

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091525\
 Data File : VW032177.D
 Acq On : 15 Sep 2025 16:32
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 16 06:38:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 04:13:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	223580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	375253	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	346022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	173668	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	151057	47.242	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	94.480%
35) Dibromofluoromethane	7.904	113	127724	48.514	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	97.020%
50) Toluene-d8	10.331	98	452126	48.919	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	97.840%
62) 4-Bromofluorobenzene	12.617	95	167476	49.004	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	98.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	63266	42.859	ug/l	94
3) Chloromethane	2.259	50	62755	40.547	ug/l	99
4) Vinyl Chloride	2.405	62	88737	44.143	ug/l	98
5) Bromomethane	2.826	94	74731	41.630	ug/l	90
6) Chloroethane	2.972	64	63450	44.820	ug/l	98
7) Trichlorofluoromethane	3.308	101	88805	44.586	ug/l	89
8) Diethyl Ether	3.722	74	64994	43.727	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.106	101	99077	44.157	ug/l	99
10) Methyl Iodide	4.307	142	157653	46.145	ug/l	98
11) Tert butyl alcohol	5.222	59	44580	227.935	ug/l	100
12) 1,1-Dichloroethene	4.082	96	107278	45.400	ug/l	98
13) Acrolein	3.936	56	18760	62.400	ug/l	94
14) Allyl chloride	4.710	41	158424	47.200	ug/l	99
15) Acrylonitrile	5.405	53	172807	239.128	ug/l	100
16) Acetone	4.161	43	164456	237.487	ug/l	98
17) Carbon Disulfide	4.429	76	261300	44.213	ug/l	98
18) Methyl Acetate	4.710	43	122908	55.706	ug/l	99
19) Methyl tert-butyl Ether	5.466	73	222566	49.879	ug/l	99
20) Methylene Chloride	4.960	84	133101	46.603	ug/l	96
21) trans-1,2-Dichloroethene	5.460	96	122233	46.306	ug/l	88
22) Diisopropyl ether	6.344	45	358495	49.074	ug/l	98
23) Vinyl Acetate	6.289	43	1174627	236.500	ug/l	99
24) 1,1-Dichloroethane	6.246	63	224498	46.942	ug/l	100
25) 2-Butanone	7.191	43	239338	243.906	ug/l	99
26) 2,2-Dichloropropane	7.191	77	123372	48.713	ug/l	99
27) cis-1,2-Dichloroethene	7.197	96	150432	46.833	ug/l	99
28) Bromochloromethane	7.532	49	103707	47.371	ug/l	99
29) Tetrahydrofuran	7.551	42	151071	242.271	ug/l	99
30) Chloroform	7.697	83	259615	47.546	ug/l	99
31) Cyclohexane	7.971	56	172882	44.043	ug/l	98
32) 1,1,1-Trichloroethane	7.886	97	186389	46.761	ug/l	99
36) 1,1-Dichloropropene	8.099	75	160516	47.023	ug/l	99
37) Ethyl Acetate	7.276	43	98319	48.013	ug/l	99
38) Carbon Tetrachloride	8.087	117	176009	48.098	ug/l	97
39) Methylcyclohexane	9.343	83	193832	47.940	ug/l	95
40) Benzene	8.337	78	504184	47.782	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	59483	52.283	ug/l	93
42) 1,2-Dichloroethane	8.416	62	177940	48.645	ug/l	100
43) Isopropyl Acetate	8.435	43	190328	49.543	ug/l	99
44) Trichloroethene	9.105	130	127600	48.086	ug/l	90
45) 1,2-Dichloropropane	9.380	63	124190	48.824	ug/l	98
46) Dibromomethane	9.465	93	86429	48.444	ug/l	98
47) Bromodichloromethane	9.654	83	197378	48.683	ug/l	96
48) Methyl methacrylate	9.447	41	90196	50.947	ug/l	99
49) 1,4-Dioxane	9.465	88	22713	1053.678	ug/l	96
51) 4-Methyl-2-Pentanone	10.215	43	549359	253.256	ug/l	100
52) Toluene	10.392	92	329434	47.777	ug/l	100
53) t-1,3-Dichloropropene	10.611	75	179382	50.154	ug/l	100
54) cis-1,3-Dichloropropene	10.075	75	199952	48.996	ug/l	100
55) 1,1,2-Trichloroethane	10.788	97	113319	48.845	ug/l	95
56) Ethyl methacrylate	10.648	69	151599	51.112	ug/l	99
57) 1,3-Dichloropropane	10.934	76	187782	48.340	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	422828	267.086	ug/l	99
59) 2-Hexanone	10.971	43	388788	257.712	ug/l	98
60) Dibromochloromethane	11.129	129	134814	48.023	ug/l	95
61) 1,2-Dibromoethane	11.239	107	110856	48.590	ug/l	100
64) Tetrachloroethene	10.867	164	109198	47.949	ug/l	87
65) Chlorobenzene	11.660	112	376692	47.828	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.733	131	128079	49.394	ug/l	99
67) Ethyl Benzene	11.733	91	623471	48.315	ug/l	94
68) m/p-Xylenes	11.837	106	496235	99.919	ug/l	98
69) o-Xylene	12.166	106	234827	49.988	ug/l	98
70) Styrene	12.178	104	413569	49.942	ug/l	99
71) Bromoform	12.349	173	78087	50.704	ug/l	99
73) Isopropylbenzene	12.464	105	594362	50.376	ug/l	99
74) N-amyl acetate	12.269	43	174121	50.832	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	140463	50.095	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	175083	80.472	ug/l	41
77) Bromobenzene	12.745	156	151075	50.213	ug/l	98
78) n-propylbenzene	12.800	91	720089	50.271	ug/l	98
79) 2-Chlorotoluene	12.891	91	440362	50.274	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	506349	50.689	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.513	75	42228	52.257	ug/l	99
82) 4-Chlorotoluene	12.983	91	461400	49.210	ug/l	98
83) tert-Butylbenzene	13.202	119	436328	51.516	ug/l	97
84) 1,2,4-Trimethylbenzene	13.251	105	527587	51.050	ug/l	99
85) sec-Butylbenzene	13.379	105	647538	51.206	ug/l	99
86) p-Isopropyltoluene	13.495	119	532674	49.532	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	308311	50.894	ug/l	98
88) 1,4-Dichlorobenzene	13.574	146	296489	48.828	ug/l	96
89) n-Butylbenzene	13.818	91	531257	51.816	ug/l	97
90) Hexachloroethane	14.086	117	99039	50.348	ug/l	96
91) 1,2-Dichlorobenzene	13.867	146	274998	51.272	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.482	75	25450	51.378	ug/l	94
93) 1,2,4-Trichlorobenzene	15.129	180	175707	51.275	ug/l	96
94) Hexachlorobutadiene	15.226	225	83572	49.174	ug/l	99
95) Naphthalene	15.360	128	400925	51.697	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	158088	49.606	ug/l	97

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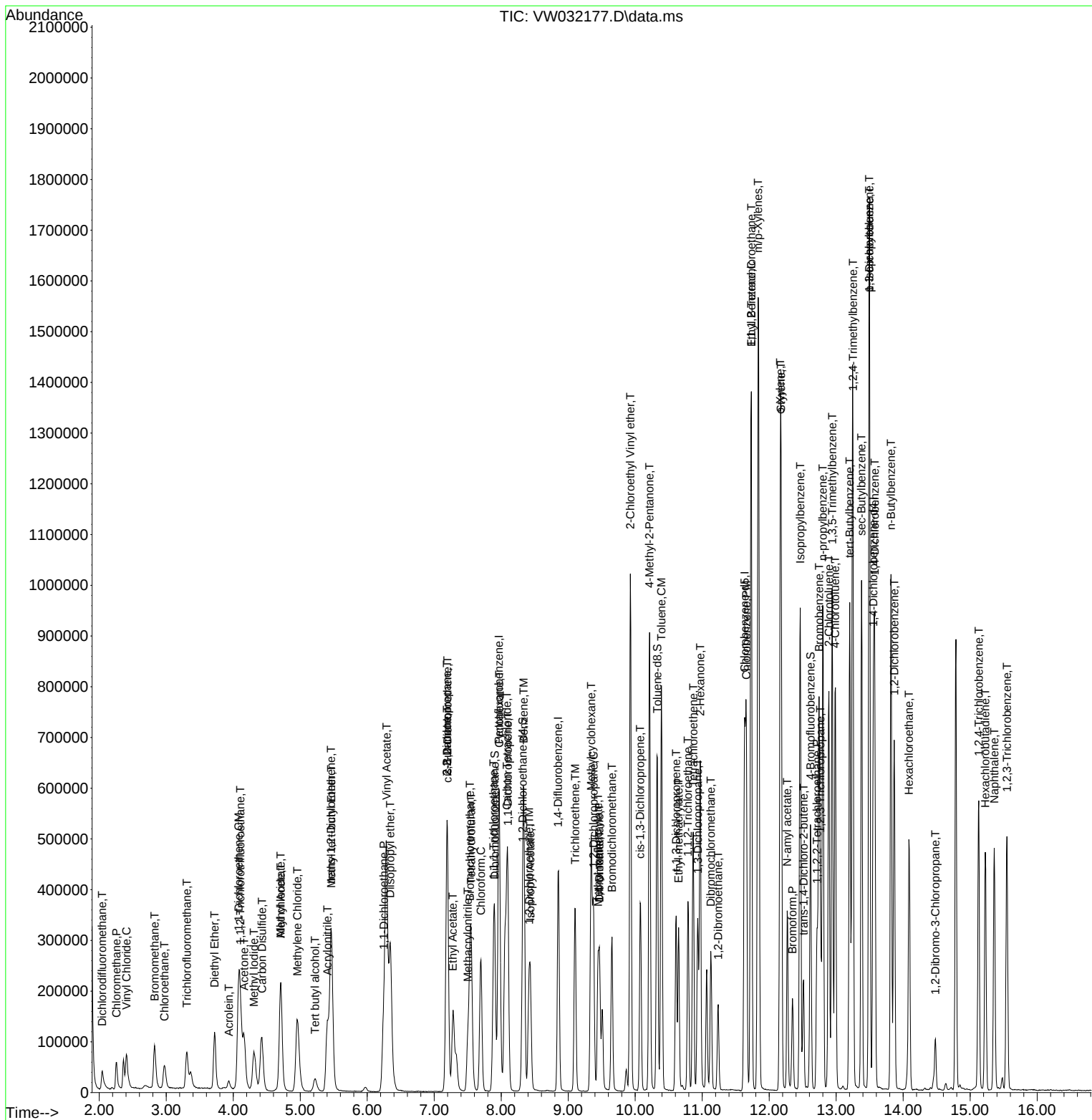
Instrument :
MSVOA_W
ClientSampleId :

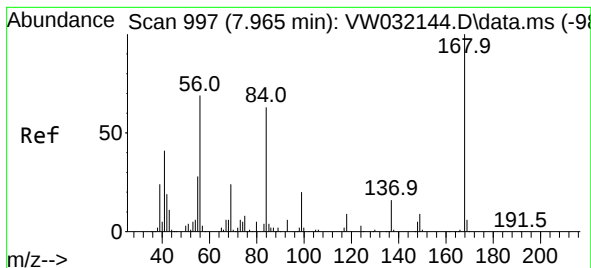
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.965 min Scan# 99

Delta R.T. 0.000 min

Lab File: VW032177.D

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Instrument :

MSVOA_W

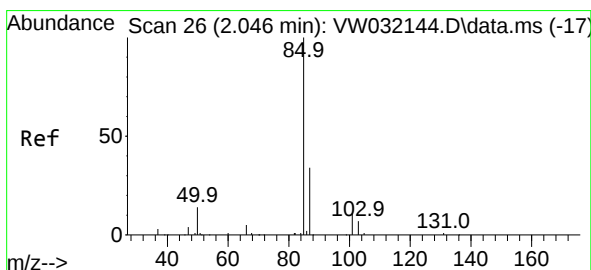
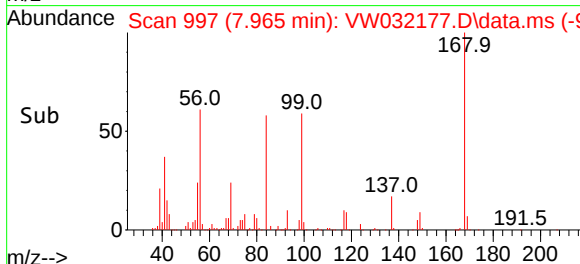
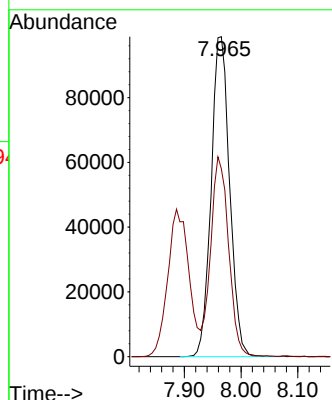
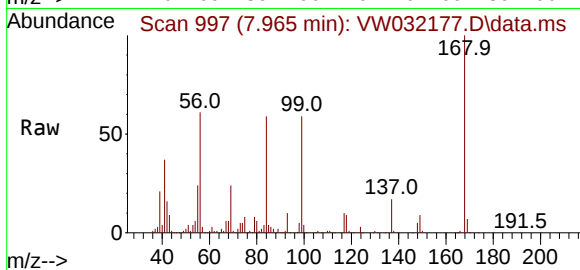
ClientSampleId :

Tgt Ion:168 Resp: 223580

Ion Ratio Lower Upper

168 100

99 58.6 49.3 73.9



#2

Dichlorodifluoromethane

Concen: 42.859 ug/l

RT: 2.046 min Scan# 26

Delta R.T. -0.000 min

Lab File: VW032177.D

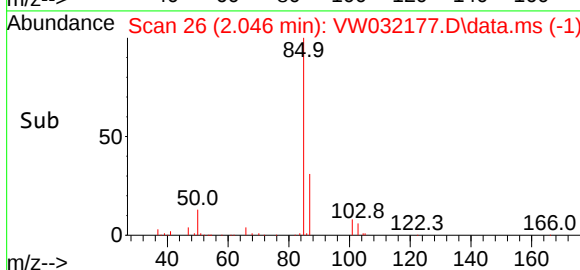
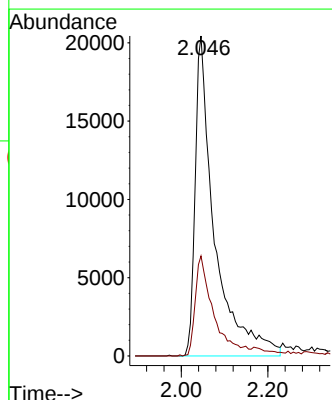
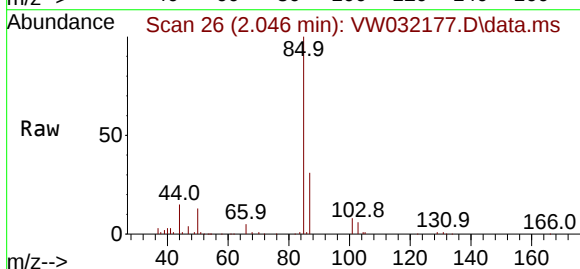
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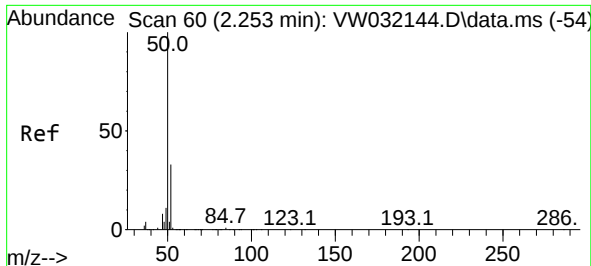
Tgt Ion: 85 Resp: 63266

Ion Ratio Lower Upper

85 100

87 30.9 17.2 51.6

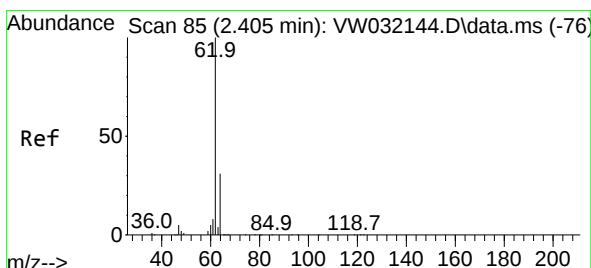
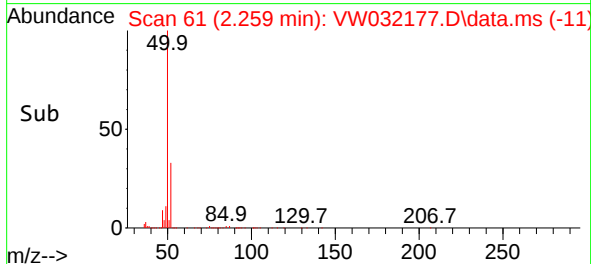
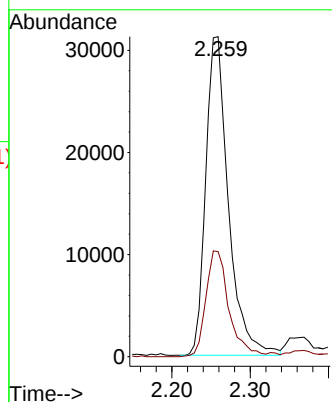
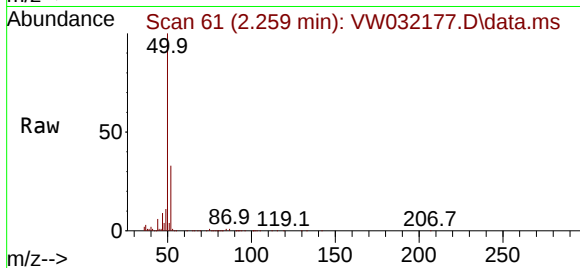




#3
Chloromethane
Concen: 40.547 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

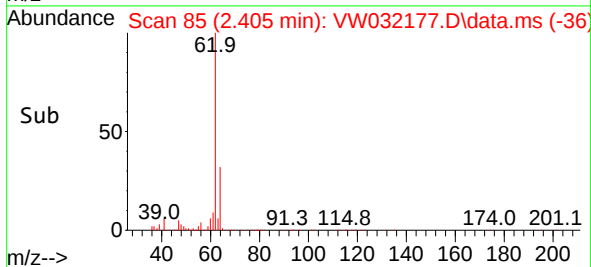
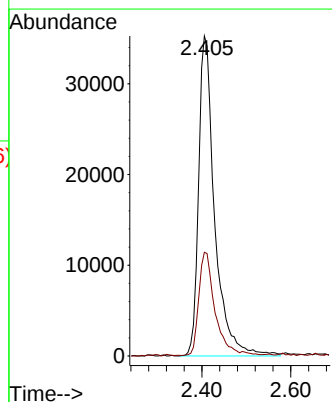
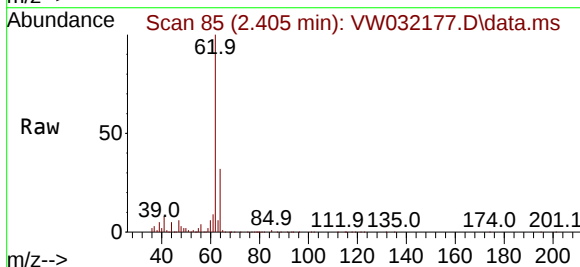
Instrument :
MSVOA_W
ClientSampleId :

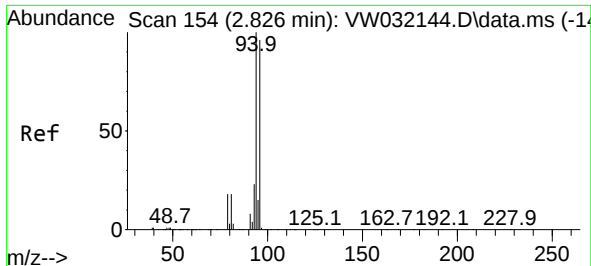
Tgt Ion: 50 Resp: 62755
Ion Ratio Lower Upper
50 100
52 33.0 26.1 39.1



#4
Vinyl Chloride
Concen: 44.143 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

Tgt Ion: 62 Resp: 88737
Ion Ratio Lower Upper
62 100
64 32.2 24.8 37.2

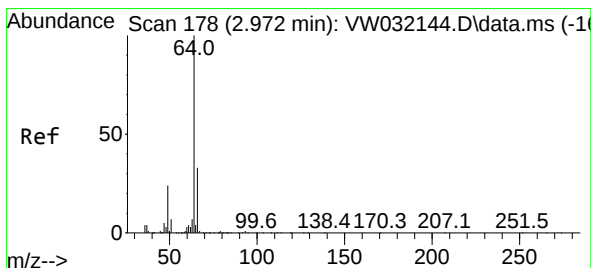
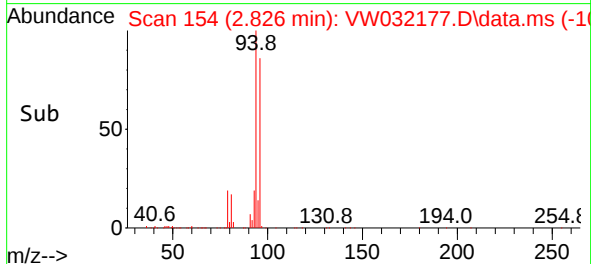
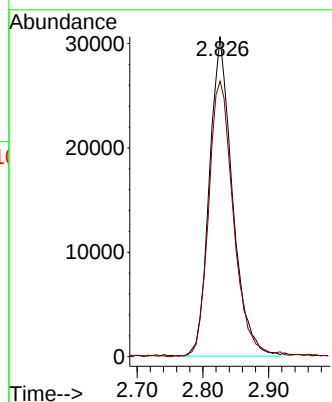
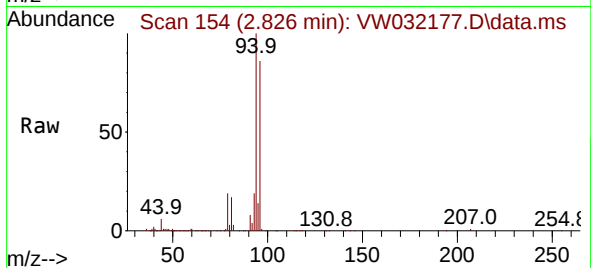




#5
Bromomethane
Concen: 41.630 ug/l
RT: 2.826 min Scan# 154
Delta R.T. -0.000 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

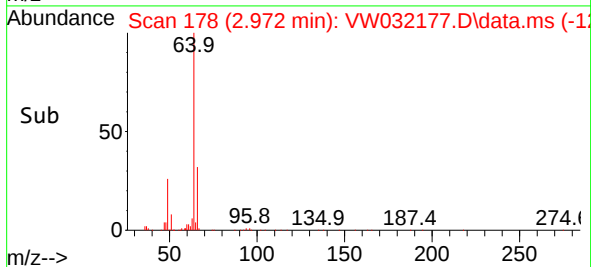
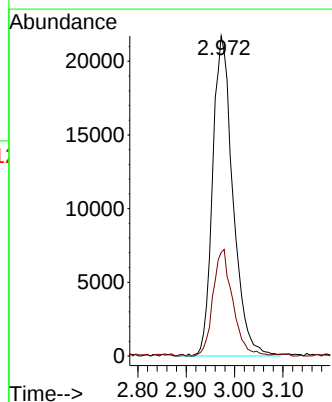
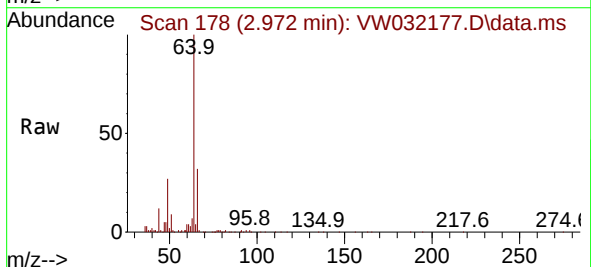
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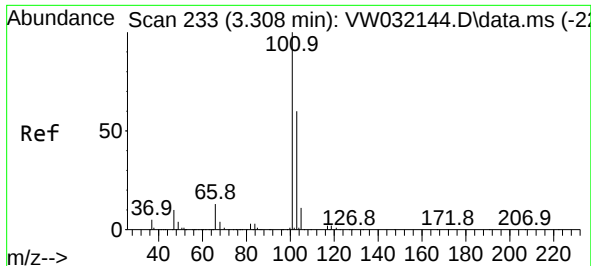
Tgt Ion: 94 Resp: 74731
Ion Ratio Lower Upper
94 100
96 85.8 76.6 115.0



#6
Chloroethane
Concen: 44.820 ug/l
RT: 2.972 min Scan# 178
Delta R.T. -0.000 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

Tgt Ion: 64 Resp: 63450
Ion Ratio Lower Upper
64 100
66 31.9 26.2 39.4

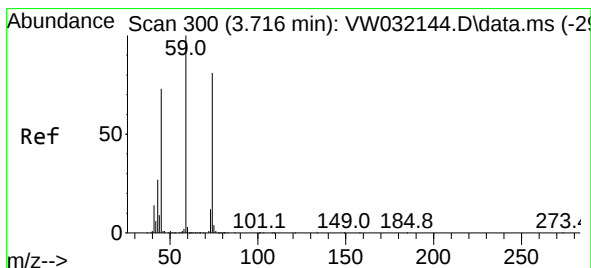
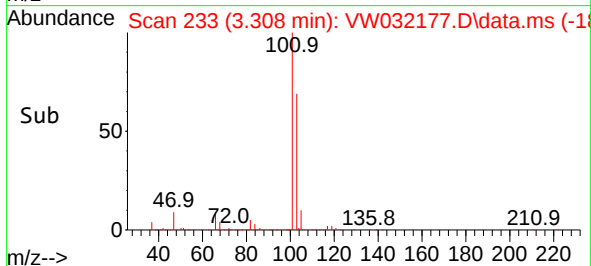
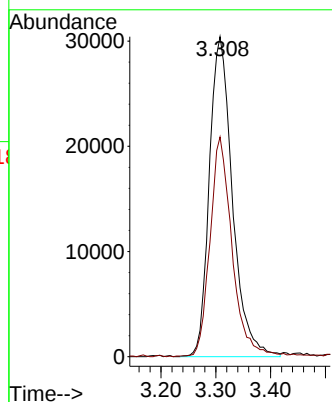
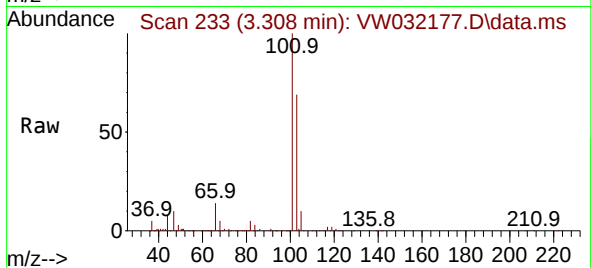




#7
 Trichlorofluoromethane
 Concen: 44.586 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW032177.D
 Acq: 15 Sep 2025 16:32

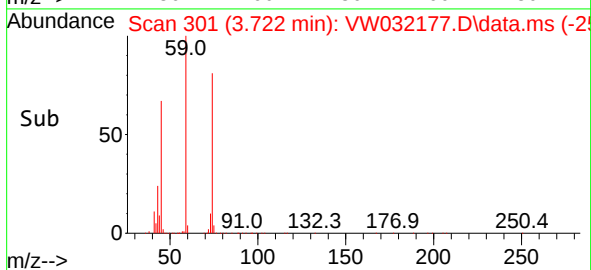
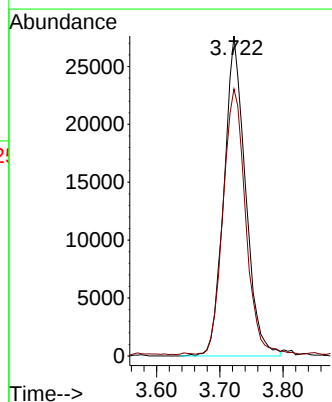
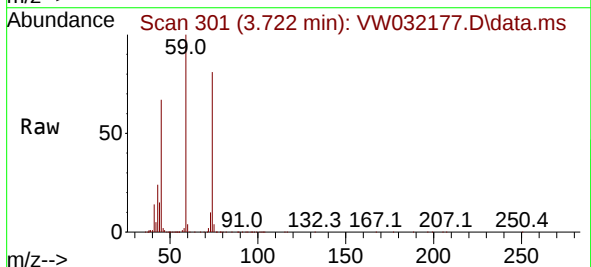
Instrument :
 MSVOA_W
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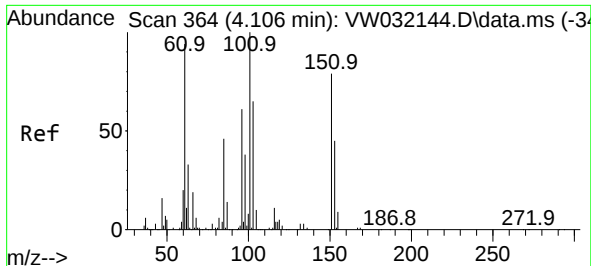
Tgt Ion:101 Resp: 88805
 Ion Ratio Lower Upper
 101 100
 103 68.4 47.8 71.8



#8
 Diethyl Ether
 Concen: 43.727 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.006 min
 Lab File: VW032177.D
 Acq: 15 Sep 2025 16:32

Tgt Ion: 74 Resp: 64994
 Ion Ratio Lower Upper
 74 100
 45 86.8 43.1 129.4

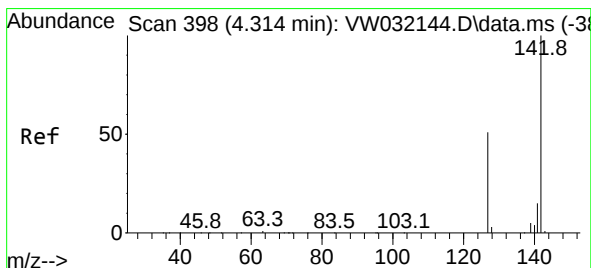
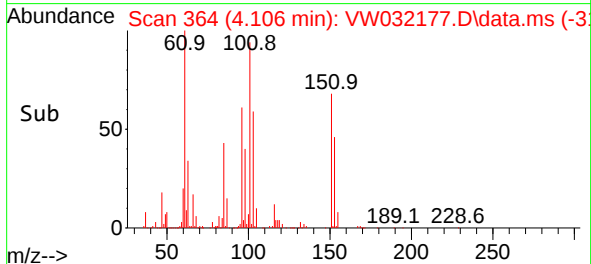
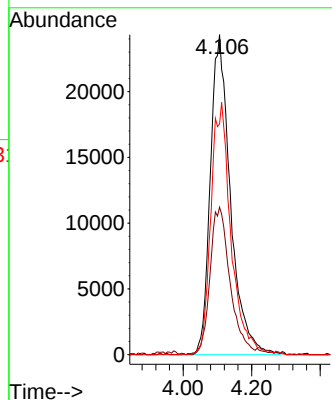
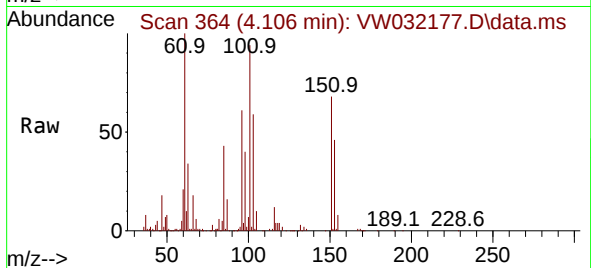




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.157 ug/l
RT: 4.106 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

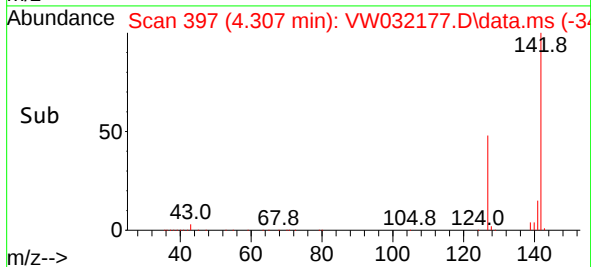
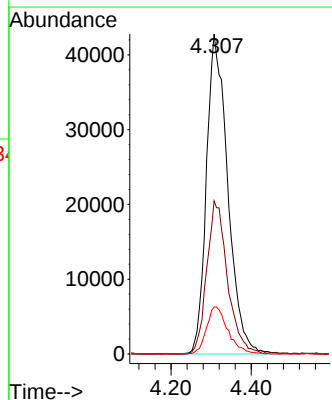
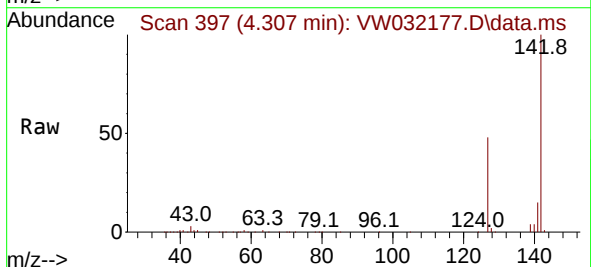
Instrument :
MSVOA_W
ClientSampleId :

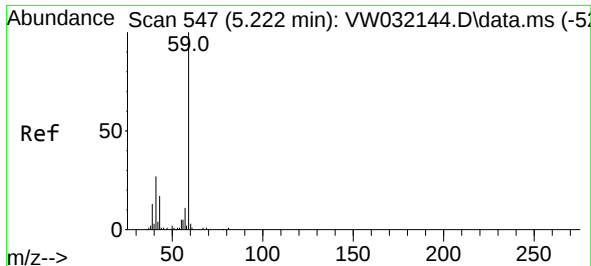
Tgt Ion:101 Resp: 99077
Ion Ratio Lower Upper
101 100
85 45.8 37.1 55.7
151 78.5 61.5 92.3



#10
Methyl Iodide
Concen: 46.145 ug/l
RT: 4.307 min Scan# 397
Delta R.T. -0.006 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

Tgt Ion:142 Resp: 157653
Ion Ratio Lower Upper
142 100
127 46.5 38.2 57.2
141 14.8 12.2 18.2

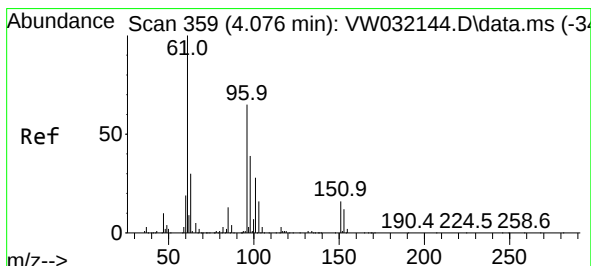
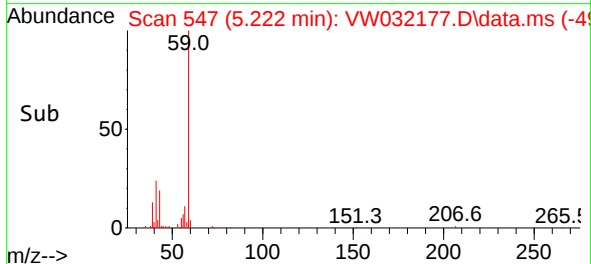
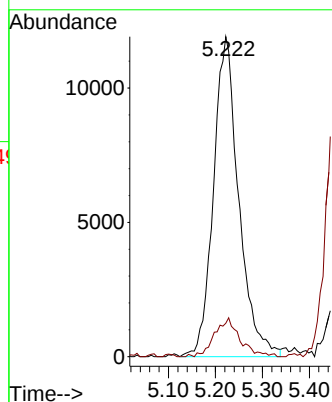
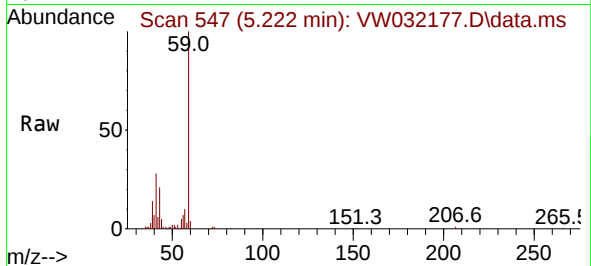




#11
Tert butyl alcohol
Concen: 227.935 ug/l
RT: 5.222 min Scan# 547
Delta R.T. -0.000 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

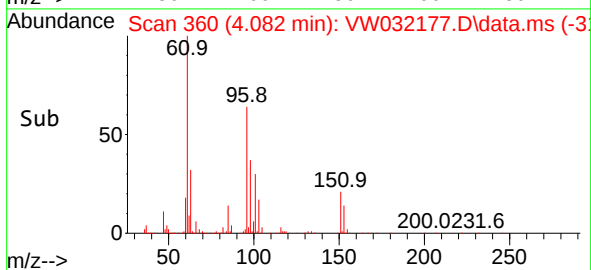
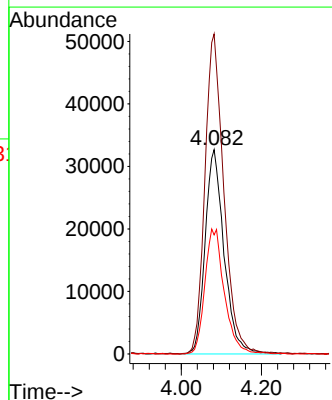
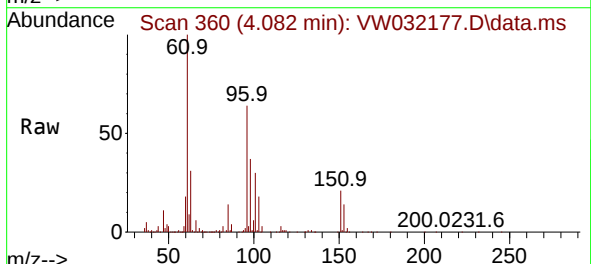
Instrument :
MSVOA_W
ClientSampleId :

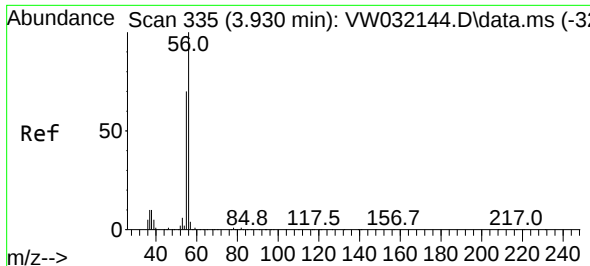
Tgt Ion: 59 Resp: 44580
Ion Ratio Lower Upper
59 100
57 12.2 9.8 14.6



#12
1,1-Dichloroethene
Concen: 45.400 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

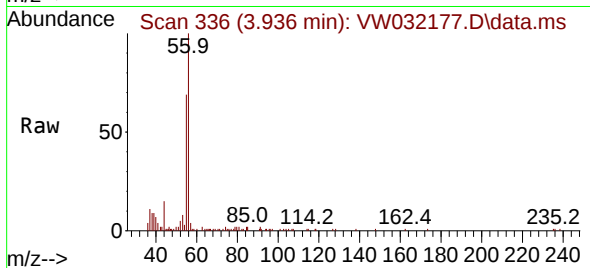
Tgt Ion: 96 Resp: 107278
Ion Ratio Lower Upper
96 100
61 156.6 123.0 184.4
98 58.3 48.5 72.7



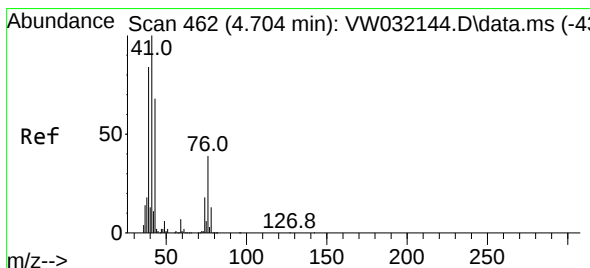
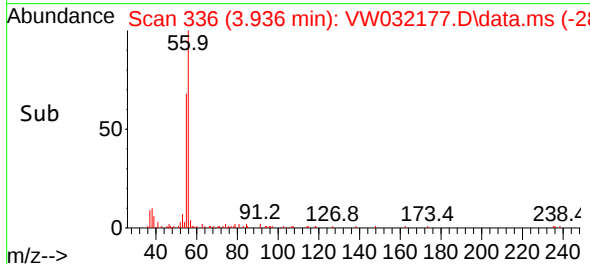
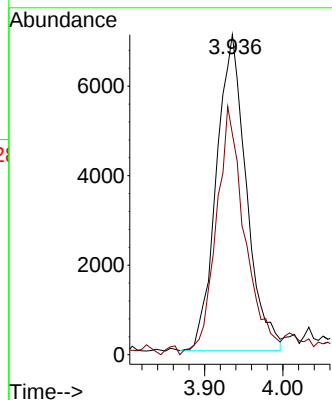


#13
Acrolein
Concen: 62.400 ug/l
RT: 3.936 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

Instrument :
MSVOA_W
ClientSampleId :

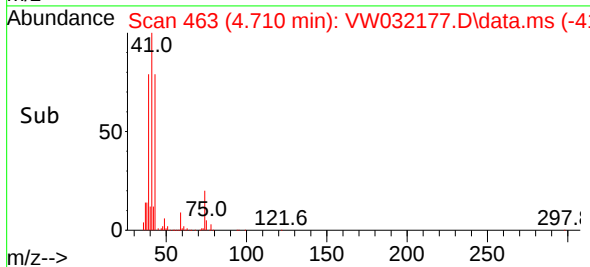
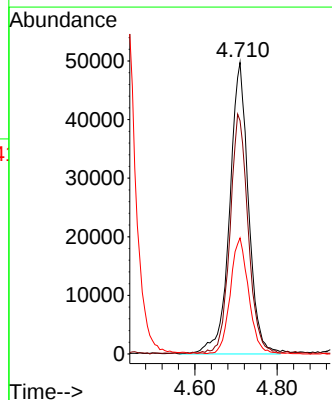
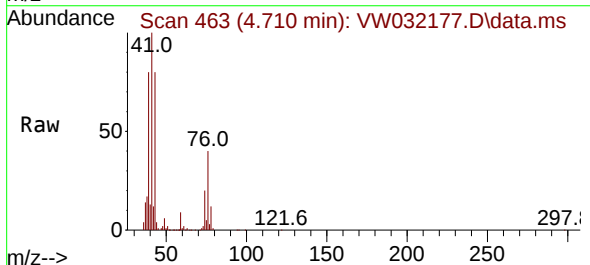


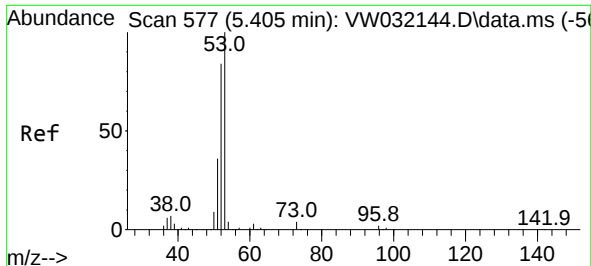
Tgt Ion: 56 Resp: 18760
Ion Ratio Lower Upper
56 100
55 75.4 56.4 84.6



#14
Allyl chloride
Concen: 47.200 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.006 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

Tgt Ion: 41 Resp: 158424
Ion Ratio Lower Upper
41 100
39 78.5 64.1 96.1
76 38.9 31.4 47.2

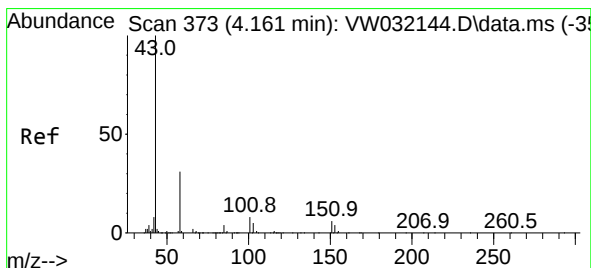
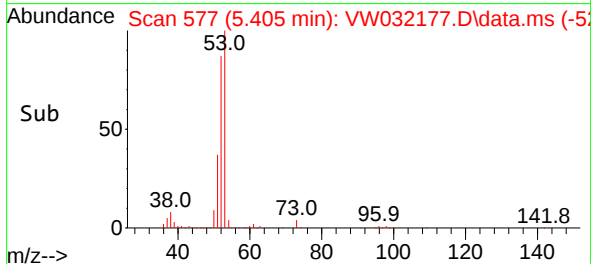
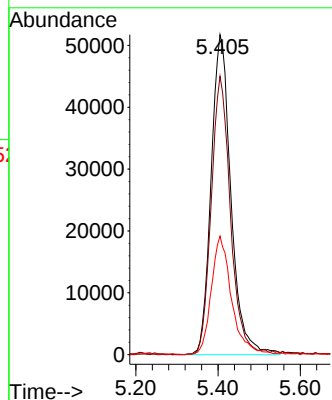
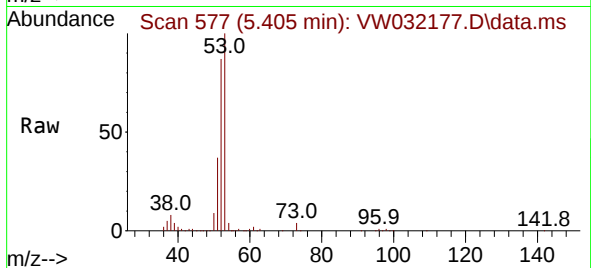




#15
Acrylonitrile
Concen: 239.128 ug/l
RT: 5.405 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

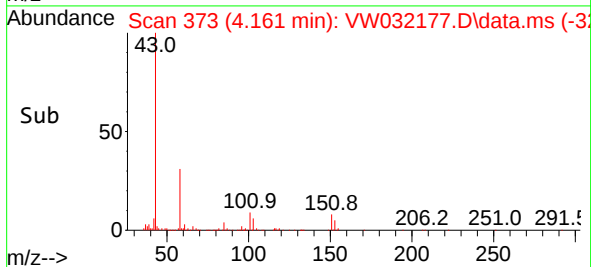
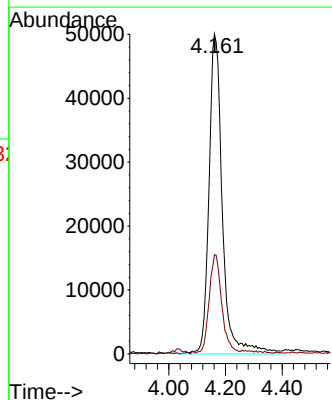
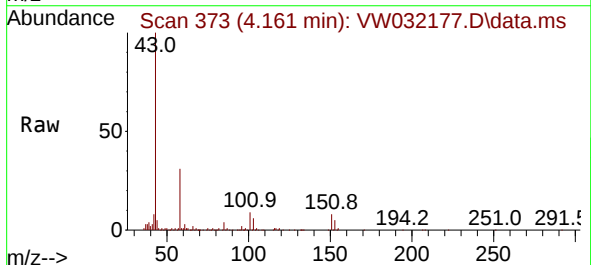
Instrument :
MSVOA_W
ClientSampleId :

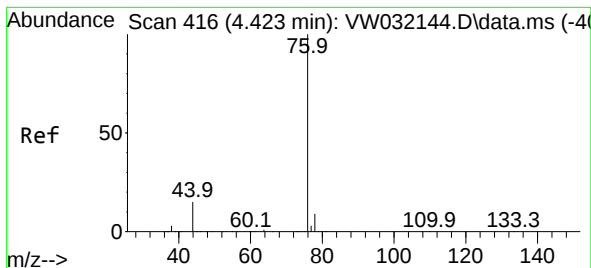
Tgt Ion: 53 Resp: 172807
Ion Ratio Lower Upper
53 100
52 84.0 67.4 101.2
51 38.1 30.3 45.5



#16
Acetone
Concen: 237.487 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

Tgt Ion: 43 Resp: 164456
Ion Ratio Lower Upper
43 100
58 30.4 25.3 37.9





#17

Carbon Disulfide

Concen: 44.213 ug/l

RT: 4.429 min Scan# 416

Delta R.T. 0.006 min

Lab File: VW032177.D

Acq: 15 Sep 2025 16:32

Instrument :

MSVOA_W

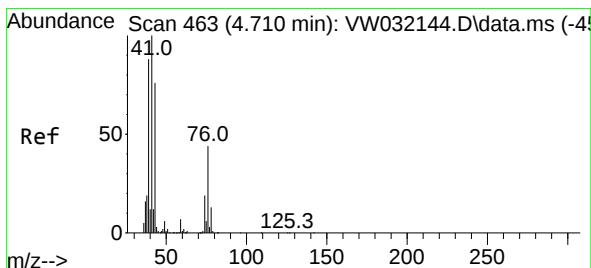
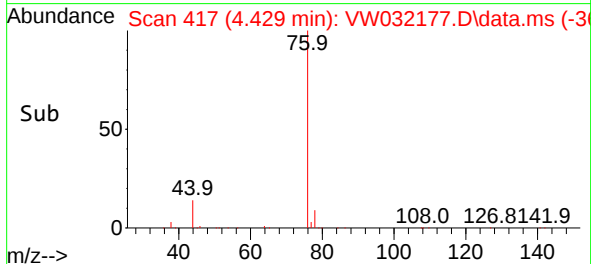
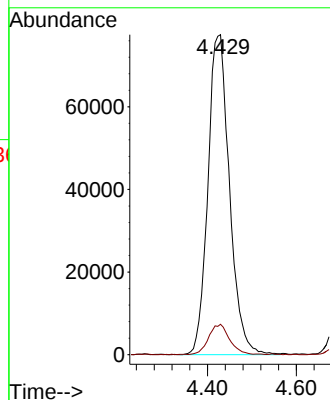
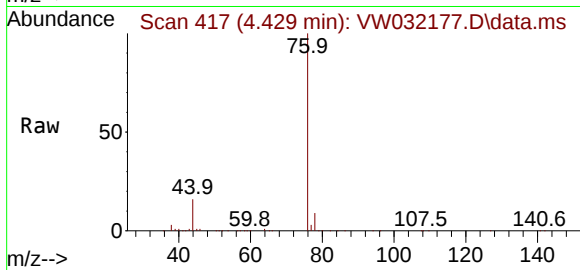
ClientSampleId :

Tgt Ion: 76 Resp: 261300

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.6



#18

Methyl Acetate

Concen: 55.706 ug/l

RT: 4.710 min Scan# 463

Delta R.T. -0.000 min

Lab File: VW032177.D

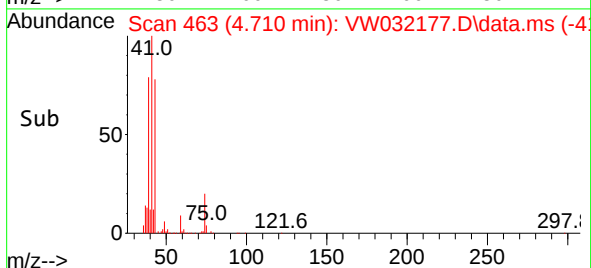
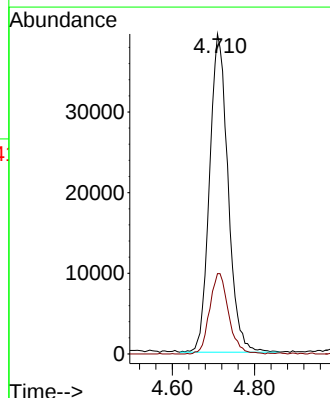
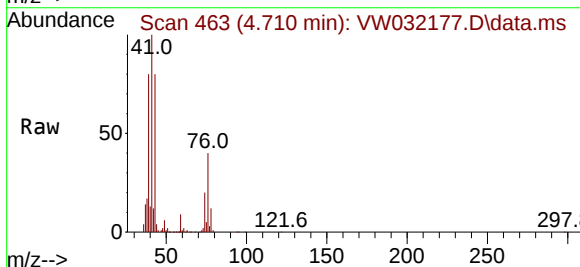
Acq: 15 Sep 2025 16:32

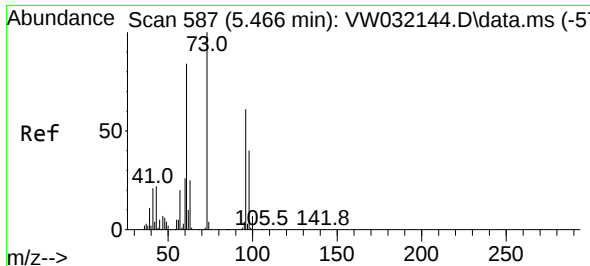
Tgt Ion: 43 Resp: 122908

Ion Ratio Lower Upper

43 100

74 25.9 20.2 30.4

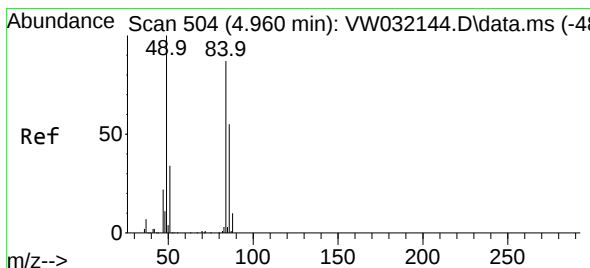
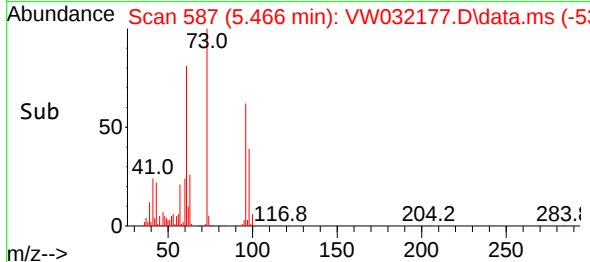
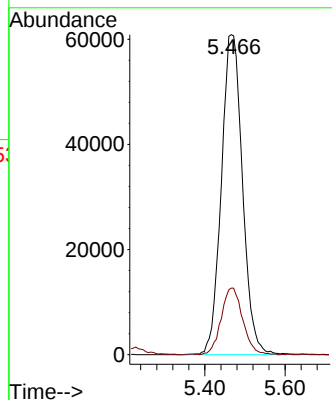
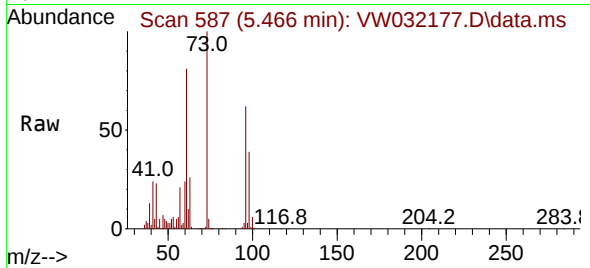




#19
Methyl tert-butyl Ether
Concen: 49.879 ug/l
RT: 5.466 min Scan# 587
Delta R.T. -0.000 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

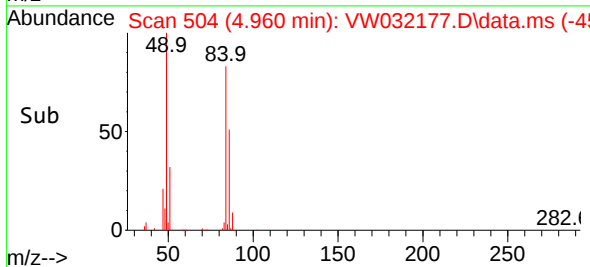
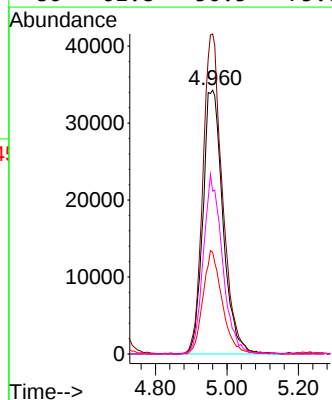
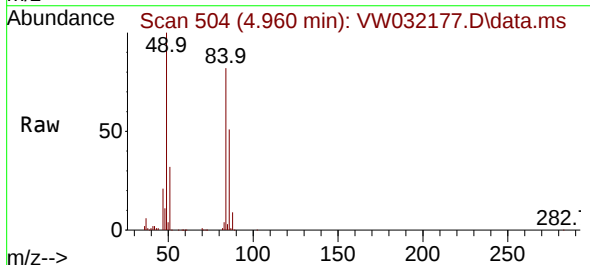
Instrument :
MSVOA_W
ClientSampleId :

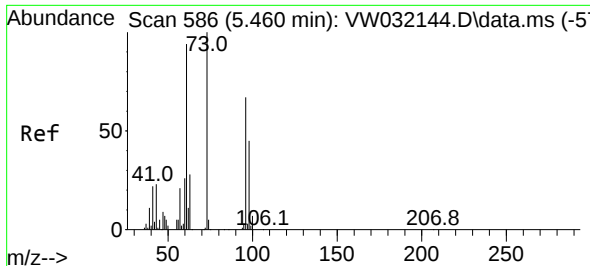
Tgt Ion: 73 Resp: 222566
Ion Ratio Lower Upper
73 100
57 20.8 16.2 24.4



#20
Methylene Chloride
Concen: 46.603 ug/l
RT: 4.960 min Scan# 504
Delta R.T. -0.000 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

Tgt Ion: 84 Resp: 133101
Ion Ratio Lower Upper
84 100
49 121.3 92.2 138.4
51 38.5 31.0 46.6
86 61.8 50.5 75.7

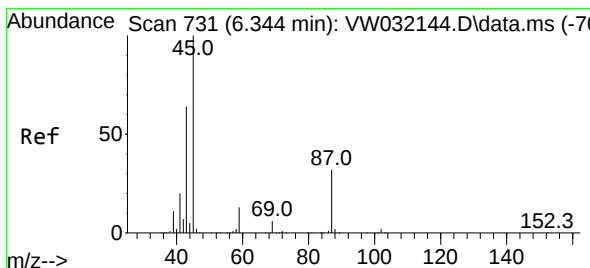
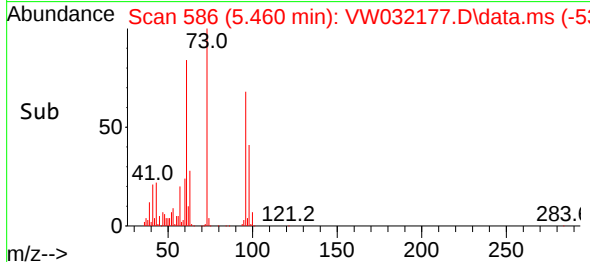
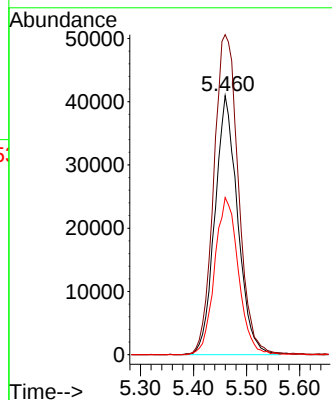
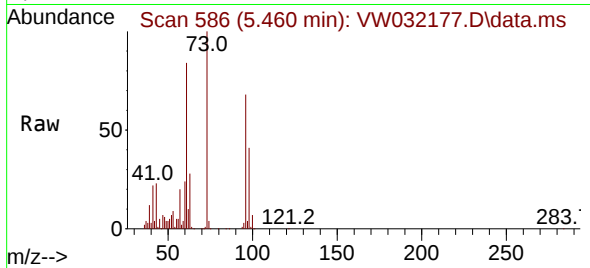




#21
trans-1,2-Dichloroethene
Concen: 46.306 ug/l
RT: 5.460 min Scan# 586
Delta R.T. -0.000 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

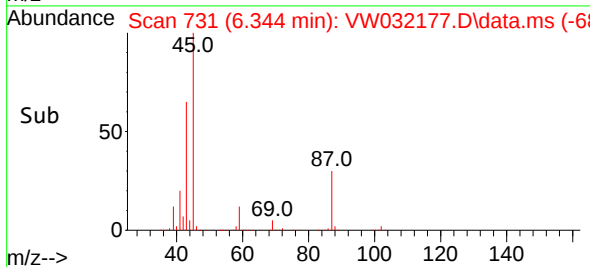
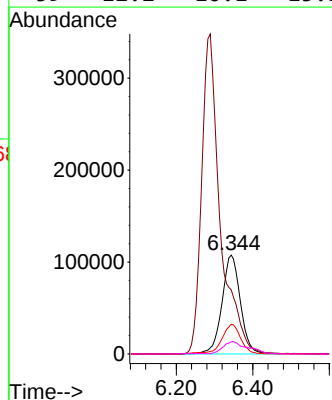
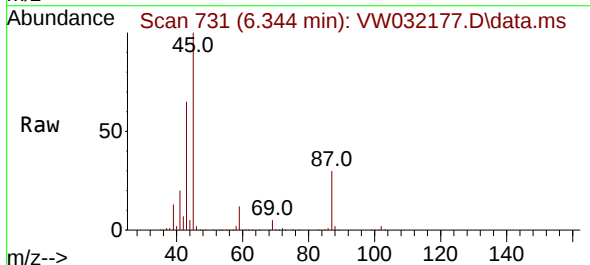
Instrument :
MSVOA_W
ClientSampleId :

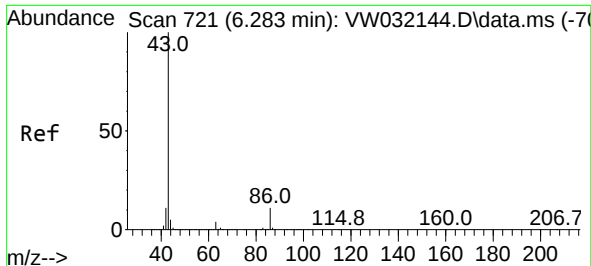
Tgt Ion: 96 Resp: 122233
Ion Ratio Lower Upper
96 100
61 123.5 112.5 168.7
98 60.7 54.2 81.4



#22
Diisopropyl ether
Concen: 49.074 ug/l
RT: 6.344 min Scan# 731
Delta R.T. -0.000 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

Tgt Ion: 45 Resp: 358495
Ion Ratio Lower Upper
45 100
43 64.7 51.4 77.2
87 30.0 25.9 38.9
59 12.2 10.1 15.1

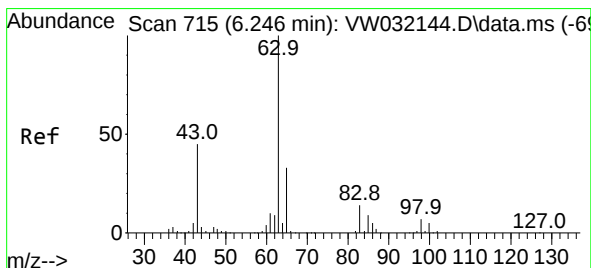
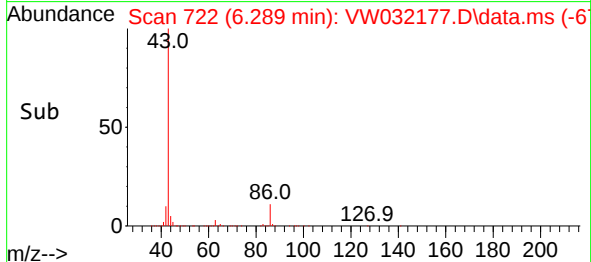
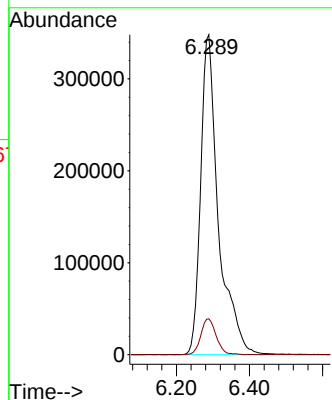
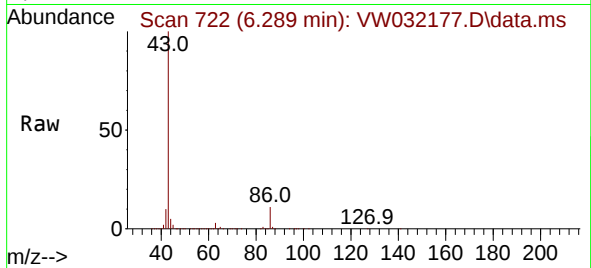




#23
 Vinyl Acetate
 Concen: 236.500 ug/l
 RT: 6.289 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW032177.D
 Acq: 15 Sep 2025 16:32

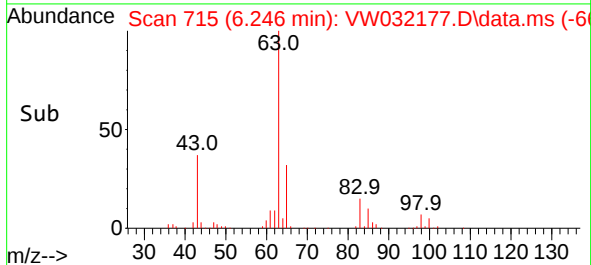
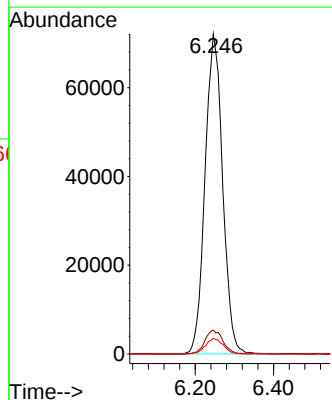
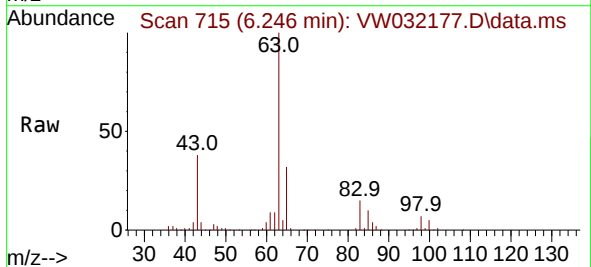
Instrument :
 MSVOA_W
 ClientSampleId :

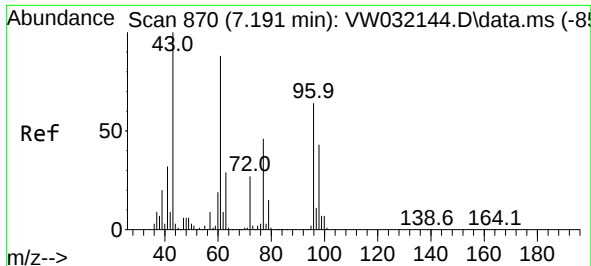
Tgt Ion: 43 Resp: 1174627
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 46.942 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032177.D
 Acq: 15 Sep 2025 16:32

Tgt Ion: 63 Resp: 224498
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.2
 100 4.9 2.5 7.5

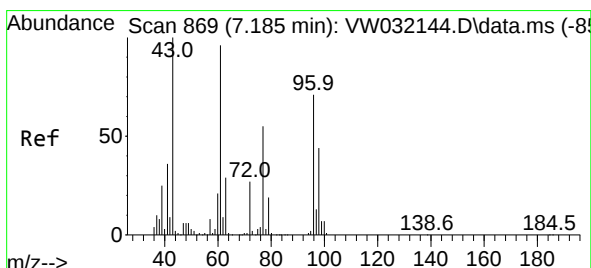
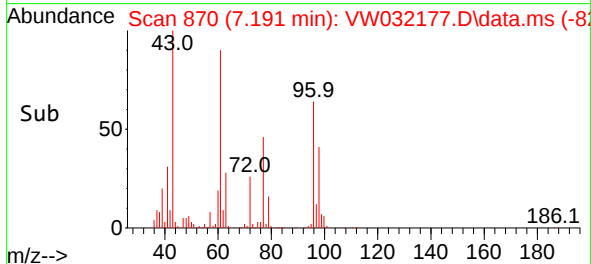
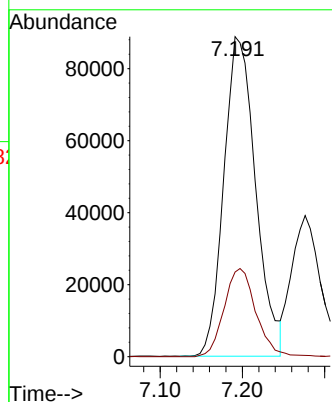
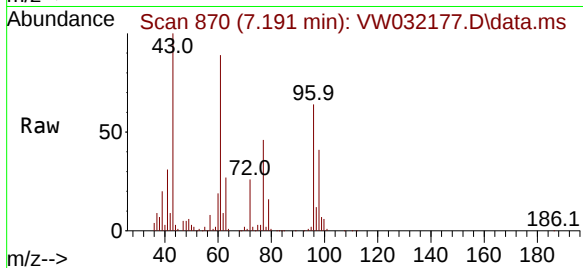




#25
2-Butanone
Concen: 243.906 ug/l
RT: 7.191 min Scan# 870
Delta R.T. -0.000 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

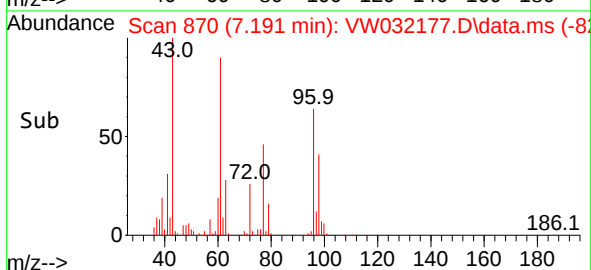
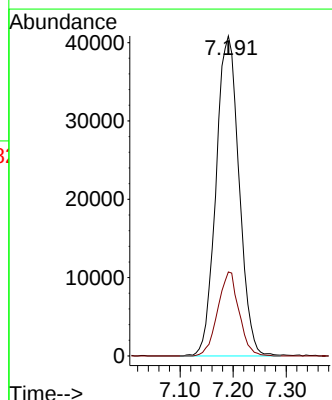
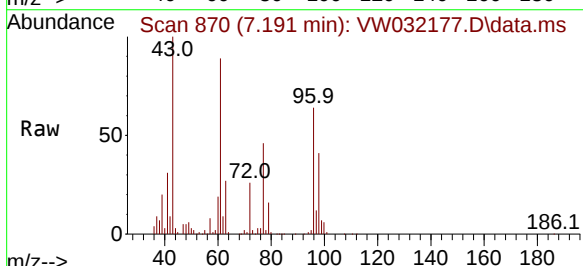
Instrument :
MSVOA_W
ClientSampleId :

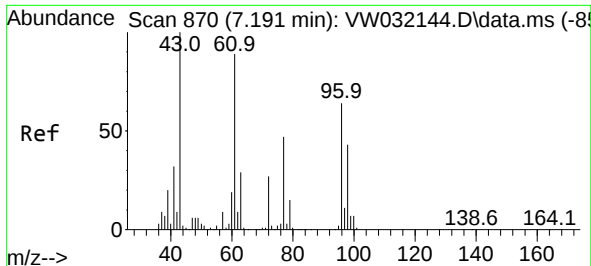
Tgt Ion: 43 Resp: 239338
Ion Ratio Lower Upper
43 100
72 26.5 21.4 32.2



#26
2,2-Dichloropropane
Concen: 48.713 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

Tgt Ion: 77 Resp: 123372
Ion Ratio Lower Upper
77 100
97 24.2 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 46.833 ug/l

RT: 7.197 min Scan# 81

Delta R.T. 0.006 min

Lab File: VW032177.D

Acq: 15 Sep 2025 16:32

Instrument :

MSVOA_W

ClientSampleId :

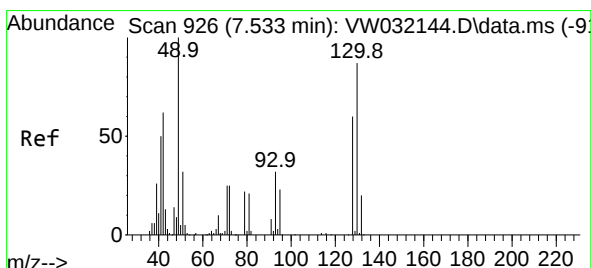
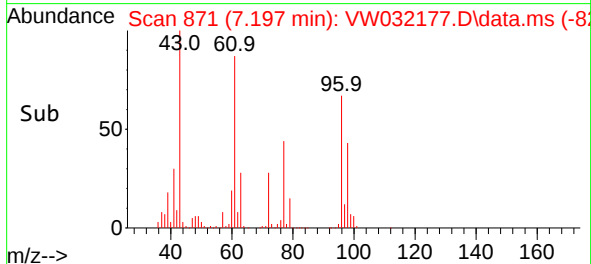
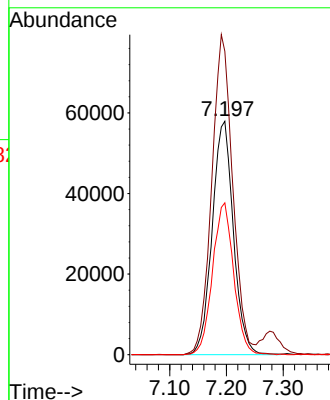
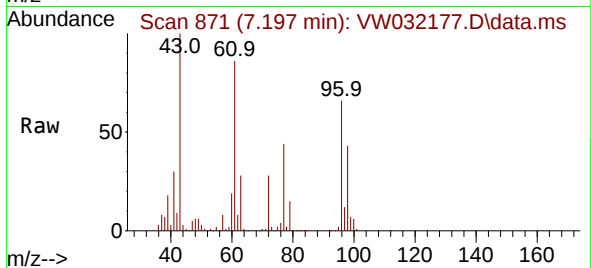
Tgt Ion: 96 Resp: 150432

Ion Ratio Lower Upper

96 100

61 136.0 0.0 268.0

98 64.9 0.0 130.8



#28

Bromochloromethane

Concen: 47.371 ug/l

RT: 7.532 min Scan# 926

Delta R.T. -0.000 min

Lab File: VW032177.D

Acq: 15 Sep 2025 16:32

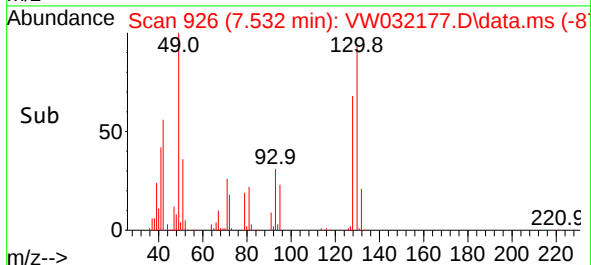
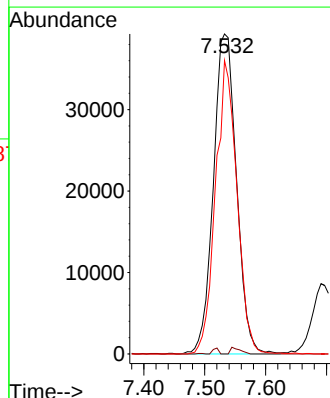
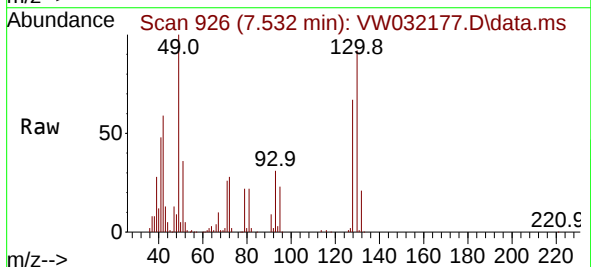
Tgt Ion: 49 Resp: 103707

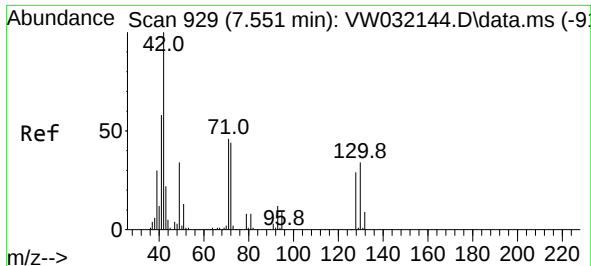
Ion Ratio Lower Upper

49 100

129 0.9 0.0 4.2

130 84.9 67.5 101.3





#29

Tetrahydrofuran

Concen: 242.271 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW032177.D

Acq: 15 Sep 2025 16:32

Instrument :

MSVOA_W

ClientSampleId :

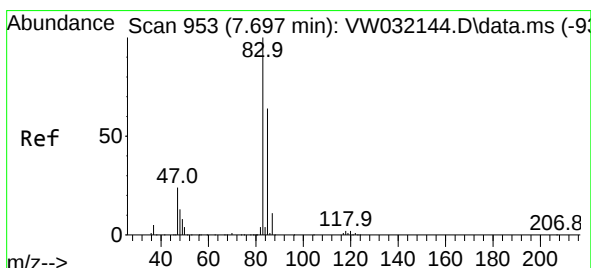
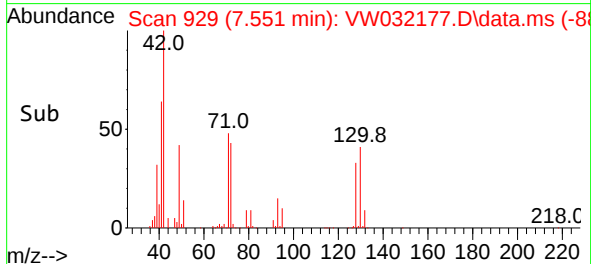
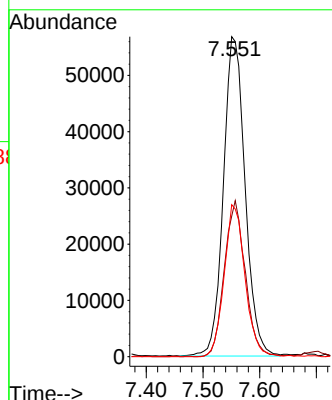
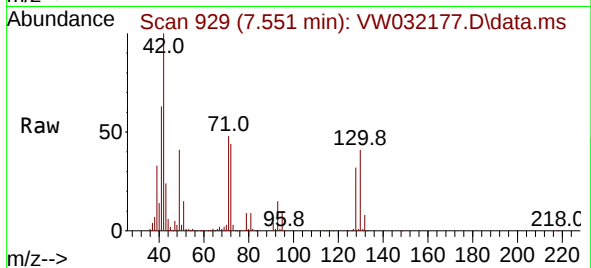
Tgt Ion: 42 Resp: 151071

Ion Ratio Lower Upper

42 100

72 47.2 37.4 56.2

71 45.7 36.0 54.0



#30

Chloroform

Concen: 47.546 ug/l

RT: 7.697 min Scan# 953

Delta R.T. -0.000 min

Lab File: VW032177.D

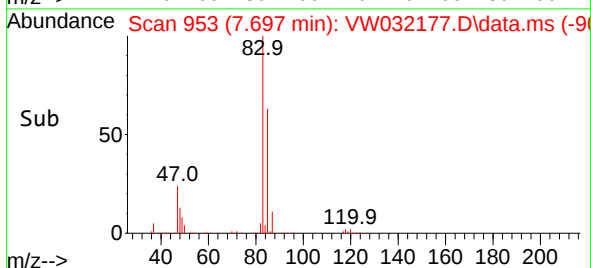
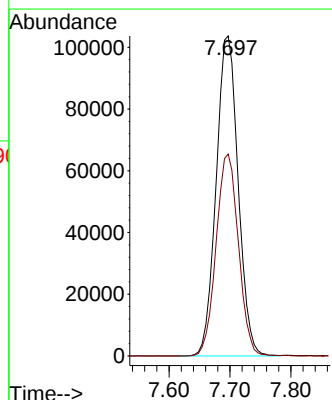
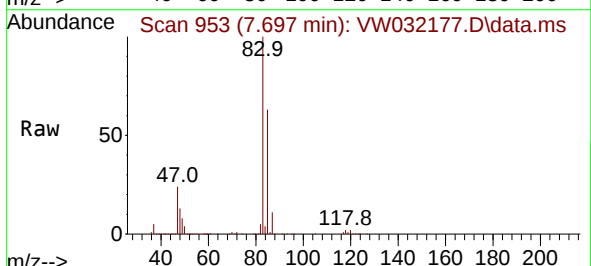
Acq: 15 Sep 2025 16:32

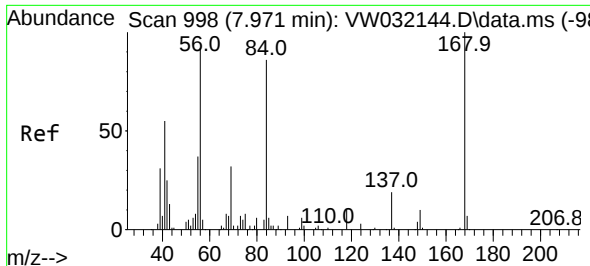
Tgt Ion: 83 Resp: 259615

Ion Ratio Lower Upper

83 100

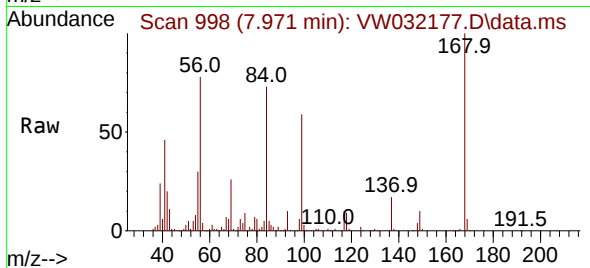
85 63.1 51.2 76.8



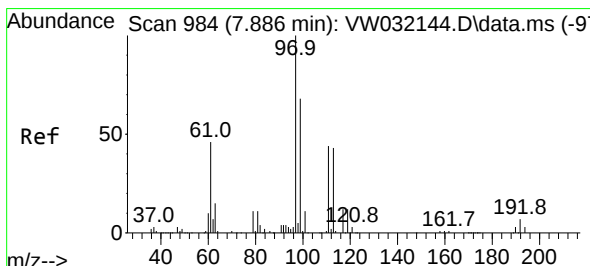
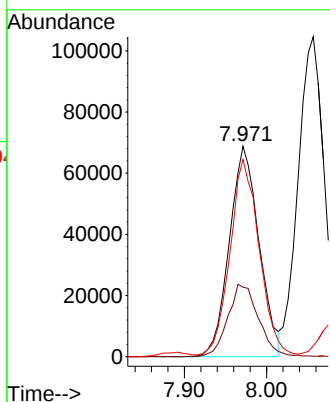
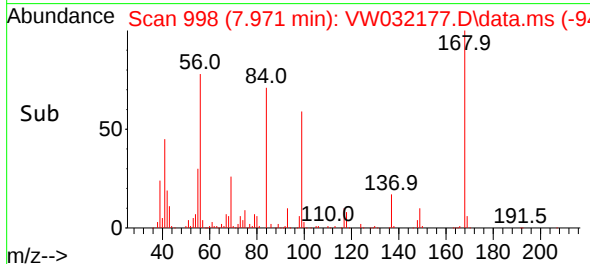


#31
Cyclohexane
Concen: 44.043 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

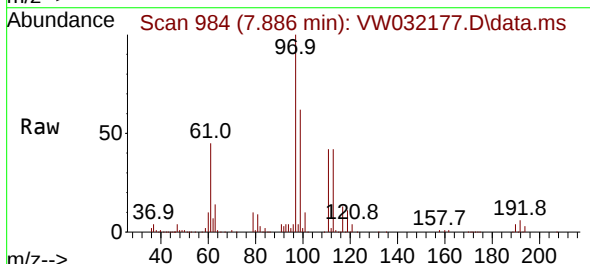
Instrument :
MSVOA_W
ClientSampleId :



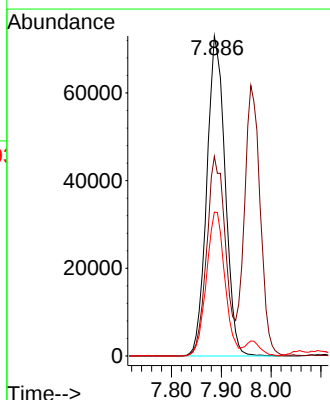
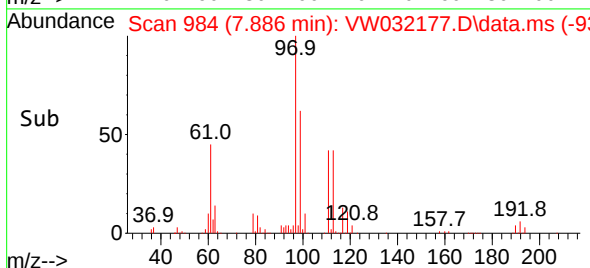
Tgt Ion: 56 Resp: 172882
Ion Ratio Lower Upper
56 100
69 33.1 27.7 41.5
84 91.6 74.6 112.0

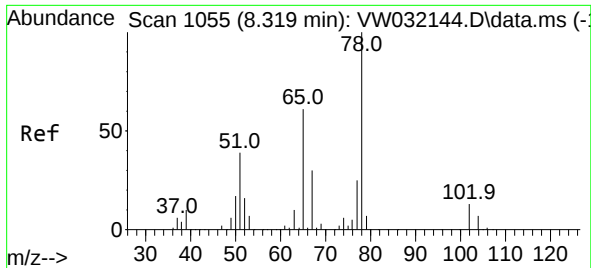


#32
1,1,1-Trichloroethane
Concen: 46.761 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.000 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32



Tgt Ion: 97 Resp: 186389
Ion Ratio Lower Upper
97 100
99 64.1 50.9 76.3
61 45.6 36.2 54.4

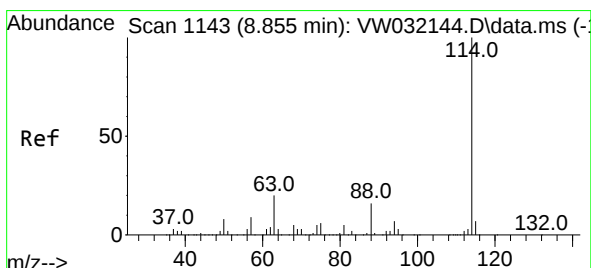
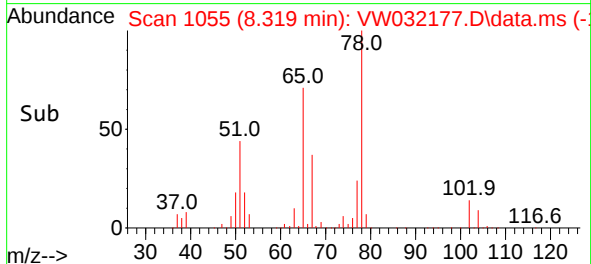
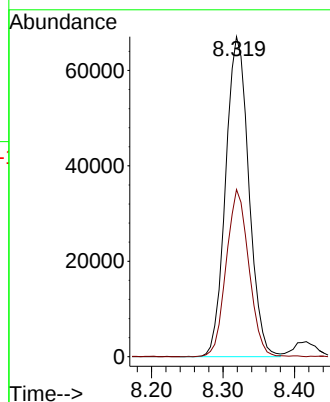
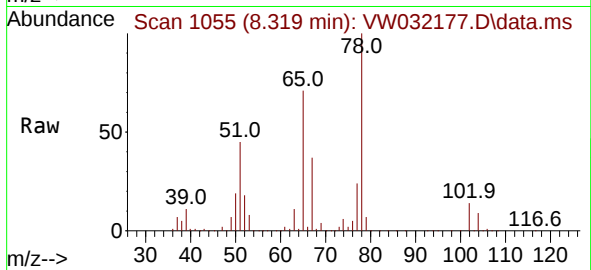




#33
 1,2-Dichloroethane-d4
 Concen: 47.242 ug/l
 RT: 8.319 min Scan# 1105
 Delta R.T. -0.000 min
 Lab File: VW032177.D
 Acq: 15 Sep 2025 16:32

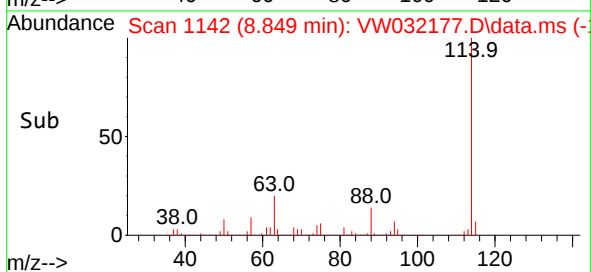
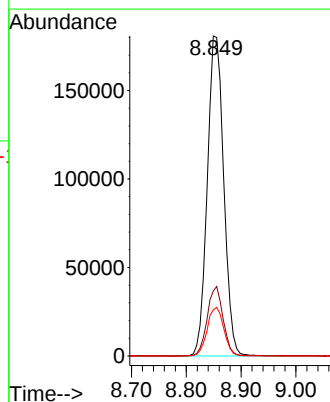
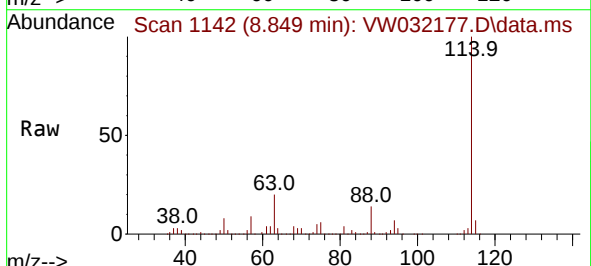
Instrument :
 MSVOA_W
 ClientSampleId :

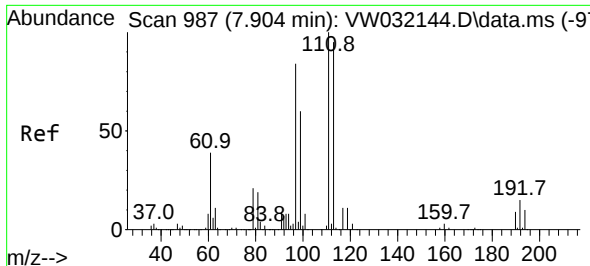
Tgt Ion: 65 Resp: 151057
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032177.D
 Acq: 15 Sep 2025 16:32

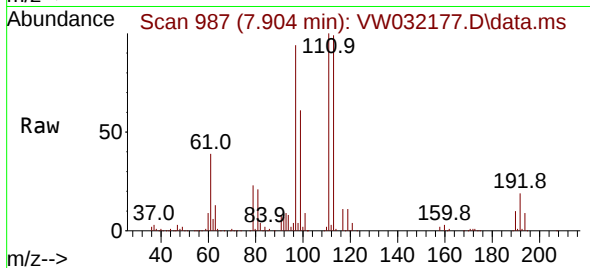
Tgt Ion: 114 Resp: 375253
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.4
 88 14.4 0.0 32.0



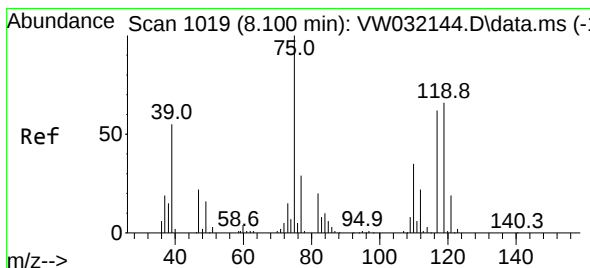
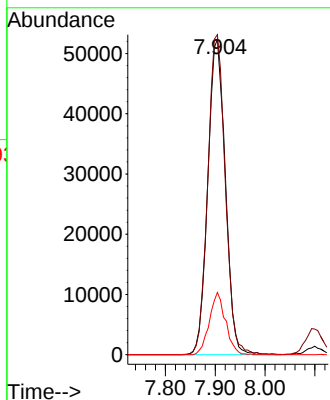
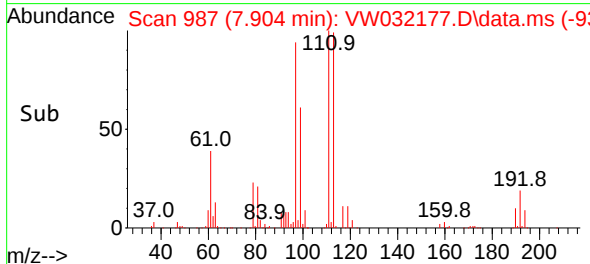


#35
 Dibromofluoromethane
 Concen: 48.514 ug/l
 RT: 7.904 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VW032177.D
 Acq: 15 Sep 2025 16:32

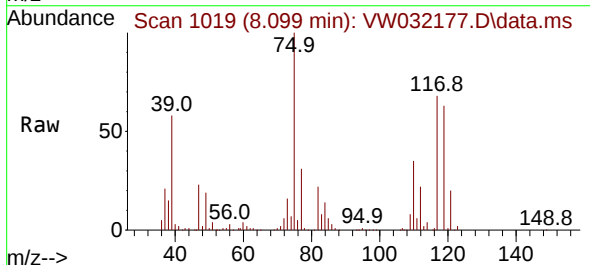
Instrument :
 MSVOA_W
 ClientSampleId :



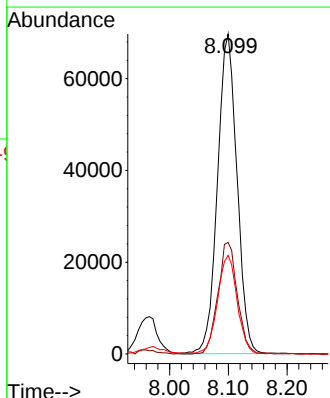
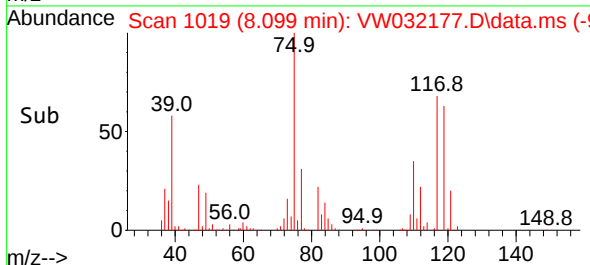
Tgt Ion:113 Resp: 127724
 Ion Ratio Lower Upper
 113 100
 111 101.4 83.9 125.9
 192 18.2 14.6 21.8

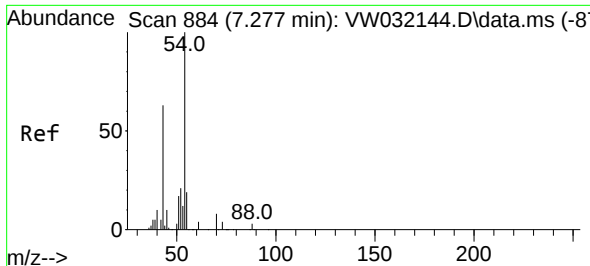


#36
 1,1-Dichloropropene
 Concen: 47.023 ug/l
 RT: 8.099 min Scan# 1019
 Delta R.T. -0.000 min
 Lab File: VW032177.D
 Acq: 15 Sep 2025 16:32



Tgt Ion: 75 Resp: 160516
 Ion Ratio Lower Upper
 75 100
 110 34.8 17.5 52.5
 77 30.8 24.1 36.1





#37

Ethyl Acetate

Concen: 48.013 ug/l

RT: 7.276 min Scan# 884

Delta R.T. -0.000 min

Lab File: VW032177.D

Acq: 15 Sep 2025 16:32

Instrument :

MSVOA_W

ClientSampleId :

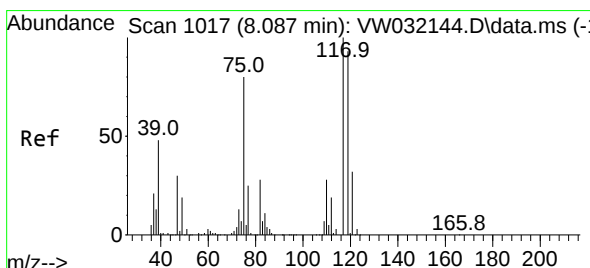
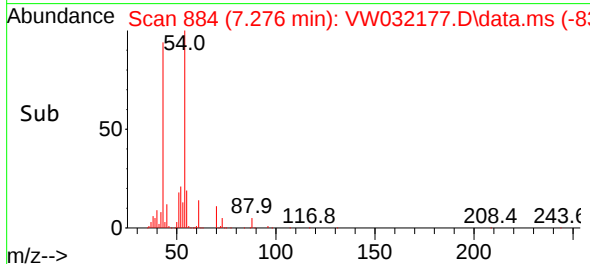
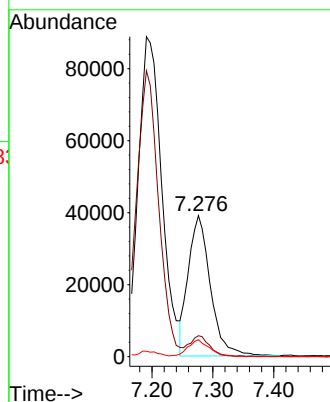
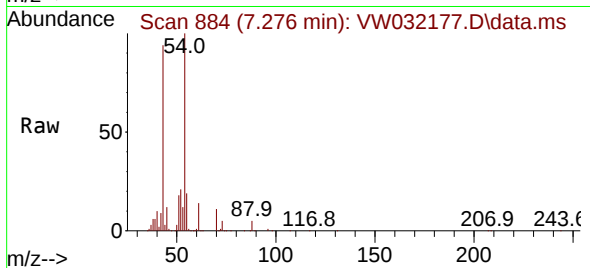
Tgt Ion: 43 Resp: 98319

Ion Ratio Lower Upper

43 100

61 13.6 11.3 16.9

70 11.7 8.9 13.3



#38

Carbon Tetrachloride

Concen: 48.098 ug/l

RT: 8.087 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VW032177.D

Acq: 15 Sep 2025 16:32

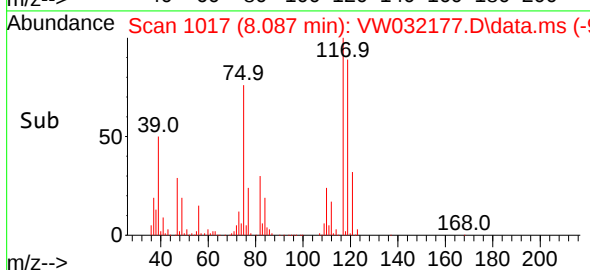
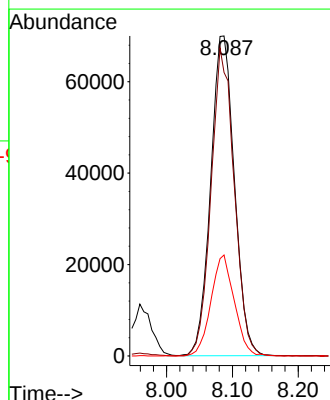
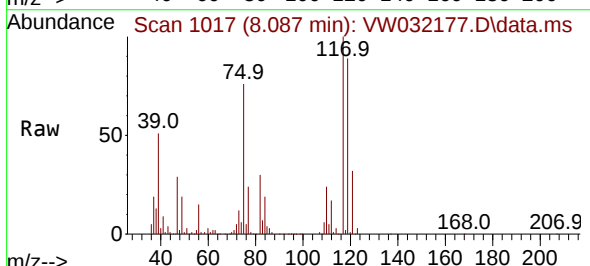
Tgt Ion: 117 Resp: 176009

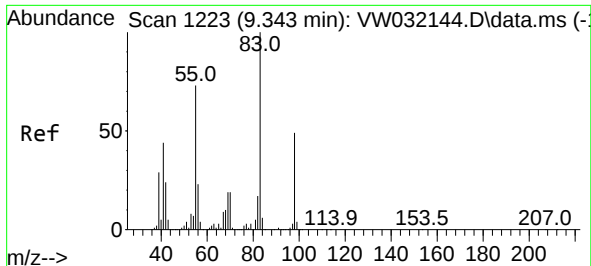
Ion Ratio Lower Upper

117 100

119 88.5 74.2 111.2

121 31.6 25.6 38.4





#39

Methylcyclohexane

Concen: 47.940 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032177.D

Acq: 15 Sep 2025 16:32

Instrument :

MSVOA_W

ClientSampleId :

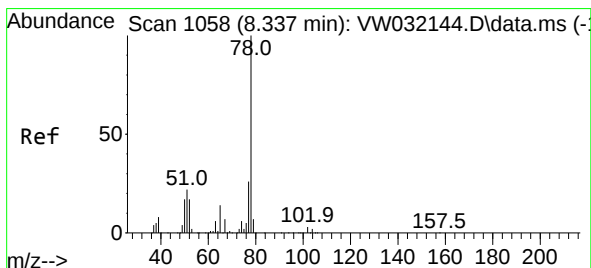
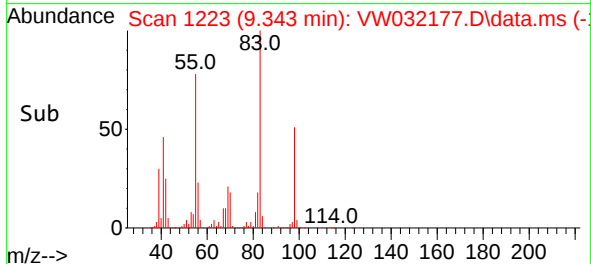
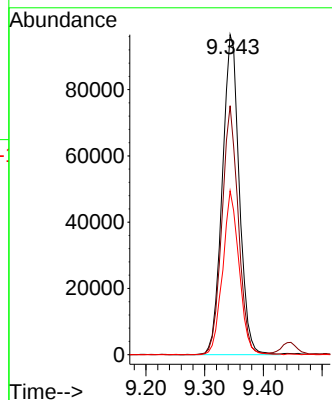
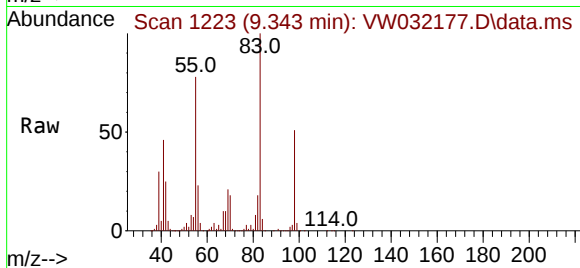
Tgt Ion: 83 Resp: 193832

Ion Ratio Lower Upper

83 100

55 77.8 58.4 87.6

98 51.2 39.4 59.2



#40

Benzene

Concen: 47.782 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VW032177.D

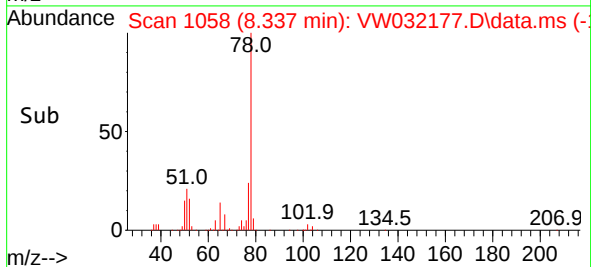
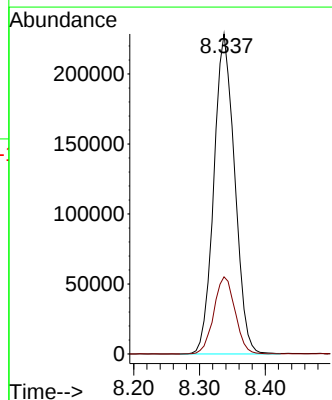
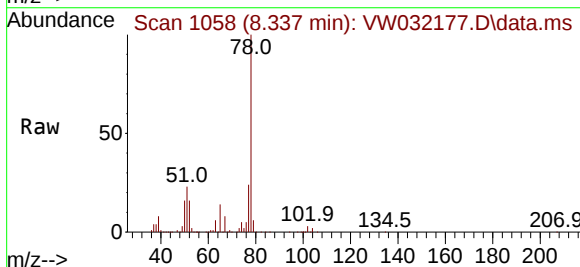
Acq: 15 Sep 2025 16:32

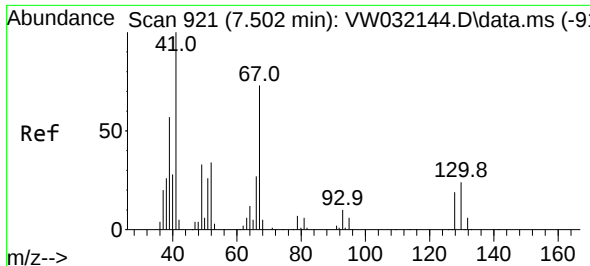
Tgt Ion: 78 Resp: 504184

Ion Ratio Lower Upper

78 100

77 24.1 20.7 31.1

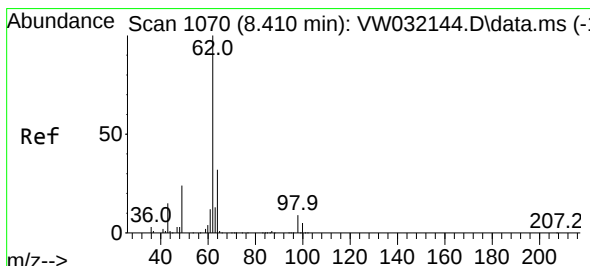
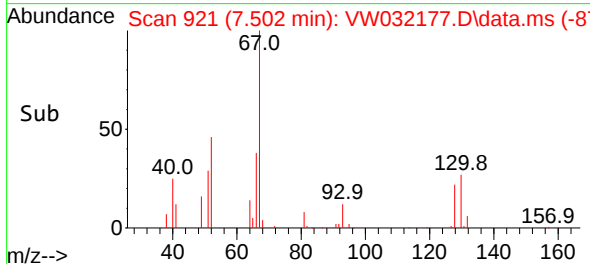
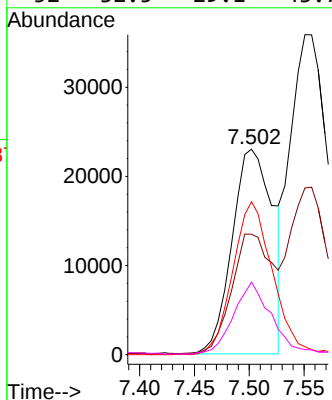
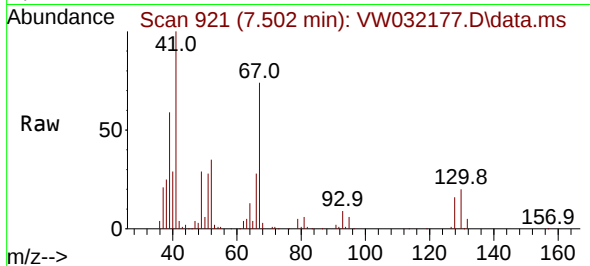




#41
Methacrylonitrile
Concen: 52.283 ug/l
RT: 7.502 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

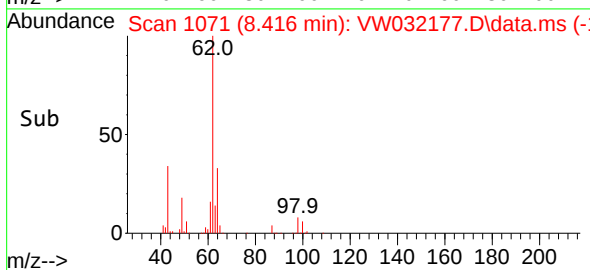
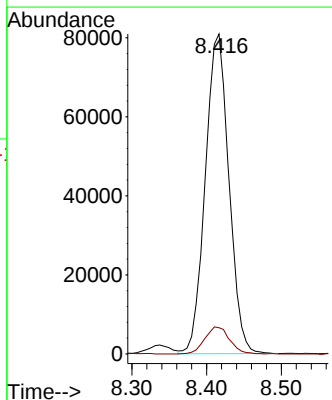
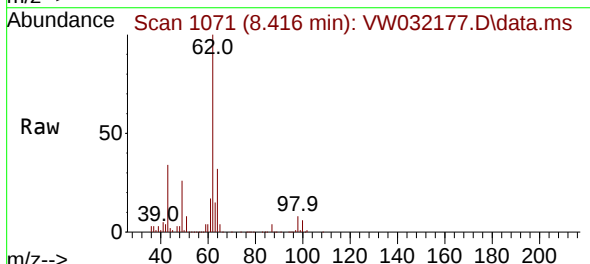
Instrument :
MSVOA_W
ClientSampleId :

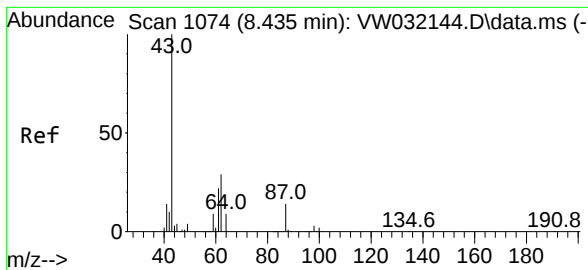
Tgt Ion:	41	Resp:	59483
Ion	Ratio	Lower	Upper
41	100		
39	60.0	50.9	76.3
67	73.6	65.6	98.4
52	32.5	29.1	43.7



#42
1,2-Dichloroethane
Concen: 48.645 ug/l
RT: 8.416 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

Tgt Ion:	62	Resp:	177940
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.0





#43

Isopropyl Acetate

Concen: 49.543 ug/l

RT: 8.435 min Scan# 1107

Delta R.T. -0.000 min

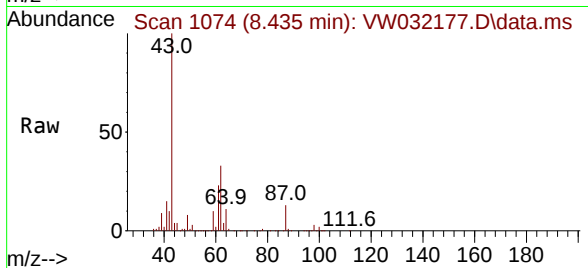
Lab File: VW032177.D

Acq: 15 Sep 2025 16:32

Instrument :

MSVOA_W

ClientSampleId :



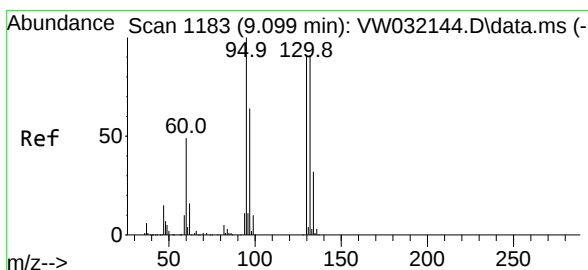
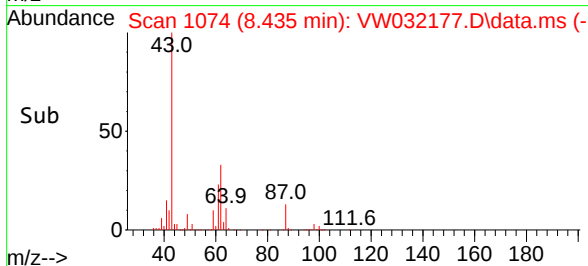
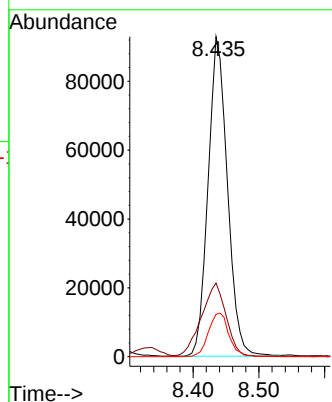
Tgt Ion: 43 Resp: 190328

Ion Ratio Lower Upper

43 100

61 29.5 23.3 34.9

87 14.4 11.1 16.7



#44

Trichloroethene

Concen: 48.086 ug/l

RT: 9.105 min Scan# 1184

Delta R.T. 0.006 min

Lab File: VW032177.D

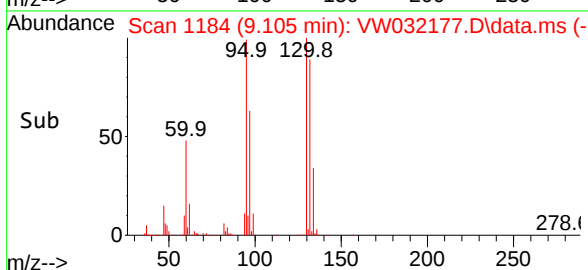
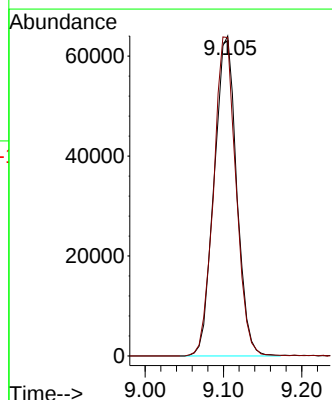
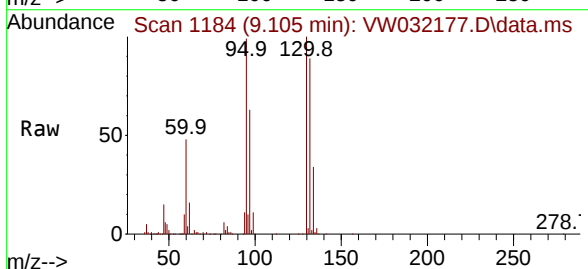
Acq: 15 Sep 2025 16:32

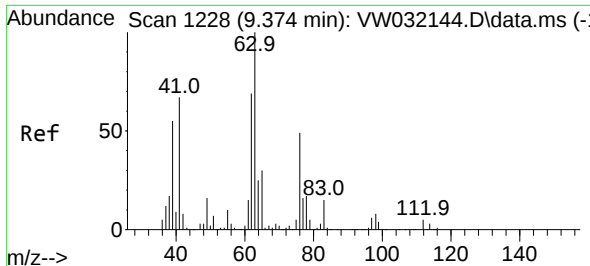
Tgt Ion:130 Resp: 127600

Ion Ratio Lower Upper

130 100

95 99.5 0.0 220.0





#45

1,2-Dichloropropane

Concen: 48.824 ug/l

RT: 9.380 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VW032177.D

Acq: 15 Sep 2025 16:32

Instrument :

MSVOA_W

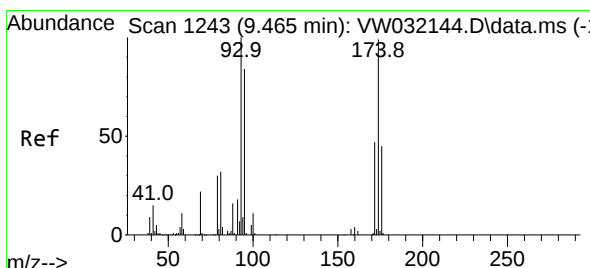
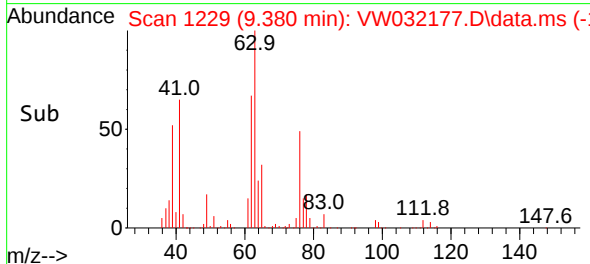
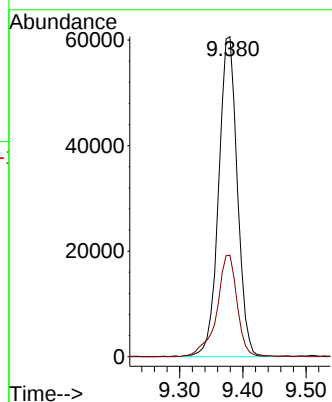
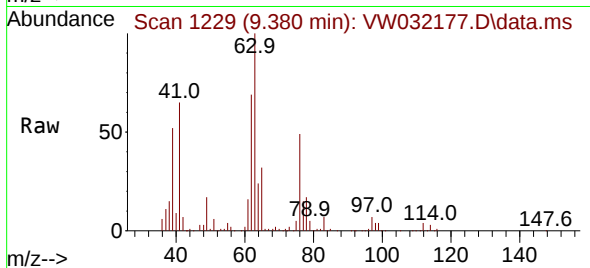
ClientSampleId :

Tgt Ion: 63 Resp: 124190

Ion Ratio Lower Upper

63 100

65 31.6 24.3 36.5



#46

Dibromomethane

Concen: 48.444 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VW032177.D

Acq: 15 Sep 2025 16:32

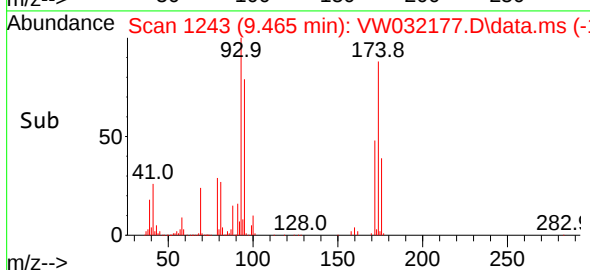
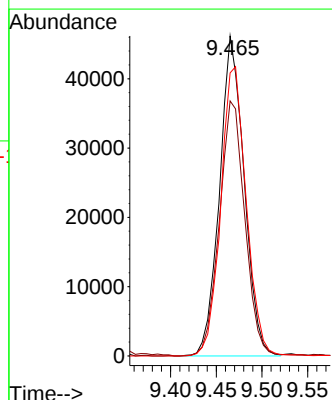
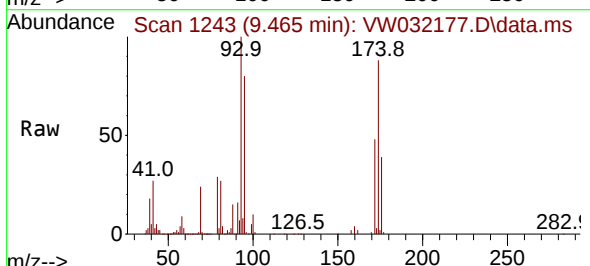
Tgt Ion: 93 Resp: 86429

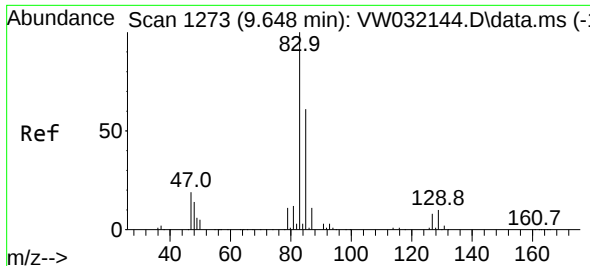
Ion Ratio Lower Upper

93 100

95 82.5 67.4 101.2

174 93.4 75.7 113.5

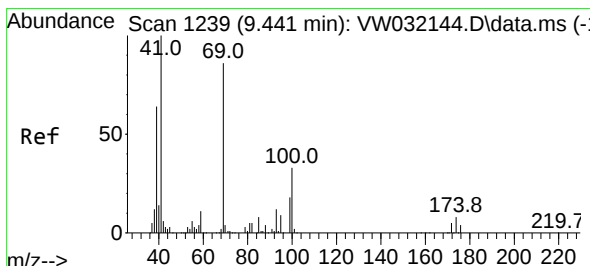
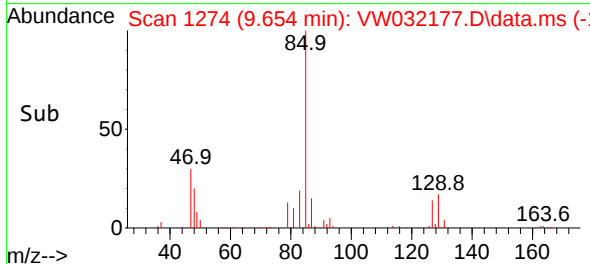
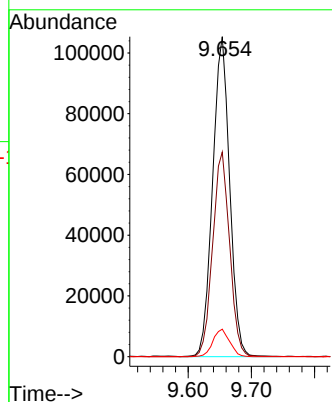
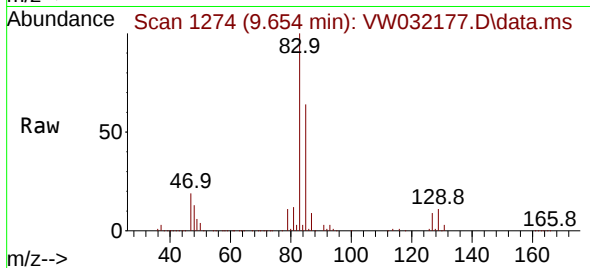




#47
Bromodichloromethane
Concen: 48.683 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

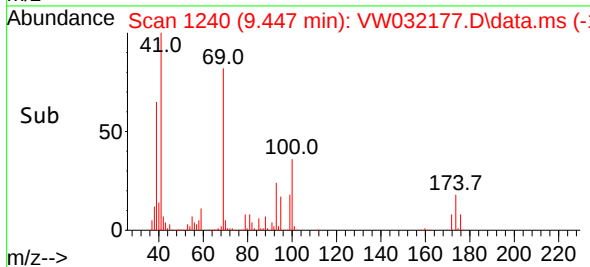
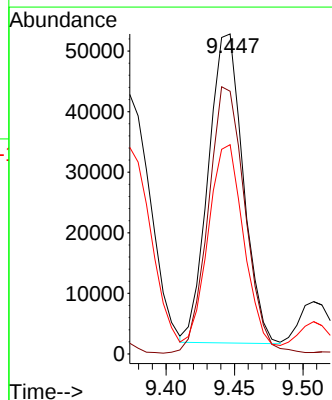
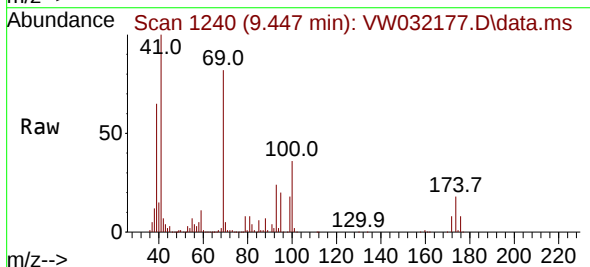
Instrument :
MSVOA_W
ClientSampleId :

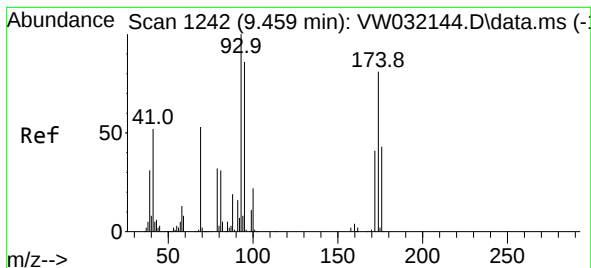
Tgt Ion: 83 Resp: 197378
Ion Ratio Lower Upper
83 100
85 64.0 48.7 73.1
127 8.6 6.4 9.6



#48
Methyl methacrylate
Concen: 50.947 ug/l
RT: 9.447 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

Tgt Ion: 41 Resp: 90196
Ion Ratio Lower Upper
41 100
69 91.0 71.5 107.3
39 70.8 55.9 83.9





#49

1,4-Dioxane

Concen: 1053.678 ug/l

RT: 9.465 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032177.D

Acq: 15 Sep 2025 16:32

Instrument :

MSVOA_W

ClientSampleId :

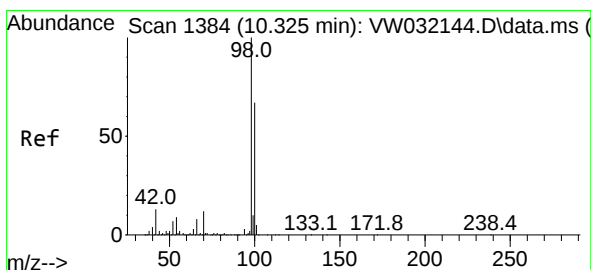
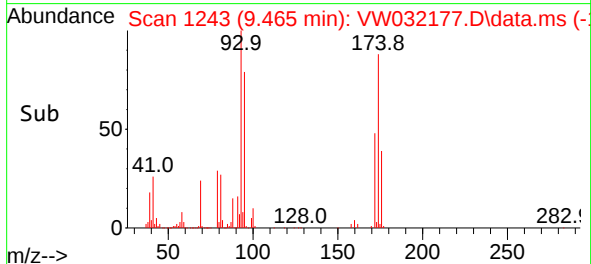
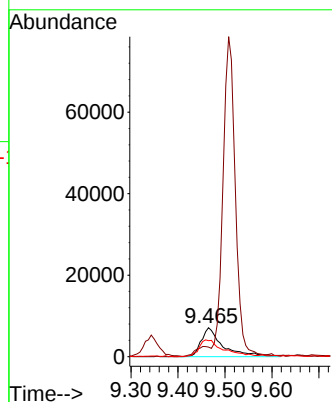
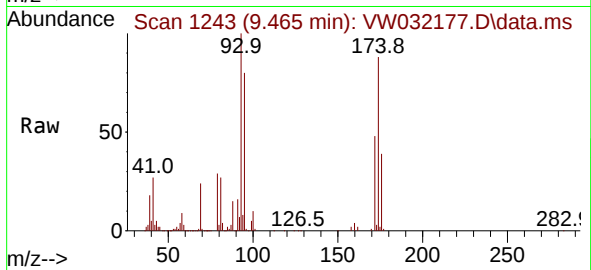
Tgt Ion: 88 Resp: 22713

Ion Ratio Lower Upper

88 100

43 24.7 18.0 27.0

58 66.0 55.4 83.0



#50

Toluene-d8

Concen: 48.919 ug/l

RT: 10.331 min Scan# 1385

Delta R.T. 0.006 min

Lab File: VW032177.D

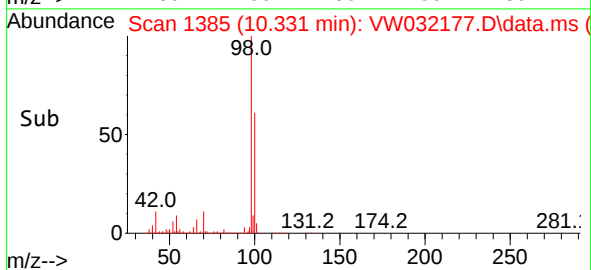
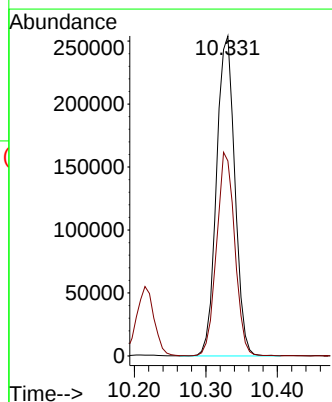
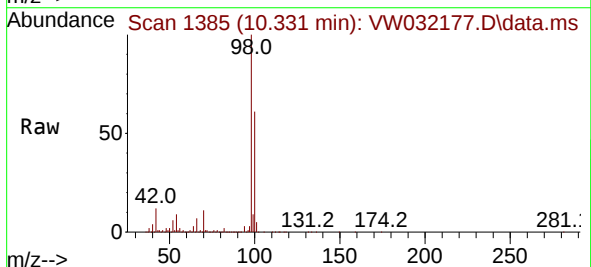
Acq: 15 Sep 2025 16:32

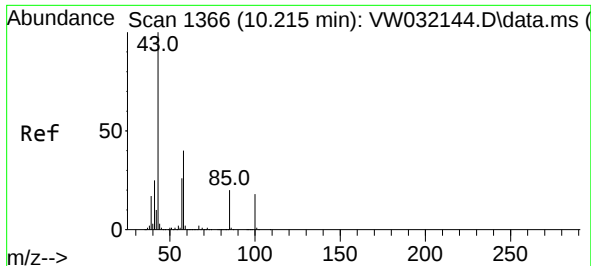
Tgt Ion: 98 Resp: 452126

Ion Ratio Lower Upper

98 100

100 63.1 51.4 77.2

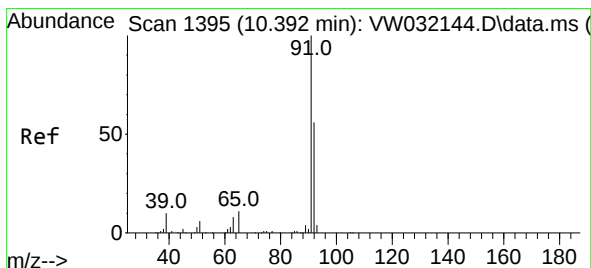
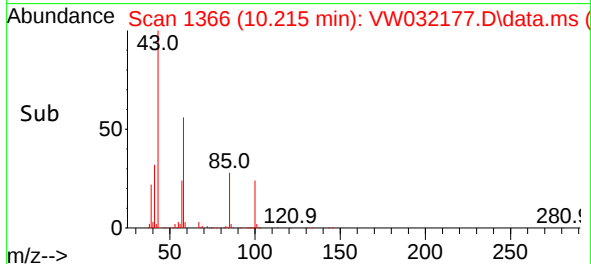
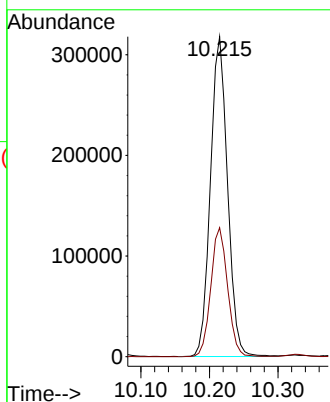
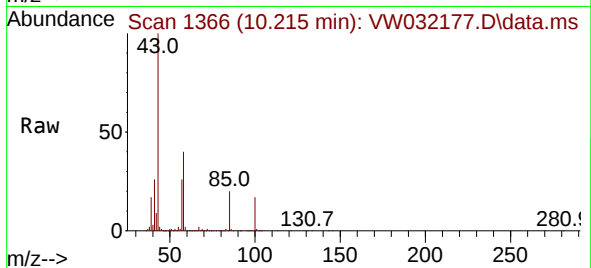




#51
4-Methyl-2-Pentanone
Concen: 253.256 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

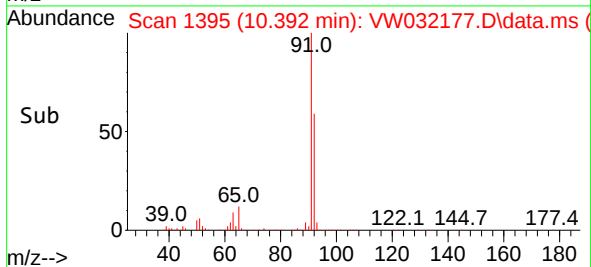
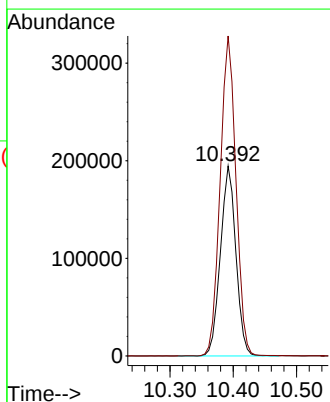
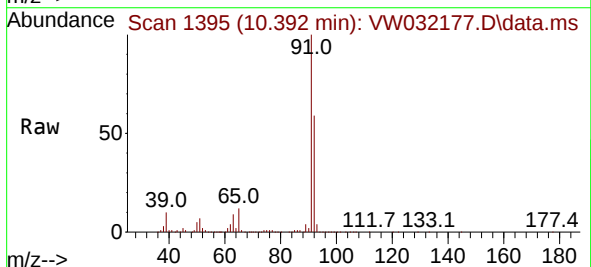
Instrument :
MSVOA_W
ClientSampleId :

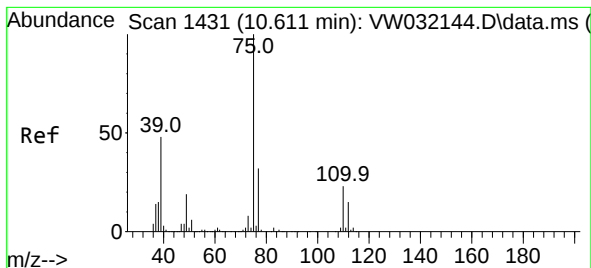
Tgt Ion: 43 Resp: 549359
Ion Ratio Lower Upper
43 100
58 39.7 32.0 48.0



#52
Toluene
Concen: 47.777 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

Tgt Ion: 92 Resp: 329434
Ion Ratio Lower Upper
92 100
91 171.8 137.5 206.3

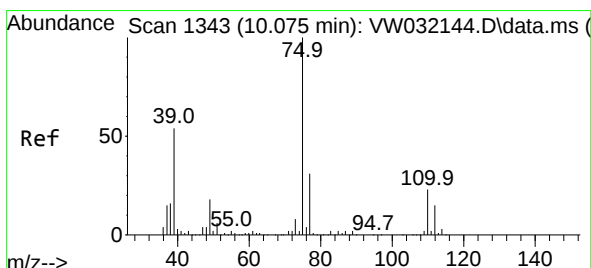
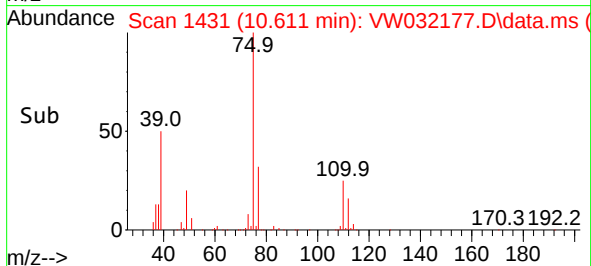
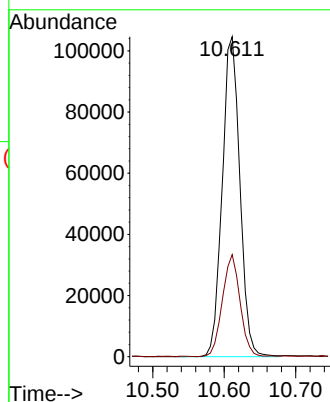
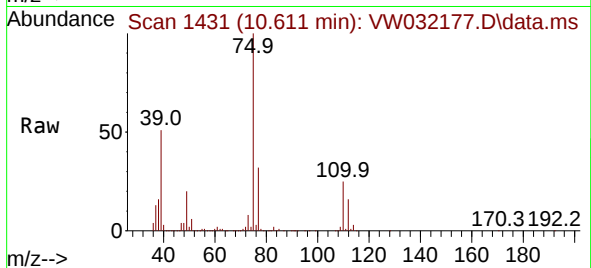




#53
t-1,3-Dichloropropene
Concen: 50.154 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

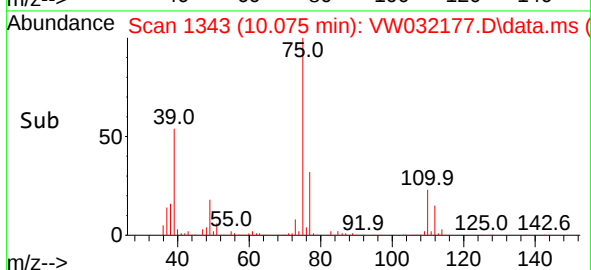
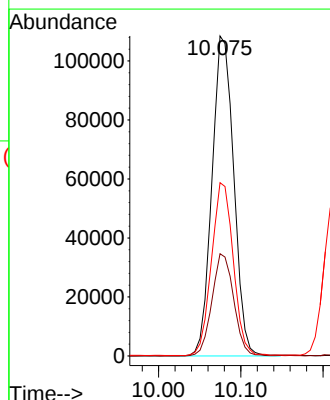
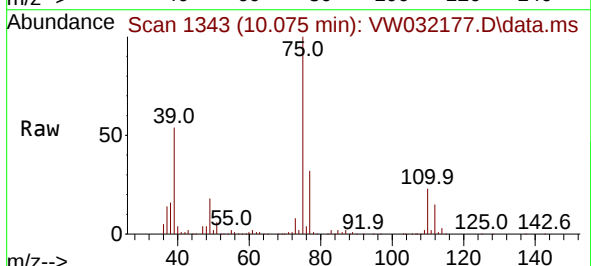
Instrument :
MSVOA_W
ClientSampleId :

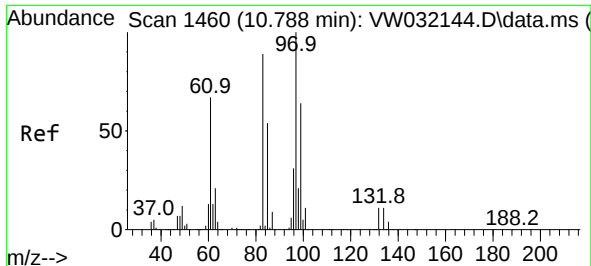
Tgt Ion: 75 Resp: 179382
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 48.996 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

Tgt Ion: 75 Resp: 199952
Ion Ratio Lower Upper
75 100
77 31.9 25.1 37.7
39 54.0 43.2 64.8





#55

1,1,2-Trichloroethane

Concen: 48.845 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

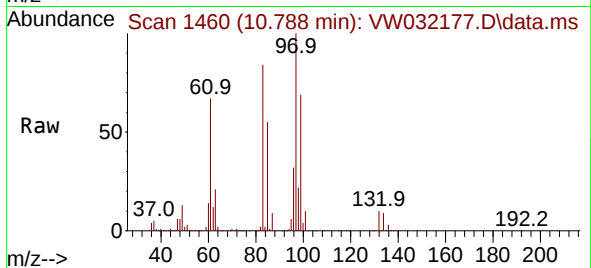
Lab File: VW032177.D

Acq: 15 Sep 2025 16:32

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 113319

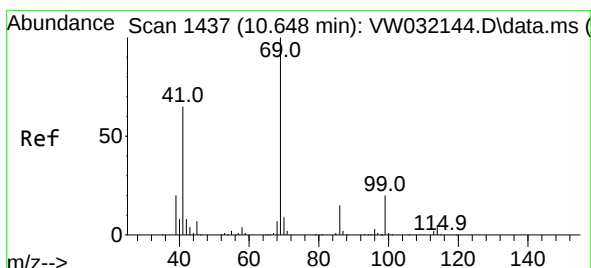
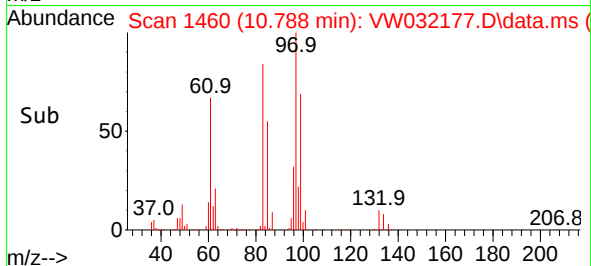
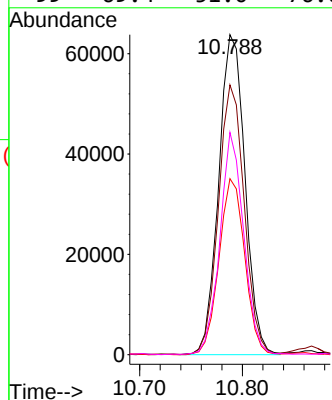
Ion Ratio Lower Upper

97 100

83 84.2 71.0 106.6

85 55.0 42.8 64.2

99 69.4 51.0 76.6



#56

Ethyl methacrylate

Concen: 51.112 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. -0.000 min

Lab File: VW032177.D

Acq: 15 Sep 2025 16:32

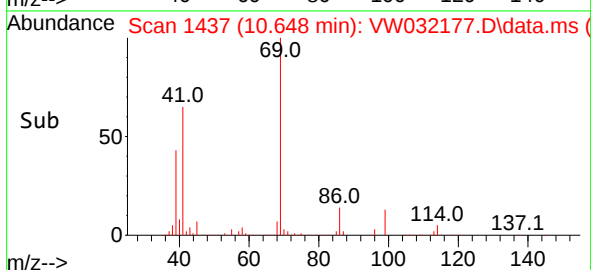
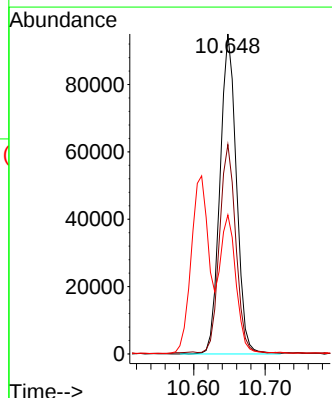
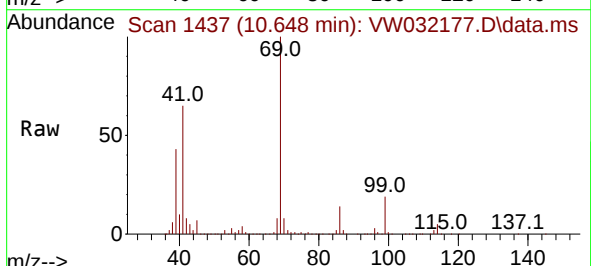
Tgt Ion: 69 Resp: 151599

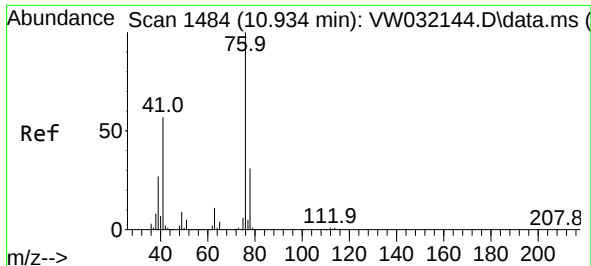
Ion Ratio Lower Upper

69 100

41 65.7 53.2 79.8

39 41.0 32.9 49.3





#57

1,3-Dichloropropane

Concen: 48.340 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032177.D

Acq: 15 Sep 2025 16:32

Instrument :

MSVOA_W

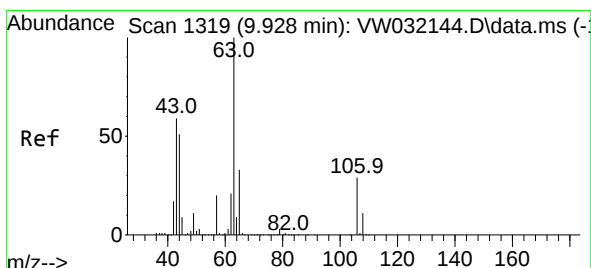
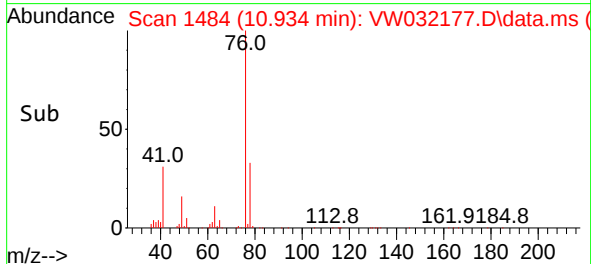
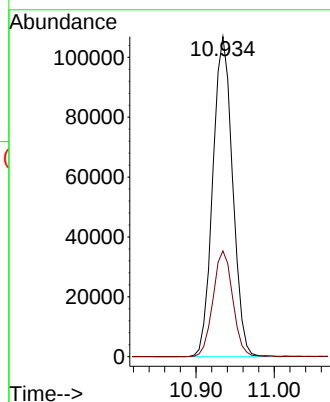
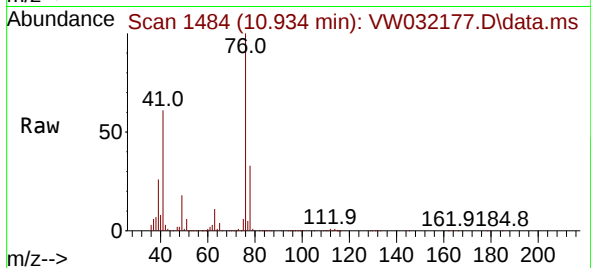
ClientSampleId :

Tgt Ion: 76 Resp: 187782

Ion Ratio Lower Upper

76 100

78 33.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 267.086 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VW032177.D

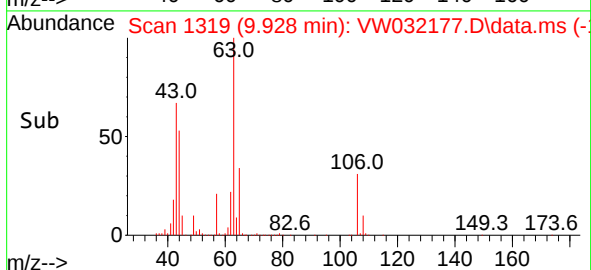
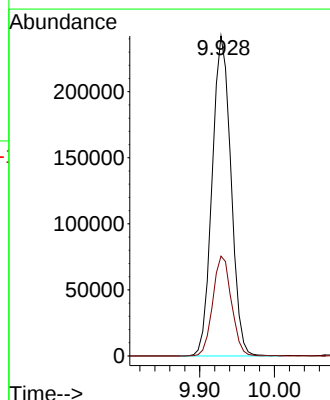
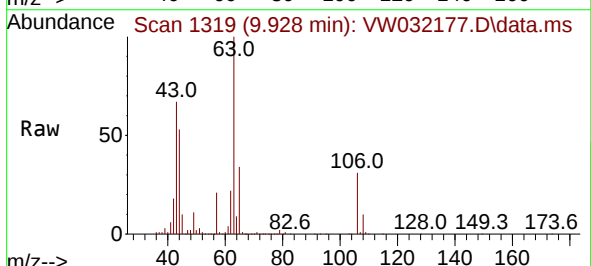
Acq: 15 Sep 2025 16:32

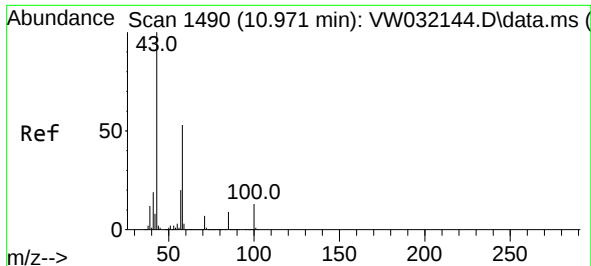
Tgt Ion: 63 Resp: 422828

Ion Ratio Lower Upper

63 100

106 31.0 24.3 36.5

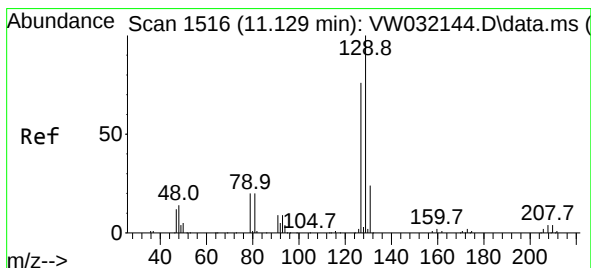
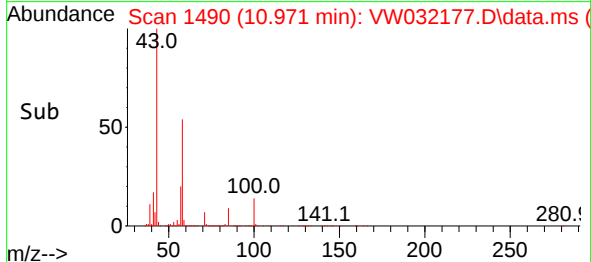
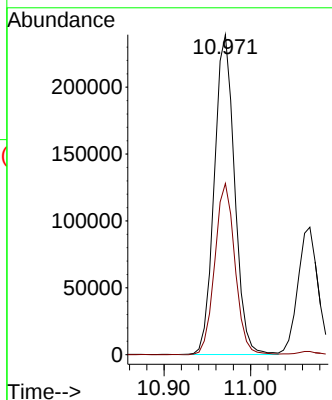
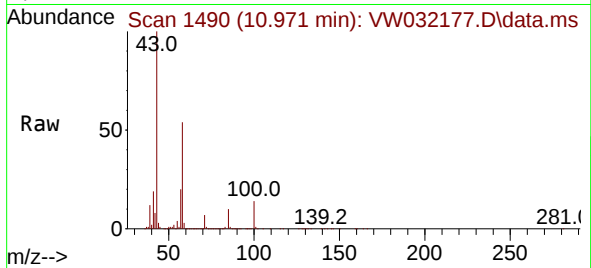




#59
2-Hexanone
Concen: 257.712 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

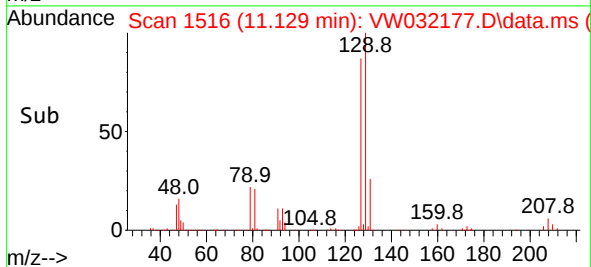
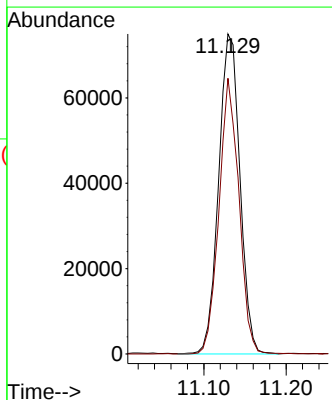
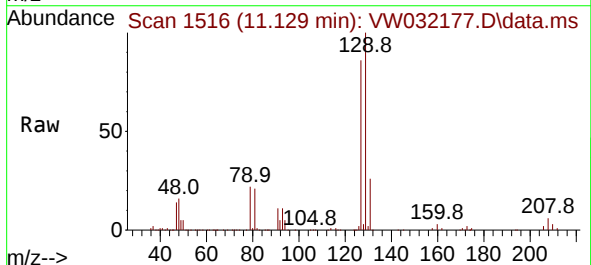
Instrument :
MSVOA_W
ClientSampleId :

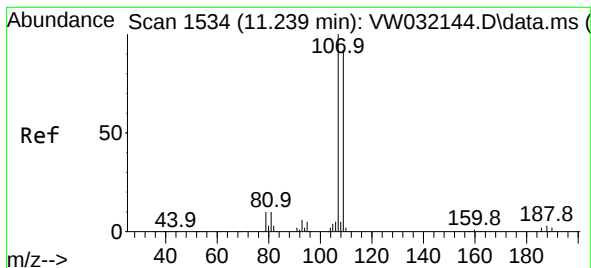
Tgt Ion: 43 Resp: 388788
Ion Ratio Lower Upper
43 100
58 53.4 27.5 82.4



#60
Dibromochloromethane
Concen: 48.023 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

Tgt Ion: 129 Resp: 134814
Ion Ratio Lower Upper
129 100
127 80.7 38.1 114.5

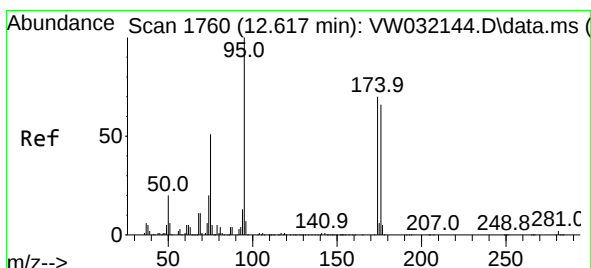
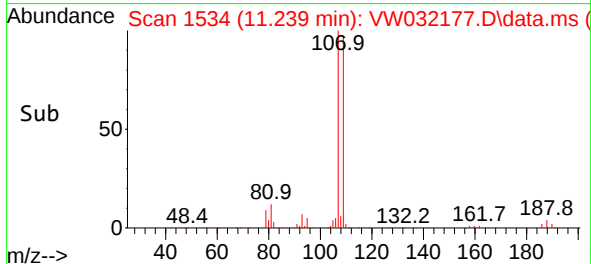
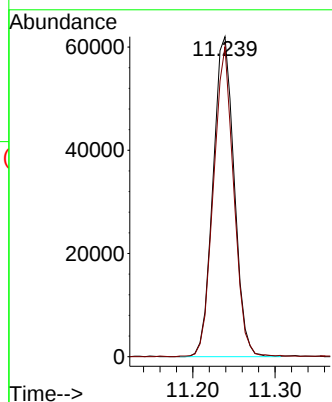
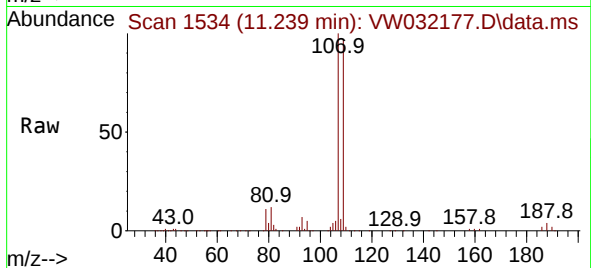




#61
1,2-Dibromoethane
Concen: 48.590 ug/l
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

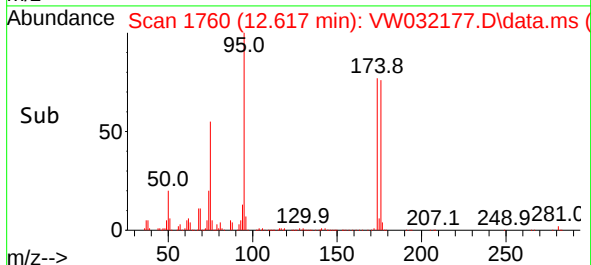
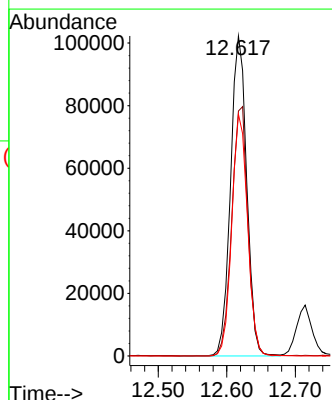
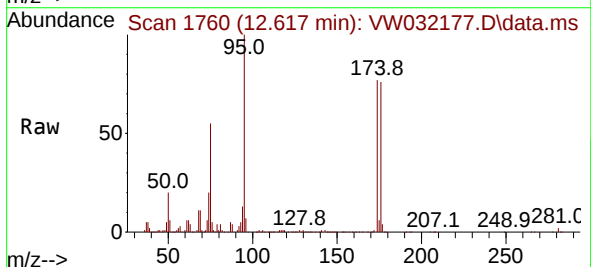
Instrument :
MSVOA_W
ClientSampleId :

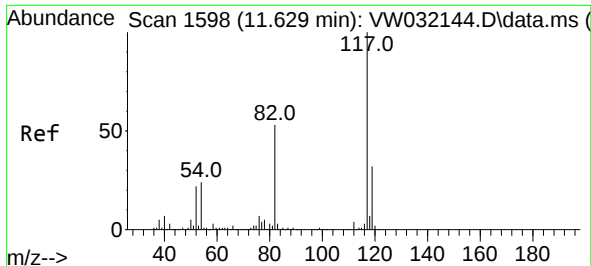
Tgt Ion:107 Resp: 110856
Ion Ratio Lower Upper
107 100
109 93.0 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 49.004 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

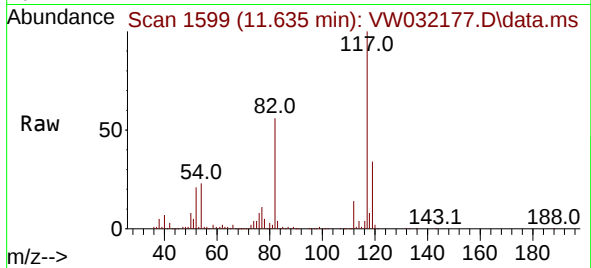
Tgt Ion: 95 Resp: 167476
Ion Ratio Lower Upper
95 100
174 77.7 0.0 145.6
176 73.6 0.0 140.8



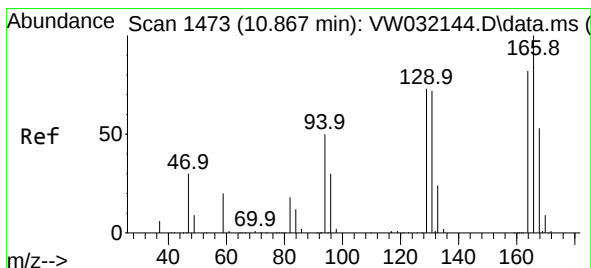
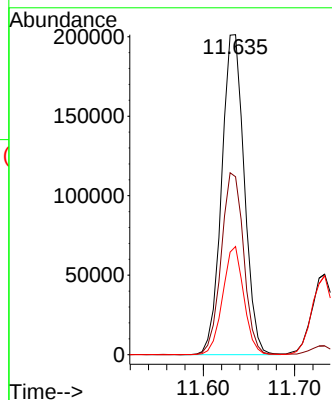
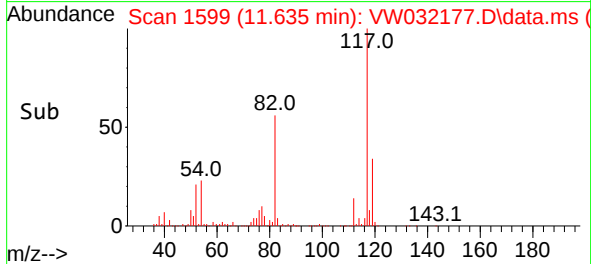


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

Instrument :
MSVOA_W
ClientSampleId :

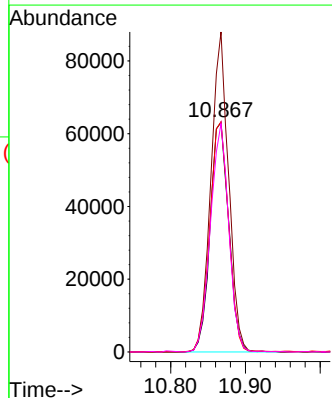
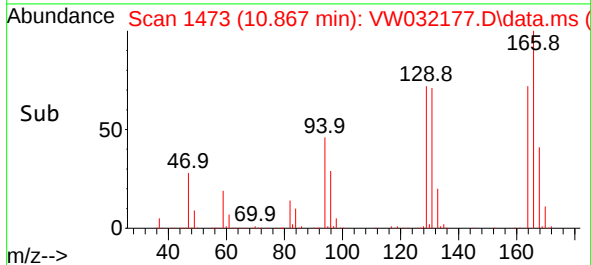
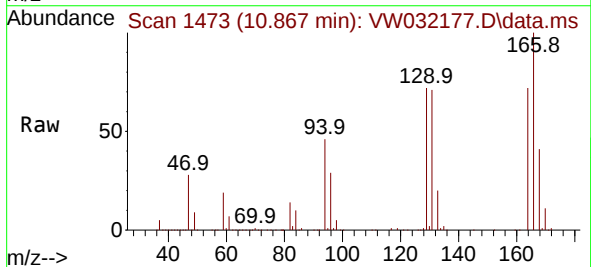


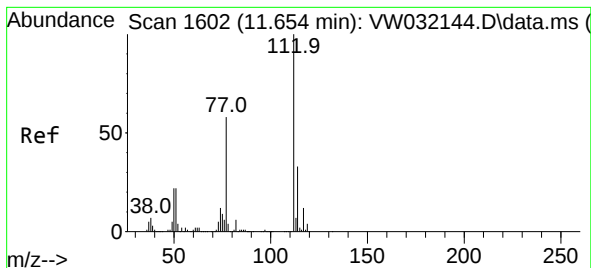
Tgt Ion:117 Resp: 346022
Ion Ratio Lower Upper
117 100
82 55.6 42.7 64.1
119 33.8 25.2 37.8



#64
Tetrachloroethene
Concen: 47.949 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

Tgt Ion:164 Resp: 109198
Ion Ratio Lower Upper
164 100
166 139.3 97.5 146.3
129 100.1 71.2 106.8
131 99.3 70.7 106.1





#65

Chlorobenzene

Concen: 47.828 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032177.D

Acq: 15 Sep 2025 16:32

Instrument :

MSVOA_W

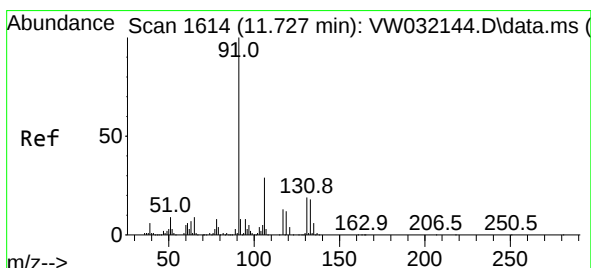
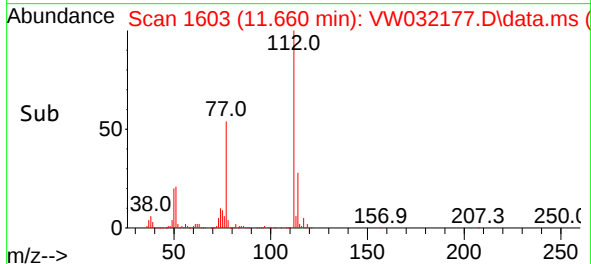
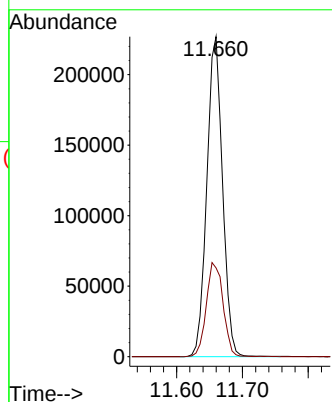
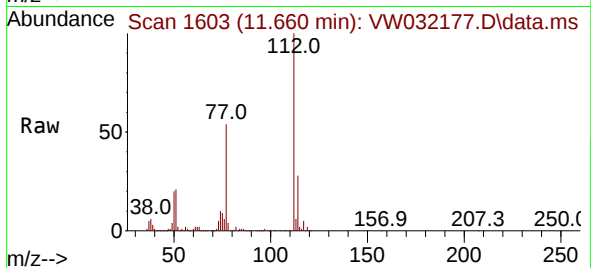
ClientSampleId :

Tgt Ion:112 Resp: 376692

Ion Ratio Lower Upper

112 100

114 27.7 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 49.394 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.006 min

Lab File: VW032177.D

Acq: 15 Sep 2025 16:32

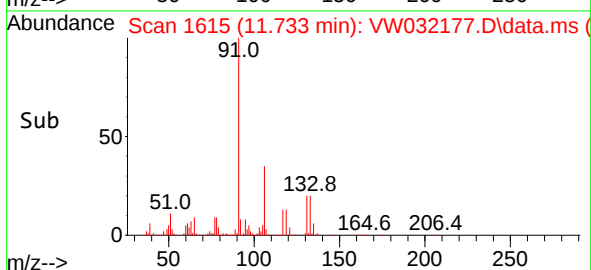
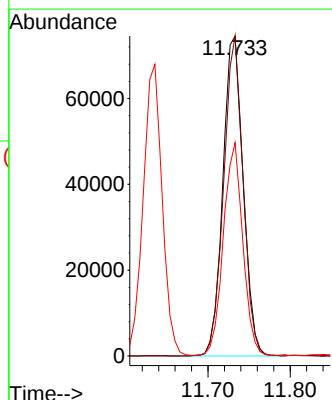
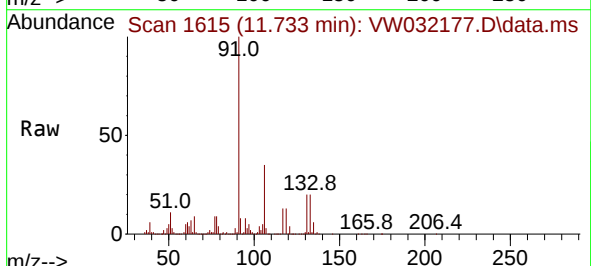
Tgt Ion:131 Resp: 128079

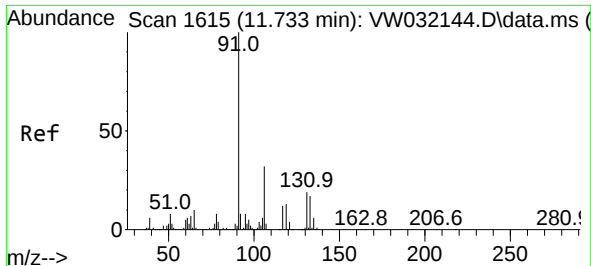
Ion Ratio Lower Upper

131 100

133 95.7 47.7 143.1

119 63.9 32.8 98.3





#67

Ethyl Benzene

Concen: 48.315 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. -0.000 min

Lab File: VW032177.D

Acq: 15 Sep 2025 16:32

Instrument :

MSVOA_W

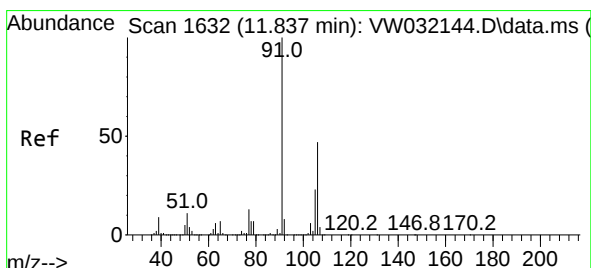
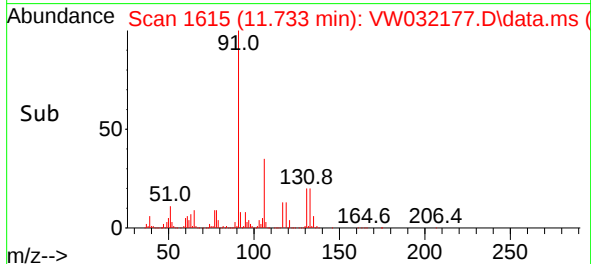
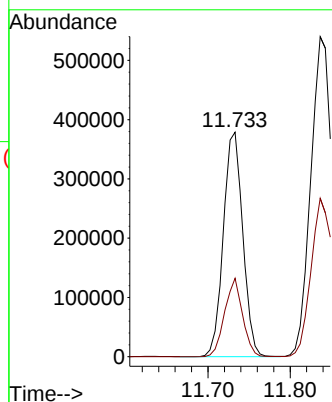
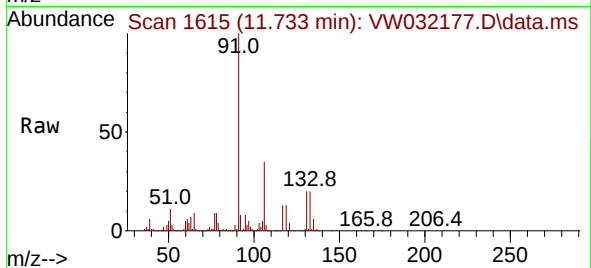
ClientSampleId :

Tgt Ion: 91 Resp: 623471

Ion Ratio Lower Upper

91 100

106 35.0 25.3 37.9



#68

m/p-Xylenes

Concen: 99.919 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032177.D

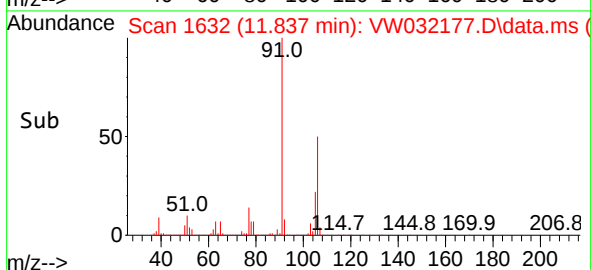
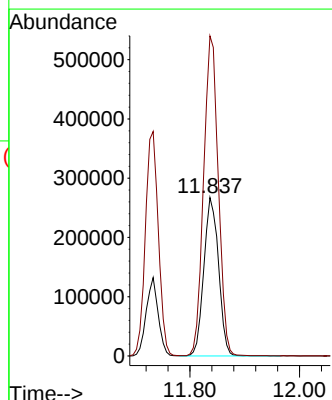
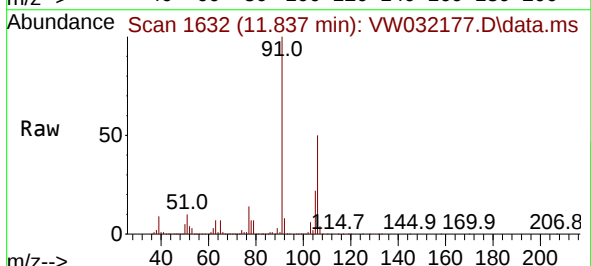
Acq: 15 Sep 2025 16:32

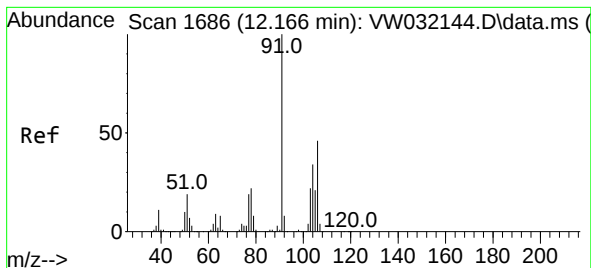
Tgt Ion:106 Resp: 496235

Ion Ratio Lower Upper

106 100

91 202.2 164.2 246.2

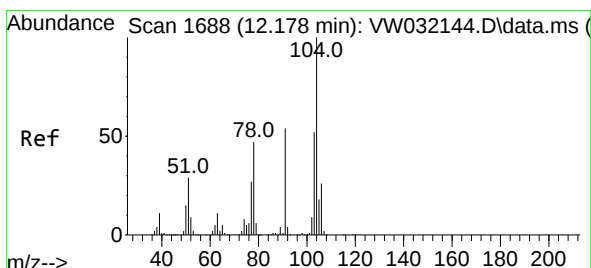
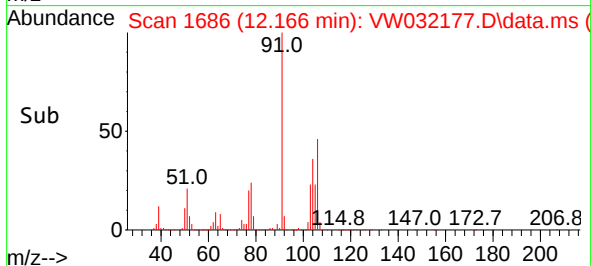
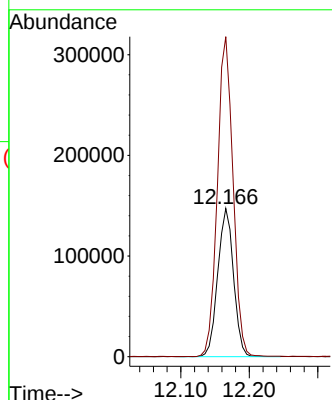
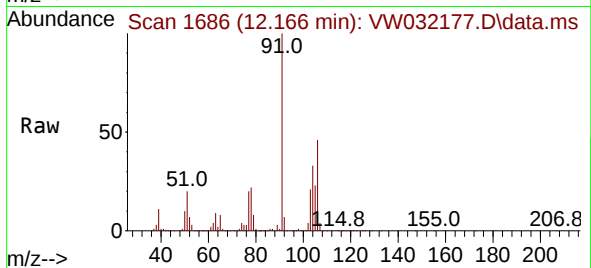




#69
o-Xylene
Concen: 49.988 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

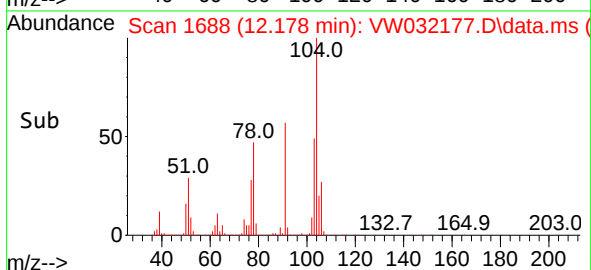
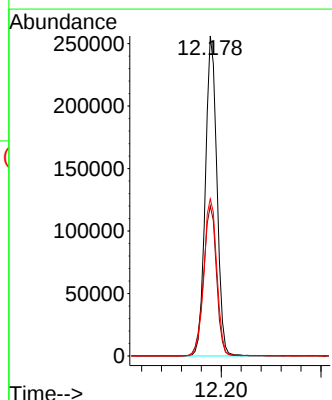
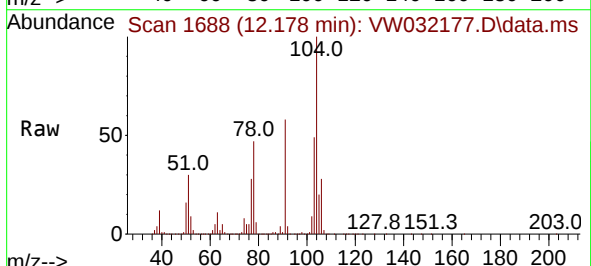
Instrument :
MSVOA_W
ClientSampleId :

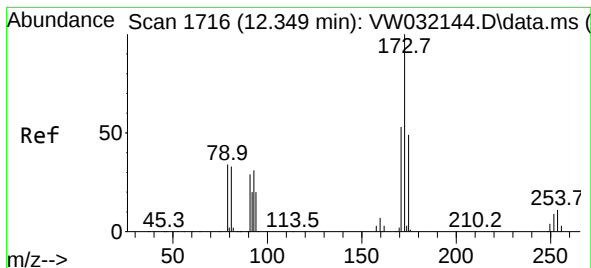
Tgt Ion:106 Resp: 234827
Ion Ratio Lower Upper
106 100
91 214.3 108.7 326.3



#70
Styrene
Concen: 49.942 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

Tgt Ion:104 Resp: 413569
Ion Ratio Lower Upper
104 100
78 52.1 41.6 62.4
103 54.6 44.8 67.2





#71

Bromoform

Concen: 50.704 ug/l

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

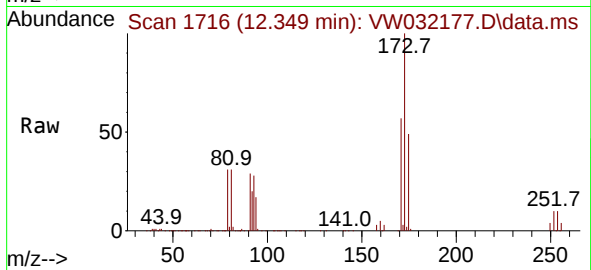
Lab File: VW032177.D

Acq: 15 Sep 2025 16:32

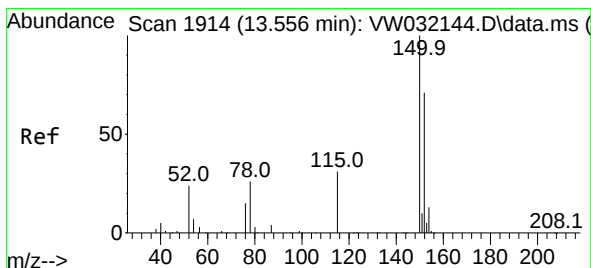
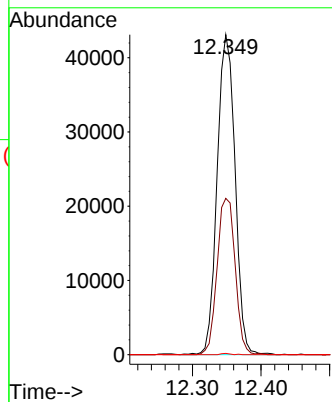
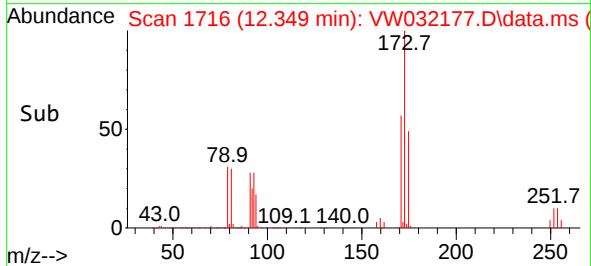
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	173	Resp:	78087
Ion Ratio	Lower	Upper	
173	100		
175	49.3	24.9	74.7
254	0.2	0.2	0.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

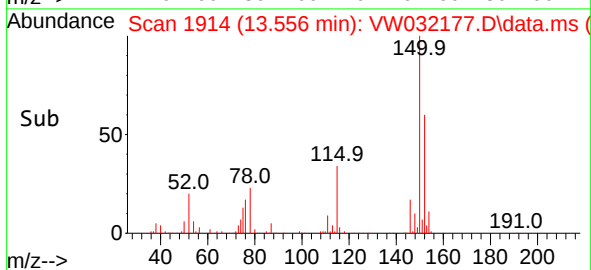
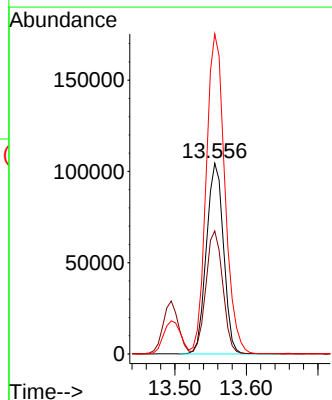
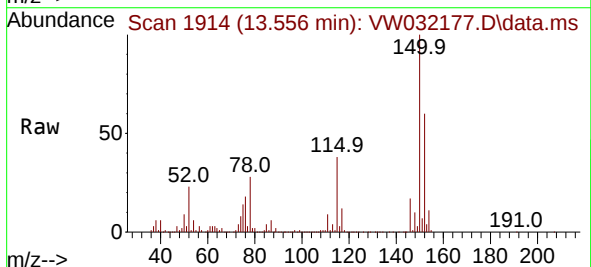
RT: 13.556 min Scan# 1914

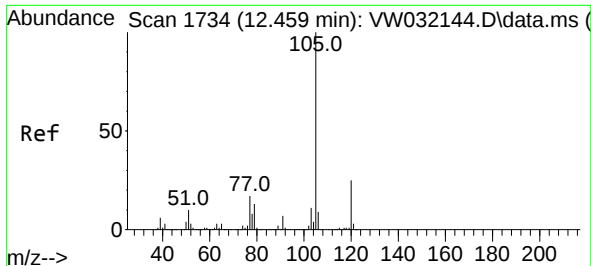
Delta R.T. -0.000 min

Lab File: VW032177.D

Acq: 15 Sep 2025 16:32

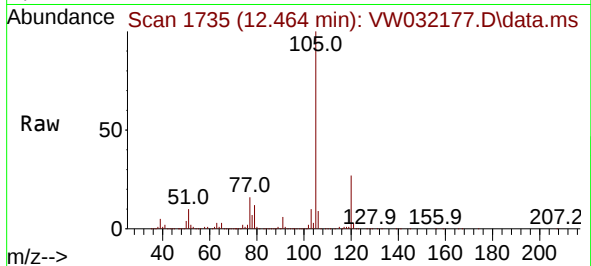
Tgt Ion:	152	Resp:	173668
Ion Ratio	Lower	Upper	
152	100		
115	63.4	31.8	95.4
150	182.5	0.0	343.0



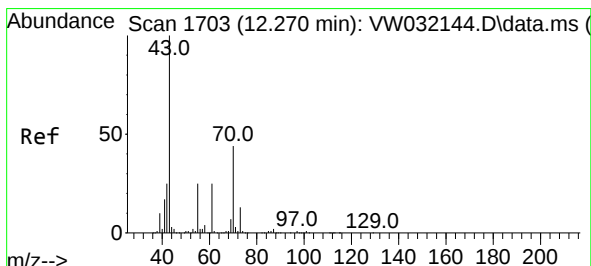
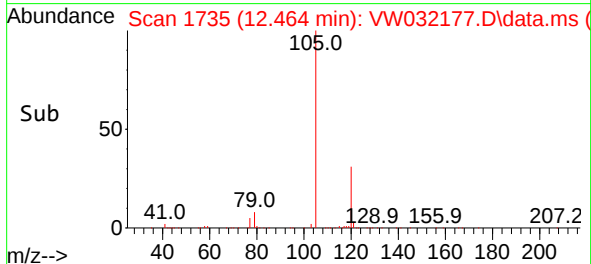
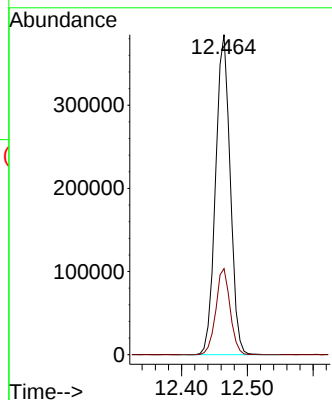


#73
Isopropylbenzene
Concen: 50.376 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

Instrument :
MSVOA_W
ClientSampleId :

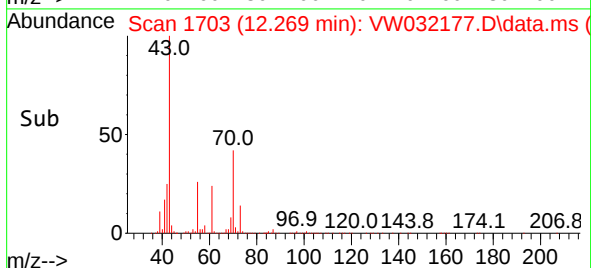
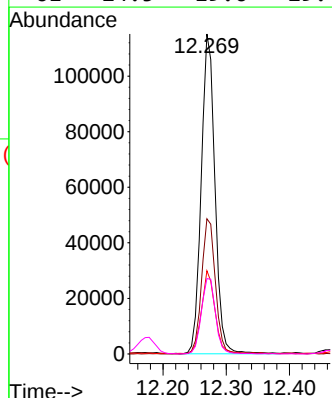
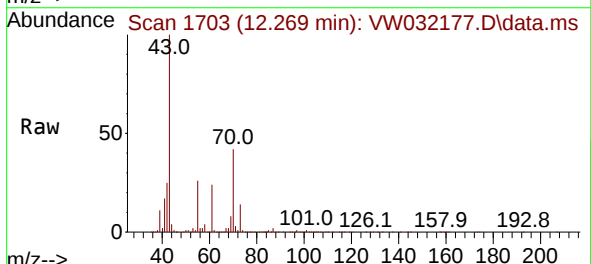


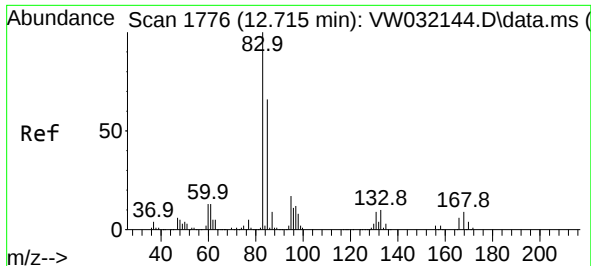
Tgt Ion:105 Resp: 594362
Ion Ratio Lower Upper
105 100
120 26.3 13.0 38.9



#74
N-ethyl acetate
Concen: 50.832 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

Tgt Ion: 43 Resp: 174121
Ion Ratio Lower Upper
43 100
70 42.6 35.3 52.9
55 25.4 19.9 29.9
61 24.5 19.6 29.4

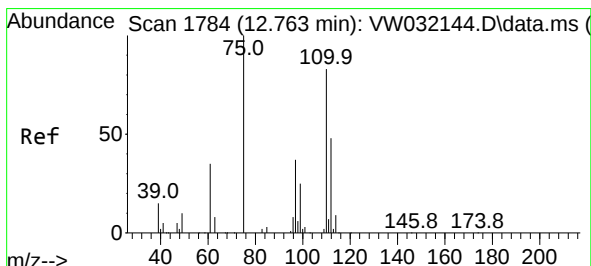
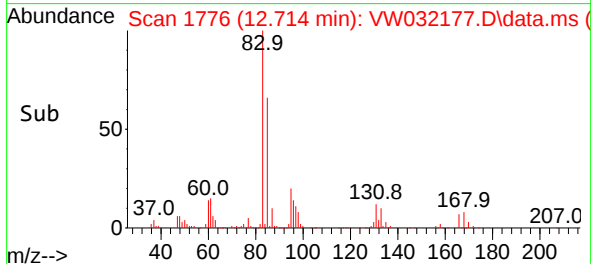
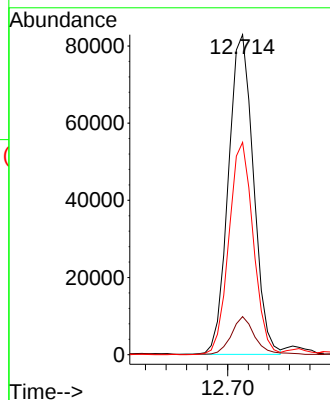
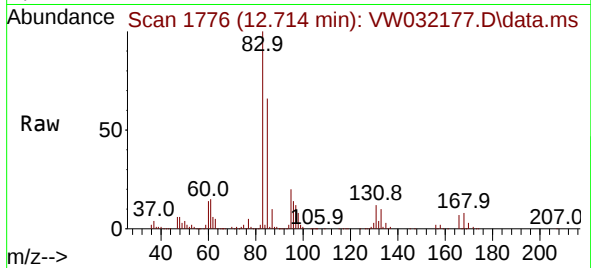




#75
1,1,2,2-Tetrachloroethane
Concen: 50.095 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

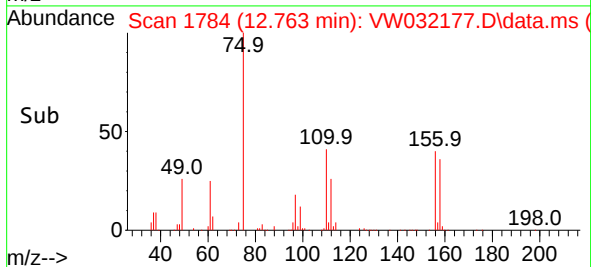
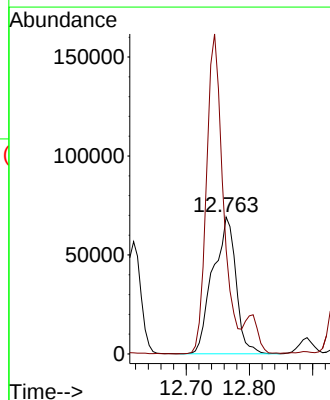
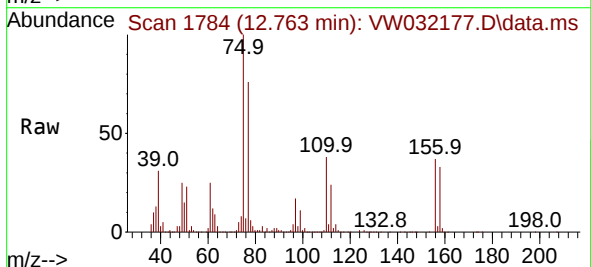
Instrument :
MSVOA_W
ClientSampleId :

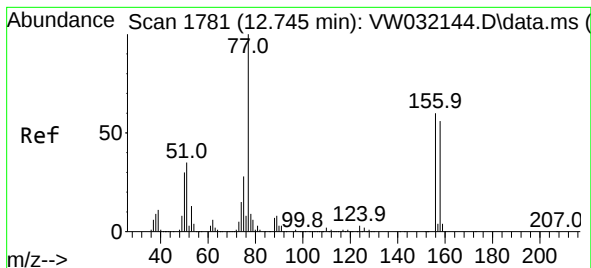
Tgt Ion: 83 Resp: 140463
Ion Ratio Lower Upper
83 100
131 11.2 5.1 15.4
85 64.7 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 80.472 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

Tgt Ion: 75 Resp: 175083
Ion Ratio Lower Upper
75 100
77 171.1 141.7 425.1





#77

Bromobenzene

Concen: 50.213 ug/l

RT: 12.745 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032177.D

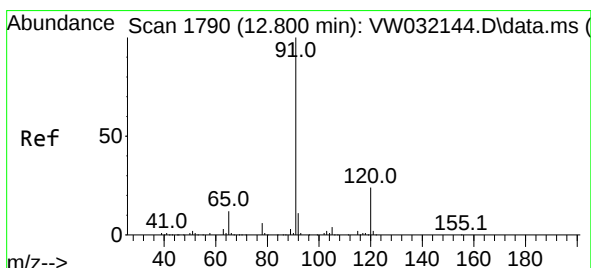
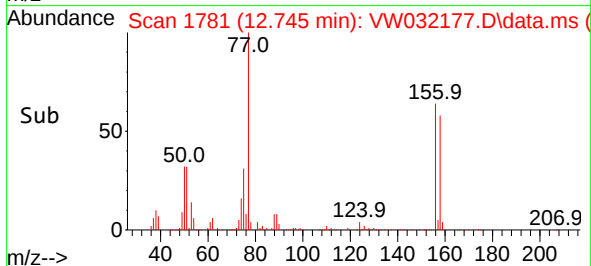
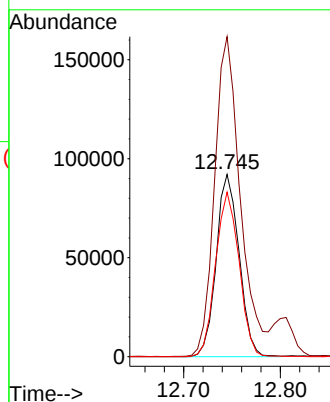
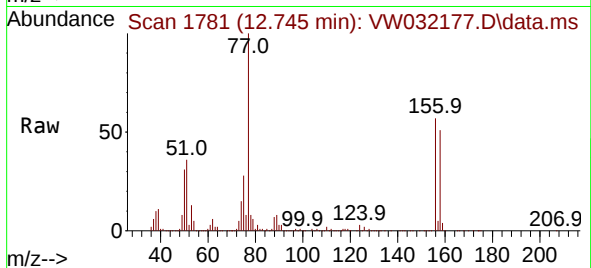
Acq: 15 Sep 2025 16:32

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	156	Resp:	151075
Ion Ratio	Lower	Upper	
156	100		
77	198.3	98.6	295.7
158	92.9	48.4	145.0



#78

n-propylbenzene

Concen: 50.271 ug/l

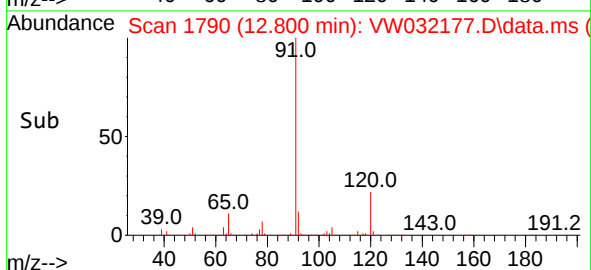
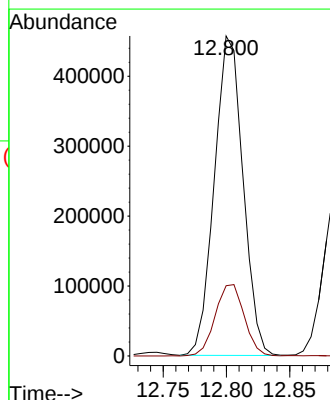
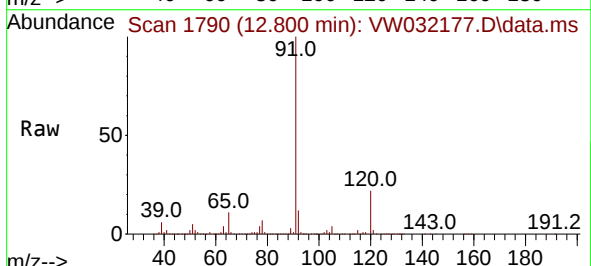
RT: 12.800 min Scan# 1790

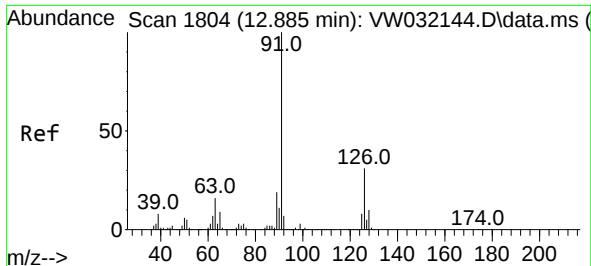
Delta R.T. -0.000 min

Lab File: VW032177.D

Acq: 15 Sep 2025 16:32

Tgt Ion:	91	Resp:	720089
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.8	35.4





#79

2-Chlorotoluene

Concen: 50.274 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VW032177.D

Acq: 15 Sep 2025 16:32

Instrument :

MSVOA_W

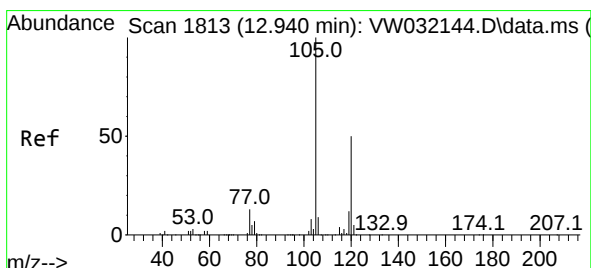
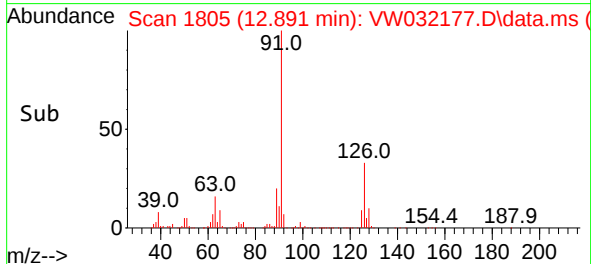
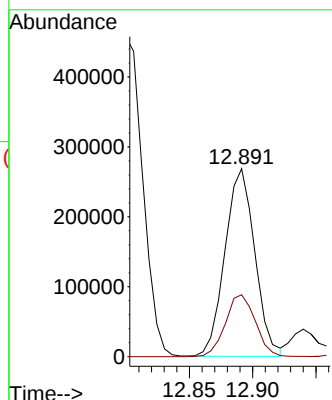
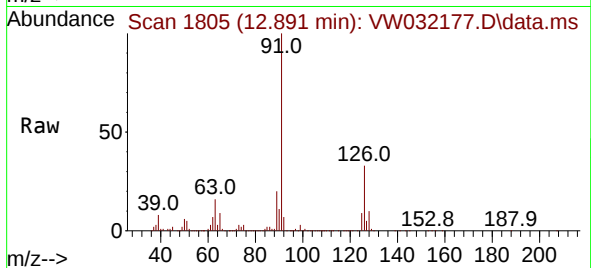
ClientSampleId :

Tgt Ion: 91 Resp: 440362

Ion Ratio Lower Upper

91 100

126 33.2 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 50.689 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW032177.D

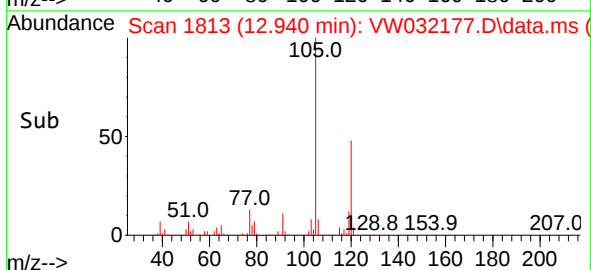
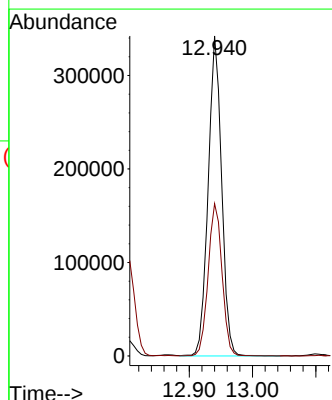
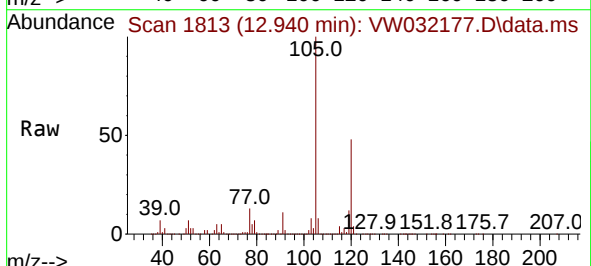
Acq: 15 Sep 2025 16:32

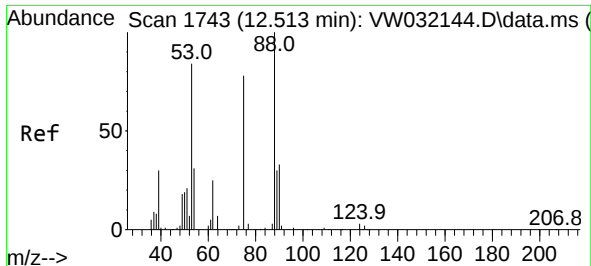
Tgt Ion:105 Resp: 506349

Ion Ratio Lower Upper

105 100

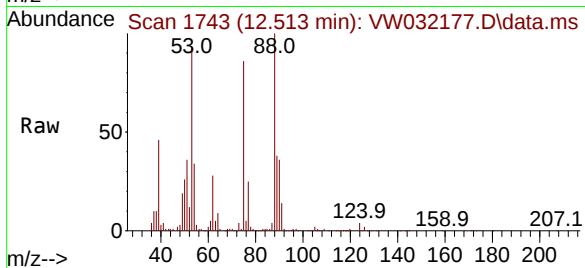
120 49.1 24.8 74.4



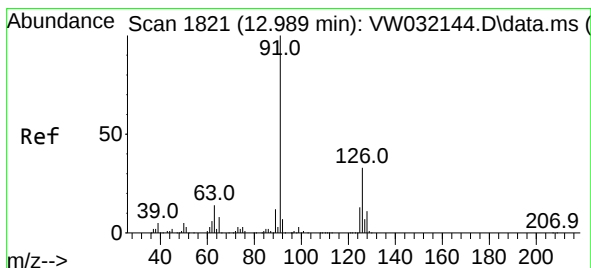
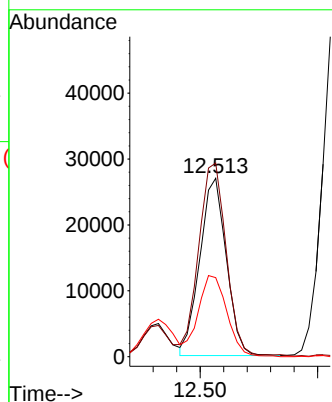
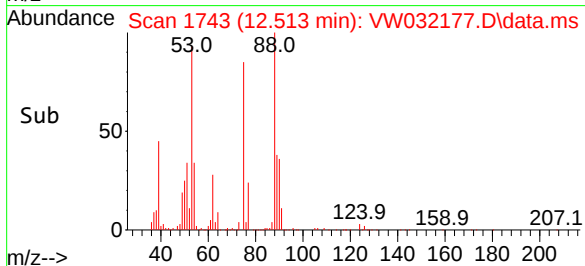


#81
trans-1,4-Dichloro-2-butene
Concen: 52.257 ug/l
RT: 12.513 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

Instrument :
MSVOA_W
ClientSampleId :

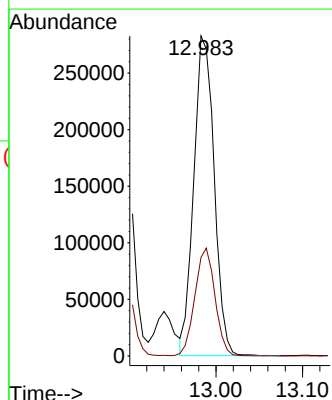
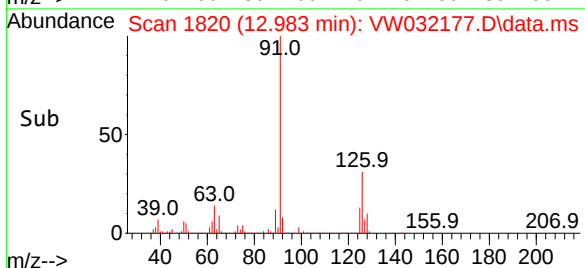
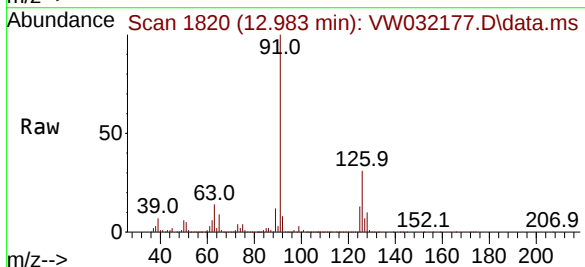


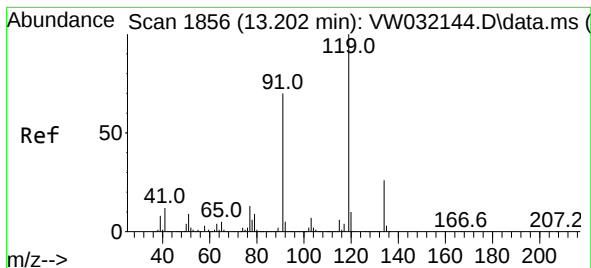
Tgt Ion: 75 Resp: 42228
Ion Ratio Lower Upper
75 100
53 114.5 91.0 136.6
89 50.0 39.4 59.2



#82
4-Chlorotoluene
Concen: 49.210 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

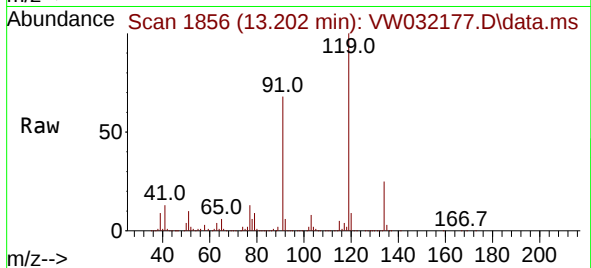
Tgt Ion: 91 Resp: 461400
Ion Ratio Lower Upper
91 100
126 33.4 16.1 48.2



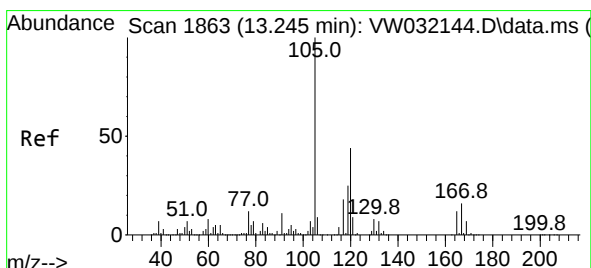
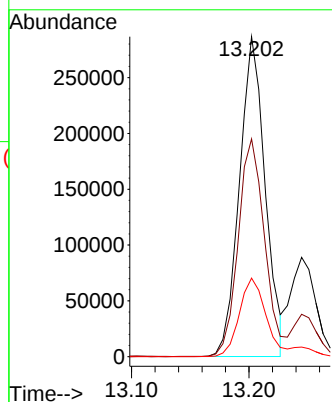
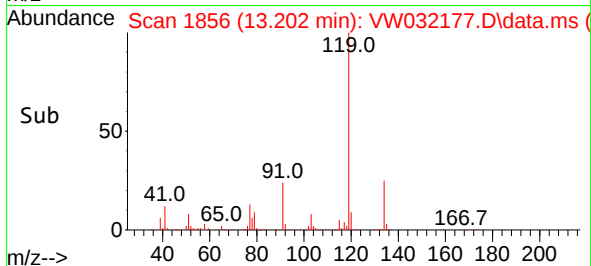


#83
tert-Butylbenzene
Concen: 51.516 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

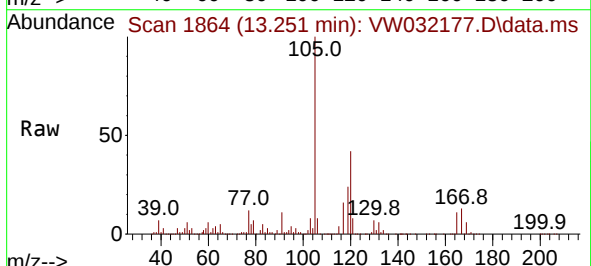
Instrument :
MSVOA_W
ClientSampleId :



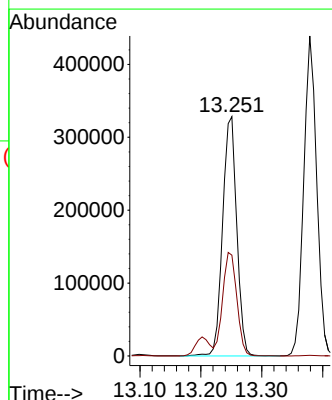
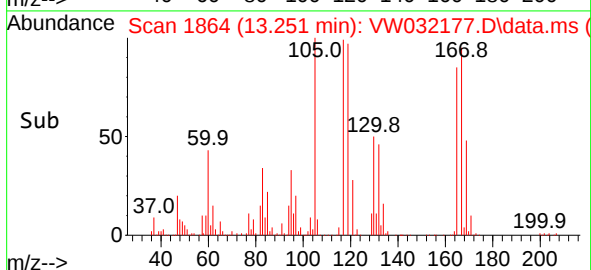
Tgt Ion:119 Resp: 436328
Ion Ratio Lower Upper
119 100
91 70.4 33.8 101.3
134 25.4 12.5 37.5

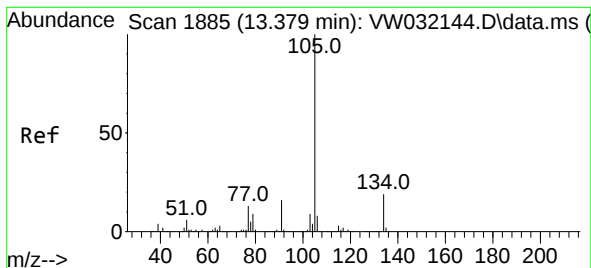


#84
1,2,4-Trimethylbenzene
Concen: 51.050 ug/l
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32



Tgt Ion:105 Resp: 527587
Ion Ratio Lower Upper
105 100
120 43.4 22.1 66.3





#85

sec-Butylbenzene

Concen: 51.206 ug/l

RT: 13.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032177.D

Acq: 15 Sep 2025 16:32

Instrument :

MSVOA_W

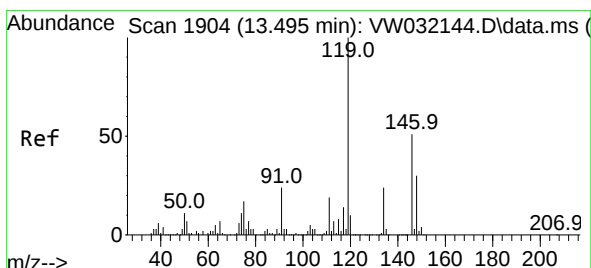
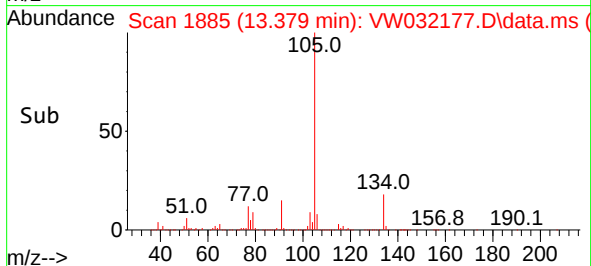
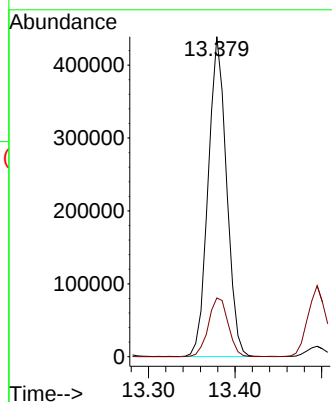
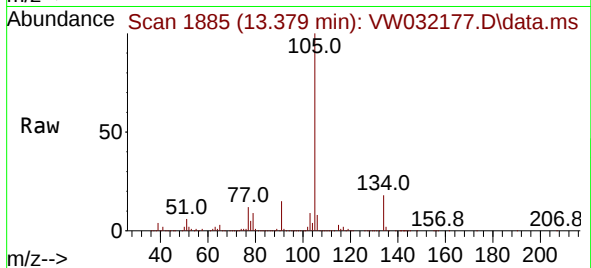
ClientSampleId :

Tgt Ion:105 Resp: 647538

Ion Ratio Lower Upper

105 100

134 19.8 10.1 30.1



#86

p-Isopropyltoluene

Concen: 49.532 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032177.D

Acq: 15 Sep 2025 16:32

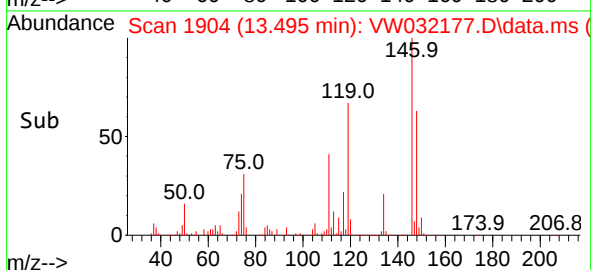
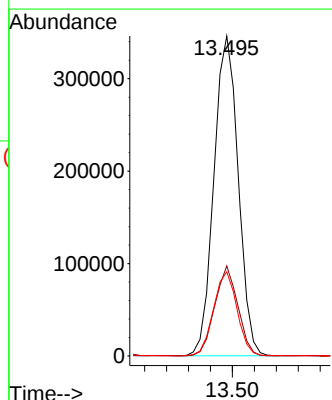
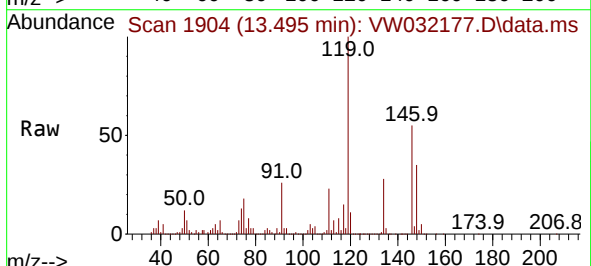
Tgt Ion:119 Resp: 532674

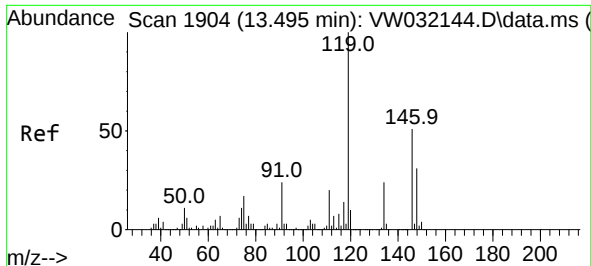
Ion Ratio Lower Upper

119 100

134 26.6 12.6 37.6

91 25.4 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 50.894 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032177.D

Acq: 15 Sep 2025 16:32

Instrument :

MSVOA_W

ClientSampleId :

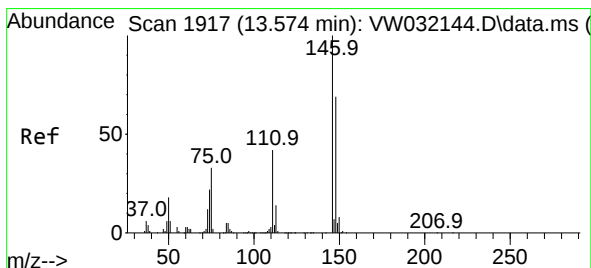
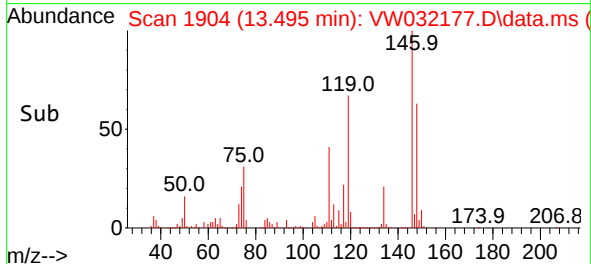
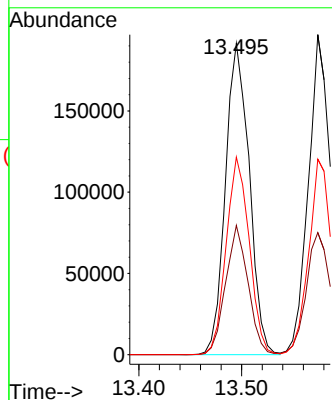
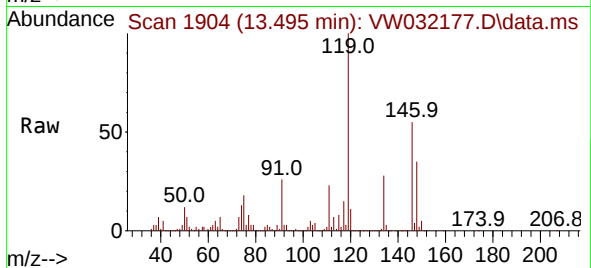
Tgt Ion:146 Resp: 308311

Ion Ratio Lower Upper

146 100

111 39.3 20.6 61.9

148 61.7 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 48.828 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032177.D

Acq: 15 Sep 2025 16:32

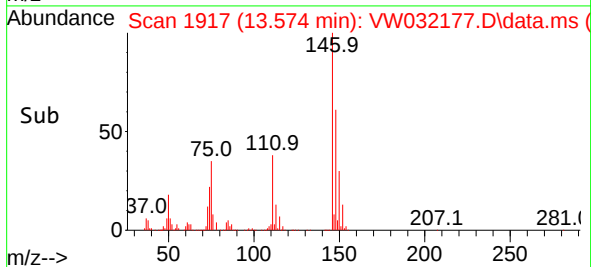
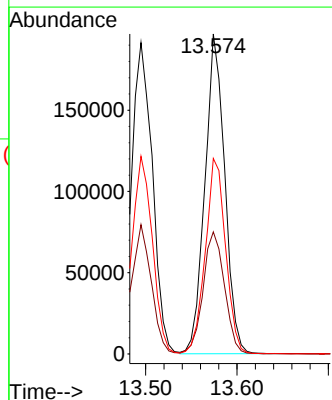
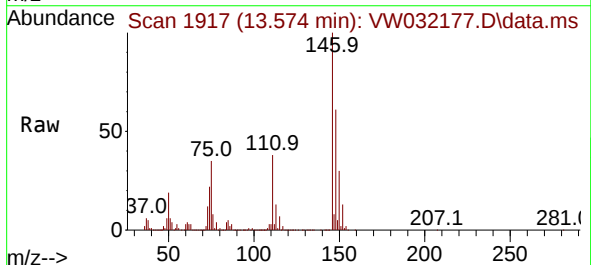
Tgt Ion:146 Resp: 296489

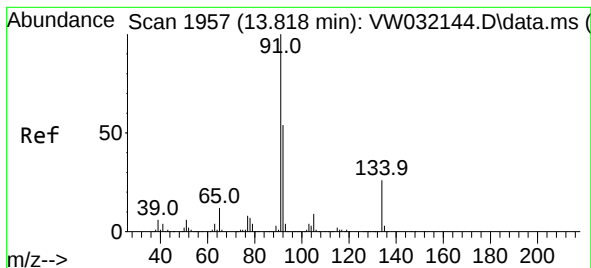
Ion Ratio Lower Upper

146 100

111 41.1 21.3 63.7

148 62.6 33.4 100.1





#89

n-Butylbenzene

Concen: 51.816 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW032177.D

Acq: 15 Sep 2025 16:32

Instrument :

MSVOA_W

ClientSampleId :

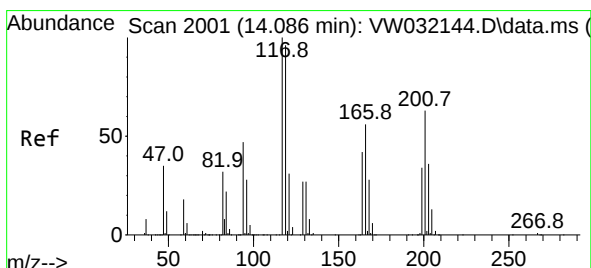
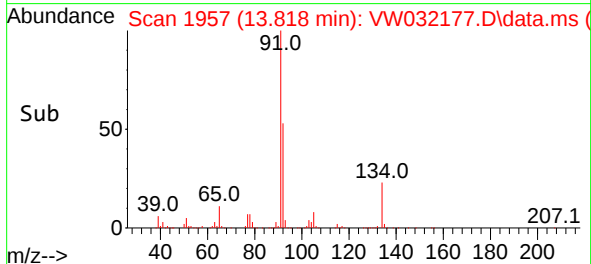
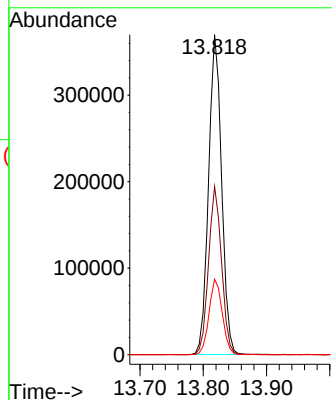
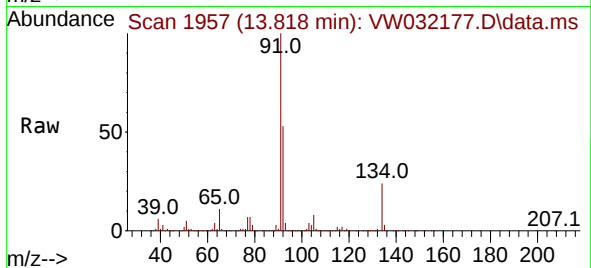
Tgt Ion: 91 Resp: 531257

Ion Ratio Lower Upper

91 100

92 52.5 27.0 81.0

134 24.0 13.1 39.3



#90

Hexachloroethane

Concen: 50.348 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. -0.000 min

Lab File: VW032177.D

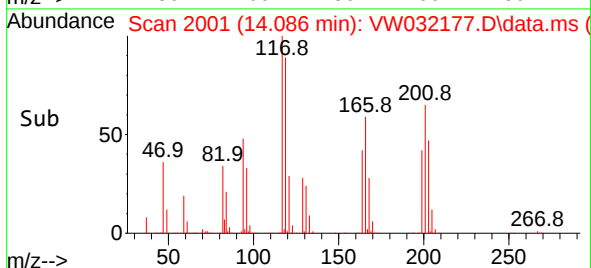
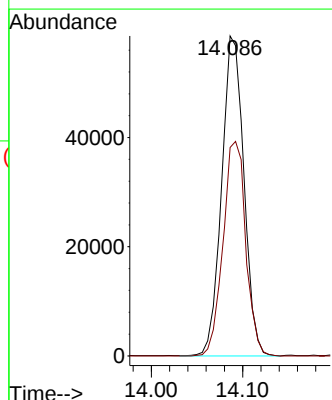
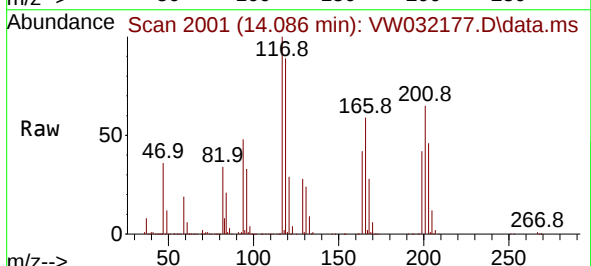
Acq: 15 Sep 2025 16:32

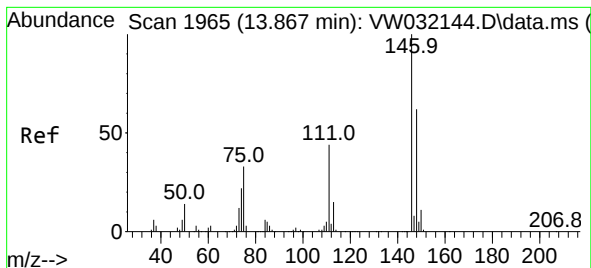
Tgt Ion: 117 Resp: 99039

Ion Ratio Lower Upper

117 100

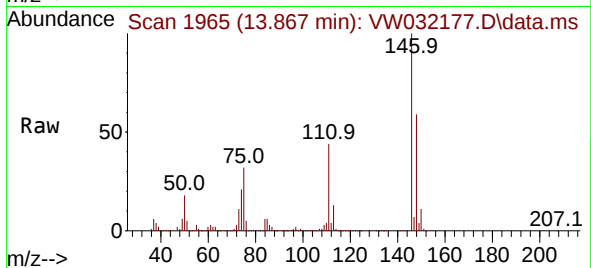
201 68.5 32.8 98.4



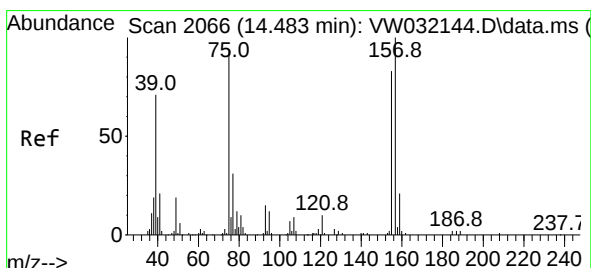
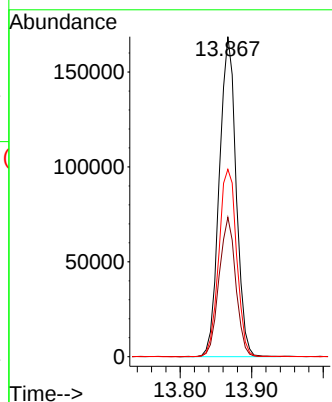
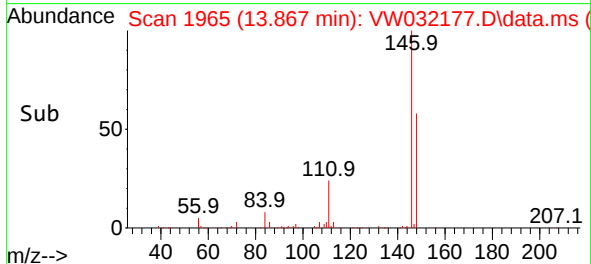


#91
1,2-Dichlorobenzene
Concen: 51.272 ug/l
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

Instrument :
MSVOA_W
ClientSampleId :

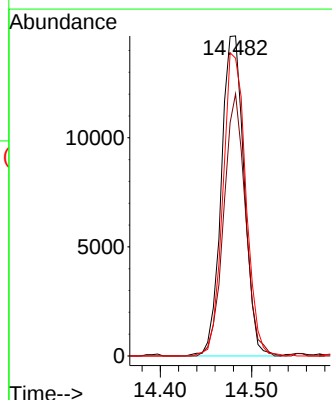
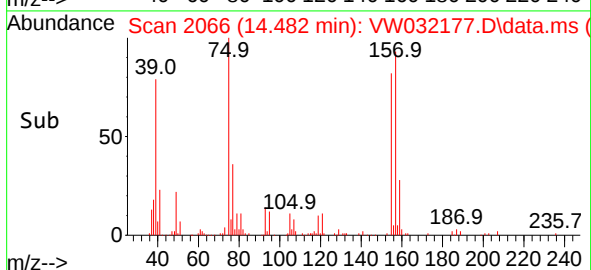
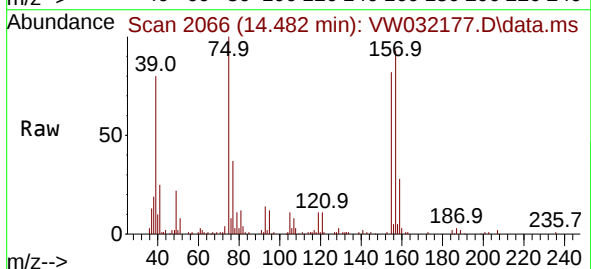


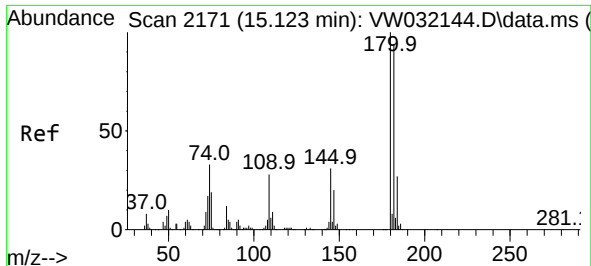
Tgt Ion:146 Resp: 274998
Ion Ratio Lower Upper
146 100
111 43.4 23.4 70.0
148 62.0 34.1 102.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.378 ug/l
RT: 14.482 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

Tgt Ion: 75 Resp: 25450
Ion Ratio Lower Upper
75 100
155 77.9 40.8 122.5
157 95.3 51.8 155.4

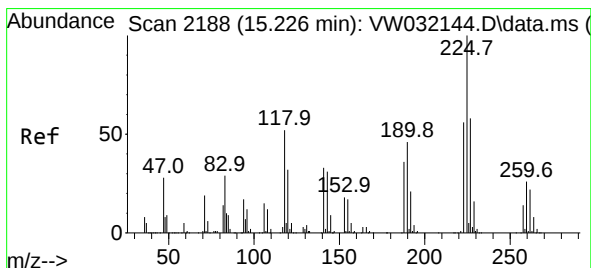
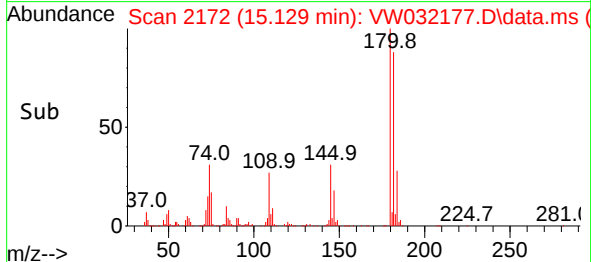
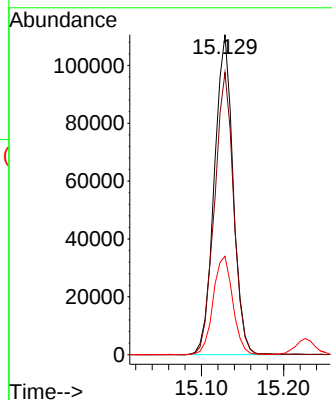
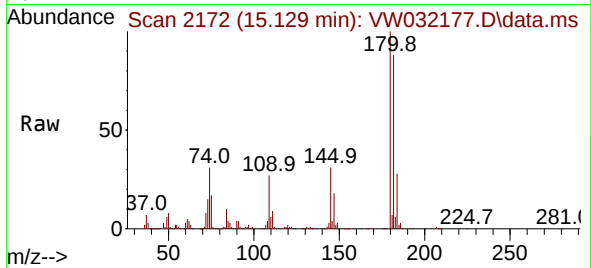




#93
1,2,4-Trichlorobenzene
Concen: 51.275 ug/l
RT: 15.129 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

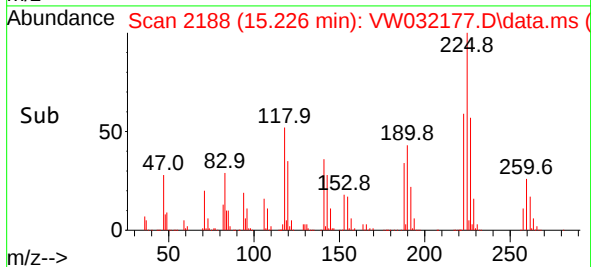
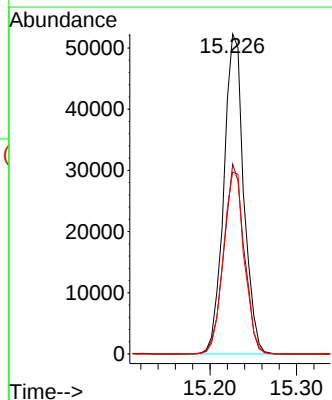
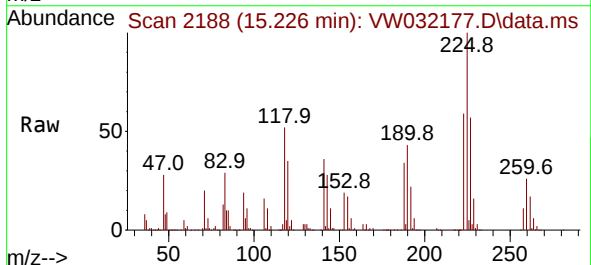
Instrument :
MSVOA_W
ClientSampleId :

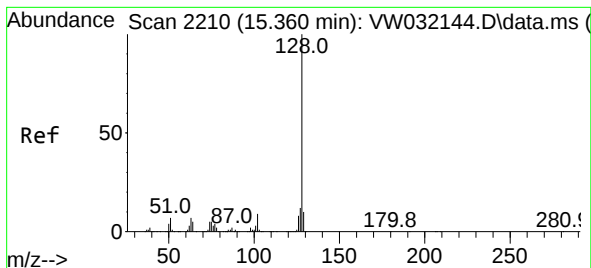
Tgt Ion:180 Resp: 175707
Ion Ratio Lower Upper
180 100
182 89.8 47.4 142.2
145 32.0 16.4 49.1



#94
Hexachlorobutadiene
Concen: 49.174 ug/l
RT: 15.226 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VW032177.D
Acq: 15 Sep 2025 16:32

Tgt Ion:225 Resp: 83572
Ion Ratio Lower Upper
225 100
223 60.7 29.8 89.3
227 60.0 30.5 91.5





#95

Naphthalene

Concen: 51.697 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

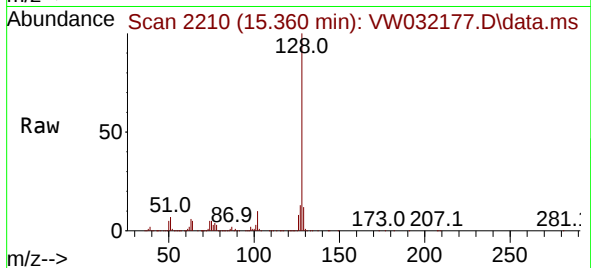
Lab File: VW032177.D

Acq: 15 Sep 2025 16:32

Instrument :

MSVOA_W

ClientSampleId :



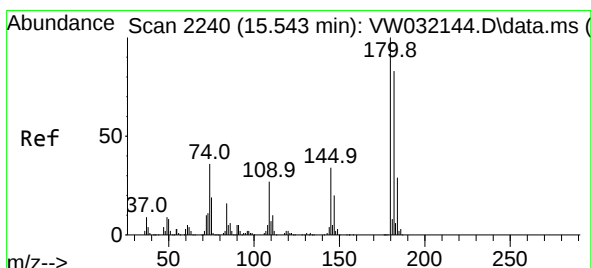
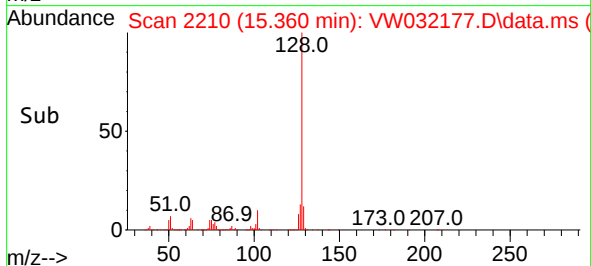
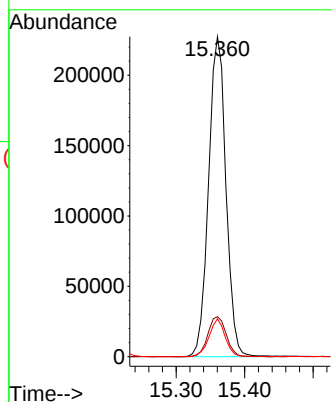
Tgt Ion:128 Resp: 400925

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 49.606 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW032177.D

Acq: 15 Sep 2025 16:32

Tgt Ion:180 Resp: 158088

Ion Ratio Lower Upper

180 100

182 92.4 47.7 143.1

145 35.0 17.2 51.6

