

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121625\
 Data File : VW032649.D
 Acq On : 16 Dec 2025 10:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 17 00:36:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 00:33:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	381649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	689276	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	626198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	290318	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	228230	41.687	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	83.380%
35) Dibromofluoromethane	7.898	113	189894	42.395	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	84.780%
50) Toluene-d8	10.325	98	721271	42.733	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	85.460%
62) 4-Bromofluorobenzene	12.617	95	262127	42.223	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	84.440%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.039	85	114578	51.593	ug/l	94
3) Chloromethane	2.247	50	201140	51.031	ug/l	97
4) Vinyl Chloride	2.399	62	277008	55.467	ug/l	99
5) Bromomethane	2.820	94	179717	55.069	ug/l	99
6) Chloroethane	2.966	64	183510	56.945	ug/l	95
7) Trichlorofluoromethane	3.301	101	242491	55.548	ug/l	91
8) Diethyl Ether	3.716	74	142894	51.675	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.106	101	244875	56.337	ug/l	98
10) Methyl Iodide	4.295	142	344818	56.165	ug/l	99
11) Tert butyl alcohol	5.216	59	77826	215.326	ug/l	96
12) 1,1-Dichloroethene	4.076	96	248737	54.480	ug/l	94
13) Acrolein	3.929	56	107907	208.936	ug/l	99
14) Allyl chloride	4.704	41	465558	56.081	ug/l	99
15) Acrylonitrile	5.399	53	379699	249.504	ug/l	100
16) Acetone	4.161	43	379002	201.547	ug/l	98
17) Carbon Disulfide	4.411	76	714790	55.667	ug/l	100
18) Methyl Acetate	4.698	43	183819	50.991	ug/l	99
19) Methyl tert-butyl Ether	5.454	73	498687	53.492	ug/l	97
20) Methylene Chloride	4.941	84	294969	58.481	ug/l	97
21) trans-1,2-Dichloroethene	5.460	96	273862	55.457	ug/l	95
22) Diisopropyl ether	6.331	45	933008	55.790	ug/l	99
23) Vinyl Acetate	6.277	43	3034422	273.230	ug/l	99
24) 1,1-Dichloroethane	6.240	63	536661	55.290	ug/l	99
25) 2-Butanone	7.191	43	499052	233.476	ug/l	100
26) 2,2-Dichloropropane	7.185	77	328818	56.591	ug/l	100
27) cis-1,2-Dichloroethene	7.185	96	315775	54.703	ug/l	98
28) Bromochloromethane	7.532	49	215509	58.672	ug/l	98
29) Tetrahydrofuran	7.551	42	319664	248.306	ug/l	100
30) Chloroform	7.691	83	535998	55.482	ug/l	98
31) Cyclohexane	7.965	56	484767	53.873	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	413767	56.236	ug/l	100
36) 1,1-Dichloropropene	8.093	75	386820	55.764	ug/l	100
37) Ethyl Acetate	7.270	43	227349	49.352	ug/l	99
38) Carbon Tetrachloride	8.075	117	365730	55.697	ug/l	94
39) Methylcyclohexane	9.337	83	498283	57.360	ug/l	95
40) Benzene	8.331	78	1140981	54.759	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	134532	52.682	ug/l	94
42) 1,2-Dichloroethane	8.410	62	349211	52.965	ug/l	99
43) Isopropyl Acetate	8.435	43	410359	51.168	ug/l	100
44) Trichloroethene	9.099	130	265893	55.174	ug/l	90
45) 1,2-Dichloropropane	9.374	63	294192	55.362	ug/l	98
46) Dibromomethane	9.459	93	163869	53.605	ug/l	98
47) Bromodichloromethane	9.648	83	395570	54.903	ug/l	98
48) Methyl methacrylate	9.441	41	207411	53.718	ug/l	94
49) 1,4-Dioxane	9.471	88	37649	970.685	ug/l #	99
51) 4-Methyl-2-Pentanone	10.209	43	1142254	253.594	ug/l	99
52) Toluene	10.386	92	725322	56.531	ug/l	98
53) t-1,3-Dichloropropene	10.605	75	390632	55.725	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	453092	55.576	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	221630	53.474	ug/l	98
56) Ethyl methacrylate	10.648	69	316606	55.008	ug/l	99
57) 1,3-Dichloropropane	10.934	76	393021	53.530	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	654132	225.227	ug/l	100
59) 2-Hexanone	10.965	43	795113	245.040	ug/l	100
60) Dibromochloromethane	11.129	129	262655	57.189	ug/l	95
61) 1,2-Dibromoethane	11.233	107	207916	52.627	ug/l	95
64) Tetrachloroethene	10.867	164	210229	52.626	ug/l #	87
65) Chlorobenzene	11.654	112	788292	55.390	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.733	131	244274	56.070	ug/l	96
67) Ethyl Benzene	11.733	91	1403367	57.693	ug/l	97
68) m/p-Xylenes	11.836	106	1049128	113.081	ug/l	100
69) o-Xylene	12.166	106	481259	56.780	ug/l	95
70) Styrene	12.178	104	862421	58.398	ug/l	99
71) Bromoform	12.349	173	130302	53.533	ug/l #	99
73) Isopropylbenzene	12.464	105	1279748	58.584	ug/l	99
74) N-amyl acetate	12.269	43	370936	51.976	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.708	83	265183	51.077	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	344286	51.918	ug/l	36
77) Bromobenzene	12.745	156	282491	56.123	ug/l	94
78) n-propylbenzene	12.800	91	1606163	58.030	ug/l	100
79) 2-Chlorotoluene	12.891	91	931598	56.505	ug/l	97
80) 1,3,5-Trimethylbenzene	12.940	105	1042607	57.250	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.513	75	90732	53.581	ug/l	96
82) 4-Chlorotoluene	12.989	91	981935	56.086	ug/l	100
83) tert-Butylbenzene	13.202	119	913381	58.438	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	1058027	57.180	ug/l	99
85) sec-Butylbenzene	13.379	105	1383294	58.009	ug/l	100
86) p-Isopropyltoluene	13.495	119	1137438	58.251	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	561896	55.466	ug/l	99
88) 1,4-Dichlorobenzene	13.580	146	562619	55.283	ug/l	97
89) n-Butylbenzene	13.818	91	1153513	58.743	ug/l	98
90) Hexachloroethane	14.092	117	199238	54.289	ug/l	95
91) 1,2-Dichlorobenzene	13.867	146	501221	54.653	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.482	75	44701	50.033	ug/l	98
93) 1,2,4-Trichlorobenzene	15.129	180	289422	53.314	ug/l	95
94) Hexachlorobutadiene	15.226	225	140859	55.525	ug/l	96
95) Naphthalene	15.360	128	689922	54.062	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	276078	56.606	ug/l	95

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ClientSampleId :
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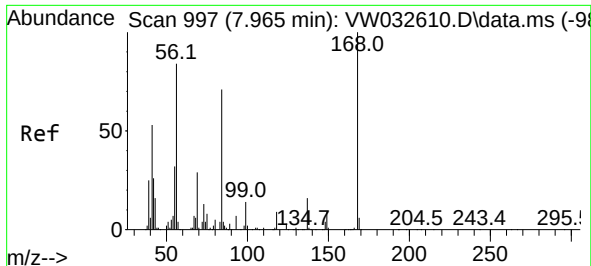
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QLast Update : Wed Dec 17 00:33:11 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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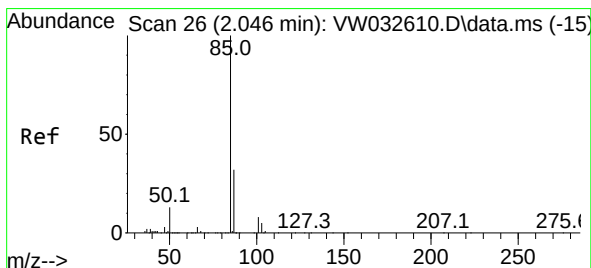
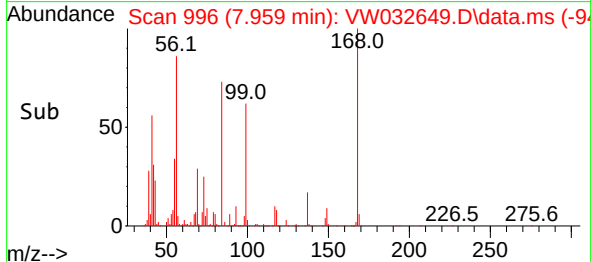
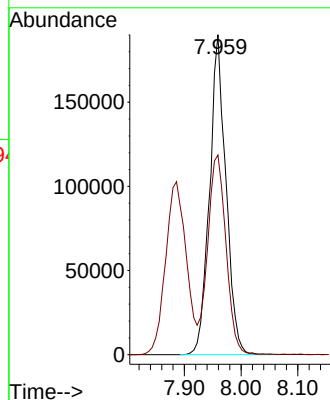
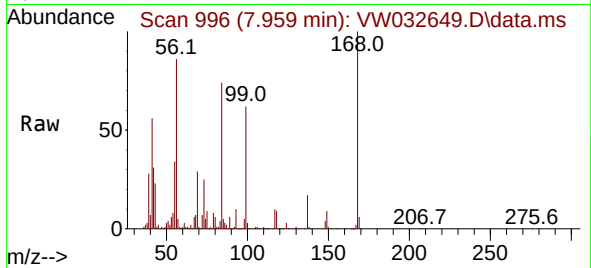




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW032649.D
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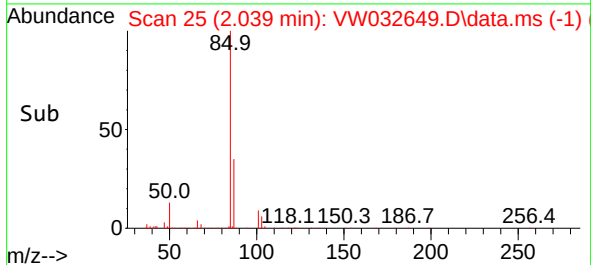
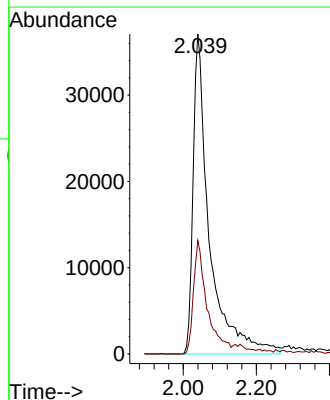
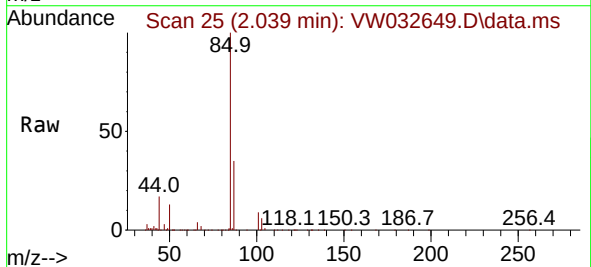
Instrument :
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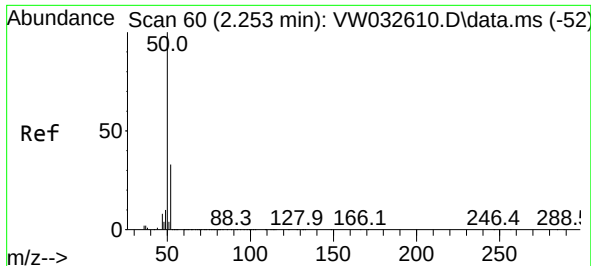
Tgt Ion:168 Resp: 381649
Ion Ratio Lower Upper
168 100
99 62.3 47.8 71.8



#2
Dichlorodifluoromethane
Concen: 51.593 ug/l
RT: 2.039 min Scan# 25
Delta R.T. -0.006 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

Tgt Ion: 85 Resp: 114578
Ion Ratio Lower Upper
85 100
87 35.3 16.1 48.3

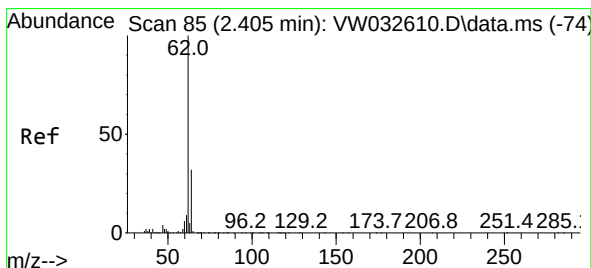
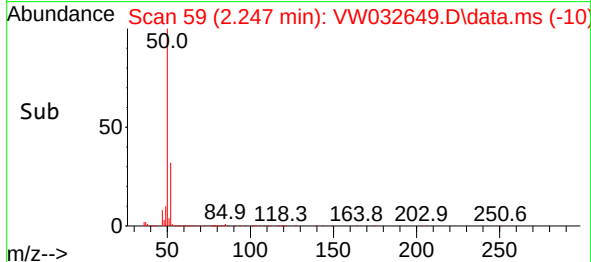
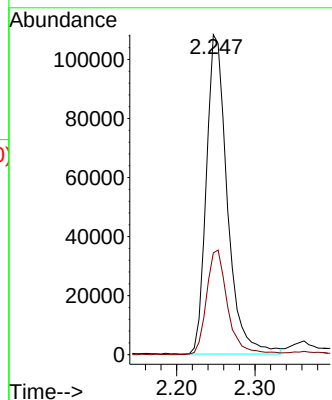
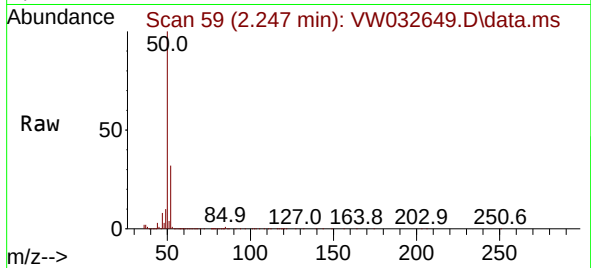




#3
Chloromethane
Concen: 51.031 ug/l
RT: 2.247 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

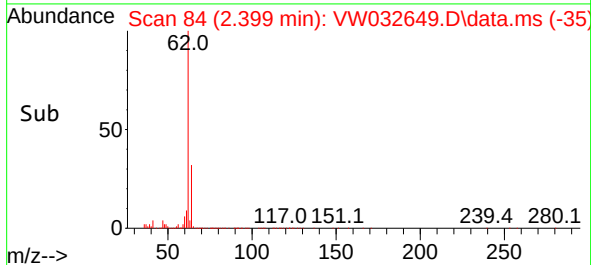
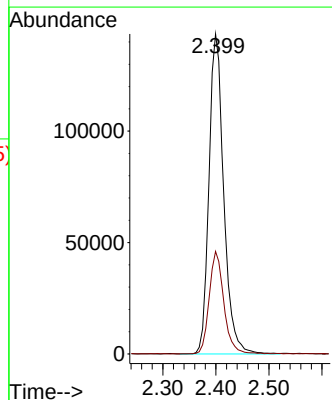
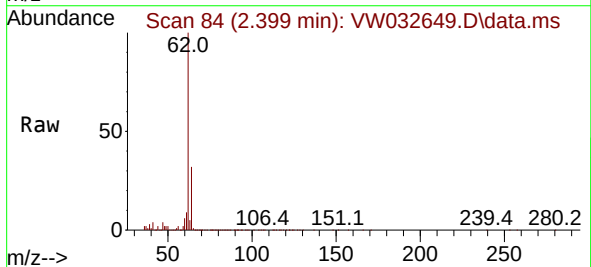
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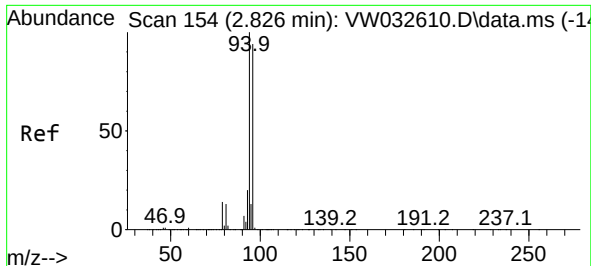
Tgt Ion: 50 Resp: 201140
Ion Ratio Lower Upper
50 100
52 31.8 26.6 40.0



#4
Vinyl Chloride
Concen: 55.467 ug/l
RT: 2.399 min Scan# 84
Delta R.T. -0.000 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

Tgt Ion: 62 Resp: 277008
Ion Ratio Lower Upper
62 100
64 32.0 25.3 37.9

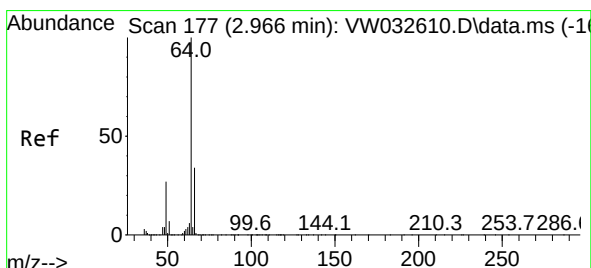
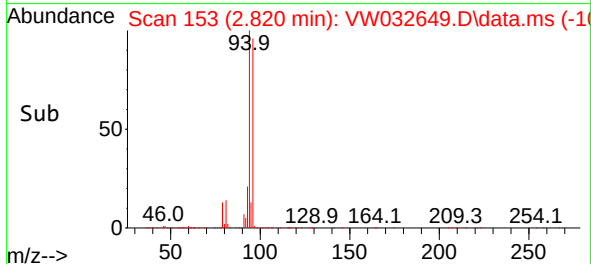
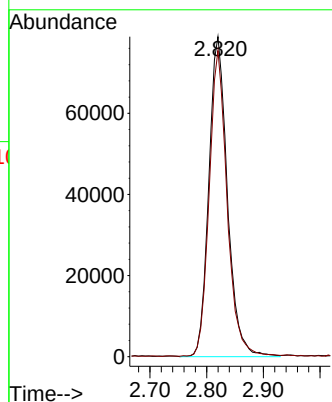
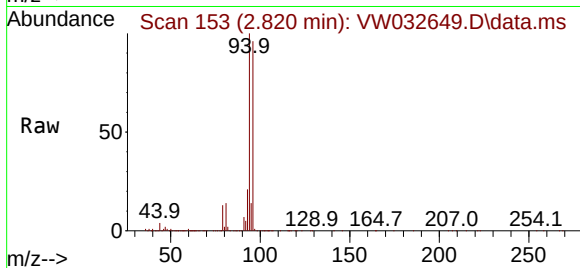




#5
Bromomethane
Concen: 55.069 ug/l
RT: 2.820 min Scan# 154
Delta R.T. 0.006 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

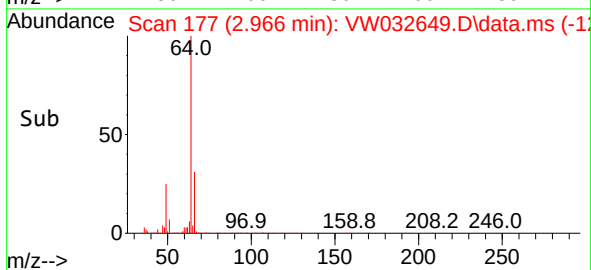
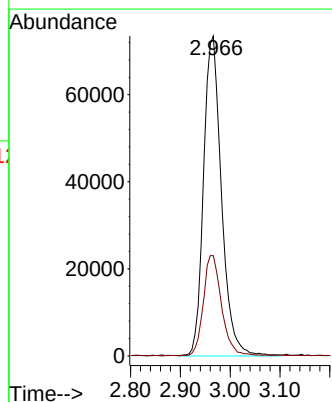
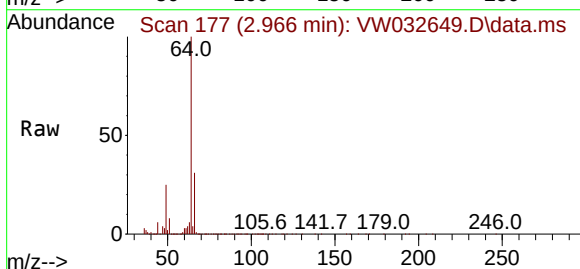
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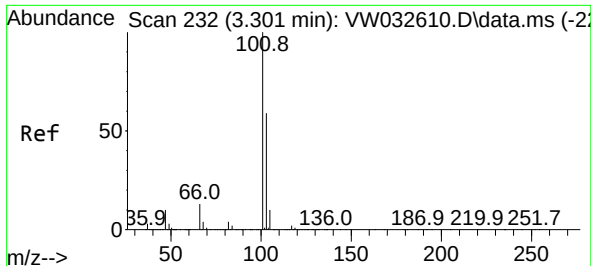
Tgt Ion: 94 Resp: 179717
Ion Ratio Lower Upper
94 100
96 95.5 75.4 113.2



#6
Chloroethane
Concen: 56.945 ug/l
RT: 2.966 min Scan# 177
Delta R.T. 0.006 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

Tgt Ion: 64 Resp: 183510
Ion Ratio Lower Upper
64 100
66 31.1 27.3 40.9

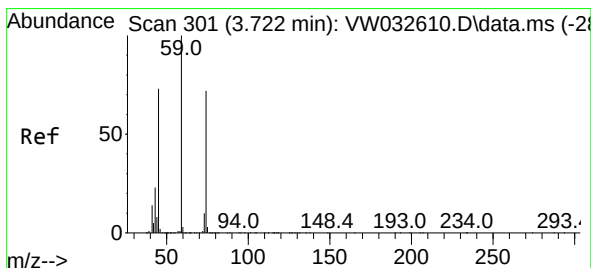
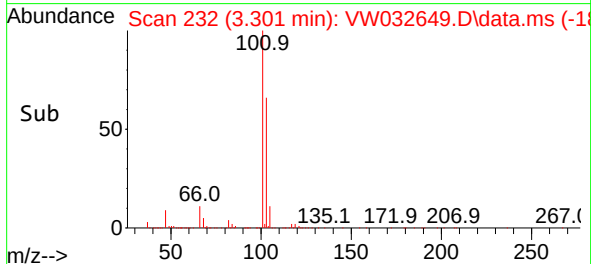
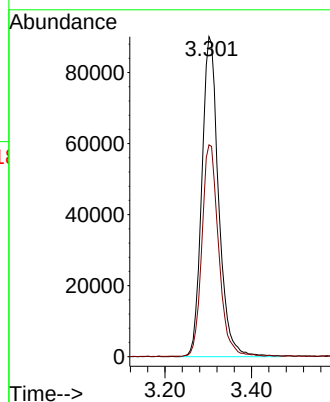
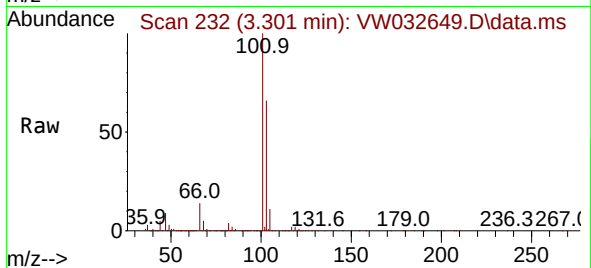




#7
 Trichlorofluoromethane
 Concen: 55.548 ug/l
 RT: 3.301 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW032649.D
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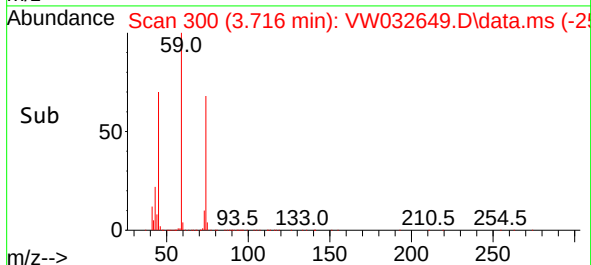
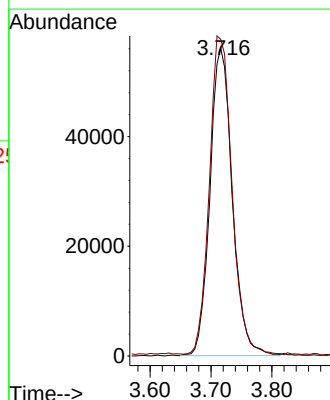
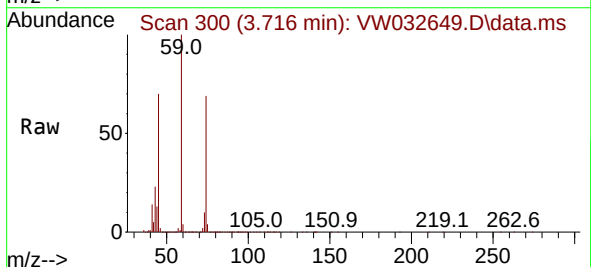
Instrument :
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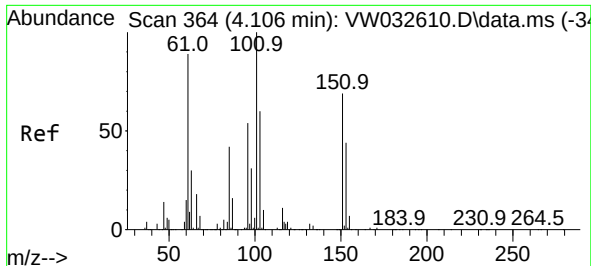
Tgt Ion:101 Resp: 242491
 Ion Ratio Lower Upper
 101 100
 103 66.0 47.3 70.9



#8
 Diethyl Ether
 Concen: 51.675 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.000 min
 Lab File: VW032649.D
 Acq: 16 Dec 2025 10:52

Tgt Ion: 74 Resp: 142894
 Ion Ratio Lower Upper
 74 100
 45 104.8 52.4 157.2

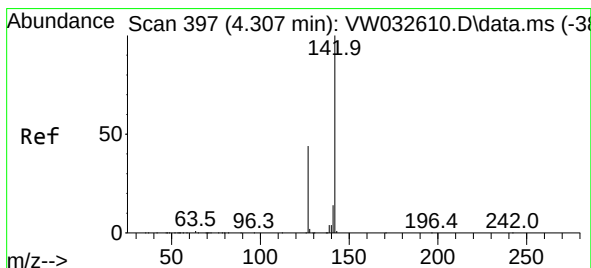
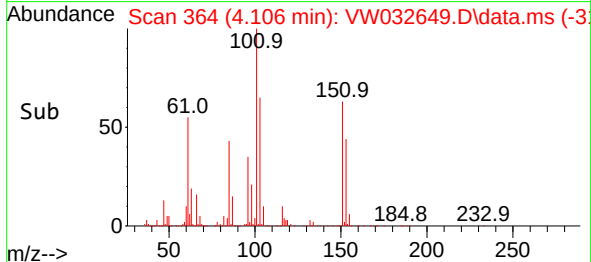
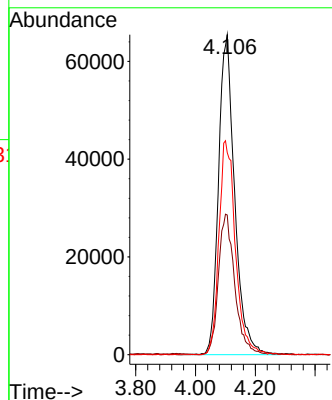
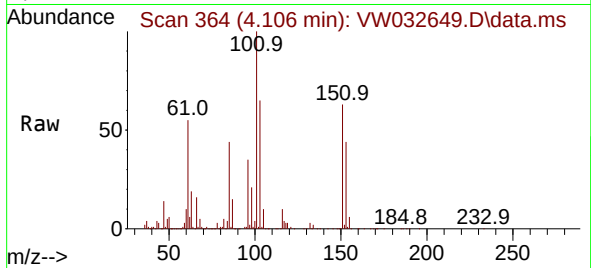




#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.337 ug/l
RT: 4.106 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW032649.D
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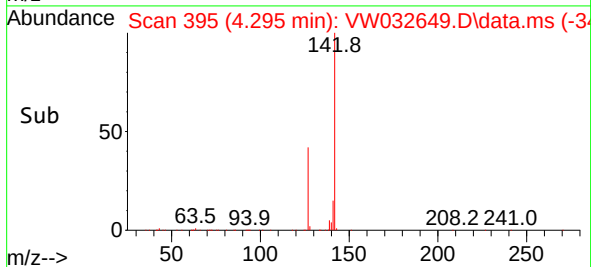
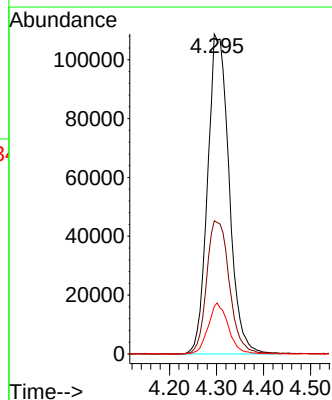
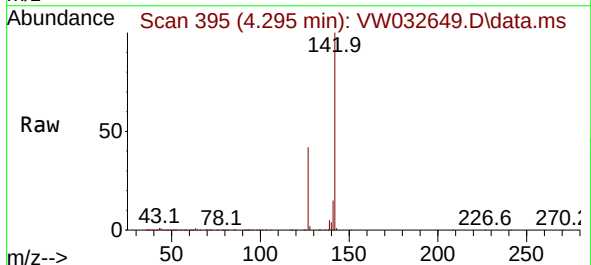
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

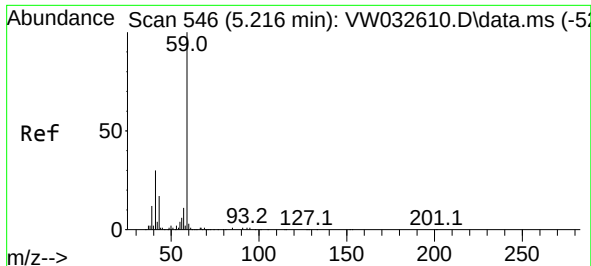
Tgt Ion:101 Resp: 244875
Ion Ratio Lower Upper
101 100
85 44.5 35.4 53.2
151 68.1 56.7 85.1



#10
Methyl Iodide
Concen: 56.165 ug/l
RT: 4.295 min Scan# 395
Delta R.T. -0.006 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

Tgt Ion:142 Resp: 344818
Ion Ratio Lower Upper
142 100
127 44.0 36.0 54.0
141 15.1 11.6 17.4

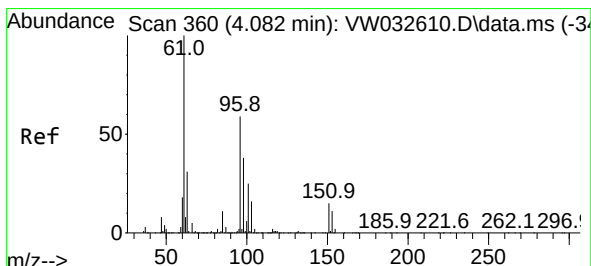
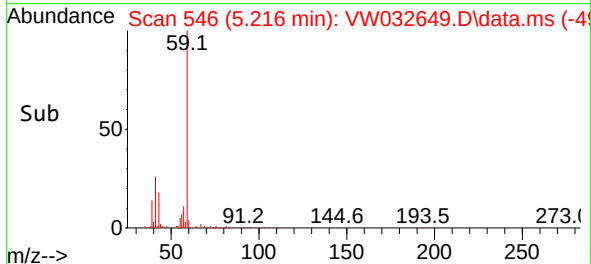
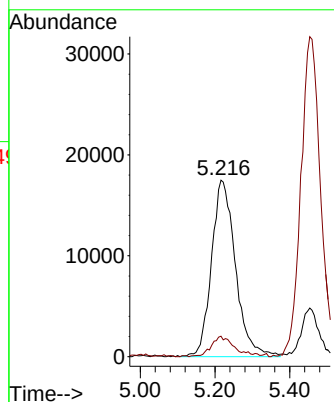
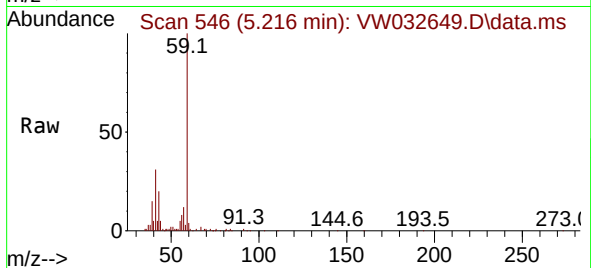




#11
Tert butyl alcohol
Concen: 215.326 ug/l
RT: 5.216 min Scan# 546
Delta R.T. 0.006 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

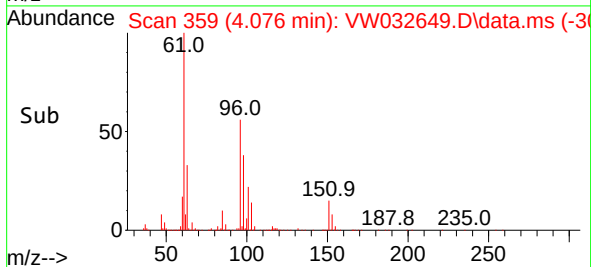
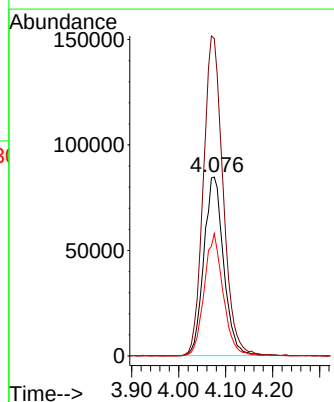
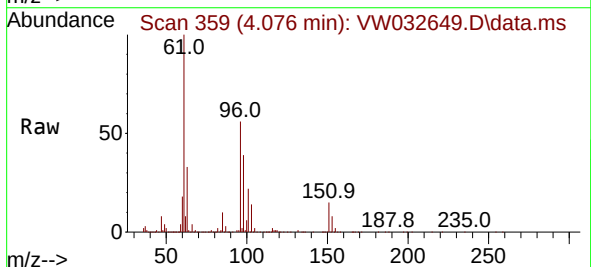
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

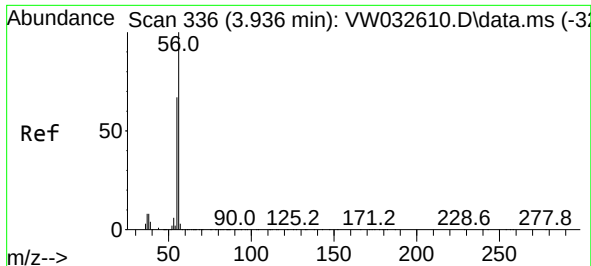
Tgt Ion: 59 Resp: 77826
Ion Ratio Lower Upper
59 100
57 10.0 9.4 14.0



#12
1,1-Dichloroethene
Concen: 54.480 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.006 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

Tgt Ion: 96 Resp: 248737
Ion Ratio Lower Upper
96 100
61 177.5 134.6 202.0
98 68.4 51.1 76.7

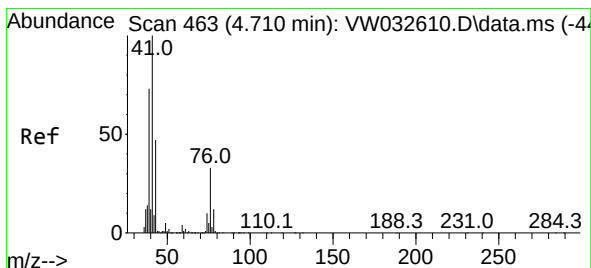
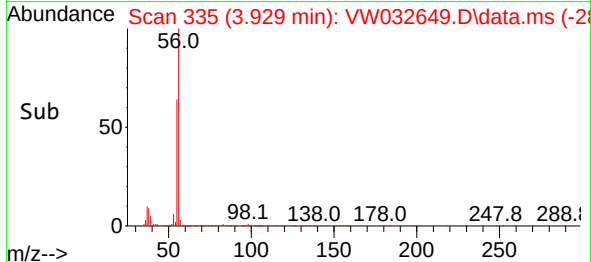
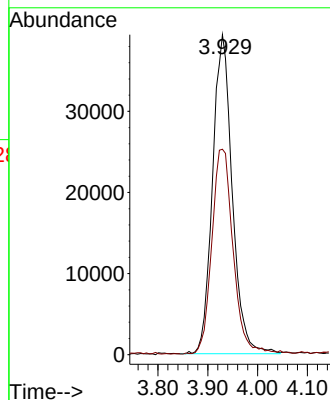
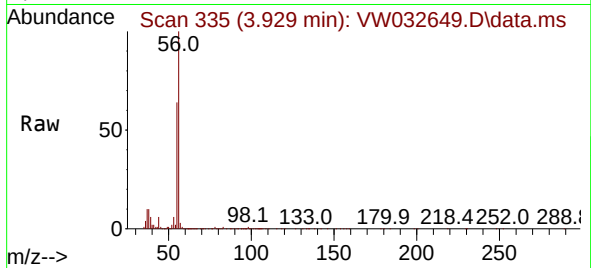




#13
Acrolein
Concen: 208.936 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

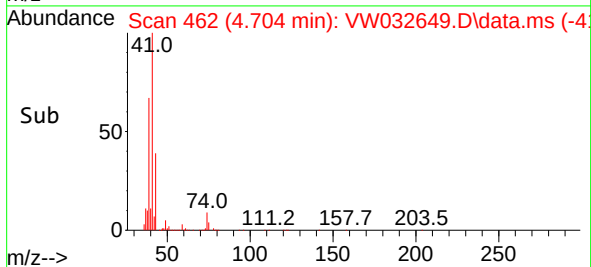
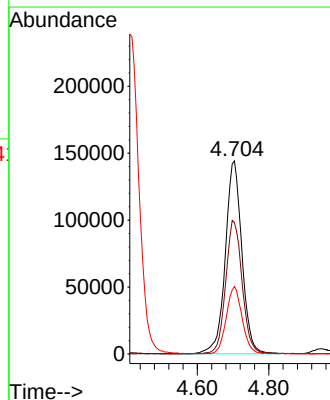
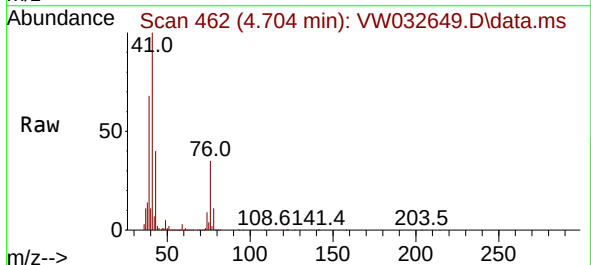
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

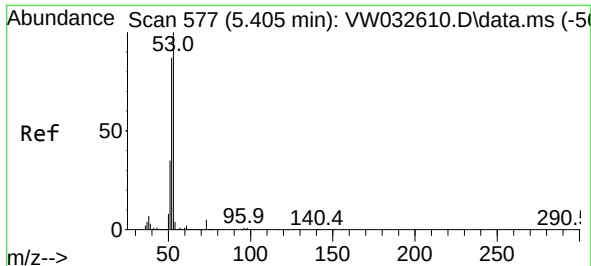
Tgt Ion: 56 Resp: 107907
Ion Ratio Lower Upper
56 100
55 69.3 56.0 84.0



#14
Allyl chloride
Concen: 56.081 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.006 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

Tgt Ion: 41 Resp: 465558
Ion Ratio Lower Upper
41 100
39 68.3 54.2 81.2
76 33.0 26.3 39.5

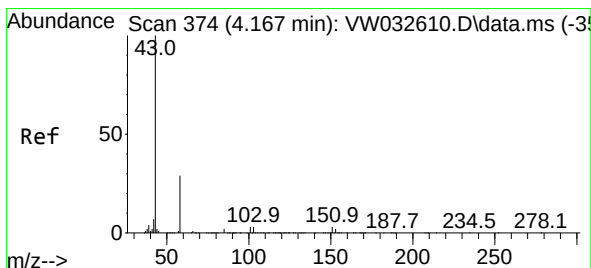
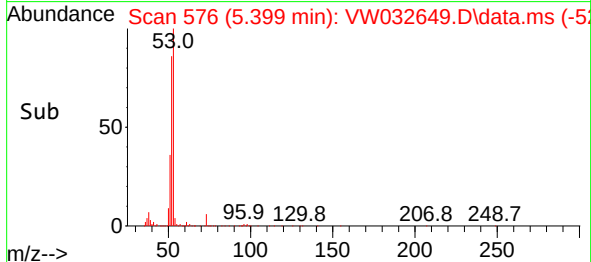
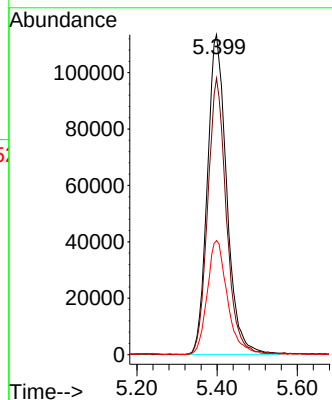
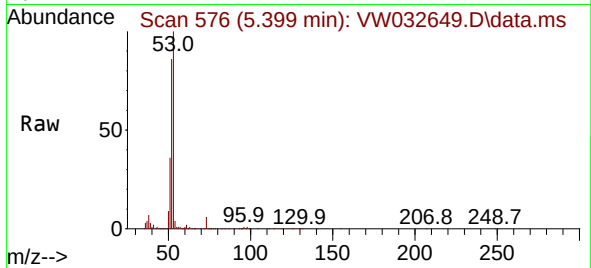




#15
Acrylonitrile
Concen: 249.504 ug/l
RT: 5.399 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

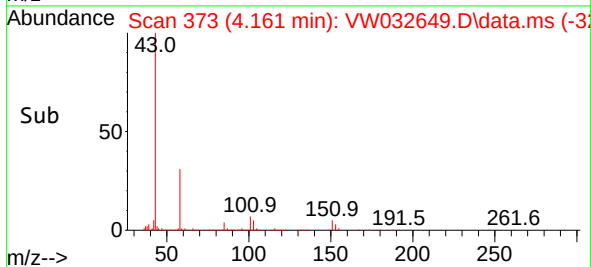
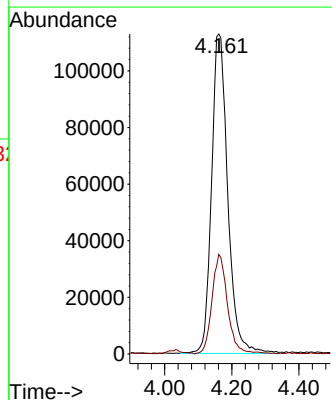
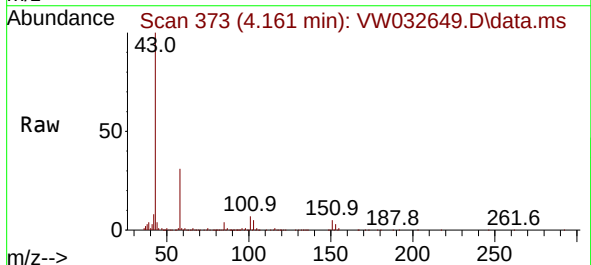
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

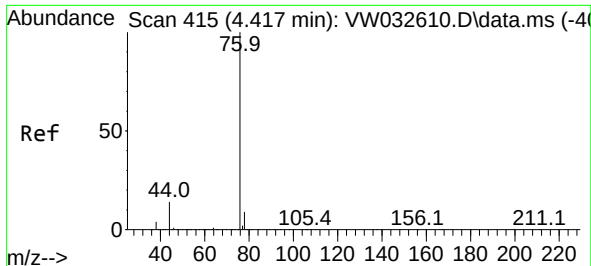
Tgt Ion: 53 Resp: 379699
Ion Ratio Lower Upper
53 100
52 83.2 66.7 100.1
51 37.5 29.8 44.6



#16
Acetone
Concen: 201.547 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.006 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

Tgt Ion: 43 Resp: 379002
Ion Ratio Lower Upper
43 100
58 30.9 23.9 35.9

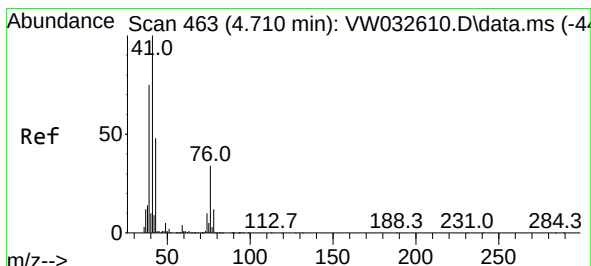
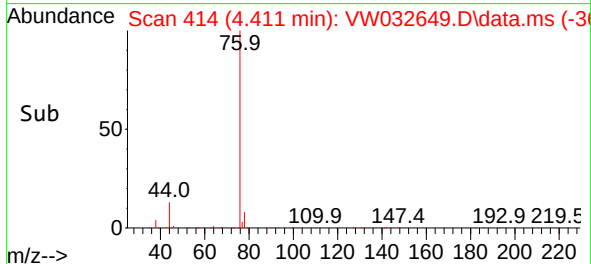
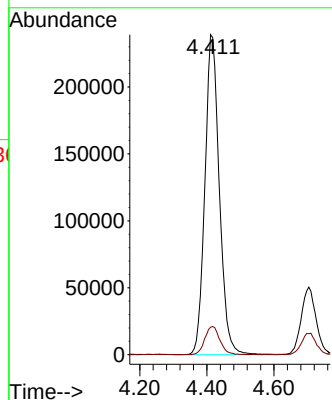
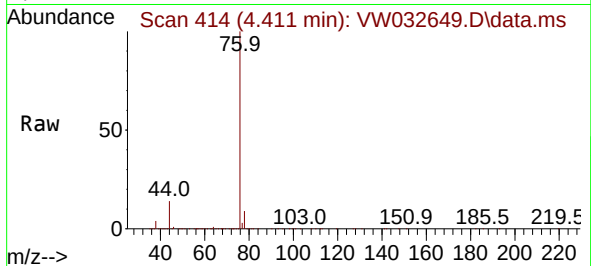




#17
Carbon Disulfide
Concen: 55.667 ug/l
RT: 4.411 min Scan# 415
Delta R.T. -0.000 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

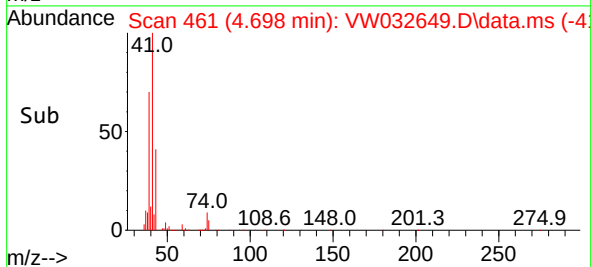
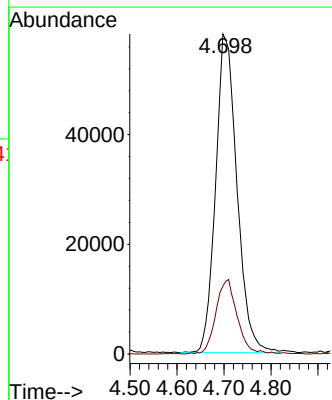
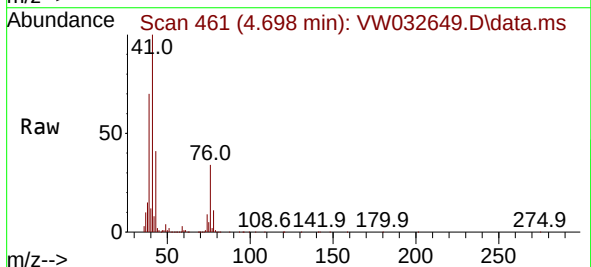
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

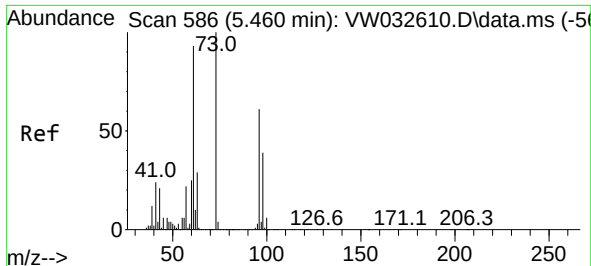
Tgt Ion: 76 Resp: 714790
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2



#18
Methyl Acetate
Concen: 50.991 ug/l
RT: 4.698 min Scan# 461
Delta R.T. -0.006 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

Tgt Ion: 43 Resp: 183819
Ion Ratio Lower Upper
43 100
74 23.2 18.2 27.4

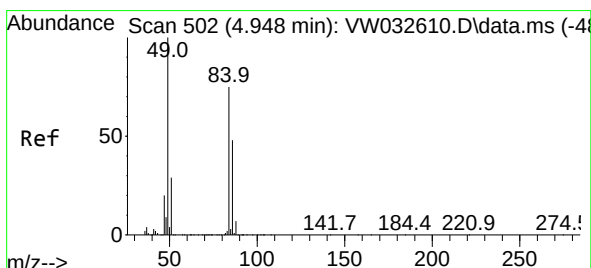
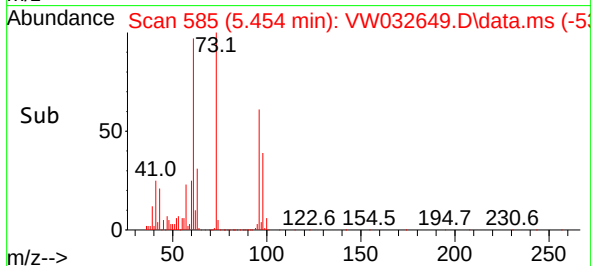
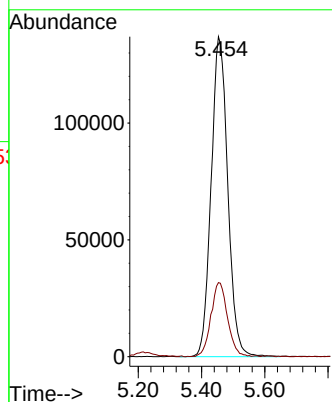
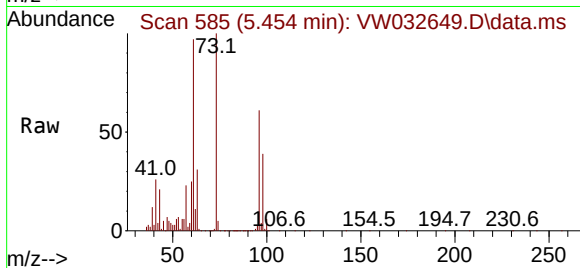




#19
Methyl tert-butyl Ether
Concen: 53.492 ug/l
RT: 5.454 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

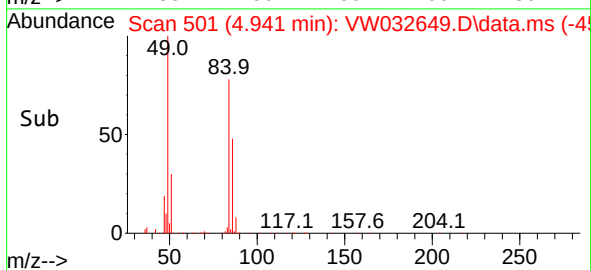
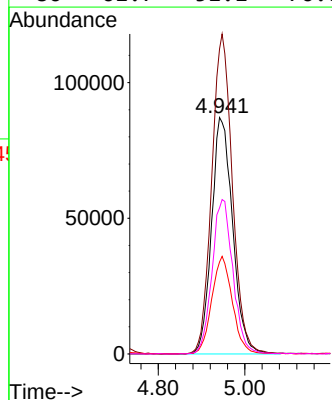
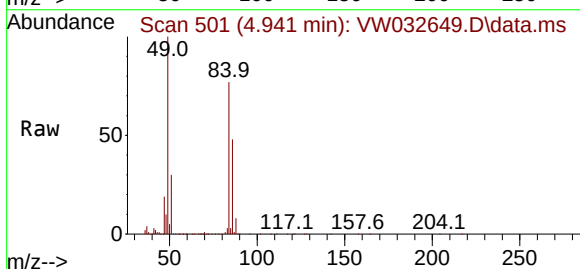
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

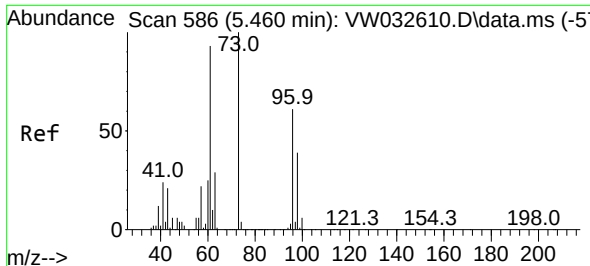
Tgt Ion: 73 Resp: 498687
Ion Ratio Lower Upper
73 100
57 23.1 17.3 25.9



#20
Methylene Chloride
Concen: 58.481 ug/l
RT: 4.941 min Scan# 501
Delta R.T. -0.007 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

Tgt Ion: 84 Resp: 294969
Ion Ratio Lower Upper
84 100
49 128.9 106.9 160.3
51 38.8 31.4 47.2
86 61.7 51.1 76.7

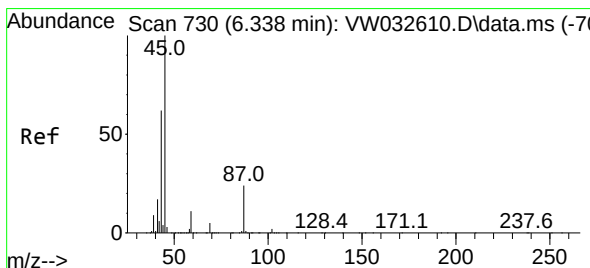
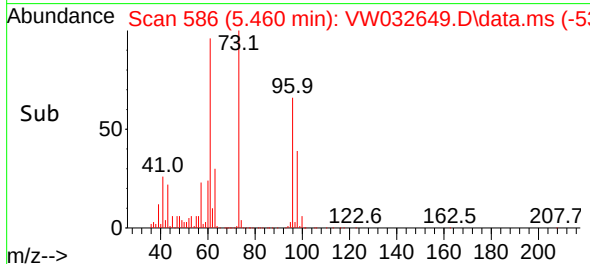
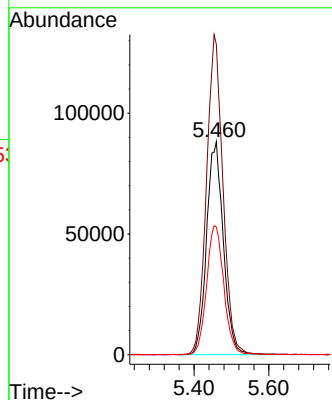
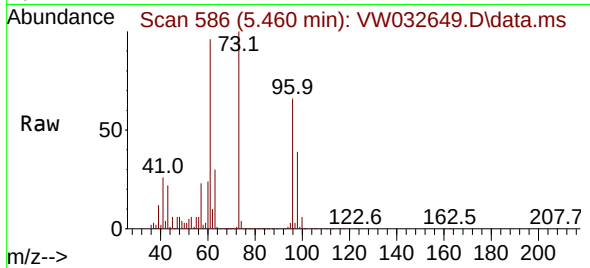




#21
trans-1,2-Dichloroethene
Concen: 55.457 ug/l
RT: 5.460 min Scan# 586
Delta R.T. 0.012 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

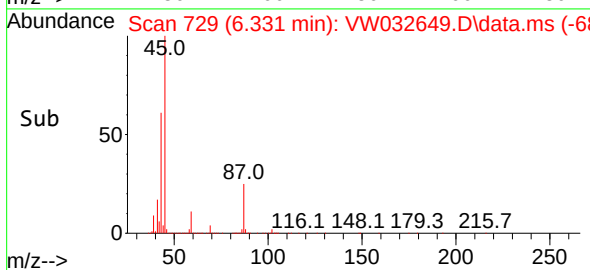
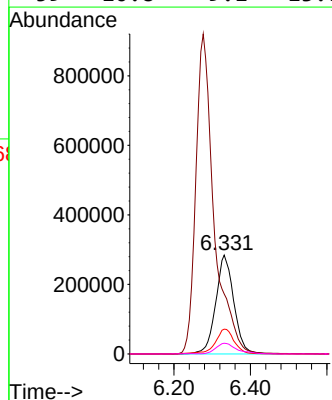
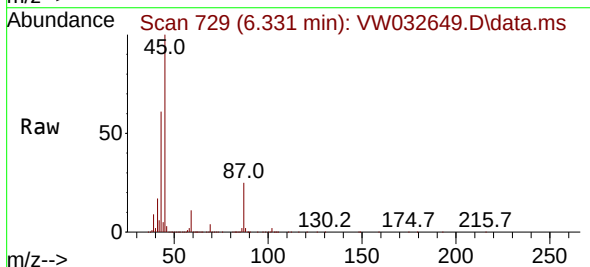
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

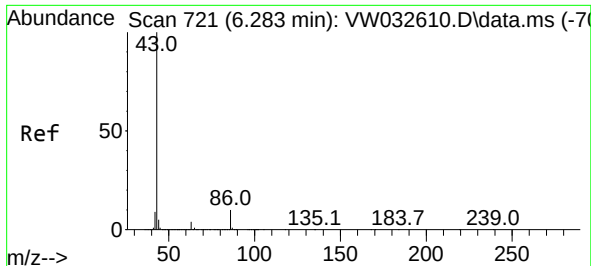
Tgt Ion: 96 Resp: 273862
Ion Ratio Lower Upper
96 100
61 145.3 121.7 182.5
98 59.9 50.6 76.0



#22
Diisopropyl ether
Concen: 55.790 ug/l
RT: 6.331 min Scan# 729
Delta R.T. -0.000 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

Tgt Ion: 45 Resp: 933008
Ion Ratio Lower Upper
45 100
43 60.1 49.1 73.7
87 25.0 19.7 29.5
59 10.8 9.1 13.7

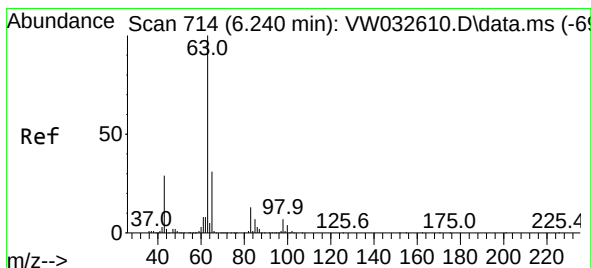
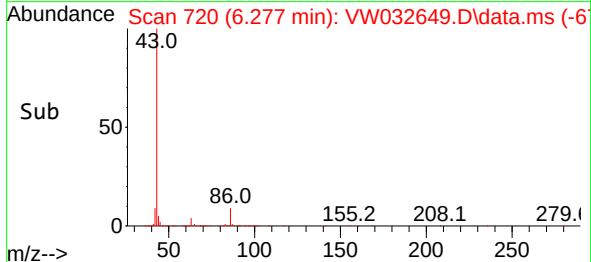
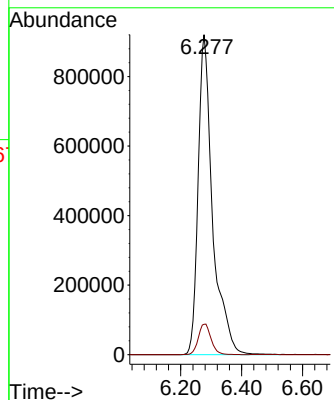
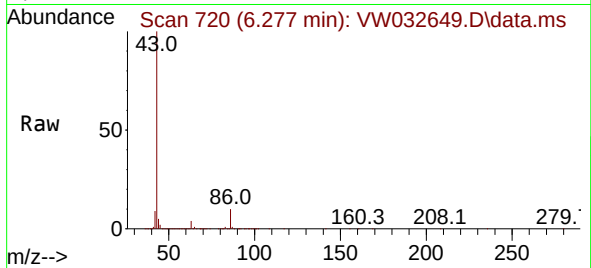




#23
 Vinyl Acetate
 Concen: 273.230 ug/l
 RT: 6.277 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VW032649.D
 Acq: 16 Dec 2025 10:52

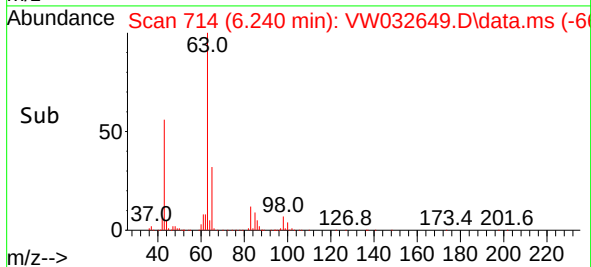
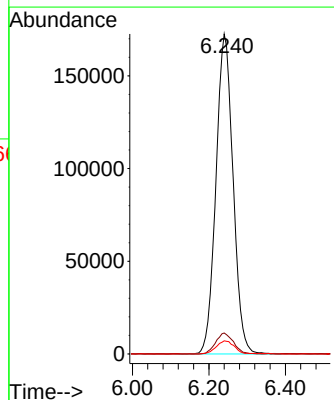
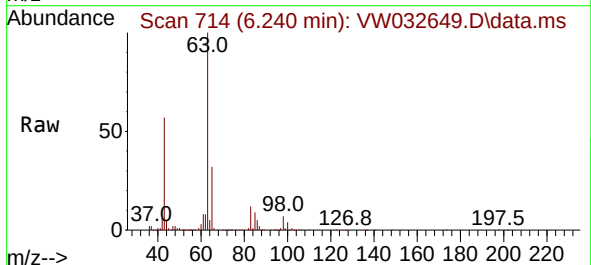
Instrument :
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 ClientSampleId :
 VSTDCCC050

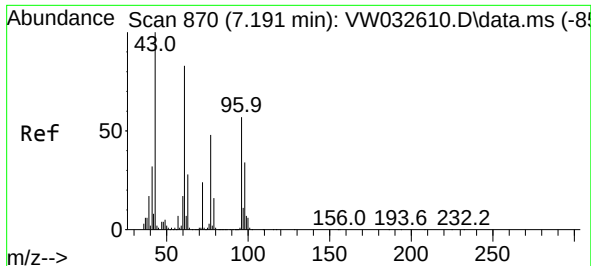
Tgt Ion: 43 Resp: 3034422
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 55.290 ug/l
 RT: 6.240 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VW032649.D
 Acq: 16 Dec 2025 10:52

Tgt Ion: 63 Resp: 536661
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.4
 100 4.1 2.1 6.5

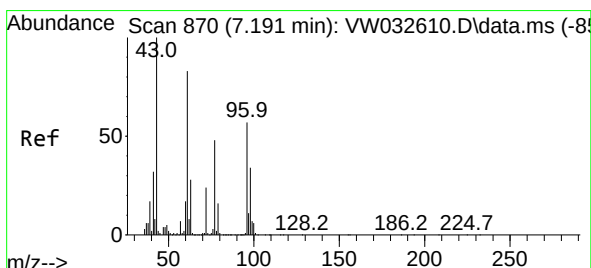
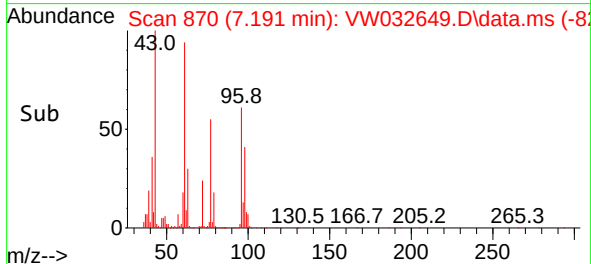
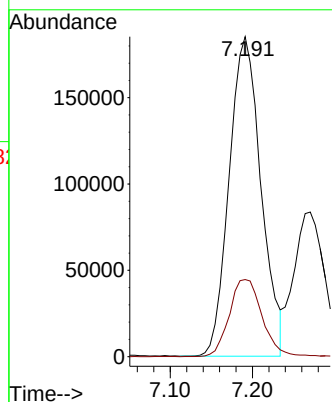
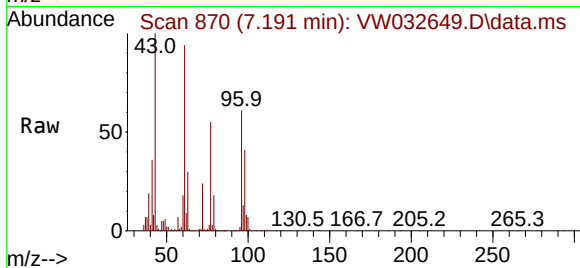




#25
2-Butanone
Concen: 233.476 ug/l
RT: 7.191 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

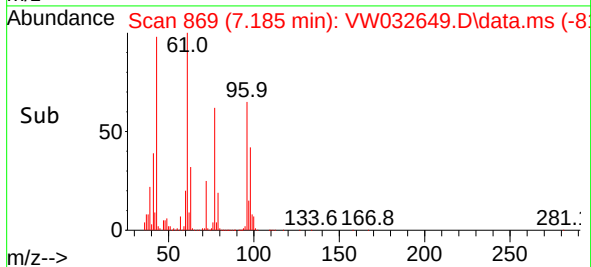
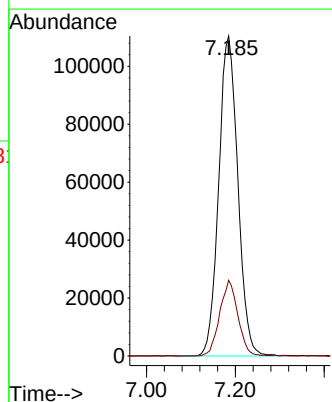
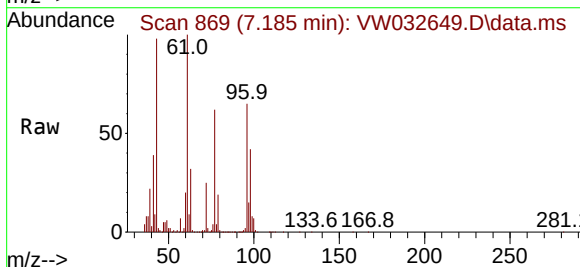
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

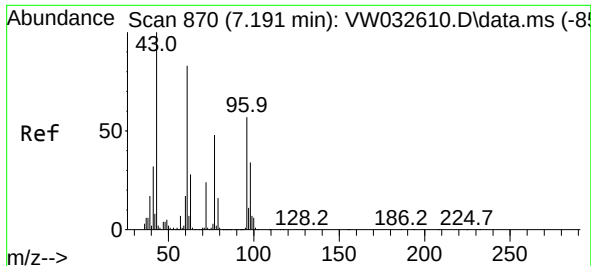
Tgt Ion: 43 Resp: 499052
Ion Ratio Lower Upper
43 100
72 24.1 19.4 29.0



#26
2,2-Dichloropropane
Concen: 56.591 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.006 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

Tgt Ion: 77 Resp: 328818
Ion Ratio Lower Upper
77 100
97 22.5 11.3 33.9

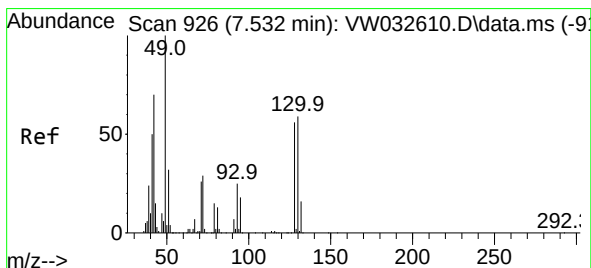
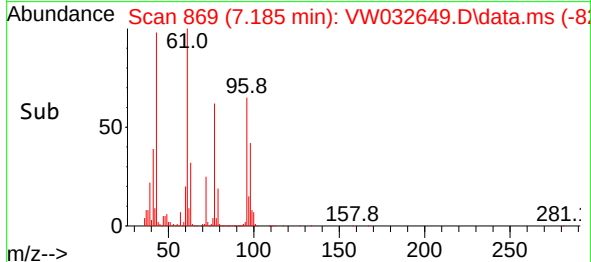
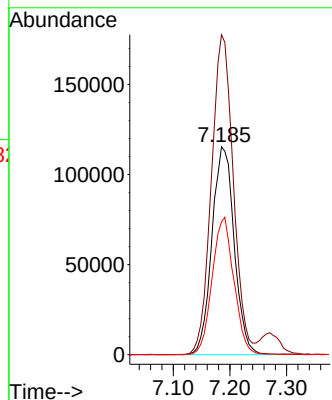
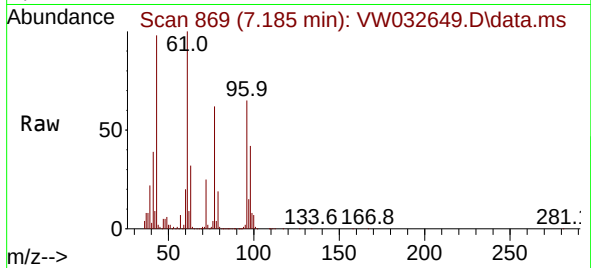




#27
 cis-1,2-Dichloroethene
 Concen: 54.703 ug/l
 RT: 7.185 min Scan# 870
 Delta R.T. -0.000 min
 Lab File: VW032649.D
 Acq: 16 Dec 2025 10:52

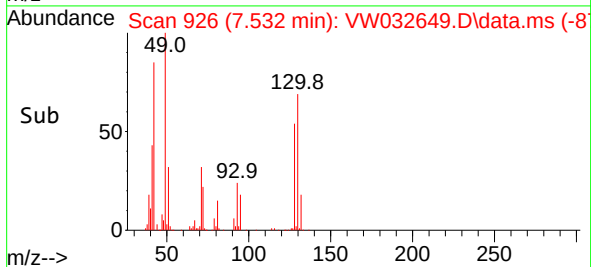
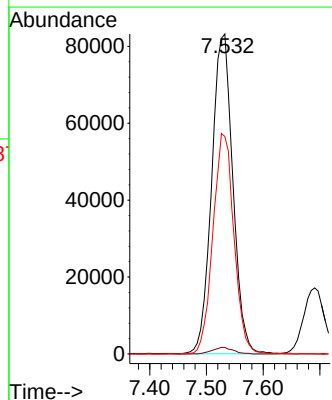
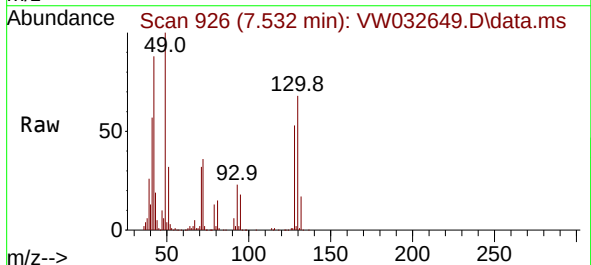
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

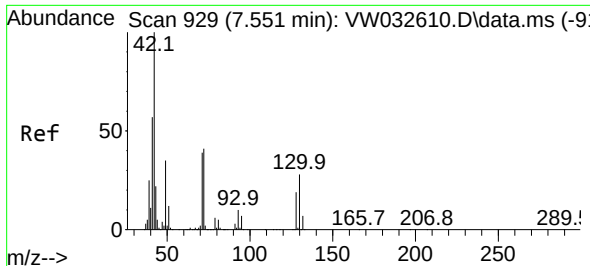
Tgt Ion: 96 Resp: 315775
 Ion Ratio Lower Upper
 96 100
 61 151.1 0.0 295.8
 98 64.5 0.0 127.2



#28
 Bromochloromethane
 Concen: 58.672 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. 0.012 min
 Lab File: VW032649.D
 Acq: 16 Dec 2025 10:52

Tgt Ion: 49 Resp: 215509
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.6
 130 68.4 53.3 79.9

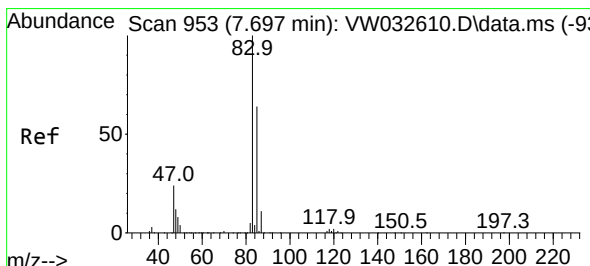
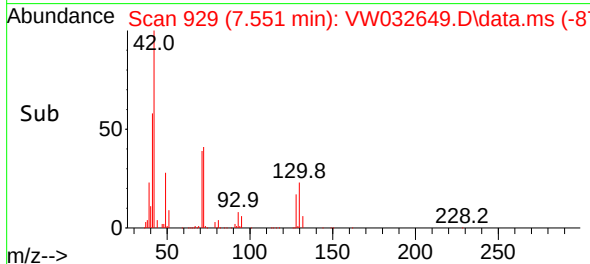
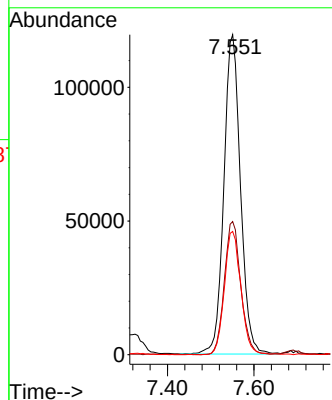
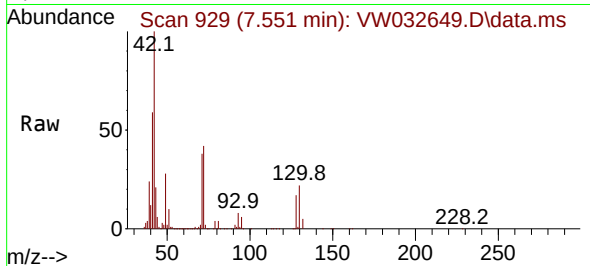




#29
Tetrahydrofuran
Concen: 248.306 ug/l
RT: 7.551 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

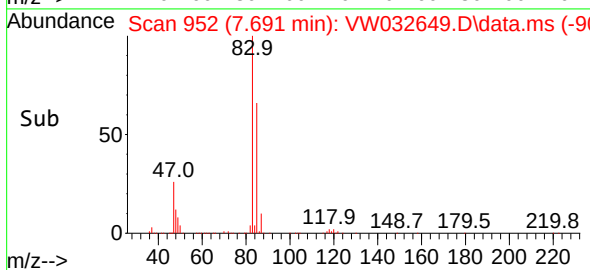
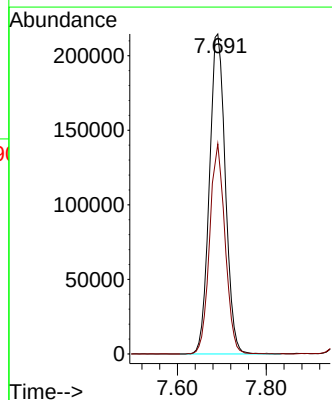
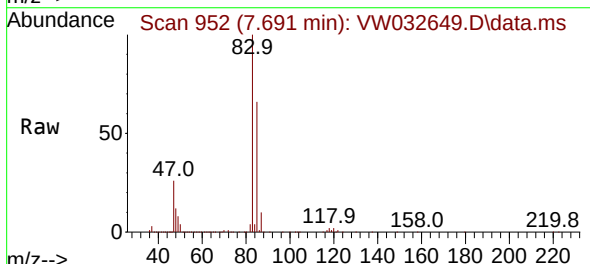
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

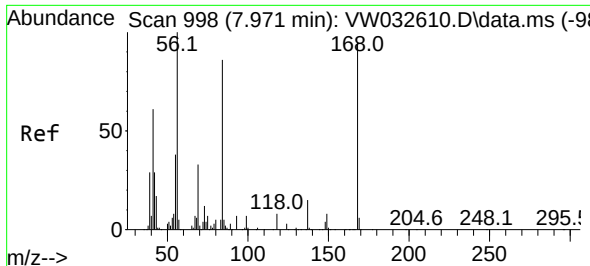
Tgt Ion: 42 Resp: 319664
Ion Ratio Lower Upper
42 100
72 41.3 33.2 49.8
71 38.3 30.7 46.1



#30
Chloroform
Concen: 55.482 ug/l
RT: 7.691 min Scan# 952
Delta R.T. -0.000 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

Tgt Ion: 83 Resp: 535998
Ion Ratio Lower Upper
83 100
85 65.7 51.4 77.2

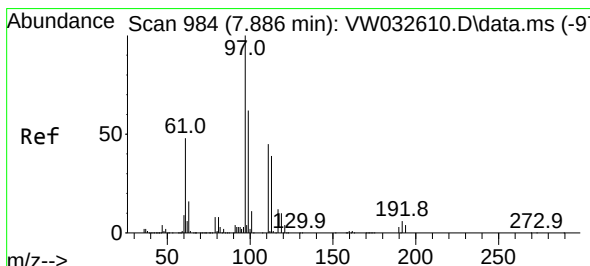
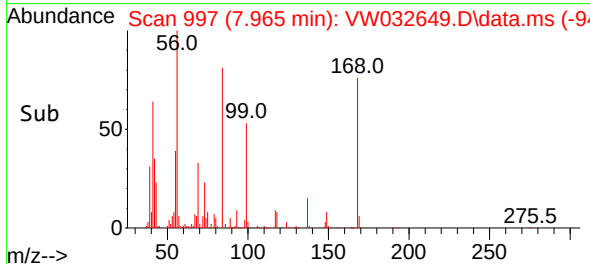
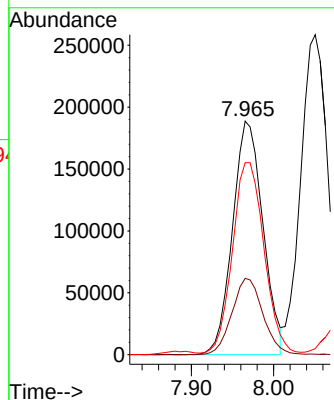
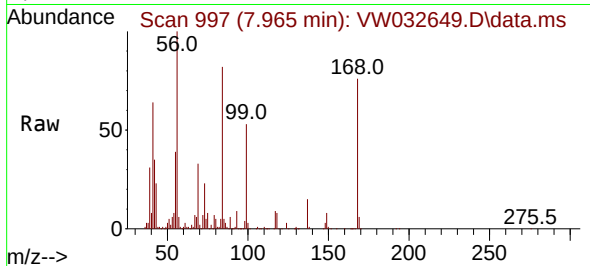




#31
Cyclohexane
Concen: 53.873 ug/l
RT: 7.965 min Scan# 997
Delta R.T. -0.000 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

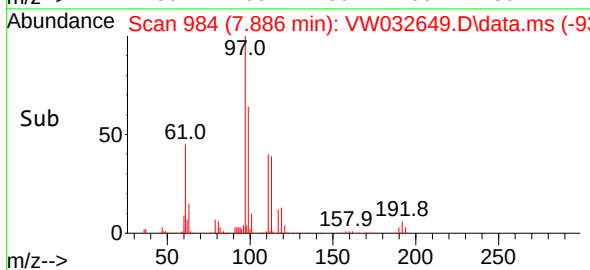
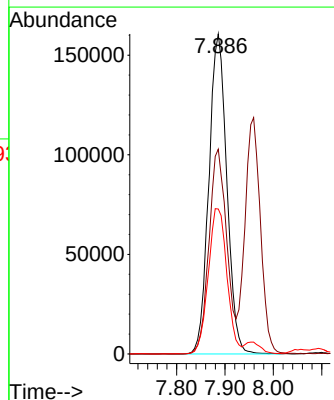
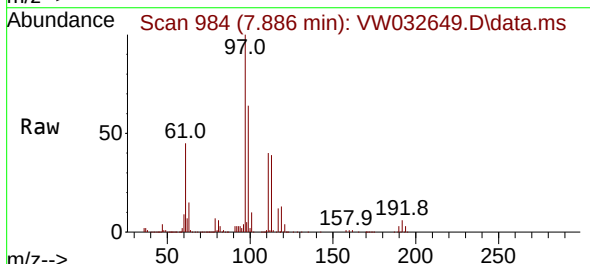
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

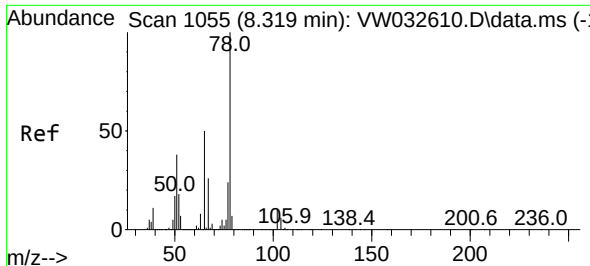
Tgt Ion: 56 Resp: 484767
Ion Ratio Lower Upper
56 100
69 32.7 26.2 39.2
84 81.0 68.9 103.3



#32
1,1,1-Trichloroethane
Concen: 56.236 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.006 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

Tgt Ion: 97 Resp: 413767
Ion Ratio Lower Upper
97 100
99 63.4 50.8 76.2
61 47.3 37.8 56.8

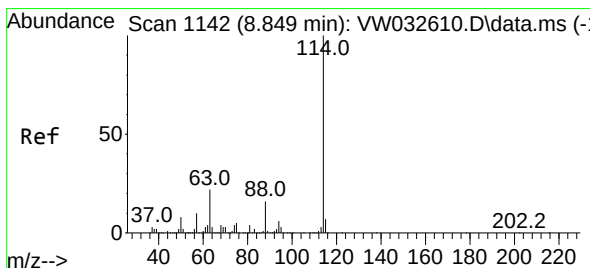
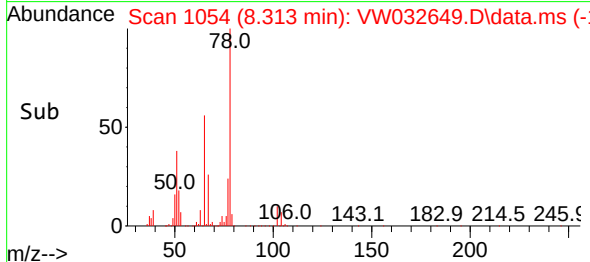
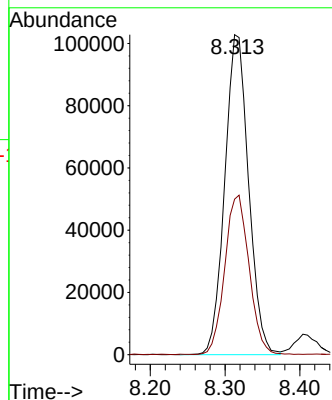
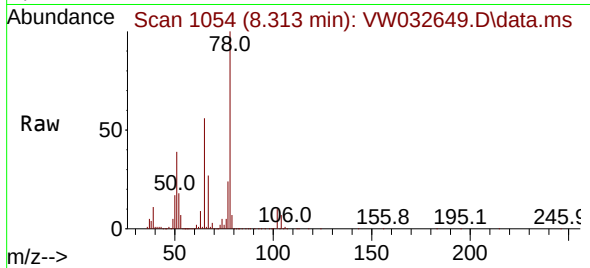




#33
 1,2-Dichloroethane-d4
 Concen: 41.687 ug/l
 RT: 8.313 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032649.D
 Acq: 16 Dec 2025 10:52

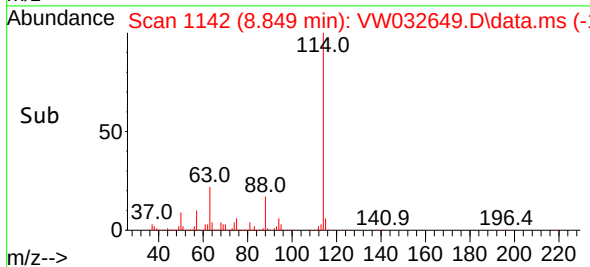
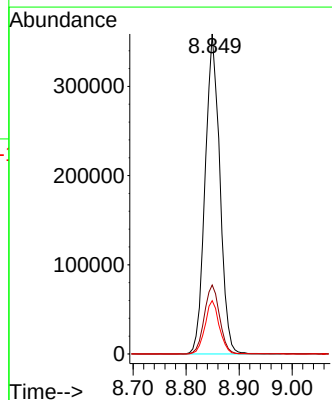
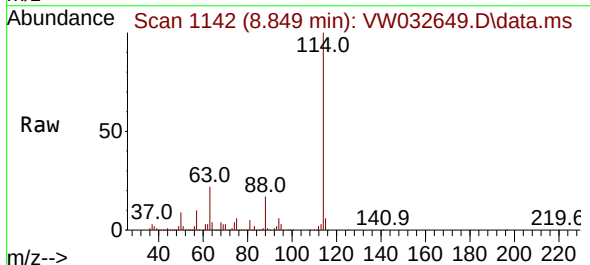
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

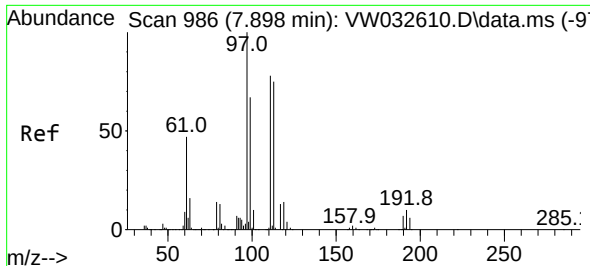
Tgt Ion: 65 Resp: 228230
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.000 min
 Lab File: VW032649.D
 Acq: 16 Dec 2025 10:52

Tgt Ion: 114 Resp: 689276
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 44.6
 88 16.7 0.0 31.8

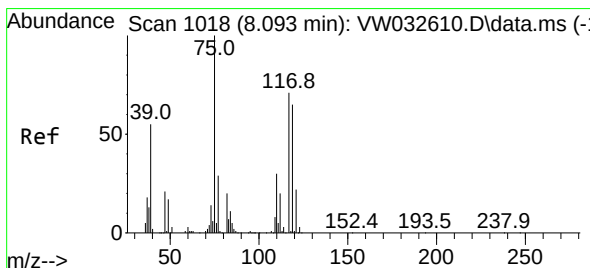
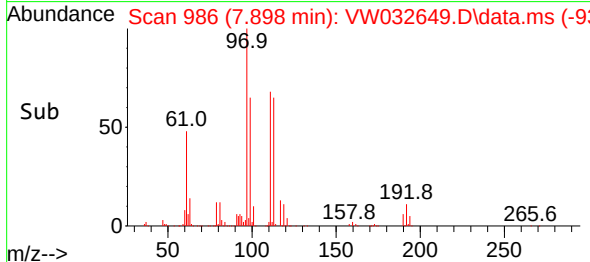
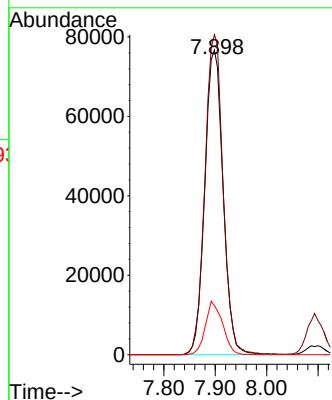
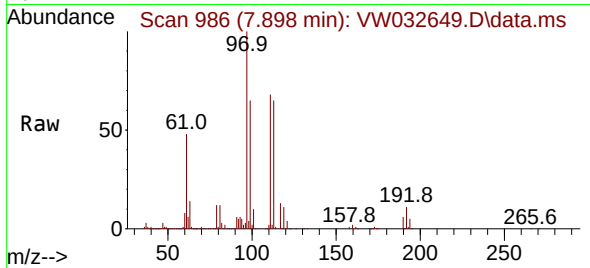




#35
Dibromofluoromethane
Concen: 42.395 ug/l
RT: 7.898 min Scan# 986
Delta R.T. 0.006 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

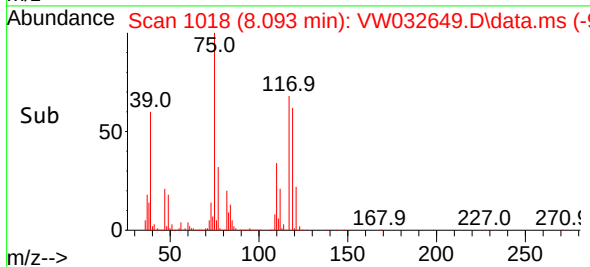
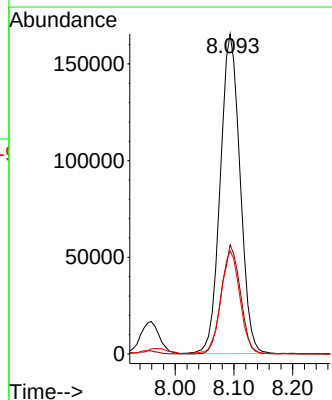
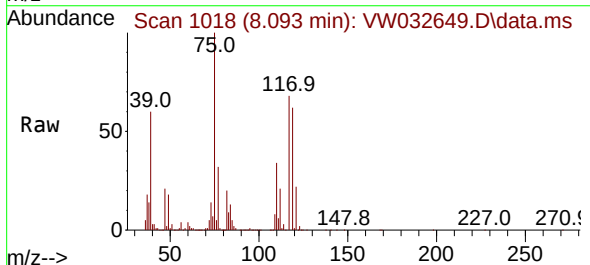
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

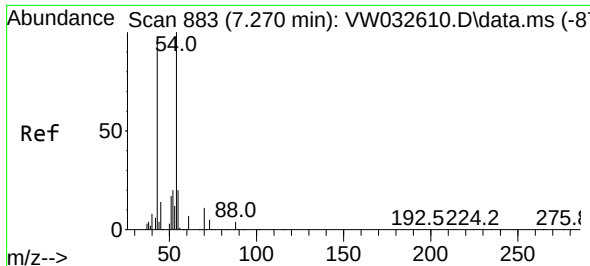
Tgt Ion:113 Resp: 189894
Ion Ratio Lower Upper
113 100
111 104.0 85.2 127.8
192 16.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 55.764 ug/l
RT: 8.093 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

Tgt Ion: 75 Resp: 386820
Ion Ratio Lower Upper
75 100
110 32.7 16.3 48.9
77 31.3 24.6 37.0

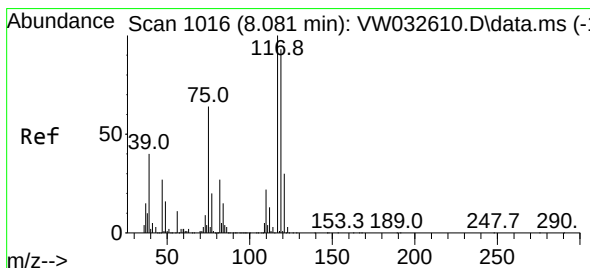
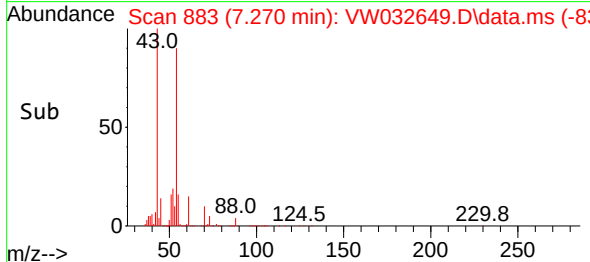
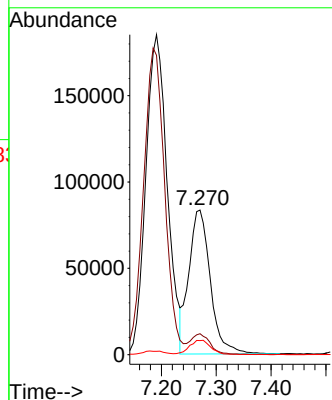
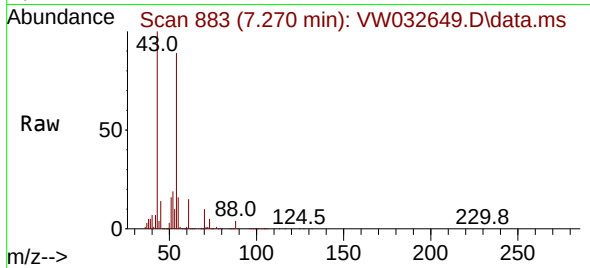




#37
Ethyl Acetate
Concen: 49.352 ug/l
RT: 7.270 min Scan# 883
Delta R.T. 0.006 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

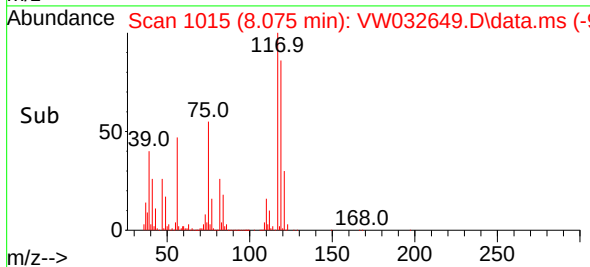
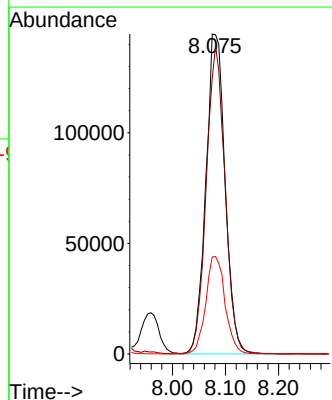
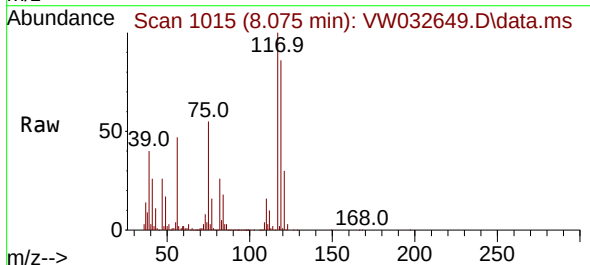
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

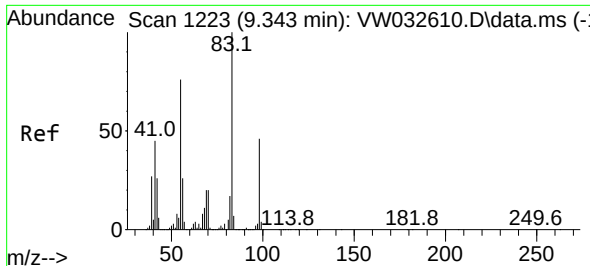
Tgt Ion: 43 Resp: 227349
Ion Ratio Lower Upper
43 100
61 12.7 10.3 15.5
70 9.9 7.7 11.5



#38
Carbon Tetrachloride
Concen: 55.697 ug/l
RT: 8.075 min Scan# 1015
Delta R.T. -0.000 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

Tgt Ion: 117 Resp: 365730
Ion Ratio Lower Upper
117 100
119 86.0 74.3 111.5
121 30.3 23.6 35.4

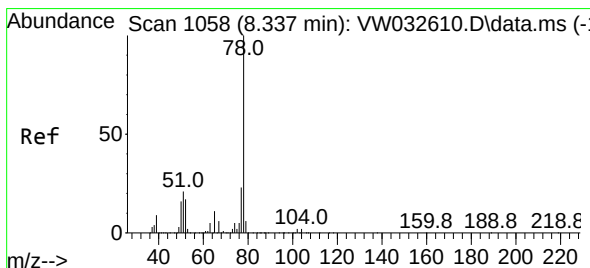
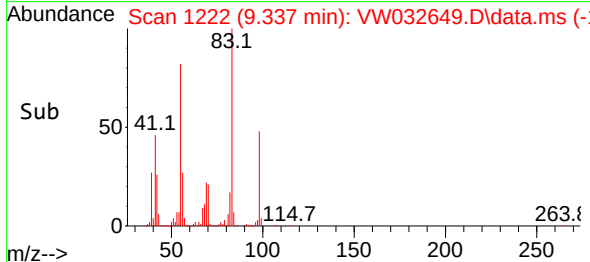
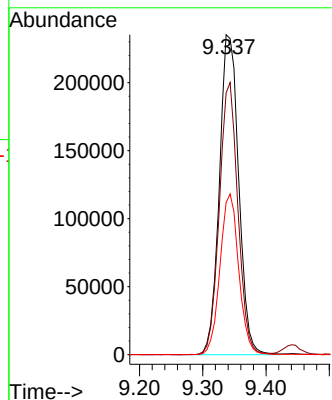
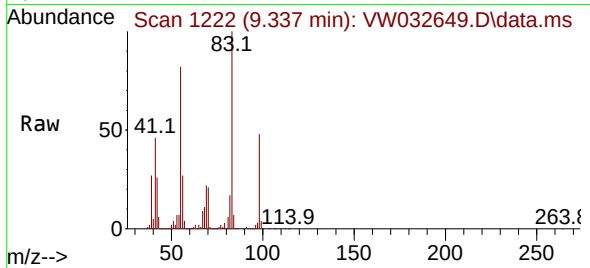




#39
Methylcyclohexane
Concen: 57.360 ug/l
RT: 9.337 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

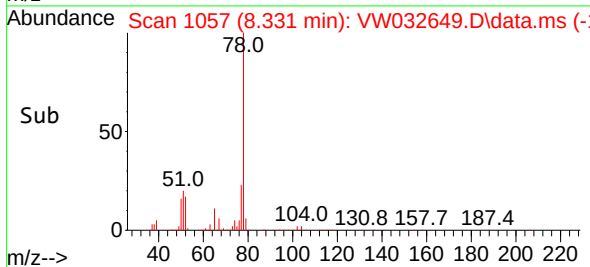
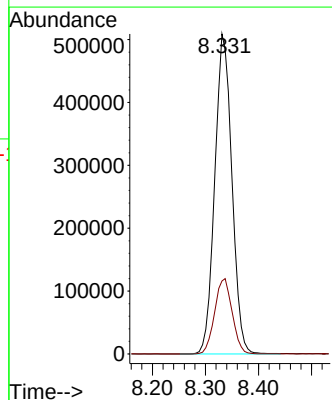
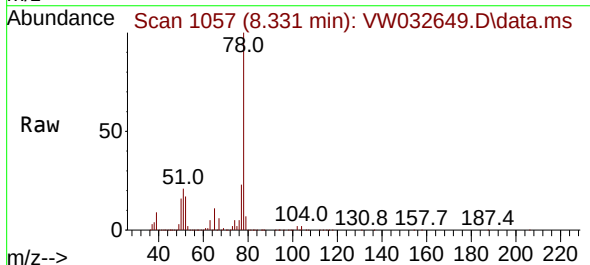
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

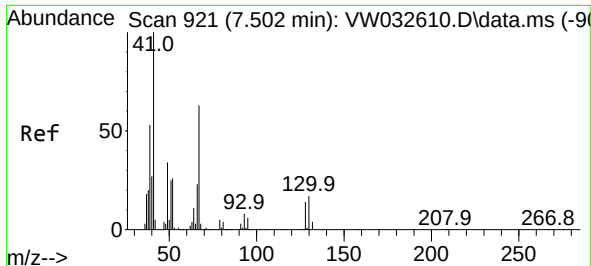
Tgt Ion: 83 Resp: 498283
Ion Ratio Lower Upper
83 100
55 81.8 61.2 91.8
98 47.6 37.0 55.4



#40
Benzene
Concen: 54.759 ug/l
RT: 8.331 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

Tgt Ion: 78 Resp: 1140981
Ion Ratio Lower Upper
78 100
77 22.8 18.6 28.0



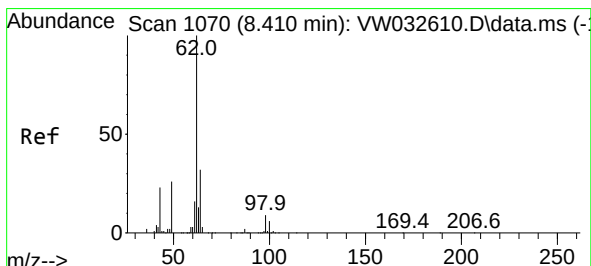
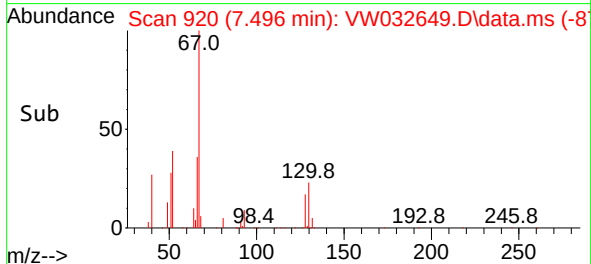
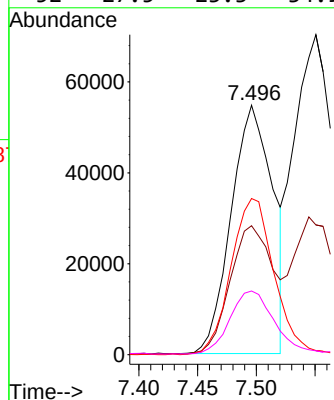
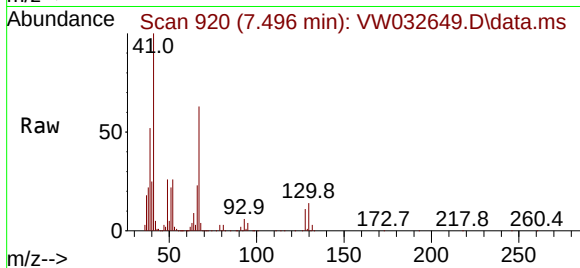


#41
Methacrylonitrile
Concen: 52.682 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 134532

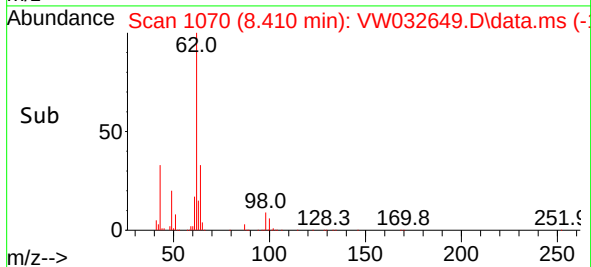
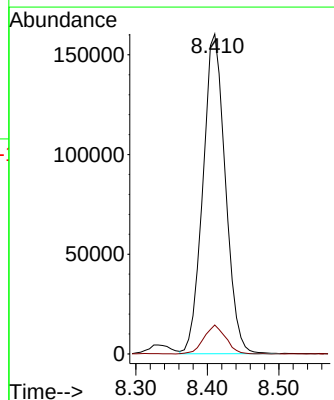
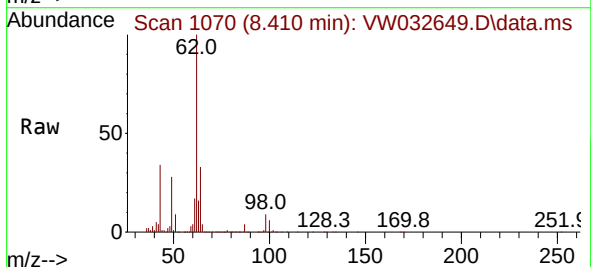
Ion	Ratio	Lower	Upper
41	100		
39	53.4	47.3	70.9
67	65.8	55.9	83.9
52	27.5	23.3	34.9

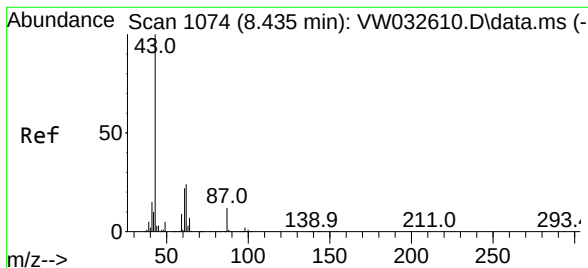


#42
1,2-Dichloroethane
Concen: 52.965 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

Tgt Ion: 62 Resp: 349211

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.8





#43

Isopropyl Acetate

Concen: 51.168 ug/l

RT: 8.435 min Scan# 1074

Delta R.T. 0.006 min

Lab File: VW032649.D

Acq: 16 Dec 2025 10:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

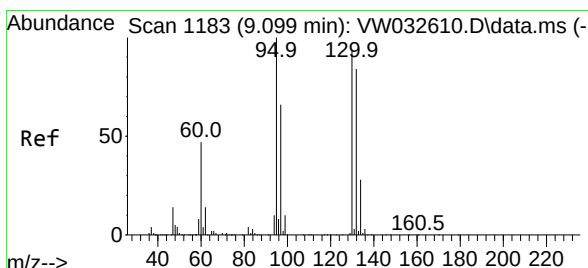
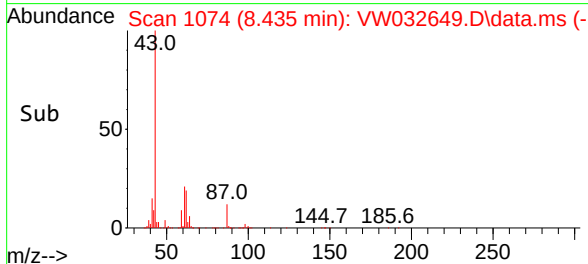
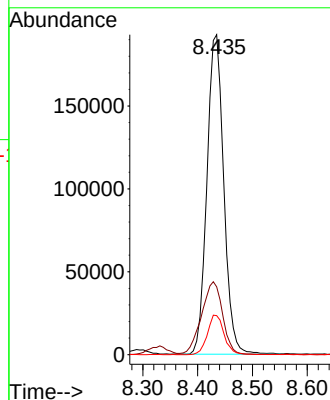
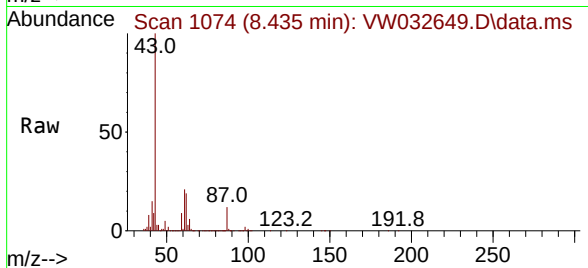
Tgt Ion: 43 Resp: 410359

Ion Ratio Lower Upper

43 100

61 28.5 22.7 34.1

87 12.3 9.6 14.4



#44

Trichloroethene

Concen: 55.174 ug/l

RT: 9.099 min Scan# 1183

Delta R.T. 0.006 min

Lab File: VW032649.D

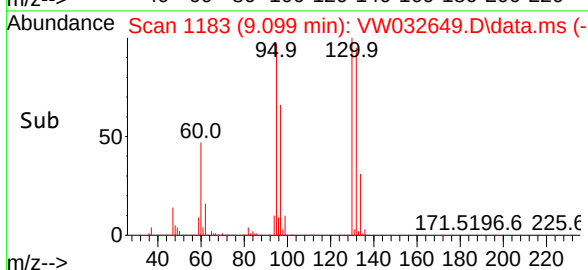
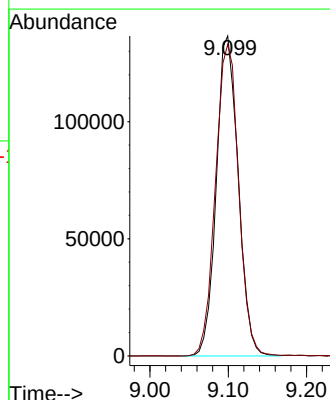
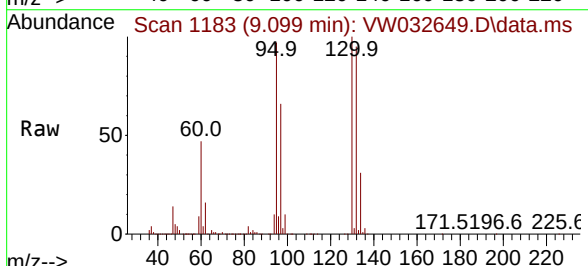
Acq: 16 Dec 2025 10:52

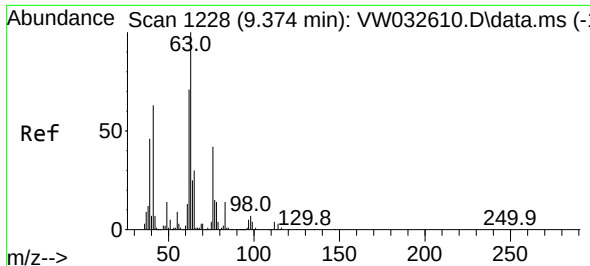
Tgt Ion:130 Resp: 265893

Ion Ratio Lower Upper

130 100

95 97.3 0.0 215.6

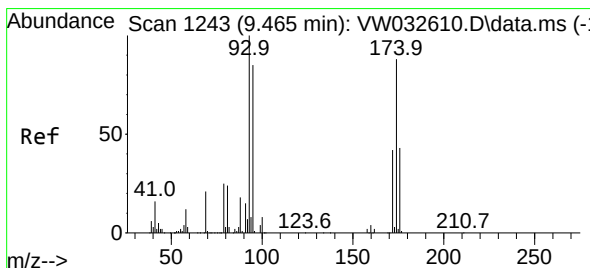
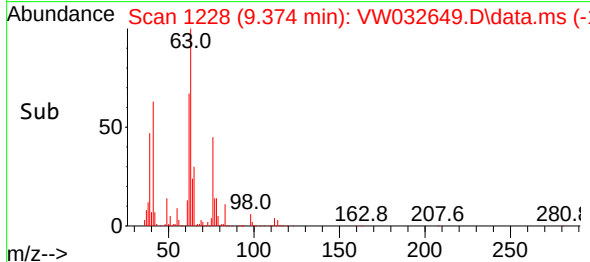
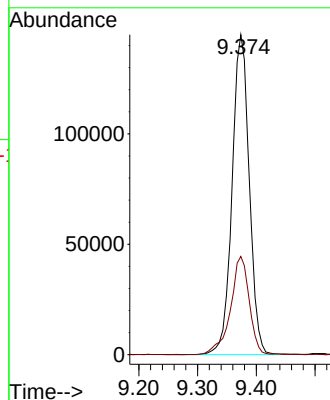
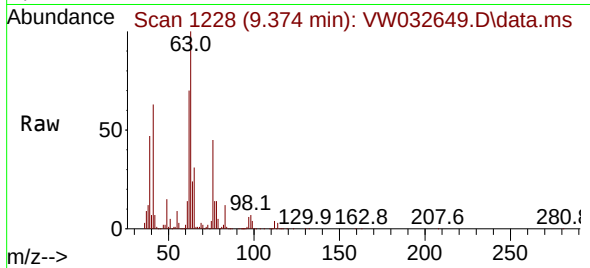




#45
1,2-Dichloropropane
Concen: 55.362 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

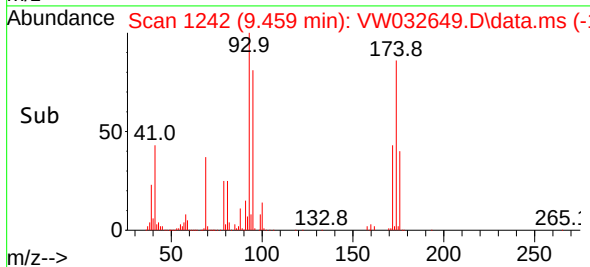
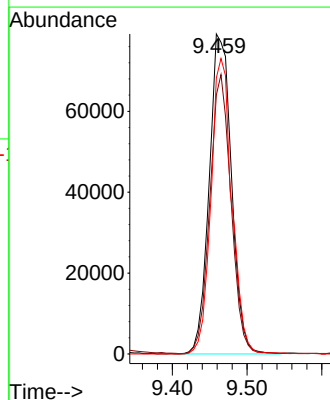
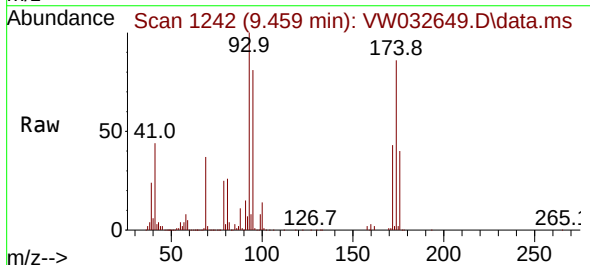
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

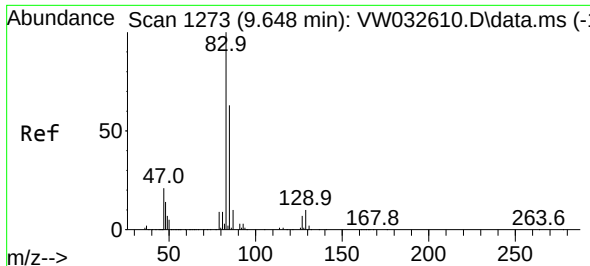
Tgt Ion: 63 Resp: 294192
Ion Ratio Lower Upper
63 100
65 30.6 23.8 35.6



#46
Dibromomethane
Concen: 53.605 ug/l
RT: 9.459 min Scan# 1242
Delta R.T. -0.006 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

Tgt Ion: 93 Resp: 163869
Ion Ratio Lower Upper
93 100
95 82.7 67.0 100.4
174 86.7 67.6 101.4

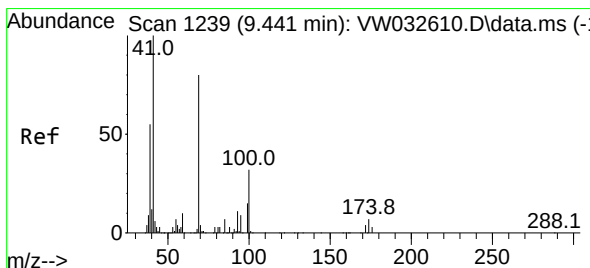
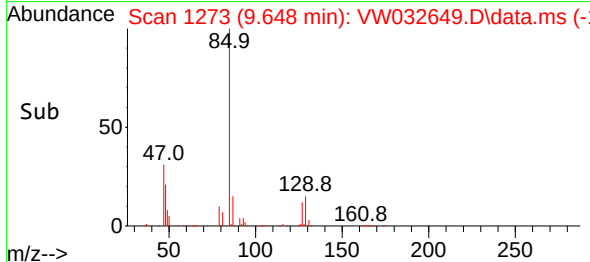
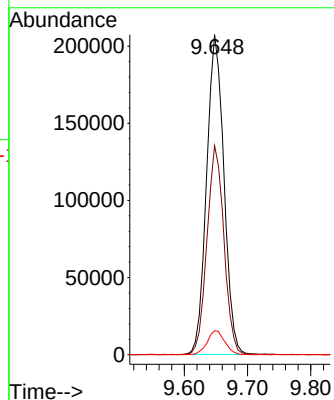
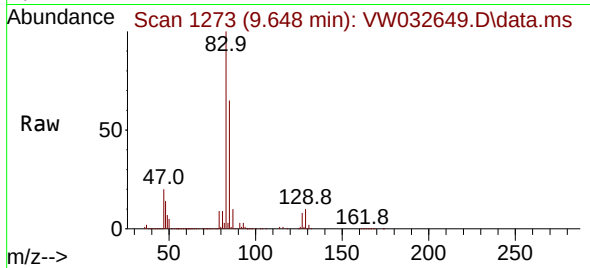




#47
Bromodichloromethane
Concen: 54.903 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

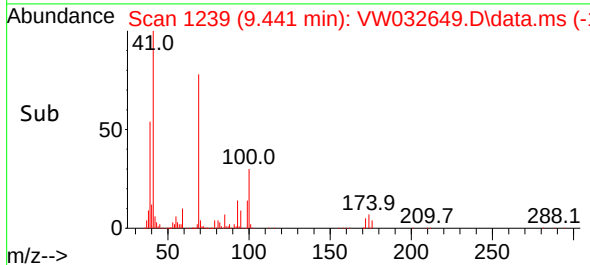
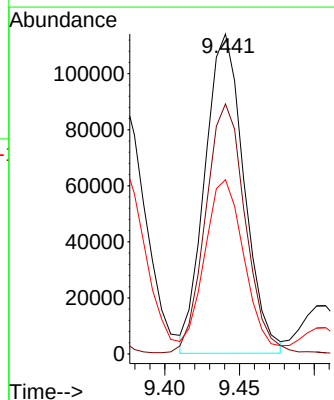
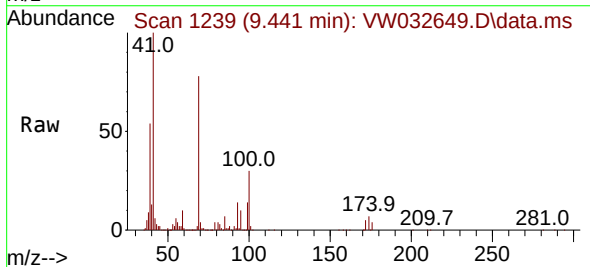
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

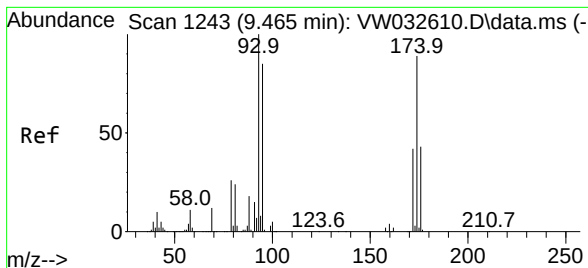
Tgt Ion: 83 Resp: 395570
Ion Ratio Lower Upper
83 100
85 65.3 50.7 76.1
127 7.5 6.0 9.0



#48
Methyl methacrylate
Concen: 53.718 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

Tgt Ion: 41 Resp: 207411
Ion Ratio Lower Upper
41 100
69 79.5 67.9 101.9
39 50.1 43.8 65.8





#49

1,4-Dioxane

Concen: 970.685 ug/l

RT: 9.471 min Scan# 1244

Delta R.T. 0.012 min

Lab File: VW032649.D

Acq: 16 Dec 2025 10:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

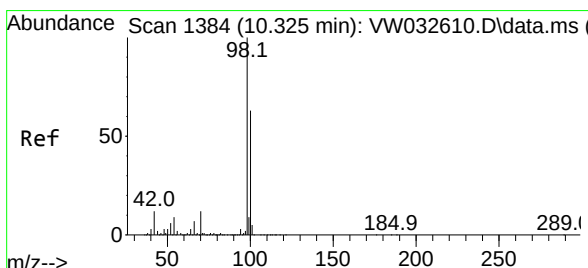
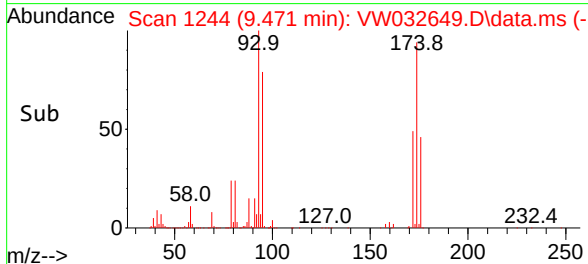
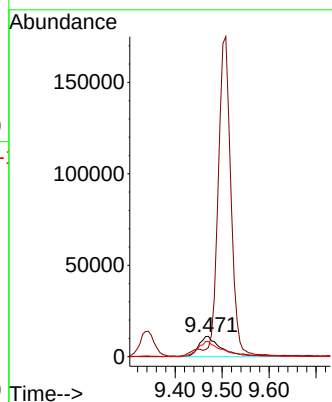
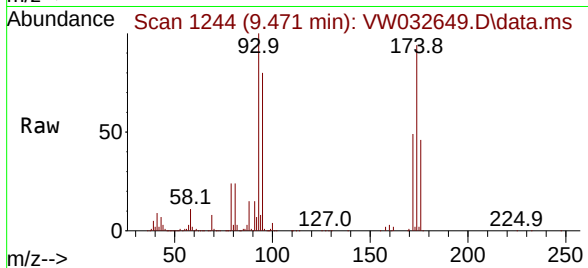
Tgt Ion: 88 Resp: 37649

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 79.1 63.8 95.8



#50

Toluene-d8

Concen: 42.733 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032649.D

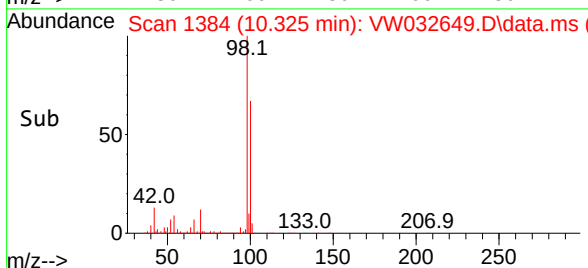
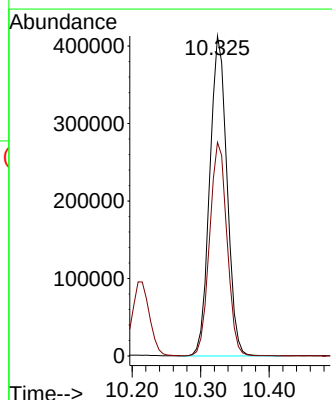
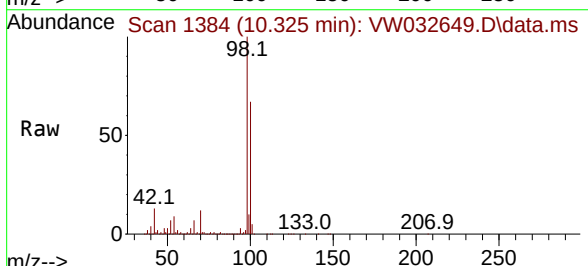
Acq: 16 Dec 2025 10:52

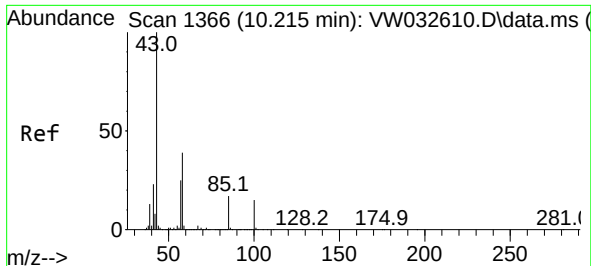
Tgt Ion: 98 Resp: 721271

Ion Ratio Lower Upper

98 100

100 67.3 52.2 78.2

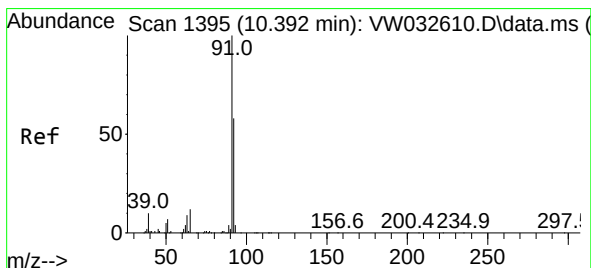
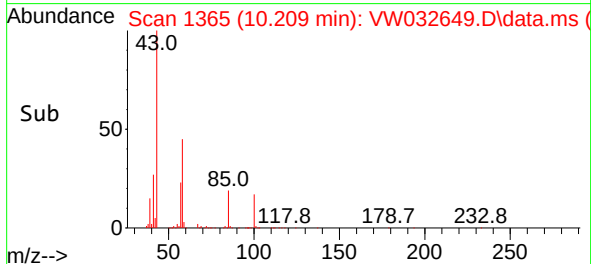
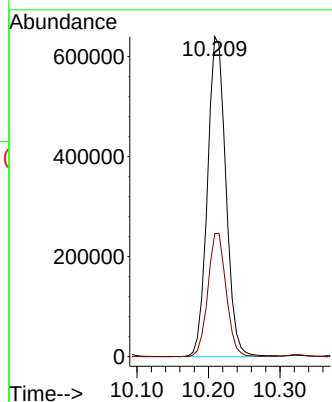
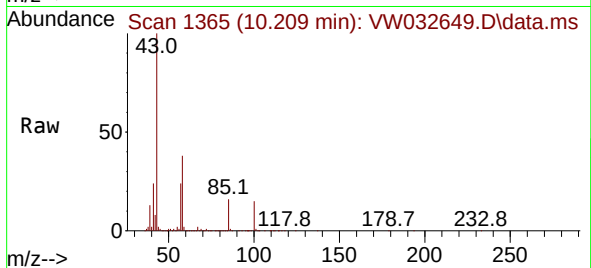




#51
4-Methyl-2-Pentanone
Concen: 253.594 ug/l
RT: 10.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

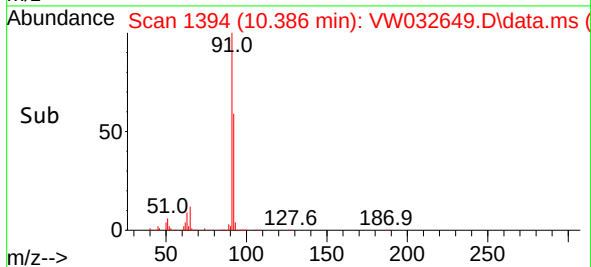
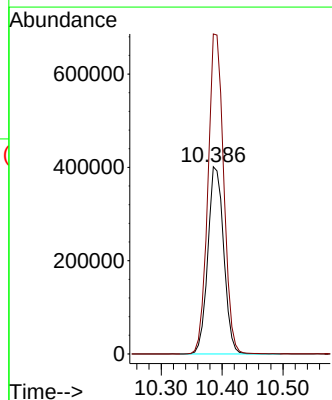
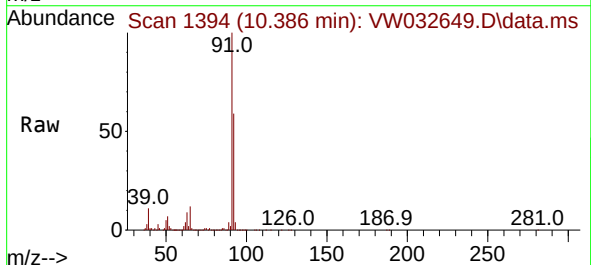
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

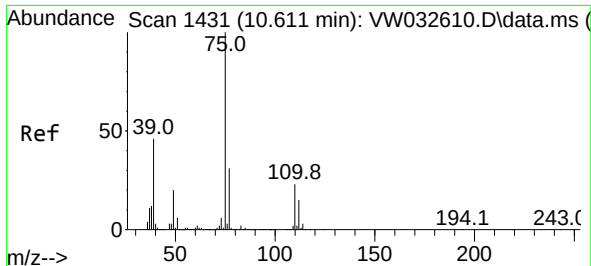
Tgt Ion: 43 Resp: 1142254
Ion Ratio Lower Upper
43 100
58 38.5 30.6 45.8



#52
Toluene
Concen: 56.531 ug/l
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

Tgt Ion: 92 Resp: 725322
Ion Ratio Lower Upper
92 100
91 169.9 137.6 206.4

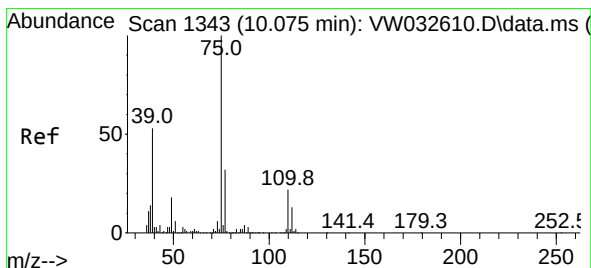
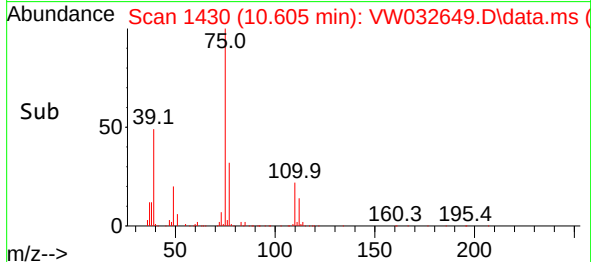
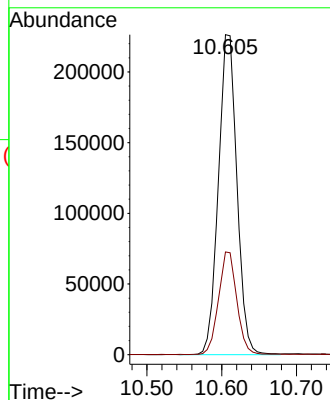
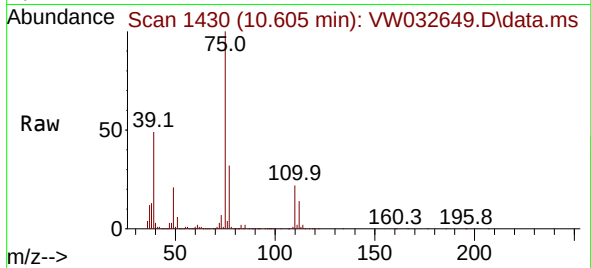




#53
t-1,3-Dichloropropene
Concen: 55.725 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

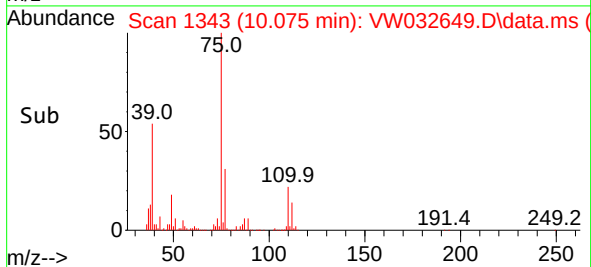
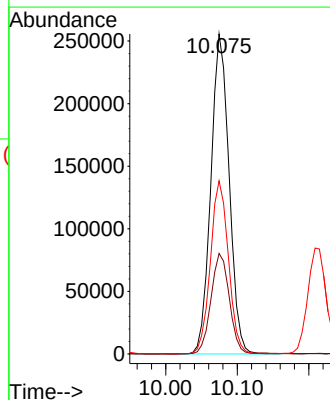
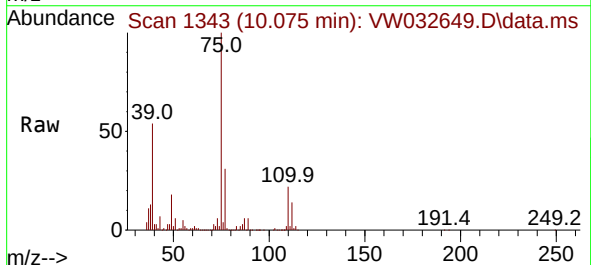
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

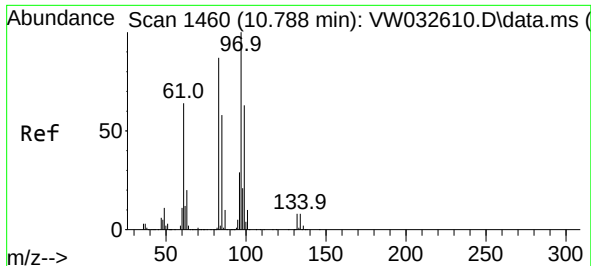
Tgt Ion: 75 Resp: 390632
Ion Ratio Lower Upper
75 100
77 32.0 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 55.576 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

Tgt Ion: 75 Resp: 453092
Ion Ratio Lower Upper
75 100
77 31.4 26.0 39.0
39 54.0 42.5 63.7

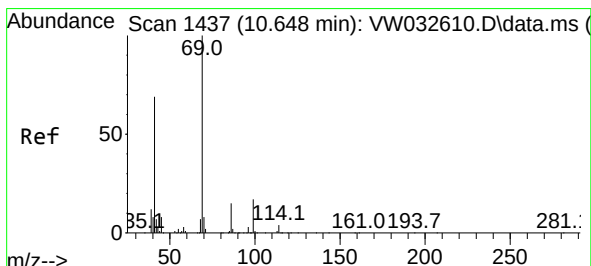
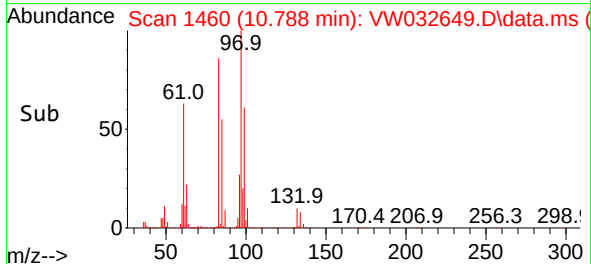
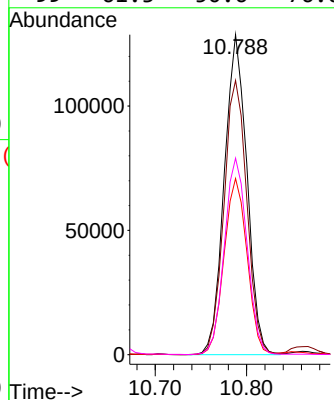
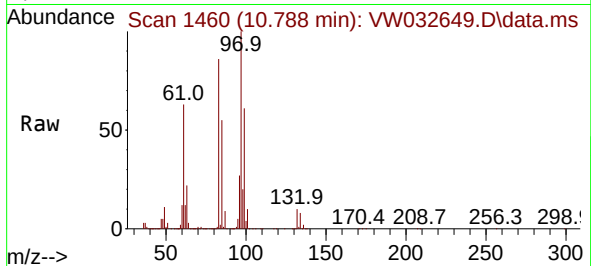




#55
1,1,2-Trichloroethane
Concen: 53.474 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

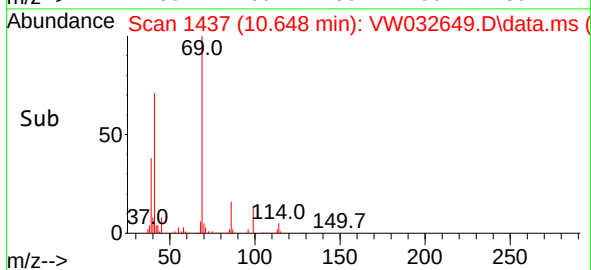
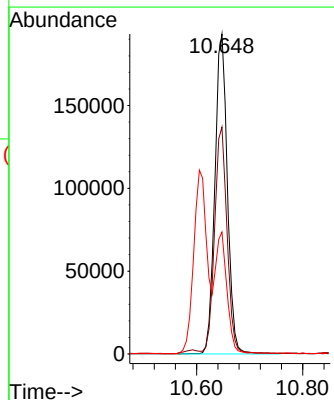
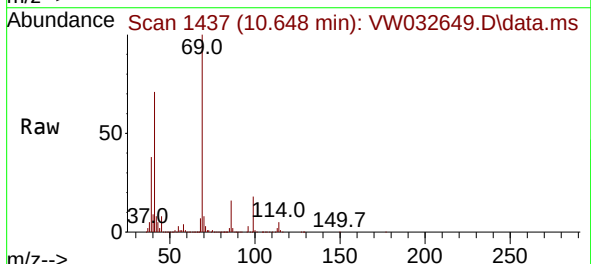
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

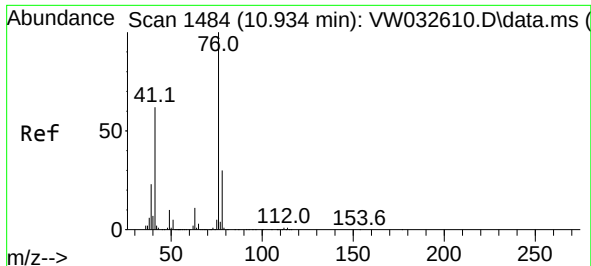
Tgt Ion:	97	Resp:	221630
Ion	Ratio	Lower	Upper
97	100		
83	85.7	69.3	103.9
85	55.0	46.1	69.1
99	61.3	50.6	76.0



#56
Ethyl methacrylate
Concen: 55.008 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

Tgt Ion:	69	Resp:	316606
Ion	Ratio	Lower	Upper
69	100		
41	70.4	57.0	85.6
39	34.2	27.2	40.8





#57

1,3-Dichloropropane

Concen: 53.530 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032649.D

Acq: 16 Dec 2025 10:52

Instrument :

MSVOA_W

ClientSampleId :

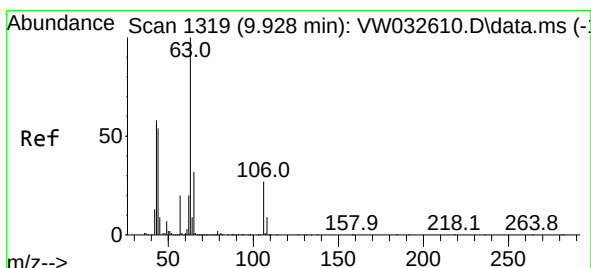
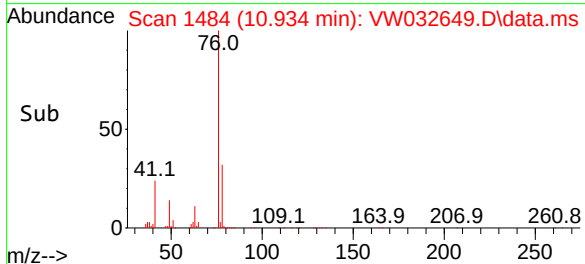
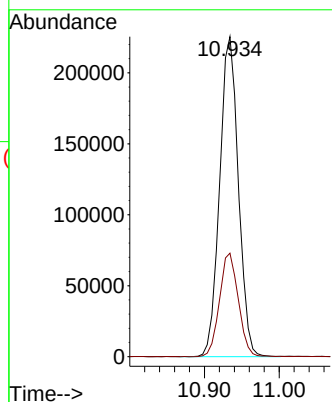
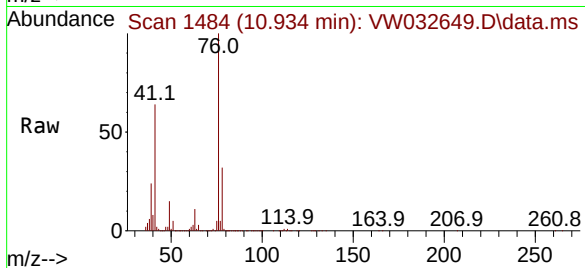
VSTDCCC050

Tgt Ion: 76 Resp: 393021

Ion Ratio Lower Upper

76 100

78 32.6 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 225.227 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.001 min

Lab File: VW032649.D

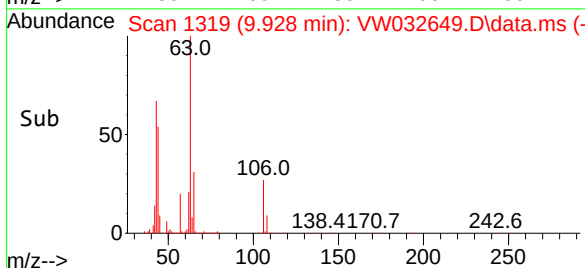
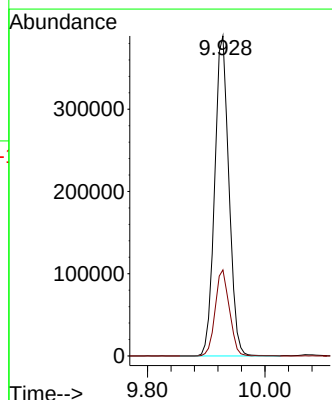
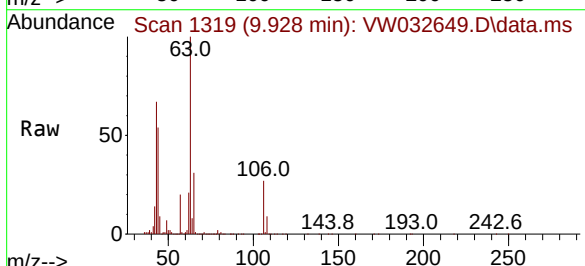
Acq: 16 Dec 2025 10:52

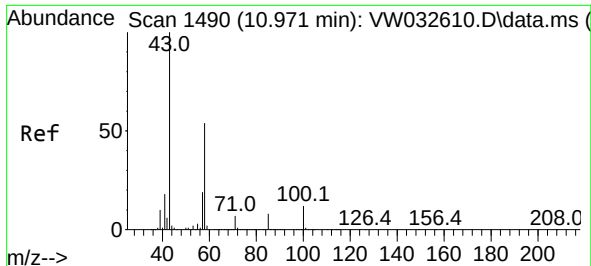
Tgt Ion: 63 Resp: 654132

Ion Ratio Lower Upper

63 100

106 26.8 21.3 31.9

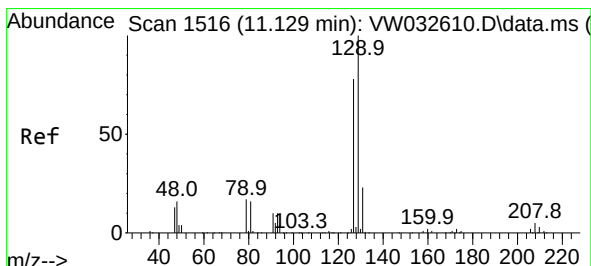
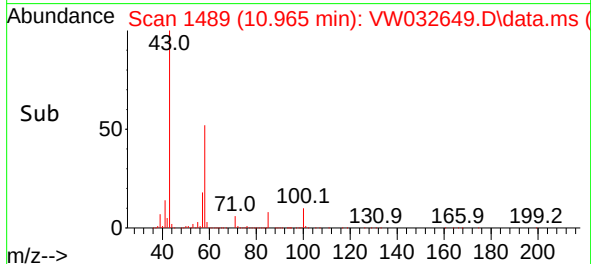
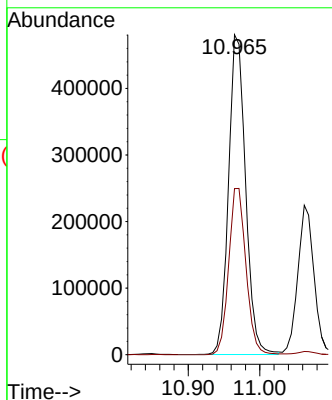
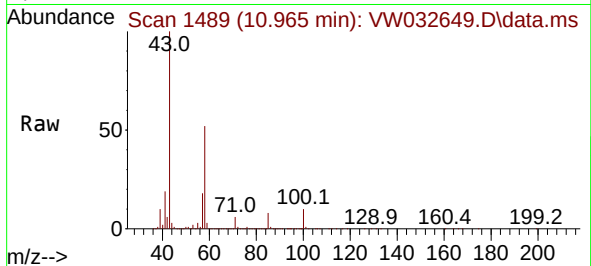




#59
2-Hexanone
Concen: 245.040 ug/l
RT: 10.965 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

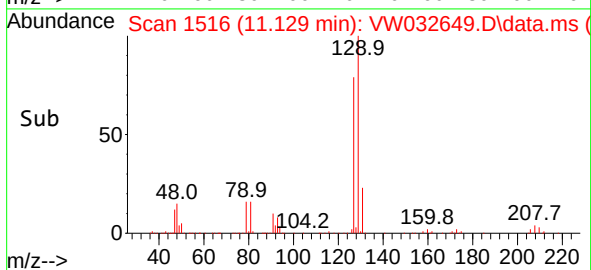
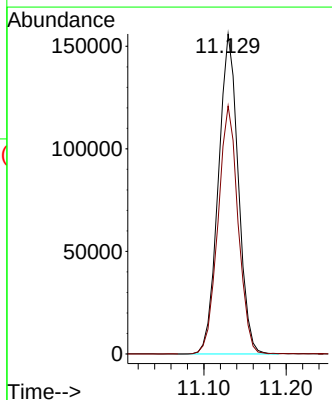
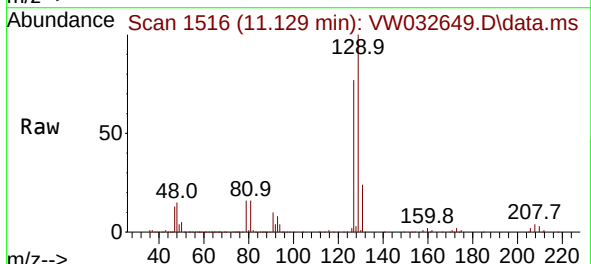
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

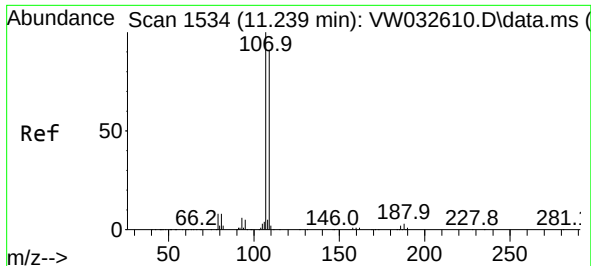
Tgt Ion: 43 Resp: 795113
Ion Ratio Lower Upper
43 100
58 52.8 26.3 78.9



#60
Dibromochloromethane
Concen: 57.189 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

Tgt Ion:129 Resp: 262655
Ion Ratio Lower Upper
129 100
127 78.3 37.2 111.6

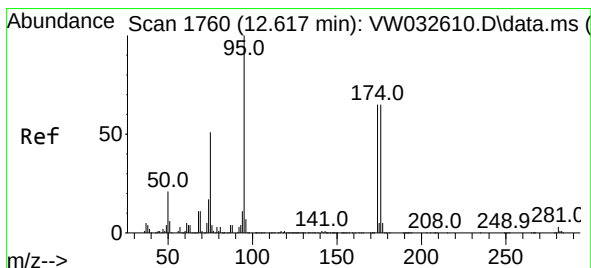
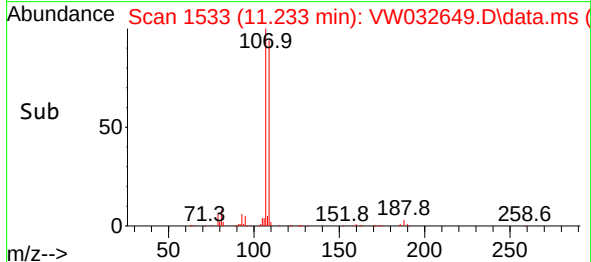
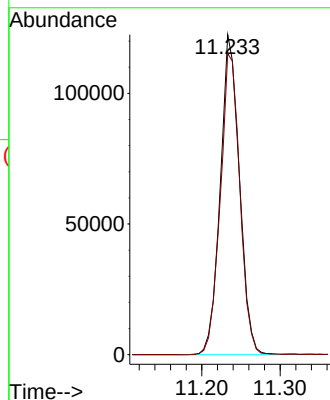
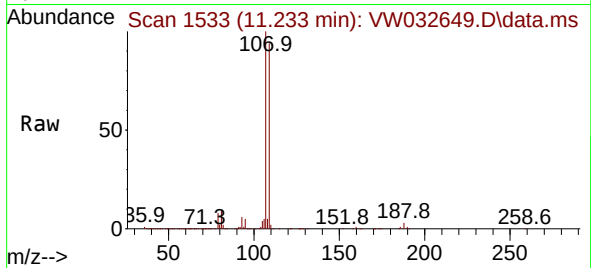




#61
1,2-Dibromoethane
Concen: 52.627 ug/l
RT: 11.233 min Scan# 1533
Delta R.T. -0.006 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

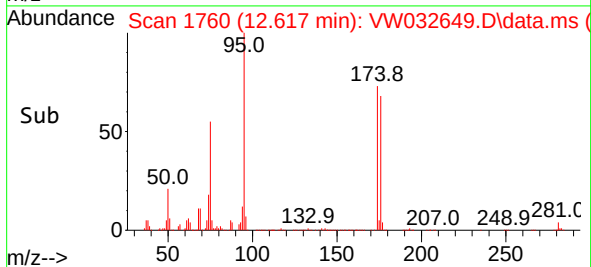
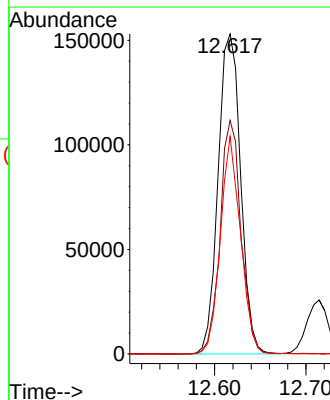
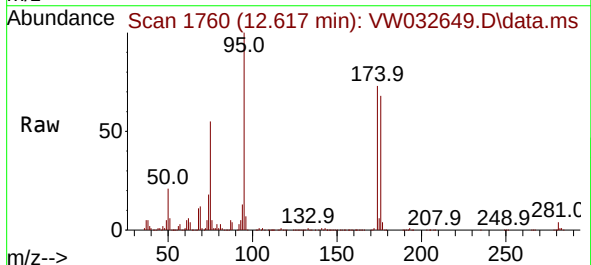
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

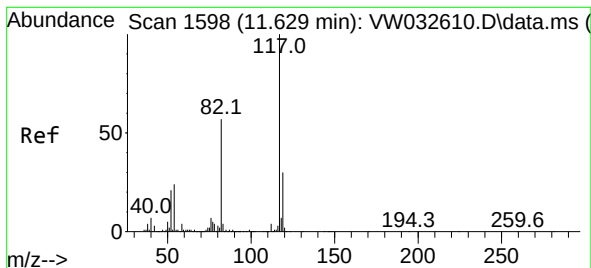
Tgt Ion:107 Resp: 207916
Ion Ratio Lower Upper
107 100
109 96.2 73.0 109.4



#62
4-Bromofluorobenzene
Concen: 42.223 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

Tgt Ion: 95 Resp: 262127
Ion Ratio Lower Upper
95 100
174 68.0 0.0 135.0
176 61.1 0.0 123.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032649.D

Acq: 16 Dec 2025 10:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

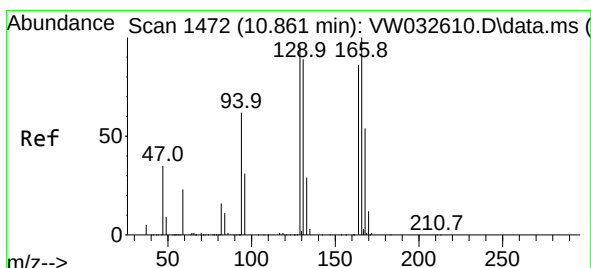
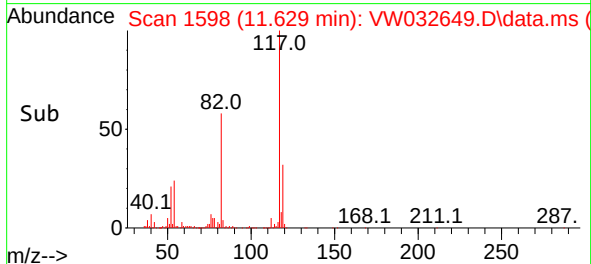
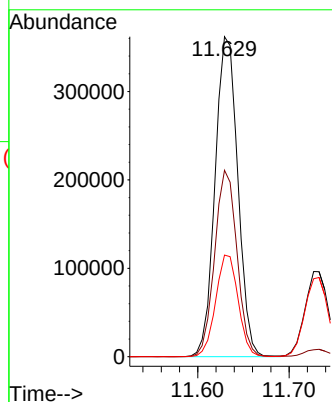
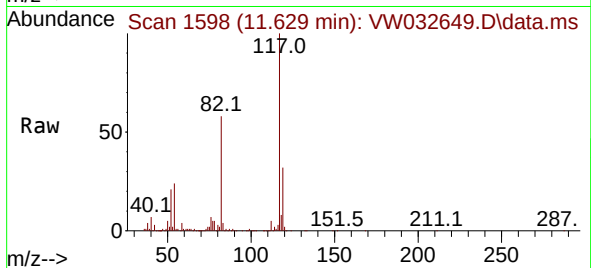
Tgt Ion:117 Resp: 626198

Ion Ratio Lower Upper

117 100

82 58.2 45.5 68.3

119 31.8 23.8 35.8



#64

Tetrachloroethene

Concen: 52.626 ug/l

RT: 10.867 min Scan# 1473

Delta R.T. 0.006 min

Lab File: VW032649.D

Acq: 16 Dec 2025 10:52

Tgt Ion:164 Resp: 210229

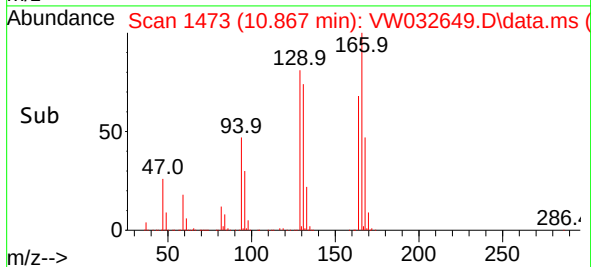
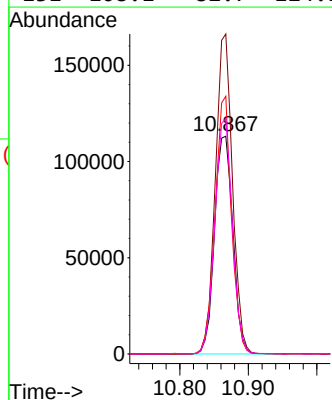
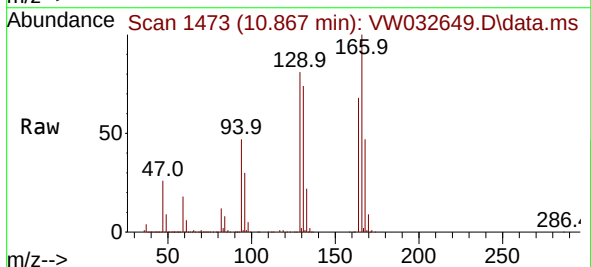
Ion Ratio Lower Upper

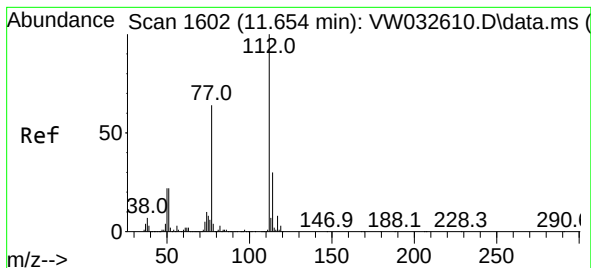
164 100

166 147.0 93.0 139.6#

129 118.4 89.2 133.8

131 108.1 82.7 124.1





#65

Chlorobenzene

Concen: 55.390 ug/l

RT: 11.654 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032649.D

Acq: 16 Dec 2025 10:52

Instrument :

MSVOA_W

ClientSampleId :

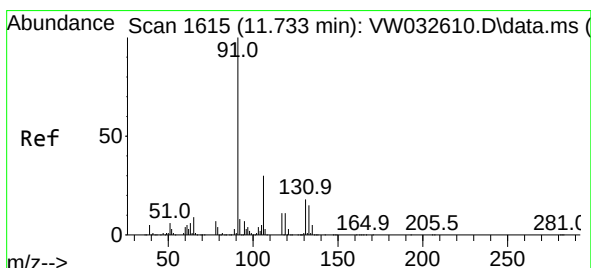
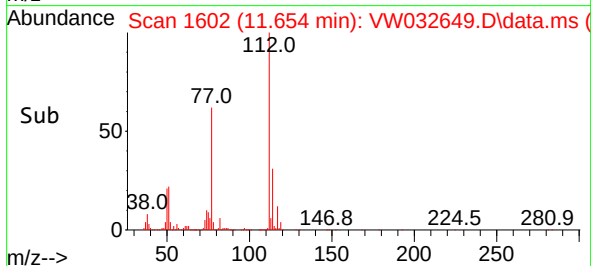
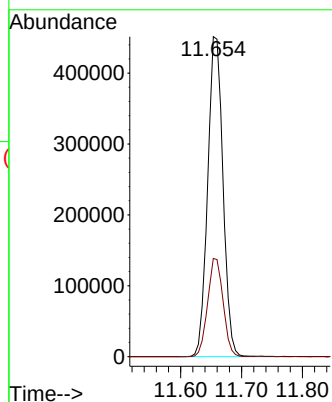
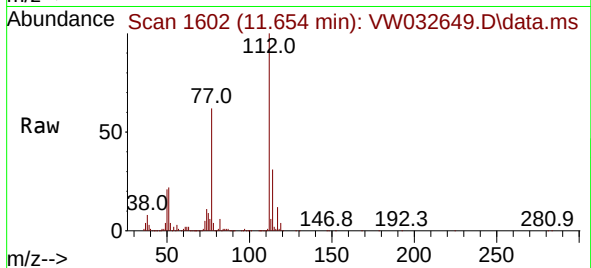
VSTDCCC050

Tgt Ion:112 Resp: 788292

Ion Ratio Lower Upper

112 100

114 30.7 23.8 35.8



#66

1,1,1,2-Tetrachloroethane

Concen: 56.070 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.006 min

Lab File: VW032649.D

Acq: 16 Dec 2025 10:52

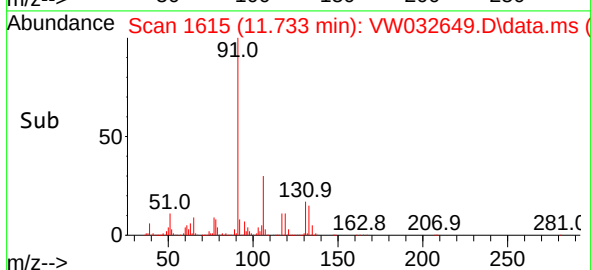
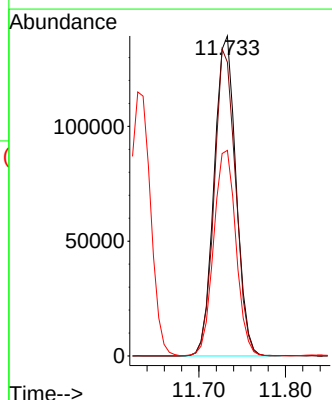
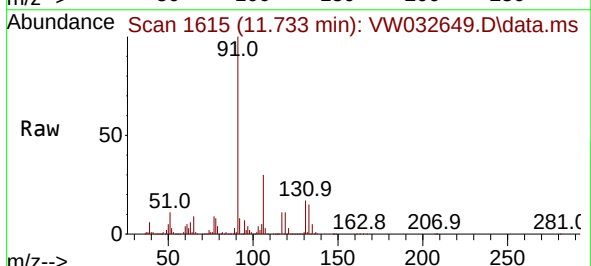
Tgt Ion:131 Resp: 244274

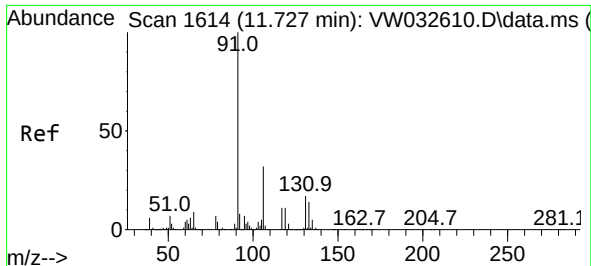
Ion Ratio Lower Upper

131 100

133 94.0 44.0 132.1

119 65.6 32.0 96.2





#67

Ethyl Benzene

Concen: 57.693 ug/l

RT: 11.733 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032649.D

Acq: 16 Dec 2025 10:52

Instrument :

MSVOA_W

ClientSampleId :

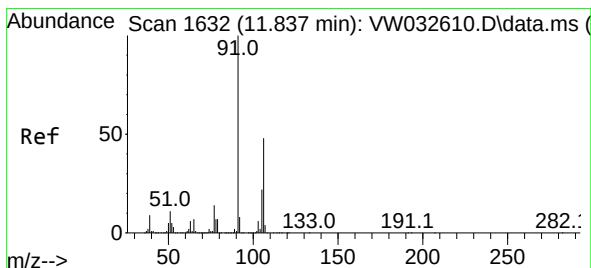
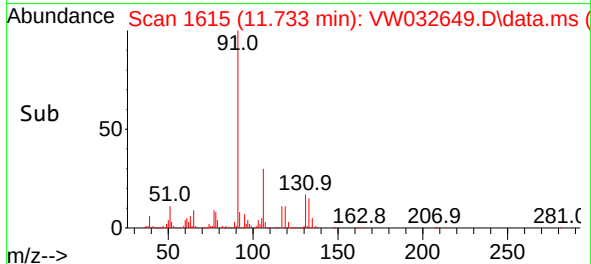
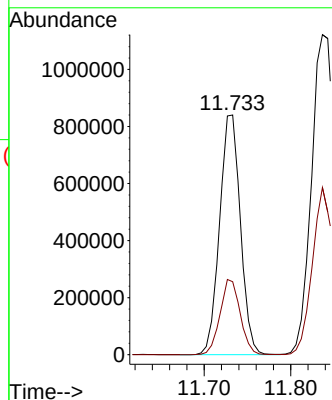
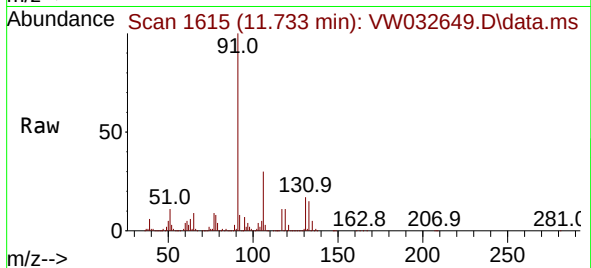
VSTDCCC050

Tgt Ion: 91 Resp: 1403367

Ion Ratio Lower Upper

91 100

106 30.5 25.8 38.6



#68

m/p-Xylenes

Concen: 113.081 ug/l

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032649.D

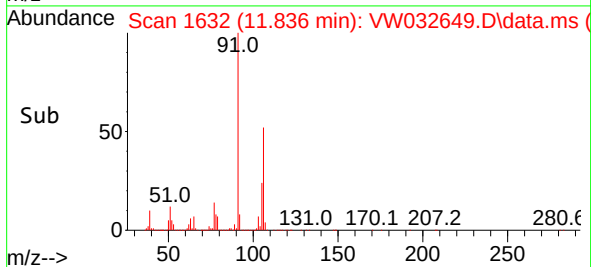
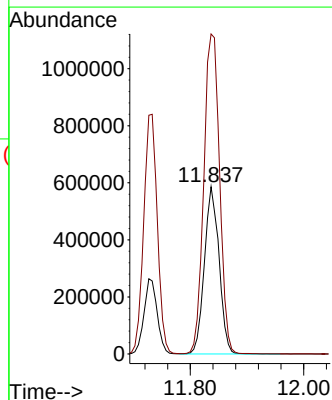
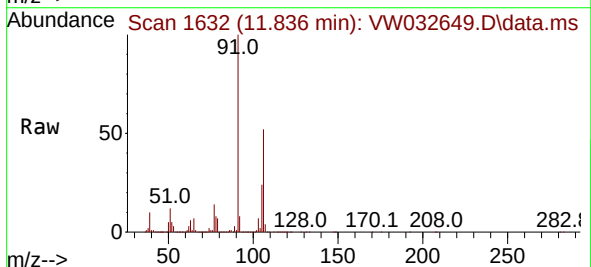
Acq: 16 Dec 2025 10:52

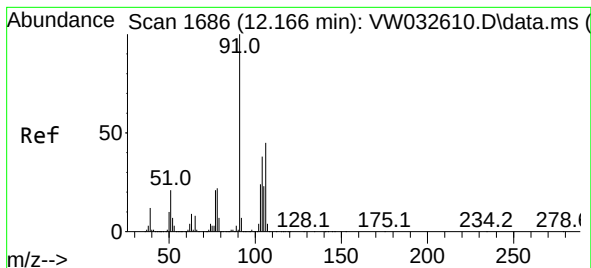
Tgt Ion:106 Resp: 1049128

Ion Ratio Lower Upper

106 100

91 207.0 165.6 248.4

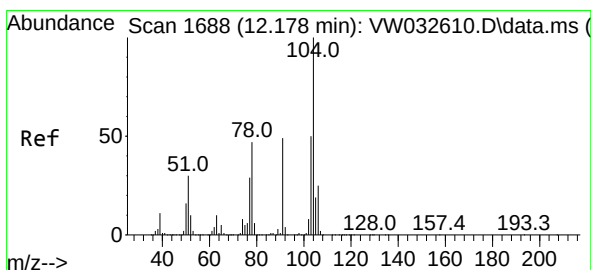
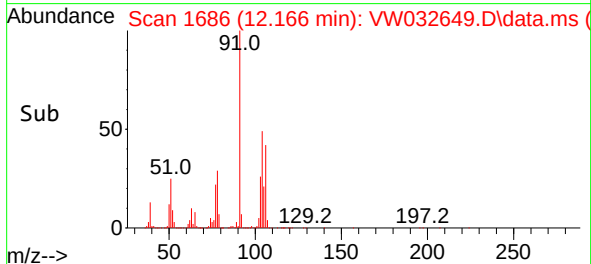
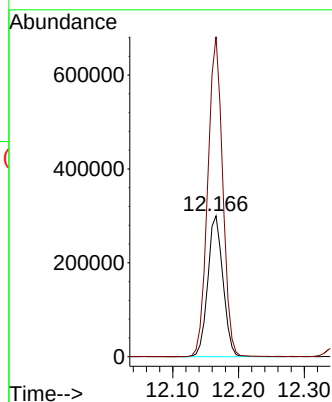
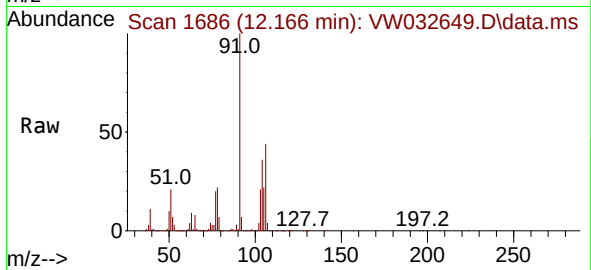




#69
o-Xylene
Concen: 56.780 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

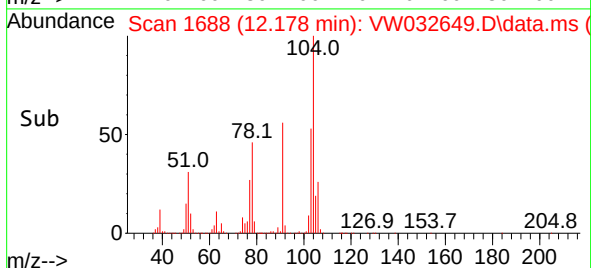
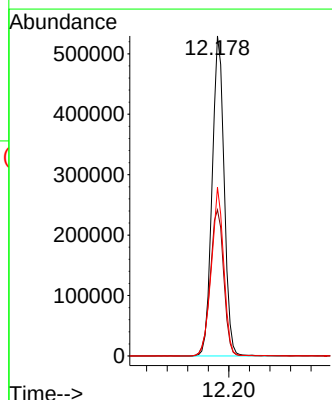
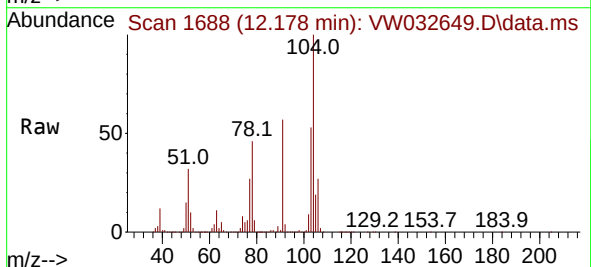
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

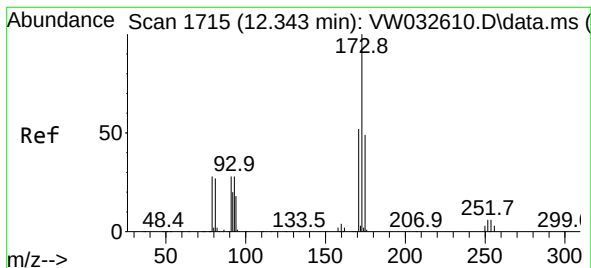
Tgt Ion:106 Resp: 481259
Ion Ratio Lower Upper
106 100
91 223.7 108.3 324.8



#70
Styrene
Concen: 58.398 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

Tgt Ion:104 Resp: 862421
Ion Ratio Lower Upper
104 100
78 50.8 41.5 62.3
103 54.1 43.8 65.6





#71

Bromoform

Concen: 53.533 ug/l

RT: 12.349 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032649.D

Acq: 16 Dec 2025 10:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

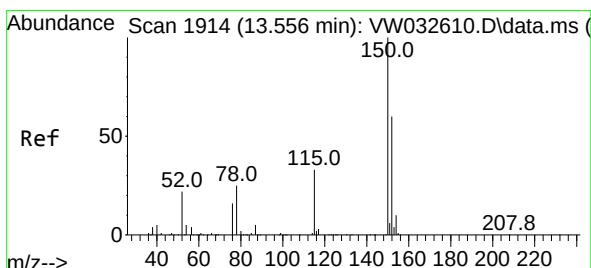
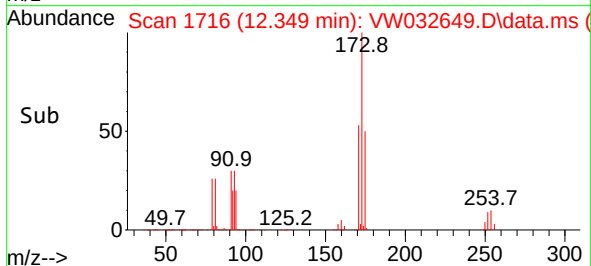
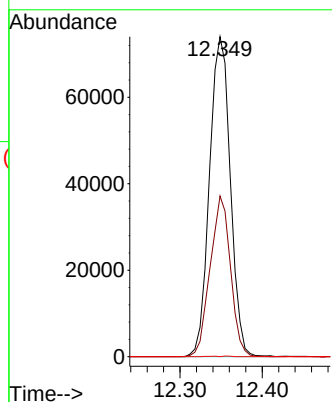
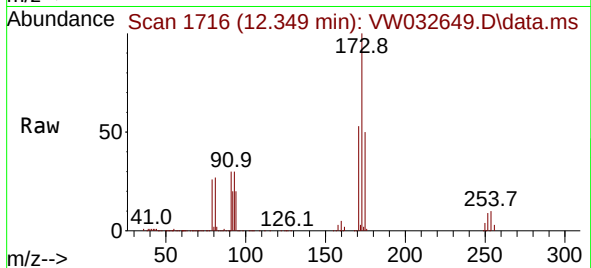
Tgt Ion:173 Resp: 130302

Ion Ratio Lower Upper

173 100

175 49.1 24.9 74.7

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032649.D

Acq: 16 Dec 2025 10:52

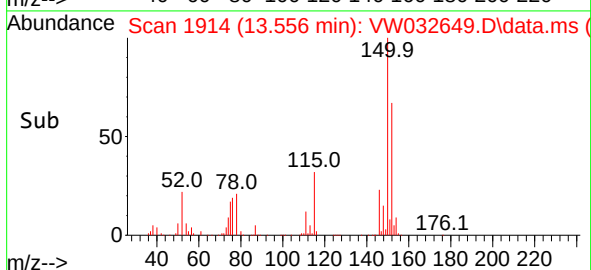
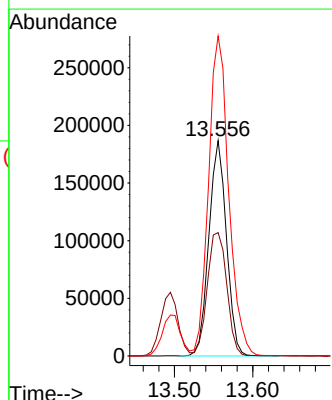
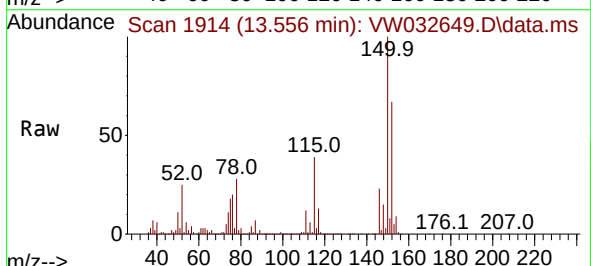
Tgt Ion:152 Resp: 290318

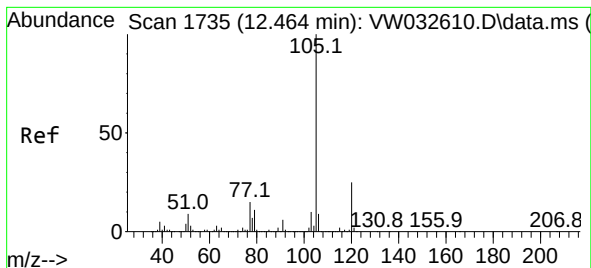
Ion Ratio Lower Upper

152 100

115 63.6 33.8 101.3

150 170.5 0.0 369.4

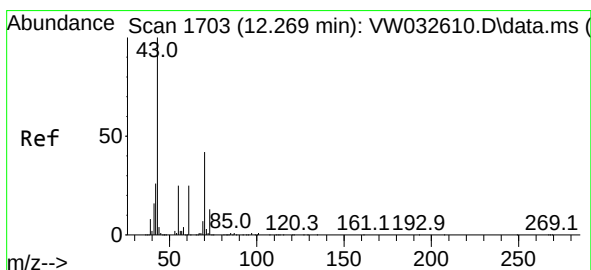
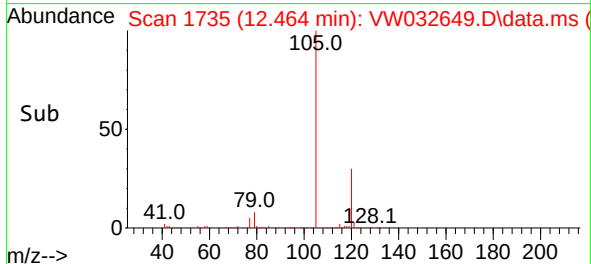
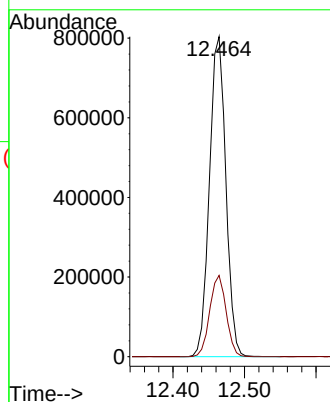
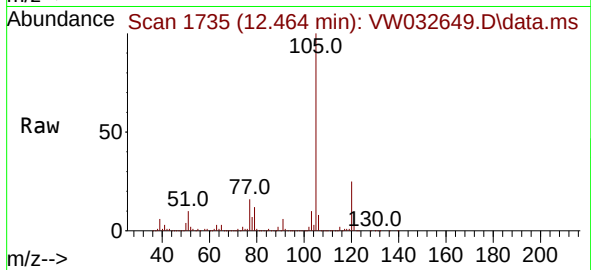




#73
Isopropylbenzene
Concen: 58.584 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

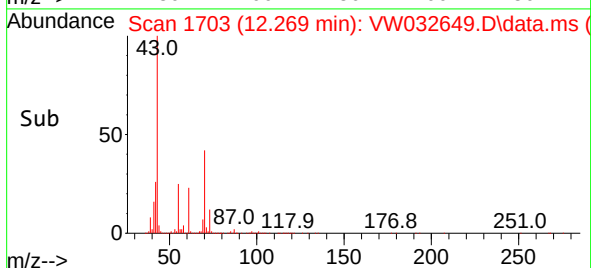
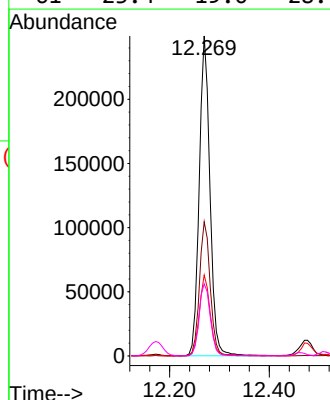
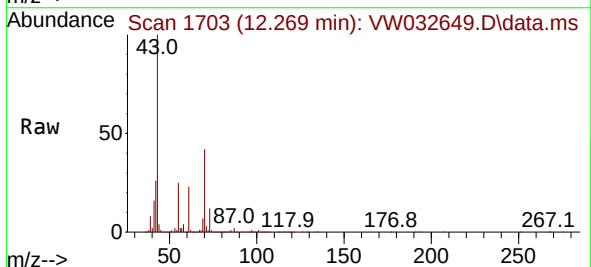
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

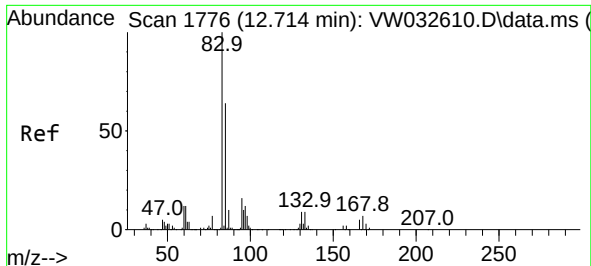
Tgt Ion:105 Resp: 1279748
Ion Ratio Lower Upper
105 100
120 25.5 13.0 39.0



#74
N-ethyl acetate
Concen: 51.976 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

Tgt Ion: 43 Resp: 370936
Ion Ratio Lower Upper
43 100
70 42.5 32.4 48.6
55 25.8 19.8 29.6
61 23.4 19.0 28.4

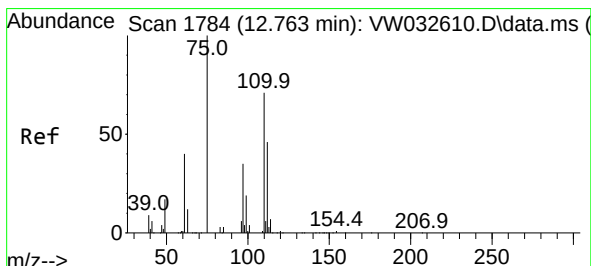
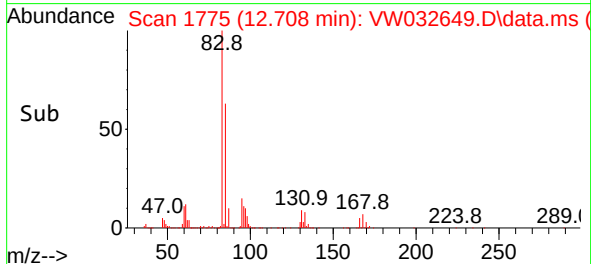
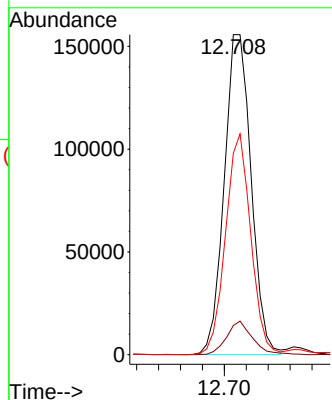
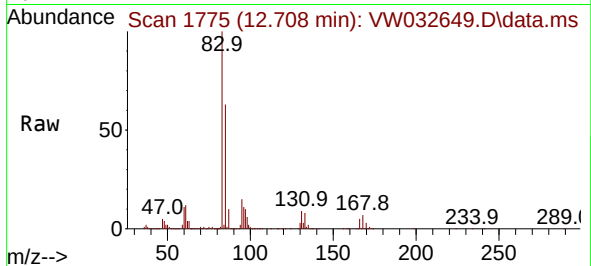




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.077 ug/l
 RT: 12.708 min Scan# 1775
 Delta R.T. -0.000 min
 Lab File: VW032649.D
 Acq: 16 Dec 2025 10:52

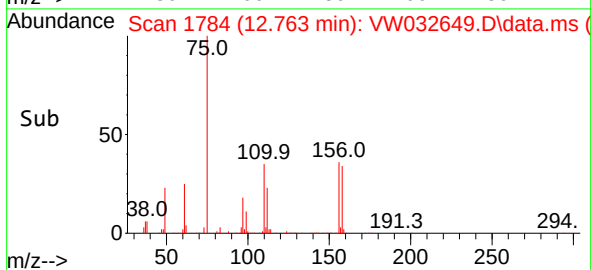
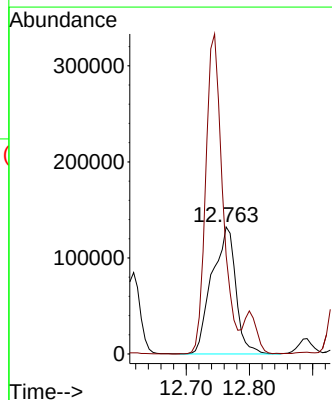
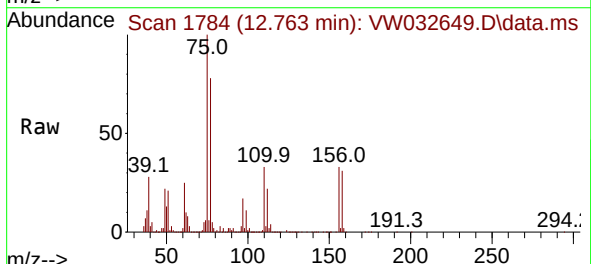
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

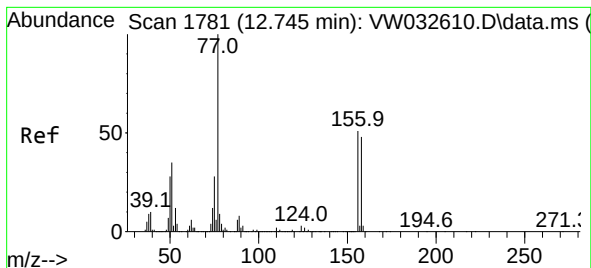
Tgt Ion: 83 Resp: 265183
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.0 14.9
 85 64.7 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 51.918 ug/l
 RT: 12.763 min Scan# 1784
 Delta R.T. -0.000 min
 Lab File: VW032649.D
 Acq: 16 Dec 2025 10:52

Tgt Ion: 75 Resp: 344286
 Ion Ratio Lower Upper
 75 100
 77 180.0 154.0 462.0





#77

Bromobenzene

Concen: 56.123 ug/l

RT: 12.745 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VW032649.D

Acq: 16 Dec 2025 10:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

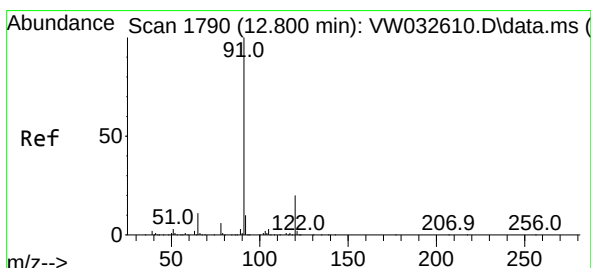
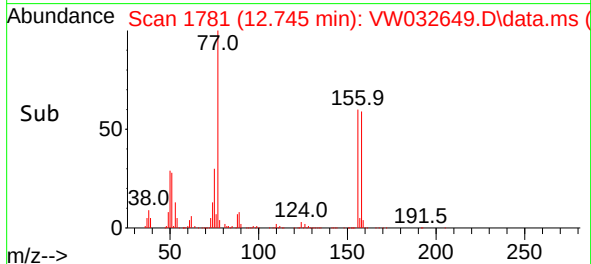
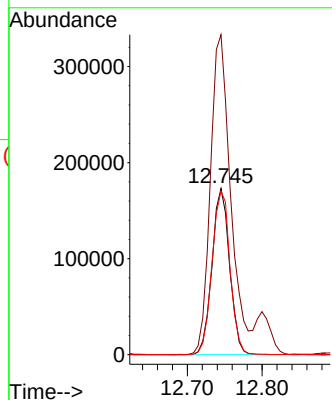
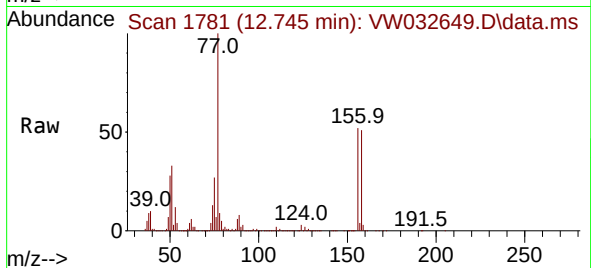
Tgt Ion:156 Resp: 282491

Ion Ratio Lower Upper

156 100

77 219.4 116.7 350.1

158 100.9 49.9 149.7



#78

n-propylbenzene

Concen: 58.030 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VW032649.D

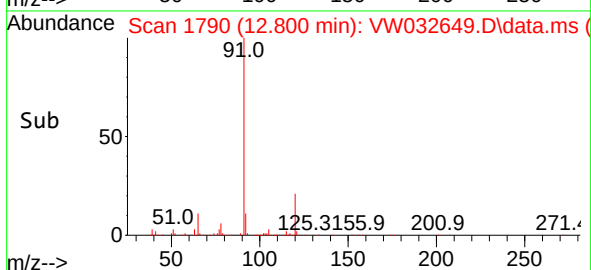
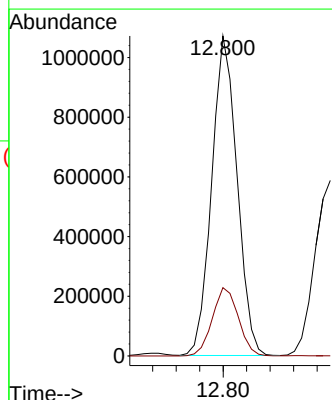
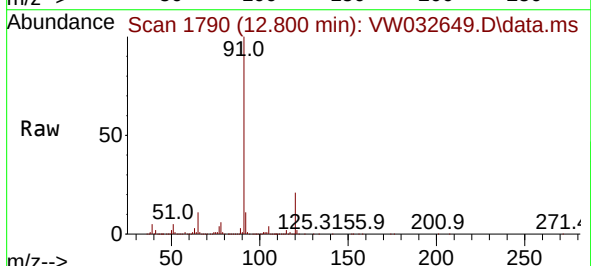
Acq: 16 Dec 2025 10:52

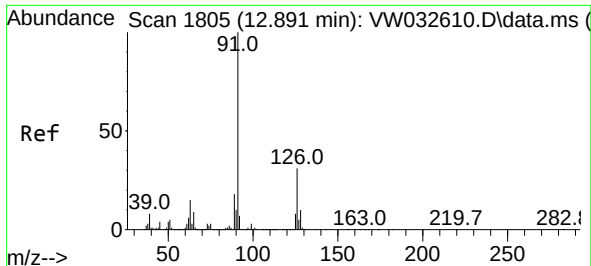
Tgt Ion: 91 Resp: 1606163

Ion Ratio Lower Upper

91 100

120 21.9 10.9 32.6

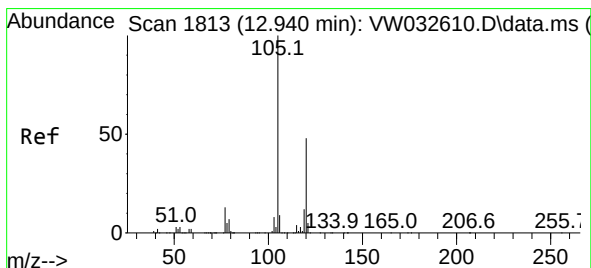
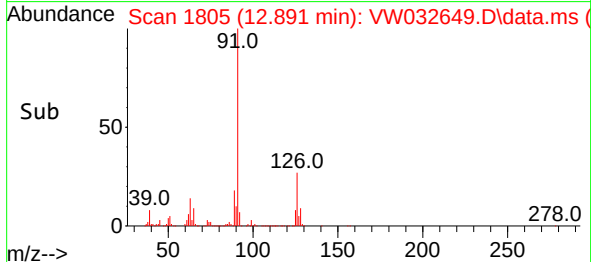
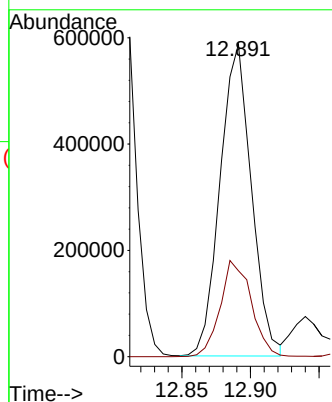
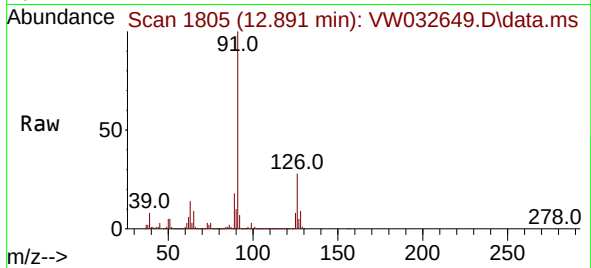




#79
2-Chlorotoluene
Concen: 56.505 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

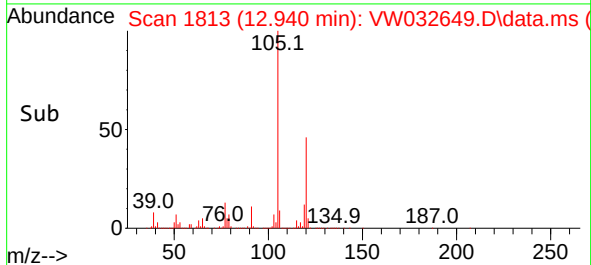
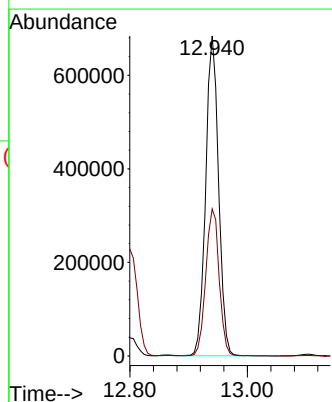
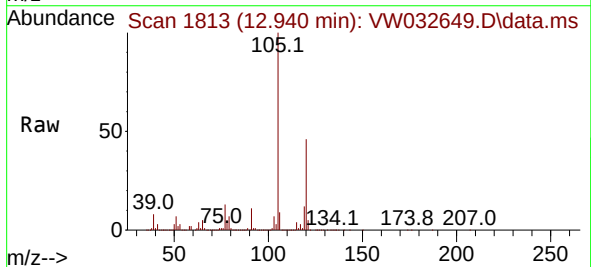
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

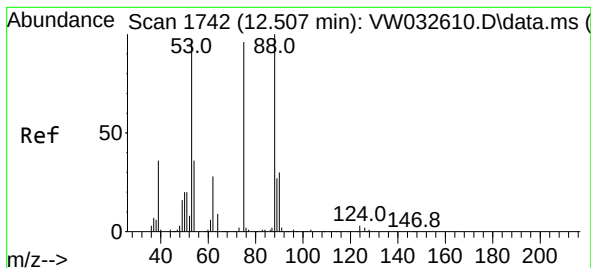
Tgt Ion: 91 Resp: 931598
Ion Ratio Lower Upper
91 100
126 30.8 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 57.250 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

Tgt Ion: 105 Resp: 1042607
Ion Ratio Lower Upper
105 100
120 47.6 24.3 72.8

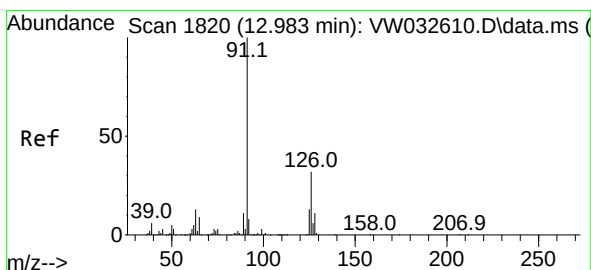
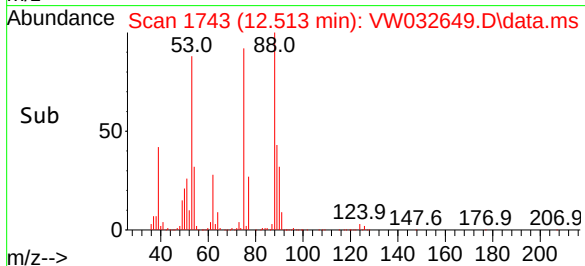
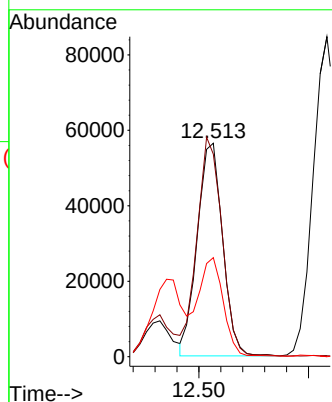
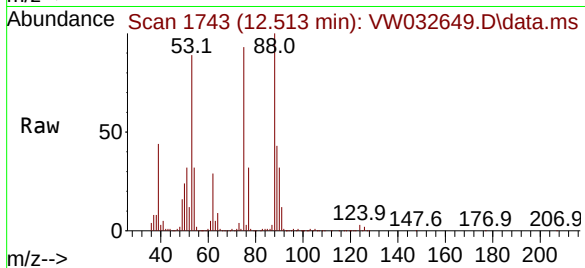




#81
trans-1,4-Dichloro-2-butene
Concen: 53.581 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

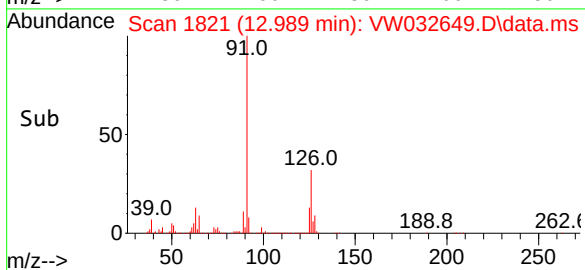
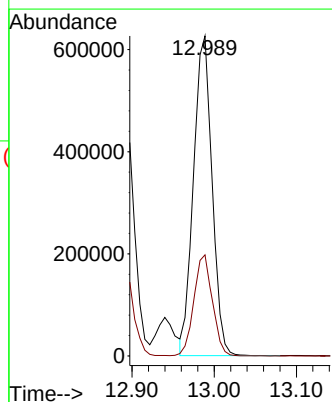
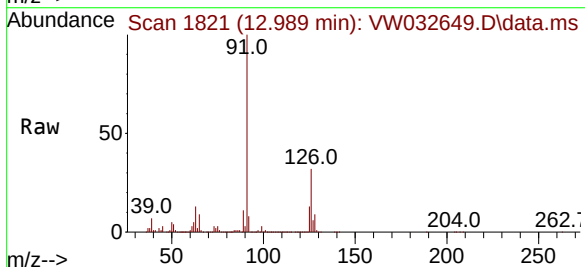
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

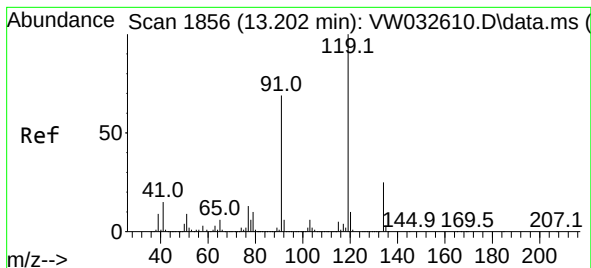
Tgt Ion: 75 Resp: 90732
Ion Ratio Lower Upper
75 100
53 101.8 86.1 129.1
89 45.9 37.4 56.2



#82
4-Chlorotoluene
Concen: 56.086 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

Tgt Ion: 91 Resp: 981935
Ion Ratio Lower Upper
91 100
126 31.6 15.8 47.4

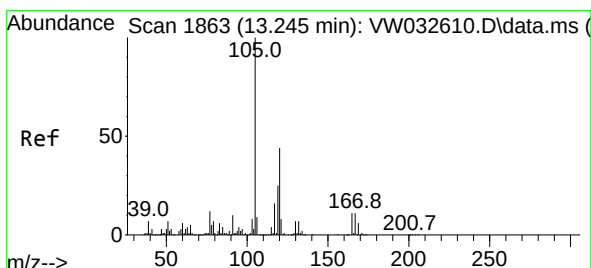
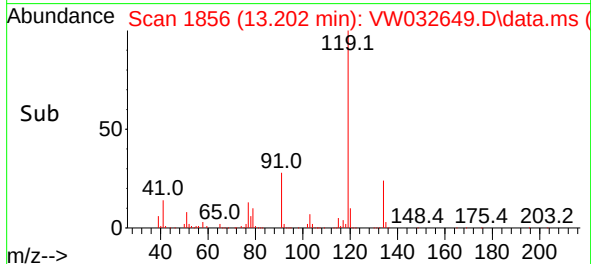
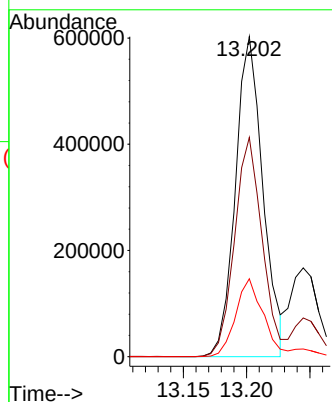
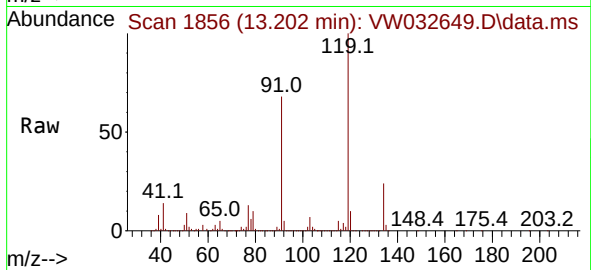




#83
tert-Butylbenzene
Concen: 58.438 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

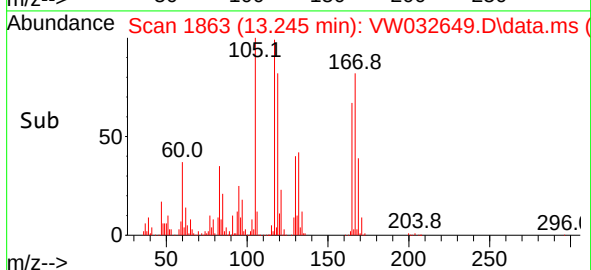
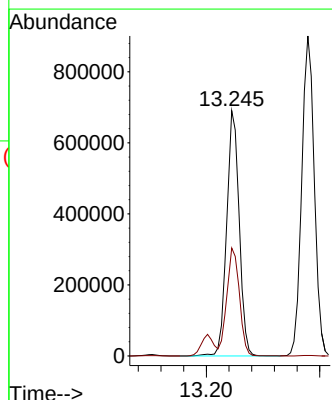
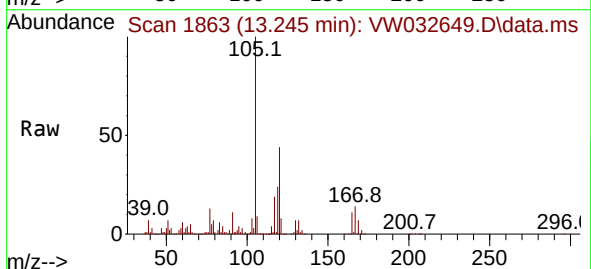
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

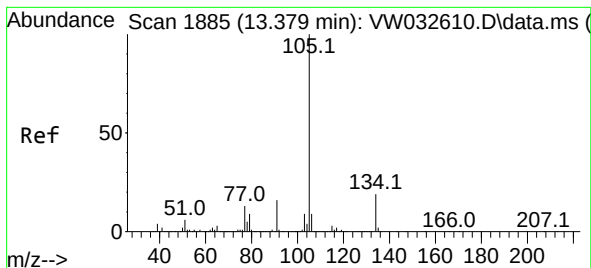
Tgt Ion:119 Resp: 913381
Ion Ratio Lower Upper
119 100
91 69.5 34.3 102.8
134 24.4 12.6 37.8



#84
1,2,4-Trimethylbenzene
Concen: 57.180 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

Tgt Ion:105 Resp: 1058027
Ion Ratio Lower Upper
105 100
120 44.2 22.4 67.0





#85

sec-Butylbenzene

Concen: 58.009 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VW032649.D

Acq: 16 Dec 2025 10:52

Instrument :

MSVOA_W

ClientSampleId :

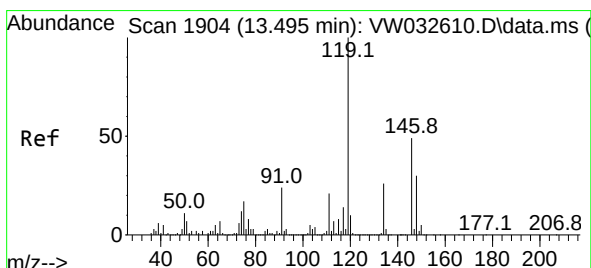
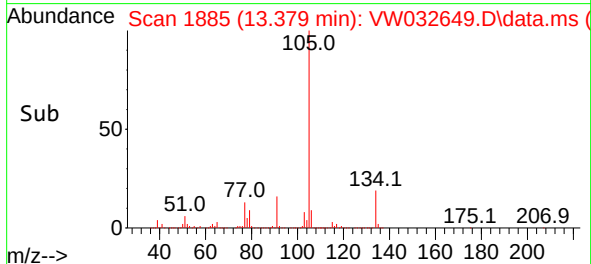
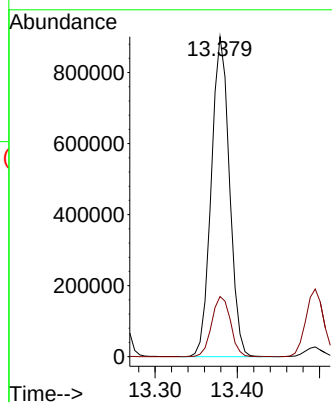
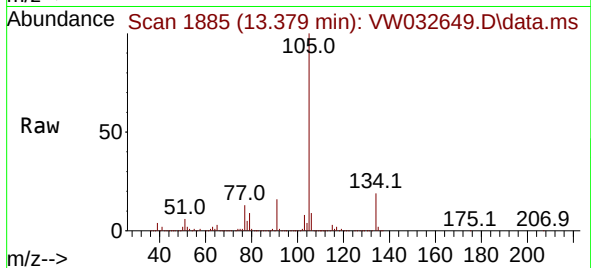
VSTDCCC050

Tgt Ion:105 Resp: 1383294

Ion Ratio Lower Upper

105 100

134 19.4 9.7 28.9



#86

p-Isopropyltoluene

Concen: 58.251 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032649.D

Acq: 16 Dec 2025 10:52

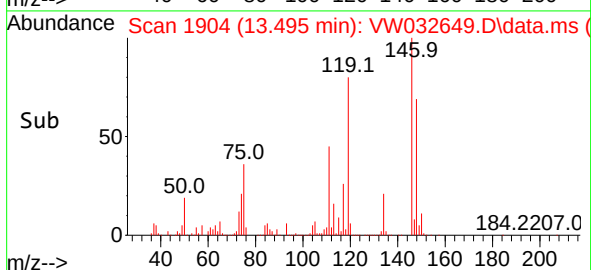
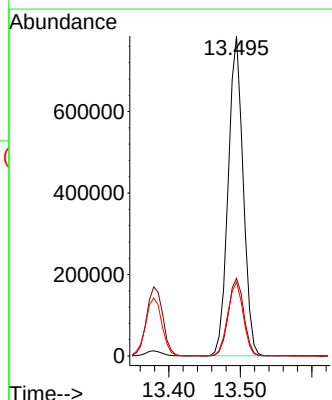
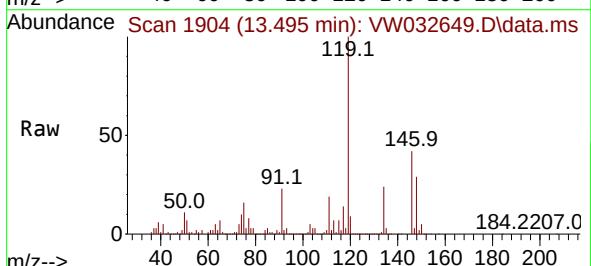
Tgt Ion:119 Resp: 1137438

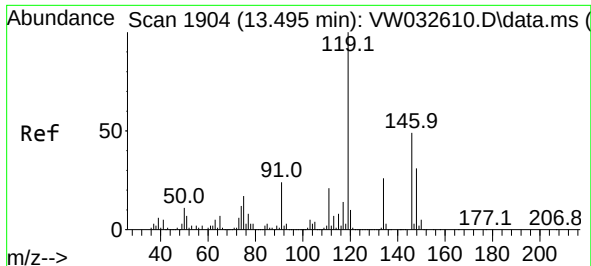
Ion Ratio Lower Upper

119 100

134 25.2 13.0 39.0

91 23.8 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 55.466 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032649.D

Acq: 16 Dec 2025 10:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

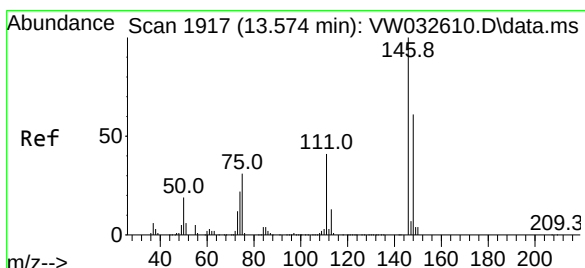
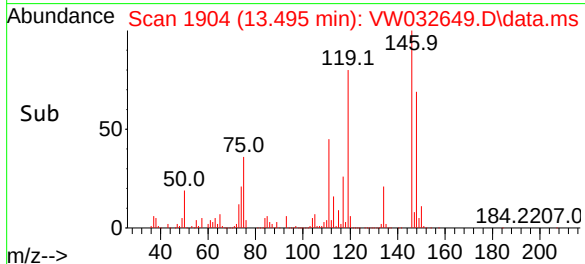
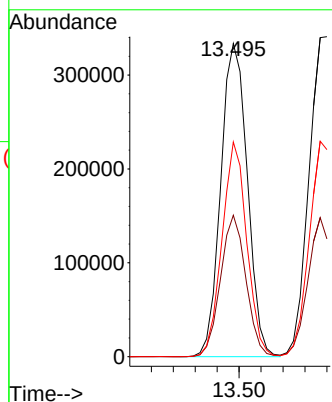
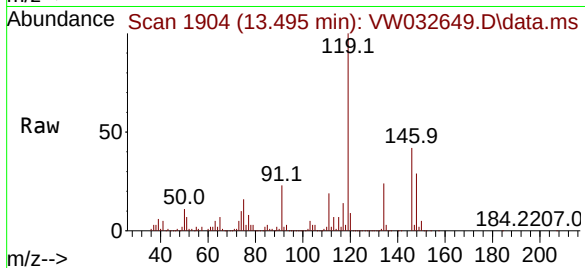
Tgt Ion:146 Resp: 561896

Ion Ratio Lower Upper

146 100

111 43.3 21.6 64.6

148 63.9 31.1 93.3



#88

1,4-Dichlorobenzene

Concen: 55.283 ug/l

RT: 13.580 min Scan# 1918

Delta R.T. 0.006 min

Lab File: VW032649.D

Acq: 16 Dec 2025 10:52

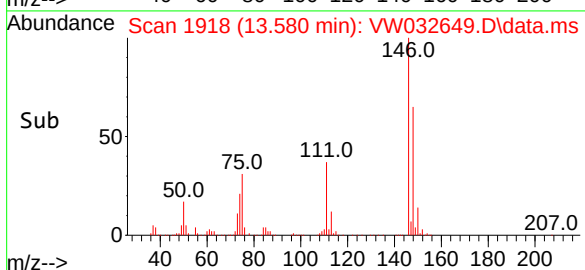
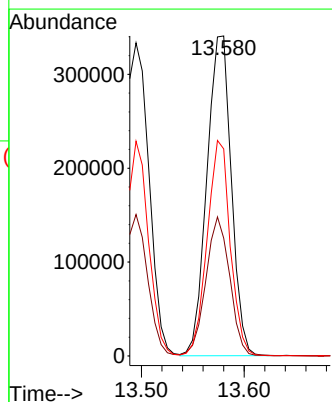
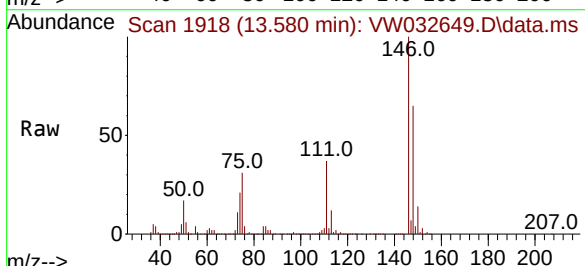
Tgt Ion:146 Resp: 562619

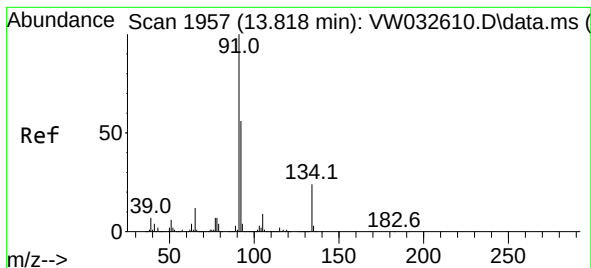
Ion Ratio Lower Upper

146 100

111 42.5 20.9 62.8

148 63.9 30.4 91.2





#89

n-Butylbenzene

Concen: 58.743 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW032649.D

Acq: 16 Dec 2025 10:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

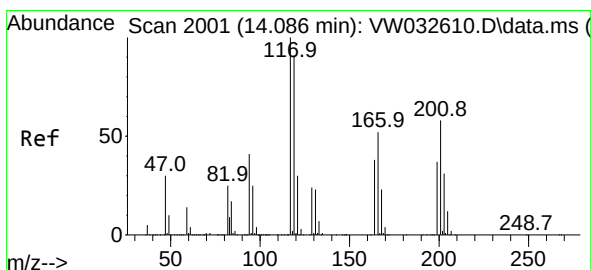
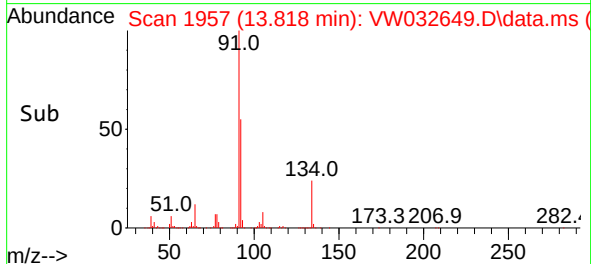
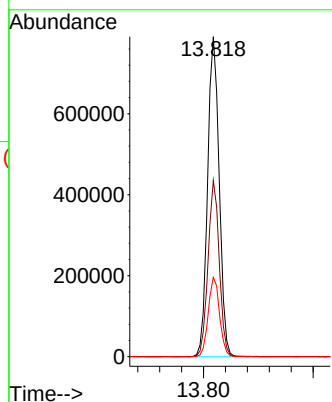
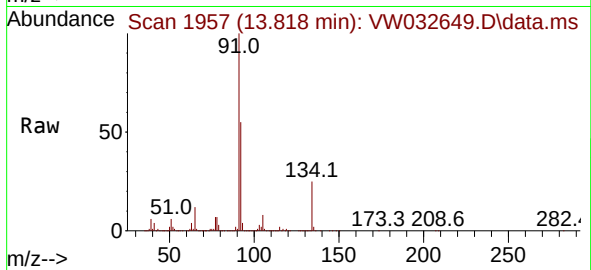
Tgt Ion: 91 Resp: 1153513

Ion Ratio Lower Upper

91 100

92 53.3 27.4 82.0

134 24.2 11.8 35.4



#90

Hexachloroethane

Concen: 54.289 ug/l

RT: 14.092 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VW032649.D

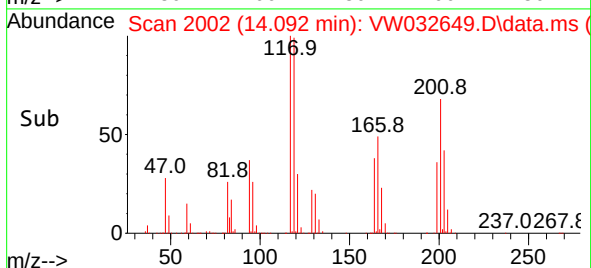
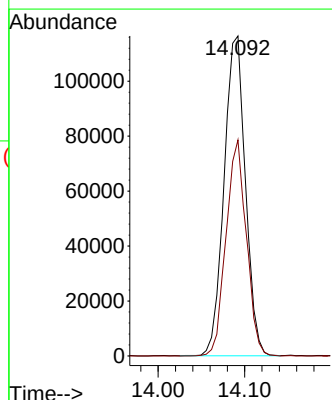
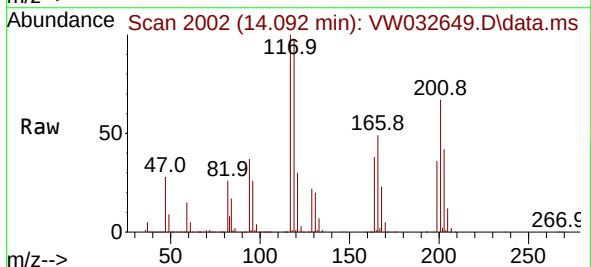
Acq: 16 Dec 2025 10:52

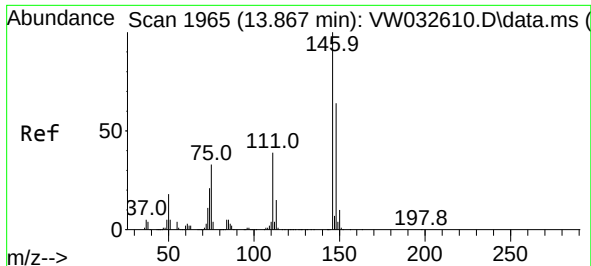
Tgt Ion: 117 Resp: 199238

Ion Ratio Lower Upper

117 100

201 64.4 30.4 91.2

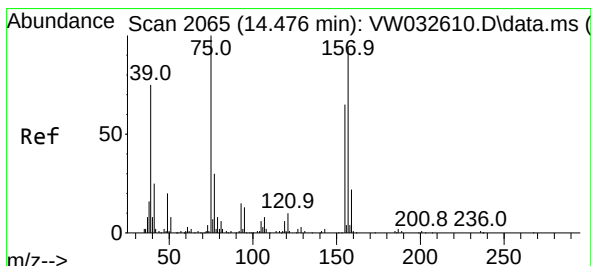
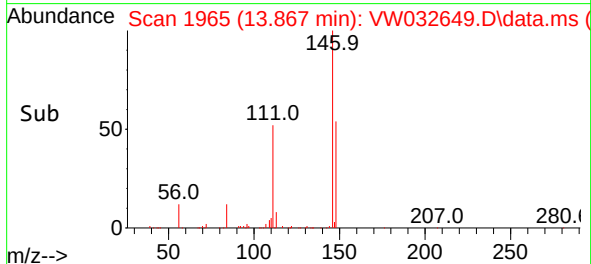
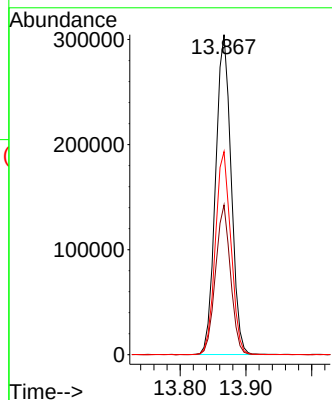
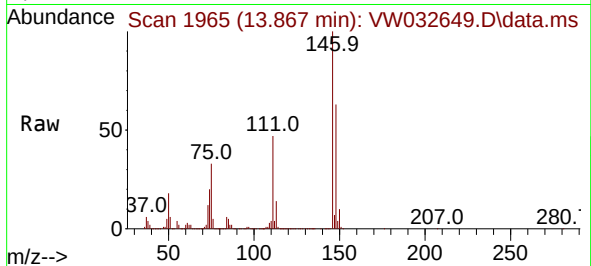




#91
1,2-Dichlorobenzene
Concen: 54.653 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

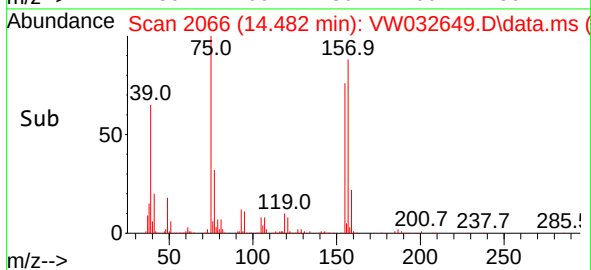
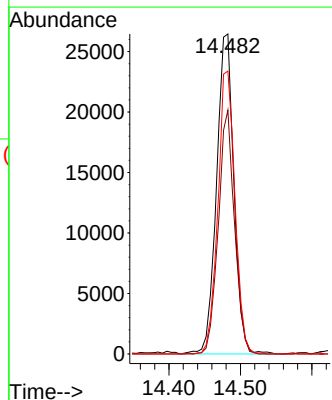
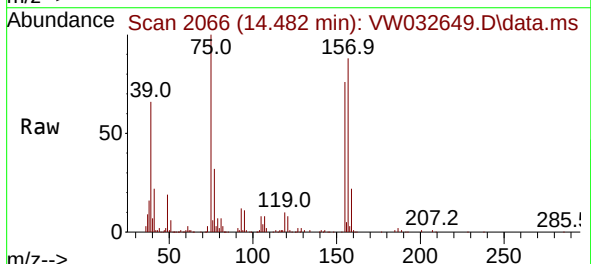
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

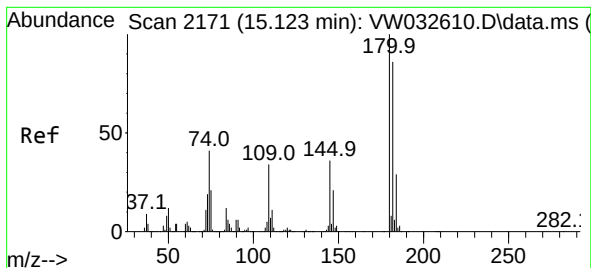
Tgt Ion:146 Resp: 501221
Ion Ratio Lower Upper
146 100
111 45.2 21.5 64.5
148 63.4 32.4 97.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.033 ug/l
RT: 14.482 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW032649.D
Acq: 16 Dec 2025 10:52

Tgt Ion: 75 Resp: 44701
Ion Ratio Lower Upper
75 100
155 70.9 35.3 105.9
157 86.7 44.8 134.4





#93

1,2,4-Trichlorobenzene

Concen: 53.314 ug/l

RT: 15.129 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW032649.D

Acq: 16 Dec 2025 10:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

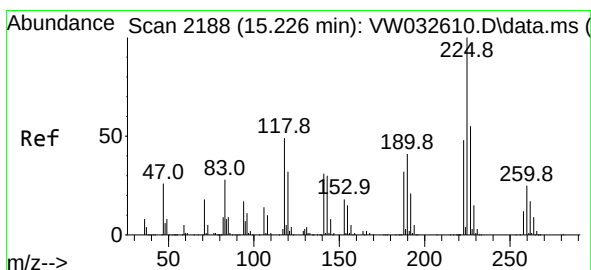
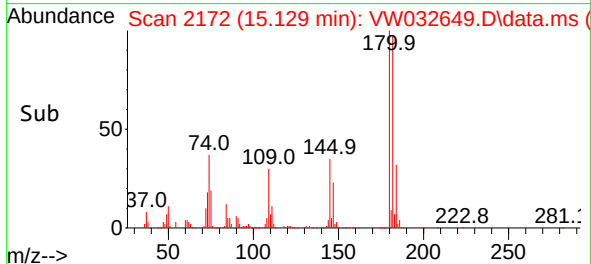
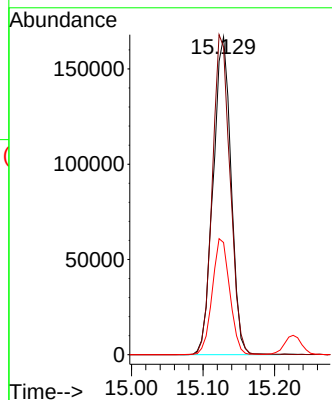
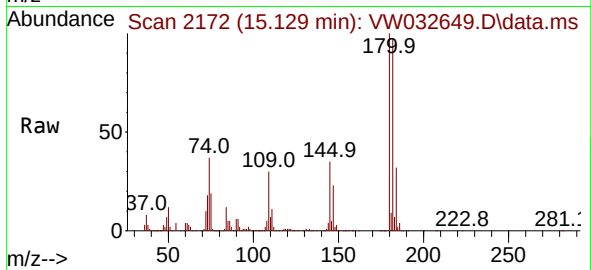
Tgt Ion:180 Resp: 289422

Ion Ratio Lower Upper

180 100

182 99.9 46.9 140.6

145 35.8 17.1 51.3



#94

Hexachlorobutadiene

Concen: 55.525 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.000 min

Lab File: VW032649.D

Acq: 16 Dec 2025 10:52

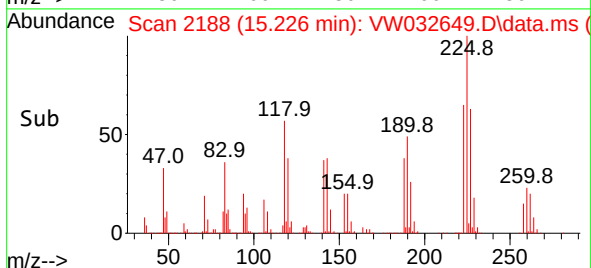
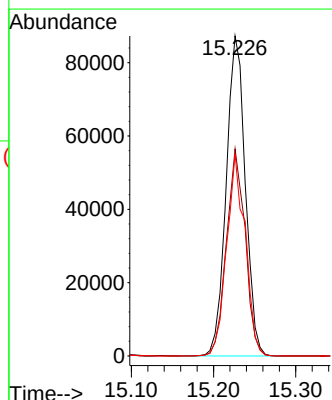
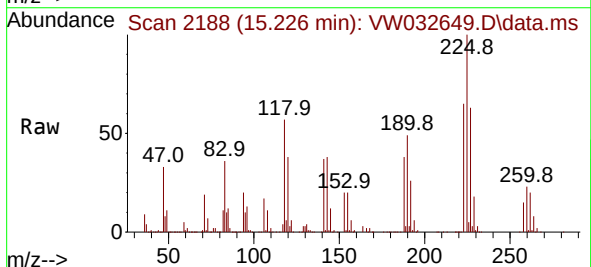
Tgt Ion:225 Resp: 140859

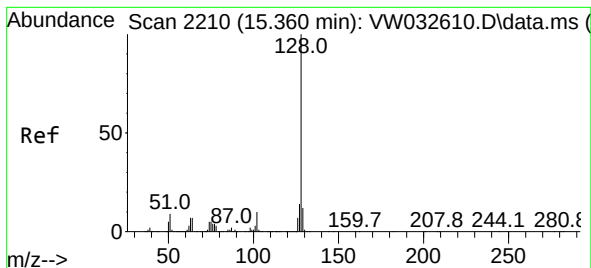
Ion Ratio Lower Upper

225 100

223 63.5 30.3 90.8

227 61.5 29.1 87.4





#95

Naphthalene

Concen: 54.062 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW032649.D

Acq: 16 Dec 2025 10:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

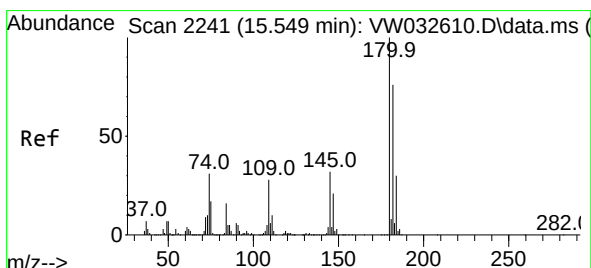
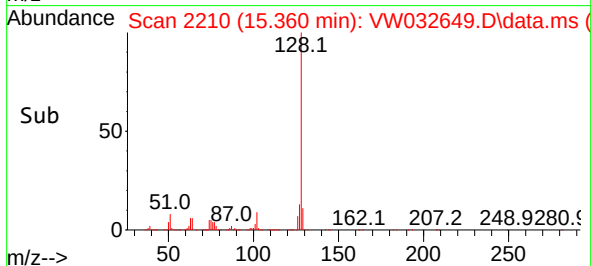
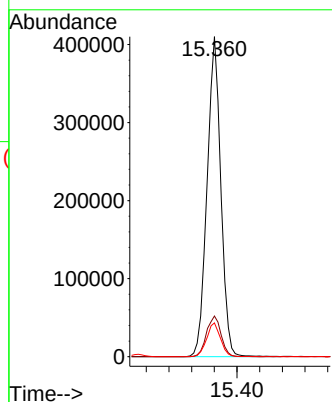
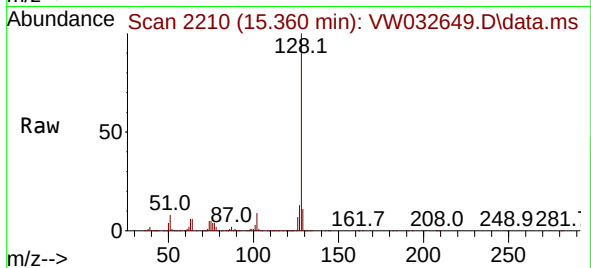
Tgt Ion:128 Resp: 689922

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 10.6 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 56.606 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW032649.D

Acq: 16 Dec 2025 10:52

Tgt Ion:180 Resp: 276078

Ion Ratio Lower Upper

180 100

182 97.3 45.9 137.6

145 35.4 17.0 51.0

