

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
 Data File : VX047551.D
 Acq On : 28 Aug 2025 15:53
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/29/2025
 Supervised By : Semsettin Yesilyurt 08/29/2025

Quant Time: Aug 29 02:06:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 02:00:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	218160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	386704	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	356532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	172198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	165904	49.521	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.040%		
35) Dibromofluoromethane	5.397	113	132400	49.885	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.760%		
50) Toluene-d8	8.653	98	463786	49.853	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.700%		
62) 4-Bromofluorobenzene	11.079	95	175780	50.296	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	113941	47.692	ug/l	100
3) Chloromethane	1.307	50	123042	47.154	ug/l	100
4) Vinyl Chloride	1.392	62	148042	48.264	ug/l	100
5) Bromomethane	1.624	94	67801	51.105	ug/l	100
6) Chloroethane	1.703	64	91987	47.202	ug/l	100
7) Trichlorofluoromethane	1.904	101	214308	49.123	ug/l	100
8) Diethyl Ether	2.148	74	87255	50.408	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.349	101	126153	48.554	ug/l	100
10) Methyl Iodide	2.471	142	206313	47.969	ug/l	100
11) Tert butyl alcohol	2.965	59	75087	243.845	ug/l	100
12) 1,1-Dichloroethene	2.337	96	134294	48.744	ug/l	100
13) Acrolein	2.252	56	146081	236.652	ug/l	100
14) Allyl chloride	2.678	41	248874	49.310	ug/l	100
15) Acrylonitrile	3.081	53	348544	252.949	ug/l	100
16) Acetone	2.392	43	305336	230.128	ug/l	100
17) Carbon Disulfide	2.532	76	393094	47.983	ug/l	100
18) Methyl Acetate	2.715	43	167813	51.301	ug/l	100
19) Methyl tert-butyl Ether	3.130	73	455769	50.682	ug/l	100
20) Methylene Chloride	2.806	84	159639	47.282	ug/l	100
21) trans-1,2-Dichloroethene	3.105	96	147547	50.325	ug/l	100
22) Diisopropyl ether	3.776	45	518946	51.052	ug/l	100
23) Vinyl Acetate	3.733	43	2168305	261.960	ug/l	100
24) 1,1-Dichloroethane	3.623	63	278070	49.231	ug/l	100
25) 2-Butanone	4.568	43	436530	250.000	ug/l	100
26) 2,2-Dichloropropane	4.495	77	203205	49.774	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	177821	49.780	ug/l	100
28) Bromochloromethane	4.916	49	123328	50.596	ug/l	100
29) Tetrahydrofuran	5.026	42	272984	251.926	ug/l	100
30) Chloroform	5.111	83	285370	49.616	ug/l	100
31) Cyclohexane	5.483	56	227466	48.288	ug/l	100
32) 1,1,1-Trichloroethane	5.397	97	233350	49.797	ug/l	100
36) 1,1-Dichloropropene	5.708	75	188303	49.853	ug/l	100
37) Ethyl Acetate	4.727	43	188683	50.681	ug/l	100
38) Carbon Tetrachloride	5.690	117	199596	47.624	ug/l	100
39) Methylcyclohexane	7.385	83	209651	48.129	ug/l	100
40) Benzene	6.050	78	596988	49.506	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	98733	55.997	ug/l	100
42) 1,2-Dichloroethane	6.099	62	213807	49.253	ug/l	100
43) Isopropyl Acetate	6.348	43	316980	52.988	ug/l	100
44) Trichloroethene	7.129	130	146877	49.158	ug/l	100
45) 1,2-Dichloropropane	7.434	63	153729	50.612	ug/l	100
46) Dibromomethane	7.586	93	112280	50.214	ug/l	100
47) Bromodichloromethane	7.824	83	227421	49.733	ug/l	100
48) Methyl methacrylate	7.696	41	163855	53.247	ug/l	100
49) 1,4-Dioxane	7.678	88	31684	1040.835	ug/l	100
51) 4-Methyl-2-Pentanone	8.574	43	924929	261.685	ug/l	100
52) Toluene	8.720	92	369658	50.302	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	215911	52.409	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	236201	51.744	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	143882	50.188	ug/l	100
56) Ethyl methacrylate	9.116	69	224954	53.006	ug/l	100
57) 1,3-Dichloropropane	9.311	76	249456	50.258	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	515392	257.464	ug/l	100
59) 2-Hexanone	9.433	43	634339	262.714	ug/l	100
60) Dibromochloromethane	9.519	129	172457	50.355	ug/l	100
61) 1,2-Dibromoethane	9.610	107	150197	51.481	ug/l	100
64) Tetrachloroethene	9.275	164	117722	49.286	ug/l	100
65) Chlorobenzene	10.080	112	416042	49.848	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	142254	50.263	ug/l	100
67) Ethyl Benzene	10.189	91	704427	50.226	ug/l	100
68) m/p-Xylenes	10.299	106	530740	101.885	ug/l	100
69) o-Xylene	10.640	106	258177	51.449	ug/l	100
70) Styrene	10.653	104	453780	52.115	ug/l	100
71) Bromoform	10.799	173	108706	50.442	ug/l #	100
73) Isopropylbenzene	10.957	105	650862	51.366	ug/l	100
74) N-amyl acetate	10.842	43	275729	52.695	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	203959	50.920	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	163470m	51.941	ug/l	100
77) Bromobenzene	11.195	156	169261	52.217	ug/l	100
78) n-propylbenzene	11.305	91	775459	51.403	ug/l	100
79) 2-Chlorotoluene	11.360	91	472411	50.494	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	538692	51.996	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	33171	43.077	ug/l	100
82) 4-Chlorotoluene	11.451	91	554746	50.534	ug/l	100
83) tert-Butylbenzene	11.713	119	535124	51.238	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	550519	52.130	ug/l	100
85) sec-Butylbenzene	11.890	105	636433	50.645	ug/l	100
86) p-Isopropyltoluene	12.006	119	532871	50.586	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	305281	50.515	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	308313	49.411	ug/l	100
89) n-Butylbenzene	12.329	91	488066	50.200	ug/l	100
90) Hexachloroethane	12.536	117	97282	50.240	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	294136	49.669	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	37902	51.300	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	180178	49.913	ug/l	100
94) Hexachlorobutadiene	13.719	225	55448	44.193	ug/l	100
95) Naphthalene	13.774	128	555347	52.629	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	167836	49.498	ug/l	100

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

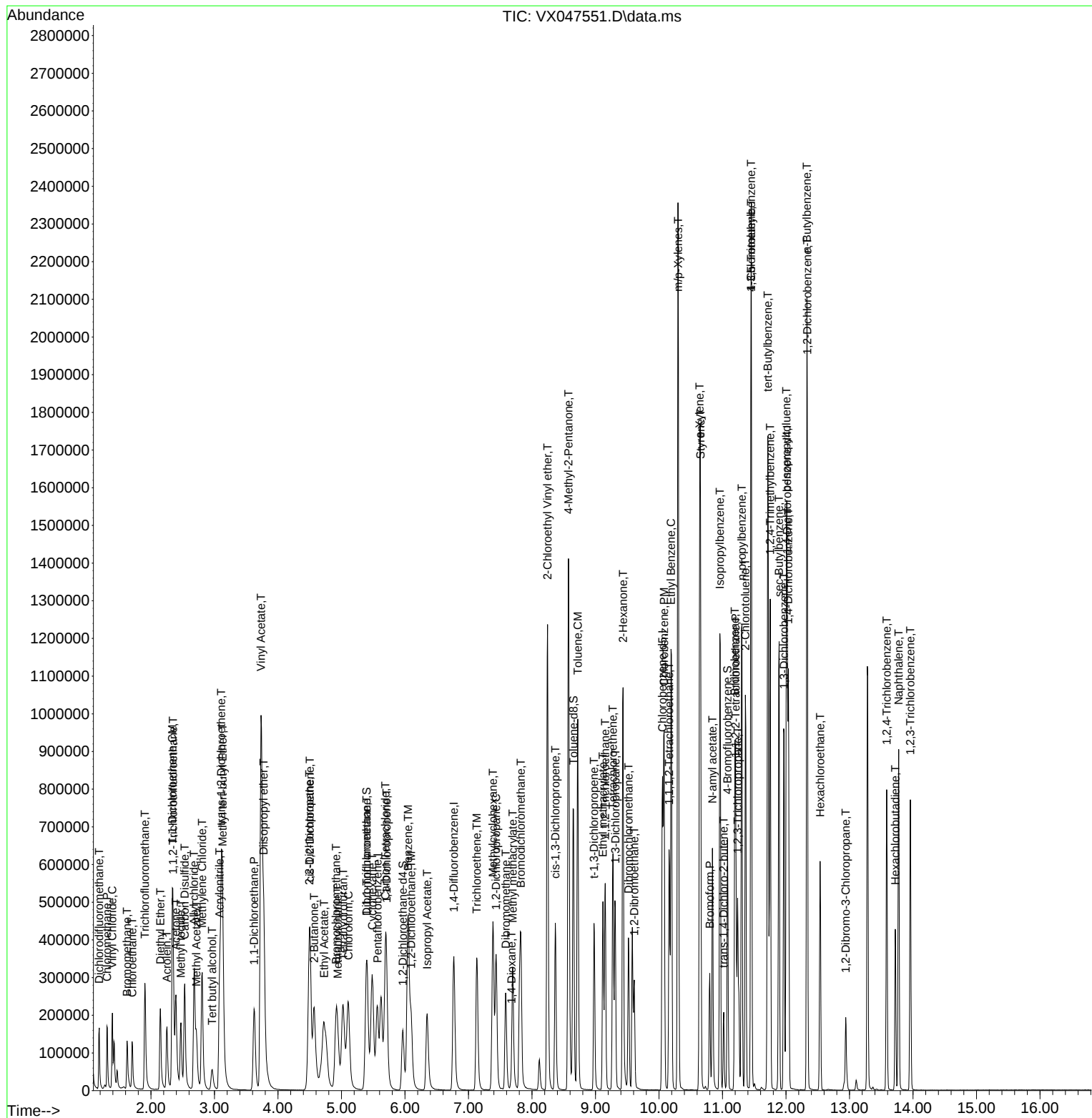
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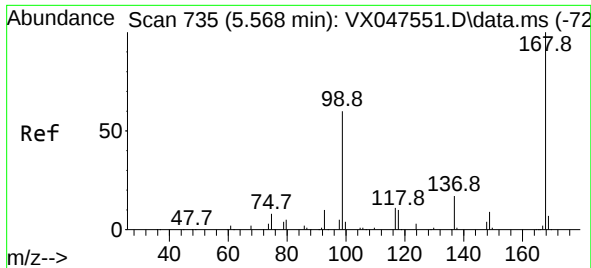
Instrument :
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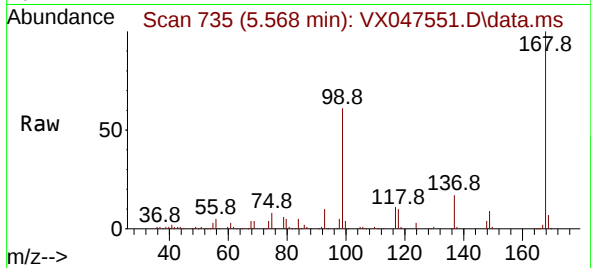
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

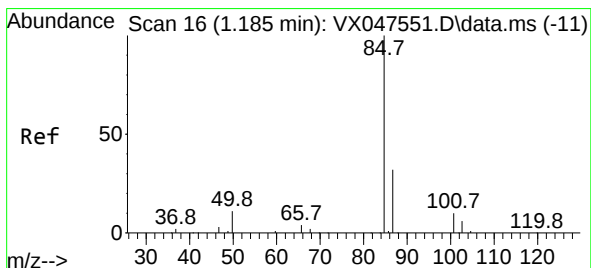
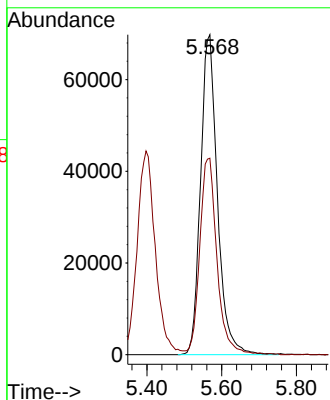
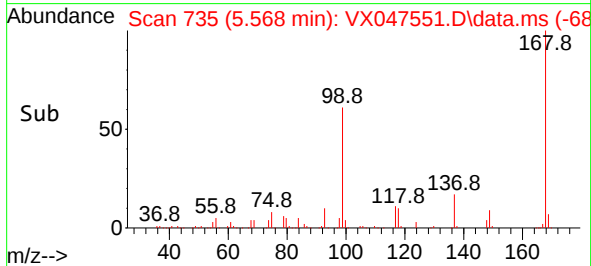
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 218160
Ion Ratio Lower Upper
168 100
99 61.1 48.9 73.3

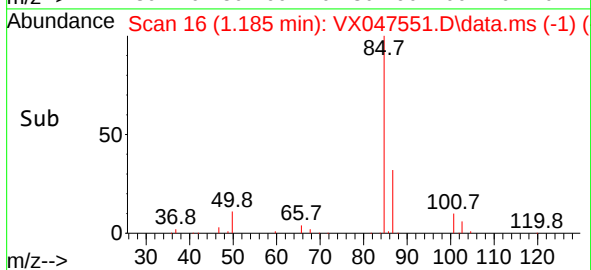
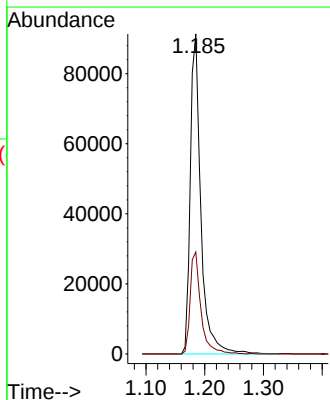
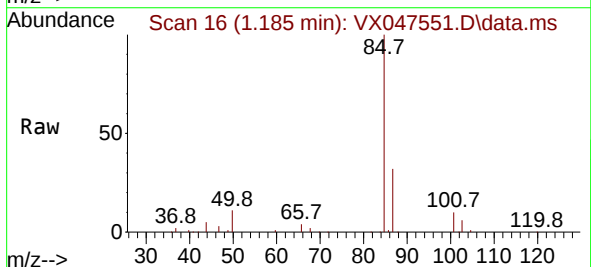
Manual Integrations
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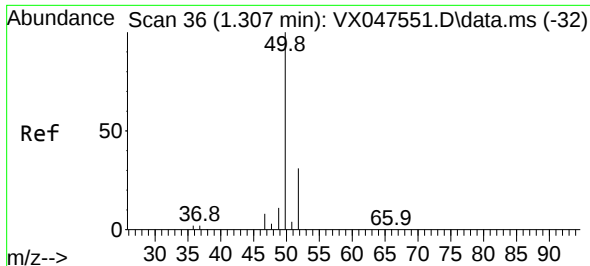
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#2
Dichlorodifluoromethane
Concen: 47.692 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

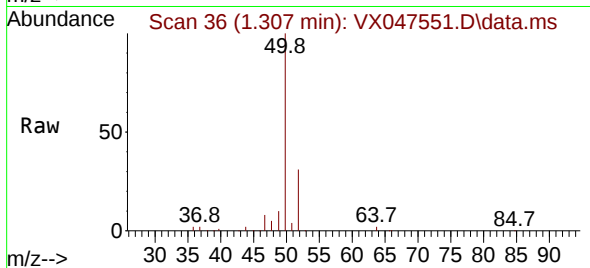
Tgt Ion: 85 Resp: 113941
Ion Ratio Lower Upper
85 100
87 31.8 15.9 47.7





#3
Chloromethane
Concen: 47.154 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

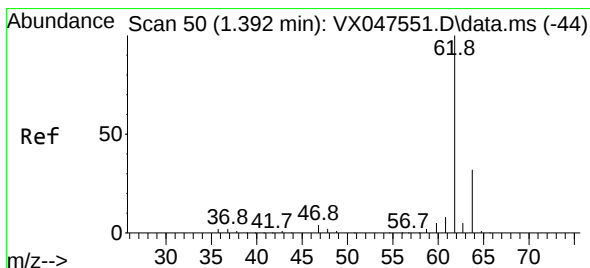
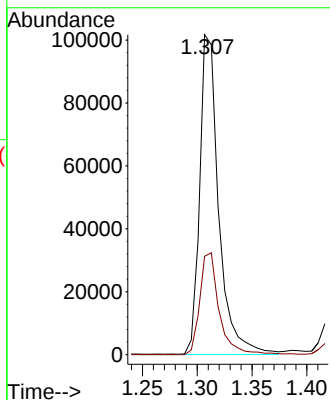
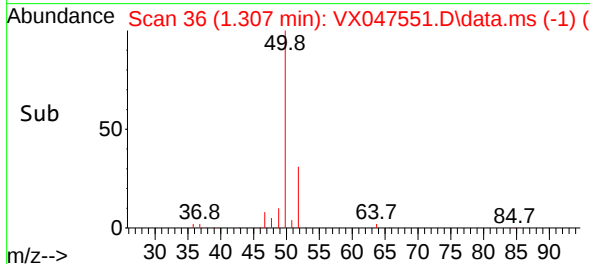
Instrument :
MSVOA_X
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Tgt Ion: 50 Resp: 123042
Ion Ratio Lower Upper
50 100
52 30.8 24.6 37.0

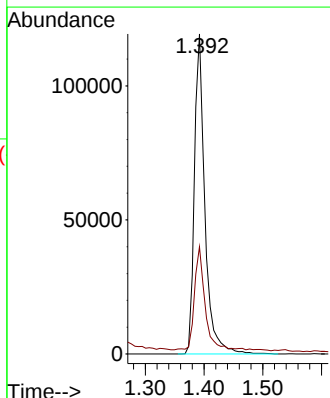
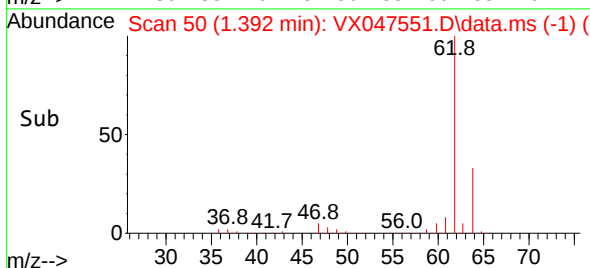
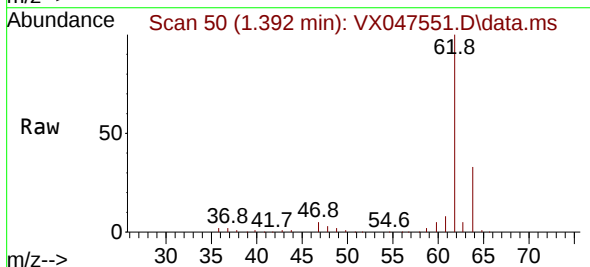
Manual Integrations
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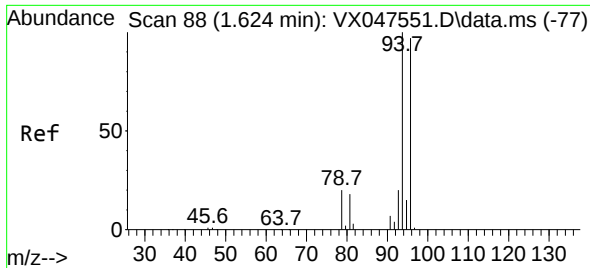
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#4
Vinyl Chloride
Concen: 48.264 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

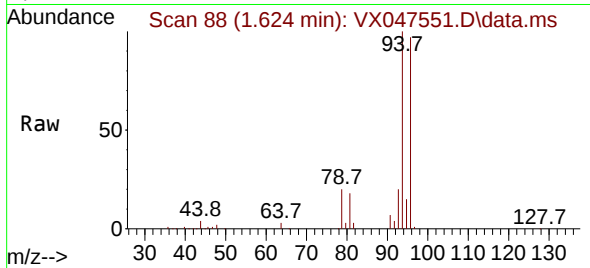
Tgt Ion: 62 Resp: 148042
Ion Ratio Lower Upper
62 100
64 32.4 25.9 38.9





#5
Bromomethane
Concen: 51.105 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

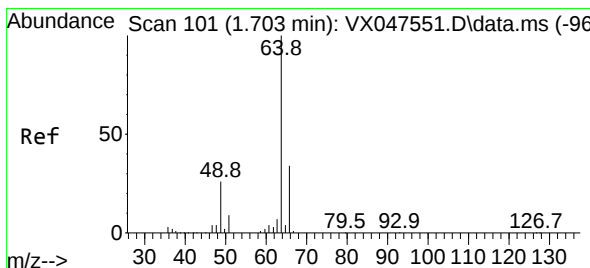
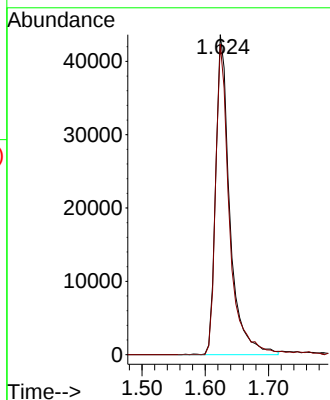
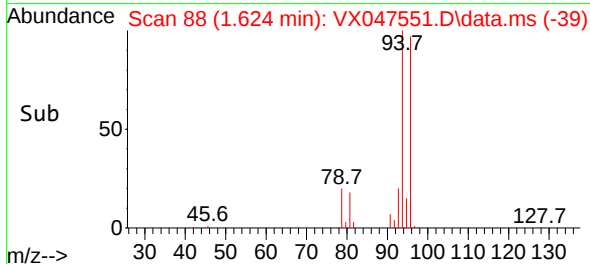
Instrument :
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Tgt Ion: 94 Resp: 6780
Ion Ratio Lower Upper
94 100
96 97.1 77.7 116.5

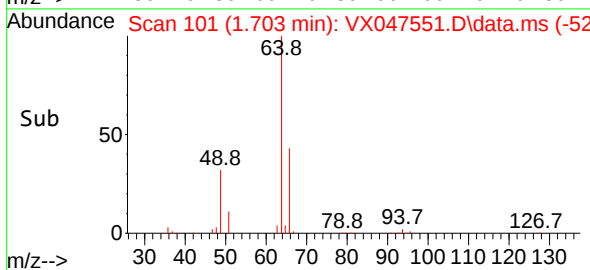
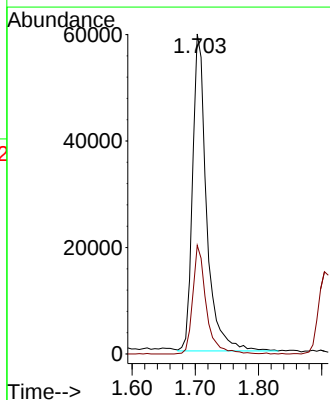
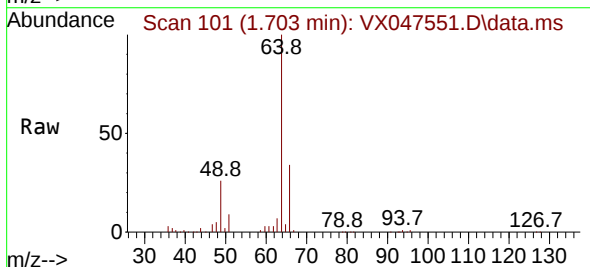
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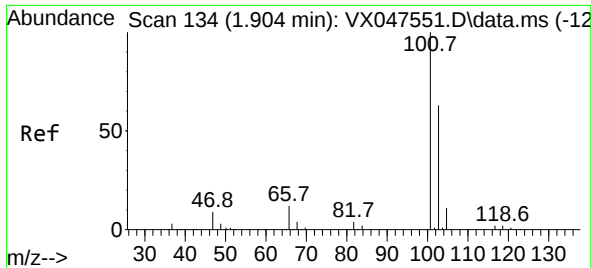
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#6
Chloroethane
Concen: 47.202 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

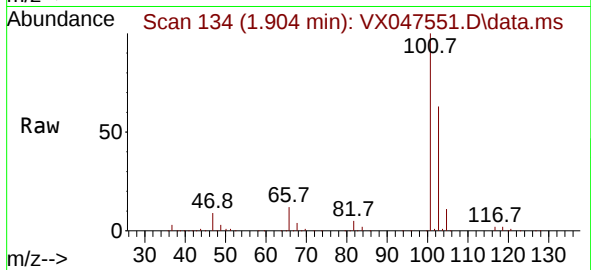
Tgt Ion: 64 Resp: 91987
Ion Ratio Lower Upper
64 100
66 34.3 27.4 41.2





#7
Trichlorofluoromethane
Concen: 49.123 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

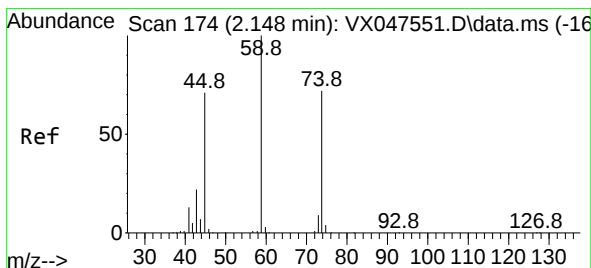
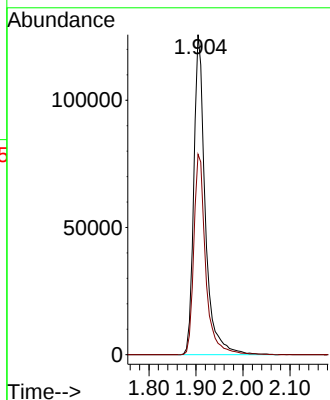
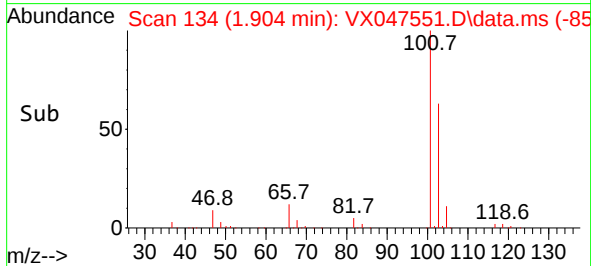
Instrument :
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Tgt Ion:101 Resp: 214308
Ion Ratio Lower Upper
101 100
103 62.6 50.1 75.1

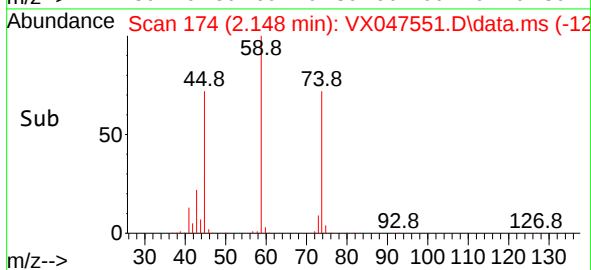
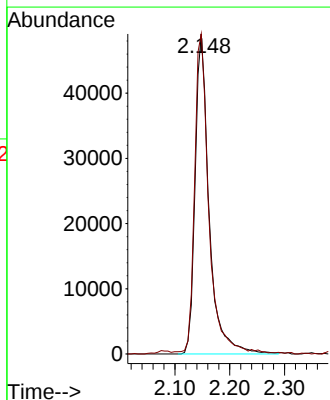
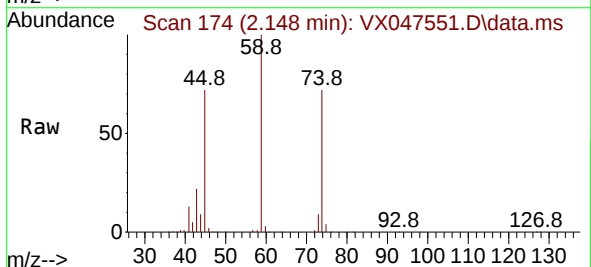
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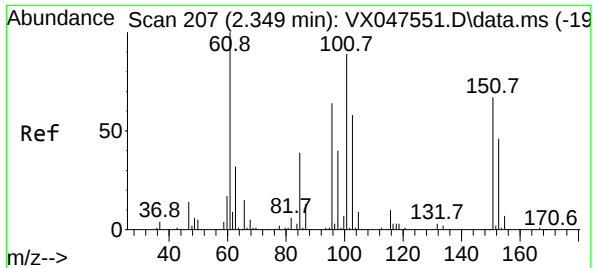
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#8
Diethyl Ether
Concen: 50.408 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

Tgt Ion: 74 Resp: 87255
Ion Ratio Lower Upper
74 100
45 98.0 49.0 147.0





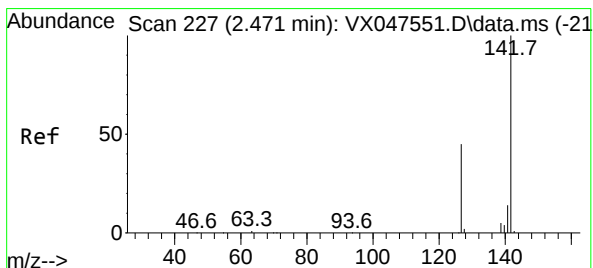
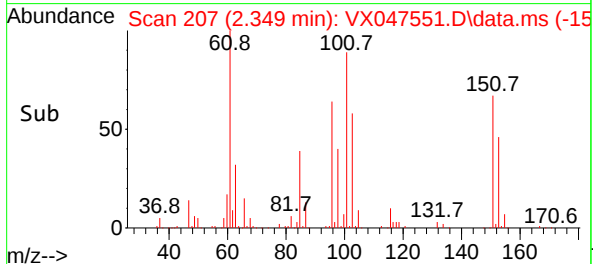
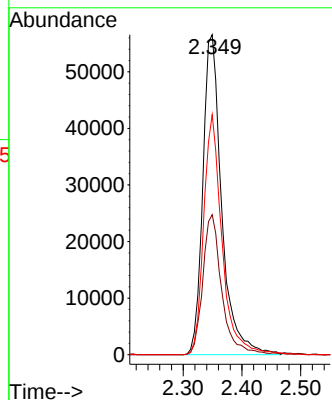
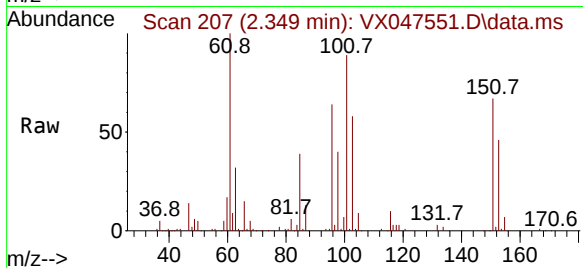
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.554 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 12615
Ion Ratio Lower Upper
101 100
85 43.9 35.1 52.7
151 73.3 58.6 88.0

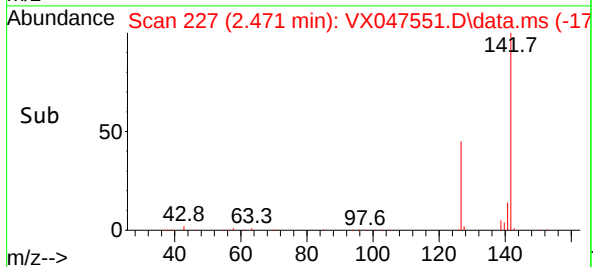
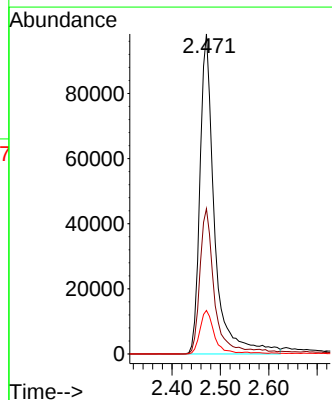
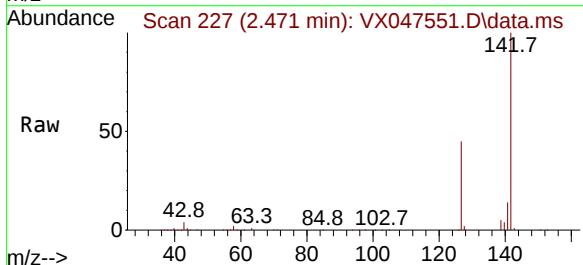
Manual Integrations
APPROVED

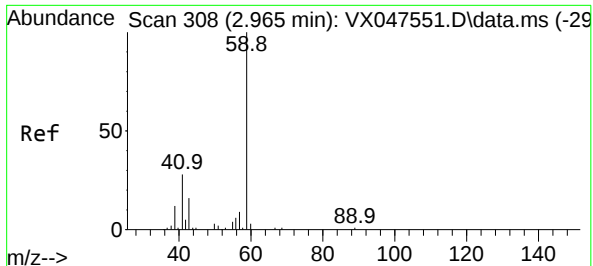
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#10
Methyl Iodide
Concen: 47.969 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

Tgt Ion:142 Resp: 206313
Ion Ratio Lower Upper
142 100
127 47.0 37.6 56.4
141 13.3 10.6 16.0





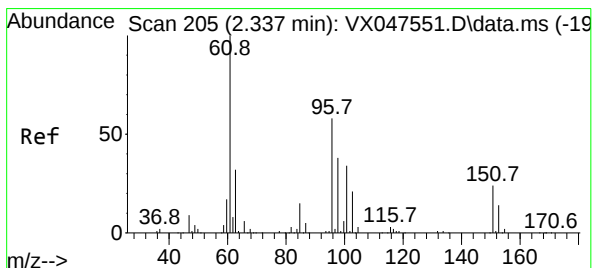
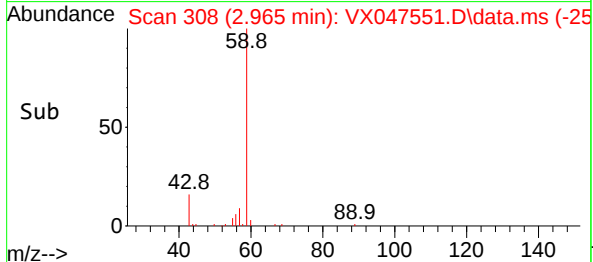
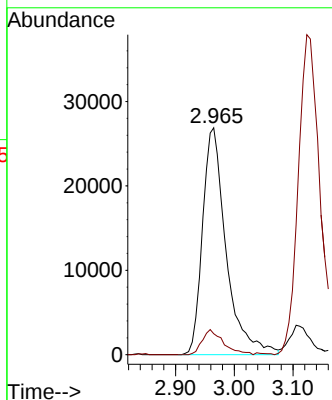
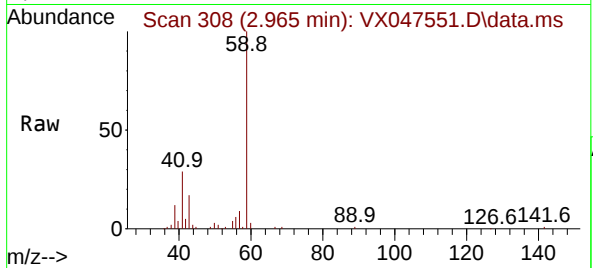
#11
Tert butyl alcohol
Concen: 243.845 ug/l
RT: 2.965 min Scan# 308
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 59 Resp: 7508
Ion Ratio Lower Upper
59 100
57 9.9 7.9 11.9

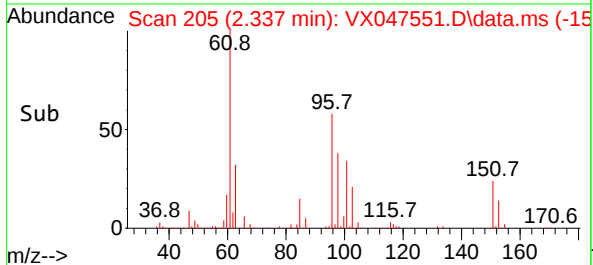
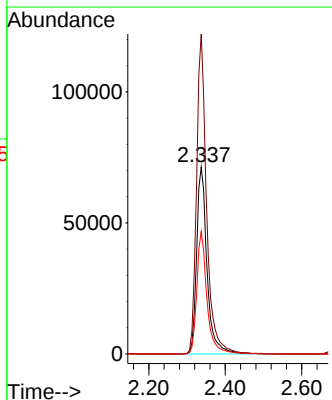
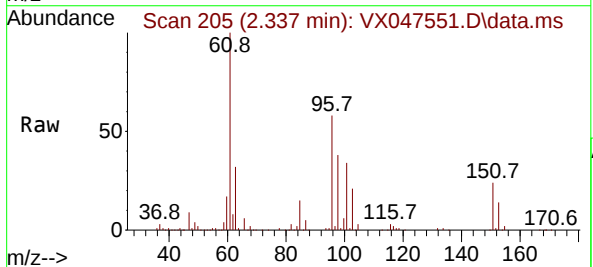
Manual Integrations
APPROVED

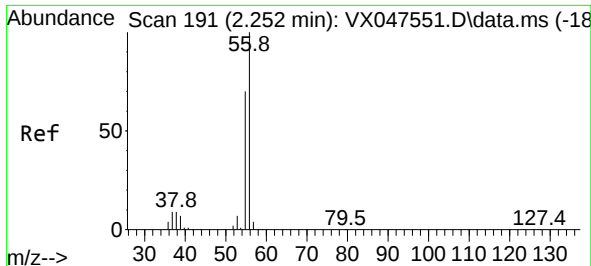
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#12
1,1-Dichloroethene
Concen: 48.744 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

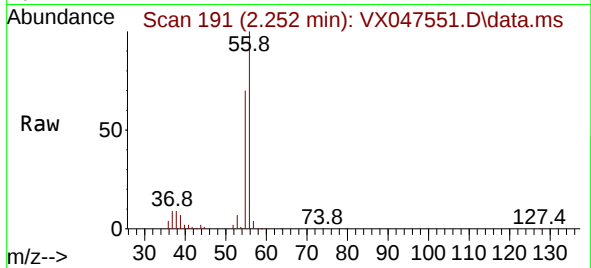
Tgt Ion: 96 Resp: 134294
Ion Ratio Lower Upper
96 100
61 171.0 136.8 205.2
98 65.5 52.4 78.6





#13
Acrolein
Concen: 236.652 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

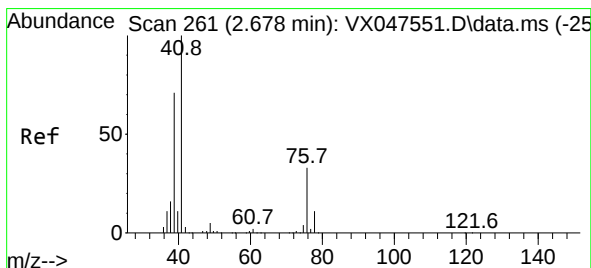
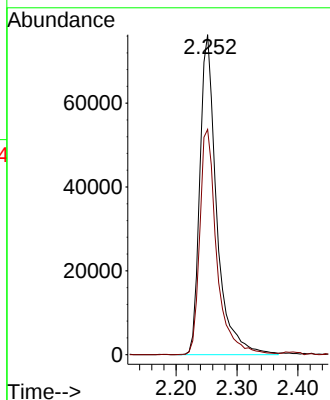
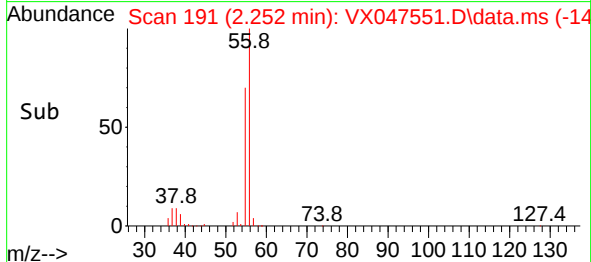
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 14608
Ion Ratio Lower Upper
56 100
55 71.3 57.0 85.6

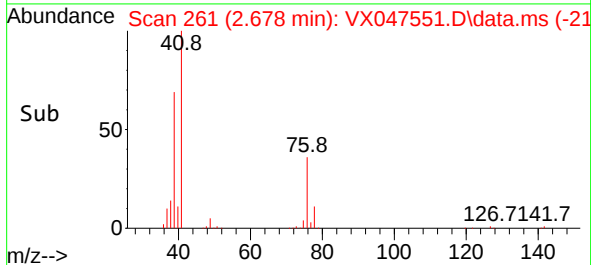
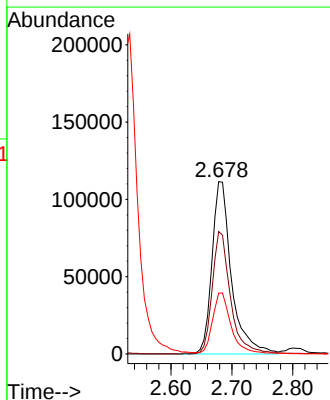
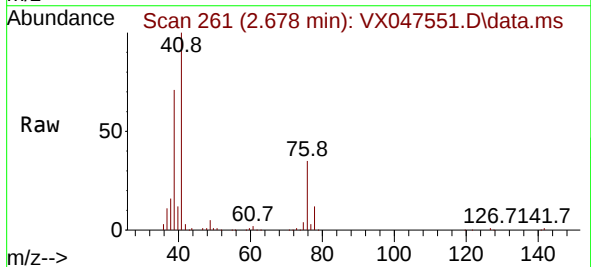
Manual Integrations
APPROVED

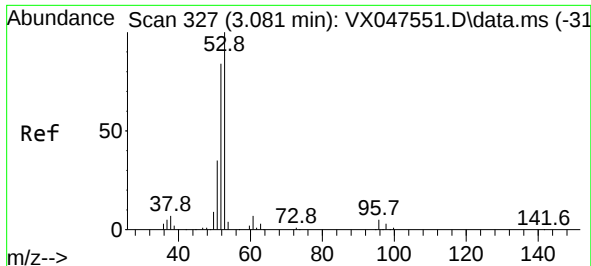
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#14
Allyl chloride
Concen: 49.310 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

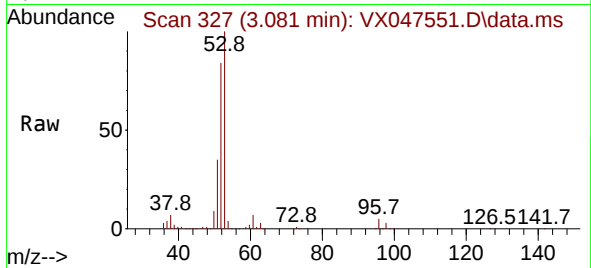
Tgt Ion: 41 Resp: 248874
Ion Ratio Lower Upper
41 100
39 66.5 53.2 79.8
76 33.5 26.8 40.2





#15
Acrylonitrile
Concen: 252.949 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

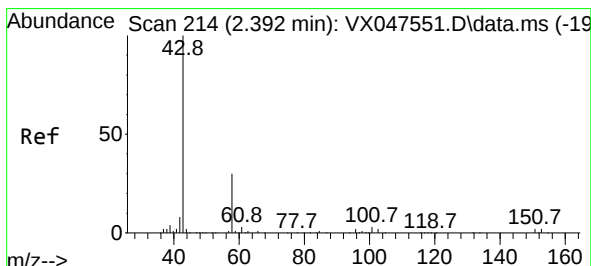
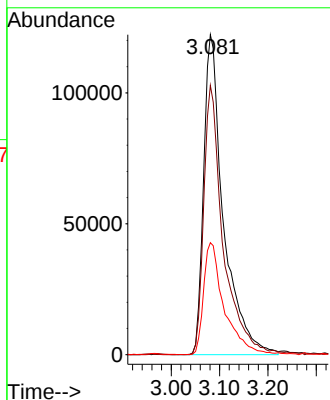
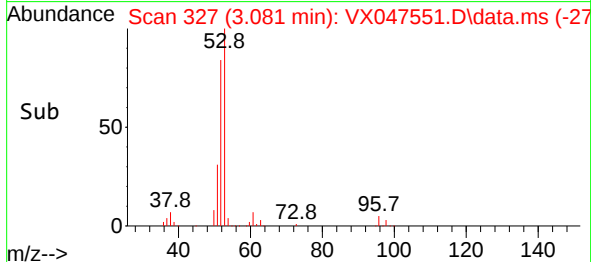
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



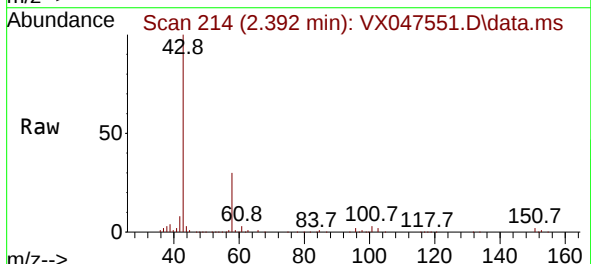
Tgt Ion: 53 Resp: 348544
Ion Ratio Lower Upper
53 100
52 82.8 66.2 99.4
51 36.7 29.4 44.0

Manual Integrations
APPROVED

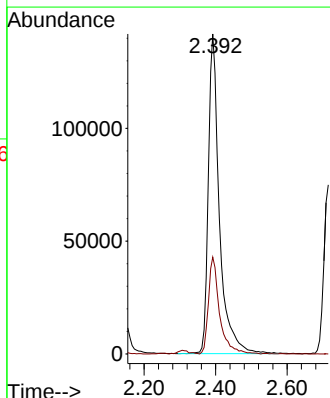
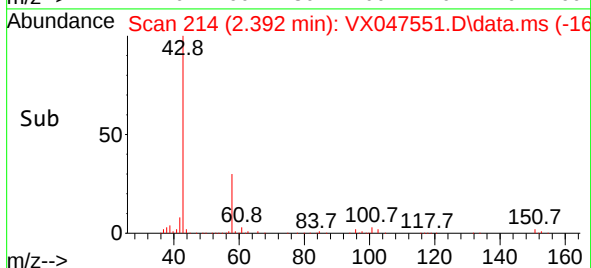
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025

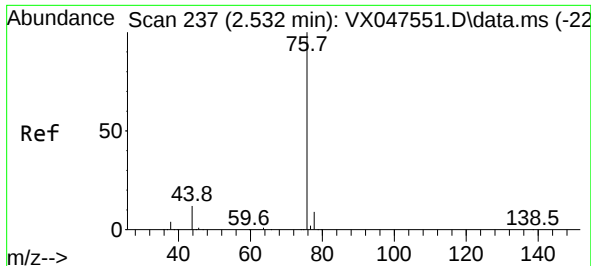


#16
Acetone
Concen: 230.128 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53



Tgt Ion: 43 Resp: 305336
Ion Ratio Lower Upper
43 100
58 30.2 24.2 36.2





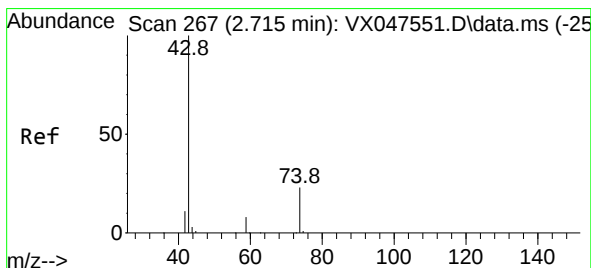
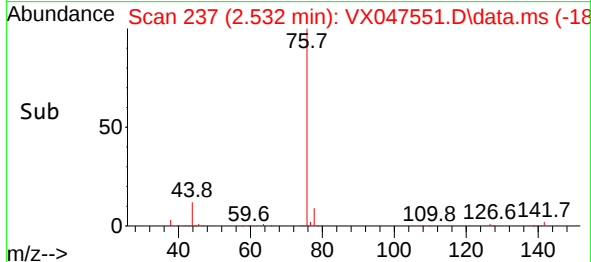
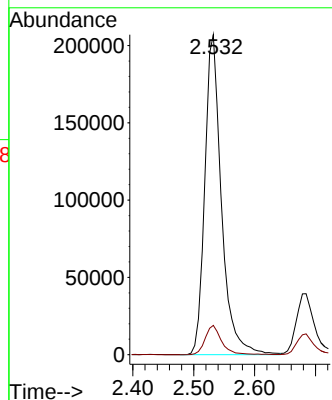
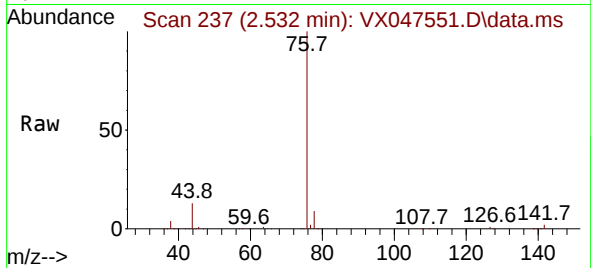
#17
Carbon Disulfide
Concen: 47.983 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 393094
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

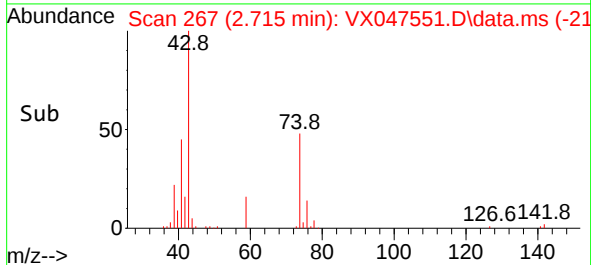
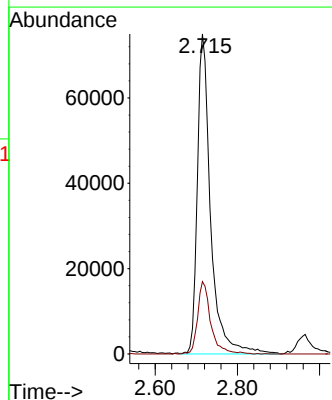
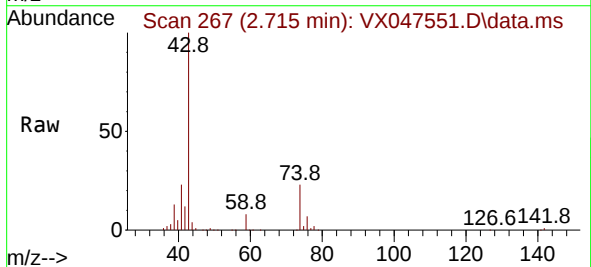
Manual Integrations
APPROVED

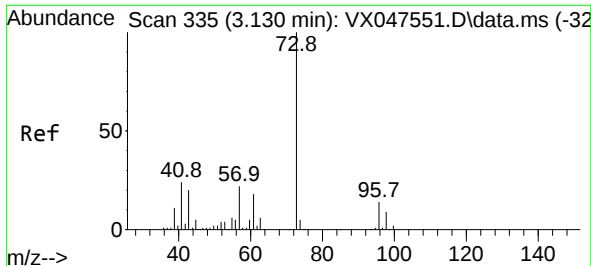
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#18
Methyl Acetate
Concen: 51.301 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

Tgt Ion: 43 Resp: 167813
Ion Ratio Lower Upper
43 100
74 22.3 17.8 26.8





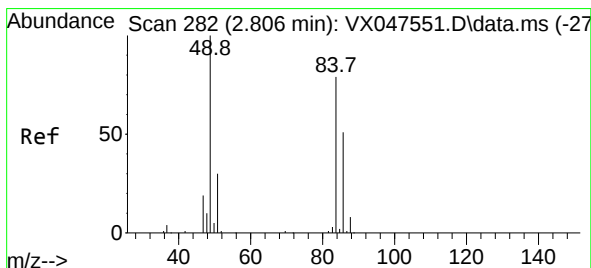
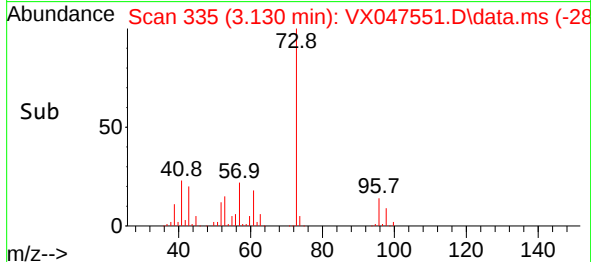
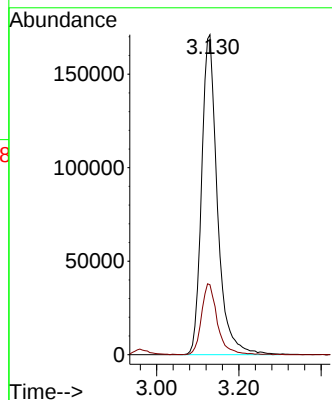
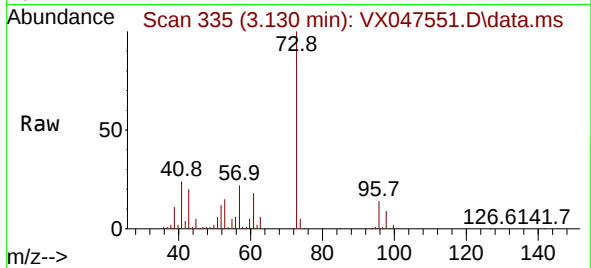
#19
Methyl tert-butyl Ether
Concen: 50.682 ug/l
RT: 3.130 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 455769
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.2

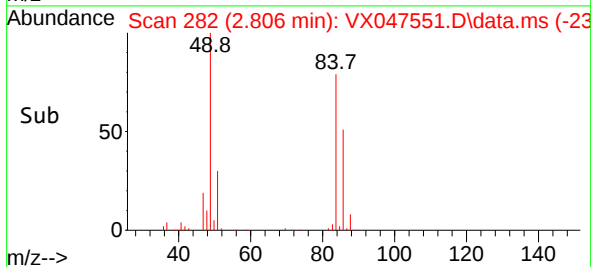
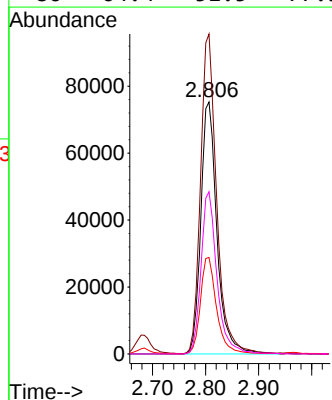
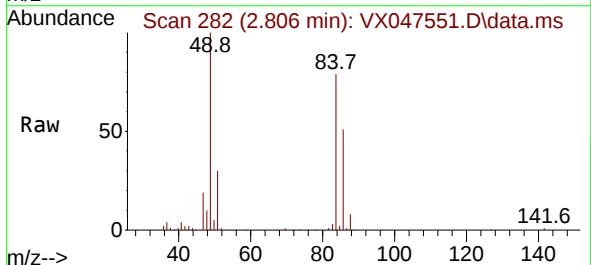
Manual Integrations
APPROVED

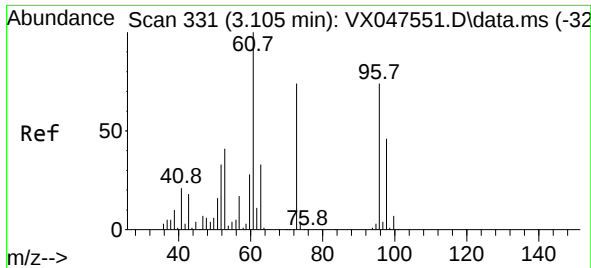
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#20
Methylene Chloride
Concen: 47.282 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

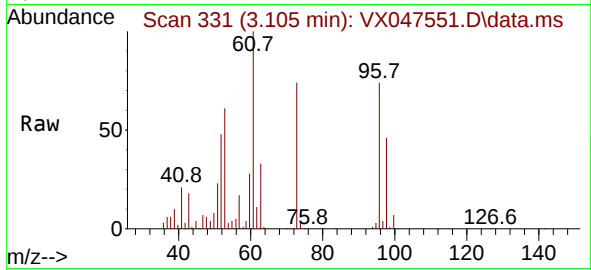
Tgt Ion: 84 Resp: 159639
Ion Ratio Lower Upper
84 100
49 126.8 101.4 152.2
51 38.3 30.6 46.0
86 64.4 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 50.325 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

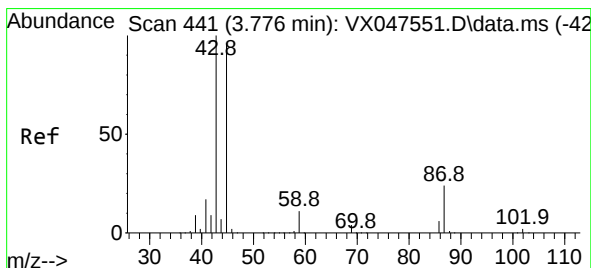
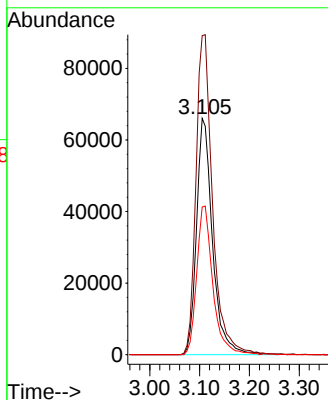
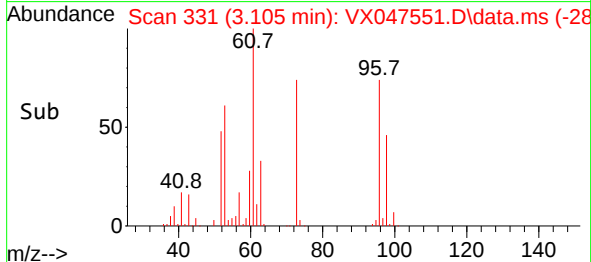
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 14754
Ion Ratio Lower Upper
96 100
61 135.0 108.0 162.0
98 64.5 51.6 77.4

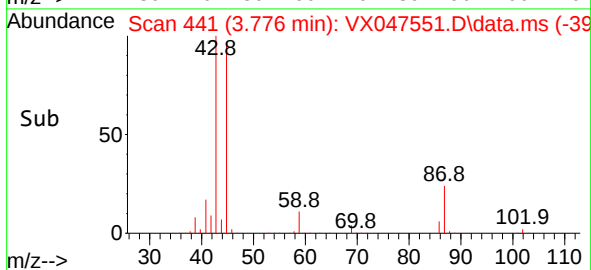
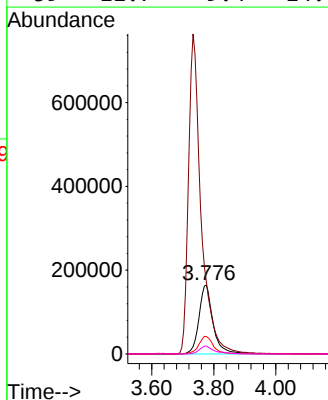
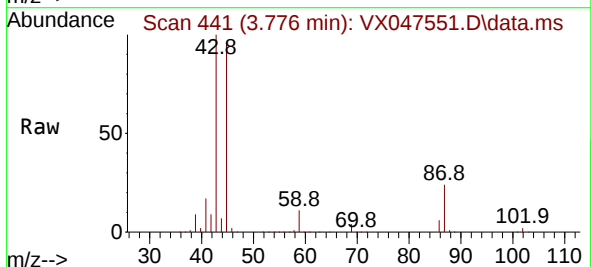
Manual Integrations
APPROVED

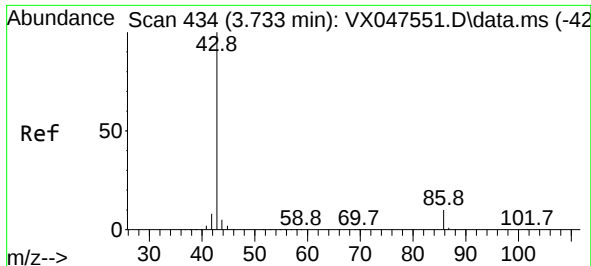
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#22
Diisopropyl ether
Concen: 51.052 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

Tgt Ion: 45 Resp: 518946
Ion Ratio Lower Upper
45 100
43 104.0 83.2 124.8
87 25.3 20.2 30.4
59 11.7 9.4 14.0





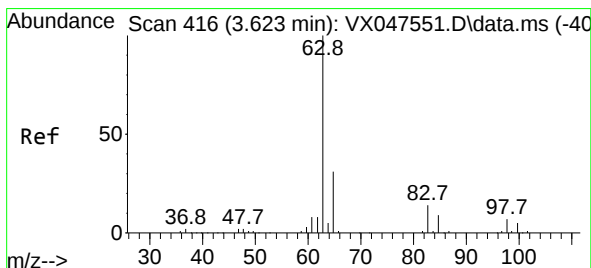
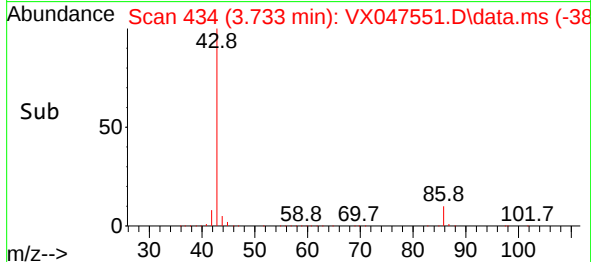
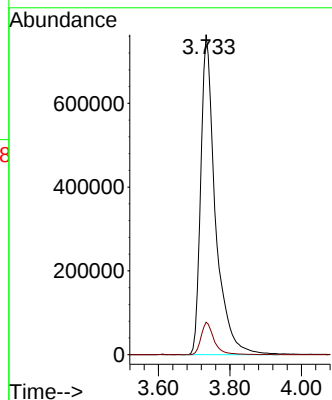
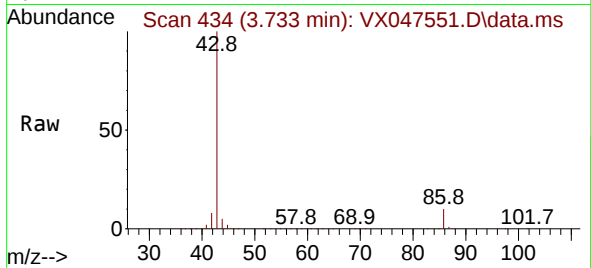
#23
 Vinyl Acetate
 Concen: 261.960 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX047551.D
 Acq: 28 Aug 2025 15:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 216830
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.1 12.1

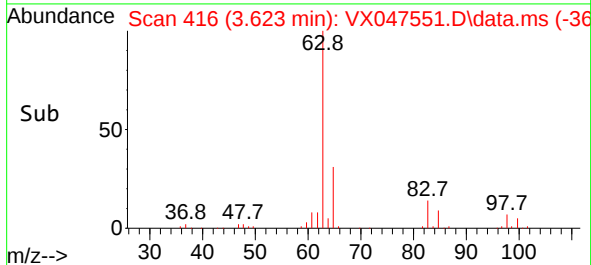
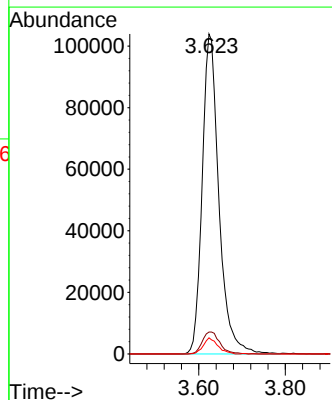
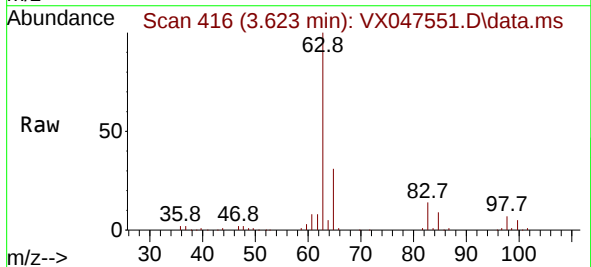
Manual Integrations
 APPROVED

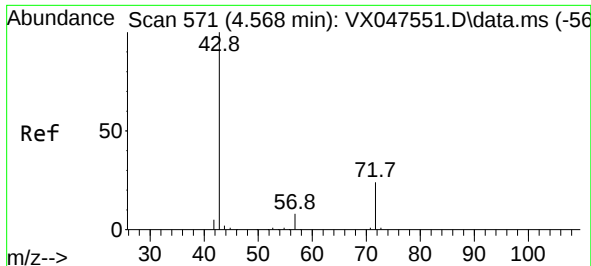
Reviewed By :John Carlone 08/29/2025
 Supervised By :Semsettin Yesilyurt 08/29/2025



#24
 1,1-Dichloroethane
 Concen: 49.231 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VX047551.D
 Acq: 28 Aug 2025 15:53

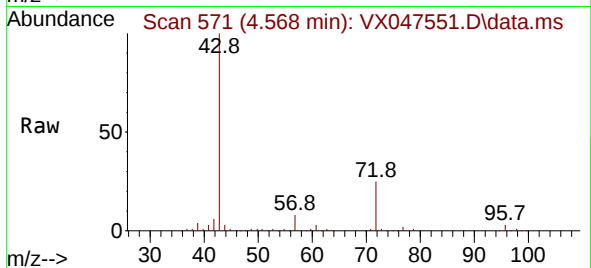
Tgt Ion: 63 Resp: 278070
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.2
 100 5.2 2.6 7.8





#25
2-Butanone
Concen: 250.000 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

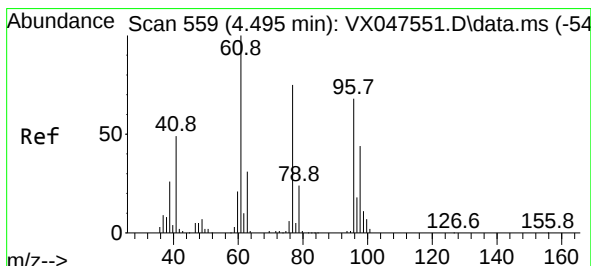
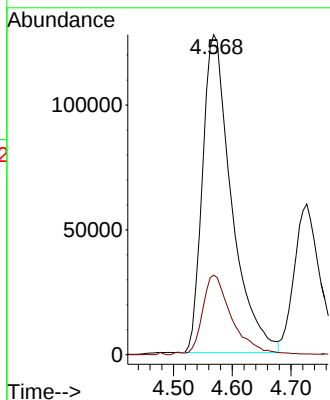
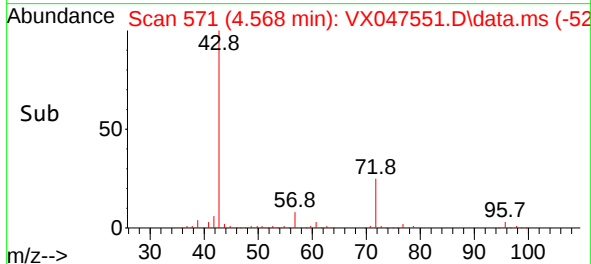
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 436530
Ion Ratio Lower Upper
43 100
72 24.4 19.5 29.3

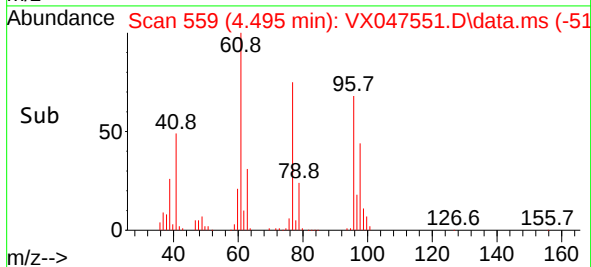
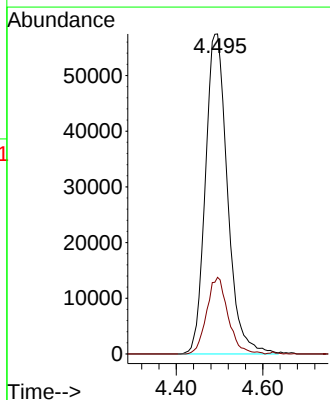
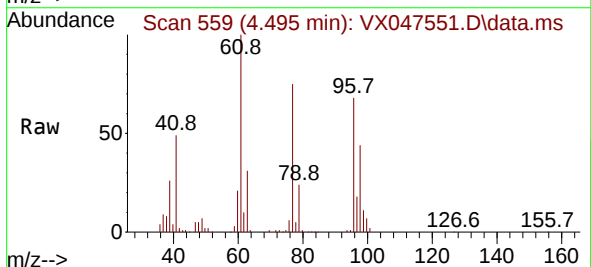
Manual Integrations
APPROVED

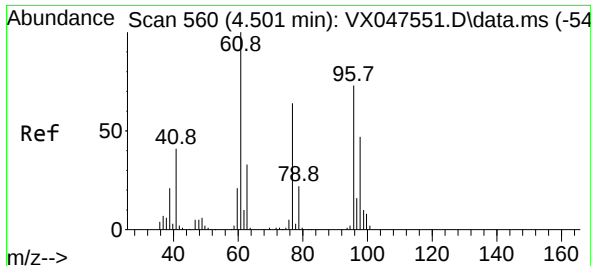
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#26
2,2-Dichloropropane
Concen: 49.774 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

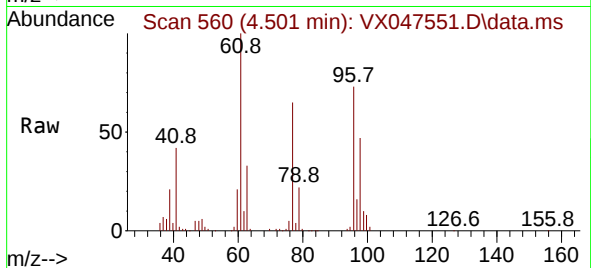
Tgt Ion: 77 Resp: 203205
Ion Ratio Lower Upper
77 100
97 23.2 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 49.780 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

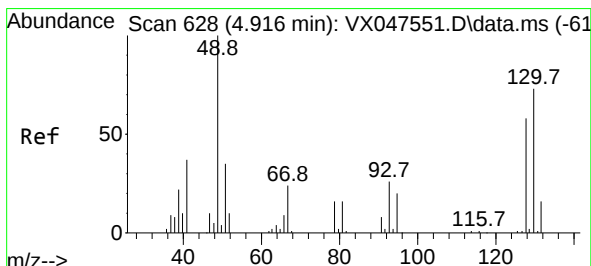
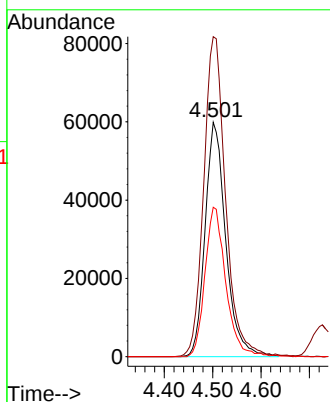
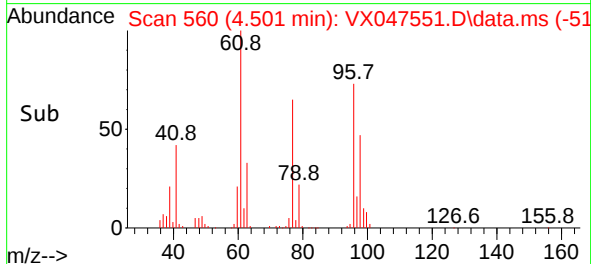
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



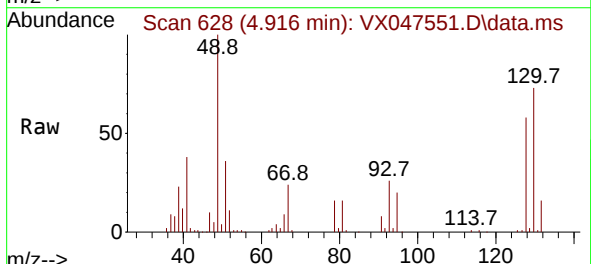
Tgt Ion: 96 Resp: 17782
Ion Ratio Lower Upper
96 100
61 144.7 0.0 289.4
98 64.6 0.0 129.2

Manual Integrations
APPROVED

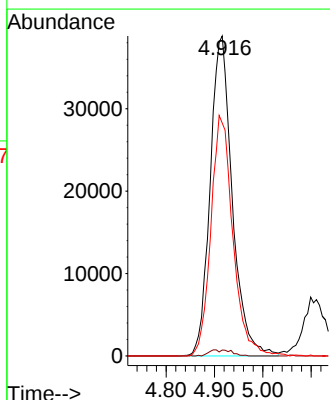
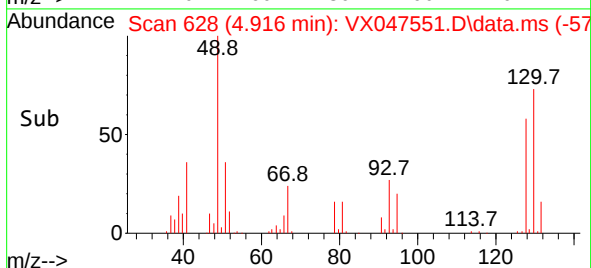
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025

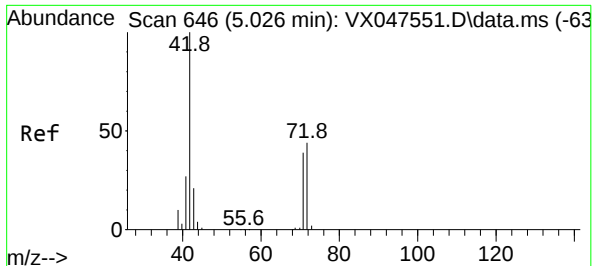


#28
Bromochloromethane
Concen: 50.596 ug/l
RT: 4.916 min Scan# 628
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53



Tgt Ion: 49 Resp: 123328
Ion Ratio Lower Upper
49 100
129 0.9 0.0 1.8
130 74.7 59.8 89.6





#29

Tetrahydrofuran

Concen: 251.926 ug/l

RT: 5.026 min Scan# 64

Delta R.T. 0.000 min

Lab File: VX047551.D

Acq: 28 Aug 2025 15:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

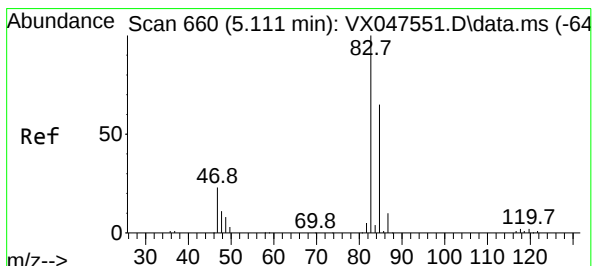
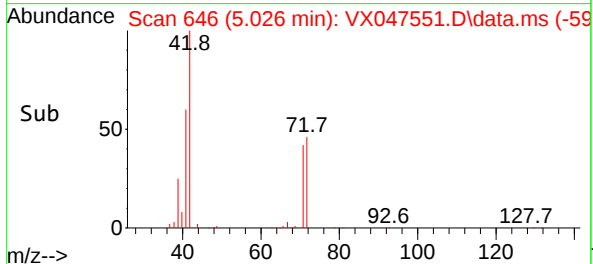
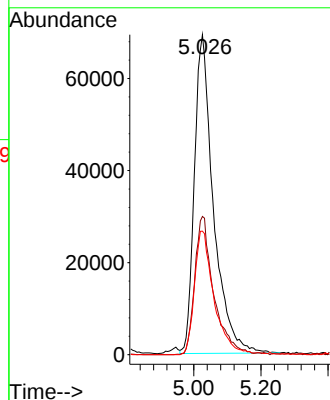
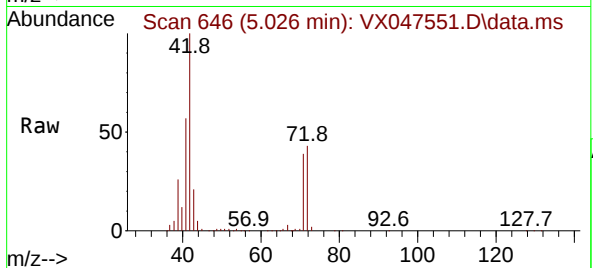
Tgt Ion: 42 Resp: 272984
 Ion Ratio Lower Upper
 42 100
 72 43.1 34.5 51.7
 71 39.6 31.7 47.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2025

Supervised By :Semsettin Yesilyurt 08/29/2025



#30

Chloroform

Concen: 49.616 ug/l

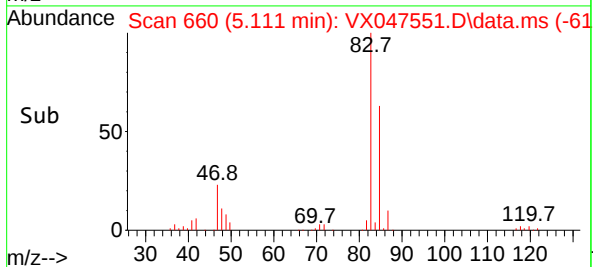
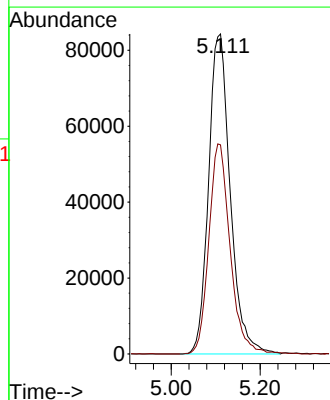
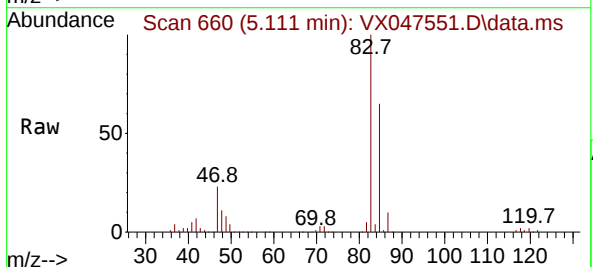
RT: 5.111 min Scan# 660

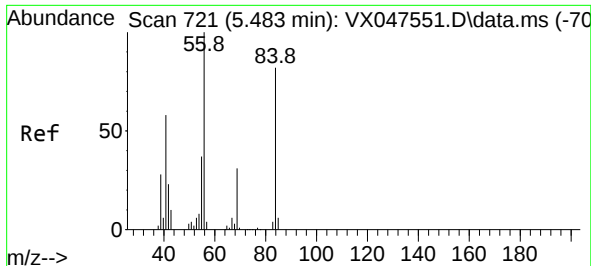
Delta R.T. 0.000 min

Lab File: VX047551.D

Acq: 28 Aug 2025 15:53

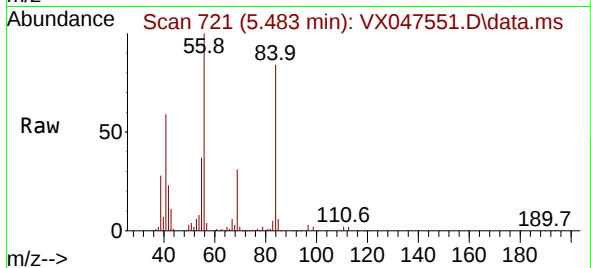
Tgt Ion: 83 Resp: 285370
 Ion Ratio Lower Upper
 83 100
 85 65.4 52.3 78.5





#31
Cyclohexane
Concen: 48.288 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

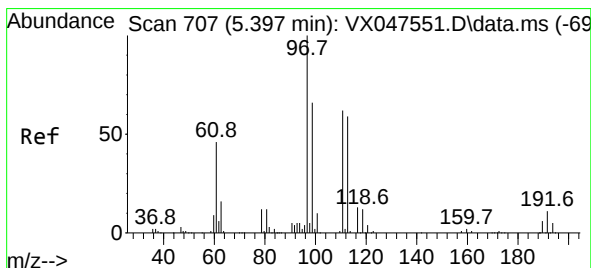
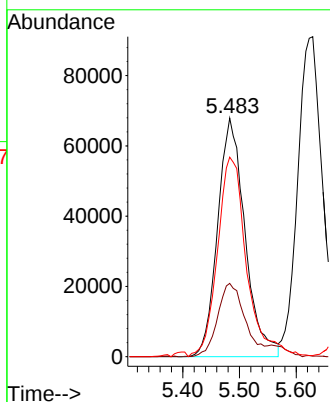
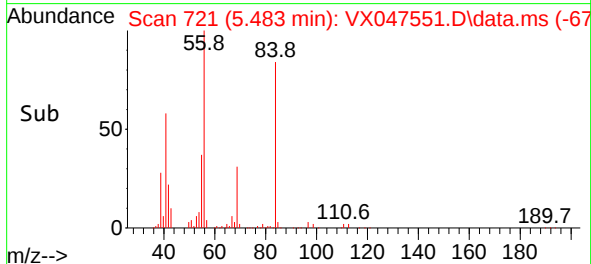
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 227460
Ion Ratio Lower Upper
56 100
69 30.2 24.2 36.2
84 81.9 65.5 98.3

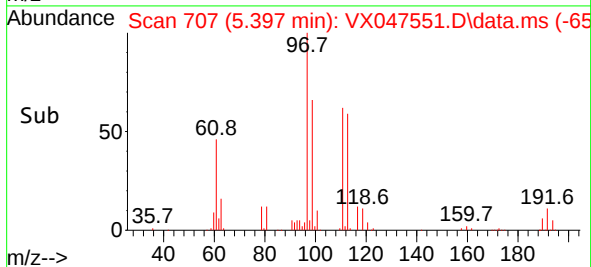
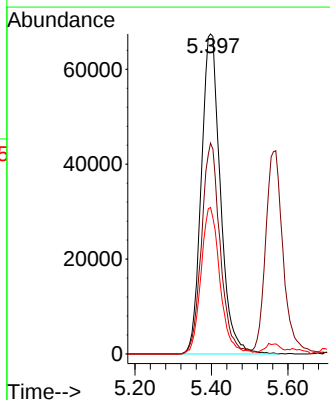
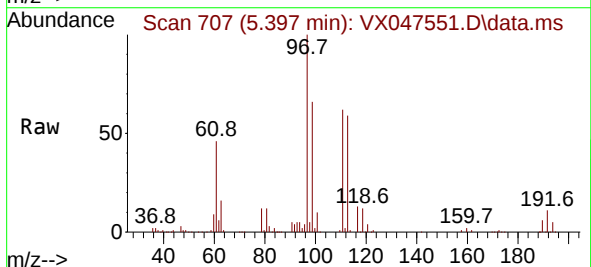
Manual Integrations
APPROVED

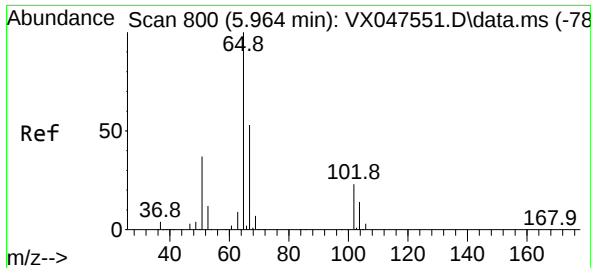
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#32
1,1,1-Trichloroethane
Concen: 49.797 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

Tgt Ion: 97 Resp: 233350
Ion Ratio Lower Upper
97 100
99 64.4 51.5 77.3
61 45.6 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 49.521 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX047551.D

Acq: 28 Aug 2025 15:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 165904

Ion Ratio Lower Upper

65 100

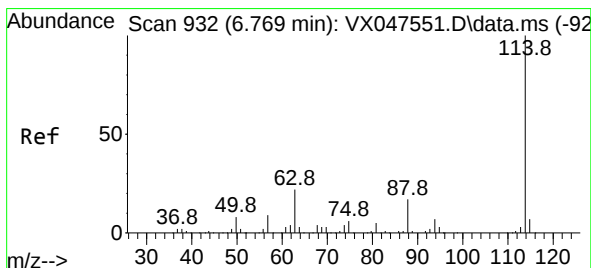
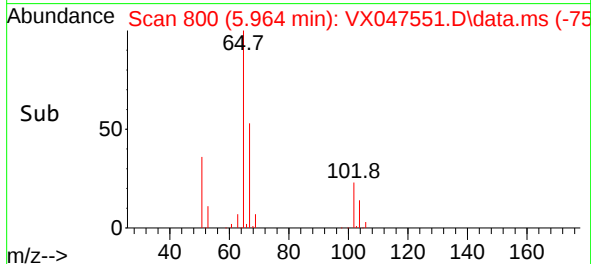
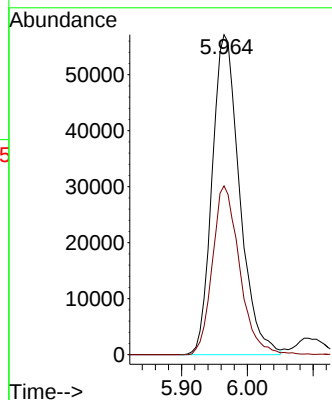
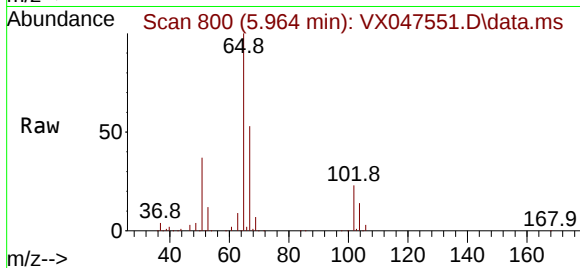
67 52.4 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2025

Supervised By :Semsettin Yesilyurt 08/29/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX047551.D

Acq: 28 Aug 2025 15:53

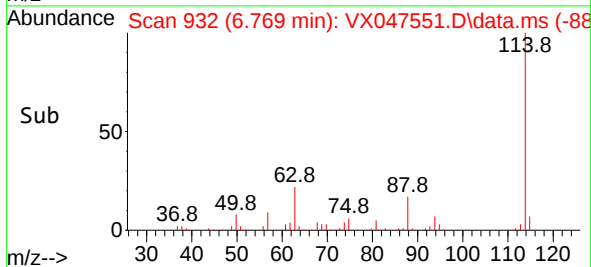
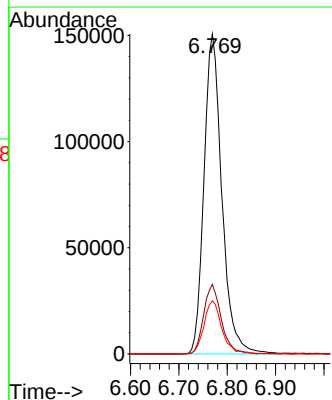
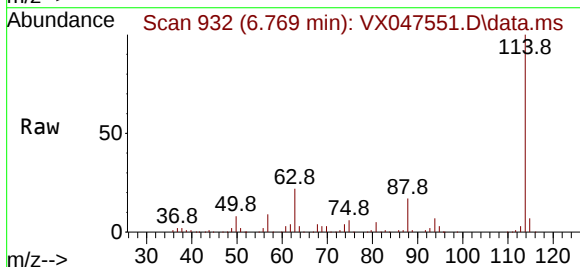
Tgt Ion:114 Resp: 386704

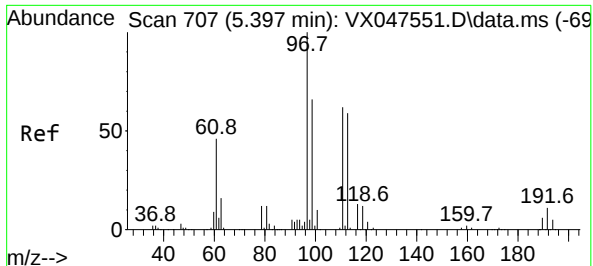
Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.6

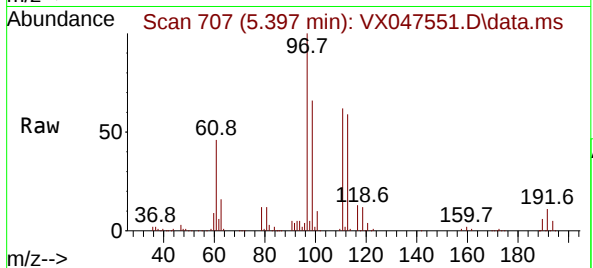
88 16.6 0.0 33.2





#35
Dibromofluoromethane
Concen: 49.885 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

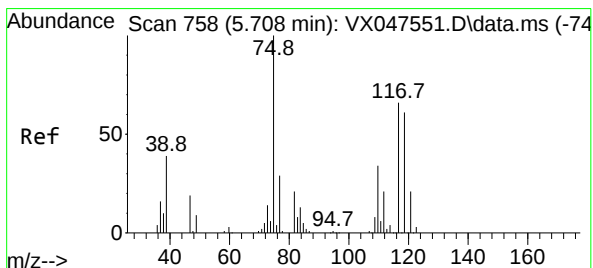
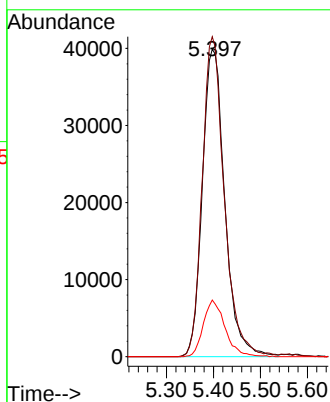
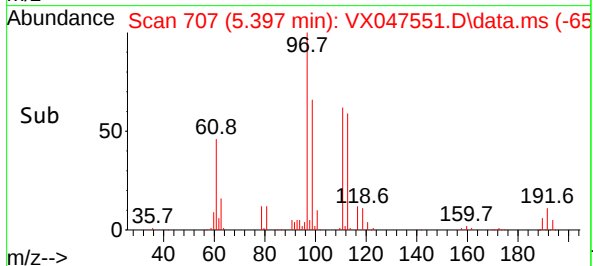
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 113 Resp: 132400
Ion Ratio Lower Upper
113 100
111 101.5 81.2 121.8
192 17.8 14.2 21.4

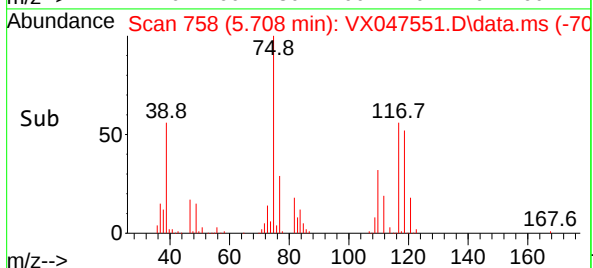
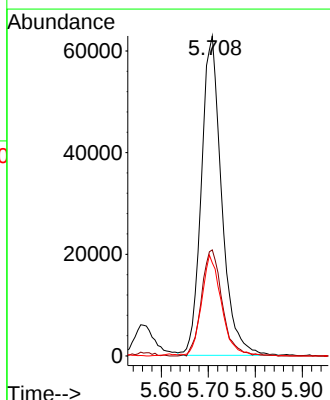
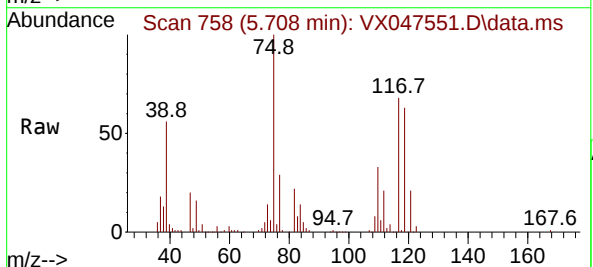
Manual Integrations
APPROVED

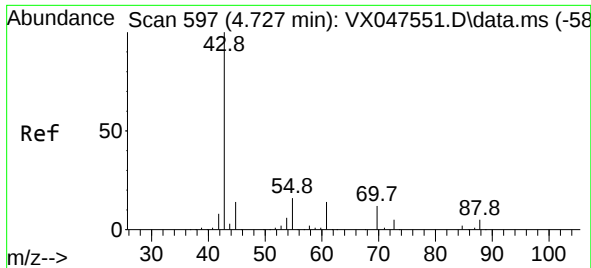
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#36
1,1-Dichloropropene
Concen: 49.853 ug/l
RT: 5.708 min Scan# 758
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

Tgt Ion: 75 Resp: 188303
Ion Ratio Lower Upper
75 100
110 34.2 17.1 51.3
77 31.3 25.0 37.6





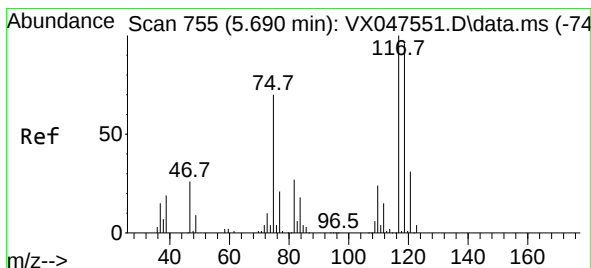
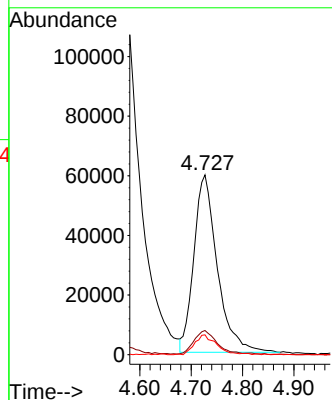
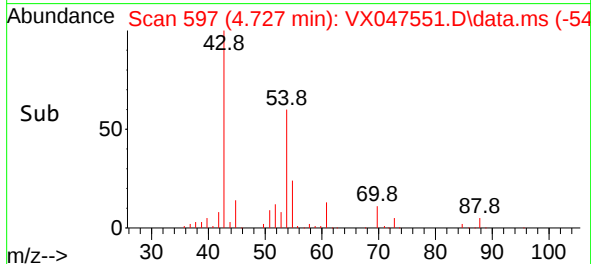
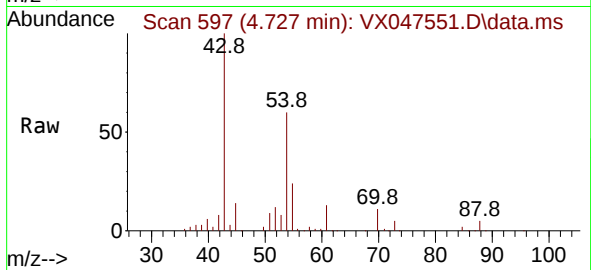
#37
Ethyl Acetate
Concen: 50.681 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 188683
Ion Ratio Lower Upper
43 100
61 12.7 10.2 15.2
70 10.3 8.2 12.4

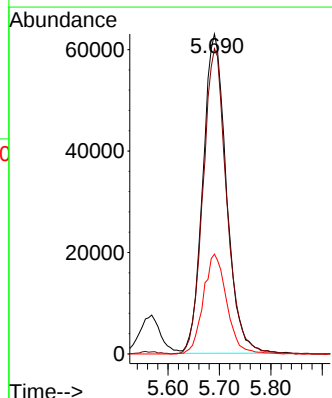
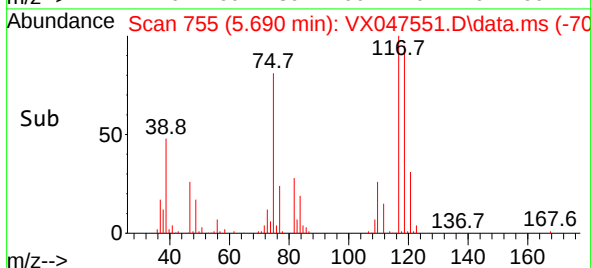
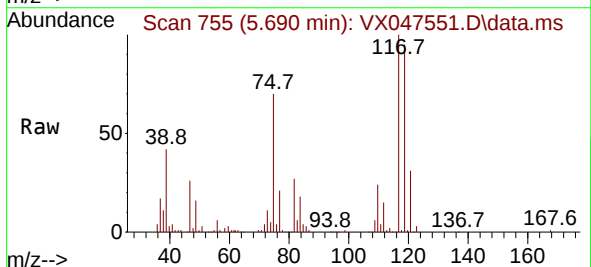
Manual Integrations
APPROVED

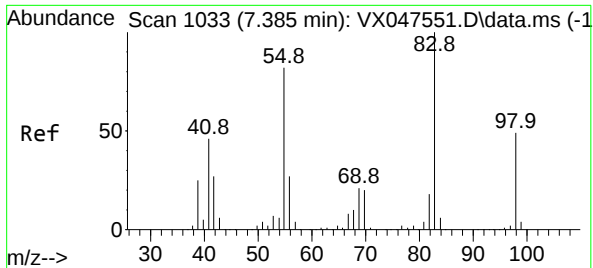
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#38
Carbon Tetrachloride
Concen: 47.624 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

Tgt Ion:117 Resp: 199596
Ion Ratio Lower Upper
117 100
119 95.5 76.4 114.6
121 31.1 24.9 37.3





#39

Methylcyclohexane

Concen: 48.129 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX047551.D

Acq: 28 Aug 2025 15:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 20965

Ion Ratio Lower Upper

83 100

55 81.8 65.4 98.2

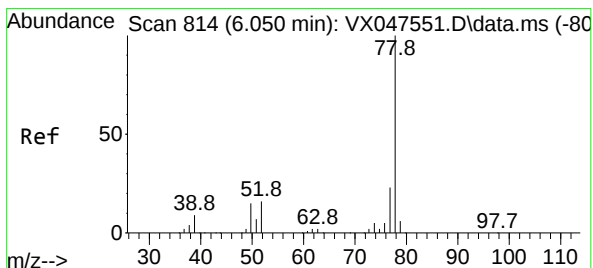
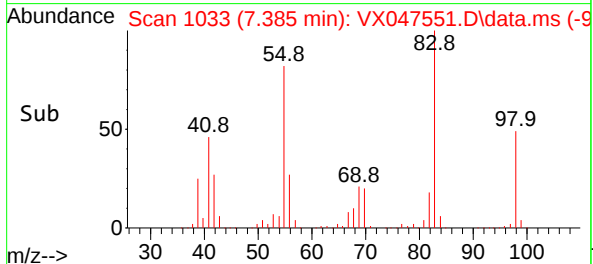
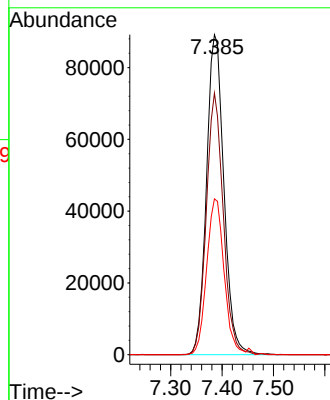
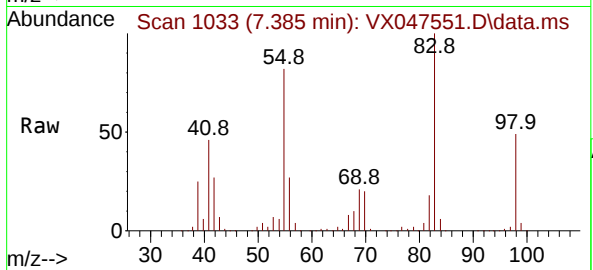
98 48.7 39.0 58.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2025

Supervised By :Semsettin Yesilyurt 08/29/2025



#40

Benzene

Concen: 49.506 ug/l

RT: 6.050 min Scan# 814

Delta R.T. 0.000 min

Lab File: VX047551.D

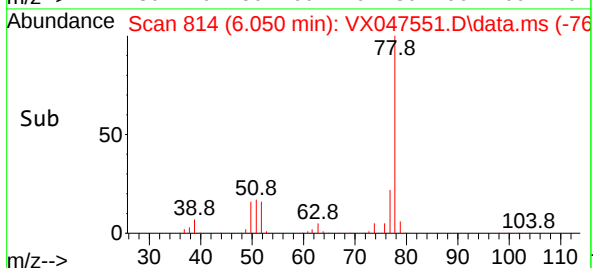
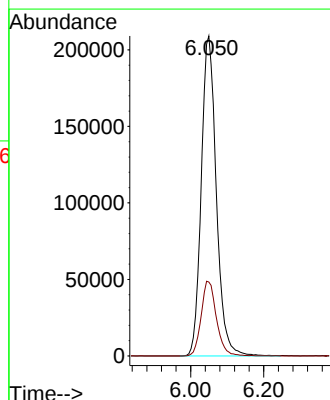
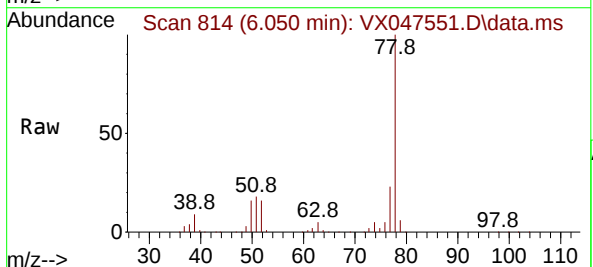
Acq: 28 Aug 2025 15:53

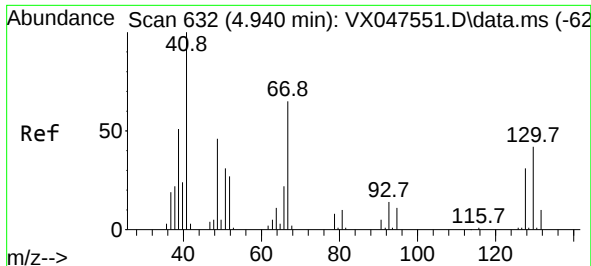
Tgt Ion: 78 Resp: 596988

Ion Ratio Lower Upper

78 100

77 23.1 18.5 27.7





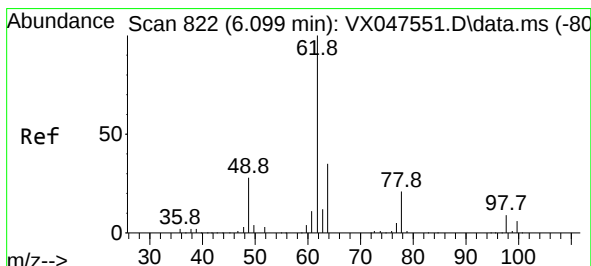
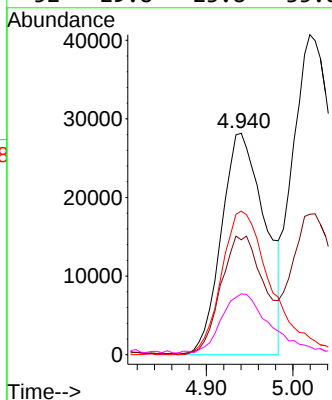
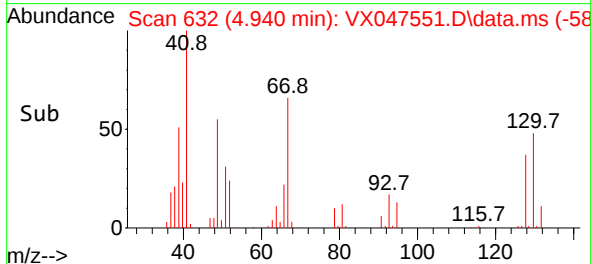
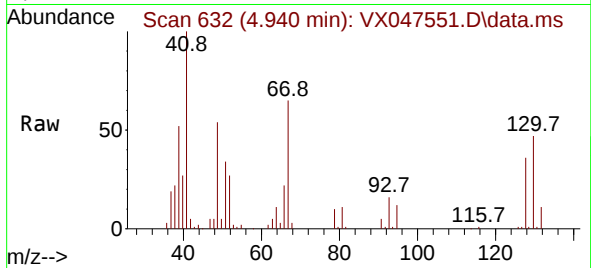
#41
Methacrylonitrile
Concen: 55.997 ug/l
RT: 4.940 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 9873
Ion Ratio Lower Upper
41 100
39 53.0 42.4 63.6
67 75.7 60.6 90.8
52 29.8 23.8 35.8

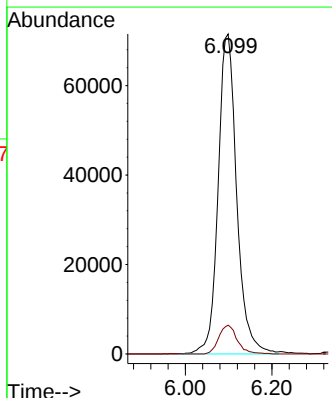
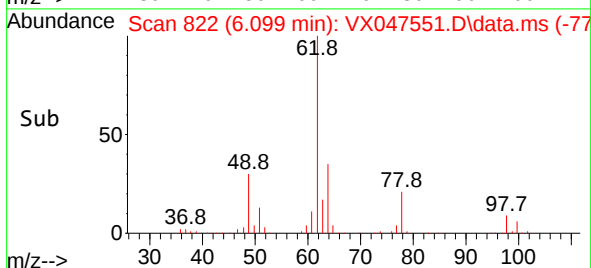
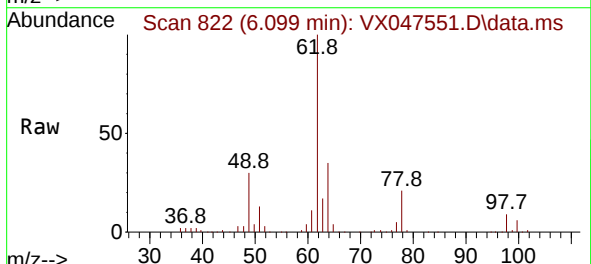
Manual Integrations
APPROVED

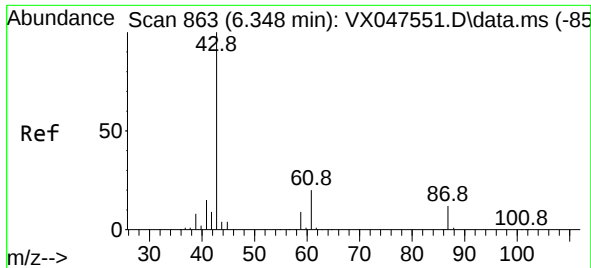
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#42
1,2-Dichloroethane
Concen: 49.253 ug/l
RT: 6.099 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

Tgt Ion: 62 Resp: 213807
Ion Ratio Lower Upper
62 100
98 8.9 0.0 17.8





#43

Isopropyl Acetate

Concen: 52.988 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.000 min

Lab File: VX047551.D

Acq: 28 Aug 2025 15:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

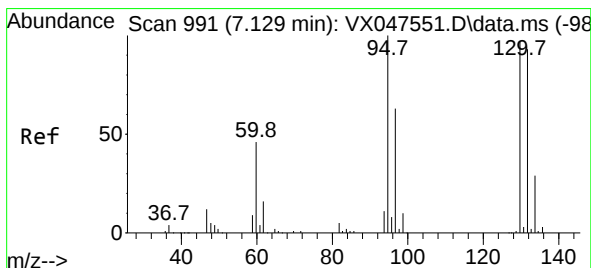
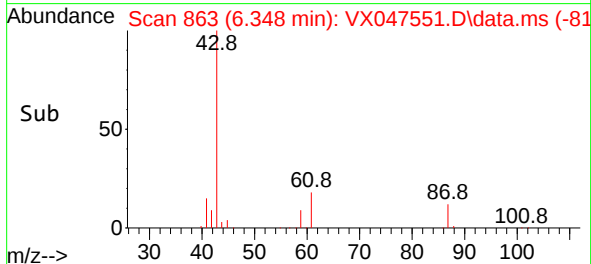
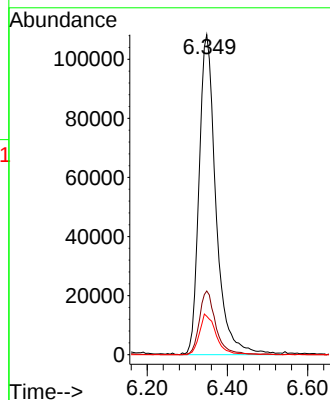
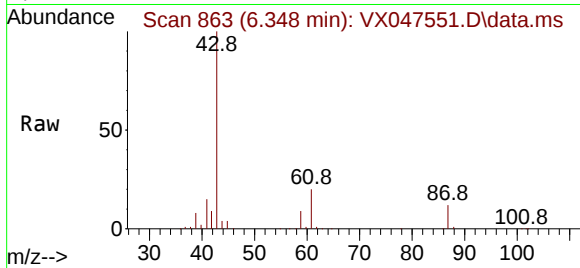
Tgt Ion:	43	Resp:	31698
Ion Ratio	Lower	Upper	
43	100		
61	19.3	15.4	23.2
87	12.4	9.9	14.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2025

Supervised By :Semsettin Yesilyurt 08/29/2025



#44

Trichloroethene

Concen: 49.158 ug/l

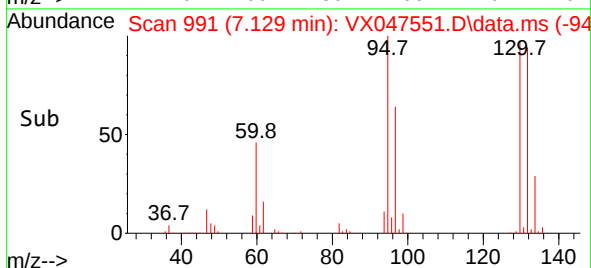
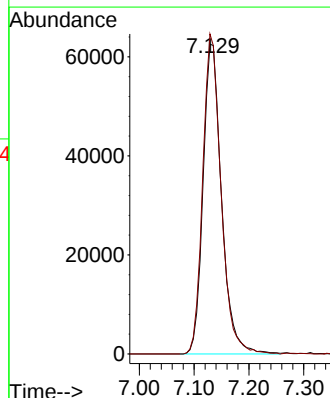
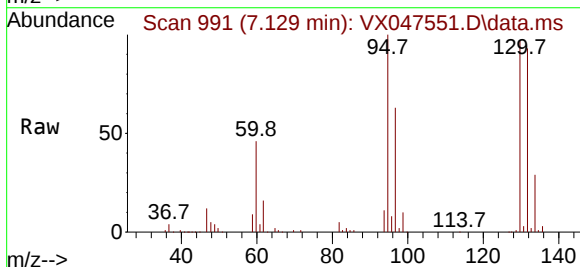
RT: 7.129 min Scan# 991

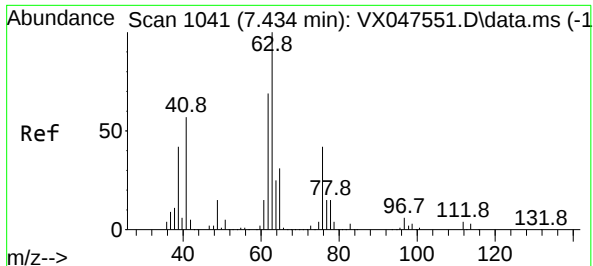
Delta R.T. 0.000 min

Lab File: VX047551.D

Acq: 28 Aug 2025 15:53

Tgt Ion:	130	Resp:	146877
Ion Ratio	Lower	Upper	
130	100		
95	103.3	0.0	206.6





#45

1,2-Dichloropropane

Concen: 50.612 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX047551.D

Acq: 28 Aug 2025 15:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 153729

Ion Ratio Lower Upper

63 100

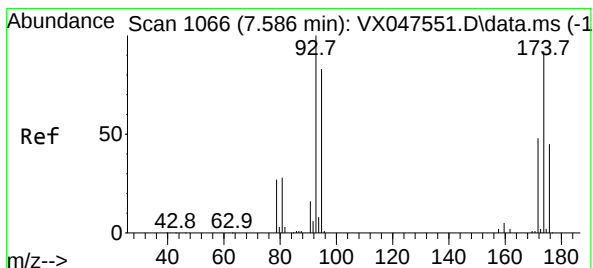
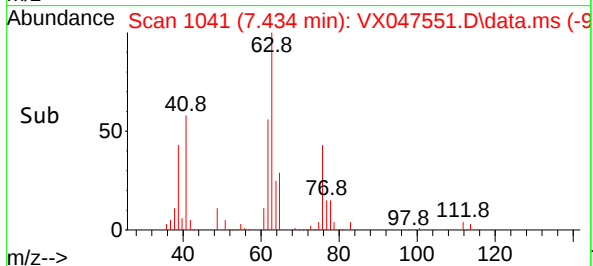
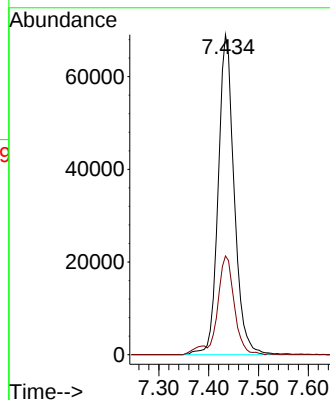
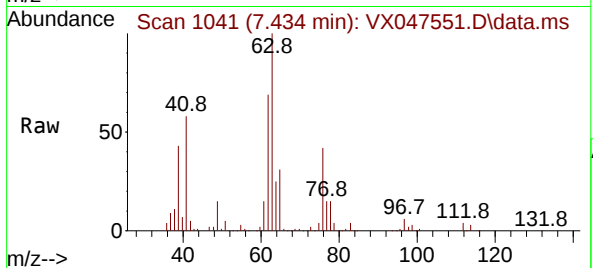
65 30.9 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2025

Supervised By :Semsettin Yesilyurt 08/29/2025



#46

Dibromomethane

Concen: 50.214 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX047551.D

Acq: 28 Aug 2025 15:53

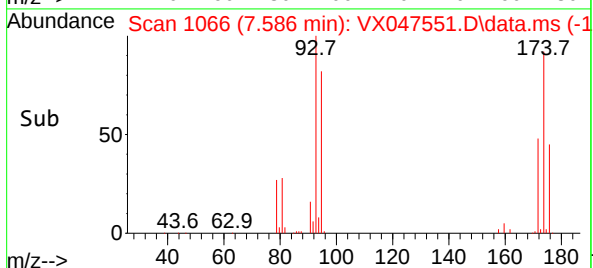
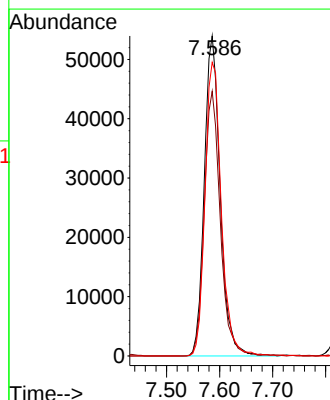
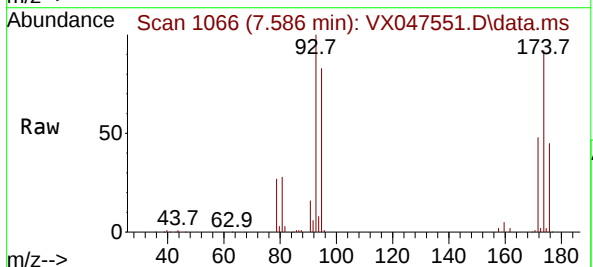
Tgt Ion: 93 Resp: 112280

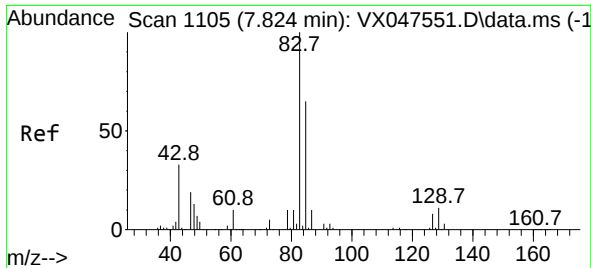
Ion Ratio Lower Upper

93 100

95 83.4 66.7 100.1

174 94.0 75.2 112.8





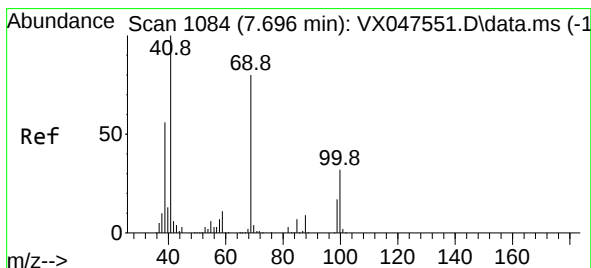
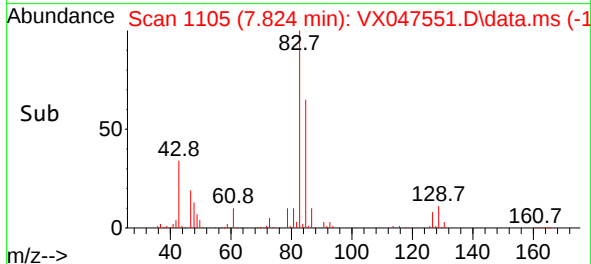
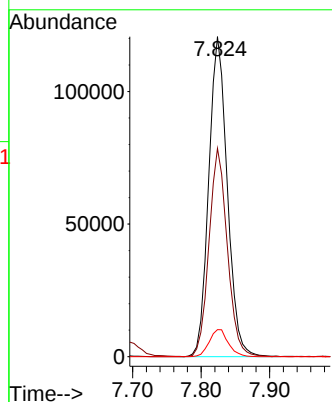
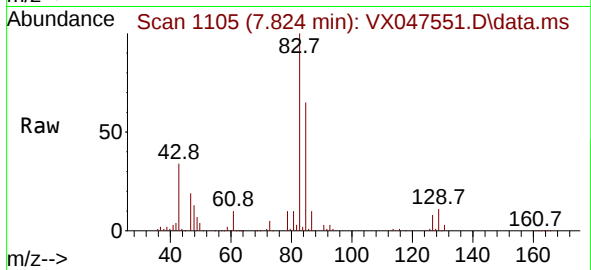
#47
Bromodichloromethane
Concen: 49.733 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 22742
Ion Ratio Lower Upper
83 100
85 65.0 52.0 78.0
127 8.5 6.8 10.2

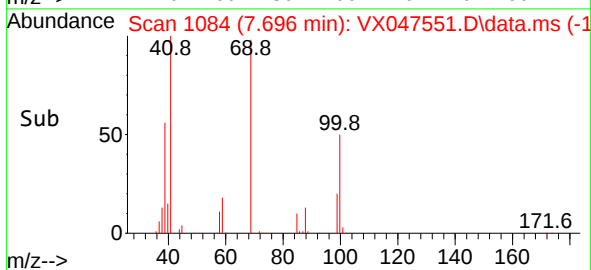
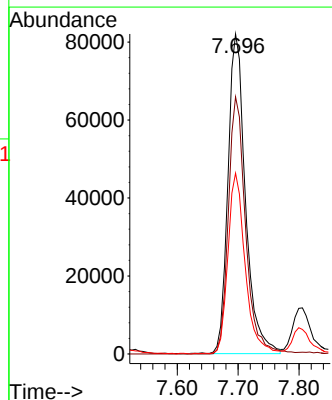
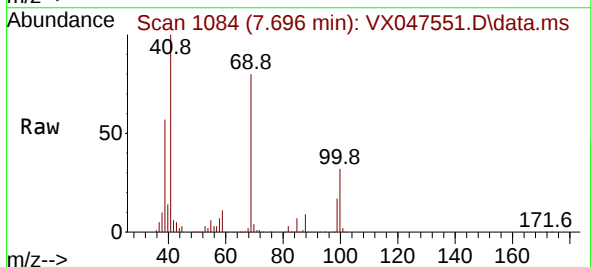
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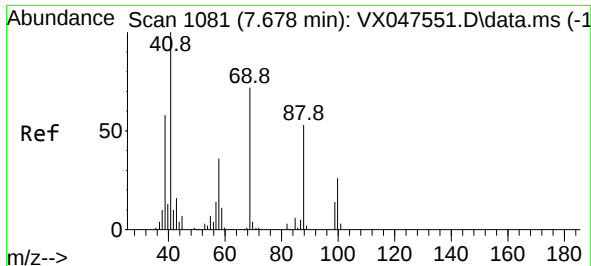
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#48
Methyl methacrylate
Concen: 53.247 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

Tgt Ion: 41 Resp: 163855
Ion Ratio Lower Upper
41 100
69 79.3 63.4 95.2
39 55.9 44.7 67.1





#49

1,4-Dioxane

Concen: 1040.835 ug/l

RT: 7.678 min Scan# 1081

Delta R.T. 0.000 min

Lab File: VX047551.D

Acq: 28 Aug 2025 15:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

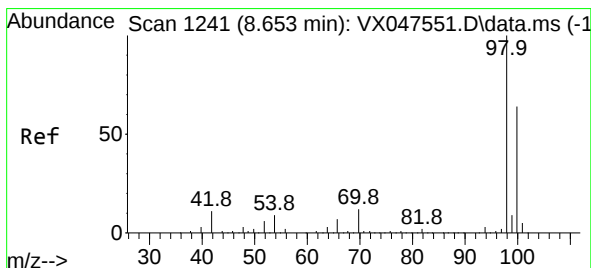
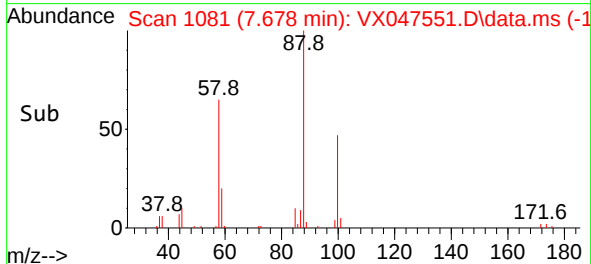
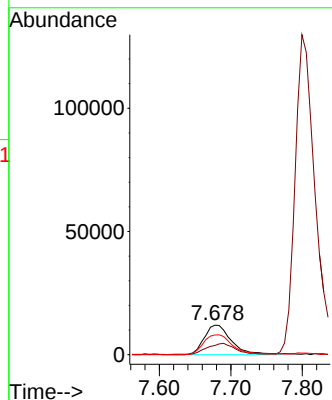
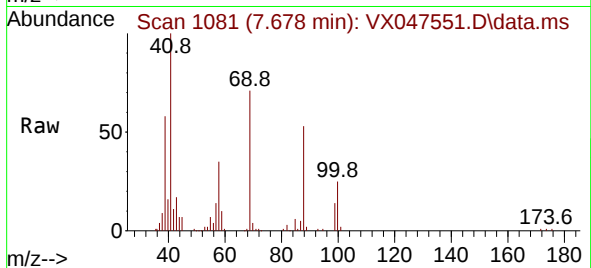
Tgt Ion: 88 Resp: 31684
 Ion Ratio Lower Upper
 88 100
 43 39.9 31.9 47.9
 58 71.9 57.5 86.3

Manual Integrations

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Reviewed By :John Carlone 08/29/2025

Supervised By :Semsettin Yesilyurt 08/29/2025



#50

Toluene-d8

Concen: 49.853 ug/l

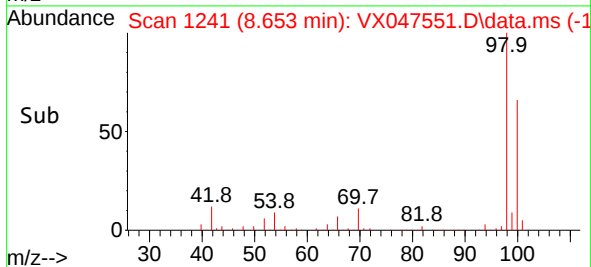
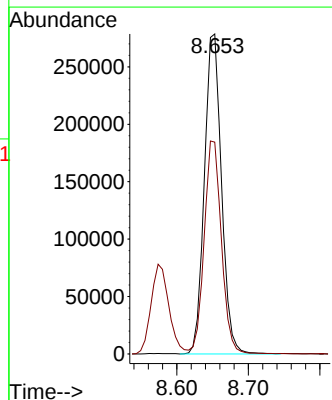
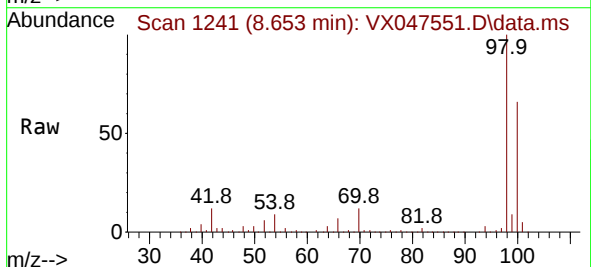
RT: 8.653 min Scan# 1241

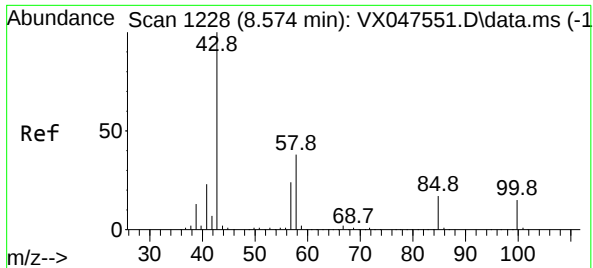
Delta R.T. 0.000 min

Lab File: VX047551.D

Acq: 28 Aug 2025 15:53

Tgt Ion: 98 Resp: 463786
 Ion Ratio Lower Upper
 98 100
 100 66.9 53.5 80.3





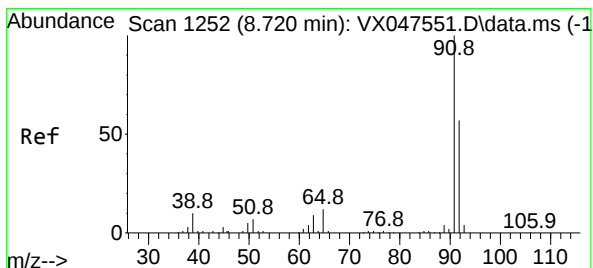
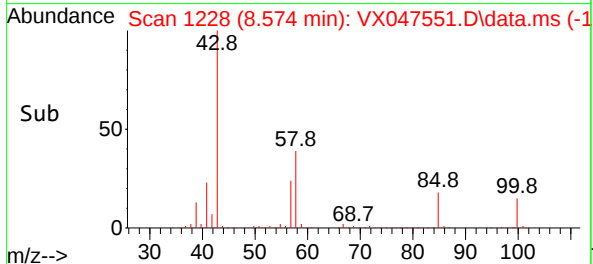
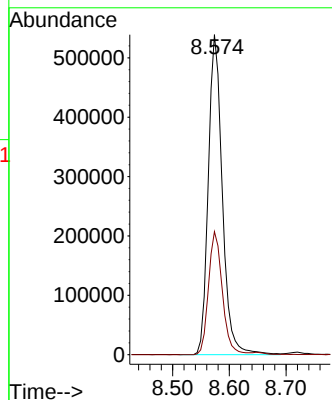
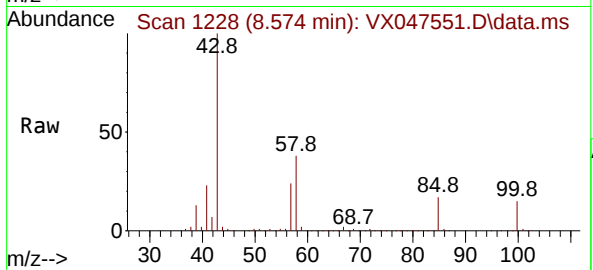
#51
4-Methyl-2-Pentanone
Concen: 261.685 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 924929
Ion Ratio Lower Upper
43 100
58 38.0 30.4 45.6

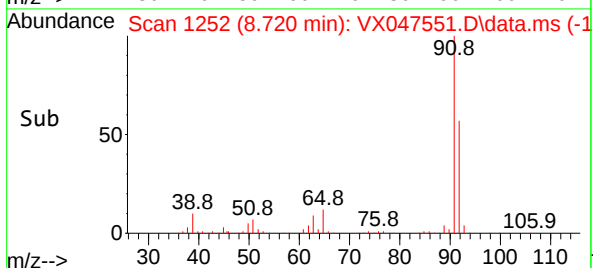
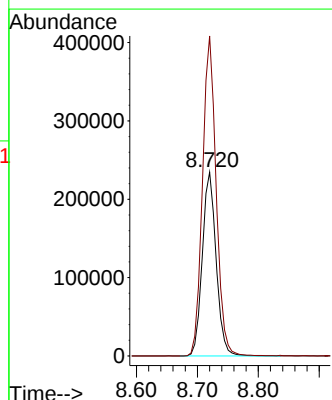
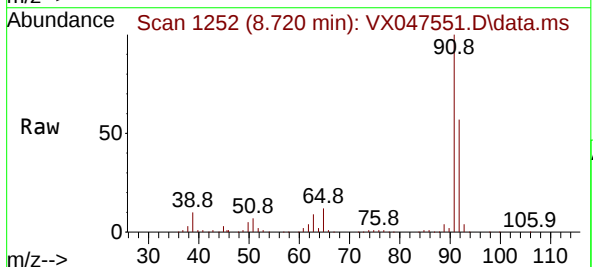
Manual Integrations
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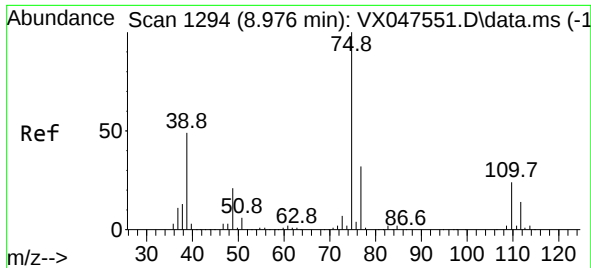
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#52
Toluene
Concen: 50.302 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

Tgt Ion: 92 Resp: 369658
Ion Ratio Lower Upper
92 100
91 172.3 137.8 206.8





#53

t-1,3-Dichloropropene

Concen: 52.409 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047551.D

Acq: 28 Aug 2025 15:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 75 Resp: 21591

Ion Ratio Lower Upper

75 100

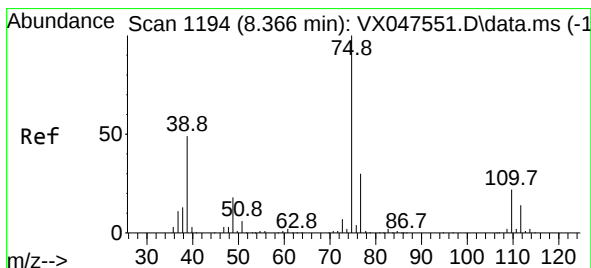
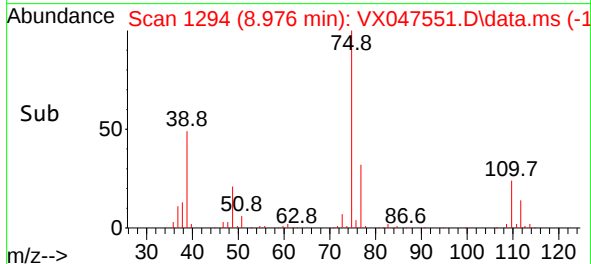
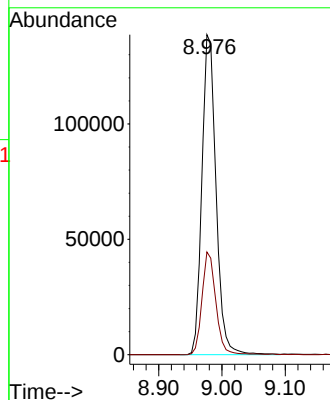
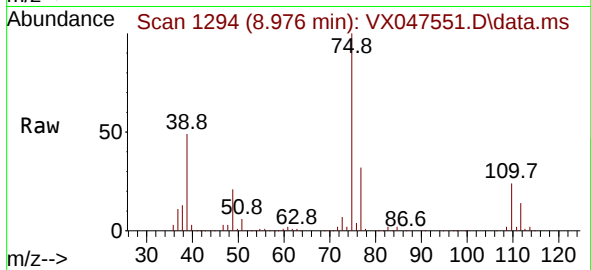
77 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2025

Supervised By :Semsettin Yesilyurt 08/29/2025



#54

cis-1,3-Dichloropropene

Concen: 51.744 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX047551.D

Acq: 28 Aug 2025 15:53

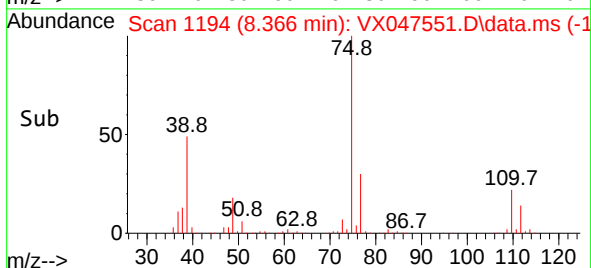
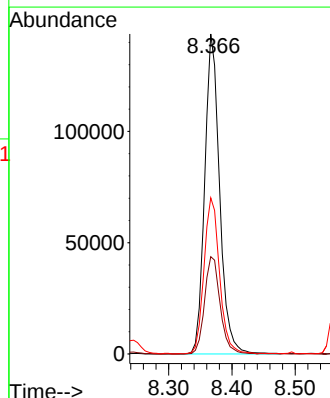
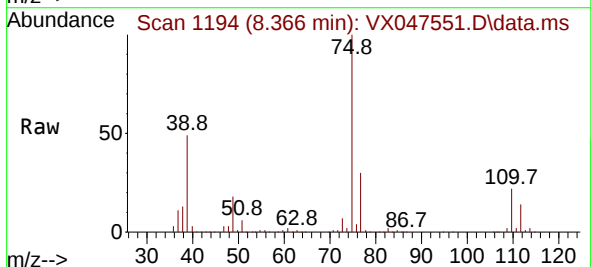
Tgt Ion: 75 Resp: 236201

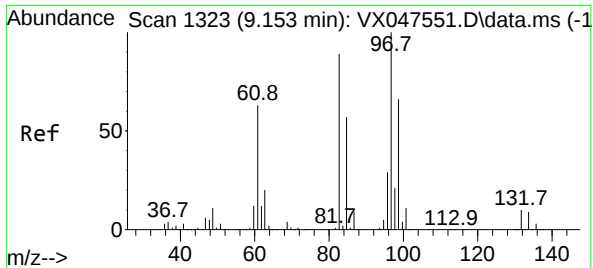
Ion Ratio Lower Upper

75 100

77 30.4 24.3 36.5

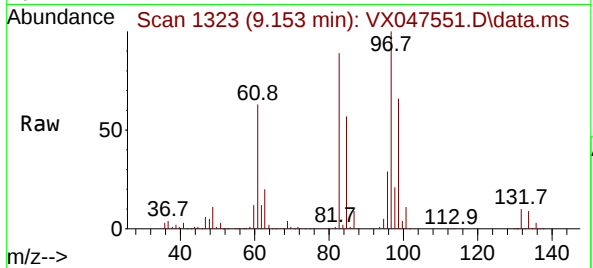
39 48.7 39.0 58.4





#55
1,1,2-Trichloroethane
Concen: 50.188 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

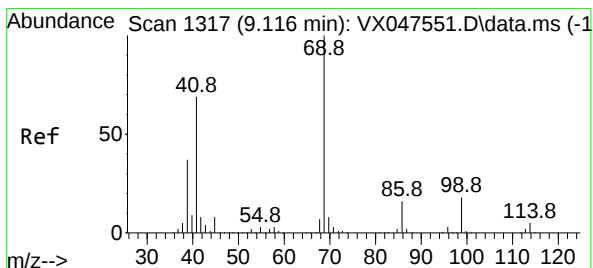
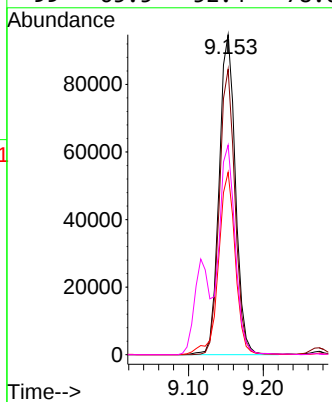
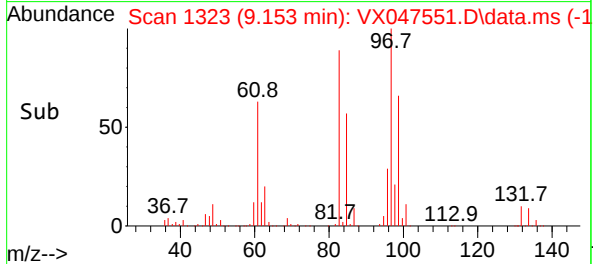
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:	97	Resp:	14388
Ion	Ratio	Lower	Upper
97	100		
83	89.2	71.4	107.0
85	57.0	45.6	68.4
99	65.5	52.4	78.6

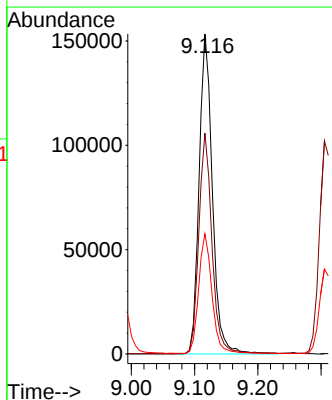
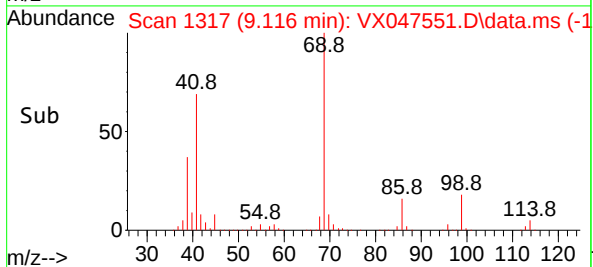
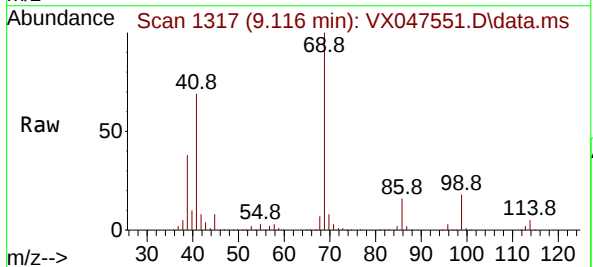
Manual Integrations
APPROVED

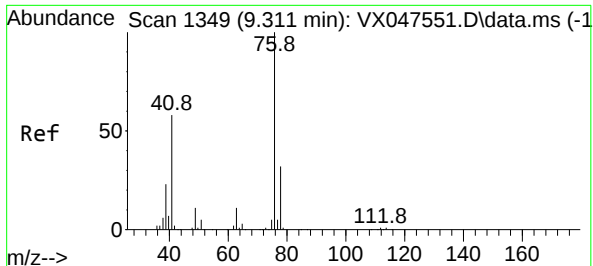
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#56
Ethyl methacrylate
Concen: 53.006 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

Tgt Ion:	69	Resp:	224954
Ion	Ratio	Lower	Upper
69	100		
41	68.7	55.0	82.4
39	37.2	29.8	44.6





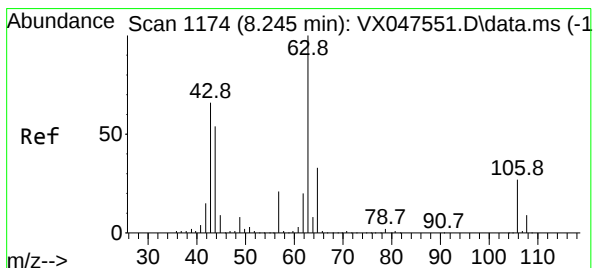
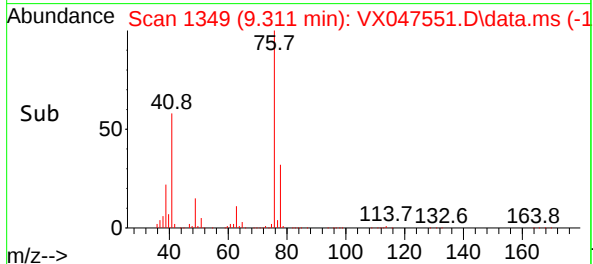
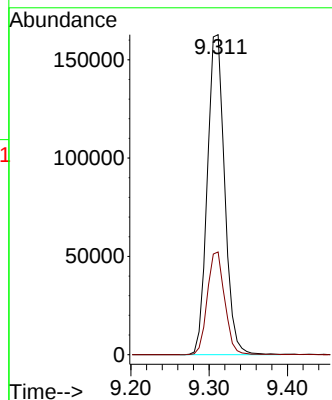
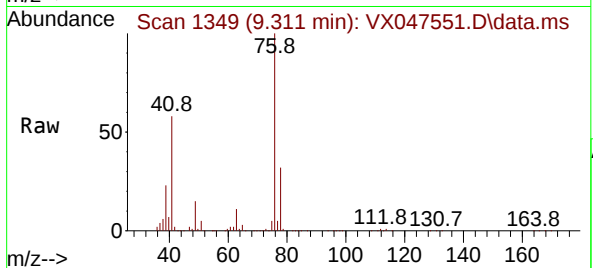
#57
1,3-Dichloropropane
Concen: 50.258 ug/l
RT: 9.311 min Scan# 11349
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 249450
Ion Ratio Lower Upper
76 100
78 32.2 25.8 38.6

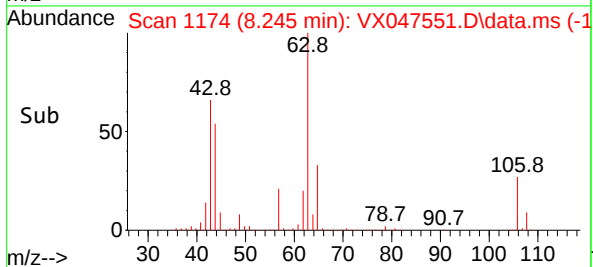
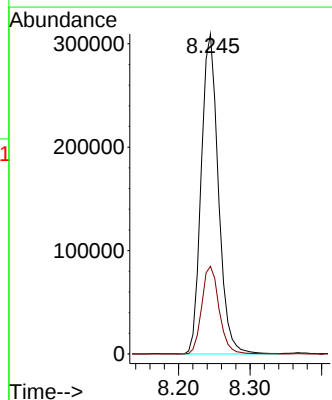
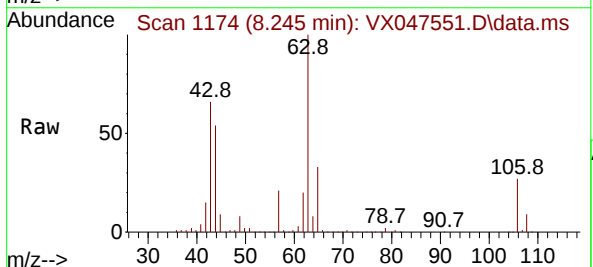
Manual Integrations
APPROVED

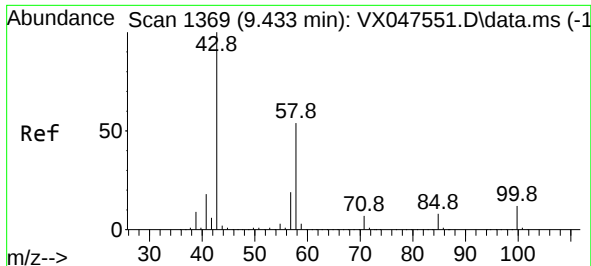
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#58
2-Chloroethyl Vinyl ether
Concen: 257.464 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

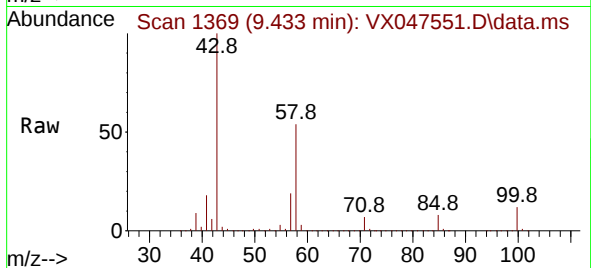
Tgt Ion: 63 Resp: 515392
Ion Ratio Lower Upper
63 100
106 27.8 22.2 33.4





#59
2-Hexanone
Concen: 262.714 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

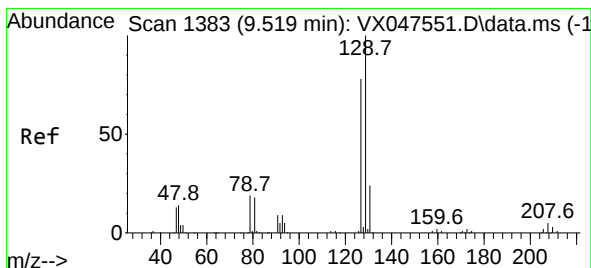
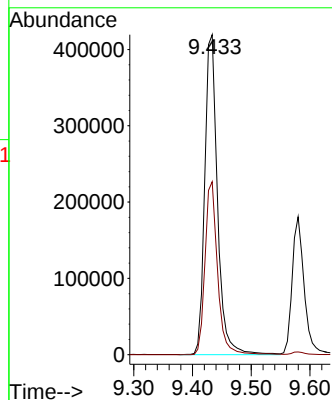
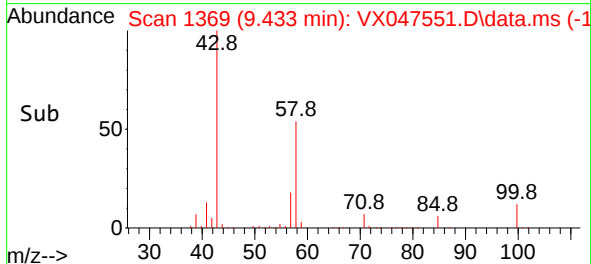
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 634339
Ion Ratio Lower Upper
43 100
58 53.3 26.7 80.0

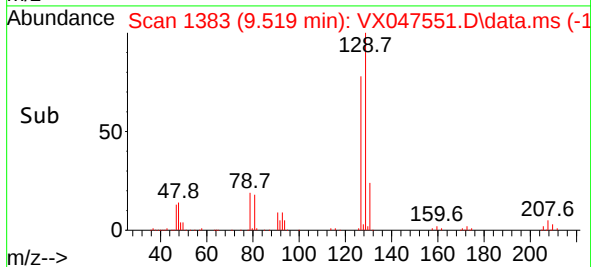
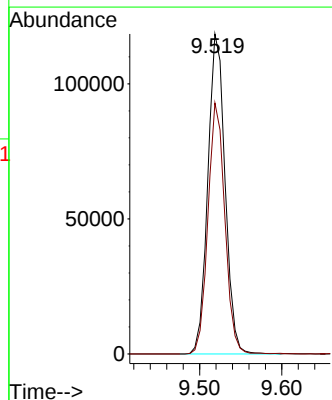
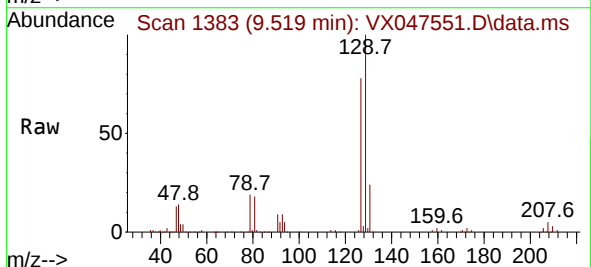
Manual Integrations
APPROVED

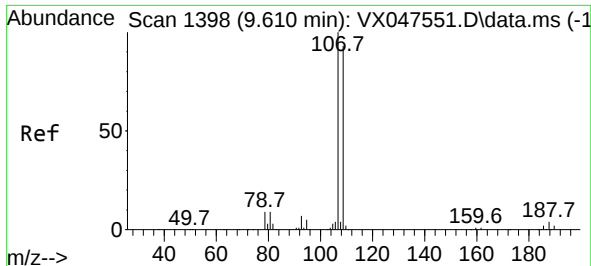
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#60
Dibromochloromethane
Concen: 50.355 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

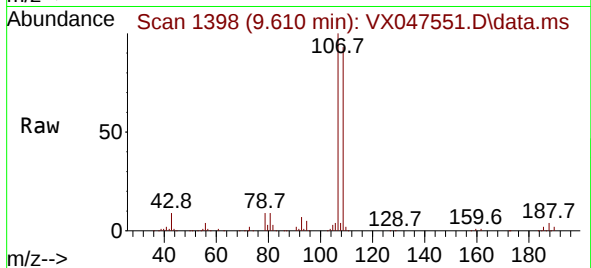
Tgt Ion:129 Resp: 172457
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3





#61
1,2-Dibromoethane
Concen: 51.481 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

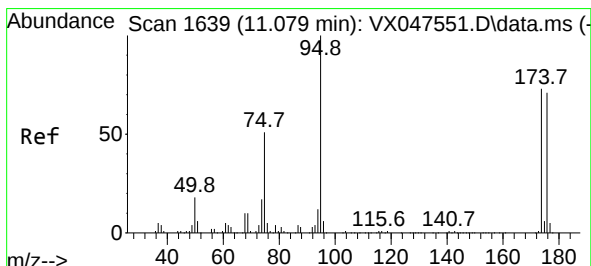
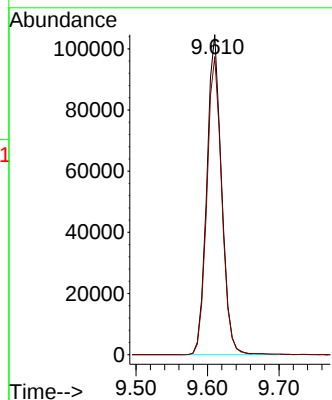
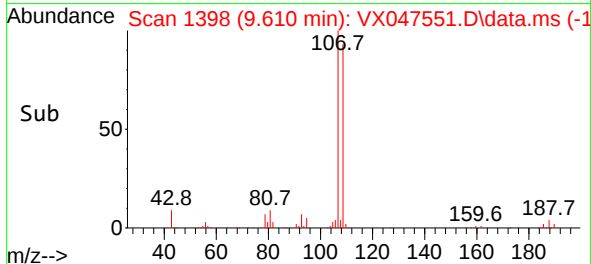
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:107 Resp: 150197
Ion Ratio Lower Upper
107 100
109 94.4 75.5 113.3

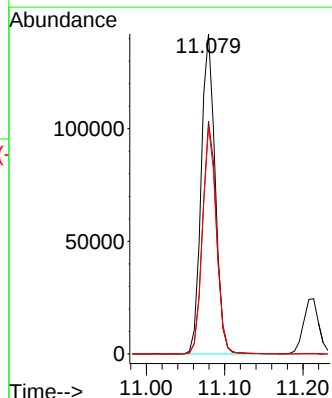
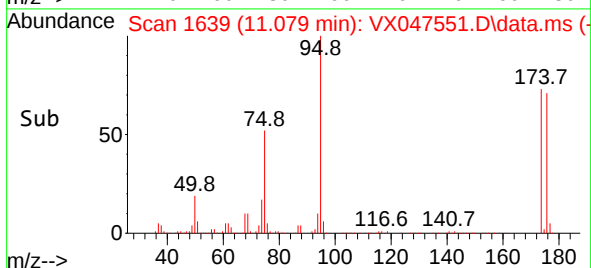
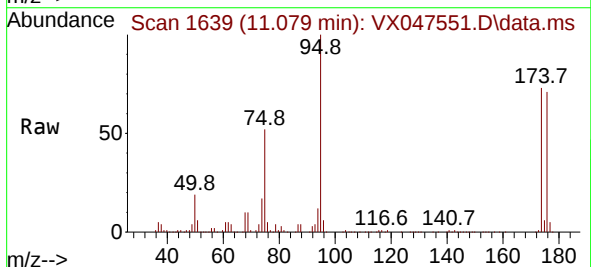
Manual Integrations
APPROVED

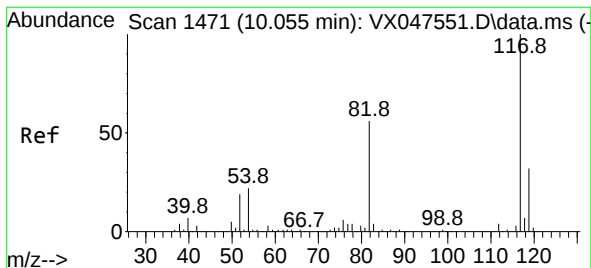
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#62
4-Bromofluorobenzene
Concen: 50.296 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

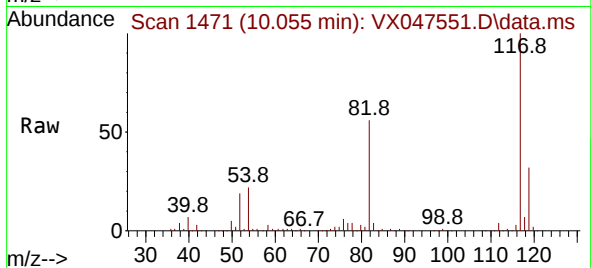
Tgt Ion: 95 Resp: 175780
Ion Ratio Lower Upper
95 100
174 72.6 0.0 145.2
176 70.2 0.0 140.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

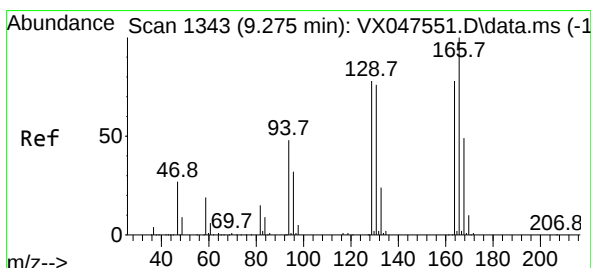
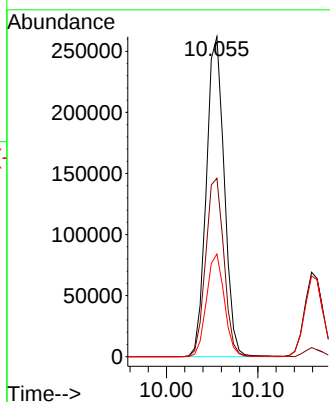
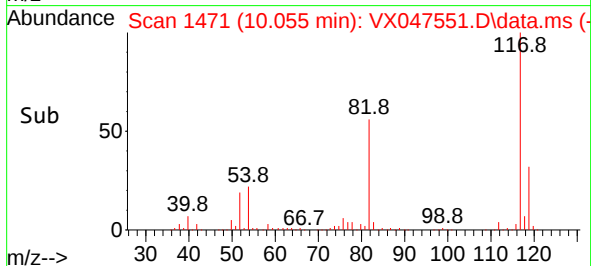
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 35653
Ion Ratio Lower Upper
117 100
82 55.7 44.6 66.8
119 32.1 25.7 38.5

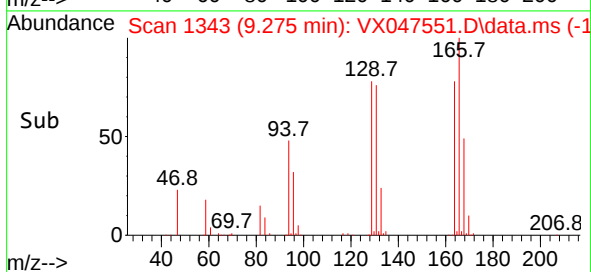
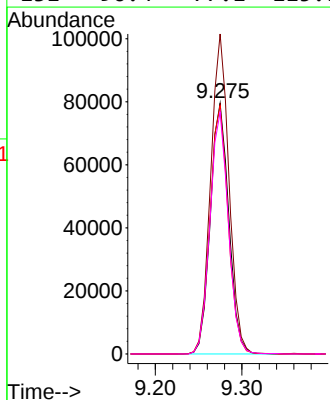
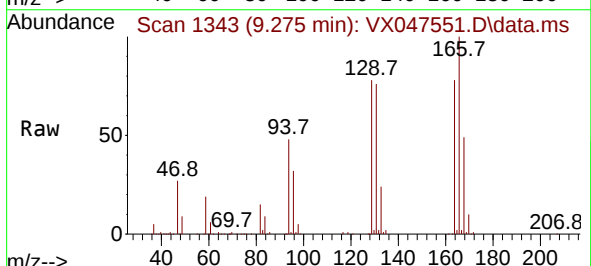
Manual Integrations
APPROVED

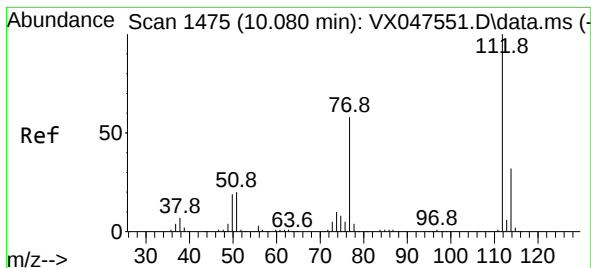
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#64
Tetrachloroethene
Concen: 49.286 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

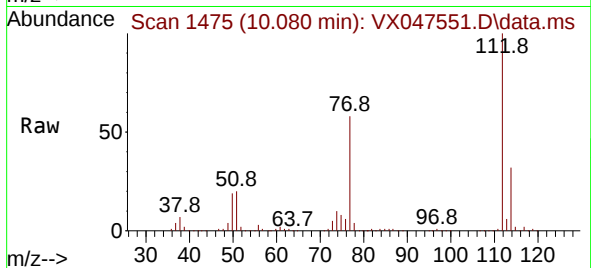
Tgt Ion:164 Resp: 117722
Ion Ratio Lower Upper
164 100
166 127.6 102.1 153.1
129 99.1 79.3 118.9
131 96.4 77.1 115.7





#65
Chlorobenzene
Concen: 49.848 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

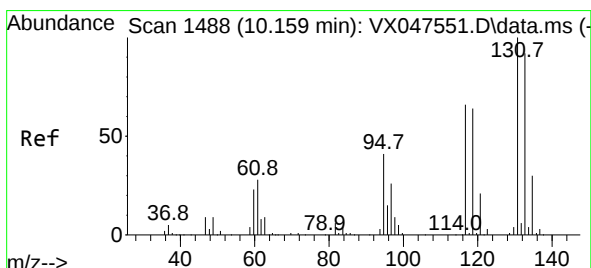
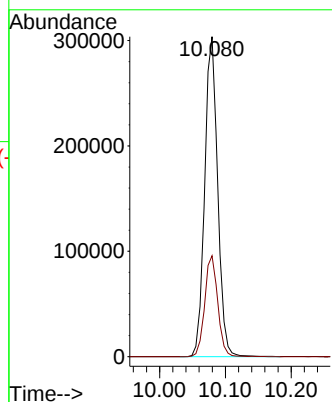
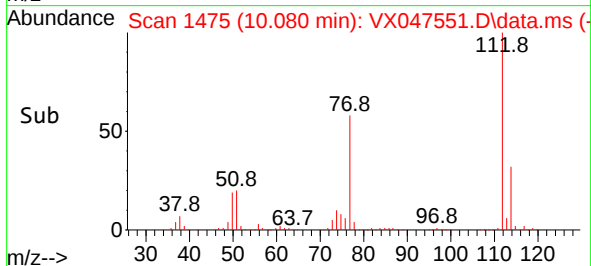
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:112 Resp: 41604
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9

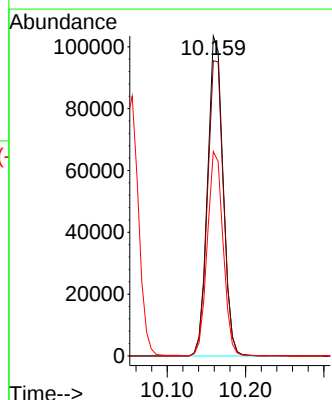
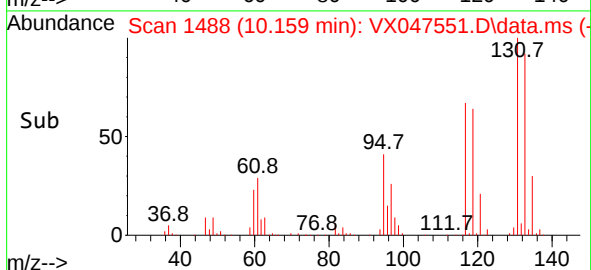
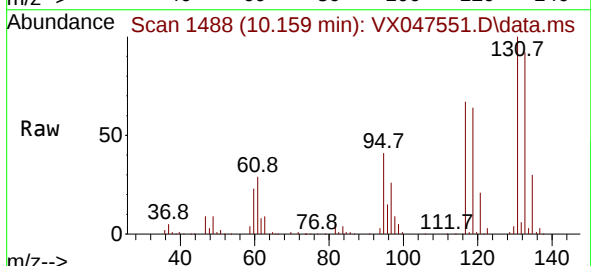
Manual Integrations
APPROVED

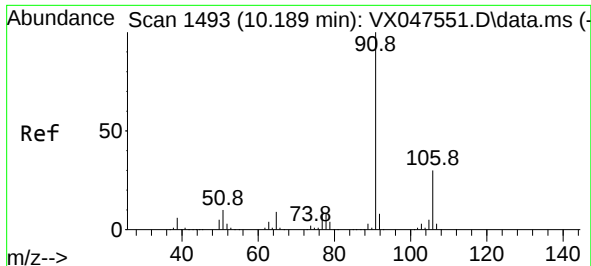
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 50.263 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

Tgt Ion:131 Resp: 142254
Ion Ratio Lower Upper
131 100
133 94.9 47.4 142.3
119 65.1 32.6 97.7





#67

Ethyl Benzene

Concen: 50.226 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX047551.D

Acq: 28 Aug 2025 15:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 70442

Ion Ratio Lower Upper

91 100

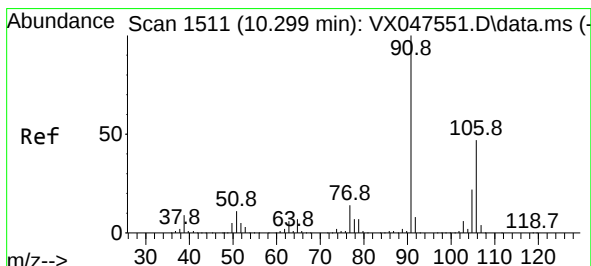
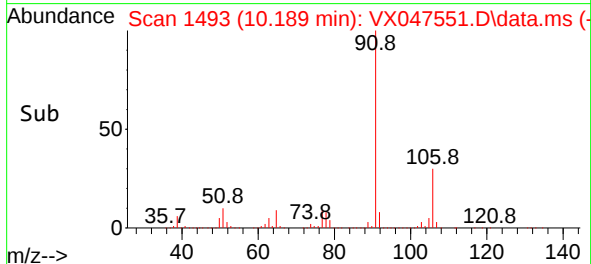
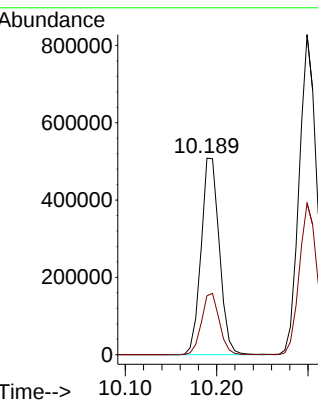
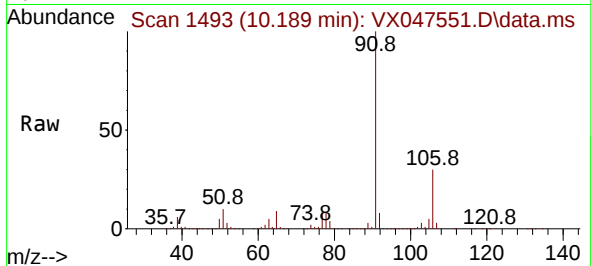
106 29.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2025

Supervised By :Semsettin Yesilyurt 08/29/2025



#68

m/p-Xylenes

Concen: 101.885 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX047551.D

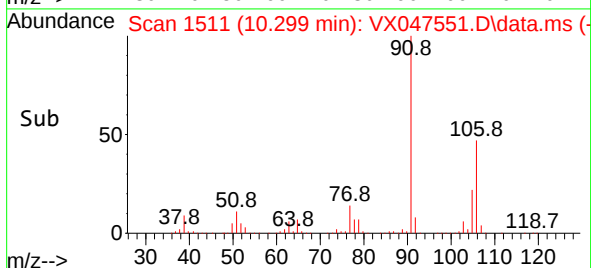
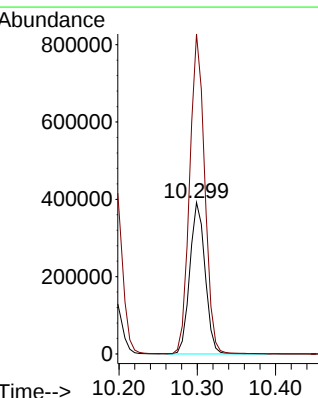
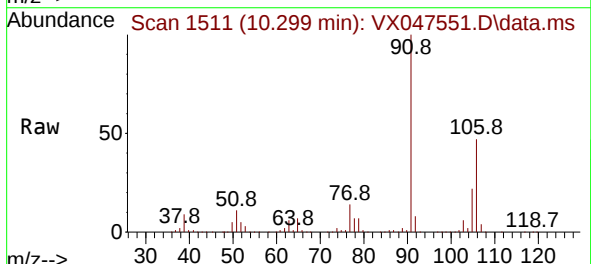
Acq: 28 Aug 2025 15:53

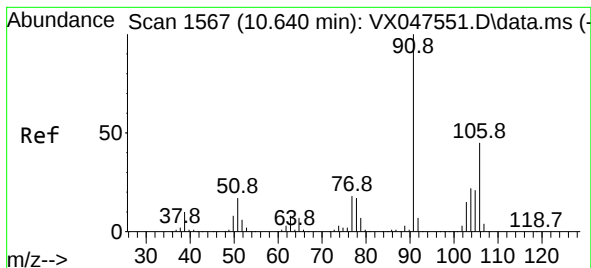
Tgt Ion:106 Resp: 530740

Ion Ratio Lower Upper

106 100

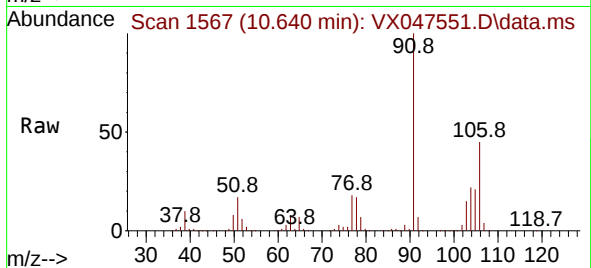
91 207.6 166.1 249.1





#69
o-Xylene
Concen: 51.449 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

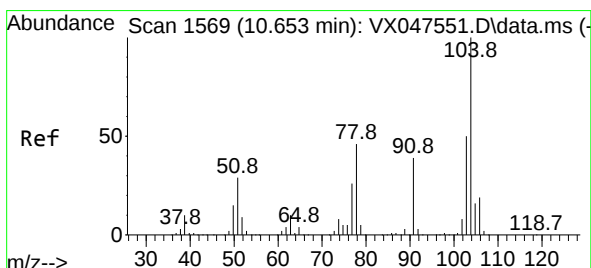
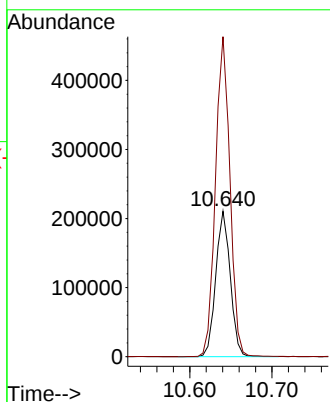
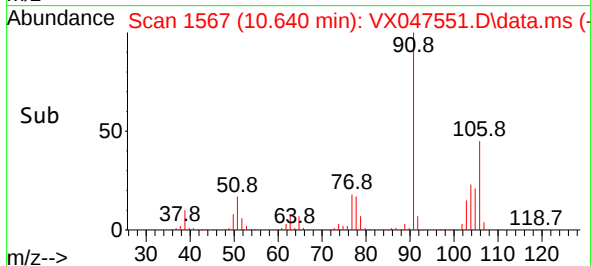
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:106 Resp: 25817
Ion Ratio Lower Upper
106 100
91 219.8 109.9 329.7

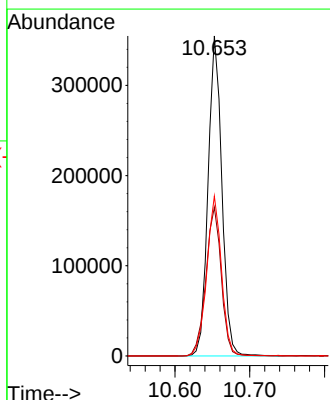
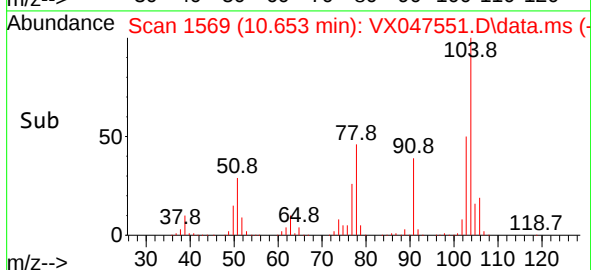
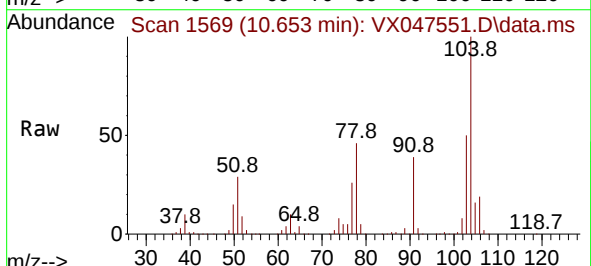
Manual Integrations
APPROVED

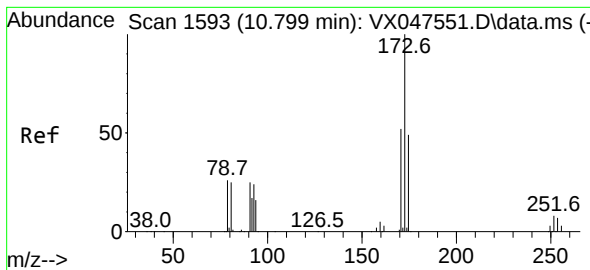
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#70
Styrene
Concen: 52.115 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

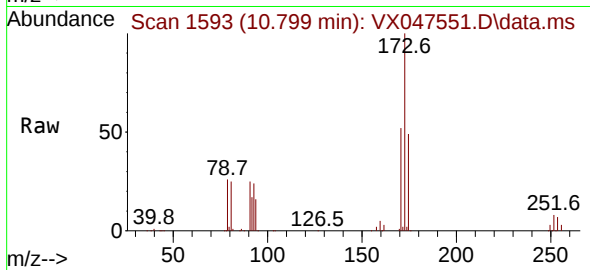
Tgt Ion:104 Resp: 453780
Ion Ratio Lower Upper
104 100
78 52.0 41.6 62.4
103 53.7 43.0 64.4





#71
Bromoform
Concen: 50.442 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

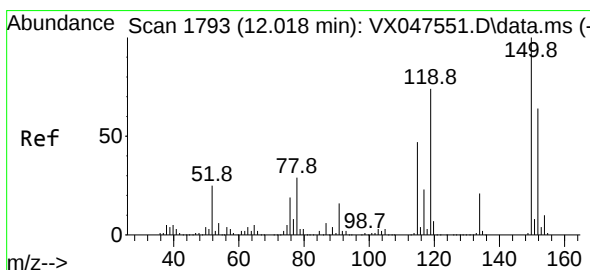
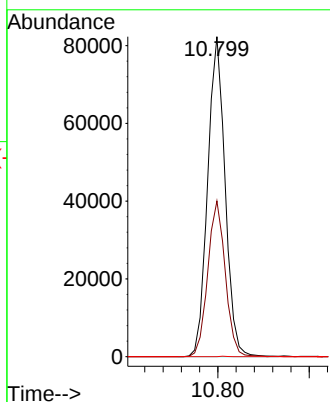
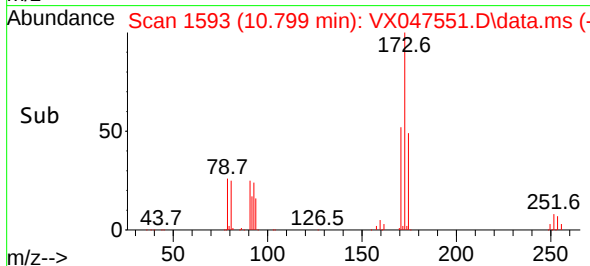
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



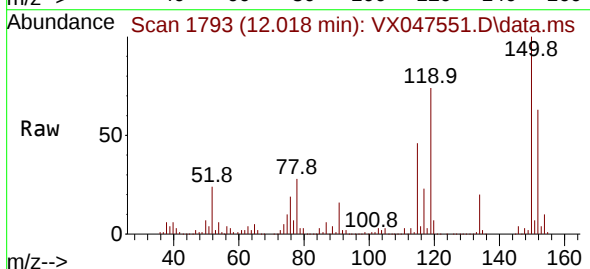
Tgt Ion:173 Resp: 108700
Ion Ratio Lower Upper
173 100
175 49.0 24.5 73.5
254 0.1 0.1 0.1

Manual Integrations
APPROVED

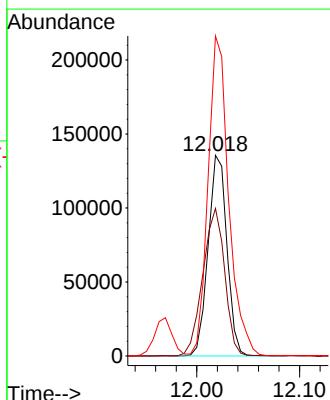
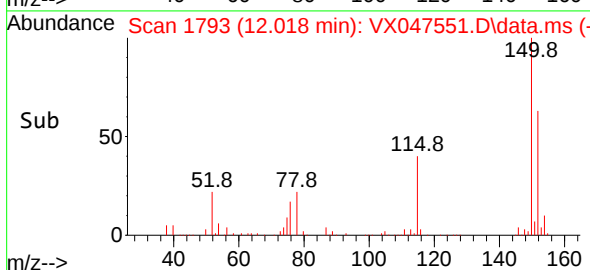
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025

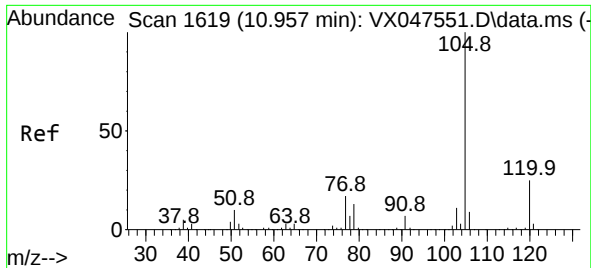


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53



Tgt Ion:152 Resp: 172198
Ion Ratio Lower Upper
152 100
115 85.7 42.9 128.5
150 175.5 0.0 351.0





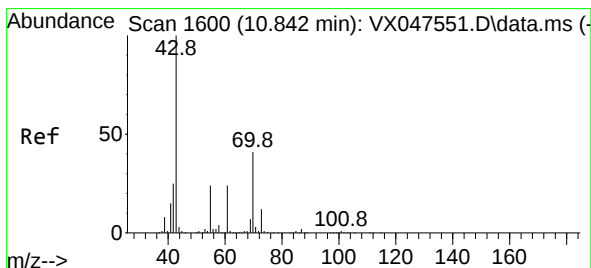
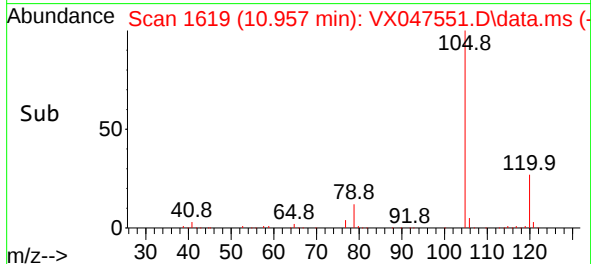
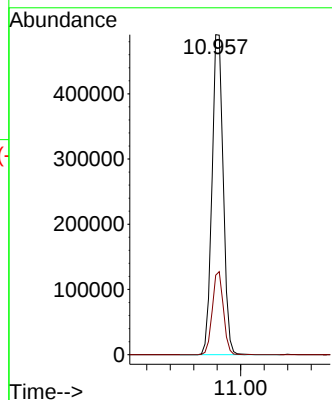
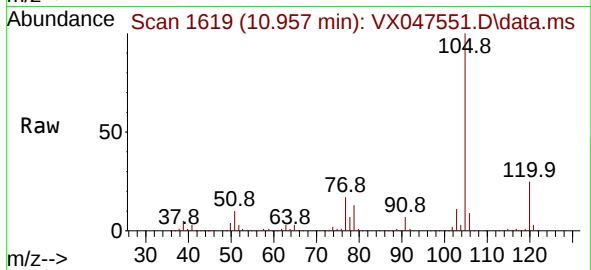
#73
Isopropylbenzene
Concen: 51.366 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 650862
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.4

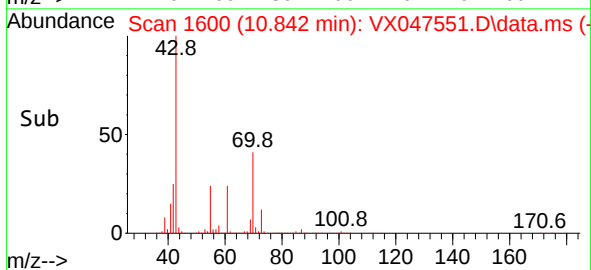
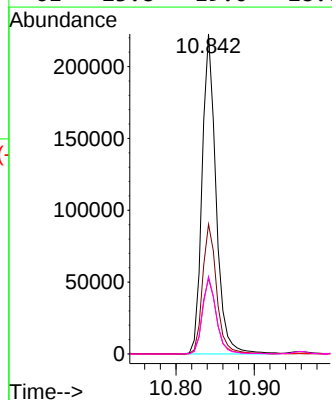
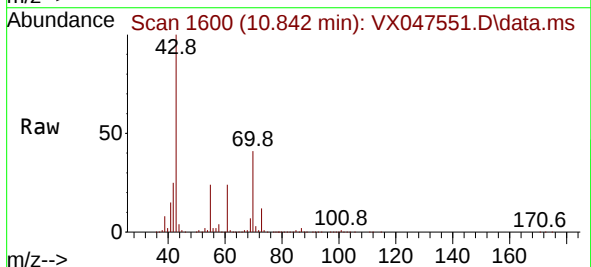
Manual Integrations
APPROVED

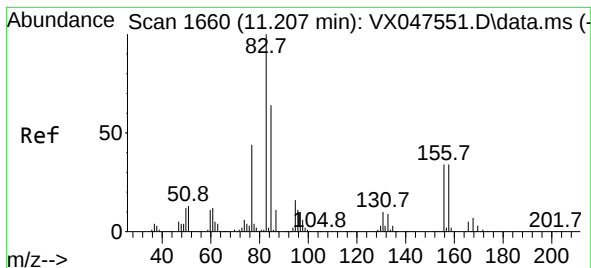
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#74
N-ethyl acetate
Concen: 52.695 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

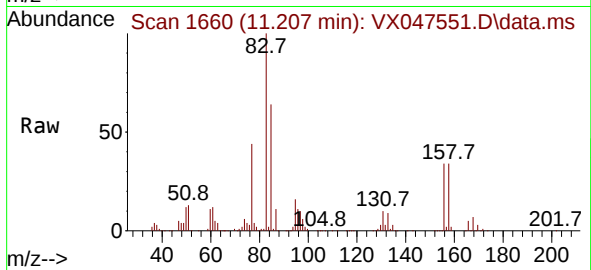
Tgt Ion: 43 Resp: 275729
Ion Ratio Lower Upper
43 100
70 41.1 32.9 49.3
55 24.0 19.2 28.8
61 23.8 19.0 28.6





#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.920 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. 0.000 min
 Lab File: VX047551.D
 Acq: 28 Aug 2025 15:53

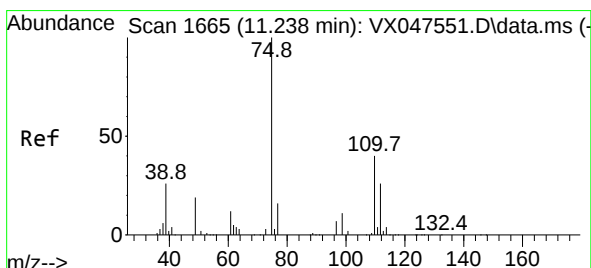
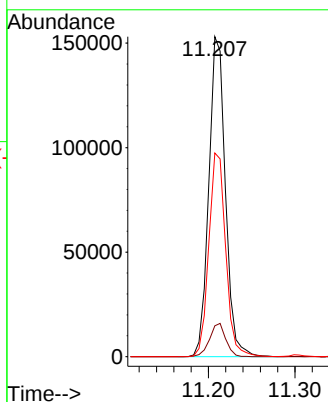
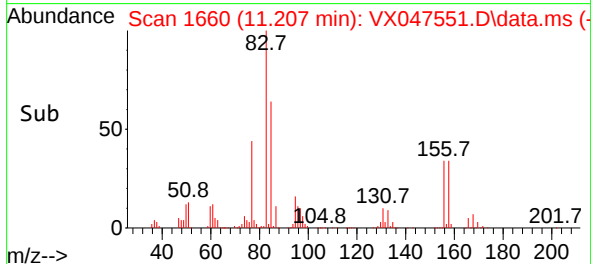
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 83 Resp: 203958
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.1 15.3
 85 64.7 32.4 97.0

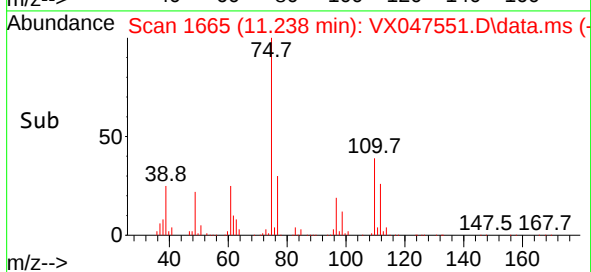
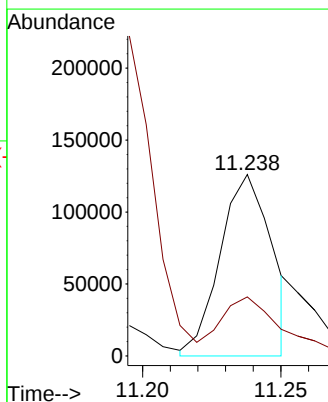
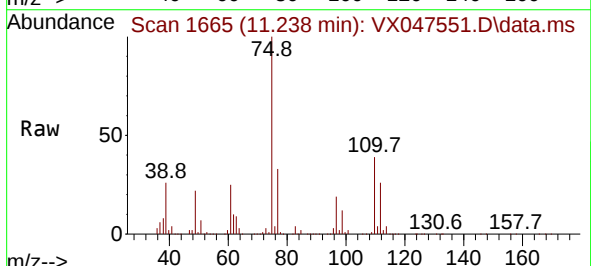
Manual Integrations
 APPROVED

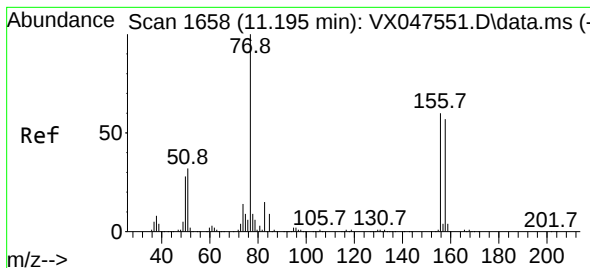
Reviewed By :John Carbone 08/29/2025
 Supervised By :Semsettin Yesilyurt 08/29/2025



#76
 1,2,3-Trichloropropane
 Concen: 51.941 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX047551.D
 Acq: 28 Aug 2025 15:53

Tgt Ion: 75 Resp: 163470
 Ion Ratio Lower Upper
 75 100
 77 39.4 19.7 59.1





#77

Bromobenzene

Concen: 52.217 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX047551.D

Acq: 28 Aug 2025 15:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:156 Resp: 16926

Ion Ratio Lower Upper

156 100

77 168.7 84.4 253.1

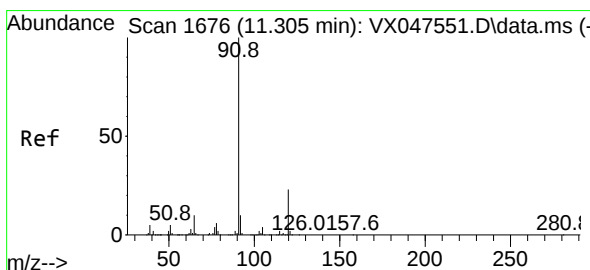
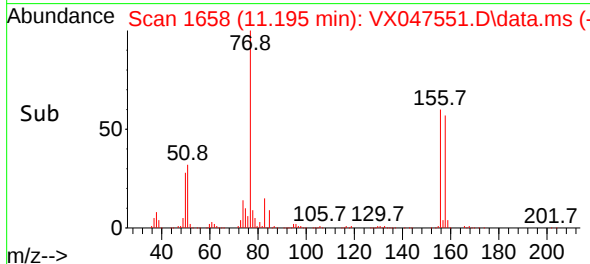
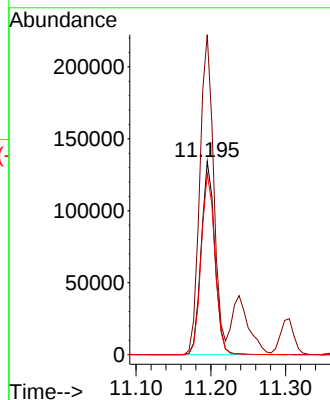
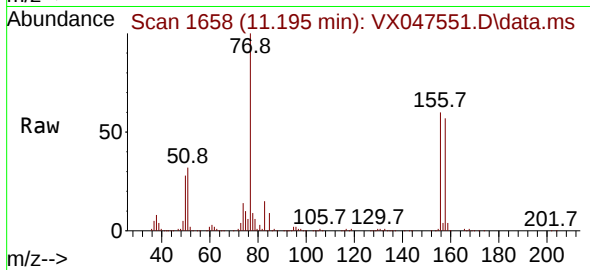
158 94.9 47.4 142.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2025

Supervised By :Semsettin Yesilyurt 08/29/2025



#78

n-propylbenzene

Concen: 51.403 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX047551.D

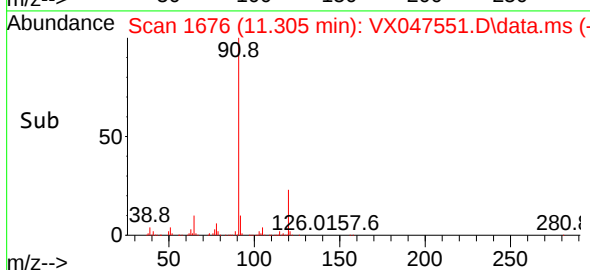
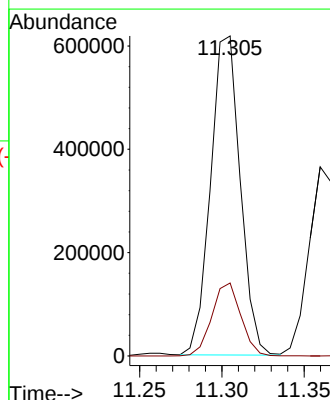
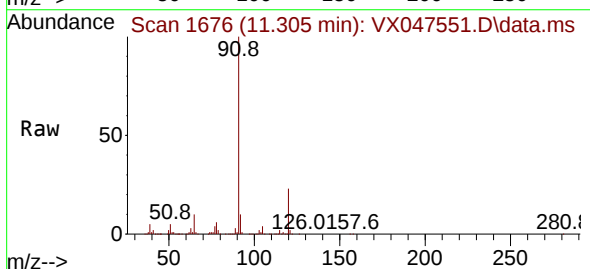
Acq: 28 Aug 2025 15:53

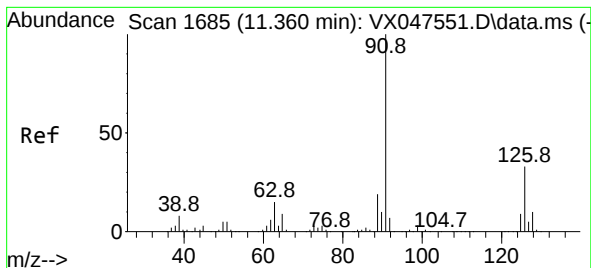
Tgt Ion: 91 Resp: 775459

Ion Ratio Lower Upper

91 100

120 22.4 11.2 33.6





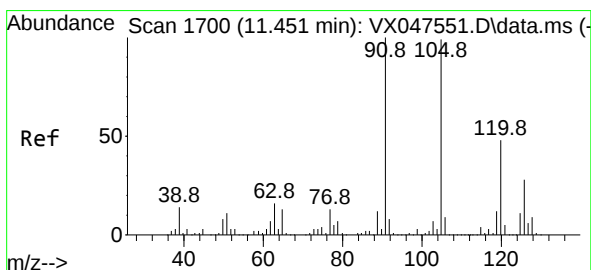
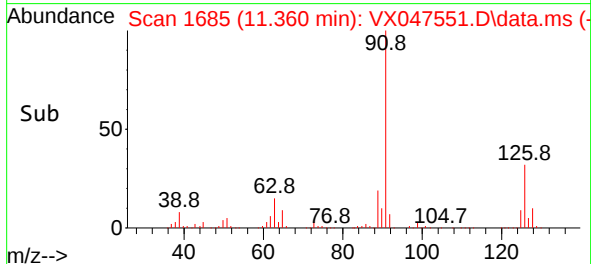
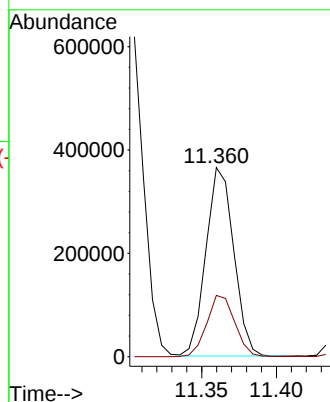
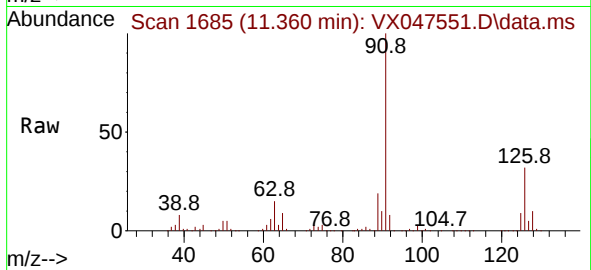
#79
2-Chlorotoluene
Concen: 50.494 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 47241
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.2

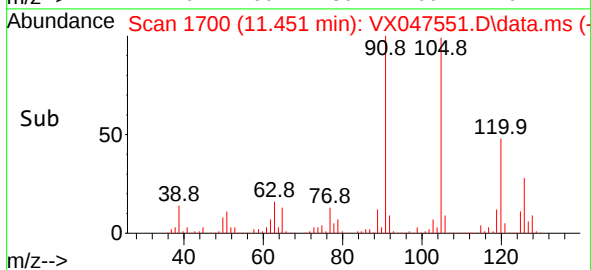
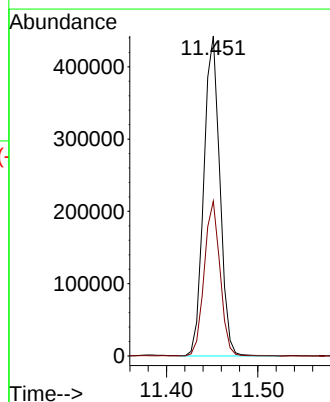
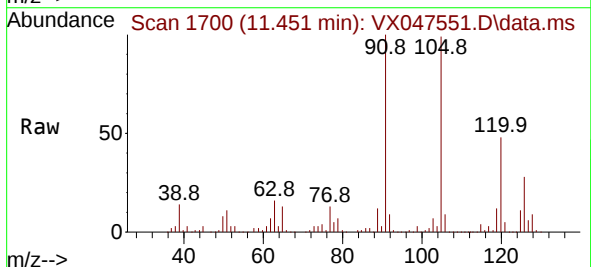
Manual Integrations
APPROVED

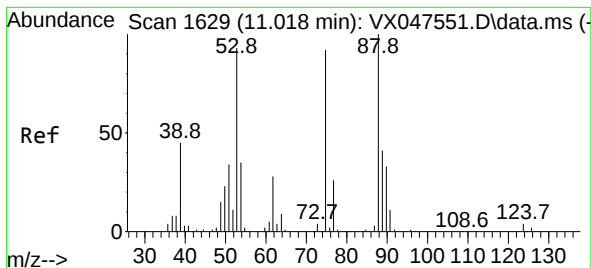
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#80
1,3,5-Trimethylbenzene
Concen: 51.996 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

Tgt Ion:105 Resp: 538692
Ion Ratio Lower Upper
105 100
120 47.7 23.8 71.5





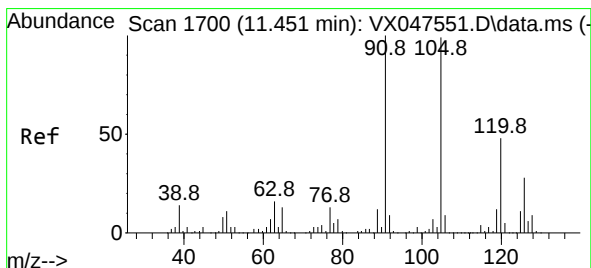
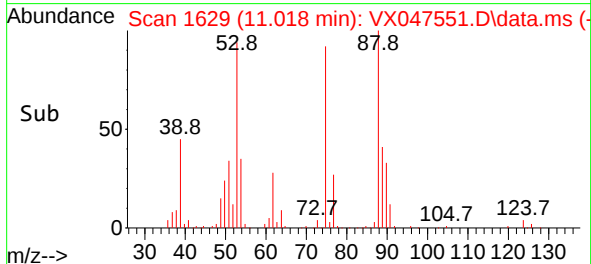
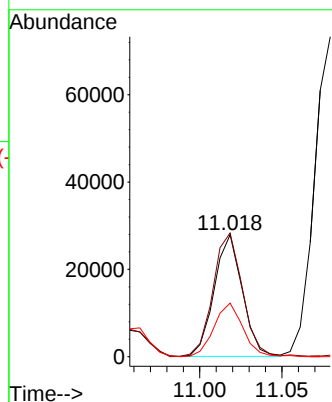
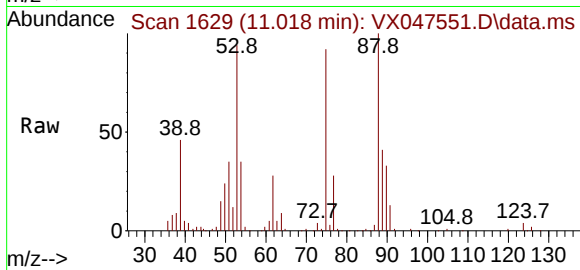
#81
trans-1,4-Dichloro-2-butene
Concen: 43.077 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 3317
Ion Ratio Lower Upper
75 100
53 107.1 85.7 128.5
89 45.5 36.4 54.6

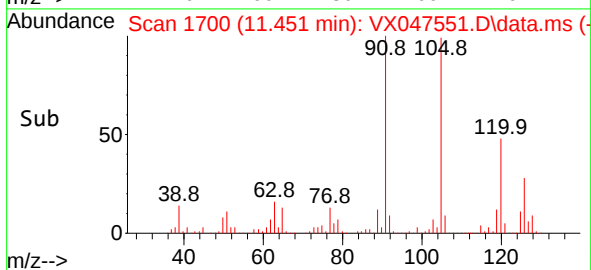
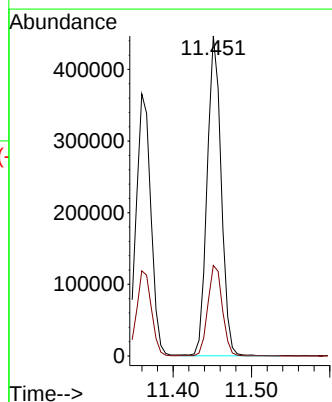
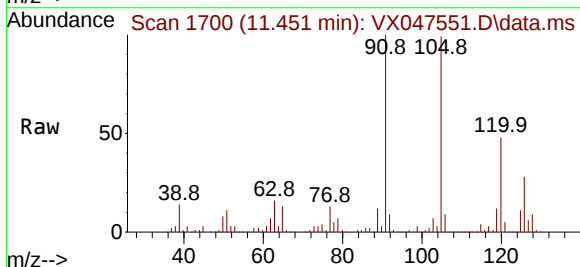
Manual Integrations
APPROVED

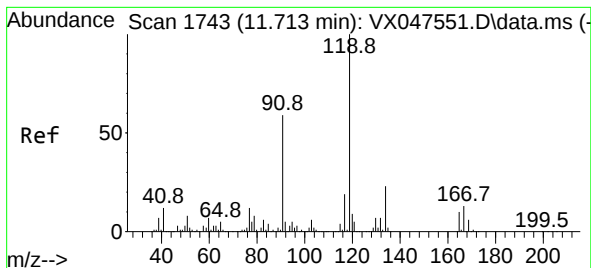
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#82
4-Chlorotoluene
Concen: 50.534 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

Tgt Ion: 91 Resp: 554746
Ion Ratio Lower Upper
91 100
126 29.2 14.6 43.8





#83

tert-Butylbenzene

Concen: 51.238 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX047551.D

Acq: 28 Aug 2025 15:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

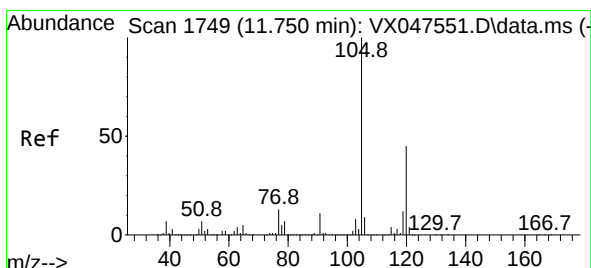
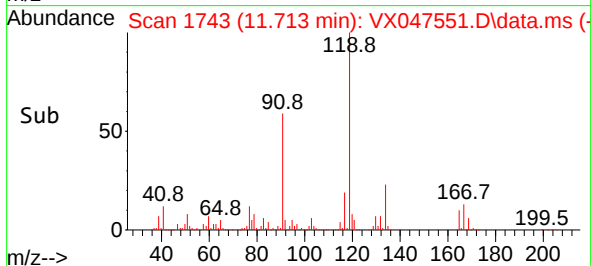
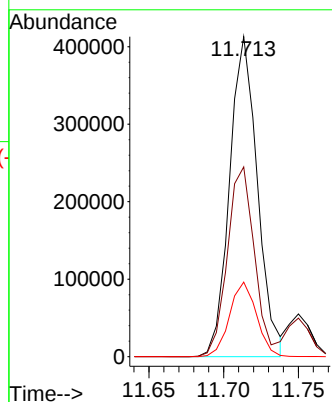
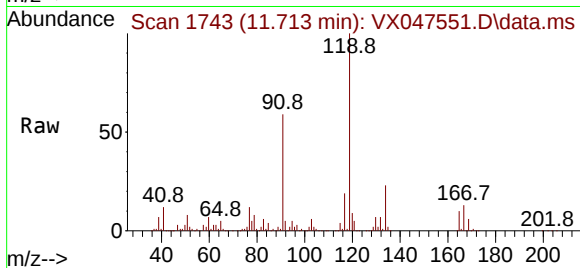
Tgt Ion:	119	Resp:	535124
Ion Ratio	Lower	Upper	
119	100		
91	57.0	28.5	85.5
134	22.6	11.3	33.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2025

Supervised By :Semsettin Yesilyurt 08/29/2025



#84

1,2,4-Trimethylbenzene

Concen: 52.130 ug/l

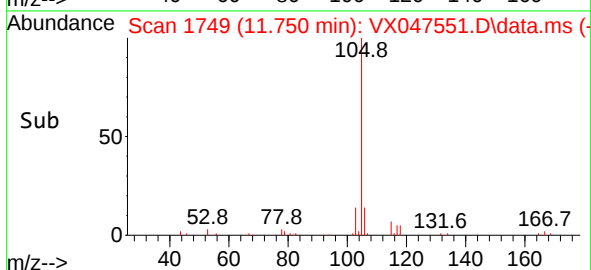
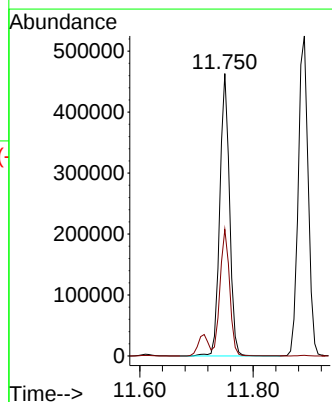
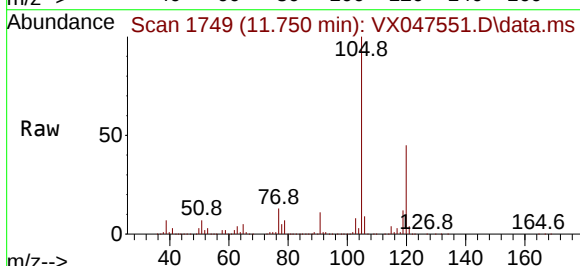
RT: 11.750 min Scan# 1749

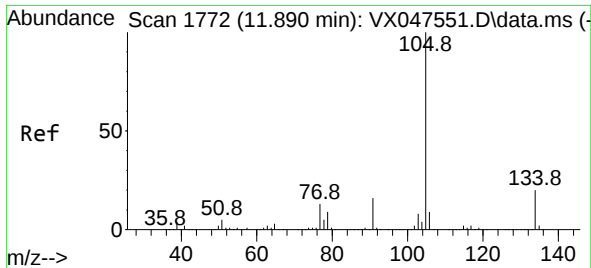
Delta R.T. 0.000 min

Lab File: VX047551.D

Acq: 28 Aug 2025 15:53

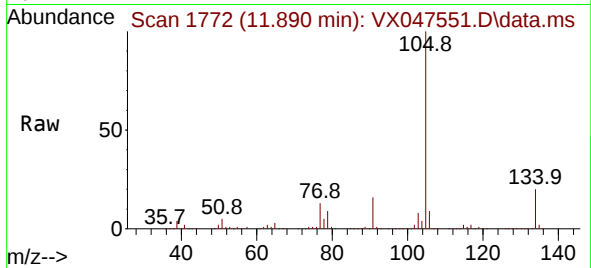
Tgt Ion:	105	Resp:	550519
Ion Ratio	Lower	Upper	
105	100		
120	44.5	22.3	66.8





#85
 sec-Butylbenzene
 Concen: 50.645 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047551.D
 Acq: 28 Aug 2025 15:53

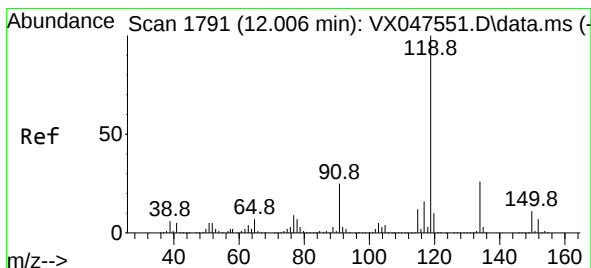
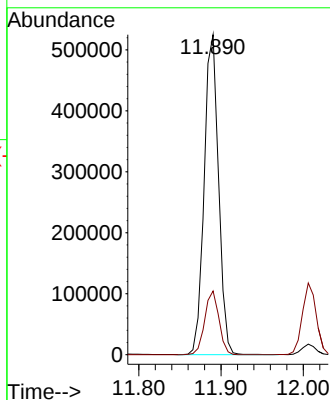
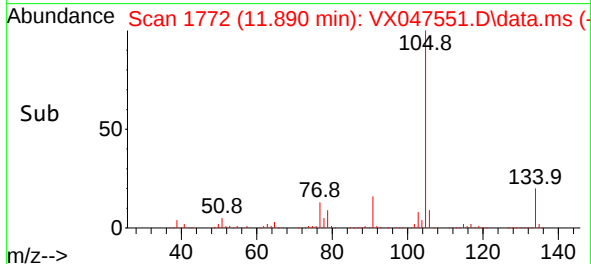
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



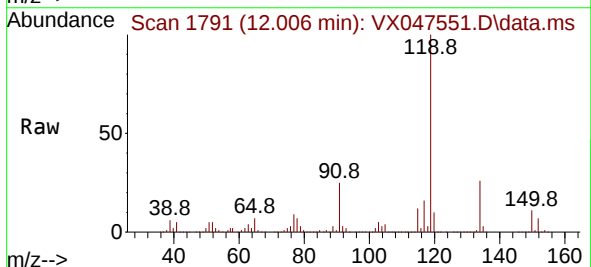
Tgt Ion:105 Resp: 63643
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5

Manual Integrations
 APPROVED

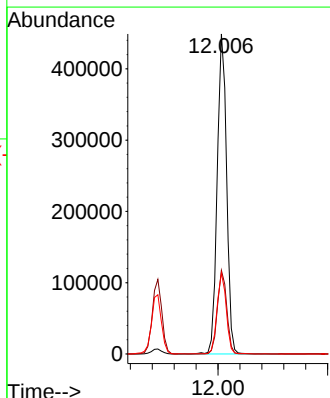
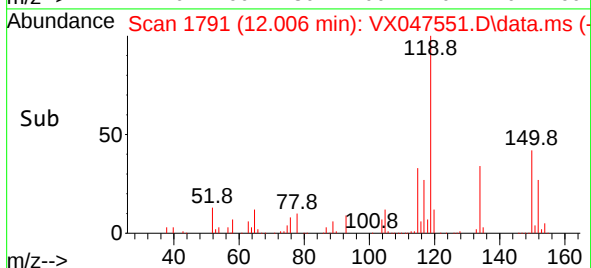
Reviewed By :John Carlone 08/29/2025
 Supervised By :Semsettin Yesilyurt 08/29/2025

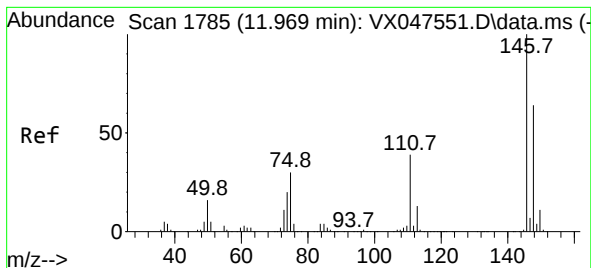


#86
 p-Isopropyltoluene
 Concen: 50.586 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047551.D
 Acq: 28 Aug 2025 15:53



Tgt Ion:119 Resp: 532871
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 38.9
 91 24.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 50.515 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX047551.D

Acq: 28 Aug 2025 15:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 30528

Ion Ratio Lower Upper

146 100

111 41.3 20.6 61.9

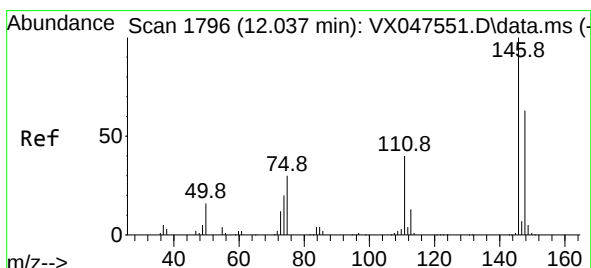
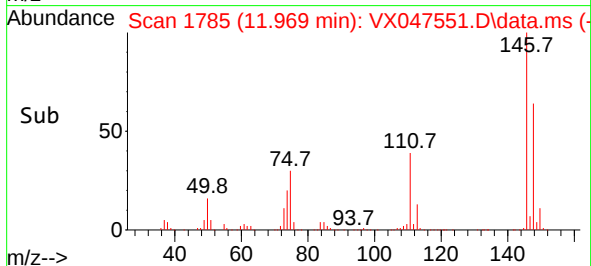
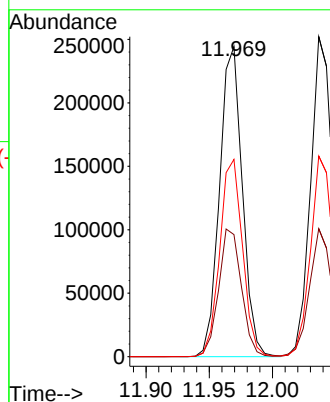
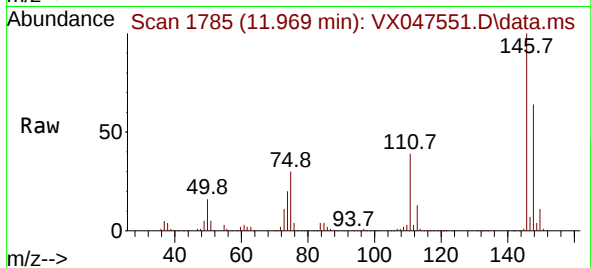
148 63.7 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2025

Supervised By :Semsettin Yesilyurt 08/29/2025



#88

1,4-Dichlorobenzene

Concen: 49.411 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047551.D

Acq: 28 Aug 2025 15:53

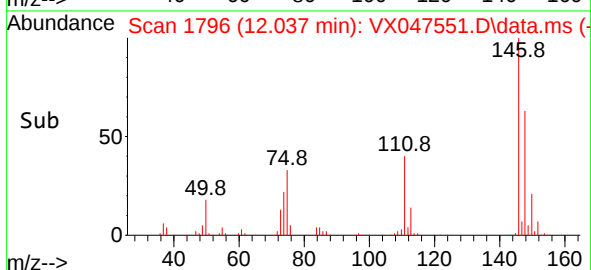
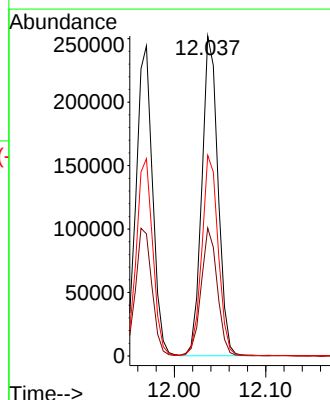
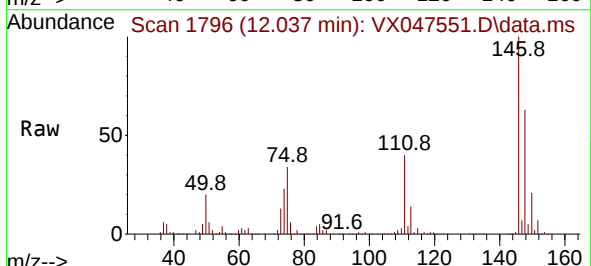
Tgt Ion:146 Resp: 308313

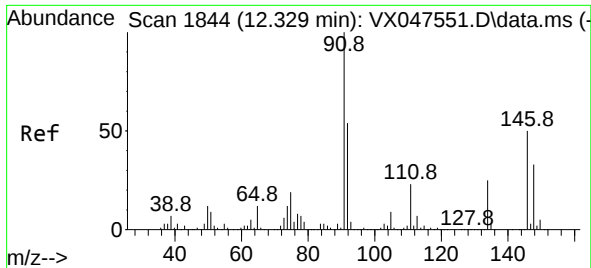
Ion Ratio Lower Upper

146 100

111 40.1 20.1 60.2

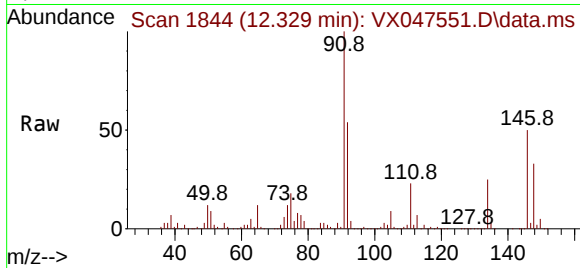
148 63.6 31.8 95.4





#89
n-Butylbenzene
Concen: 50.200 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

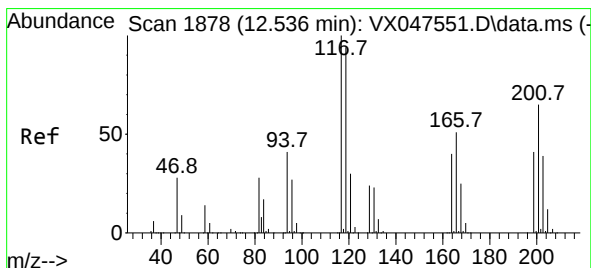
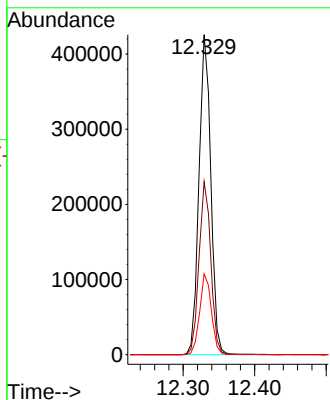
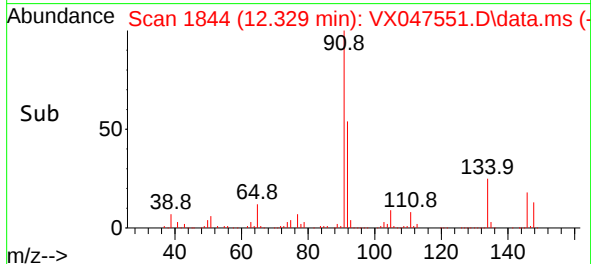
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 488060
Ion Ratio Lower Upper
91 100
92 54.0 27.0 81.0
134 25.1 12.6 37.6

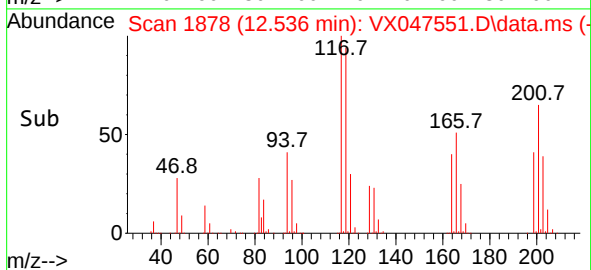
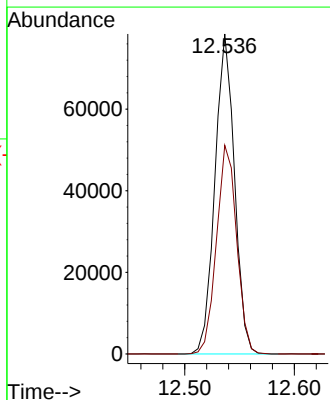
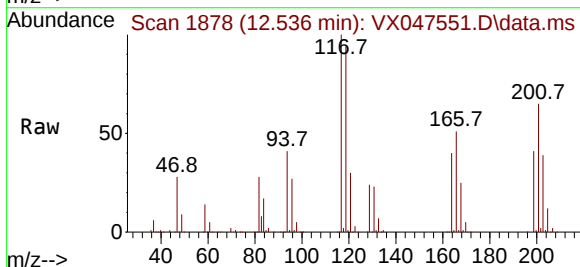
Manual Integrations
APPROVED

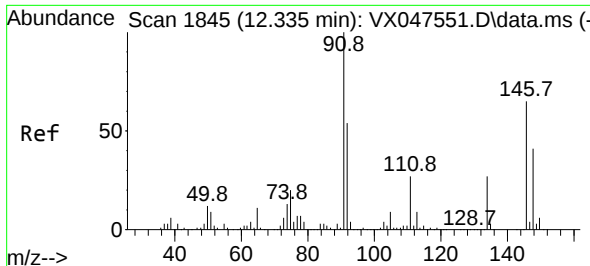
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#90
Hexachloroethane
Concen: 50.240 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

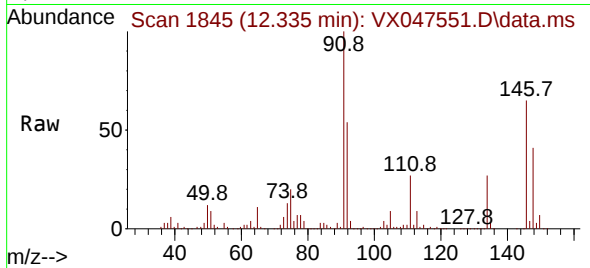
Tgt Ion:117 Resp: 97282
Ion Ratio Lower Upper
117 100
201 67.4 33.7 101.1





#91
1,2-Dichlorobenzene
Concen: 49.669 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

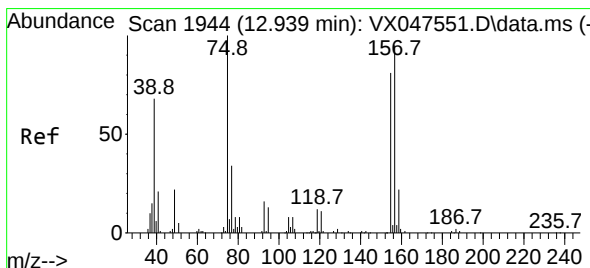
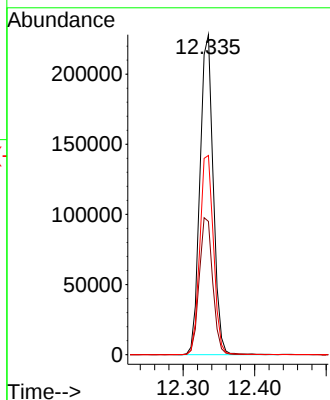
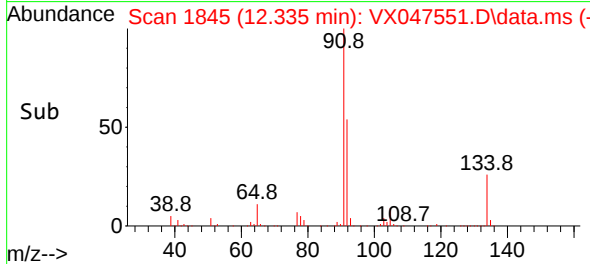
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:146 Resp: 294130
Ion Ratio Lower Upper
146 100
111 43.4 21.7 65.1
148 64.1 32.0 96.2

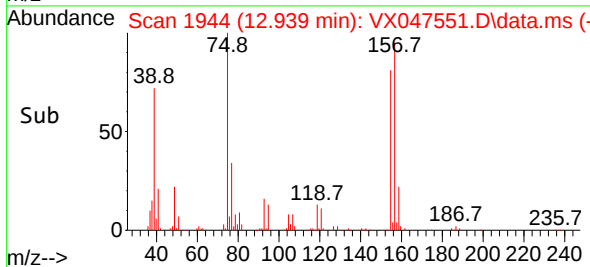
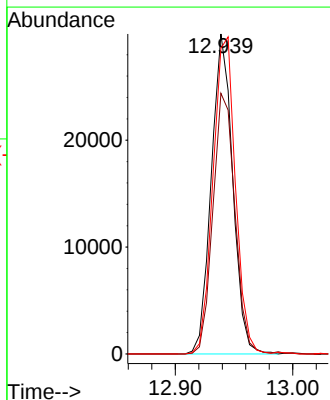
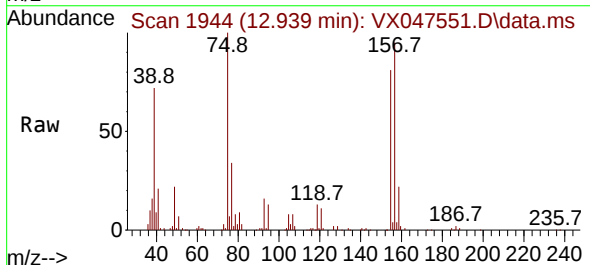
Manual Integrations
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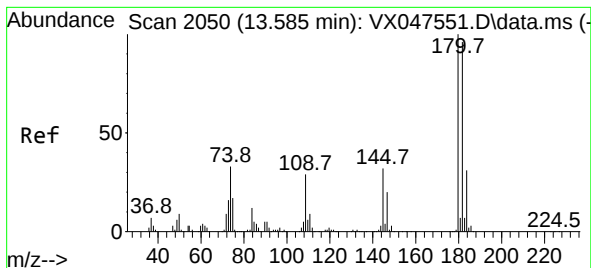
Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.300 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

Tgt Ion: 75 Resp: 37902
Ion Ratio Lower Upper
75 100
155 83.7 41.9 125.6
157 103.6 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 49.913 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047551.D

Acq: 28 Aug 2025 15:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:180 Resp: 180178

Ion Ratio Lower Upper

180 100

182 95.4 47.7 143.1

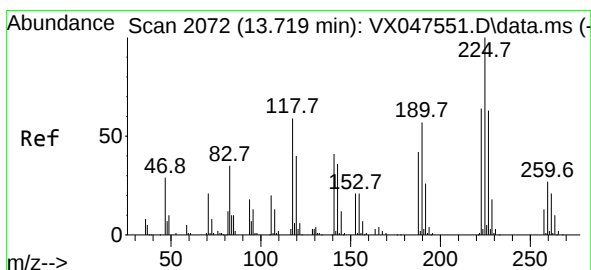
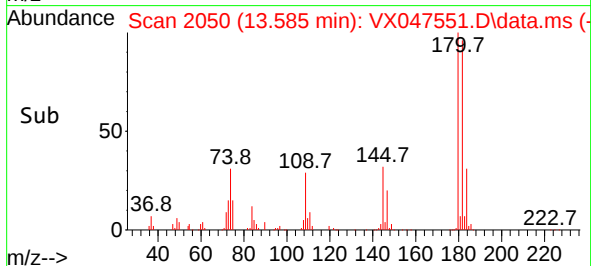
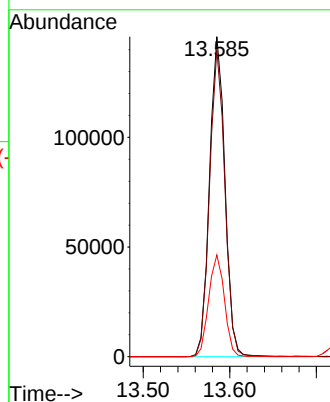
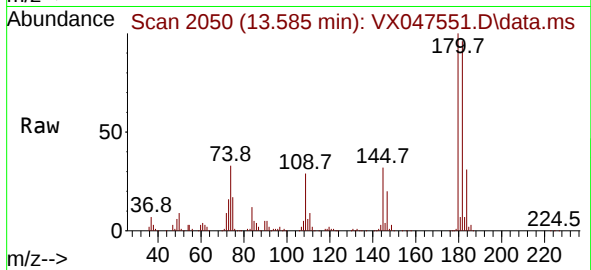
145 32.5 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2025

Supervised By :Semsettin Yesilyurt 08/29/2025



#94

Hexachlorobutadiene

Concen: 44.193 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. 0.000 min

Lab File: VX047551.D

Acq: 28 Aug 2025 15:53

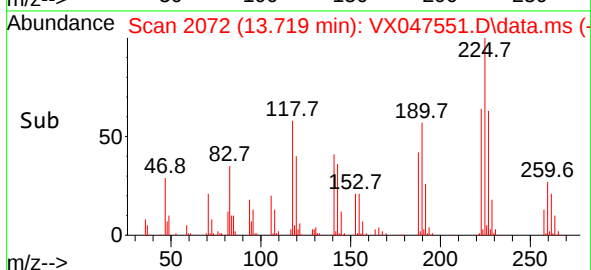
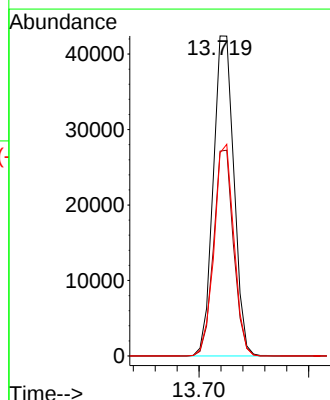
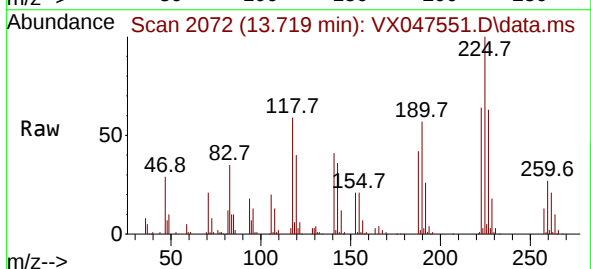
Tgt Ion:225 Resp: 55448

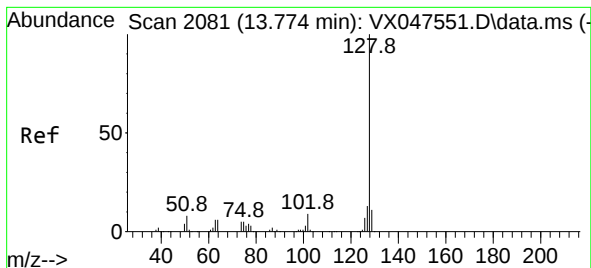
Ion Ratio Lower Upper

225 100

223 62.3 31.1 93.5

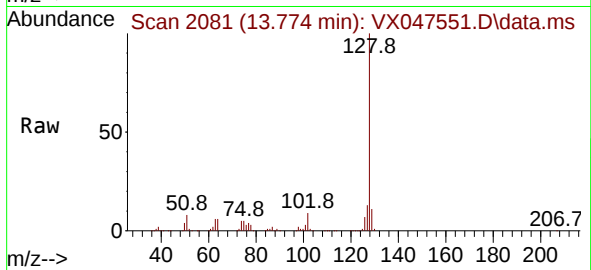
227 63.5 31.8 95.3





#95
Naphthalene
Concen: 52.629 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53

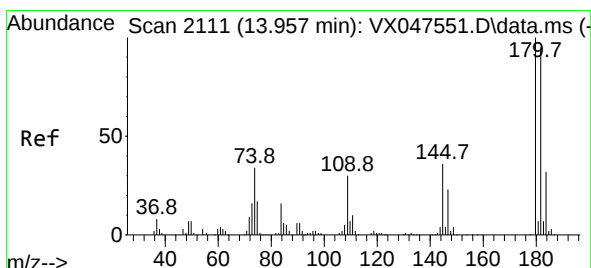
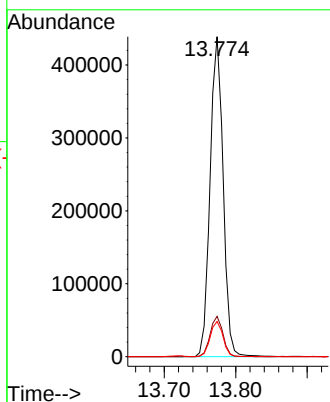
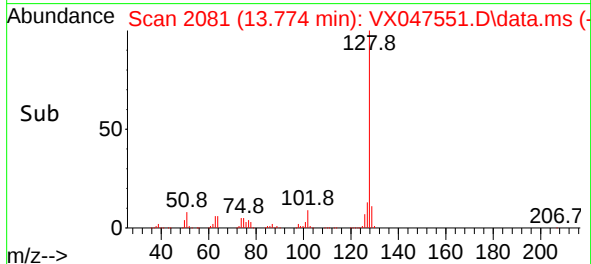
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



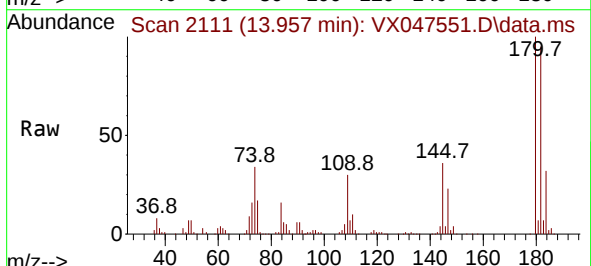
Tgt Ion:128 Resp: 55534
Ion Ratio Lower Upper
128 100
127 12.5 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/29/2025
Supervised By :Semsettin Yesilyurt 08/29/2025



#96
1,2,3-Trichlorobenzene
Concen: 49.498 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047551.D
Acq: 28 Aug 2025 15:53



Tgt Ion:180 Resp: 167836
Ion Ratio Lower Upper
180 100
182 96.3 48.1 144.4
145 35.3 17.6 52.9

