

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121225\
 Data File : VW032641.D
 Acq On : 12 Dec 2025 08:26
 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 12 23:37:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 01:56:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	376326	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	642579	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	595450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	274486	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.319	65	255971	43.721	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	87.440%
35) Dibromofluoromethane	7.904	113	204961	45.100	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	90.200%
50) Toluene-d8	10.325	98	778947	47.235	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	94.460%
62) 4-Bromofluorobenzene	12.617	95	291123	48.083	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	96.160%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	98926	42.333	ug/l	99
3) Chloromethane	2.253	50	163808	39.736	ug/l	94
4) Vinyl Chloride	2.405	62	226260	45.997	ug/l	100
5) Bromomethane	2.820	94	149233	45.550	ug/l	98
6) Chloroethane	2.966	64	149715	47.170	ug/l	99
7) Trichlorofluoromethane	3.308	101	208098	48.322	ug/l	94
8) Diethyl Ether	3.722	74	132292	45.877	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.106	101	200946	46.597	ug/l	97
10) Methyl Iodide	4.307	142	284201	47.326	ug/l	100
11) Tert butyl alcohol	5.222	59	85363	218.424	ug/l	98
12) 1,1-Dichloroethene	4.076	96	213116	46.650	ug/l	97
13) Acrolein	3.929	56	150541	228.833	ug/l	99
14) Allyl chloride	4.710	41	392998	46.275	ug/l	100
15) Acrylonitrile	5.405	53	385390	239.158	ug/l	99
16) Acetone	4.161	43	421417	213.752	ug/l	98
17) Carbon Disulfide	4.423	76	613999	46.245	ug/l	99
18) Methyl Acetate	4.710	43	186113	48.391	ug/l	100
19) Methyl tert-butyl Ether	5.466	73	441963	48.727	ug/l	96
20) Methylene Chloride	4.960	84	255026	42.371	ug/l	96
21) trans-1,2-Dichloroethene	5.466	96	236807	47.461	ug/l	95
22) Diisopropyl ether	6.344	45	832956	48.439	ug/l	96
23) Vinyl Acetate	6.283	43	2816118	242.197	ug/l	100
24) 1,1-Dichloroethane	6.246	63	458915	46.664	ug/l	99
25) 2-Butanone	7.197	43	538669	232.529	ug/l	99
26) 2,2-Dichloropropane	7.191	77	261527	47.362	ug/l	98
27) cis-1,2-Dichloroethene	7.197	96	276124	47.398	ug/l	100
28) Bromochloromethane	7.532	49	207933	53.222	ug/l	98
29) Tetrahydrofuran	7.551	42	343902	247.277	ug/l	99
30) Chloroform	7.691	83	460266	47.447	ug/l	99
31) Cyclohexane	7.971	56	411703	45.420	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	342550	48.023	ug/l	99
36) 1,1-Dichloropropene	8.099	75	330750	49.995	ug/l	99
37) Ethyl Acetate	7.270	43	237611	52.434	ug/l	100
38) Carbon Tetrachloride	8.081	117	303455	49.591	ug/l	99
39) Methylcyclohexane	9.343	83	410255	49.310	ug/l	95
40) Benzene	8.337	78	984021	49.030	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	123490	50.985	ug/l	99
42) 1,2-Dichloroethane	8.416	62	320541	50.162	ug/l	100
43) Isopropyl Acetate	8.435	43	402393	50.071	ug/l	99
44) Trichloroethene	9.099	130	226639	49.456	ug/l	93
45) 1,2-Dichloropropane	9.374	63	257054	50.617	ug/l	100
46) Dibromomethane	9.465	93	151299	50.851	ug/l	96
47) Bromodichloromethane	9.648	83	340103	49.140	ug/l	97
48) Methyl methacrylate	9.441	41	204479	53.907	ug/l	93
49) 1,4-Dioxane	9.465	88	40268	1008.833	ug/l #	98
51) 4-Methyl-2-Pentanone	10.215	43	1182889	264.002	ug/l	99
52) Toluene	10.392	92	631527	51.144	ug/l	96
53) t-1,3-Dichloropropene	10.605	75	347386	50.905	ug/l	96
54) cis-1,3-Dichloropropene	10.075	75	397713	50.540	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	202508	50.727	ug/l	97
56) Ethyl methacrylate	10.648	69	298325	51.762	ug/l	99
57) 1,3-Dichloropropane	10.934	76	365950	51.036	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	639864	330.366	ug/l	100
59) 2-Hexanone	10.971	43	847069	261.028	ug/l	100
60) Dibromochloromethane	11.129	129	231728	52.113	ug/l	96
61) 1,2-Dibromoethane	11.239	107	193787	50.199	ug/l	97
64) Tetrachloroethene	10.861	164	180201	47.200	ug/l	96
65) Chlorobenzene	11.660	112	686101	50.461	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.733	131	210472	49.569	ug/l	94
67) Ethyl Benzene	11.727	91	1209541	51.474	ug/l	93
68) m/p-Xylenes	11.837	106	898764	99.663	ug/l	100
69) o-Xylene	12.166	106	423560	50.926	ug/l	100
70) Styrene	12.178	104	733235	50.569	ug/l	99
71) Bromoform	12.349	173	126168	51.175	ug/l #	99
73) Isopropylbenzene	12.458	105	1051639	50.372	ug/l	100
74) N-amyl acetate	12.269	43	366933	51.298	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	262369	52.200	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	331207	89.922	ug/l	30
77) Bromobenzene	12.745	156	246155	51.381	ug/l	96
78) n-propylbenzene	12.800	91	1384302	51.909	ug/l	99
79) 2-Chlorotoluene	12.891	91	813620	51.976	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	914822	52.169	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	86622	58.391	ug/l	99
82) 4-Chlorotoluene	12.983	91	856187	51.499	ug/l	99
83) tert-Butylbenzene	13.202	119	765387	51.236	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	926597	52.394	ug/l	100
85) sec-Butylbenzene	13.379	105	1167610	51.050	ug/l	100
86) p-Isopropyltoluene	13.495	119	941250	50.597	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	508572	51.864	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	490855	50.269	ug/l	97
89) n-Butylbenzene	13.818	91	963216	51.536	ug/l	99
90) Hexachloroethane	14.086	117	171568	49.378	ug/l	95
91) 1,2-Dichlorobenzene	13.867	146	457476	51.686	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	43590	48.829	ug/l	97
93) 1,2,4-Trichlorobenzene	15.129	180	276539	52.604	ug/l	94
94) Hexachlorobutadiene	15.226	225	123742	49.795	ug/l	98
95) Naphthalene	15.360	128	664935	59.961	ug/l	100
96) 1,2,3-Trichlorobenzene	15.543	180	248174	49.942	ug/l	96

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QLast Update : Thu Dec 11 01:56:28 2025
Response via : Initial Calibration

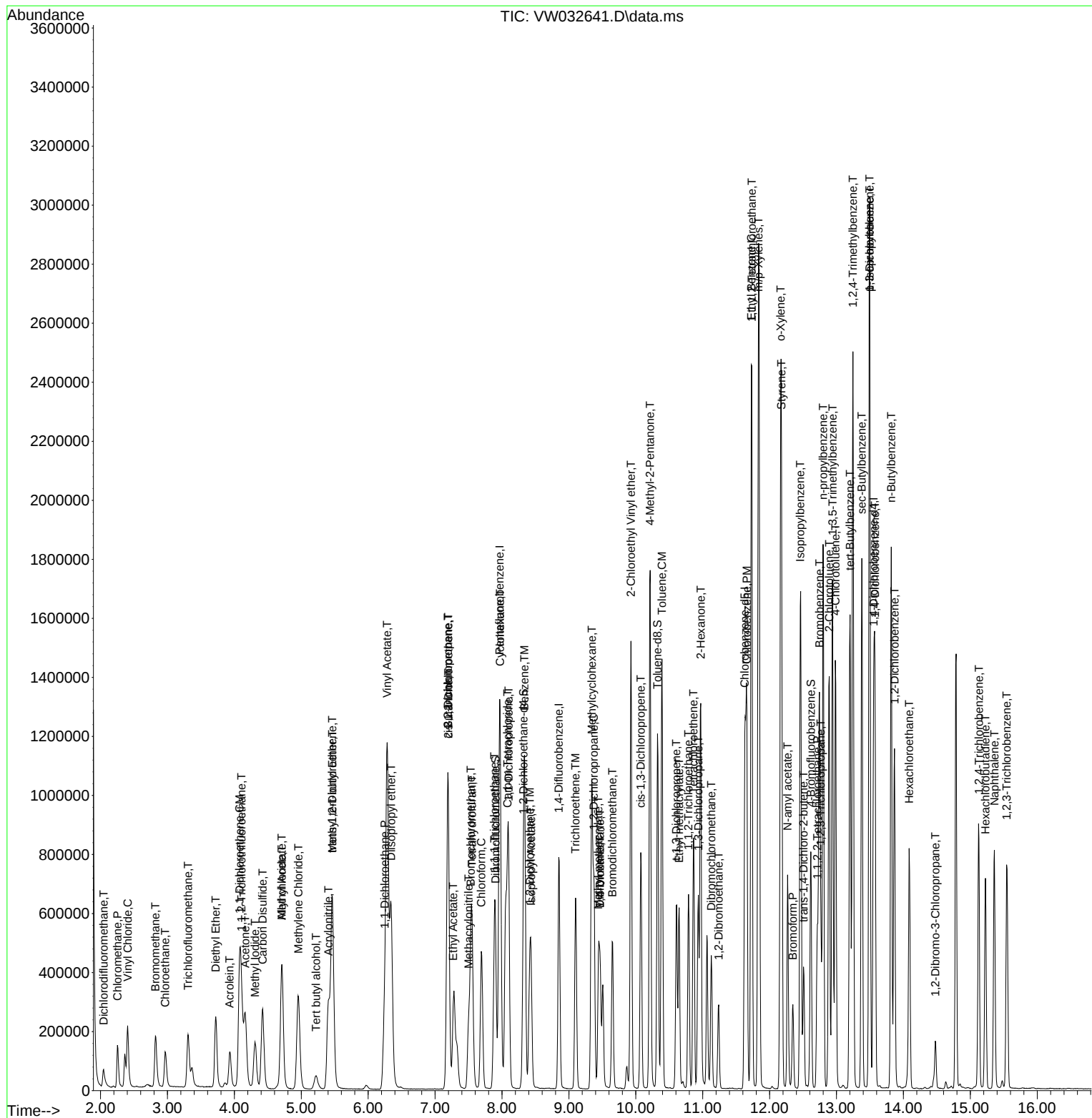
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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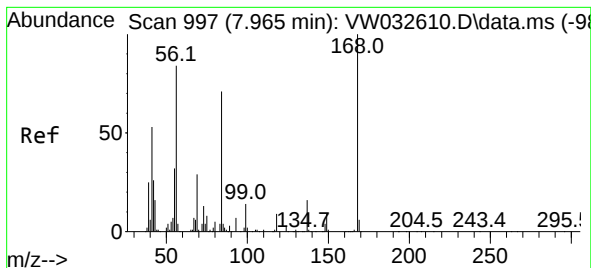
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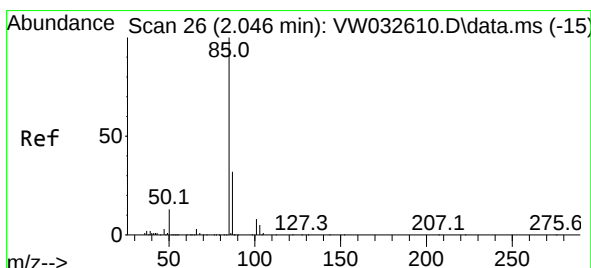
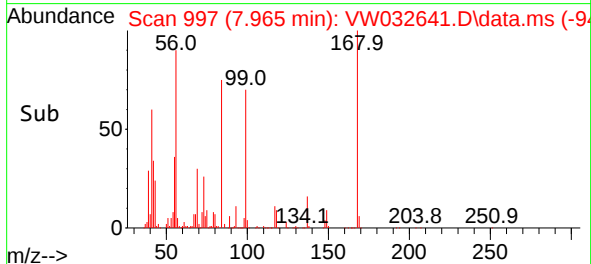
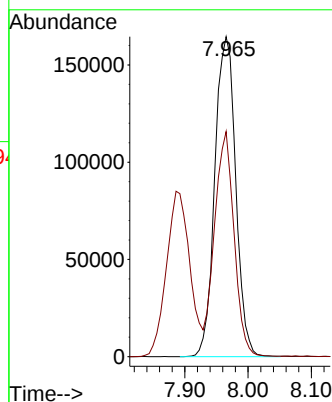
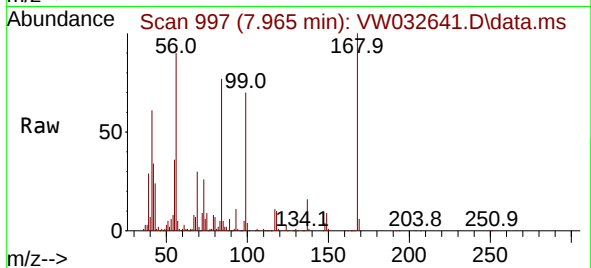




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW032641.D
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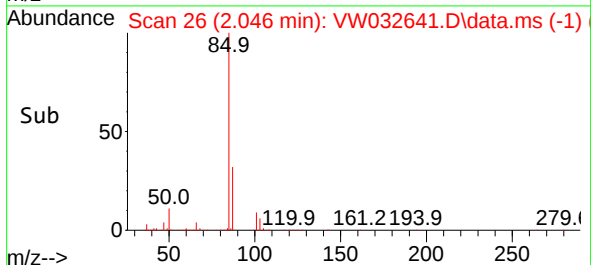
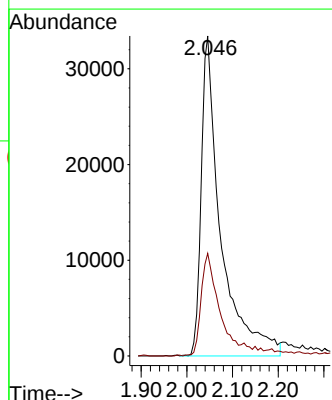
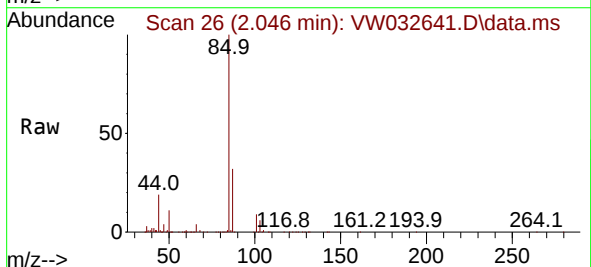
Instrument :
MSVOA_W
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VSTDCCC050

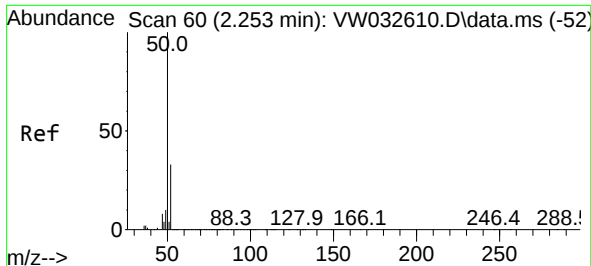
Tgt Ion:168 Resp: 376326
Ion Ratio Lower Upper
168 100
99 70.2 47.8 71.8



#2
Dichlorodifluoromethane
Concen: 42.333 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

Tgt Ion: 85 Resp: 98926
Ion Ratio Lower Upper
85 100
87 31.8 16.1 48.3

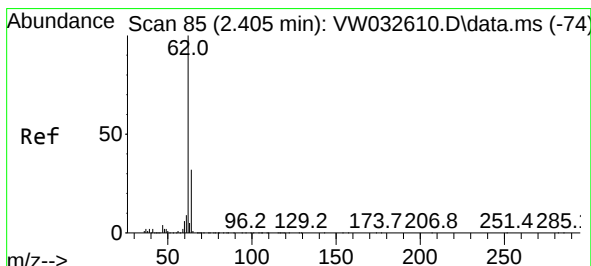
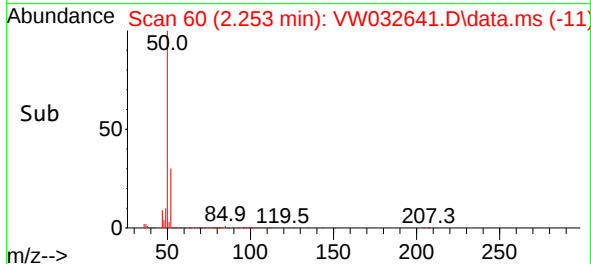
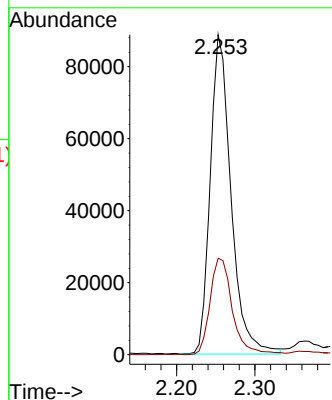
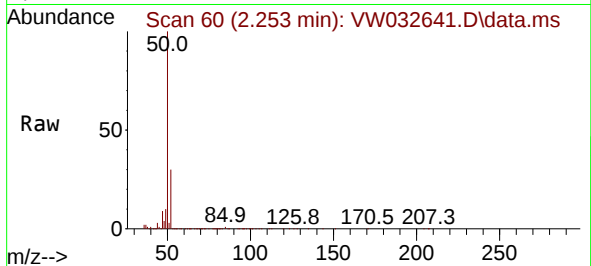




#3
Chloromethane
Concen: 39.736 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

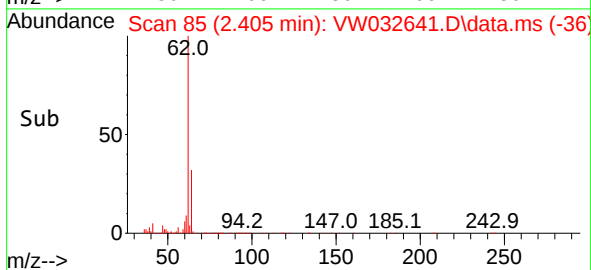
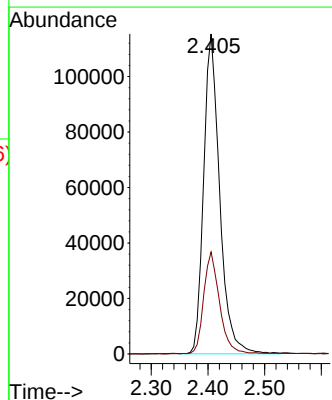
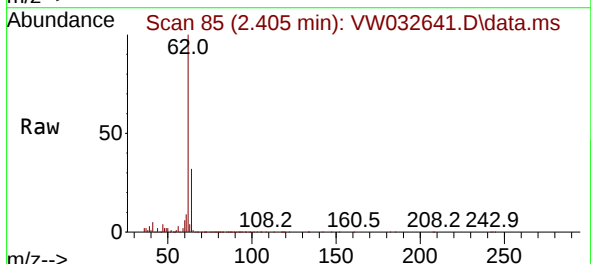
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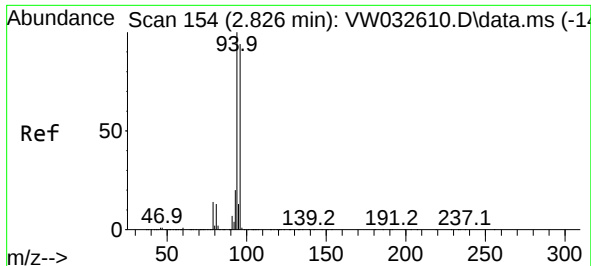
Tgt Ion: 50 Resp: 163808
Ion Ratio Lower Upper
50 100
52 30.1 26.6 40.0



#4
Vinyl Chloride
Concen: 45.997 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

Tgt Ion: 62 Resp: 226260
Ion Ratio Lower Upper
62 100
64 31.7 25.3 37.9

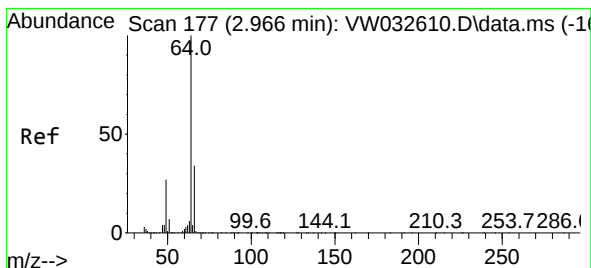
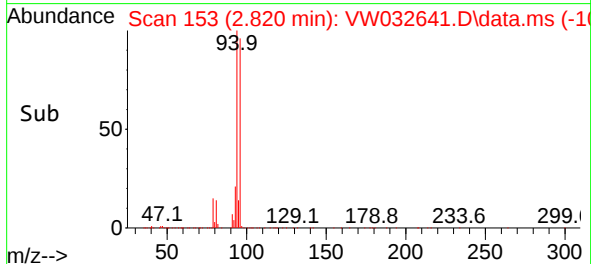
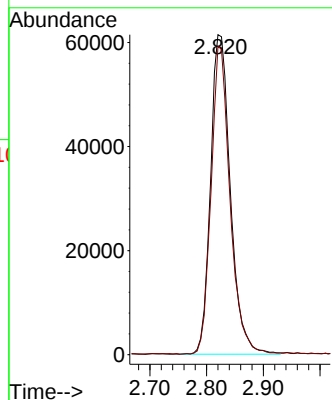
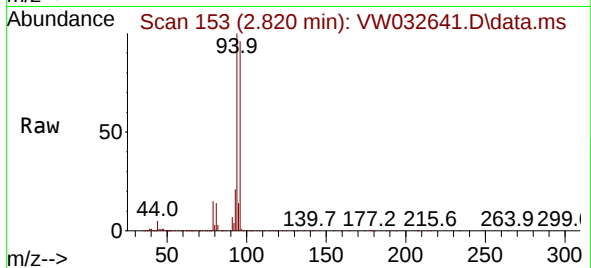




#5
Bromomethane
Concen: 45.550 ug/l
RT: 2.820 min Scan# 154
Delta R.T. -0.006 min
Lab File: VW032641.D
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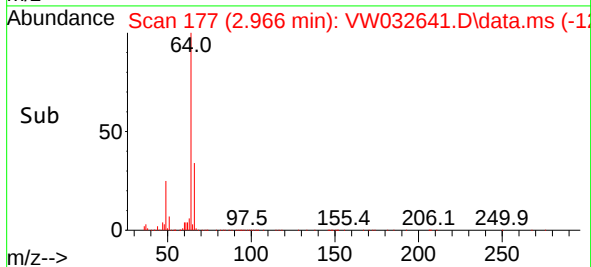
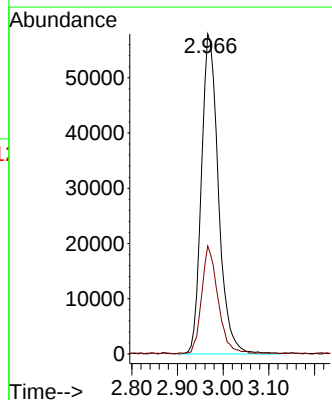
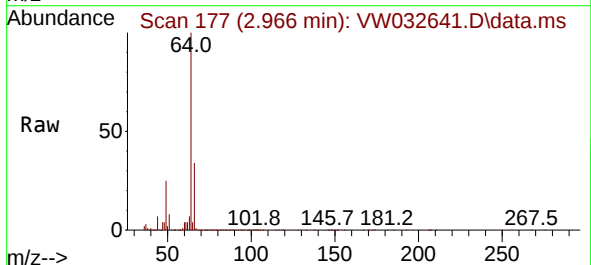
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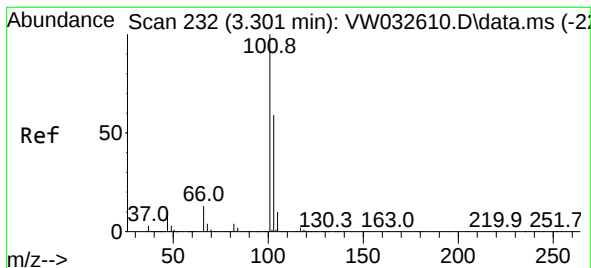
Tgt Ion: 94 Resp: 149233
Ion Ratio Lower Upper
94 100
96 96.3 75.4 113.2



#6
Chloroethane
Concen: 47.170 ug/l
RT: 2.966 min Scan# 177
Delta R.T. 0.000 min
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Tgt Ion: 64 Resp: 149715
Ion Ratio Lower Upper
64 100
66 33.6 27.3 40.9

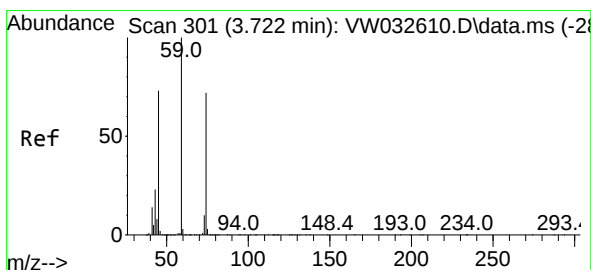
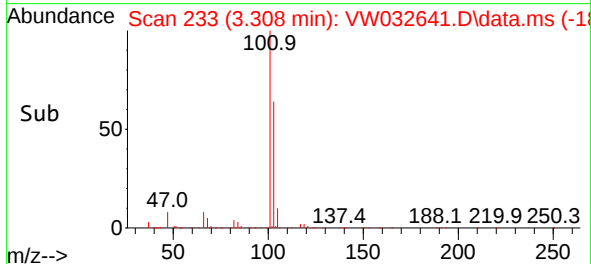
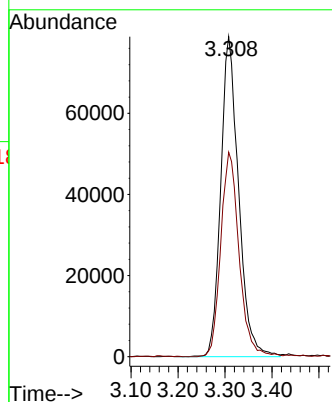
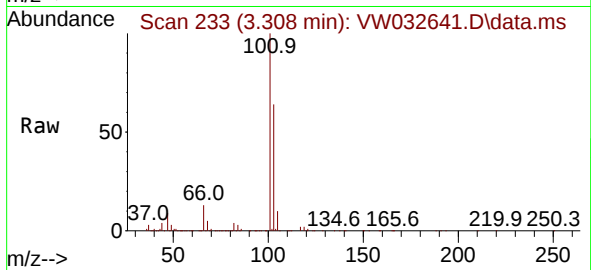




#7
 Trichlorofluoromethane
 Concen: 48.322 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW032641.D
 Acq: 12 Dec 2025 08:26

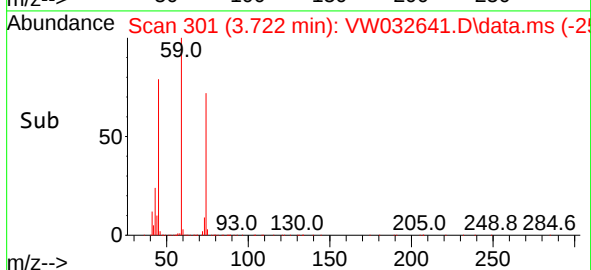
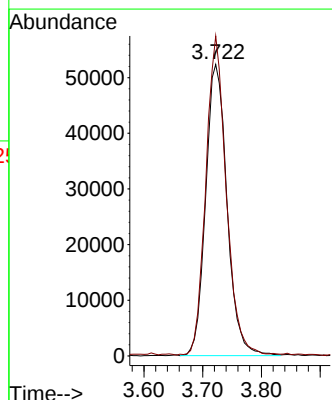
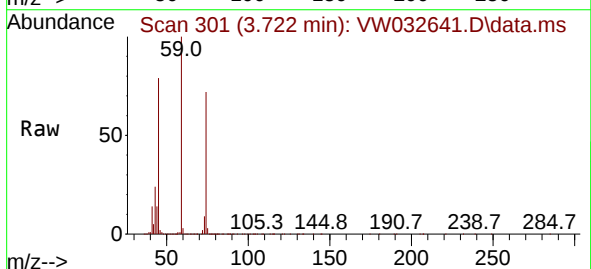
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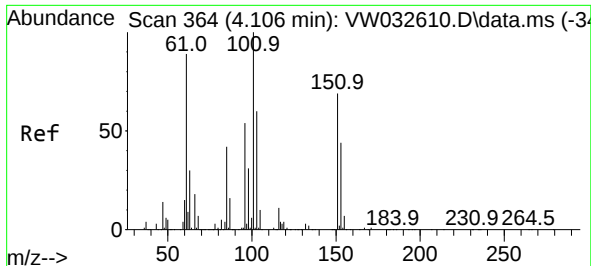
Tgt Ion:101 Resp: 208098
 Ion Ratio Lower Upper
 101 100
 103 63.8 47.3 70.9



#8
 Diethyl Ether
 Concen: 45.877 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 132292
 Ion Ratio Lower Upper
 74 100
 45 104.5 52.4 157.2

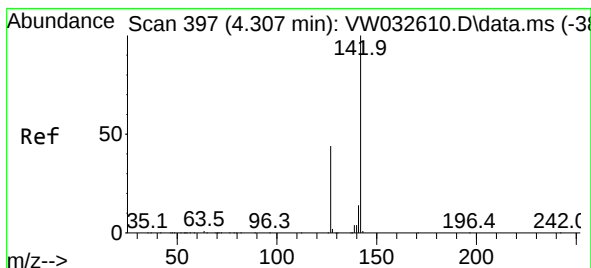
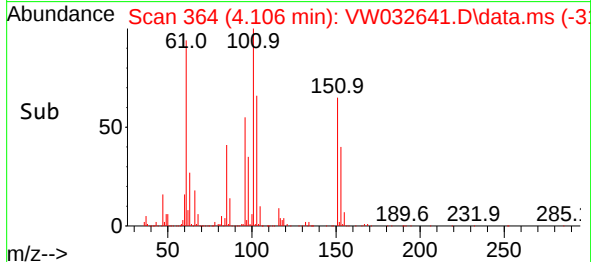
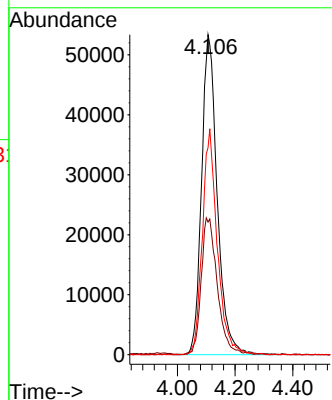
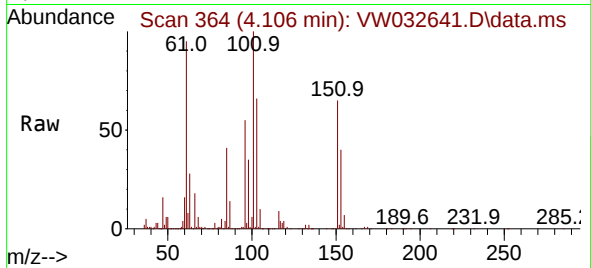




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.597 ug/l
RT: 4.106 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

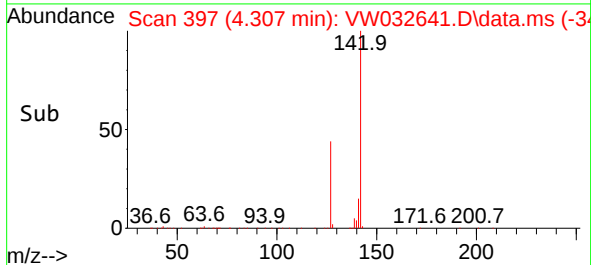
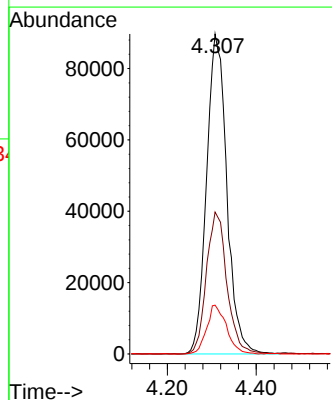
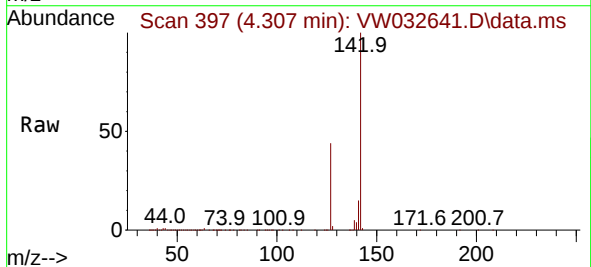
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

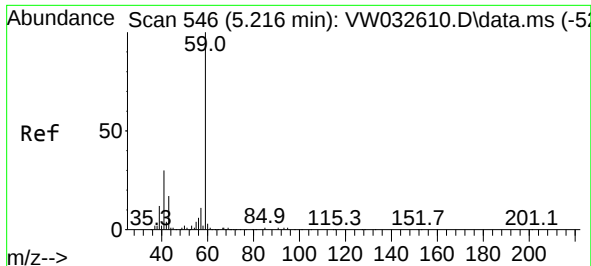
Tgt Ion:101 Resp: 200946
Ion Ratio Lower Upper
101 100
85 43.8 35.4 53.2
151 67.2 56.7 85.1



#10
Methyl Iodide
Concen: 47.326 ug/l
RT: 4.307 min Scan# 397
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

Tgt Ion:142 Resp: 284201
Ion Ratio Lower Upper
142 100
127 44.9 36.0 54.0
141 15.0 11.6 17.4

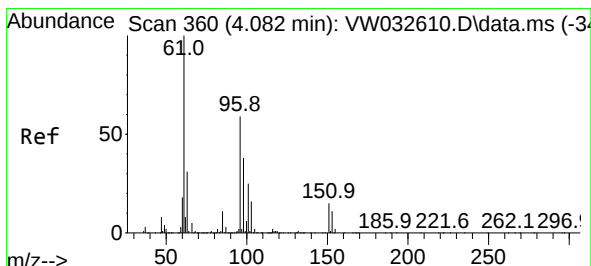
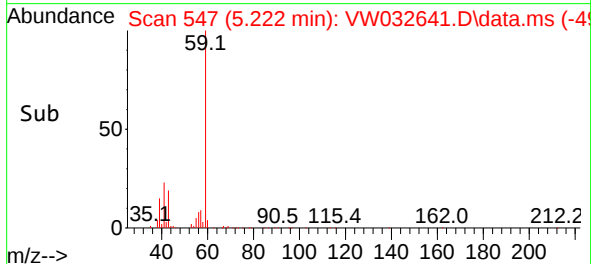
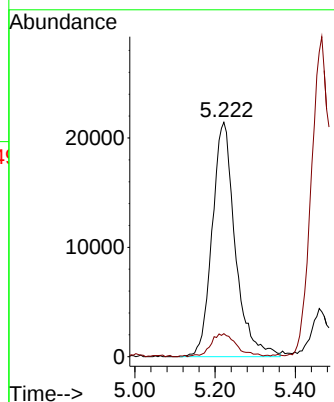
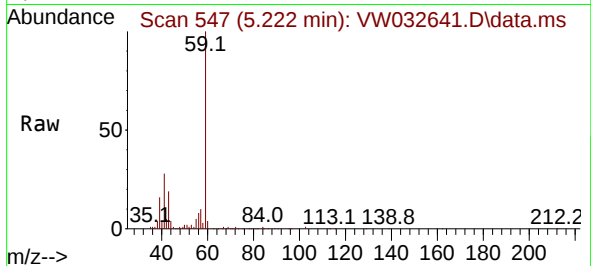




#11
Tert butyl alcohol
Concen: 218.424 ug/l
RT: 5.222 min Scan# 54
Delta R.T. 0.006 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

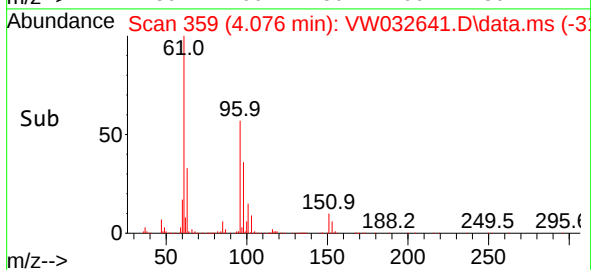
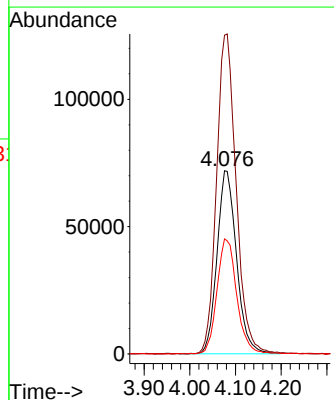
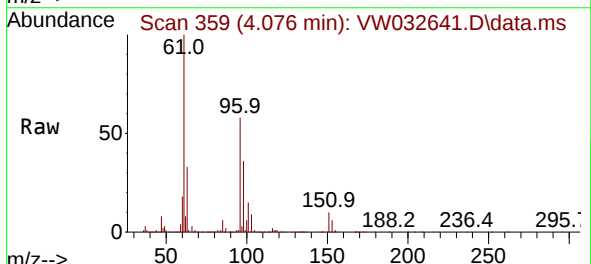
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

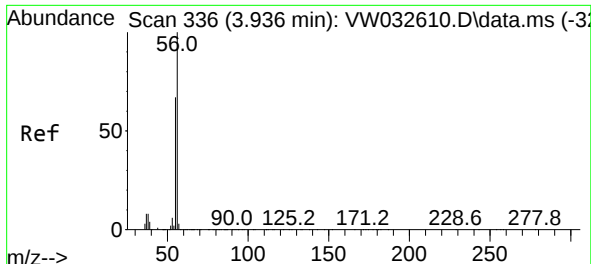
Tgt Ion: 59 Resp: 85363
Ion Ratio Lower Upper
59 100
57 11.0 9.4 14.0



#12
1,1-Dichloroethene
Concen: 46.650 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.006 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

Tgt Ion: 96 Resp: 213116
Ion Ratio Lower Upper
96 100
61 174.0 134.6 202.0
98 62.7 51.1 76.7

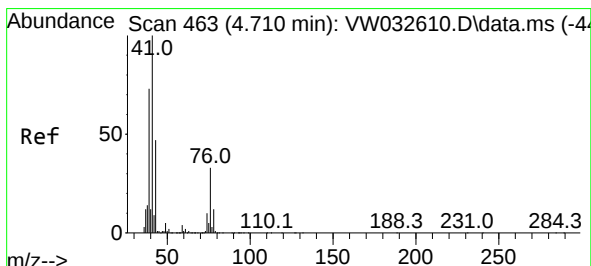
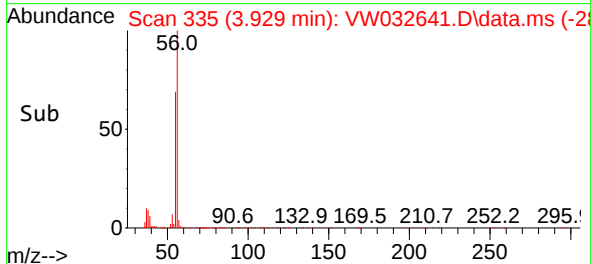
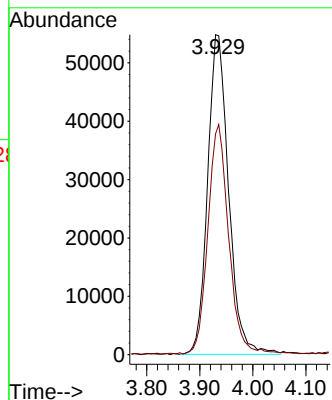
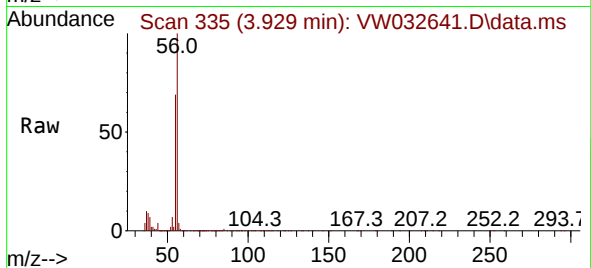




#13
Acrolein
Concen: 228.833 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

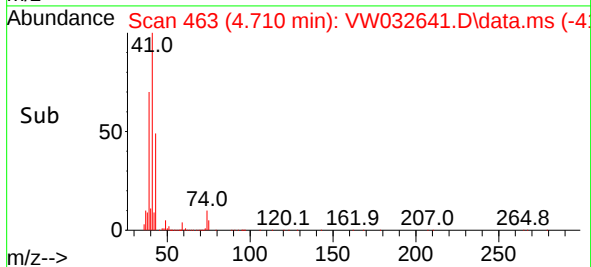
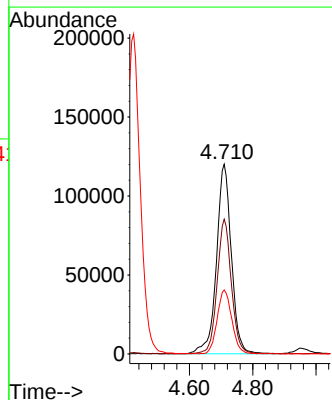
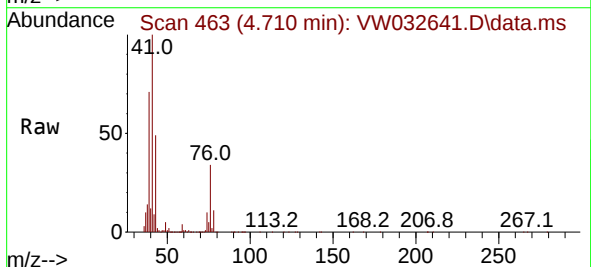
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

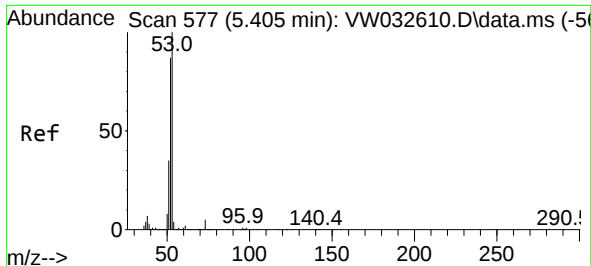
Tgt Ion: 56 Resp: 150541
Ion Ratio Lower Upper
56 100
55 71.1 56.0 84.0



#14
Allyl chloride
Concen: 46.275 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

Tgt Ion: 41 Resp: 392998
Ion Ratio Lower Upper
41 100
39 67.7 54.2 81.2
76 32.8 26.3 39.5

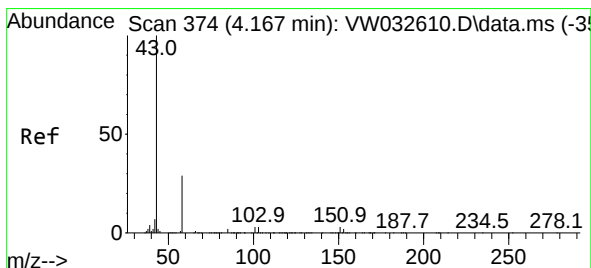
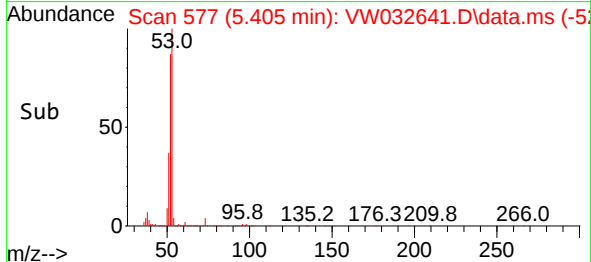
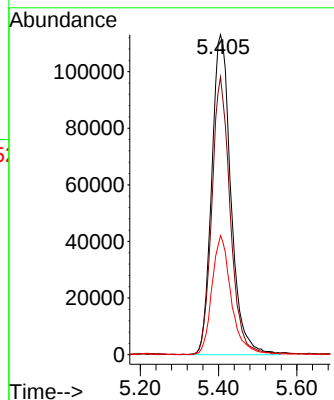
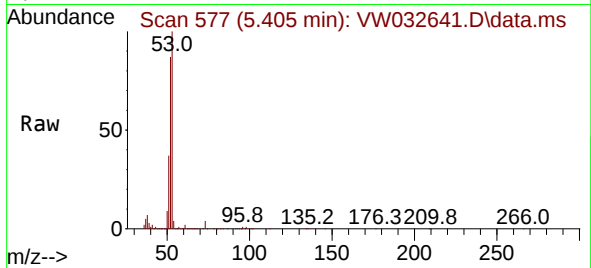




#15
Acrylonitrile
Concen: 239.158 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

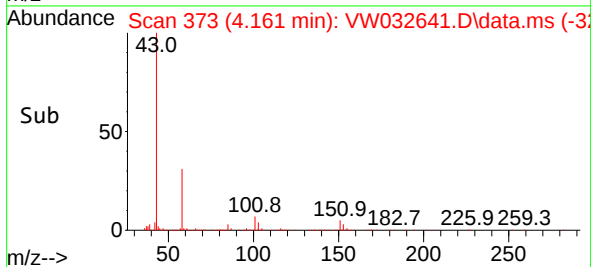
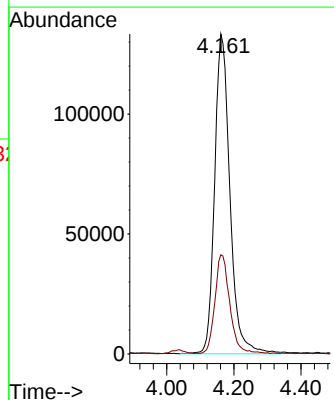
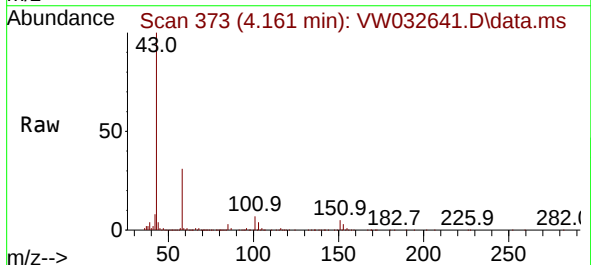
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

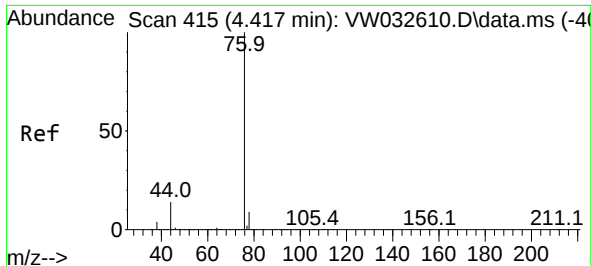
Tgt Ion: 53 Resp: 385390
Ion Ratio Lower Upper
53 100
52 82.7 66.7 100.1
51 37.5 29.8 44.6



#16
Acetone
Concen: 213.752 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.006 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

Tgt Ion: 43 Resp: 421417
Ion Ratio Lower Upper
43 100
58 30.8 23.9 35.9

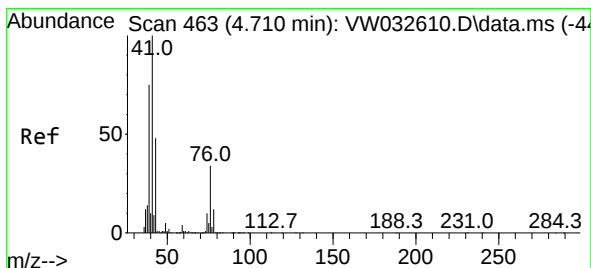
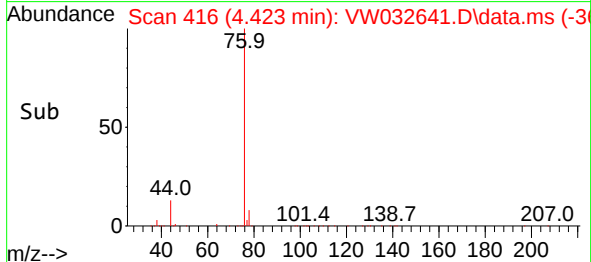
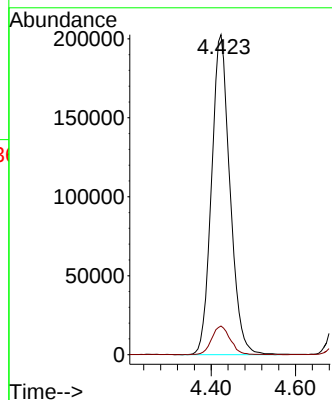
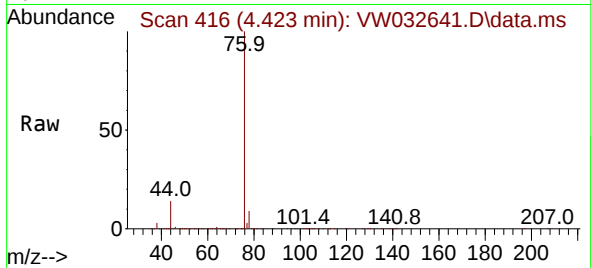




#17
Carbon Disulfide
Concen: 46.245 ug/l
RT: 4.423 min Scan# 415
Delta R.T. 0.006 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

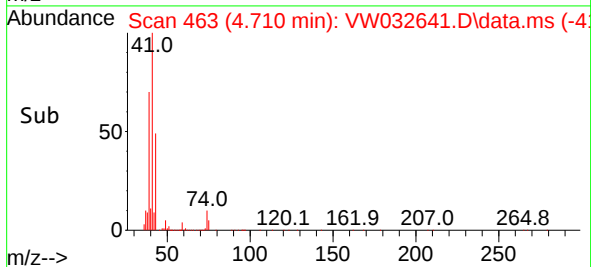
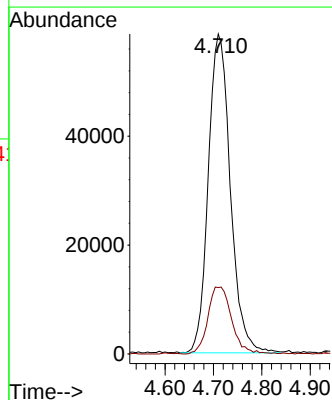
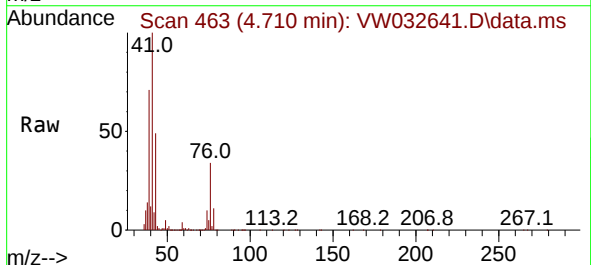
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

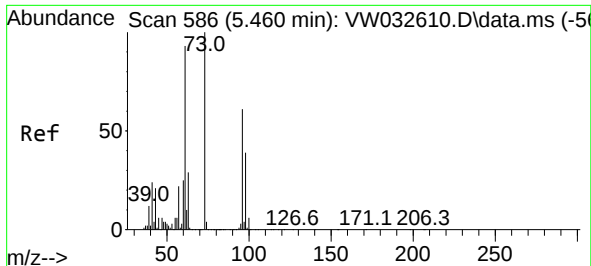
Tgt Ion: 76 Resp: 613999
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 48.391 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

Tgt Ion: 43 Resp: 186113
Ion Ratio Lower Upper
43 100
74 22.6 18.2 27.4

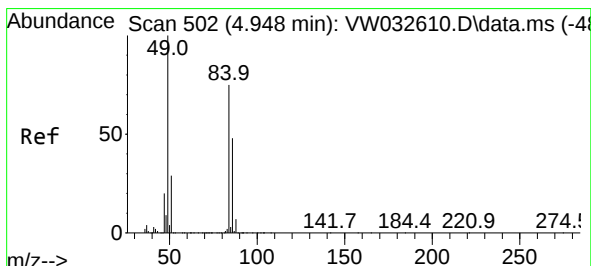
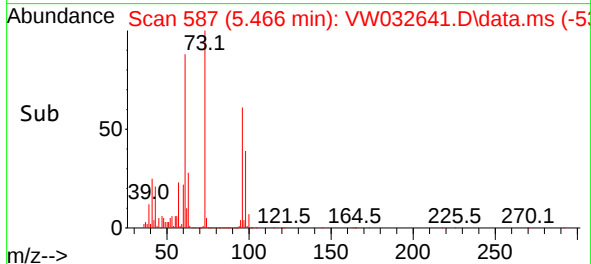
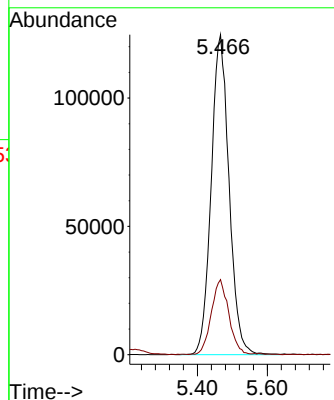
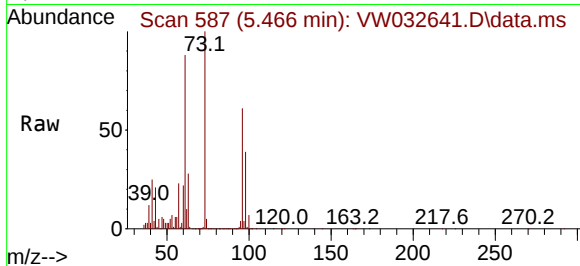




#19
Methyl tert-butyl Ether
Concen: 48.727 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

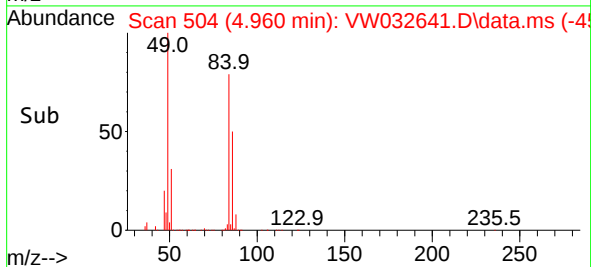
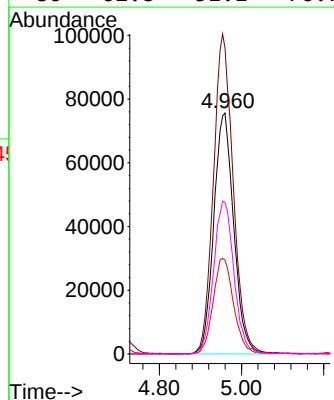
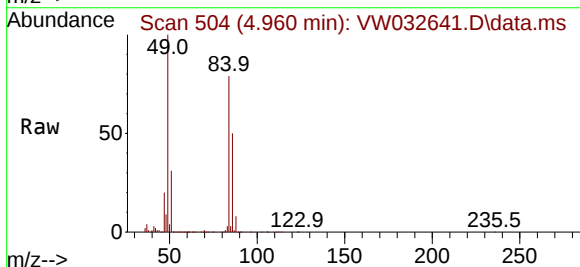
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

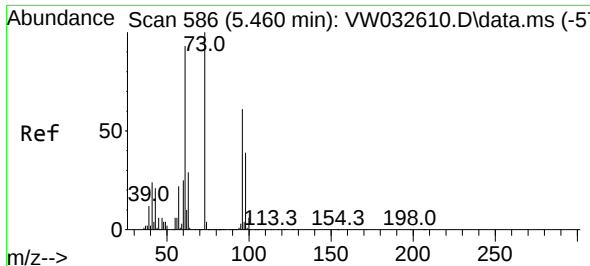
Tgt Ion: 73 Resp: 441963
Ion Ratio Lower Upper
73 100
57 23.4 17.3 25.9



#20
Methylene Chloride
Concen: 42.371 ug/l
RT: 4.960 min Scan# 504
Delta R.T. 0.012 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

Tgt Ion: 84 Resp: 255026
Ion Ratio Lower Upper
84 100
49 126.9 106.9 160.3
51 38.9 31.4 47.2
86 62.8 51.1 76.7

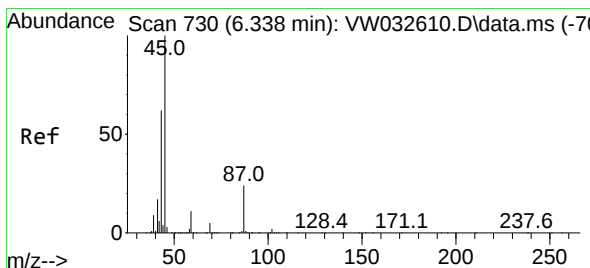
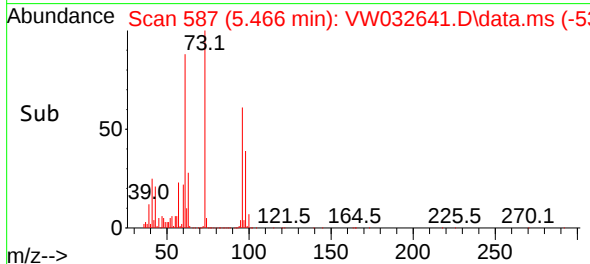
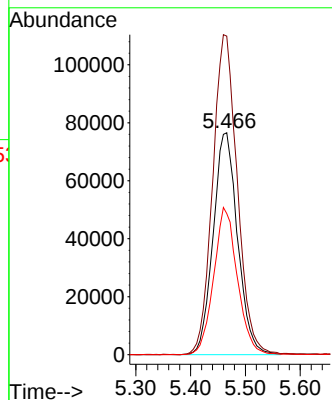
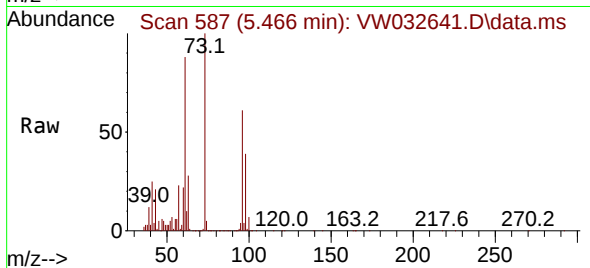




#21
trans-1,2-Dichloroethene
Concen: 47.461 ug/l
RT: 5.466 min Scan# 587
Delta R.T. 0.006 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

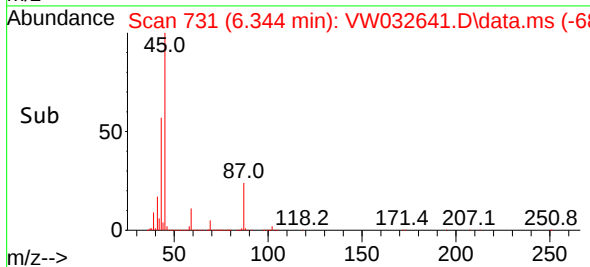
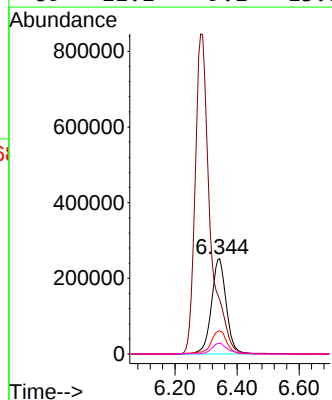
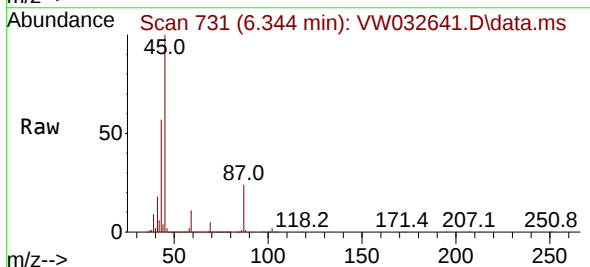
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

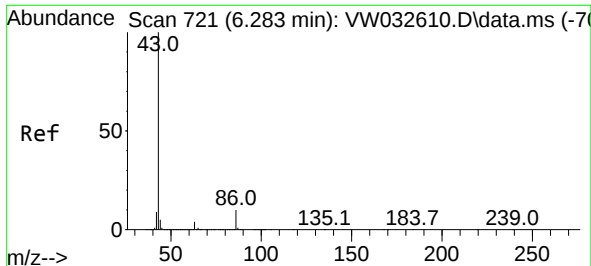
Tgt Ion: 96 Resp: 236807
Ion Ratio Lower Upper
96 100
61 143.5 121.7 182.5
98 63.5 50.6 76.0



#22
Diisopropyl ether
Concen: 48.439 ug/l
RT: 6.344 min Scan# 731
Delta R.T. 0.006 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

Tgt Ion: 45 Resp: 832956
Ion Ratio Lower Upper
45 100
43 56.6 49.1 73.7
87 24.3 19.7 29.5
59 11.1 9.1 13.7

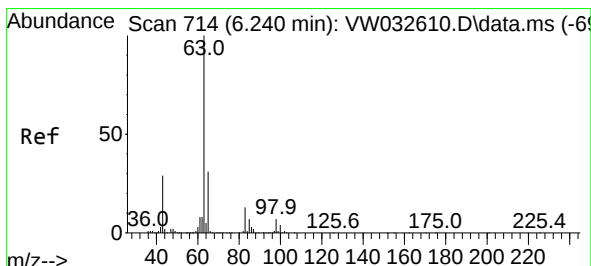
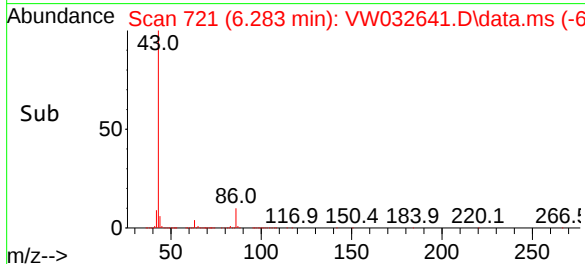
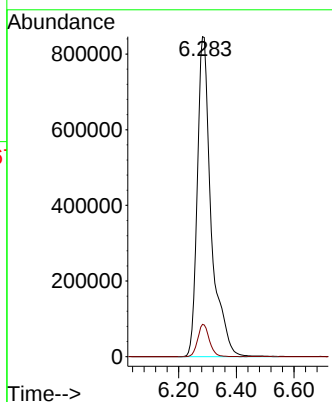
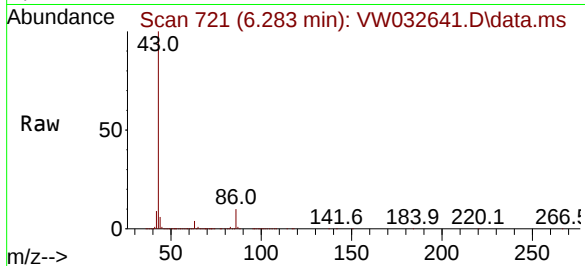




#23
 Vinyl Acetate
 Concen: 242.197 ug/l
 RT: 6.283 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW032641.D
 Acq: 12 Dec 2025 08:26

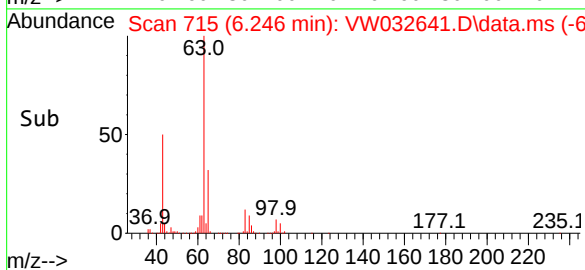
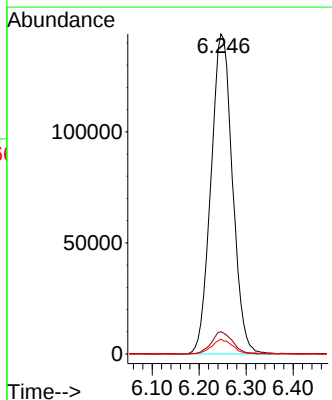
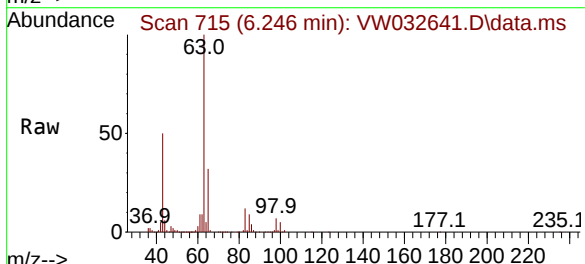
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

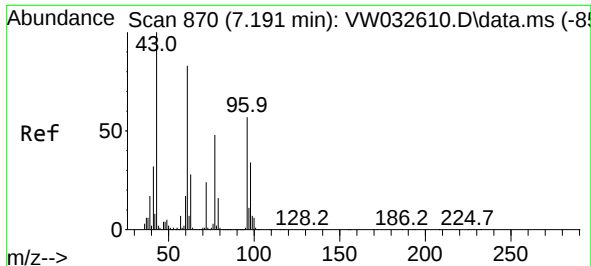
Tgt Ion: 43 Resp: 2816118
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 46.664 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW032641.D
 Acq: 12 Dec 2025 08:26

Tgt Ion: 63 Resp: 458915
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 4.7 2.1 6.5





#25

2-Butanone

Concen: 232.529 ug/l

RT: 7.197 min Scan# 81

Delta R.T. 0.006 min

Lab File: VW032641.D

Acq: 12 Dec 2025 08:26

Instrument :

MSVOA_W

ClientSampleId :

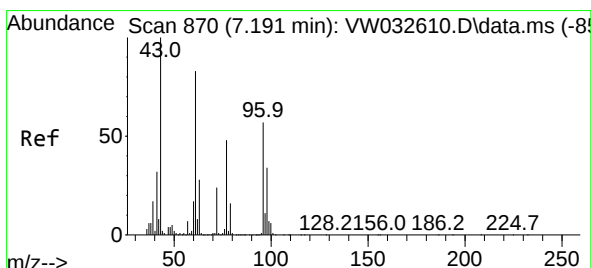
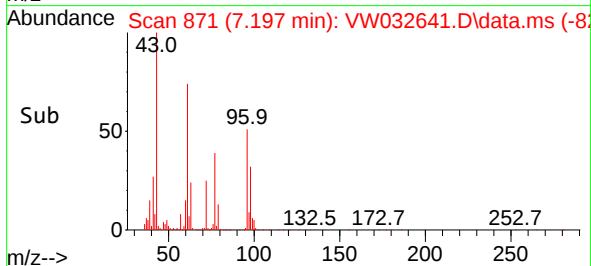
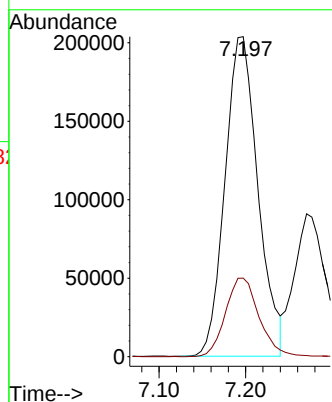
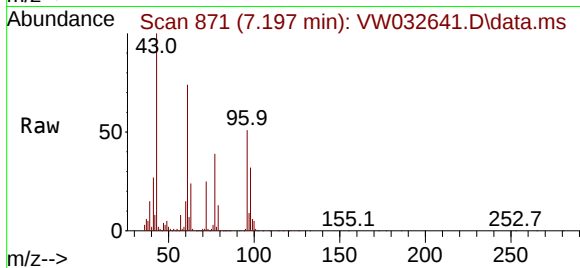
VSTDCCC050

Tgt Ion: 43 Resp: 538669

Ion Ratio Lower Upper

43 100

72 24.6 19.4 29.0



#26

2,2-Dichloropropane

Concen: 47.362 ug/l

RT: 7.191 min Scan# 870

Delta R.T. 0.000 min

Lab File: VW032641.D

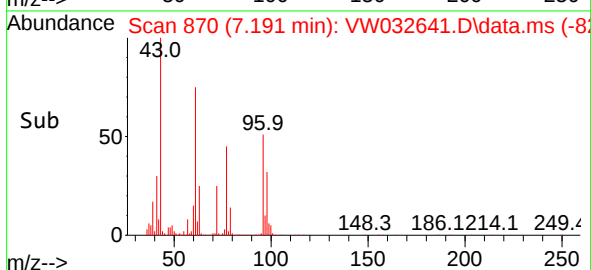
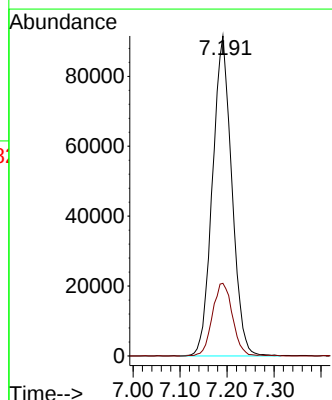
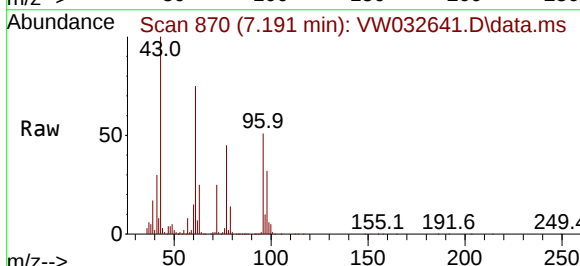
Acq: 12 Dec 2025 08:26

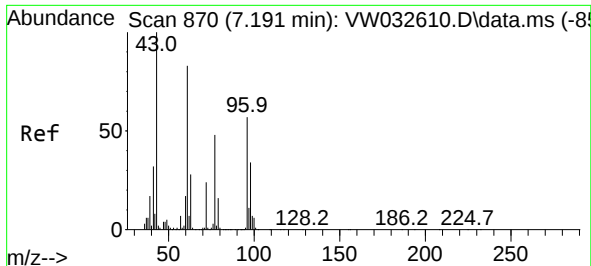
Tgt Ion: 77 Resp: 261527

Ion Ratio Lower Upper

77 100

97 23.7 11.3 33.9



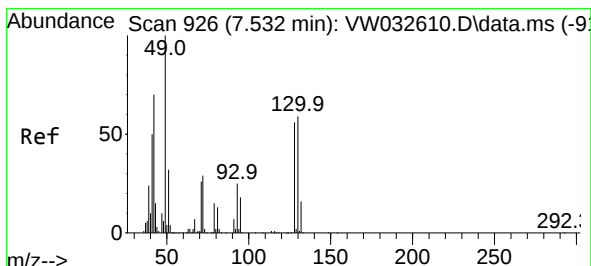
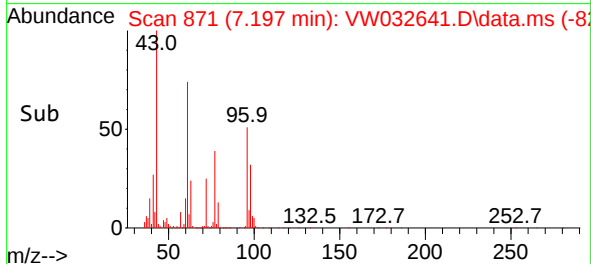
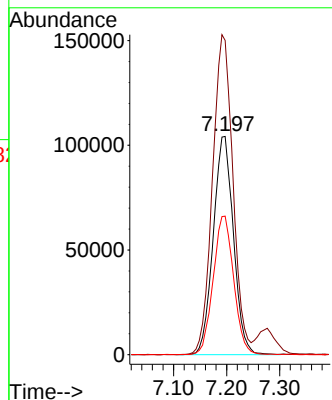
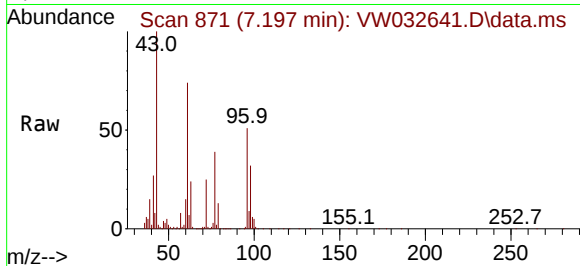


#27
 cis-1,2-Dichloroethene
 Concen: 47.398 ug/l
 RT: 7.197 min Scan# 871
 Delta R.T. 0.006 min
 Lab File: VW032641.D
 Acq: 12 Dec 2025 08:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 276124

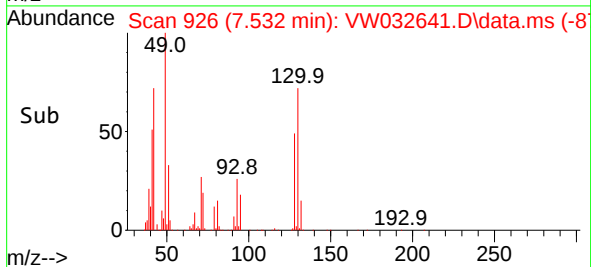
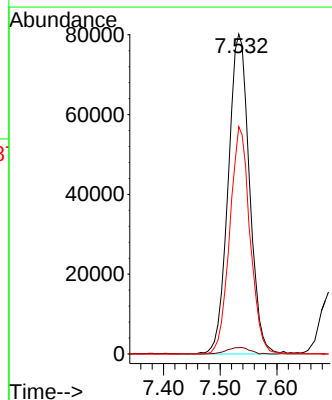
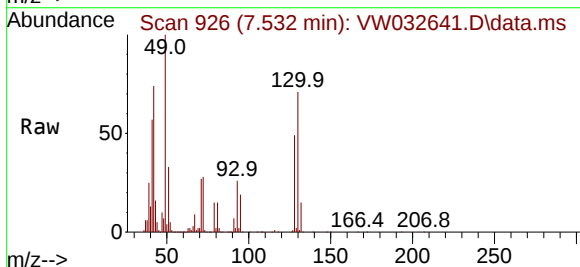
Ion	Ratio	Lower	Upper
96	100		
61	148.2	0.0	295.8
98	64.2	0.0	127.2

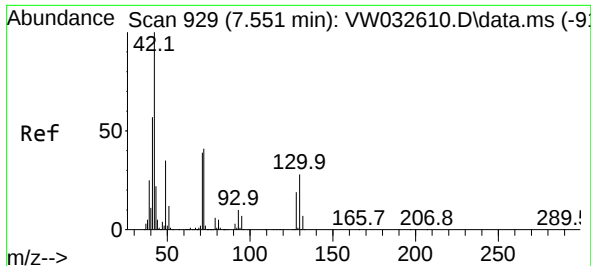


#28
 Bromochloromethane
 Concen: 53.222 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. 0.000 min
 Lab File: VW032641.D
 Acq: 12 Dec 2025 08:26

Tgt Ion: 49 Resp: 207933

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.6
130	67.9	53.3	79.9





#29

Tetrahydrofuran

Concen: 247.277 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW032641.D

Acq: 12 Dec 2025 08:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

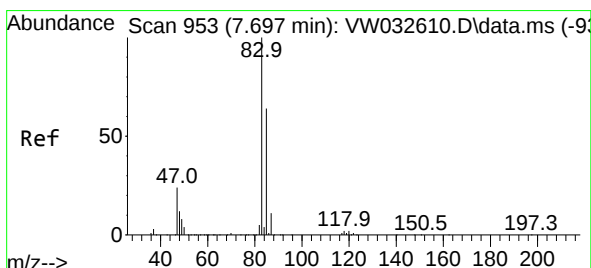
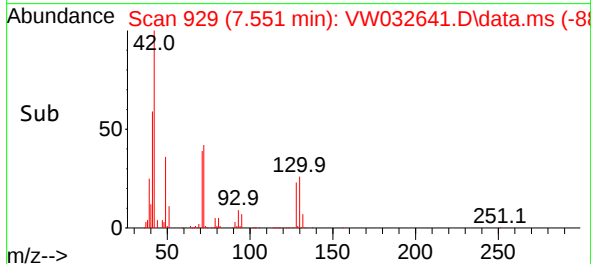
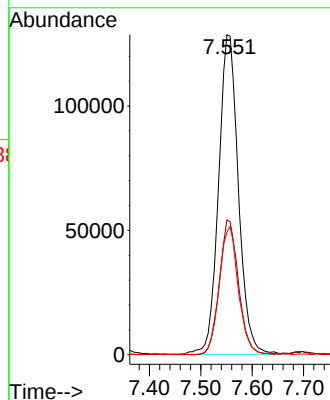
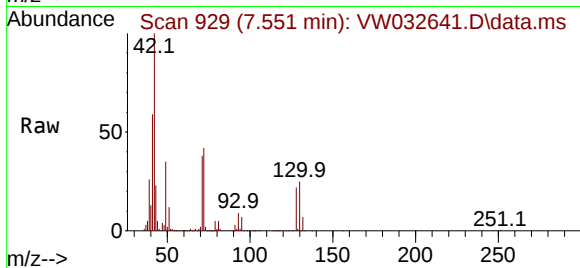
Tgt Ion: 42 Resp: 343902

Ion Ratio Lower Upper

42 100

72 40.9 33.2 49.8

71 38.6 30.7 46.1



#30

Chloroform

Concen: 47.447 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.006 min

Lab File: VW032641.D

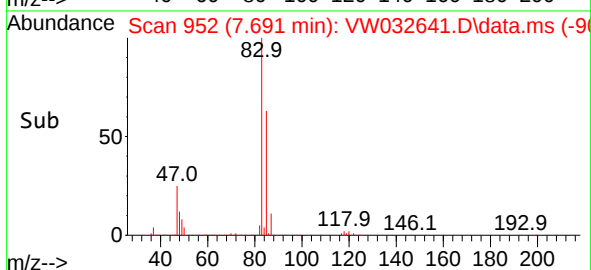
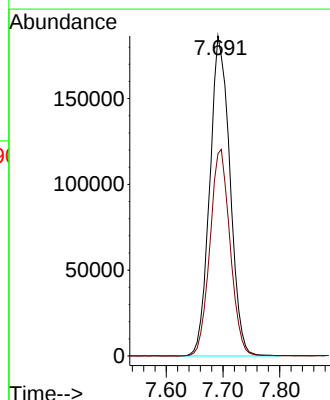
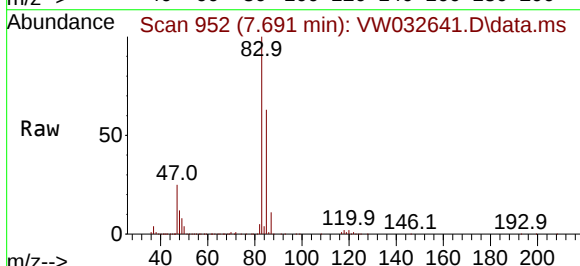
Acq: 12 Dec 2025 08:26

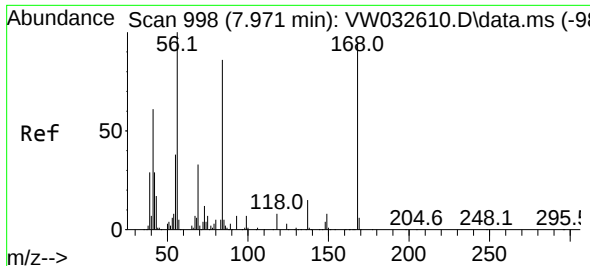
Tgt Ion: 83 Resp: 460266

Ion Ratio Lower Upper

83 100

85 63.3 51.4 77.2

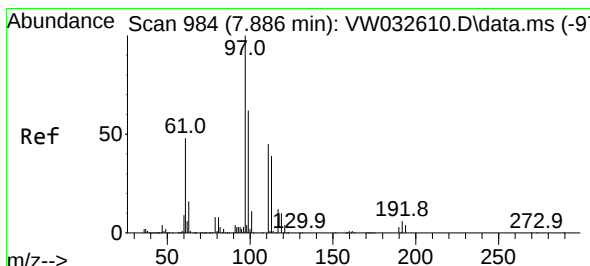
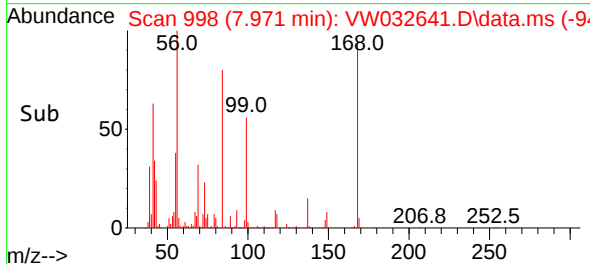
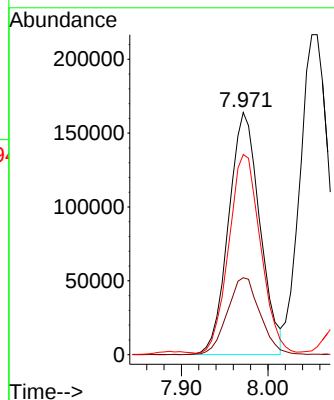
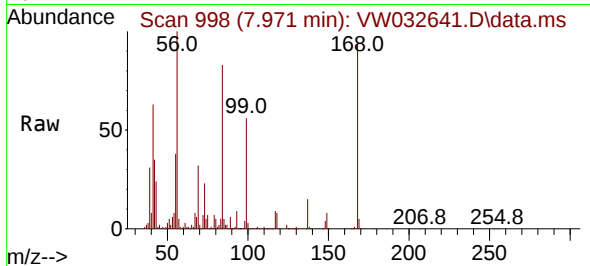




#31
Cyclohexane
Concen: 45.420 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

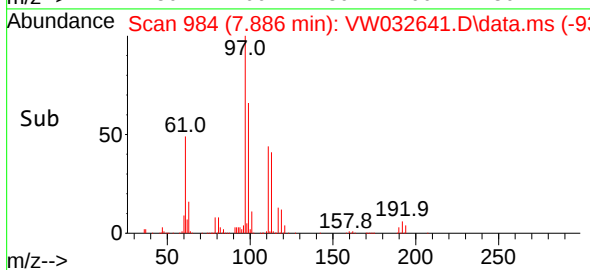
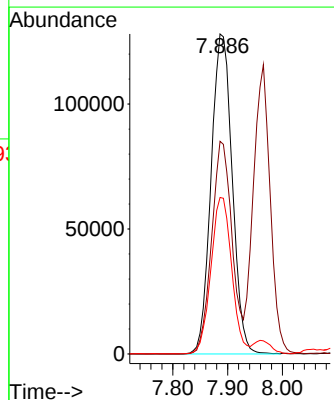
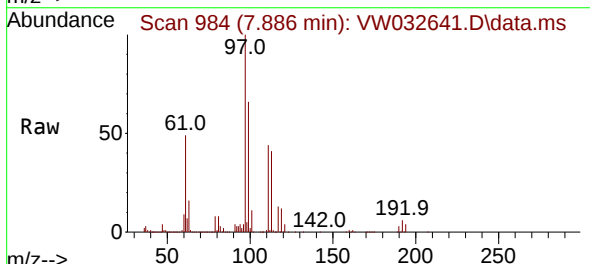
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

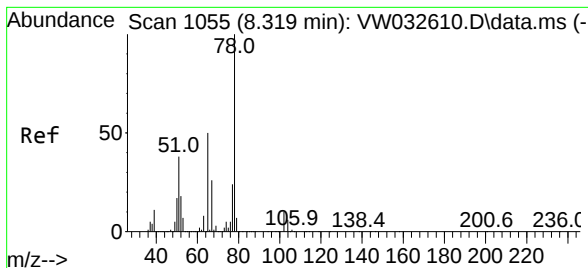
Tgt Ion: 56 Resp: 411703
Ion Ratio Lower Upper
56 100
69 31.8 26.2 39.2
84 81.4 68.9 103.3



#32
1,1,1-Trichloroethane
Concen: 48.023 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

Tgt Ion: 97 Resp: 342550
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 48.2 37.8 56.8

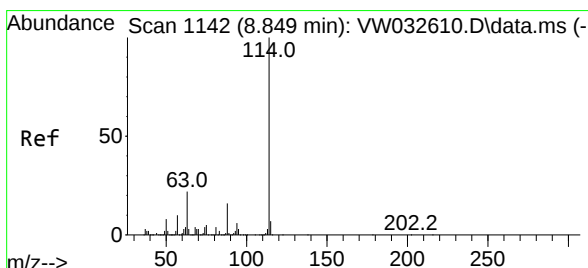
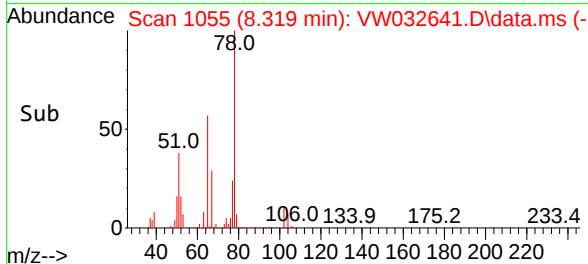
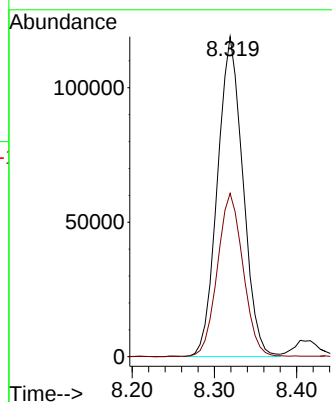
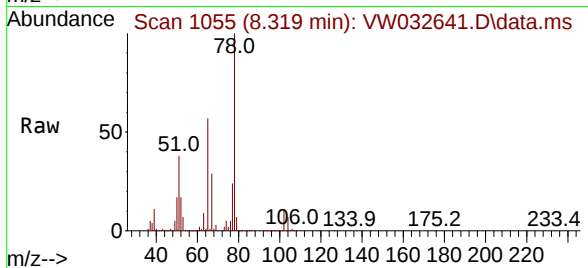




#33
1,2-Dichloroethane-d4
Concen: 43.721 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

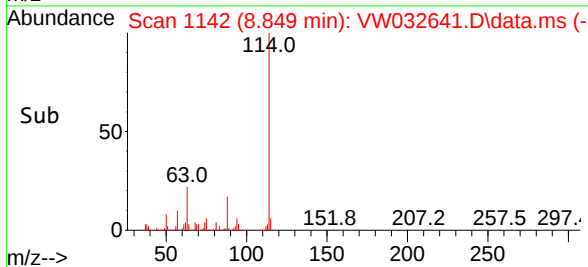
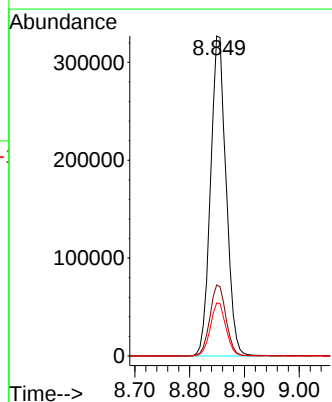
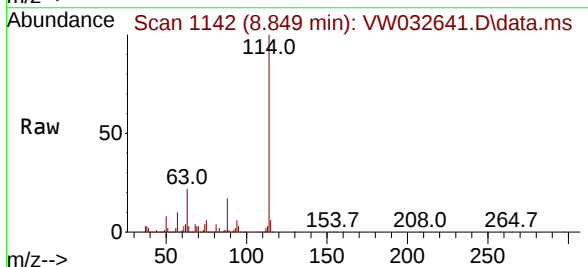
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

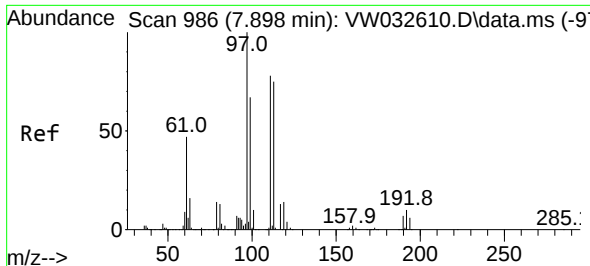
Tgt Ion: 65 Resp: 255971
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

Tgt Ion: 114 Resp: 642579
Ion Ratio Lower Upper
114 100
63 22.1 0.0 44.6
88 16.6 0.0 31.8

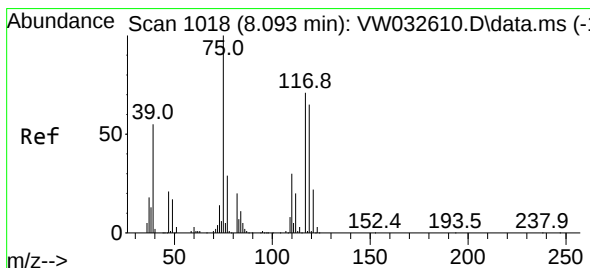
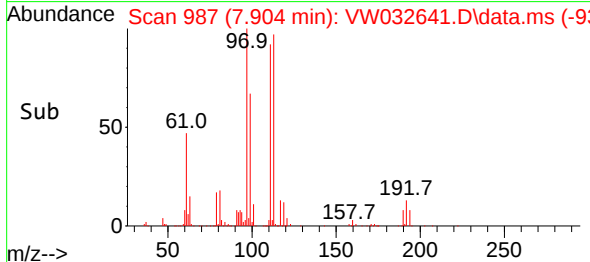
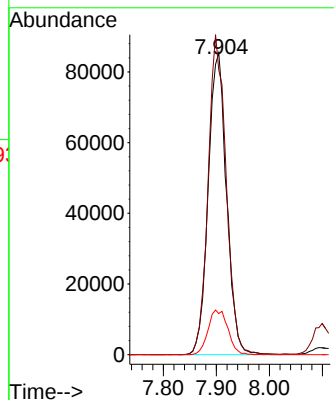
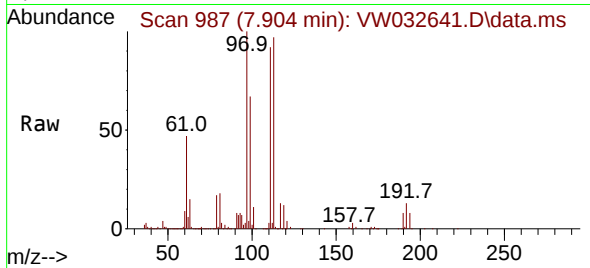




#35
 Dibromofluoromethane
 Concen: 45.100 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VW032641.D
 Acq: 12 Dec 2025 08:26

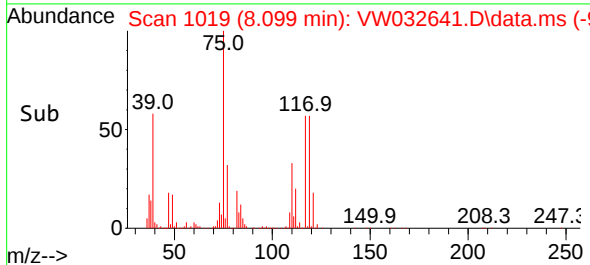
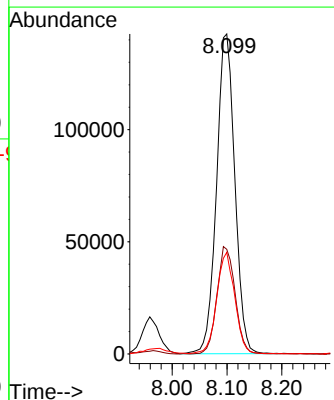
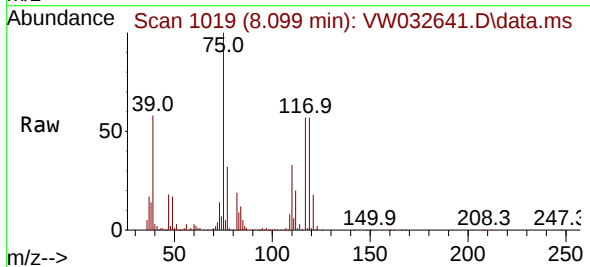
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

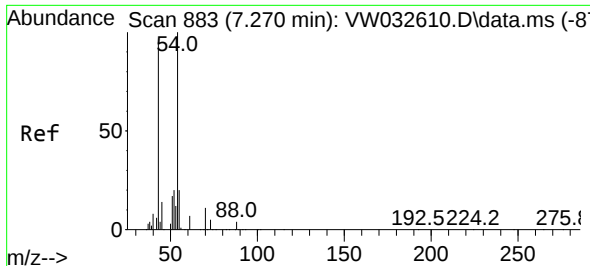
Tgt Ion:113 Resp: 204961
 Ion Ratio Lower Upper
 113 100
 111 104.2 85.2 127.8
 192 16.0 13.3 19.9



#36
 1,1-Dichloropropene
 Concen: 49.995 ug/l
 RT: 8.099 min Scan# 1019
 Delta R.T. 0.006 min
 Lab File: VW032641.D
 Acq: 12 Dec 2025 08:26

Tgt Ion: 75 Resp: 330750
 Ion Ratio Lower Upper
 75 100
 110 33.3 16.3 48.9
 77 31.3 24.6 37.0





#37

Ethyl Acetate

Concen: 52.434 ug/l

RT: 7.270 min Scan# 883

Delta R.T. 0.000 min

Lab File: VW032641.D

Acq: 12 Dec 2025 08:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

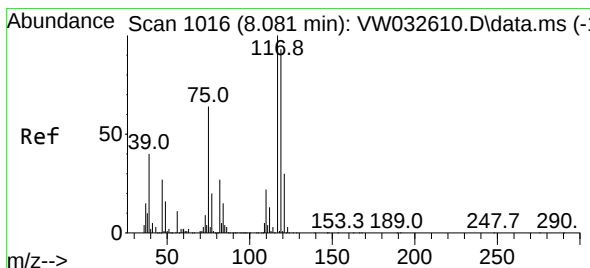
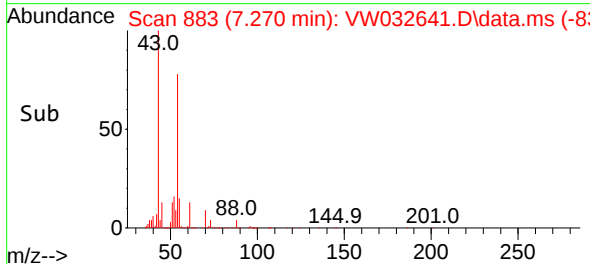
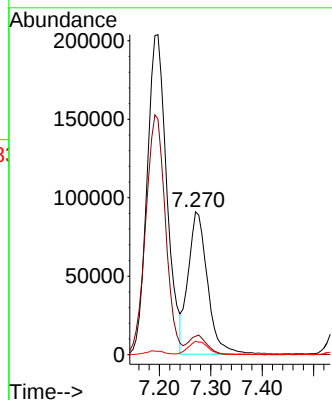
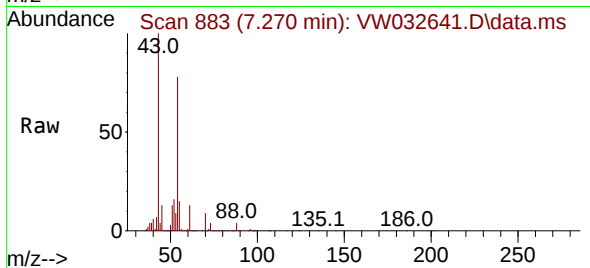
Tgt Ion: 43 Resp: 237611

Ion Ratio Lower Upper

43 100

61 12.8 10.3 15.5

70 9.5 7.7 11.5



#38

Carbon Tetrachloride

Concen: 49.591 ug/l

RT: 8.081 min Scan# 1016

Delta R.T. 0.000 min

Lab File: VW032641.D

Acq: 12 Dec 2025 08:26

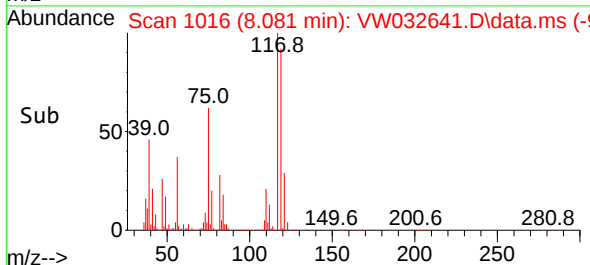
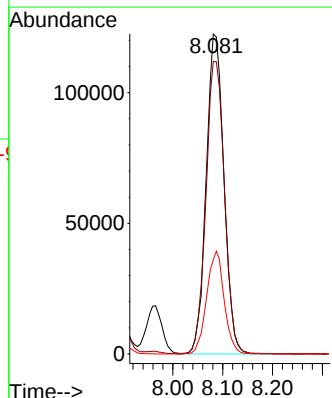
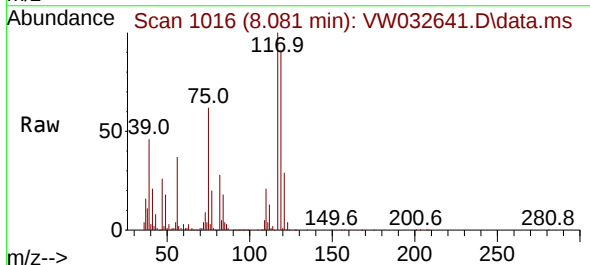
Tgt Ion: 117 Resp: 303455

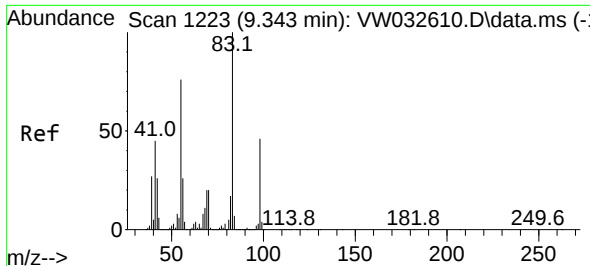
Ion Ratio Lower Upper

117 100

119 91.4 74.3 111.5

121 29.4 23.6 35.4

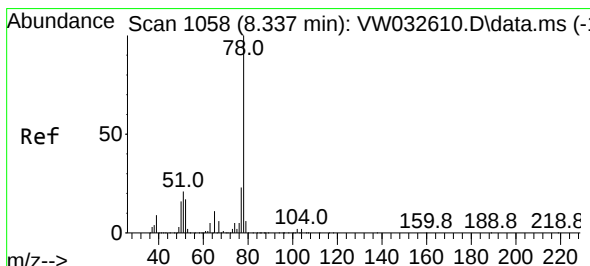
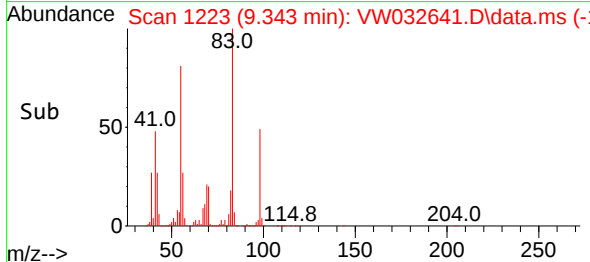
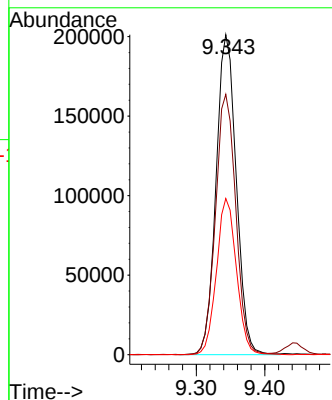
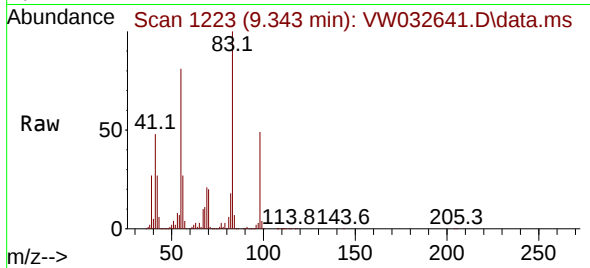




#39
Methylcyclohexane
Concen: 49.310 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

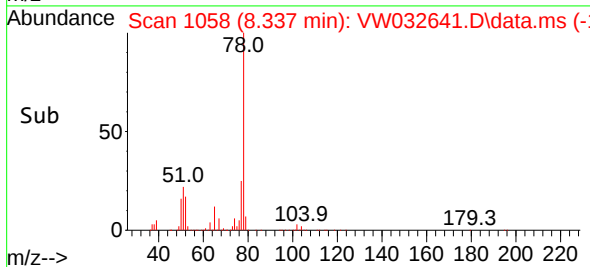
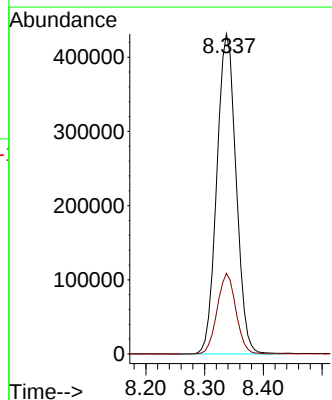
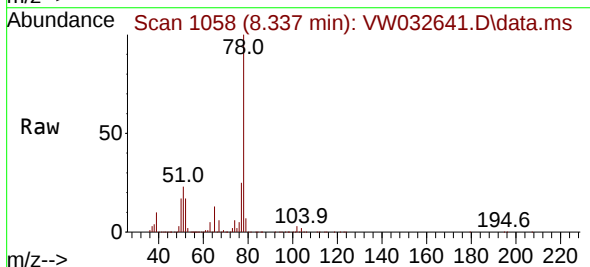
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

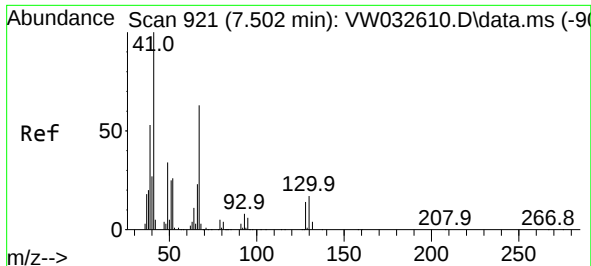
Tgt Ion: 83 Resp: 410255
Ion Ratio Lower Upper
83 100
55 81.3 61.2 91.8
98 48.8 37.0 55.4



#40
Benzene
Concen: 49.030 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

Tgt Ion: 78 Resp: 984021
Ion Ratio Lower Upper
78 100
77 25.2 18.6 28.0

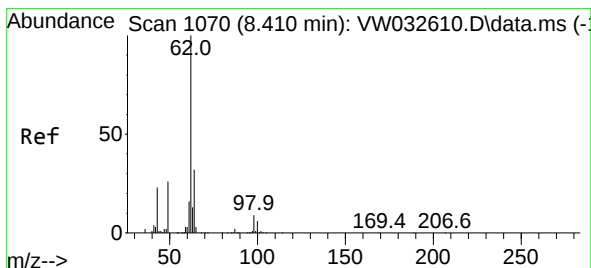
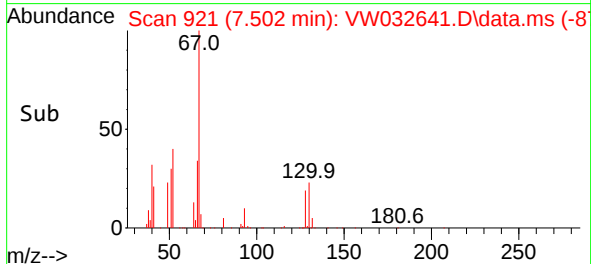
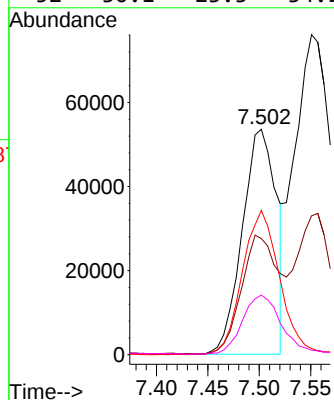
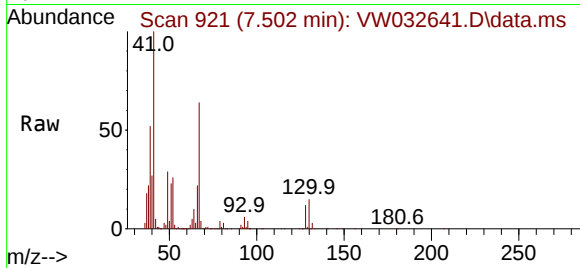




#41
Methacrylonitrile
Concen: 50.985 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

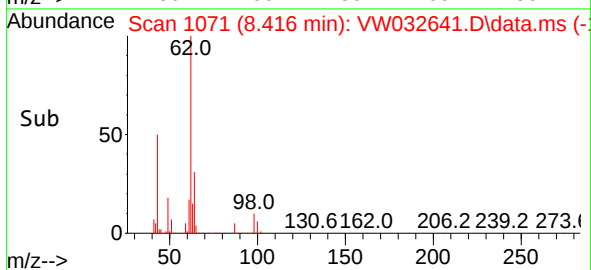
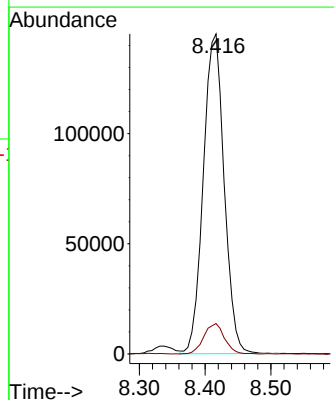
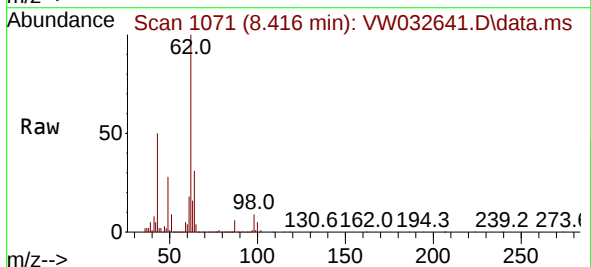
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

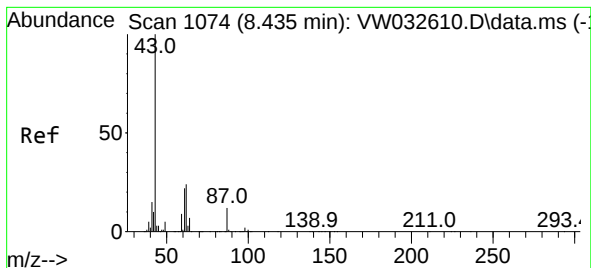
Tgt Ion:	41	Resp:	123490
Ion	Ratio	Lower	Upper
41	100		
39	59.1	47.3	70.9
67	71.0	55.9	83.9
52	30.1	23.3	34.9



#42
1,2-Dichloroethane
Concen: 50.162 ug/l
RT: 8.416 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

Tgt Ion:	62	Resp:	320541
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.8





#43

Isopropyl Acetate

Concen: 50.071 ug/l

RT: 8.435 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VW032641.D

Acq: 12 Dec 2025 08:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

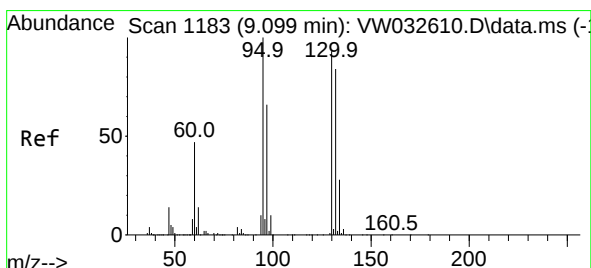
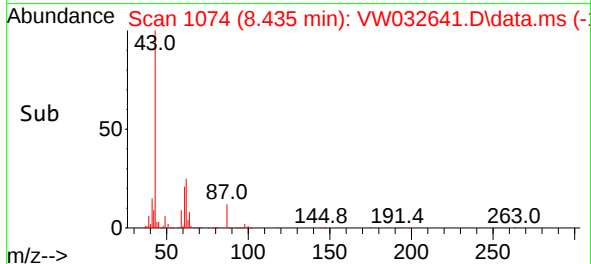
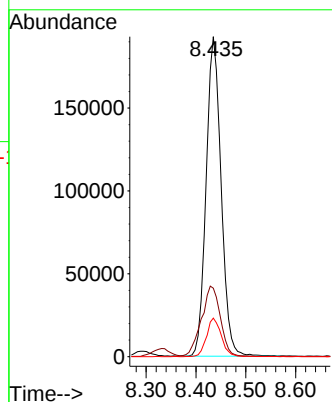
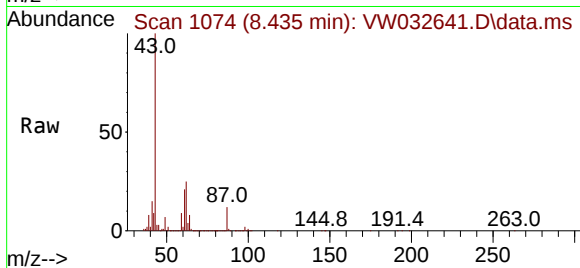
Tgt Ion: 43 Resp: 402393

Ion Ratio Lower Upper

43 100

61 27.9 22.7 34.1

87 11.9 9.6 14.4



#44

Trichloroethene

Concen: 49.456 ug/l

RT: 9.099 min Scan# 1183

Delta R.T. 0.000 min

Lab File: VW032641.D

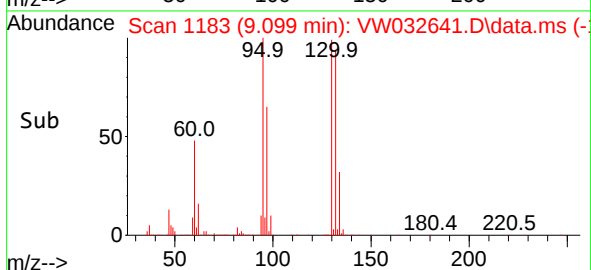
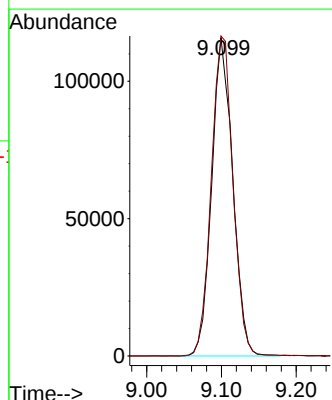
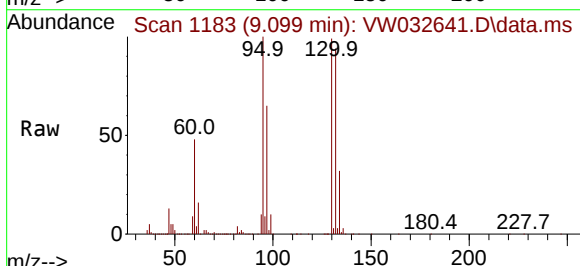
Acq: 12 Dec 2025 08:26

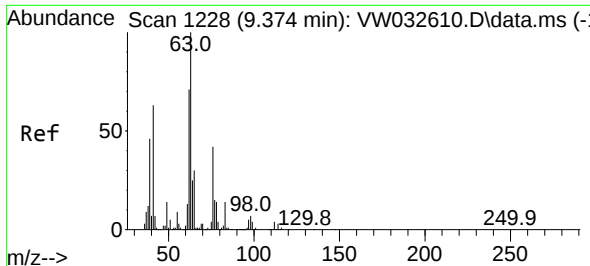
Tgt Ion:130 Resp: 226639

Ion Ratio Lower Upper

130 100

95 100.5 0.0 215.6

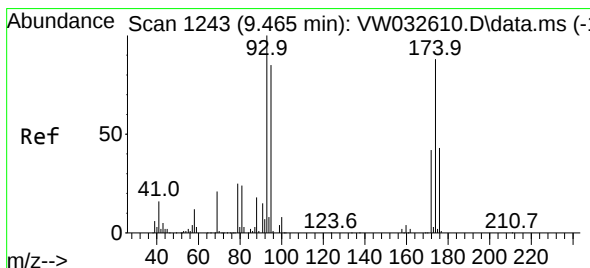
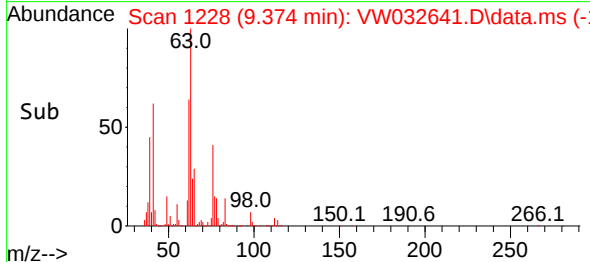
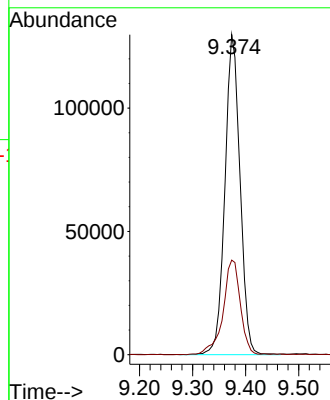
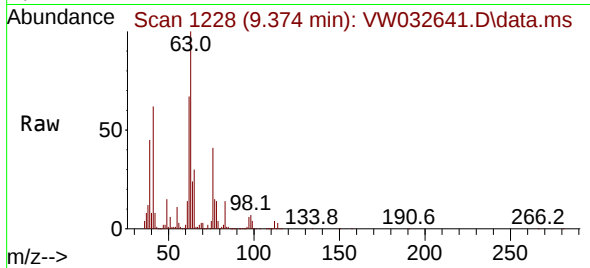




#45
1,2-Dichloropropane
Concen: 50.617 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

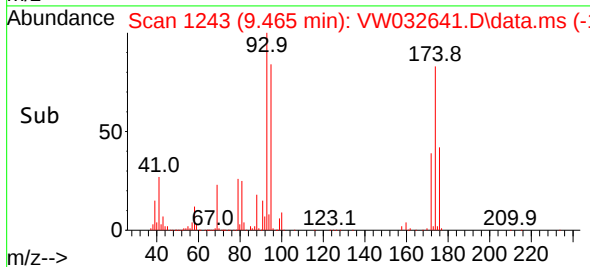
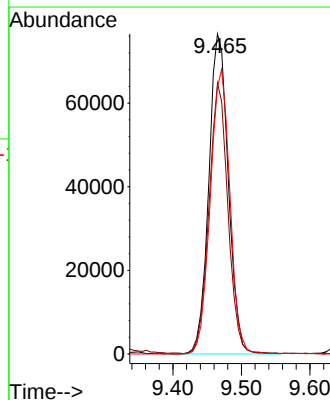
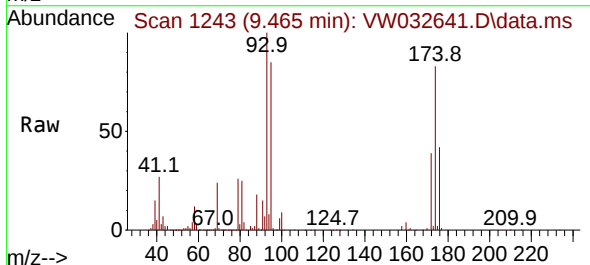
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

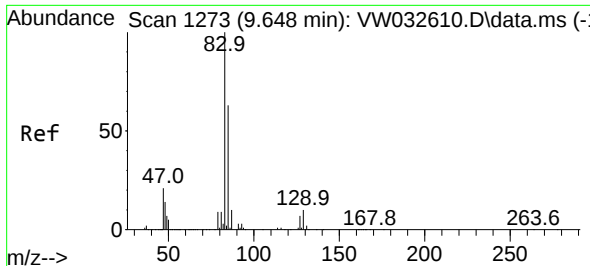
Tgt Ion: 63 Resp: 257054
Ion Ratio Lower Upper
63 100
65 29.5 23.8 35.6



#46
Dibromomethane
Concen: 50.851 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

Tgt Ion: 93 Resp: 151299
Ion Ratio Lower Upper
93 100
95 81.9 67.0 100.4
174 89.4 67.6 101.4

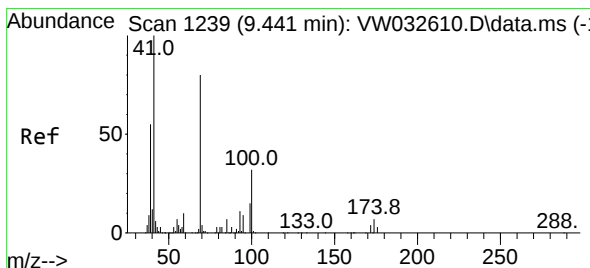
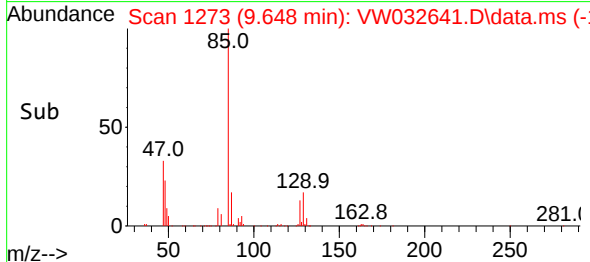
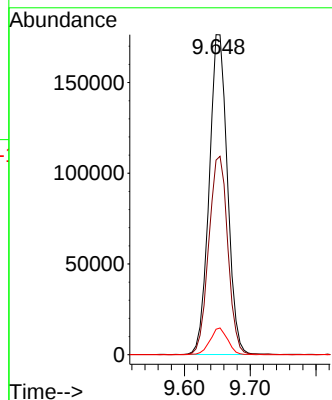
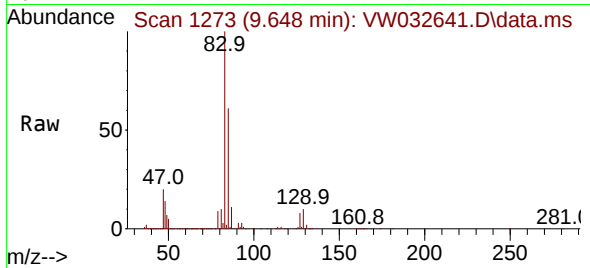




#47
Bromodichloromethane
Concen: 49.140 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

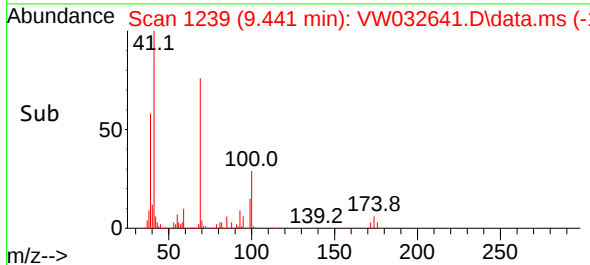
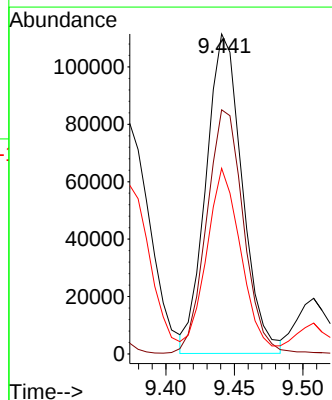
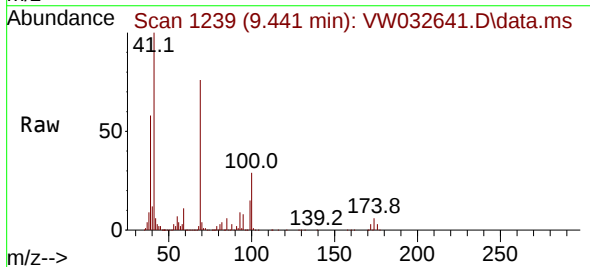
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

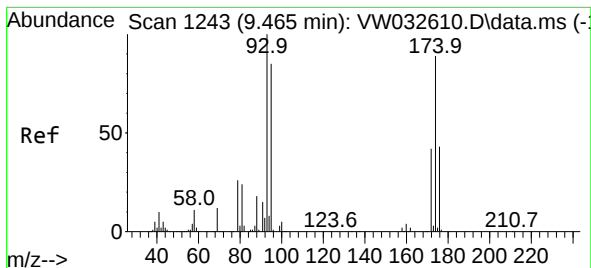
Tgt Ion: 83 Resp: 340103
Ion Ratio Lower Upper
83 100
85 60.8 50.7 76.1
127 7.9 6.0 9.0



#48
Methyl methacrylate
Concen: 53.907 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

Tgt Ion: 41 Resp: 204479
Ion Ratio Lower Upper
41 100
69 78.2 67.9 101.9
39 50.3 43.8 65.8





#49

1,4-Dioxane

Concen: 1008.833 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW032641.D

Acq: 12 Dec 2025 08:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

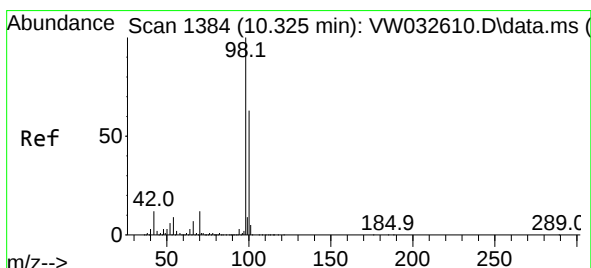
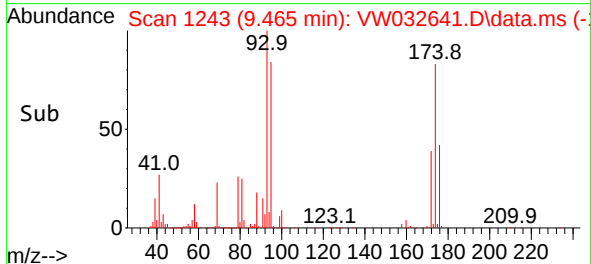
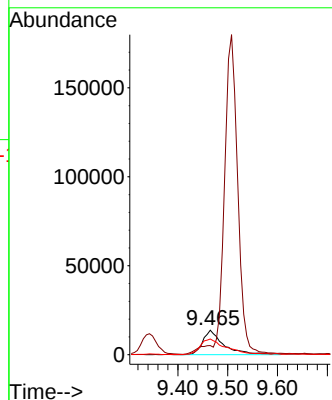
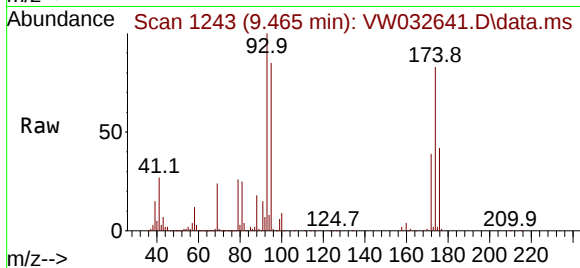
Tgt Ion: 88 Resp: 40268

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 77.8 63.8 95.8



#50

Toluene-d8

Concen: 47.235 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032641.D

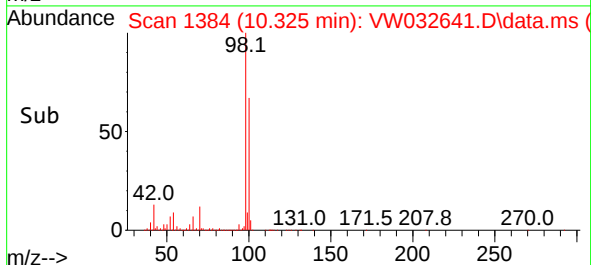
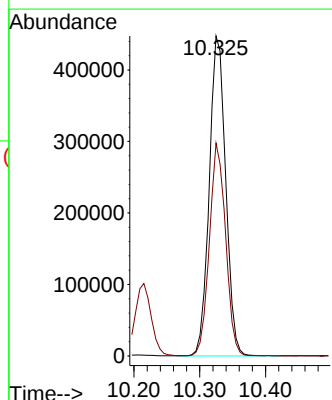
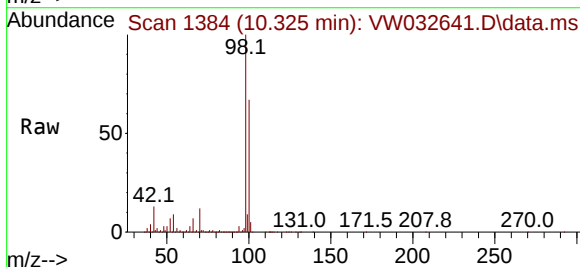
Acq: 12 Dec 2025 08:26

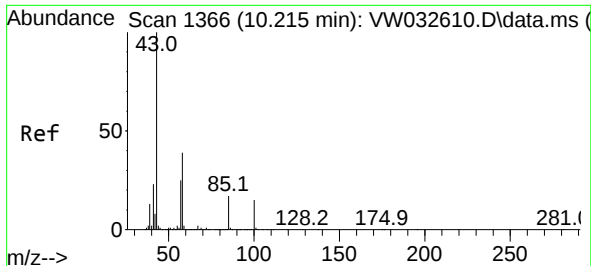
Tgt Ion: 98 Resp: 778947

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.2

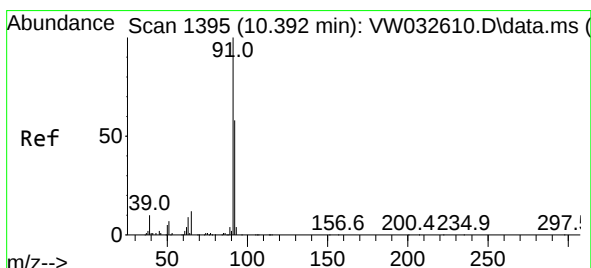
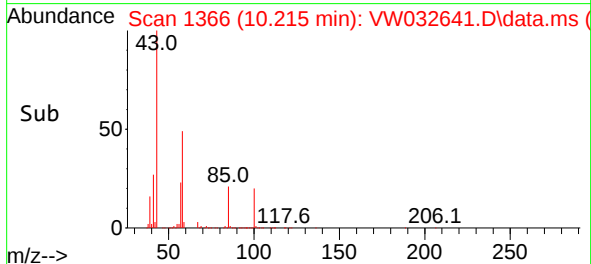
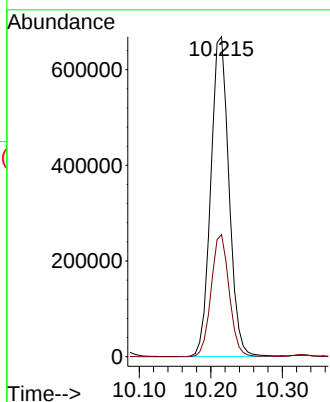
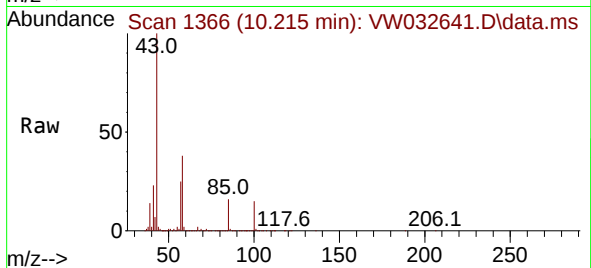




#51
4-Methyl-2-Pentanone
Concen: 264.002 ug/l
RT: 10.215 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

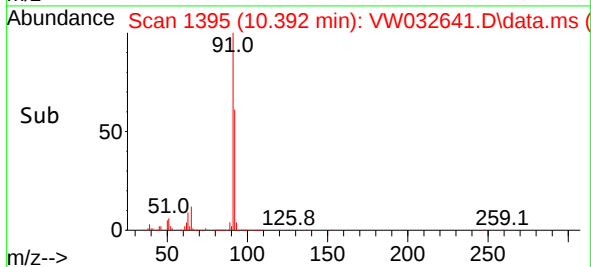
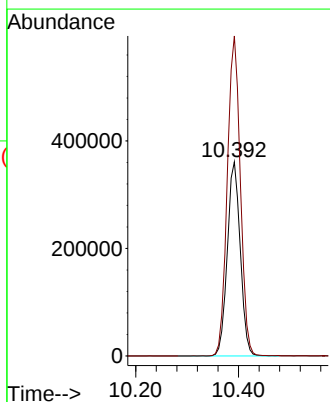
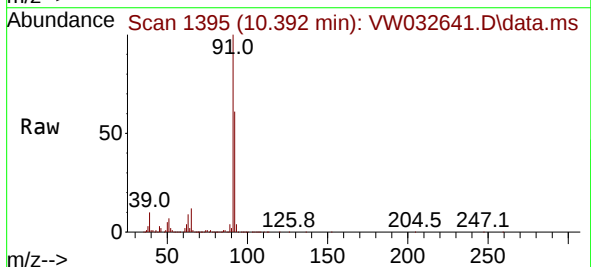
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

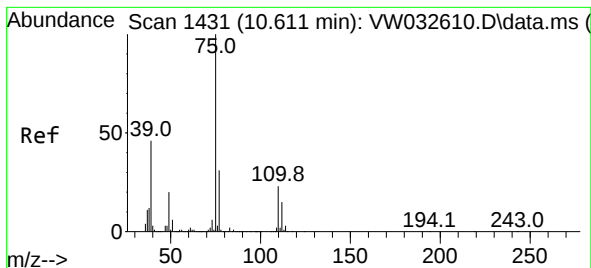
Tgt Ion: 43 Resp: 1182889
Ion Ratio Lower Upper
43 100
58 37.8 30.6 45.8



#52
Toluene
Concen: 51.144 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

Tgt Ion: 92 Resp: 631527
Ion Ratio Lower Upper
92 100
91 166.1 137.6 206.4

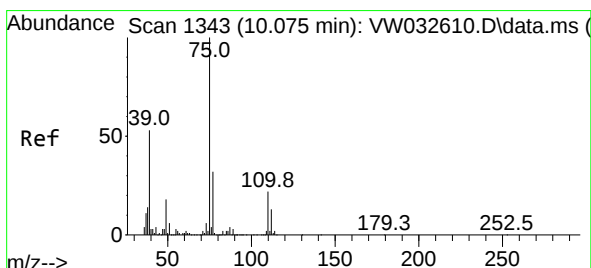
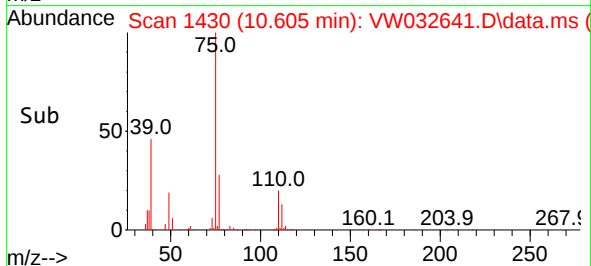
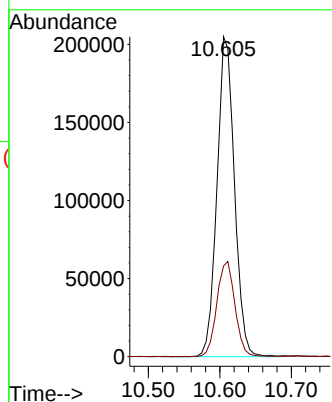
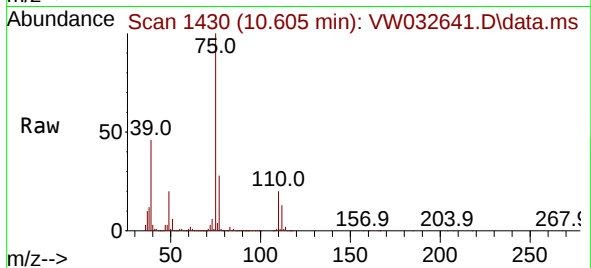




#53
t-1,3-Dichloropropene
Concen: 50.905 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

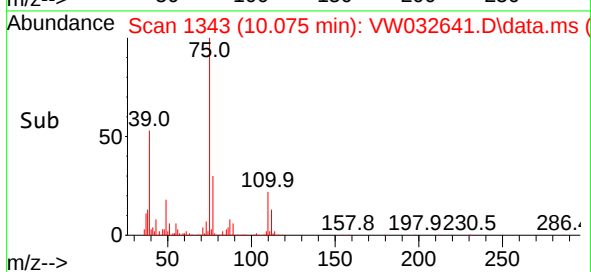
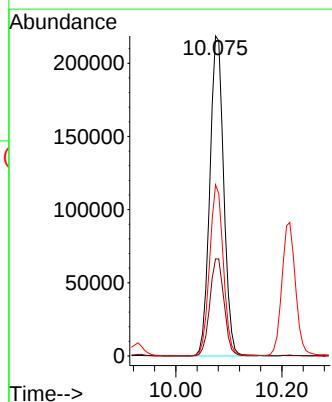
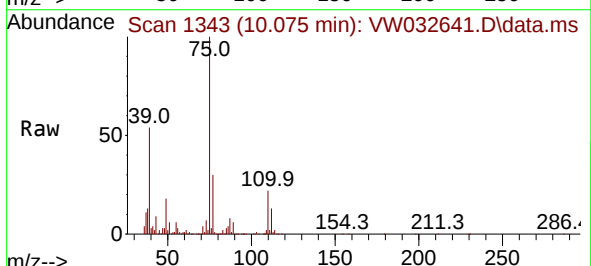
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

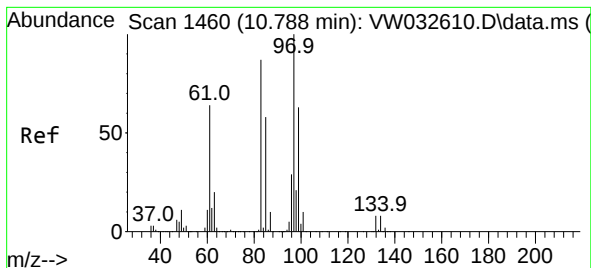
Tgt Ion: 75 Resp: 347386
Ion Ratio Lower Upper
75 100
77 28.3 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 50.540 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

Tgt Ion: 75 Resp: 397713
Ion Ratio Lower Upper
75 100
77 30.3 26.0 39.0
39 53.4 42.5 63.7



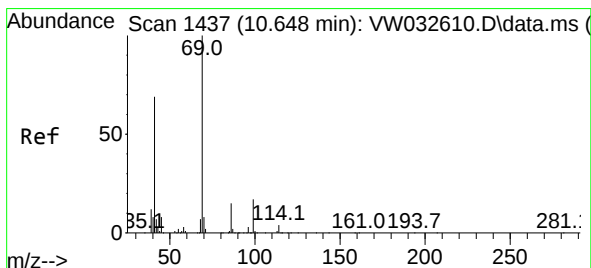
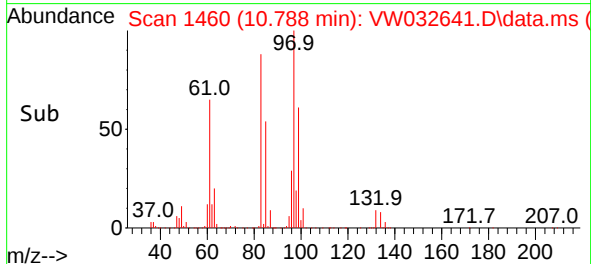
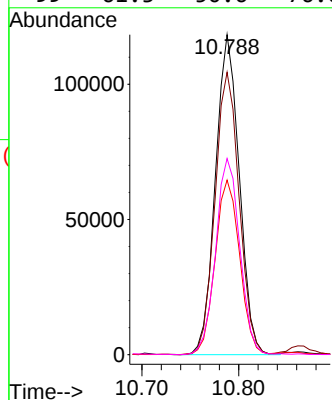
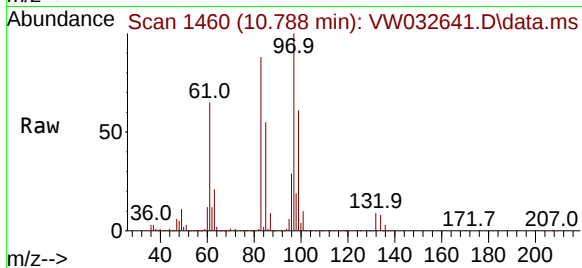


#55
1,1,2-Trichloroethane
Concen: 50.727 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 202508

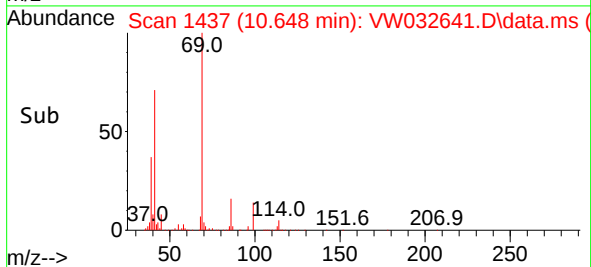
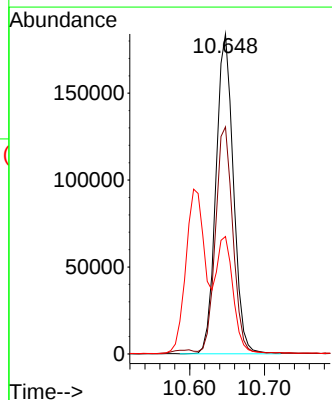
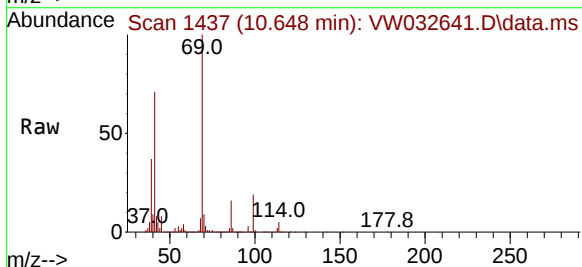
Ion	Ratio	Lower	Upper
97	100		
83	88.2	69.3	103.9
85	54.5	46.1	69.1
99	61.3	50.6	76.0

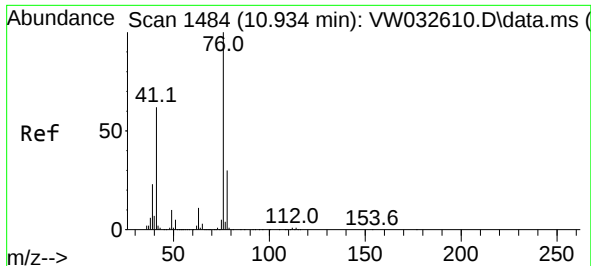


#56
Ethyl methacrylate
Concen: 51.762 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

Tgt Ion: 69 Resp: 298325

Ion	Ratio	Lower	Upper
69	100		
41	70.6	57.0	85.6
39	34.3	27.2	40.8





#57

1,3-Dichloropropane

Concen: 51.036 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032641.D

Acq: 12 Dec 2025 08:26

Instrument :

MSVOA_W

ClientSampleId :

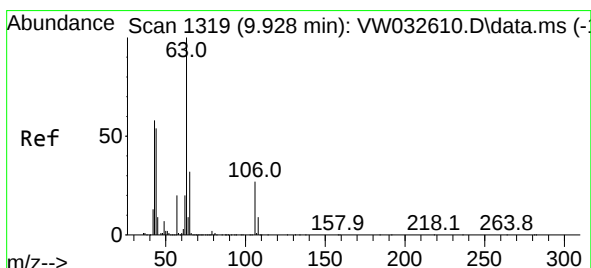
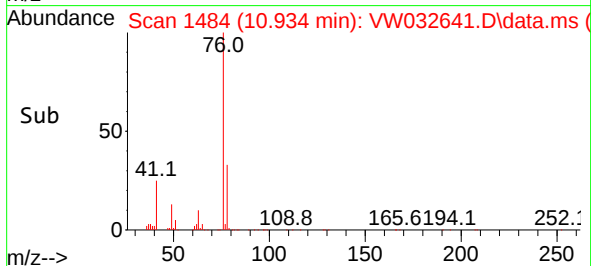
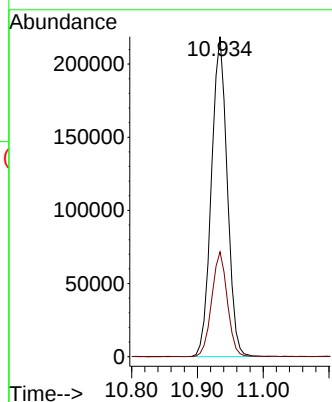
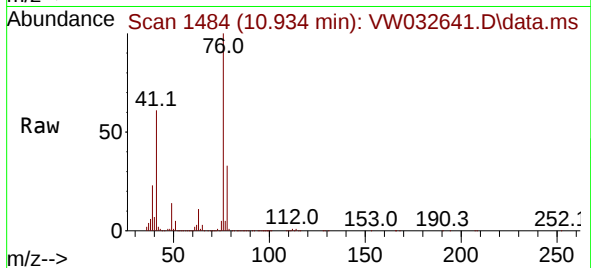
VSTDCCC050

Tgt Ion: 76 Resp: 365950

Ion Ratio Lower Upper

76 100

78 32.3 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 330.366 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032641.D

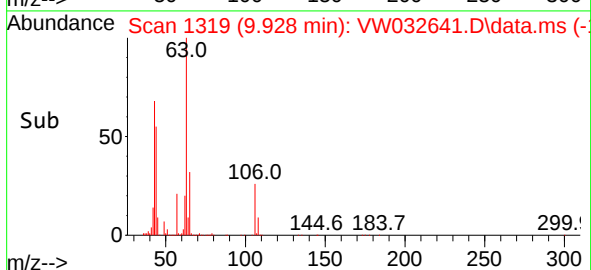
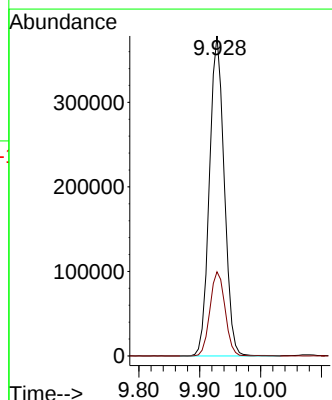
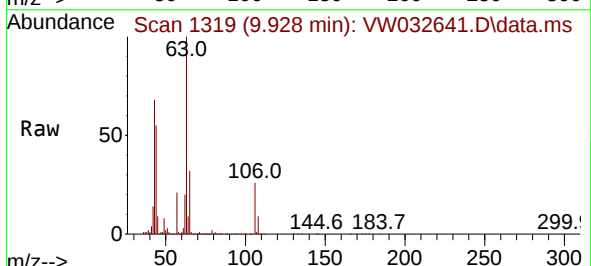
Acq: 12 Dec 2025 08:26

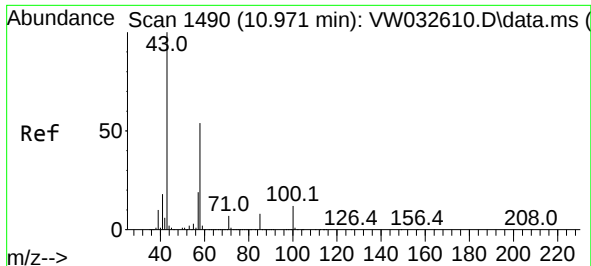
Tgt Ion: 63 Resp: 639864

Ion Ratio Lower Upper

63 100

106 26.8 21.3 31.9

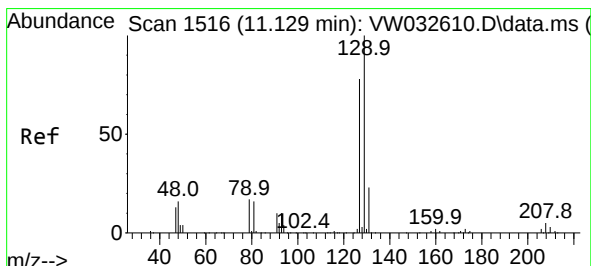
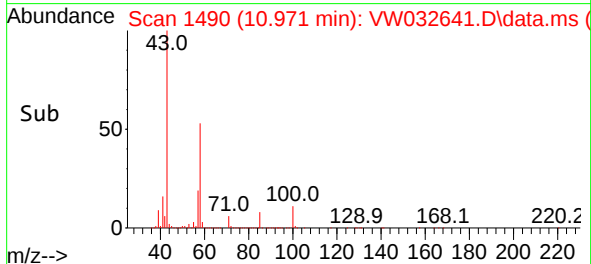
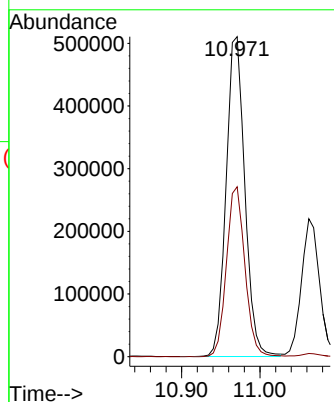
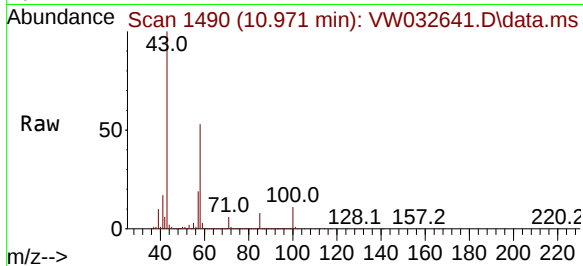




#59
2-Hexanone
Concen: 261.028 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

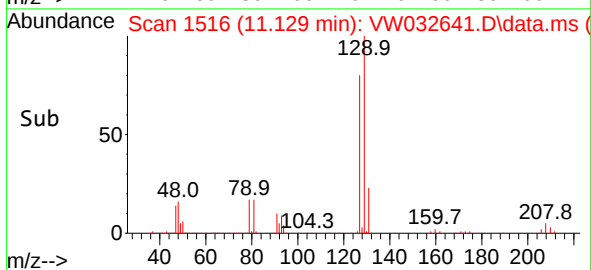
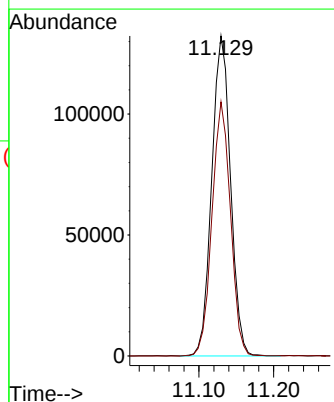
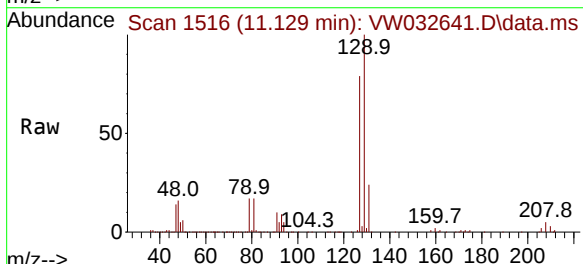
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

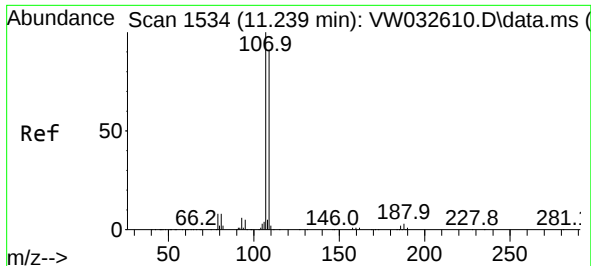
Tgt Ion: 43 Resp: 847069
Ion Ratio Lower Upper
43 100
58 52.6 26.3 78.9



#60
Dibromochloromethane
Concen: 52.113 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

Tgt Ion: 129 Resp: 231728
Ion Ratio Lower Upper
129 100
127 78.1 37.2 111.6

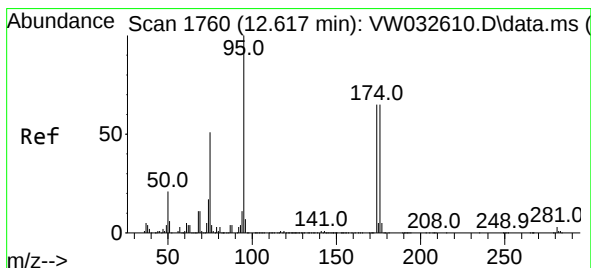
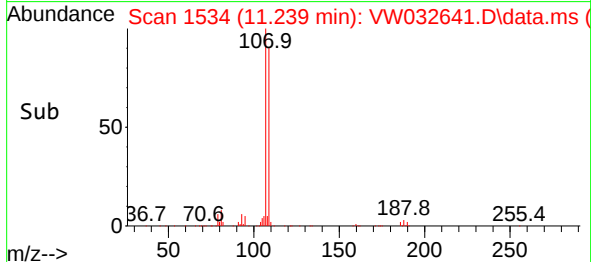
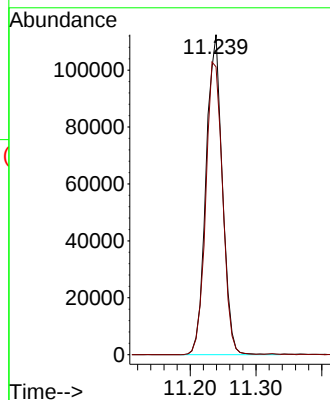
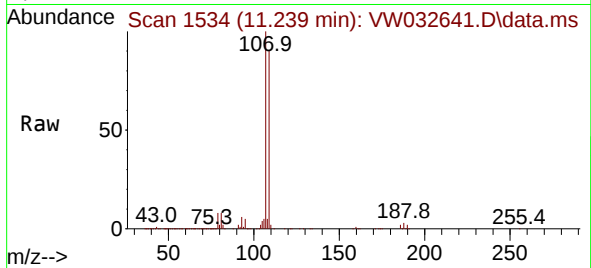




#61
1,2-Dibromoethane
Concen: 50.199 ug/l
RT: 11.239 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

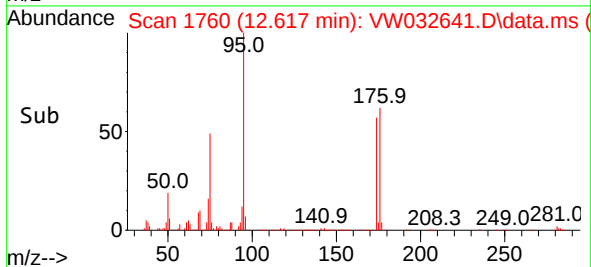
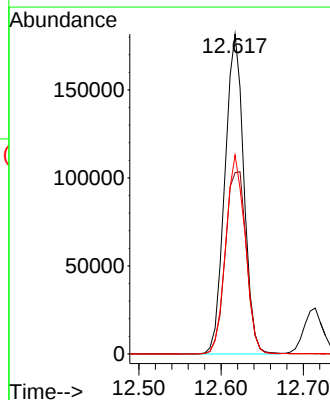
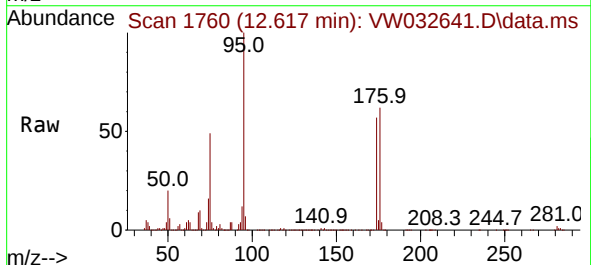
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

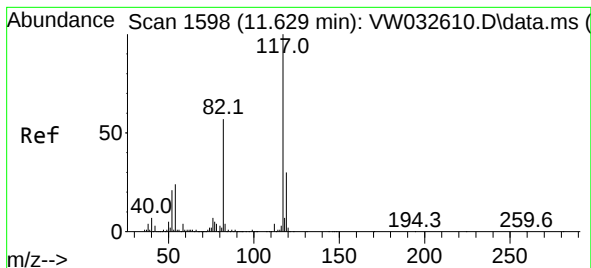
Tgt Ion:107 Resp: 193787
Ion Ratio Lower Upper
107 100
109 94.3 73.0 109.4



#62
4-Bromofluorobenzene
Concen: 48.083 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

Tgt Ion: 95 Resp: 291123
Ion Ratio Lower Upper
95 100
174 63.6 0.0 135.0
176 63.8 0.0 123.4

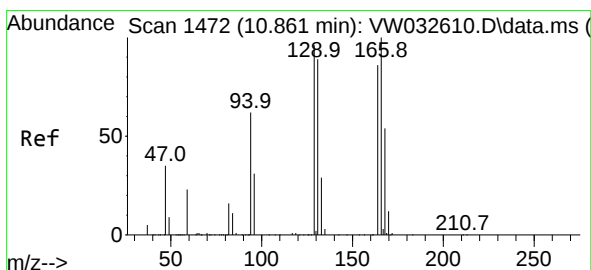
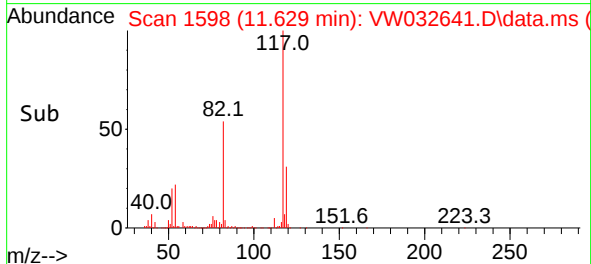
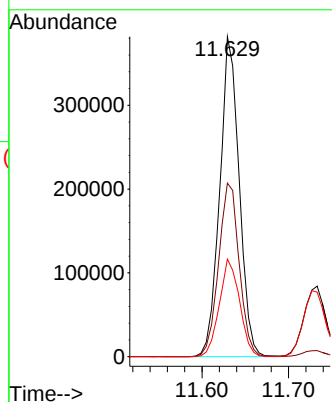
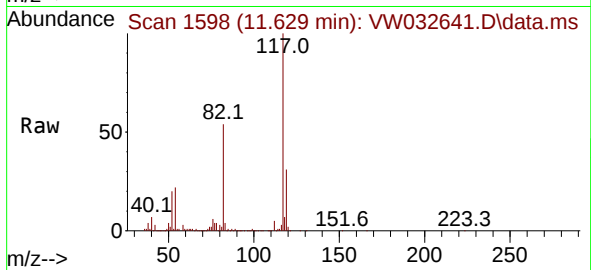




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

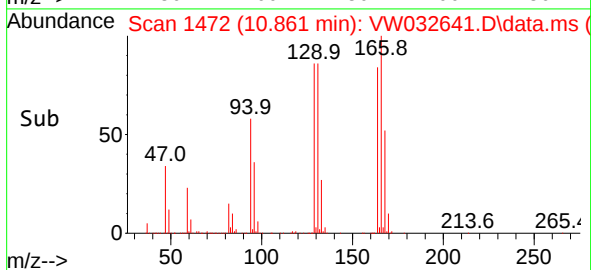
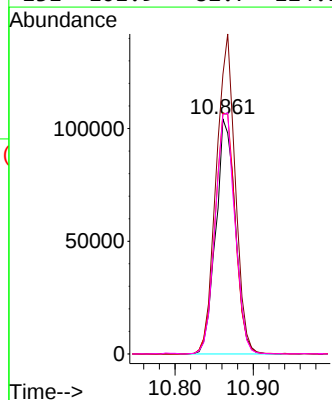
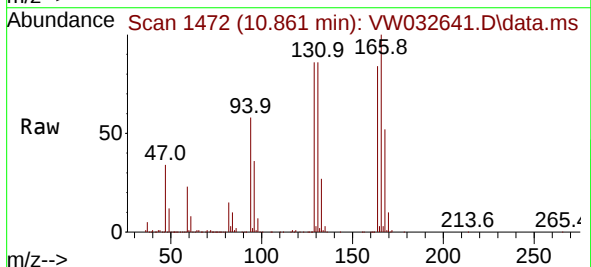
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

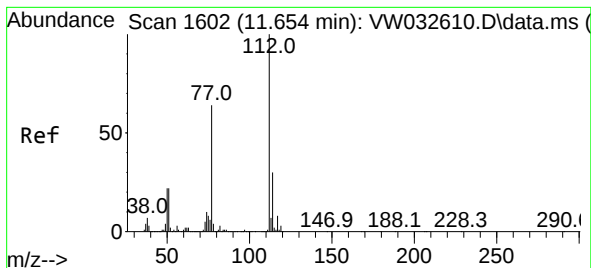
Tgt Ion:117 Resp: 595450
Ion Ratio Lower Upper
117 100
82 54.2 45.5 68.3
119 30.5 23.8 35.8



#64
Tetrachloroethene
Concen: 47.200 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

Tgt Ion:164 Resp: 180201
Ion Ratio Lower Upper
164 100
166 118.9 93.0 139.6
129 102.5 89.2 133.8
131 101.9 82.7 124.1





#65

Chlorobenzene

Concen: 50.461 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032641.D

Acq: 12 Dec 2025 08:26

Instrument :

MSVOA_W

ClientSampleId :

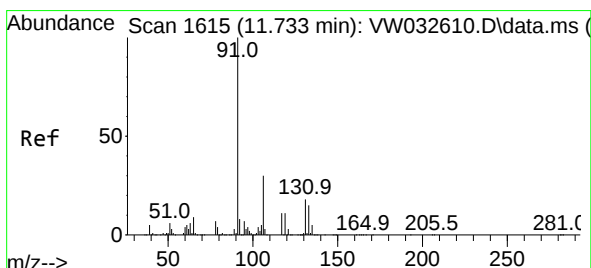
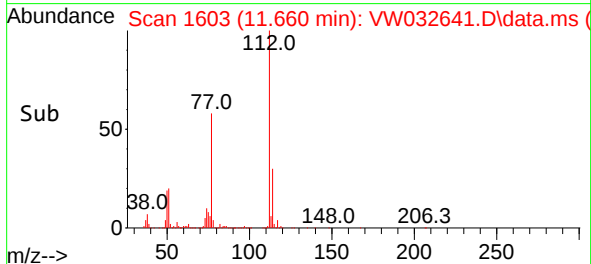
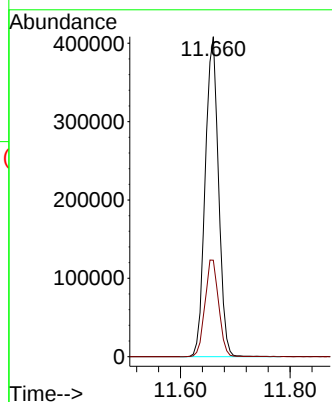
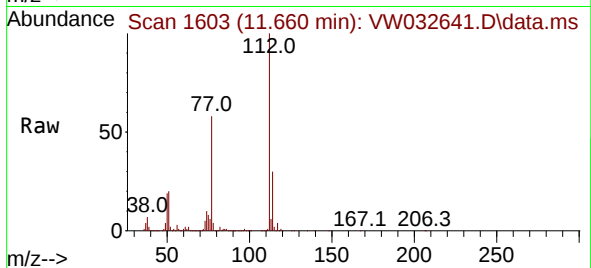
VSTDCCC050

Tgt Ion:112 Resp: 686101

Ion Ratio Lower Upper

112 100

114 30.1 23.8 35.8



#66

1,1,1,2-Tetrachloroethane

Concen: 49.569 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.000 min

Lab File: VW032641.D

Acq: 12 Dec 2025 08:26

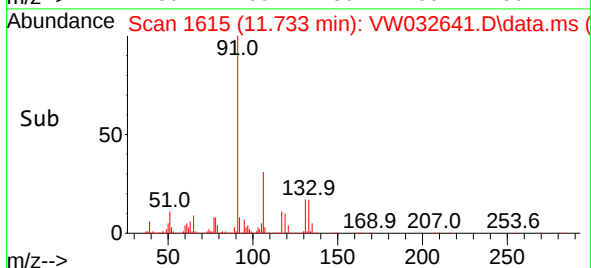
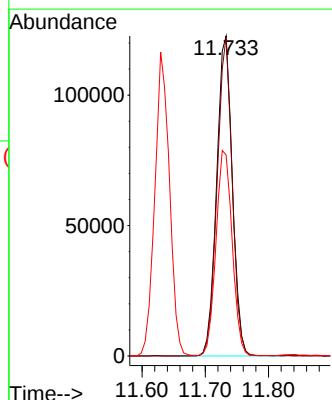
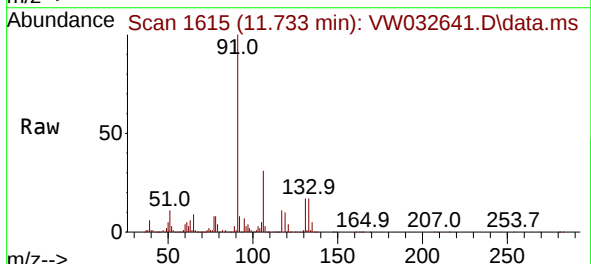
Tgt Ion:131 Resp: 210472

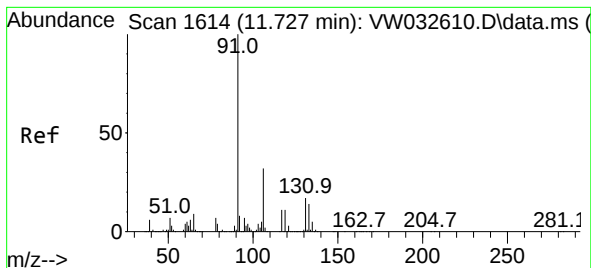
Ion Ratio Lower Upper

131 100

133 95.6 44.0 132.1

119 66.3 32.0 96.2

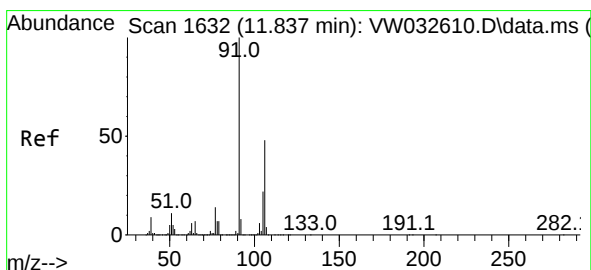
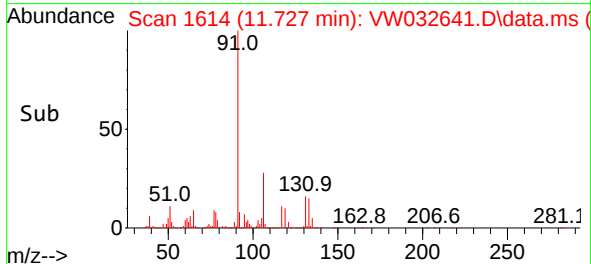
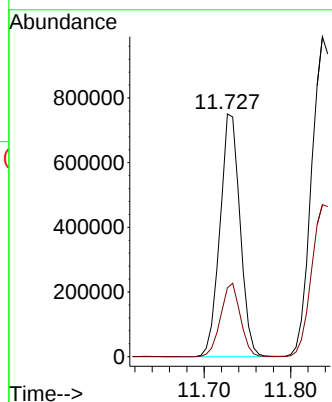
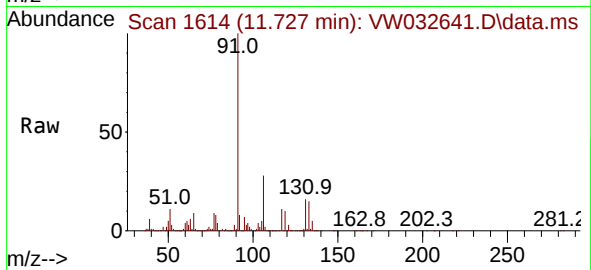




#67
Ethyl Benzene
Concen: 51.474 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

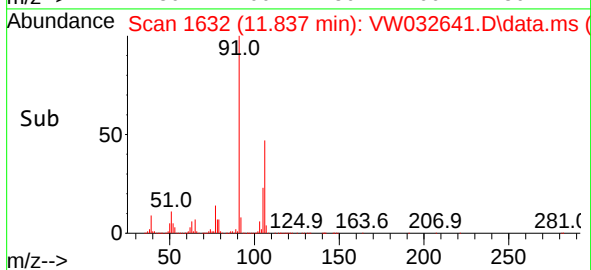
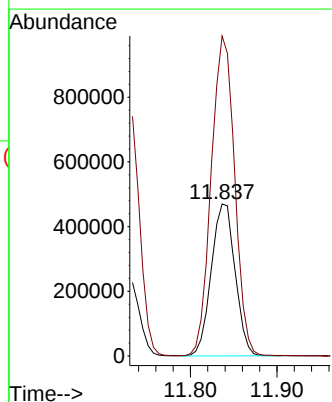
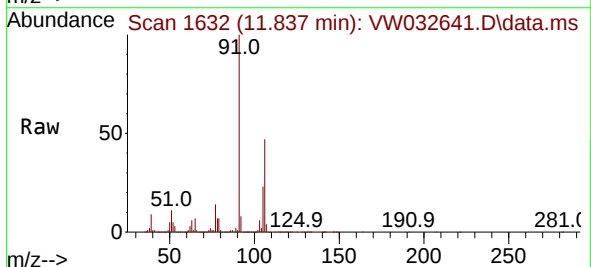
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

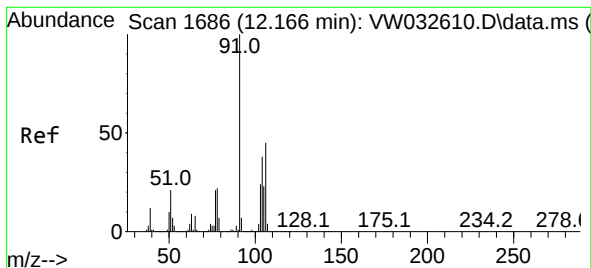
Tgt Ion: 91 Resp: 1209541
Ion Ratio Lower Upper
91 100
106 28.4 25.8 38.6



#68
m/p-Xylenes
Concen: 99.663 ug/l
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

Tgt Ion:106 Resp: 898764
Ion Ratio Lower Upper
106 100
91 207.2 165.6 248.4

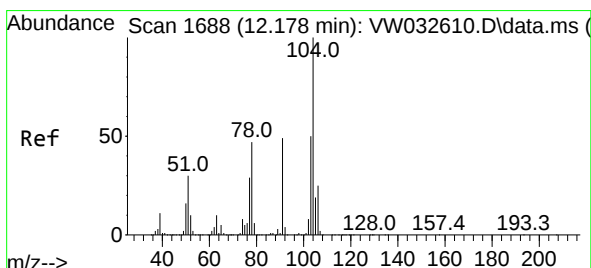
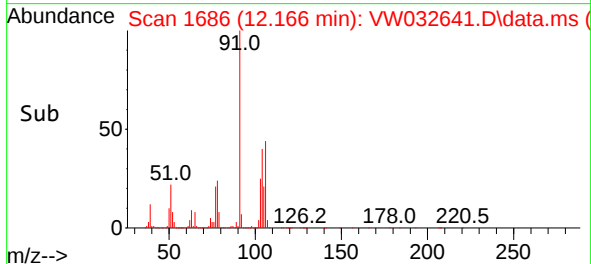
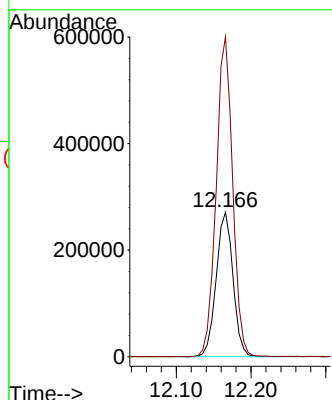
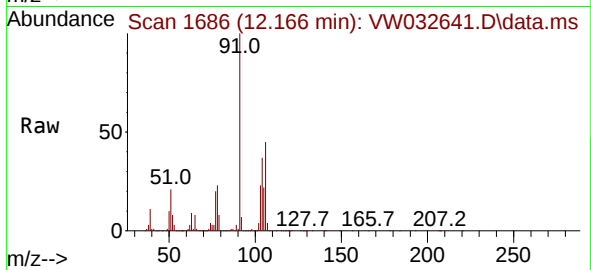




#69
o-Xylene
Concen: 50.926 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

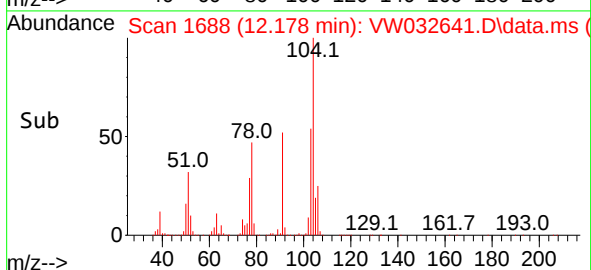
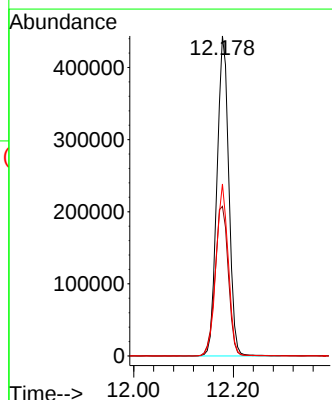
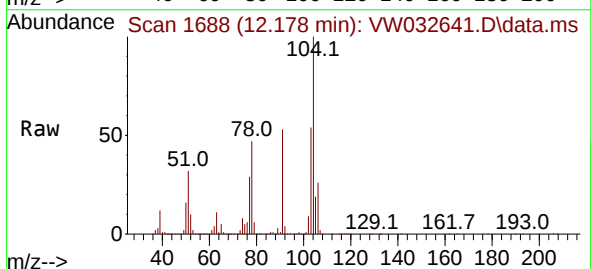
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

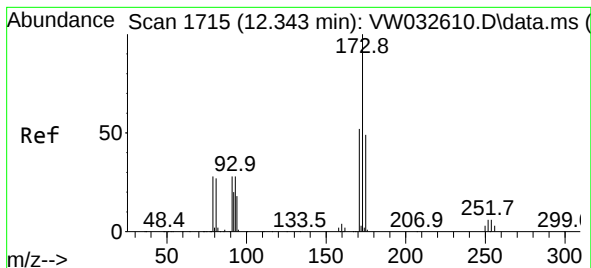
Tgt Ion:106 Resp: 423560
Ion Ratio Lower Upper
106 100
91 217.0 108.3 324.8



#70
Styrene
Concen: 50.569 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

Tgt Ion:104 Resp: 733235
Ion Ratio Lower Upper
104 100
78 52.4 41.5 62.3
103 55.3 43.8 65.6





#71

Bromoform

Concen: 51.175 ug/l

RT: 12.349 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032641.D

Acq: 12 Dec 2025 08:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

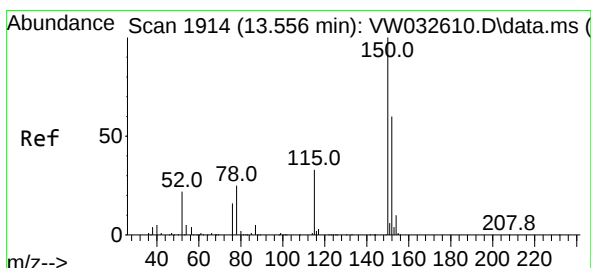
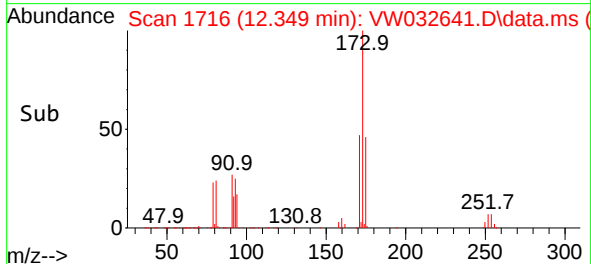
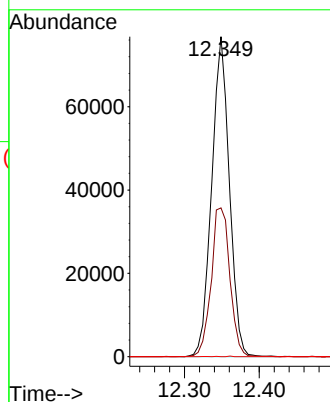
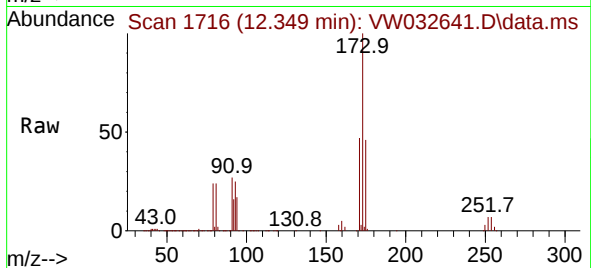
Tgt Ion:173 Resp: 126168

Ion Ratio Lower Upper

173 100

175 49.2 24.9 74.7

254 0.0 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: VW032641.D

Acq: 12 Dec 2025 08:26

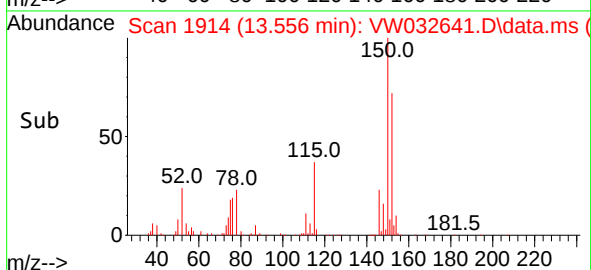
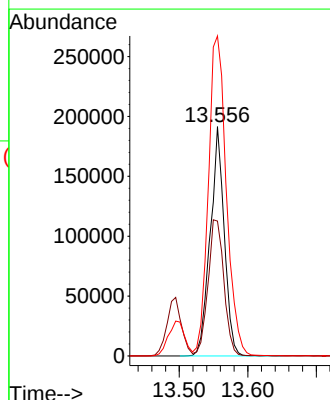
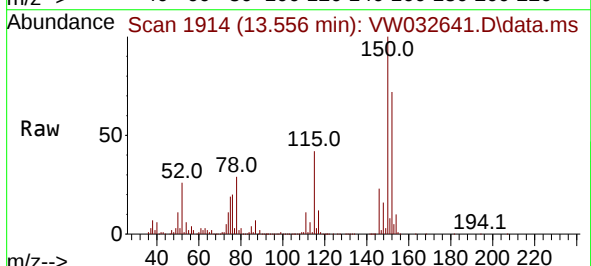
Tgt Ion:152 Resp: 274486

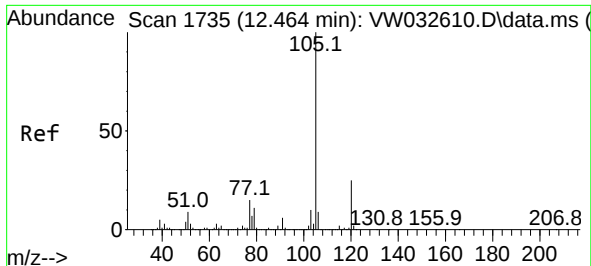
Ion Ratio Lower Upper

152 100

115 66.7 33.8 101.3

150 177.2 0.0 369.4

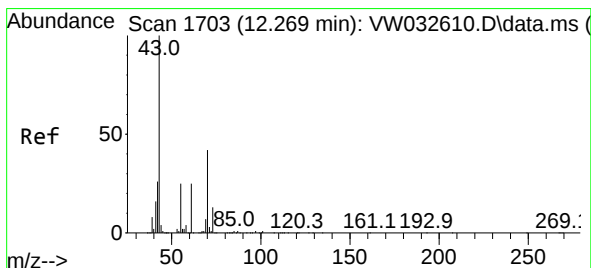
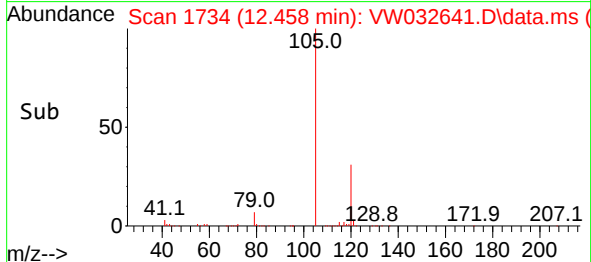
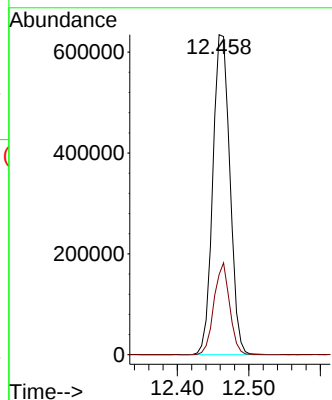
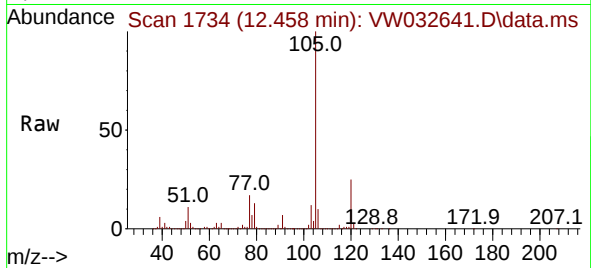




#73
Isopropylbenzene
Concen: 50.372 ug/l
RT: 12.458 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

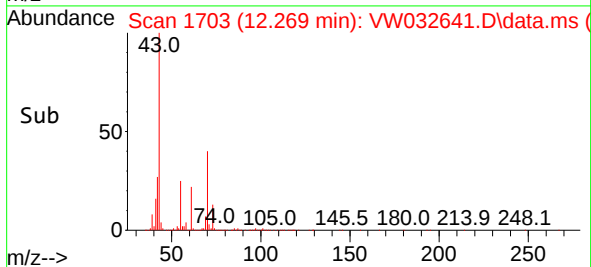
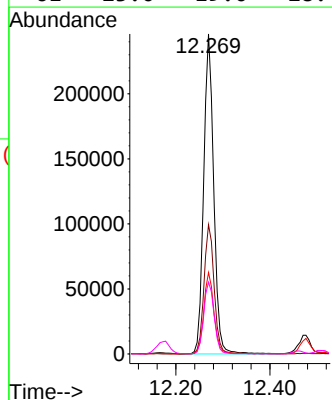
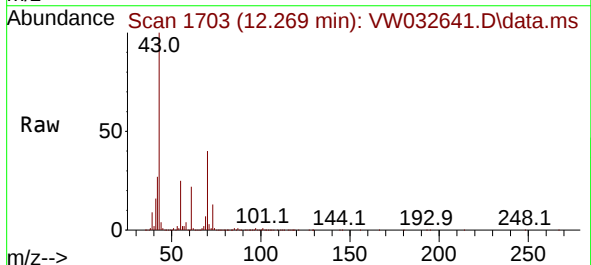
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

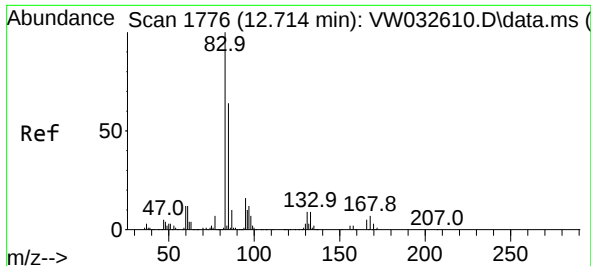
Tgt Ion:105 Resp: 1051639
Ion Ratio Lower Upper
105 100
120 26.2 13.0 39.0



#74
N-ethyl acetate
Concen: 51.298 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

Tgt Ion: 43 Resp: 366933
Ion Ratio Lower Upper
43 100
70 40.5 32.4 48.6
55 25.6 19.8 29.6
61 23.0 19.0 28.4

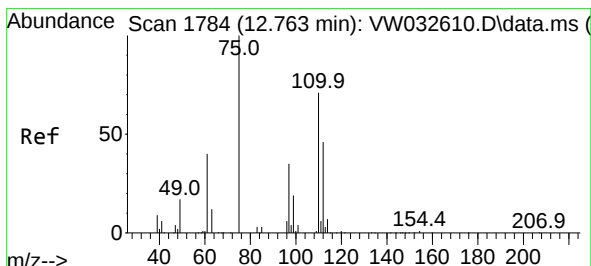
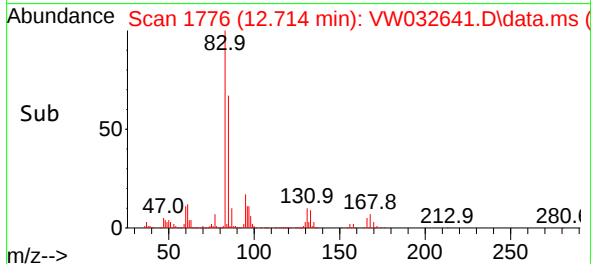
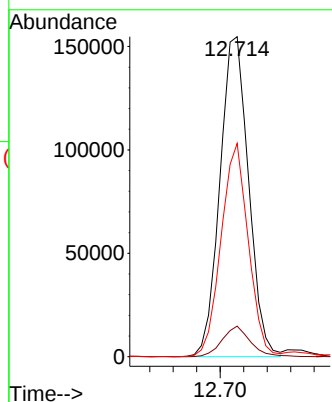
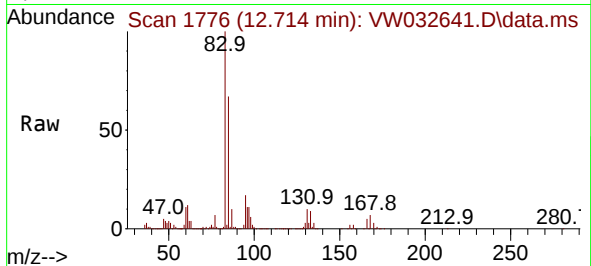




#75
1,1,2,2-Tetrachloroethane
Concen: 52.200 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

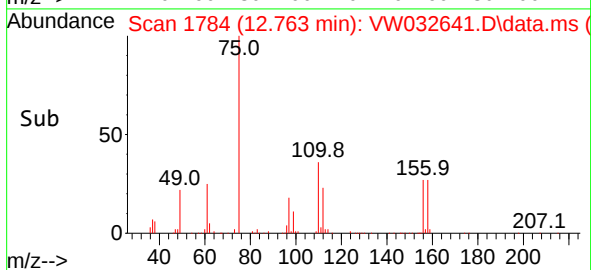
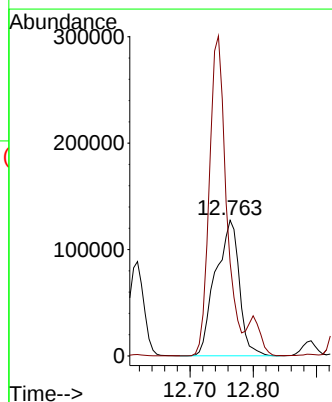
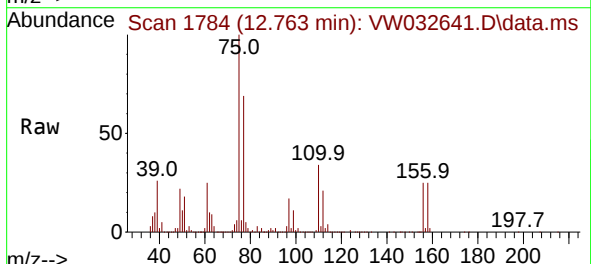
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

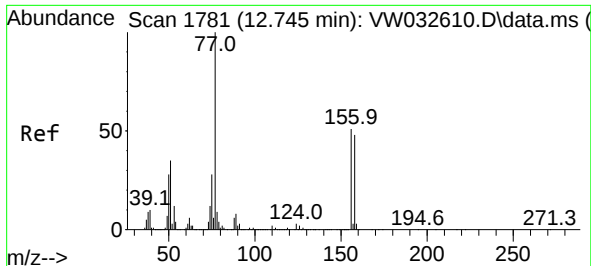
Tgt Ion: 83 Resp: 262369
Ion Ratio Lower Upper
83 100
131 9.4 5.0 14.9
85 63.3 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 89.922 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

Tgt Ion: 75 Resp: 331207
Ion Ratio Lower Upper
75 100
77 168.8 154.0 462.0

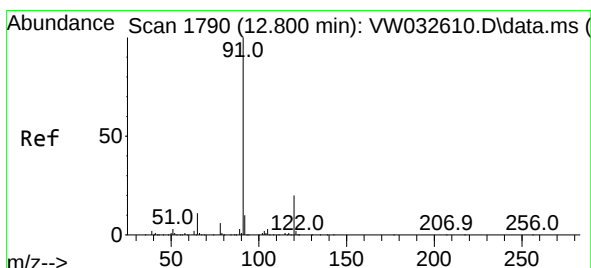
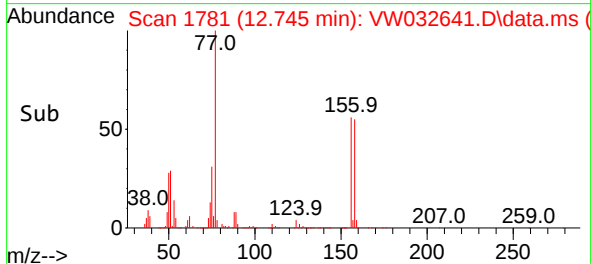
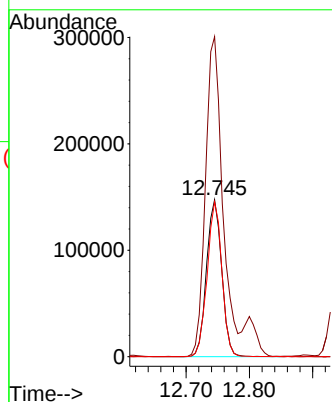
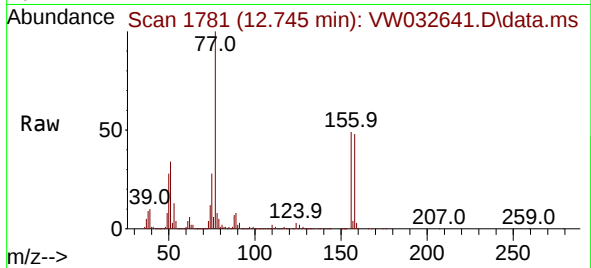




#77
Bromobenzene
Concen: 51.381 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

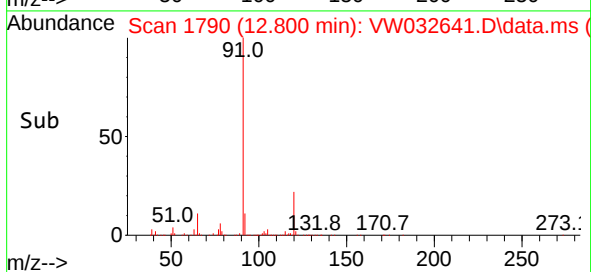
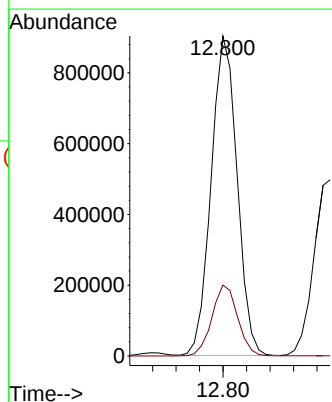
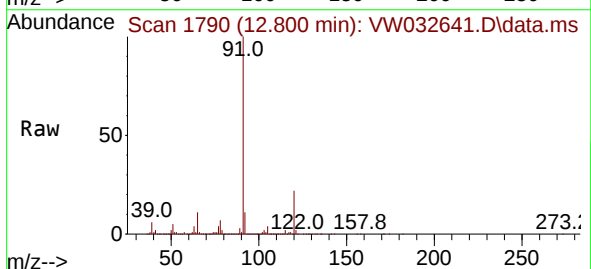
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

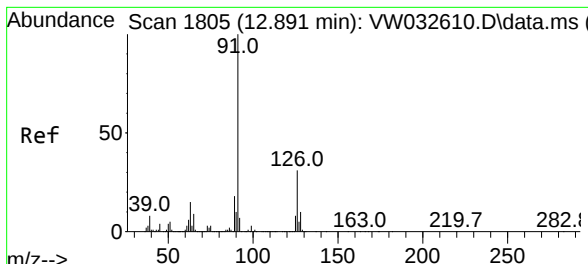
Tgt Ion:156 Resp: 246155
Ion Ratio Lower Upper
156 100
77 227.1 116.7 350.1
158 96.1 49.9 149.7



#78
n-propylbenzene
Concen: 51.909 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

Tgt Ion: 91 Resp: 1384302
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.6

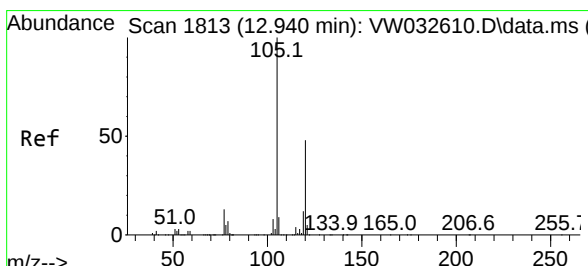
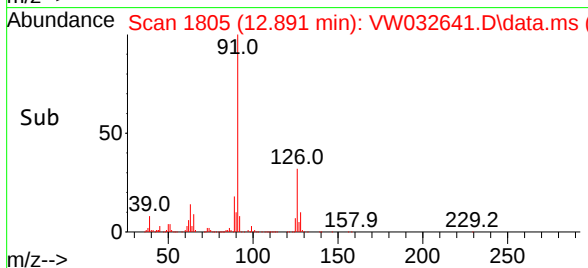
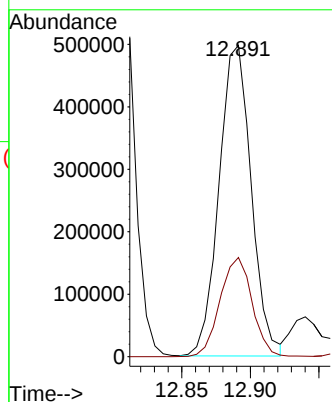
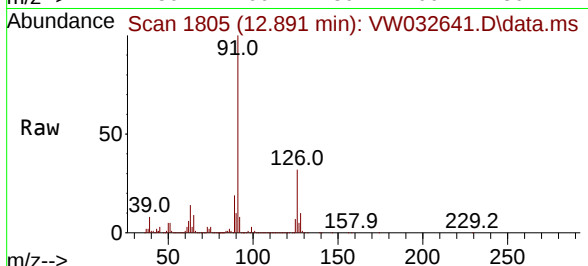




#79
 2-Chlorotoluene
 Concen: 51.976 ug/l
 RT: 12.891 min Scan# 1805
 Delta R.T. 0.000 min
 Lab File: VW032641.D
 Acq: 12 Dec 2025 08:26

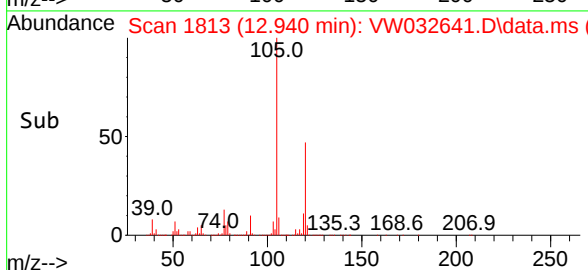
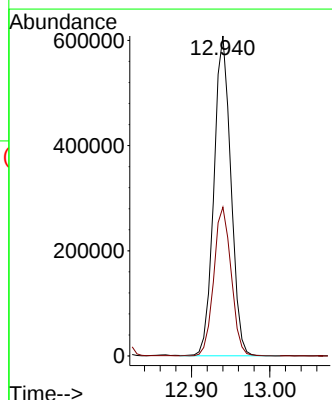
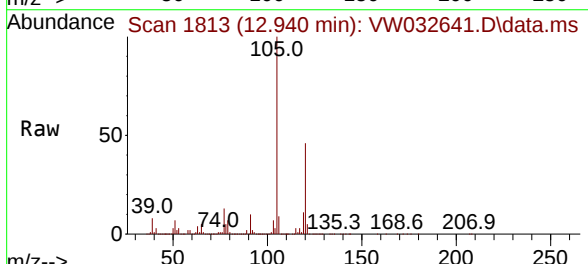
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

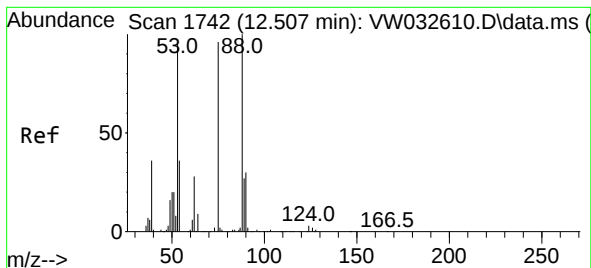
Tgt Ion: 91 Resp: 813620
 Ion Ratio Lower Upper
 91 100
 126 31.8 16.2 48.6



#80
 1,3,5-Trimethylbenzene
 Concen: 52.169 ug/l
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW032641.D
 Acq: 12 Dec 2025 08:26

Tgt Ion: 105 Resp: 914822
 Ion Ratio Lower Upper
 105 100
 120 47.6 24.3 72.8

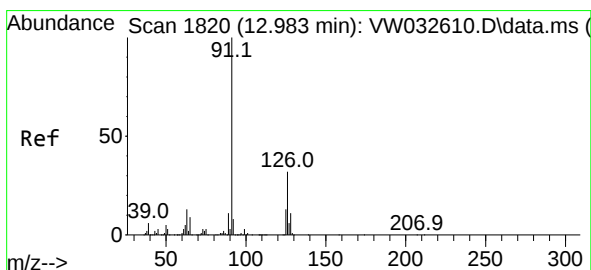
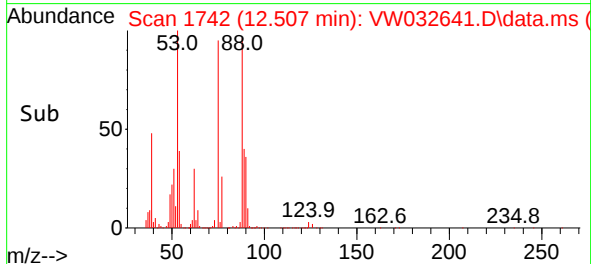
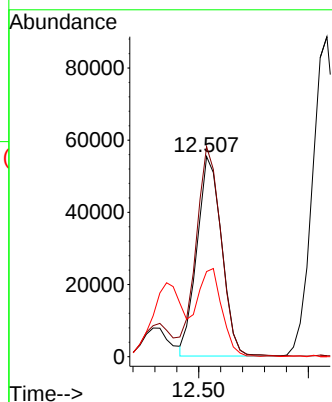
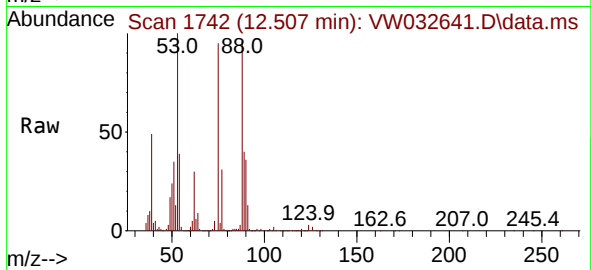




#81
trans-1,4-Dichloro-2-butene
Concen: 58.391 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

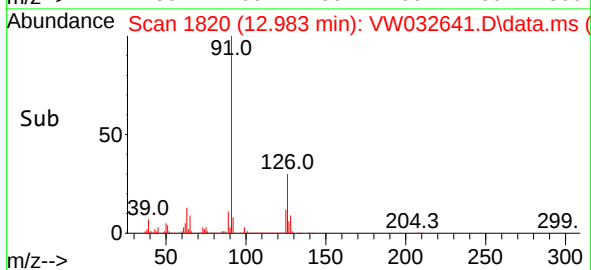
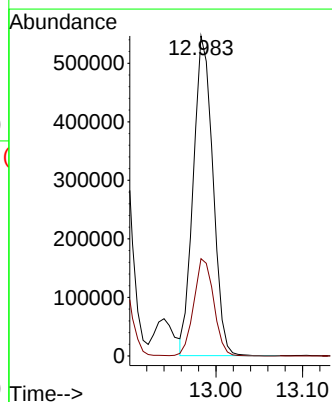
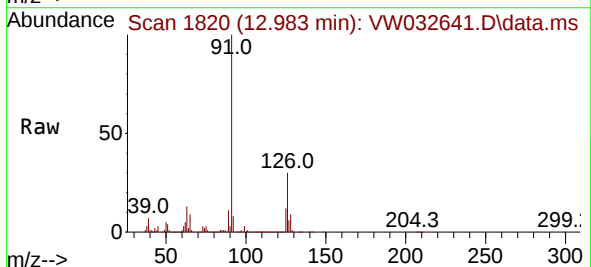
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

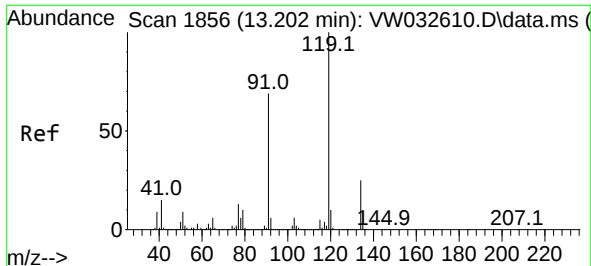
Tgt Ion: 75 Resp: 86622
Ion Ratio Lower Upper
75 100
53 108.0 86.1 129.1
89 44.4 37.4 56.2



#82
4-Chlorotoluene
Concen: 51.499 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

Tgt Ion: 91 Resp: 856187
Ion Ratio Lower Upper
91 100
126 31.0 15.8 47.4

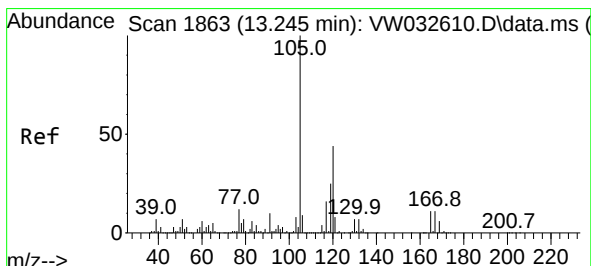
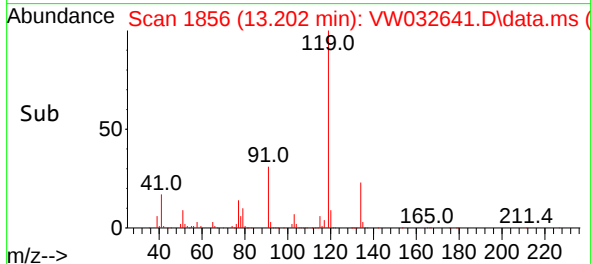
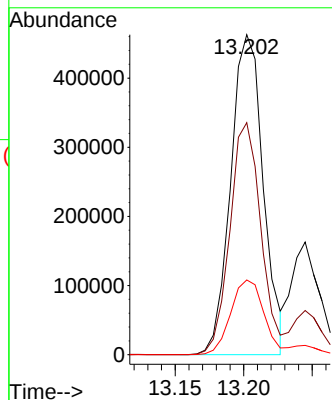
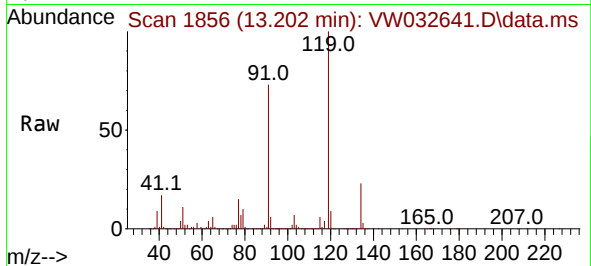




#83
 tert-Butylbenzene
 Concen: 51.236 ug/l
 RT: 13.202 min Scan# 1856
 Delta R.T. 0.000 min
 Lab File: VW032641.D
 Acq: 12 Dec 2025 08:26

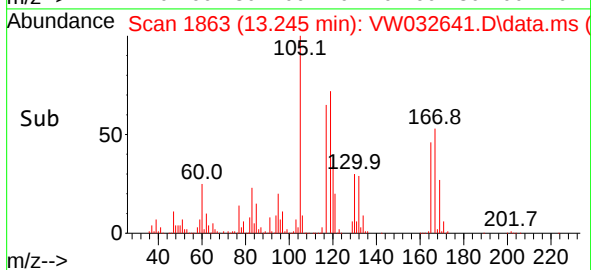
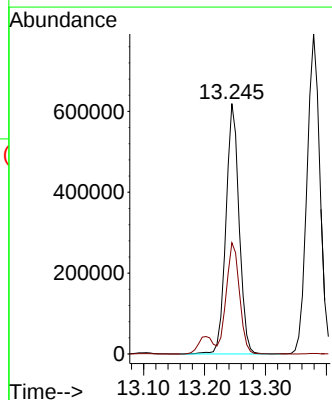
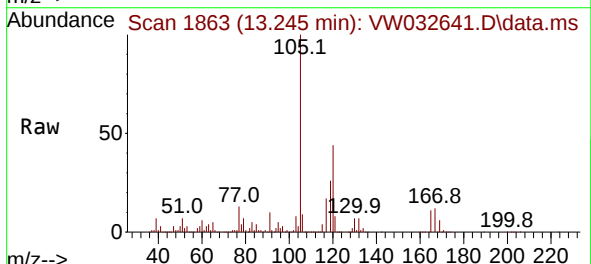
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

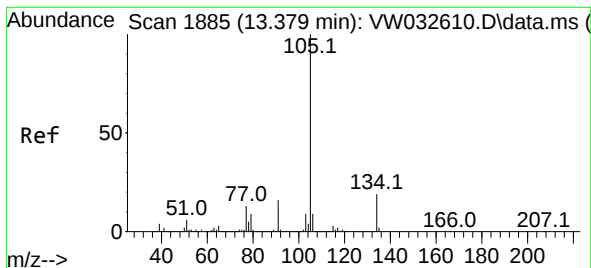
Tgt Ion:119 Resp: 765387
 Ion Ratio Lower Upper
 119 100
 91 68.9 34.3 102.8
 134 24.1 12.6 37.8



#84
 1,2,4-Trimethylbenzene
 Concen: 52.394 ug/l
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW032641.D
 Acq: 12 Dec 2025 08:26

Tgt Ion:105 Resp: 926597
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.4 67.0

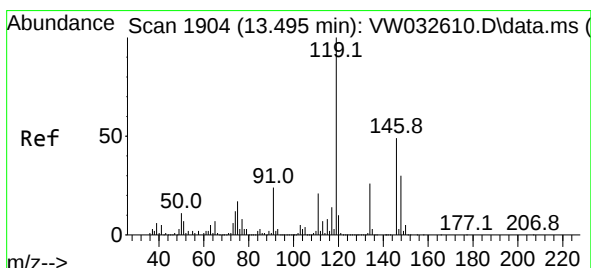
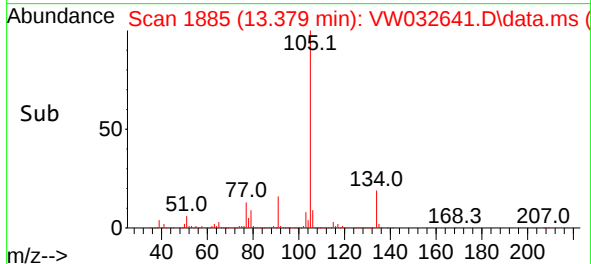
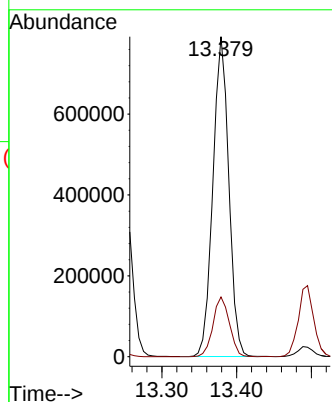
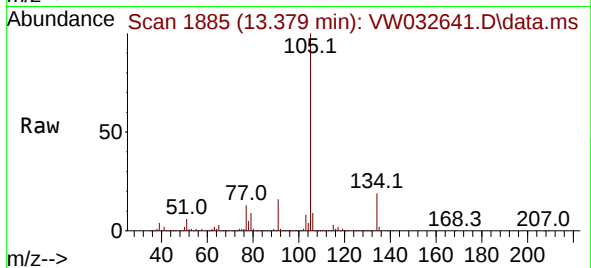




#85
 sec-Butylbenzene
 Concen: 51.050 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VW032641.D
 Acq: 12 Dec 2025 08:26

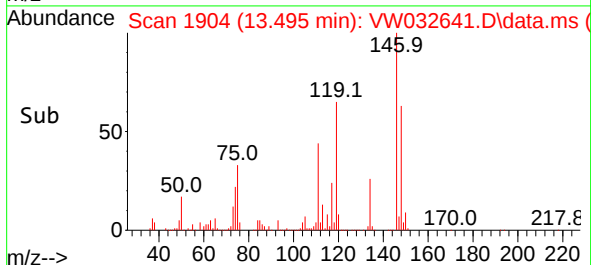
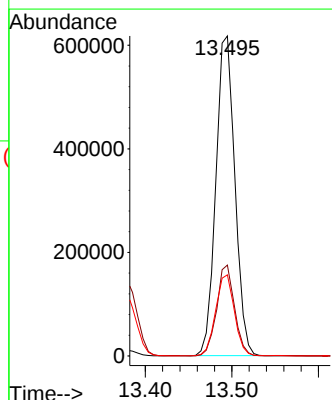
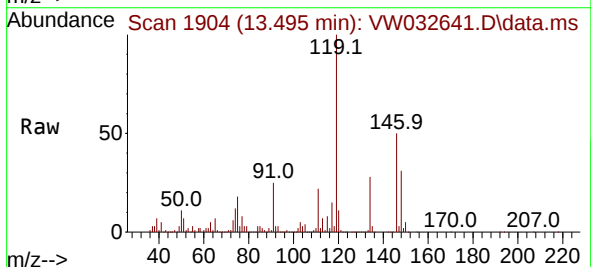
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

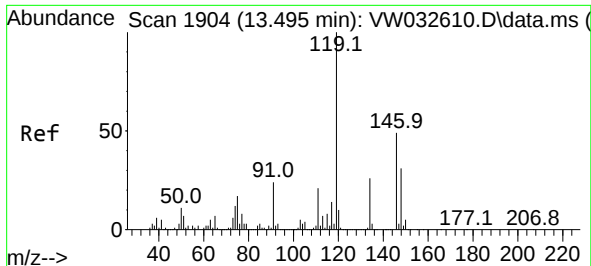
Tgt Ion:105 Resp: 1167610
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 50.597 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW032641.D
 Acq: 12 Dec 2025 08:26

Tgt Ion:119 Resp: 941250
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.0 39.0
 91 25.0 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 51.864 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW032641.D

Acq: 12 Dec 2025 08:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

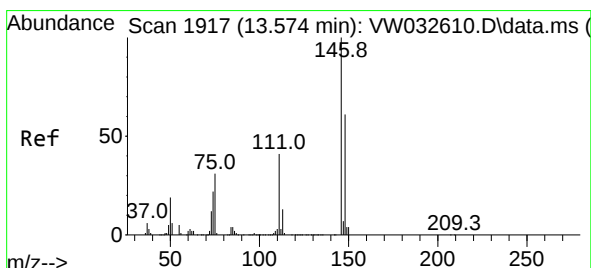
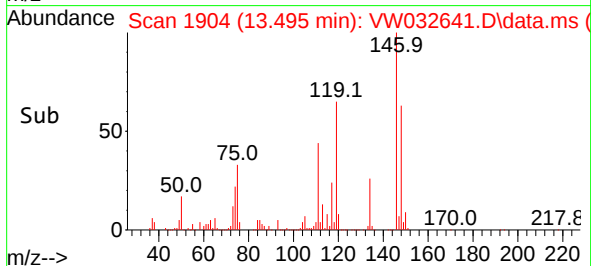
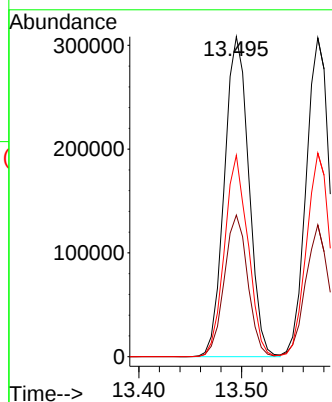
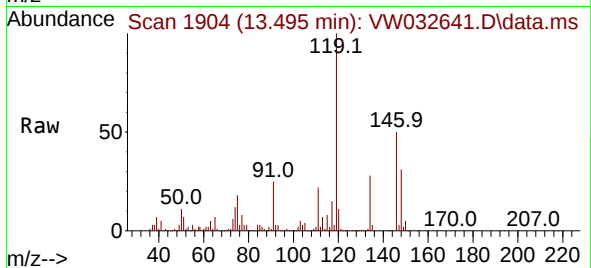
Tgt Ion:146 Resp: 508572

Ion Ratio Lower Upper

146 100

111 42.4 21.6 64.6

148 60.4 31.1 93.3



#88

1,4-Dichlorobenzene

Concen: 50.269 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032641.D

Acq: 12 Dec 2025 08:26

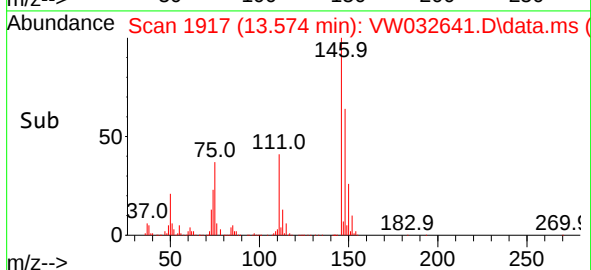
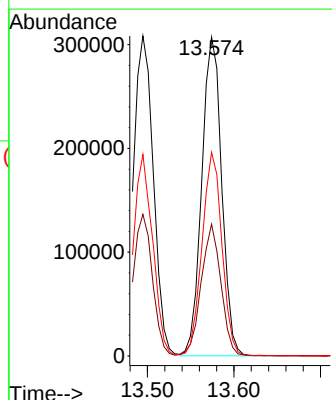
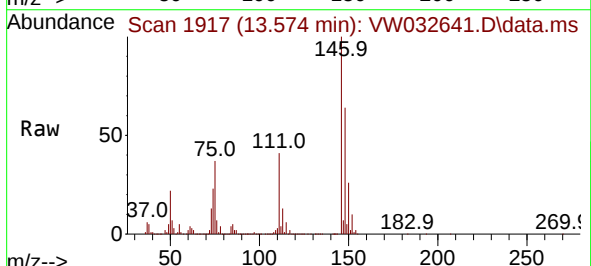
Tgt Ion:146 Resp: 490855

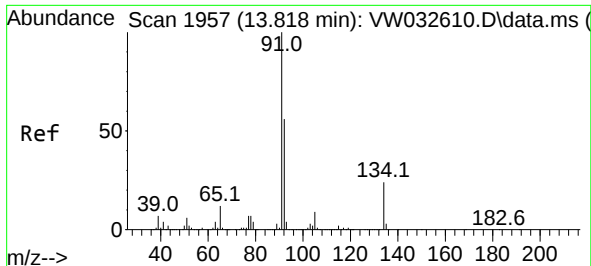
Ion Ratio Lower Upper

146 100

111 40.8 20.9 62.8

148 63.7 30.4 91.2

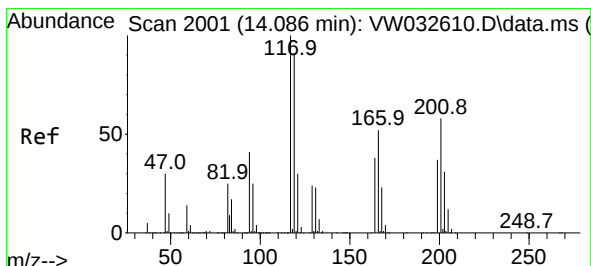
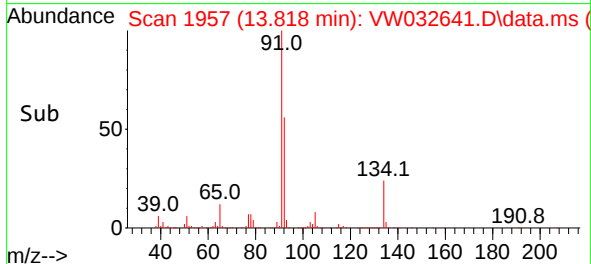
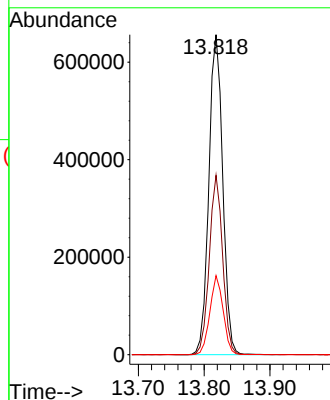
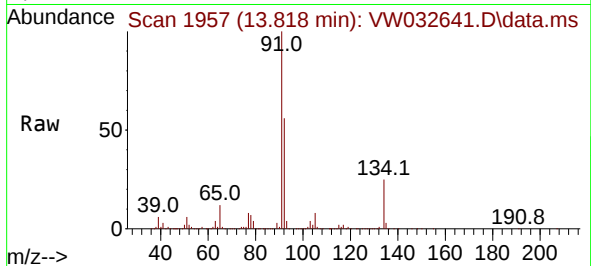




#89
n-Butylbenzene
Concen: 51.536 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

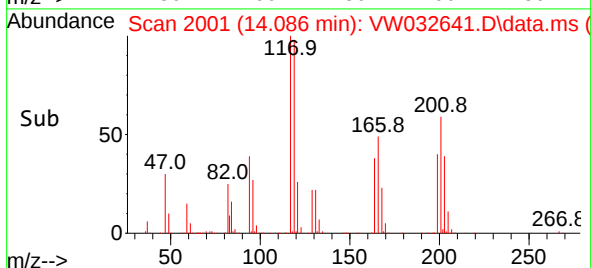
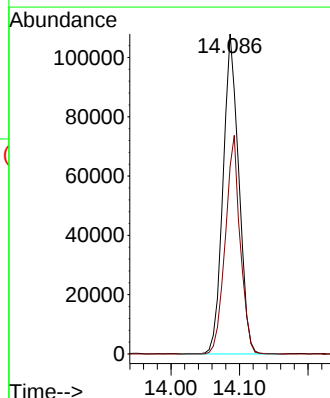
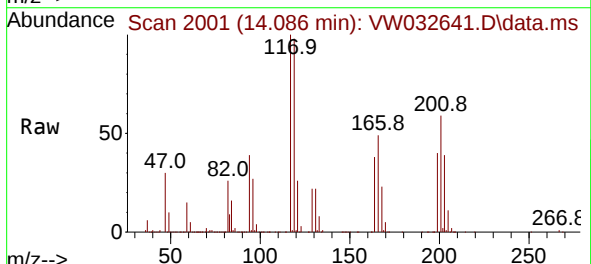
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

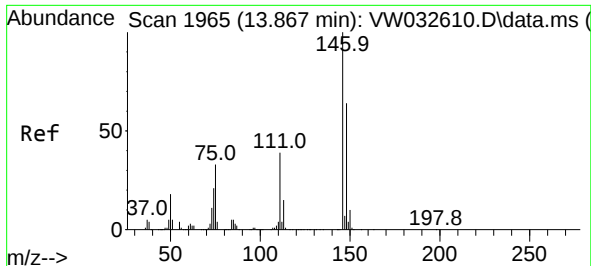
Tgt Ion: 91 Resp: 963216
Ion Ratio Lower Upper
91 100
92 54.1 27.4 82.0
134 23.7 11.8 35.4



#90
Hexachloroethane
Concen: 49.378 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

Tgt Ion: 117 Resp: 171568
Ion Ratio Lower Upper
117 100
201 64.6 30.4 91.2

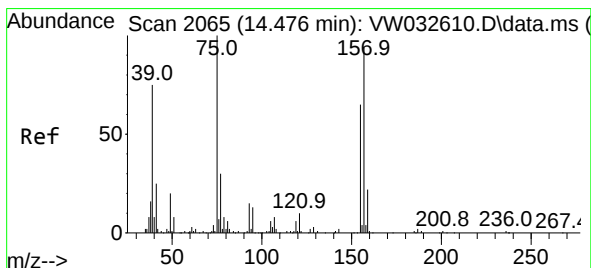
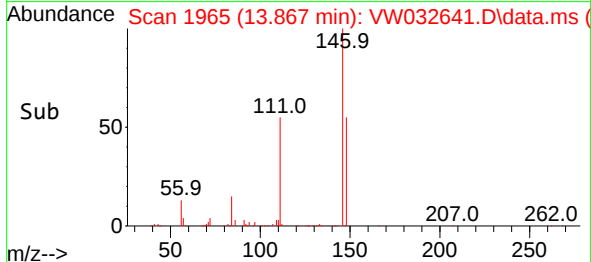
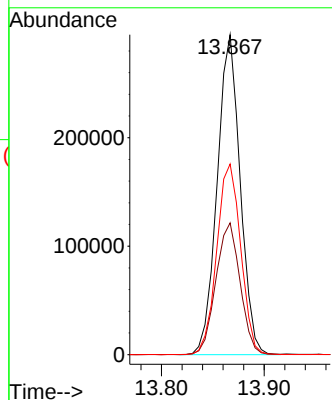
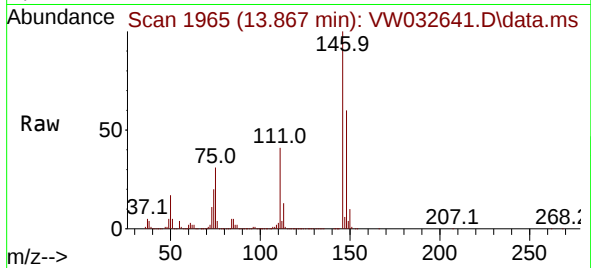




#91
1,2-Dichlorobenzene
Concen: 51.686 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

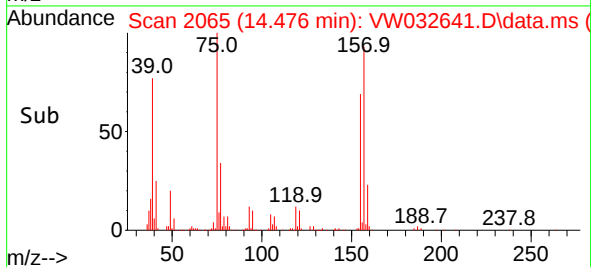
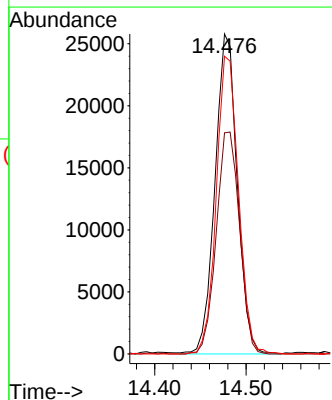
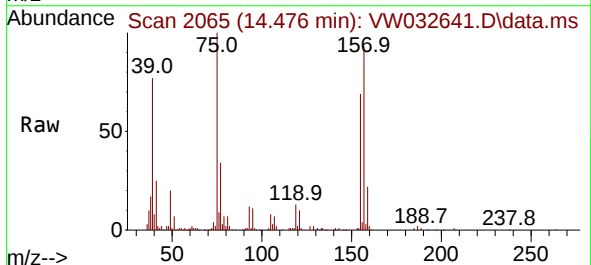
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

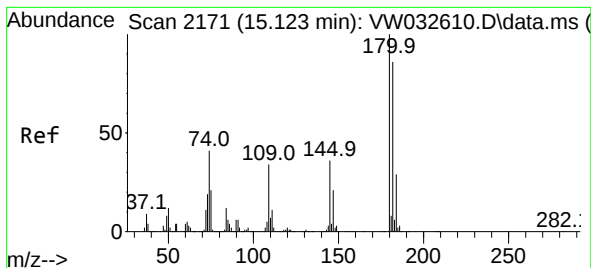
Tgt Ion:146 Resp: 457476
Ion Ratio Lower Upper
146 100
111 43.4 21.5 64.5
148 62.1 32.4 97.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.829 ug/l
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

Tgt Ion: 75 Resp: 43590
Ion Ratio Lower Upper
75 100
155 72.7 35.3 105.9
157 92.9 44.8 134.4





#93

1,2,4-Trichlorobenzene

Concen: 52.604 ug/l

RT: 15.129 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW032641.D

Acq: 12 Dec 2025 08:26

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

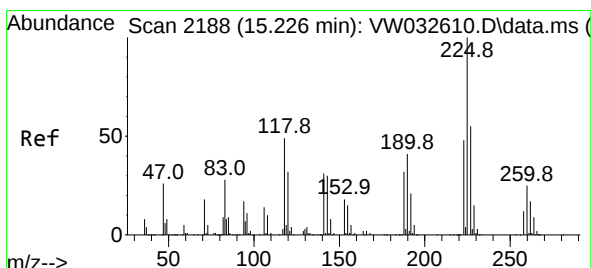
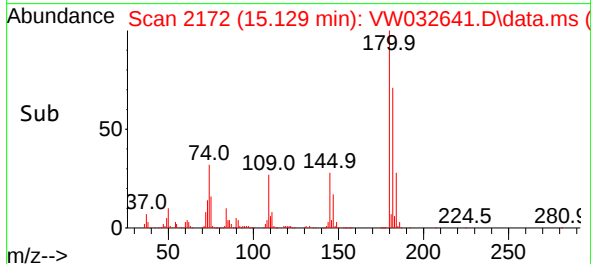
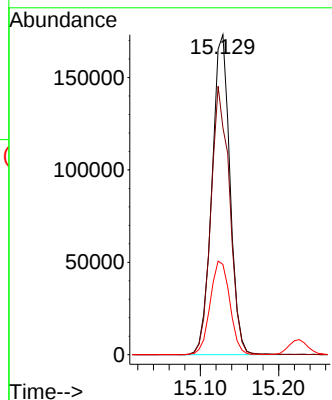
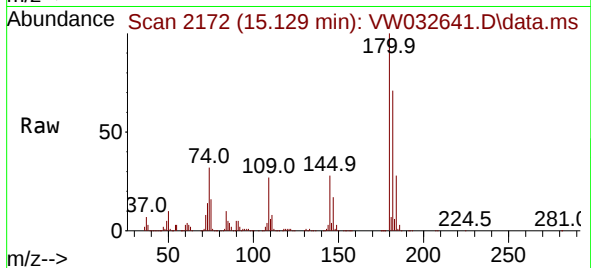
Tgt Ion:180 Resp: 276539

Ion Ratio Lower Upper

180 100

182 86.9 46.9 140.6

145 31.9 17.1 51.3



#94

Hexachlorobutadiene

Concen: 49.795 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW032641.D

Acq: 12 Dec 2025 08:26

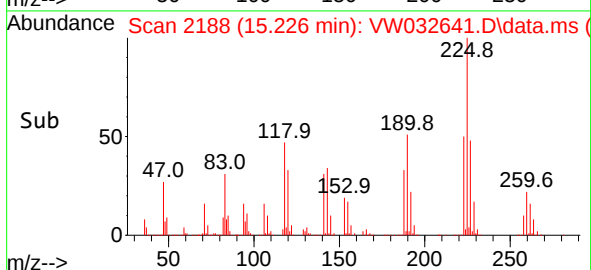
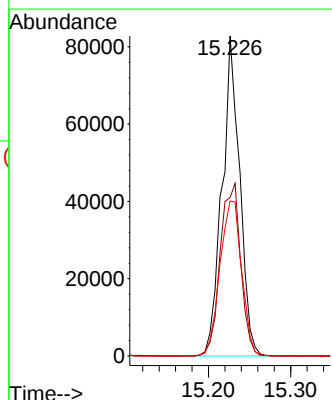
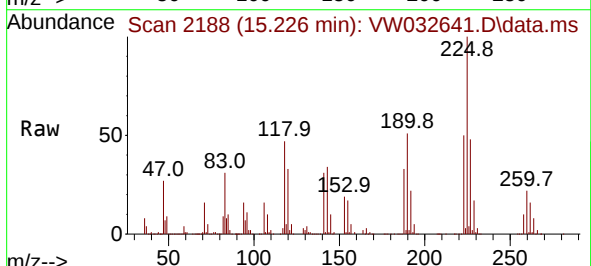
Tgt Ion:225 Resp: 123742

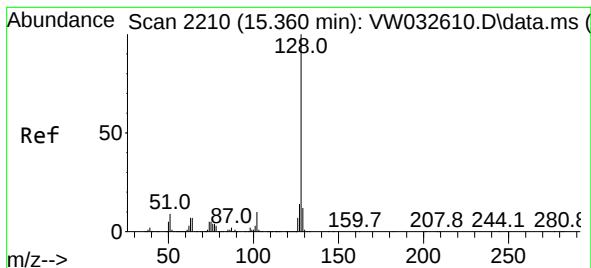
Ion Ratio Lower Upper

225 100

223 62.2 30.3 90.8

227 59.2 29.1 87.4

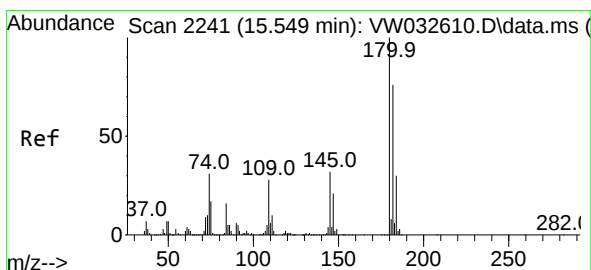
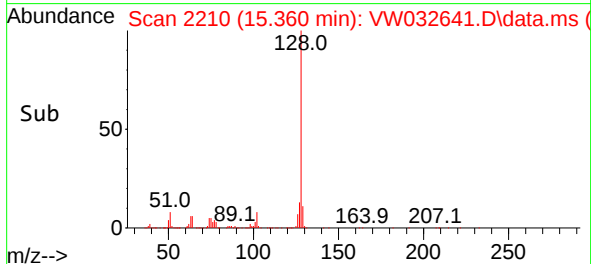
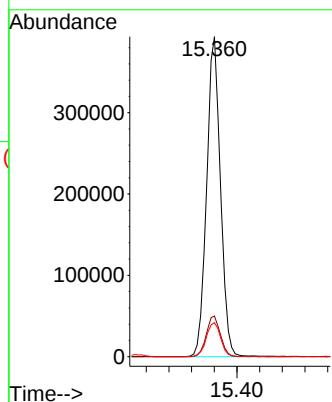
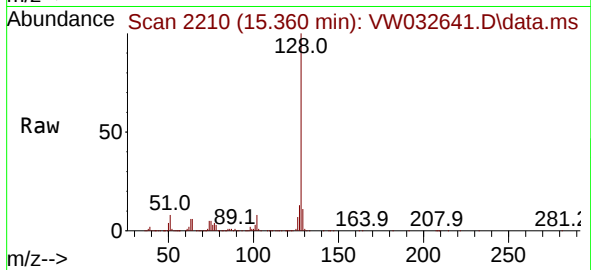




#95
Naphthalene
Concen: 59.961 ug/l
RT: 15.360 min Scan# 211
Delta R.T. 0.000 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 664935
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.1 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 49.942 ug/l
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW032641.D
Acq: 12 Dec 2025 08:26

Tgt Ion:180 Resp: 248174
Ion Ratio Lower Upper
180 100
182 96.1 45.9 137.6
145 34.5 17.0 51.0

