

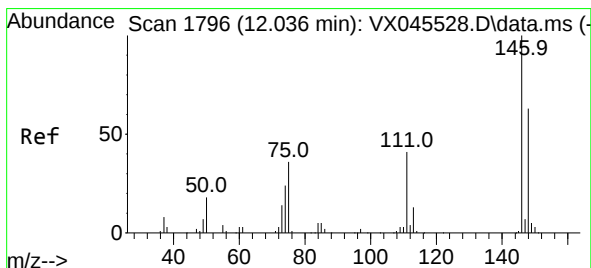
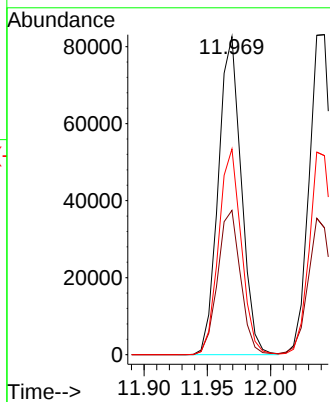
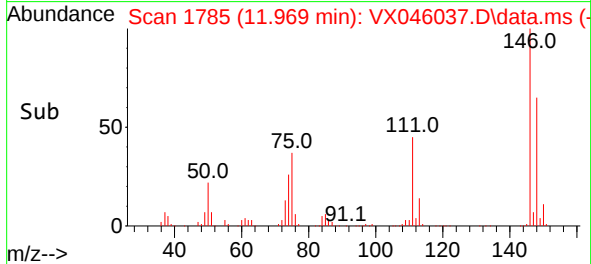
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



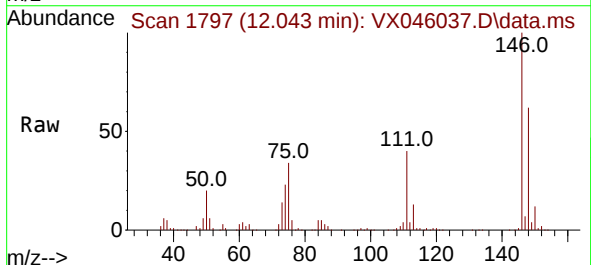
Tgt Ion:146 Resp: 104190
Ion Ratio Lower Upper
146 100
111 45.3 22.2 66.6
148 63.8 31.9 95.7

Manual Integrations
APPROVED

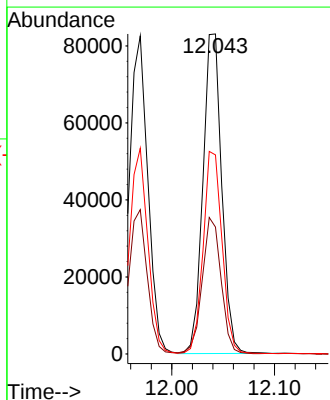
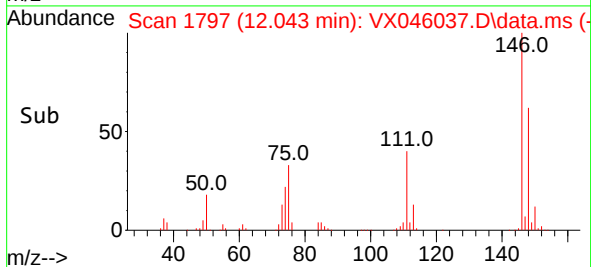
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

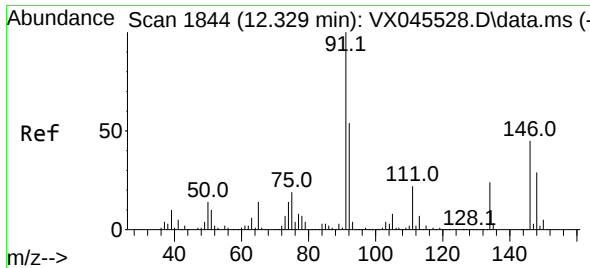


#88
1,4-Dichlorobenzene
Concen: 55.206 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56



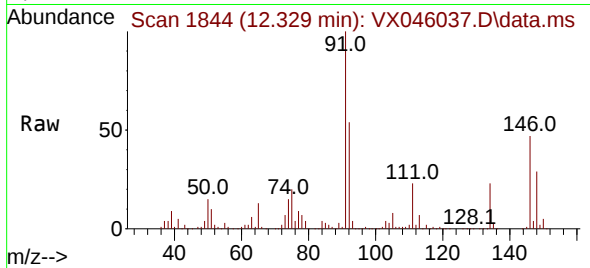
Tgt Ion:146 Resp: 105666
Ion Ratio Lower Upper
146 100
111 42.7 20.9 62.8
148 63.7 31.5 94.5





#89
n-Butylbenzene
Concen: 58.581 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

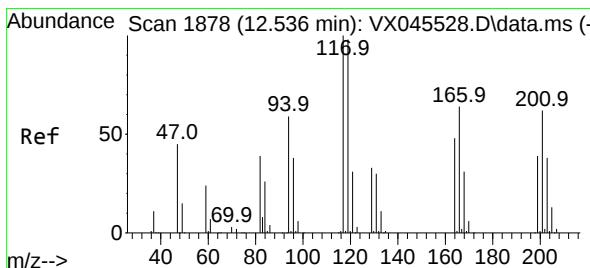
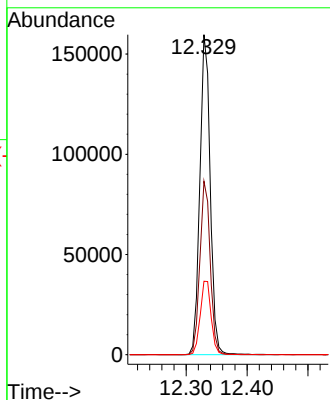
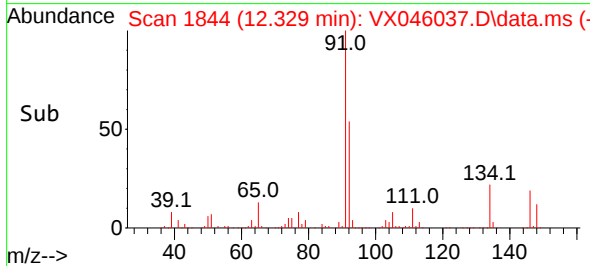
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 18903
Ion Ratio Lower Upper
91 100
92 54.1 26.9 80.6
134 24.1 11.9 35.7

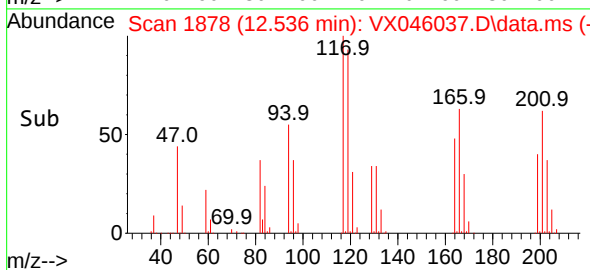
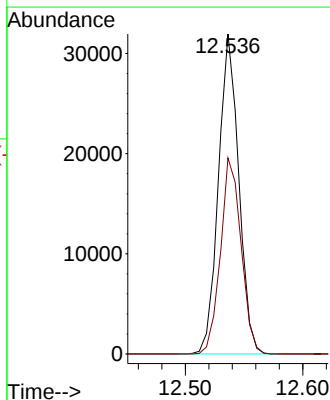
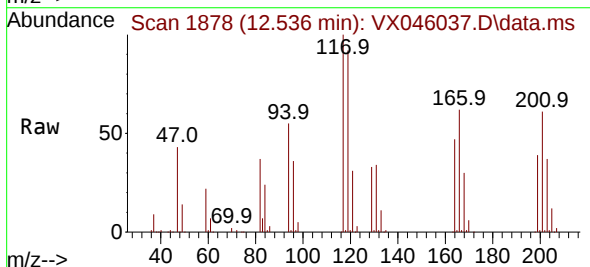
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025



#90
Hexachloroethane
Concen: 59.933 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

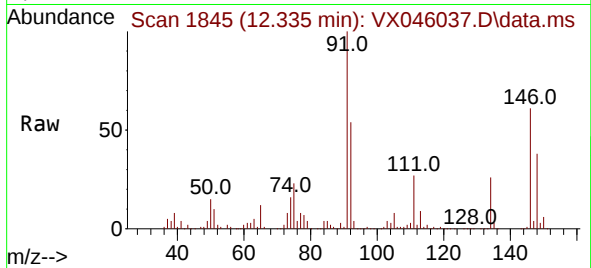
Tgt Ion:117 Resp: 38329
Ion Ratio Lower Upper
117 100
201 62.1 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 57.556 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

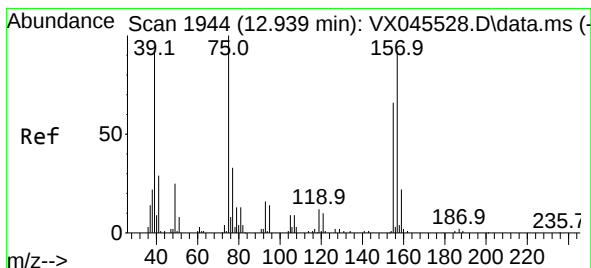
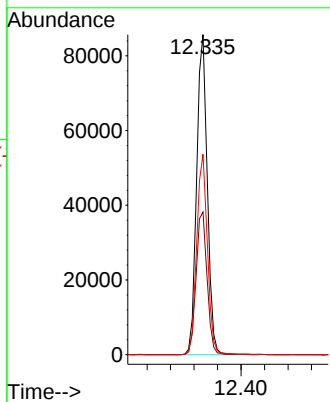
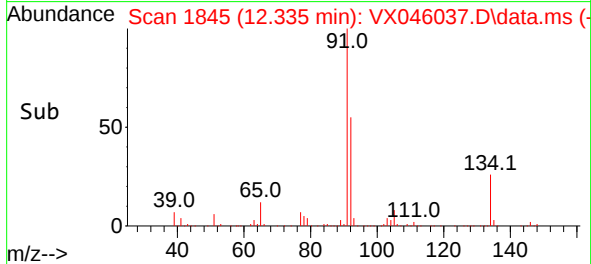
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



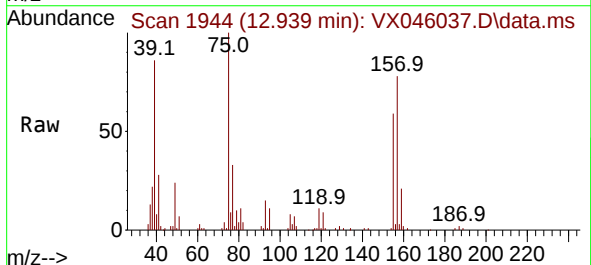
Tgt Ion:146 Resp: 108030
Ion Ratio Lower Upper
146 100
111 45.9 22.9 68.8
148 62.8 31.9 95.5

Manual Integrations
APPROVED

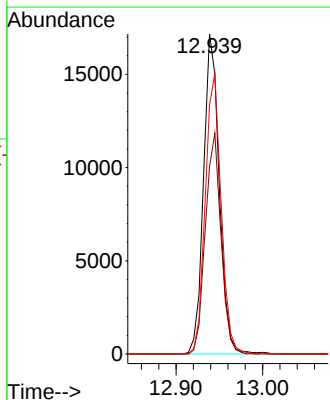
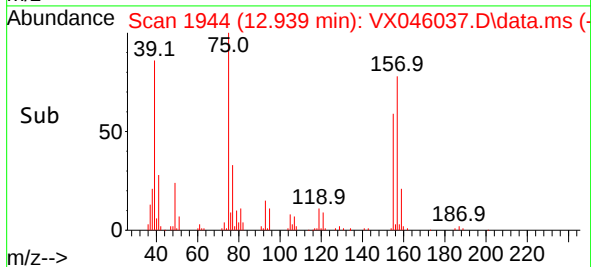
Reviewed By :John Carlone 05/05/2025
Supervised By :Semsettin Yesilyurt 05/05/2025

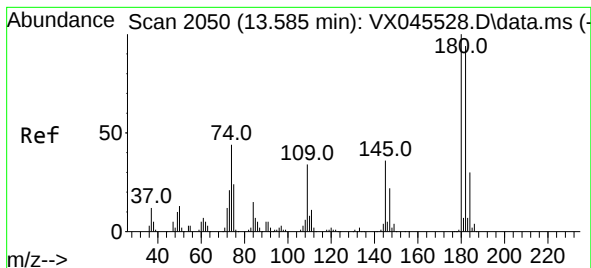


#92
1,2-Dibromo-3-Chloropropane
Concen: 65.842 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56



Tgt Ion: 75 Resp: 21714
Ion Ratio Lower Upper
75 100
155 68.6 34.9 104.7
157 88.2 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 58.436 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX046037.D

Acq: 02 May 2025 18:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

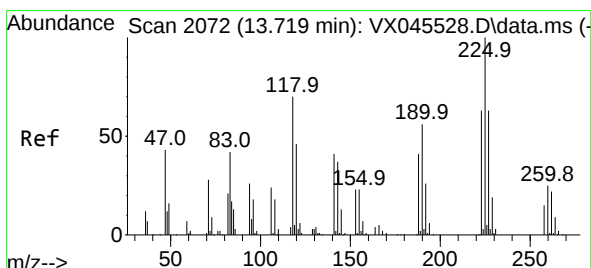
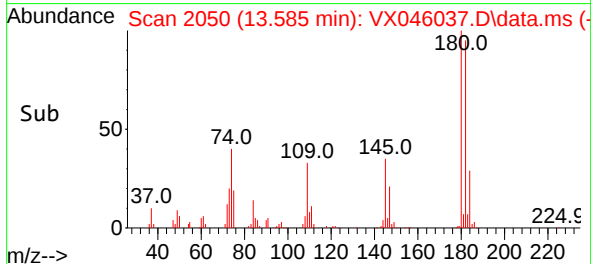
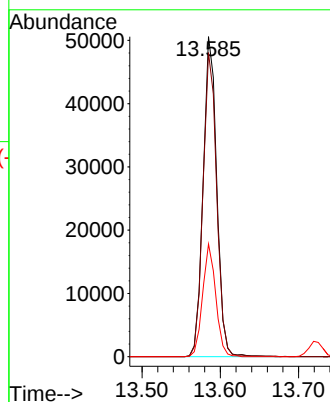
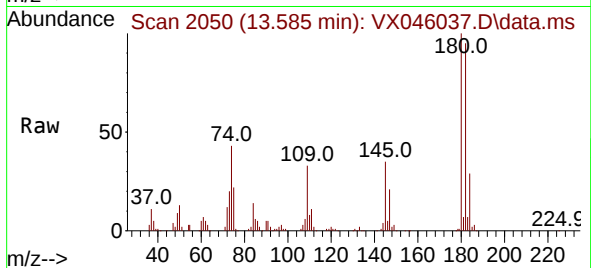
Tgt Ion:180	Resp:	61050
Ion Ratio	Lower	Upper
180	100	
182	95.6	47.9 143.6
145	33.9	17.9 53.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/05/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#94

Hexachlorobutadiene

Concen: 55.540 ug/l

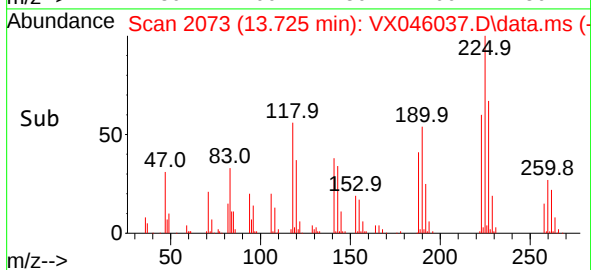
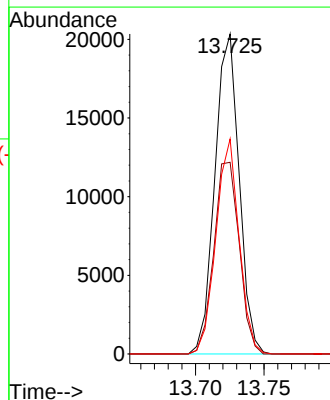
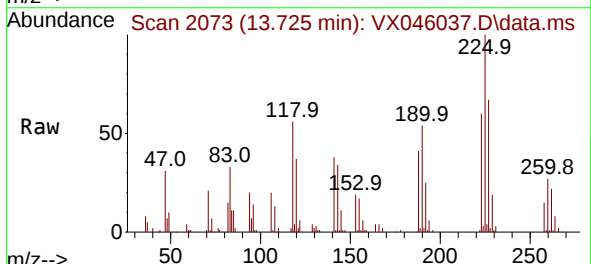
RT: 13.725 min Scan# 2073

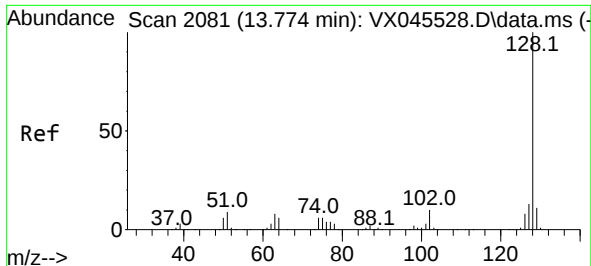
Delta R.T. 0.006 min

Lab File: VX046037.D

Acq: 02 May 2025 18:56

Tgt Ion:225	Resp:	25006
Ion Ratio	Lower	Upper
225	100	
223	62.8	31.1 93.3
227	64.2	32.2 96.6





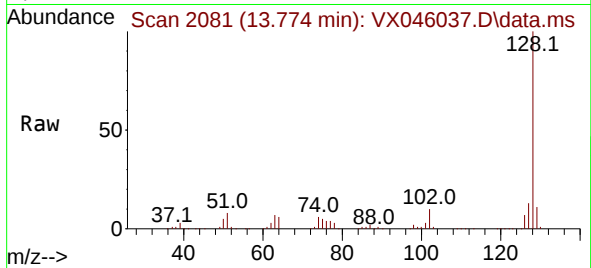
#95
Naphthalene
Concen: 61.871 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



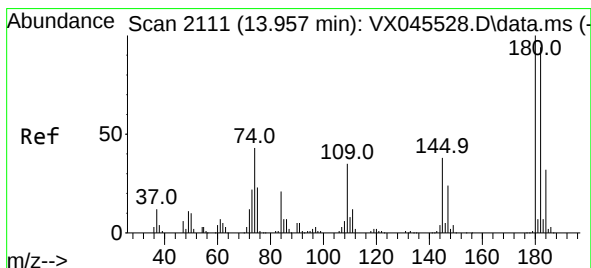
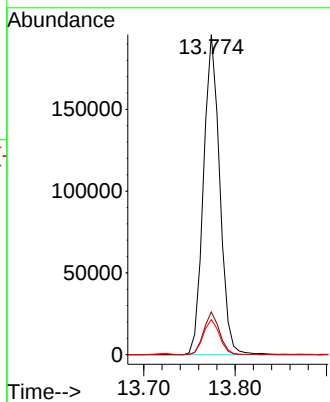
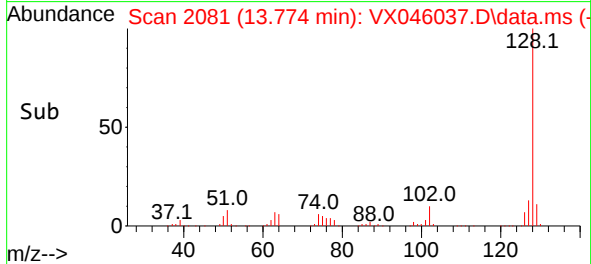
Tgt Ion:128 Resp: 240569
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.6 12.8

Manual Integrations

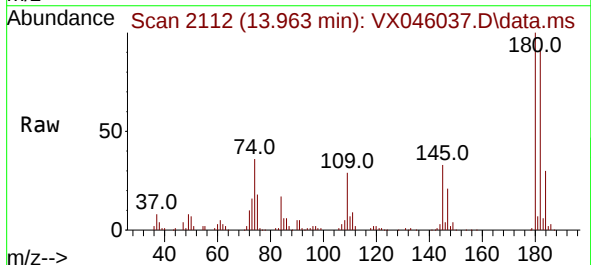
APPROVED

Reviewed By :John Carlone 05/05/2025

Supervised By :Semsettin Yesilyurt 05/05/2025



#96
1,2,3-Trichlorobenzene
Concen: 58.902 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX046037.D
Acq: 02 May 2025 18:56



Tgt Ion:180 Resp: 64443
Ion Ratio Lower Upper
180 100
182 93.5 47.3 141.8
145 35.8 18.2 54.6

