

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
 Data File : VW032221.D
 Acq On : 19 Sep 2025 17:17
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 19 23:13:21 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	185005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	325048	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	308824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	152566	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	138892	52.495	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 104.980%	
35) Dibromofluoromethane	7.898	113	116945	51.280	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 102.560%	
50) Toluene-d8	10.325	98	406688	50.800	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 101.600%	
62) 4-Bromofluorobenzene	12.617	95	149722	50.575	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 101.160%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.040	85	52923	43.328	ug/l	88
3) Chloromethane	2.259	50	63143	49.305	ug/l	96
4) Vinyl Chloride	2.405	62	95231	57.251	ug/l	99
5) Bromomethane	2.826	94	78851	53.084	ug/l	98
6) Chloroethane	2.972	64	63394	54.117	ug/l	97
7) Trichlorofluoromethane	3.308	101	89338	54.206	ug/l	90
8) Diethyl Ether	3.722	74	62648	50.936	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.100	101	98500	53.053	ug/l	98
10) Methyl Iodide	4.307	142	153111	54.160	ug/l	98
11) Tert butyl alcohol	5.216	59	38739	239.370	ug/l	99
12) 1,1-Dichloroethene	4.076	96	101491	51.906	ug/l	99
13) Acrolein	3.936	56	11992	48.205	ug/l	98
14) Allyl chloride	4.710	41	144825	52.145	ug/l	99
15) Acrylonitrile	5.405	53	159932	267.457	ug/l	100
16) Acetone	4.161	43	129100	225.303	ug/l	97
17) Carbon Disulfide	4.423	76	236700	48.401	ug/l	100
18) Methyl Acetate	4.710	43	116246	63.672	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	204734	55.450	ug/l	96
20) Methylene Chloride	4.960	84	137369	59.759	ug/l	96
21) trans-1,2-Dichloroethene	5.460	96	112657	51.577	ug/l	93
22) Diisopropyl ether	6.344	45	339933	56.236	ug/l	97
23) Vinyl Acetate	6.283	43	1076028	261.821	ug/l	98
24) 1,1-Dichloroethane	6.252	63	209845	53.027	ug/l	99
25) 2-Butanone	7.197	43	214105	263.686	ug/l	98
26) 2,2-Dichloropropane	7.191	77	110996	52.965	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	139101	52.335	ug/l	98
28) Bromochloromethane	7.533	49	100465	55.458	ug/l	95
29) Tetrahydrofuran	7.551	42	139548	270.454	ug/l	100
30) Chloroform	7.697	83	242483	53.668	ug/l	98
31) Cyclohexane	7.971	56	156566	48.203	ug/l	96
32) 1,1,1-Trichloroethane	7.892	97	175499	53.210	ug/l	99
36) 1,1-Dichloropropene	8.099	75	151974	51.397	ug/l	99
37) Ethyl Acetate	7.276	43	91051	51.331	ug/l	98
38) Carbon Tetrachloride	8.081	117	159624	50.358	ug/l	97
39) Methylcyclohexane	9.343	83	181282	51.761	ug/l	99
40) Benzene	8.337	78	471347	51.569	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	51579	52.338	ug/l	96
42) 1,2-Dichloroethane	8.410	62	164896	52.042	ug/l	99
43) Isopropyl Acetate	8.435	43	175365	52.699	ug/l	99
44) Trichloroethene	9.105	130	115002	50.033	ug/l	88
45) 1,2-Dichloropropane	9.374	63	114040	51.758	ug/l	97
46) Dibromomethane	9.465	93	80230	51.916	ug/l	95
47) Bromodichloromethane	9.654	83	183075	52.130	ug/l	98
48) Methyl methacrylate	9.441	41	82518	53.809	ug/l	97
49) 1,4-Dioxane	9.471	88	19331	1035.295	ug/l	97
51) 4-Methyl-2-Pentanone	10.215	43	513245	273.152	ug/l	98
52) Toluene	10.392	92	301649	50.504	ug/l	99
53) t-1,3-Dichloropropene	10.611	75	160783	51.897	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	182449	51.612	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	103675	51.590	ug/l	96
56) Ethyl methacrylate	10.648	69	138950	54.084	ug/l	99
57) 1,3-Dichloropropane	10.934	76	176488	52.450	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.928	63	356261	259.796	ug/l	99
59) 2-Hexanone	10.971	43	360959	276.221	ug/l	98
60) Dibromochloromethane	11.129	129	124048	51.013	ug/l	97
61) 1,2-Dibromoethane	11.239	107	102023	51.626	ug/l	95
64) Tetrachloroethene	10.867	164	92432	45.475	ug/l	88
65) Chlorobenzene	11.660	112	344439	49.001	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.733	131	113791	49.170	ug/l	99
67) Ethyl Benzene	11.733	91	589833	51.214	ug/l	100
68) m/p-Xylenes	11.837	106	446636	100.765	ug/l	96
69) o-Xylene	12.166	106	212396	50.659	ug/l	98
70) Styrene	12.178	104	388035	52.503	ug/l	98
71) Bromoform	12.343	173	67381	49.023	ug/l #	96
73) Isopropylbenzene	12.465	105	539996	52.099	ug/l	99
74) N-amyl acetate	12.269	43	160490	53.333	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.715	83	129776	52.686	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	160885	84.174	ug/l	41
77) Bromobenzene	12.745	156	133828	50.633	ug/l	96
78) n-propylbenzene	12.800	91	683657	54.329	ug/l	98
79) 2-Chlorotoluene	12.891	91	409036	53.156	ug/l	100
80) 1,3,5-Trimethylbenzene	12.940	105	466537	53.164	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.513	75	36303	51.139	ug/l	98
82) 4-Chlorotoluene	12.989	91	420052	50.997	ug/l	99
83) tert-Butylbenzene	13.202	119	401216	53.922	ug/l	98
84) 1,2,4-Trimethylbenzene	13.245	105	489647	53.932	ug/l	97
85) sec-Butylbenzene	13.379	105	593332	53.409	ug/l	98
86) p-Isopropyltoluene	13.495	119	501243	53.056	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	266531	50.082	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	272422	51.069	ug/l	96
89) n-Butylbenzene	13.818	91	490637	54.473	ug/l	97
90) Hexachloroethane	14.092	117	88442	51.180	ug/l	98
91) 1,2-Dichlorobenzene	13.867	146	240373	51.015	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.476	75	22312	51.274	ug/l	91
93) 1,2,4-Trichlorobenzene	15.129	180	153901	51.123	ug/l	95
94) Hexachlorobutadiene	15.226	225	63052	42.231	ug/l	92
95) Naphthalene	15.360	128	358500	52.620	ug/l	98
96) 1,2,3-Trichlorobenzene	15.549	180	135332	48.339	ug/l	99

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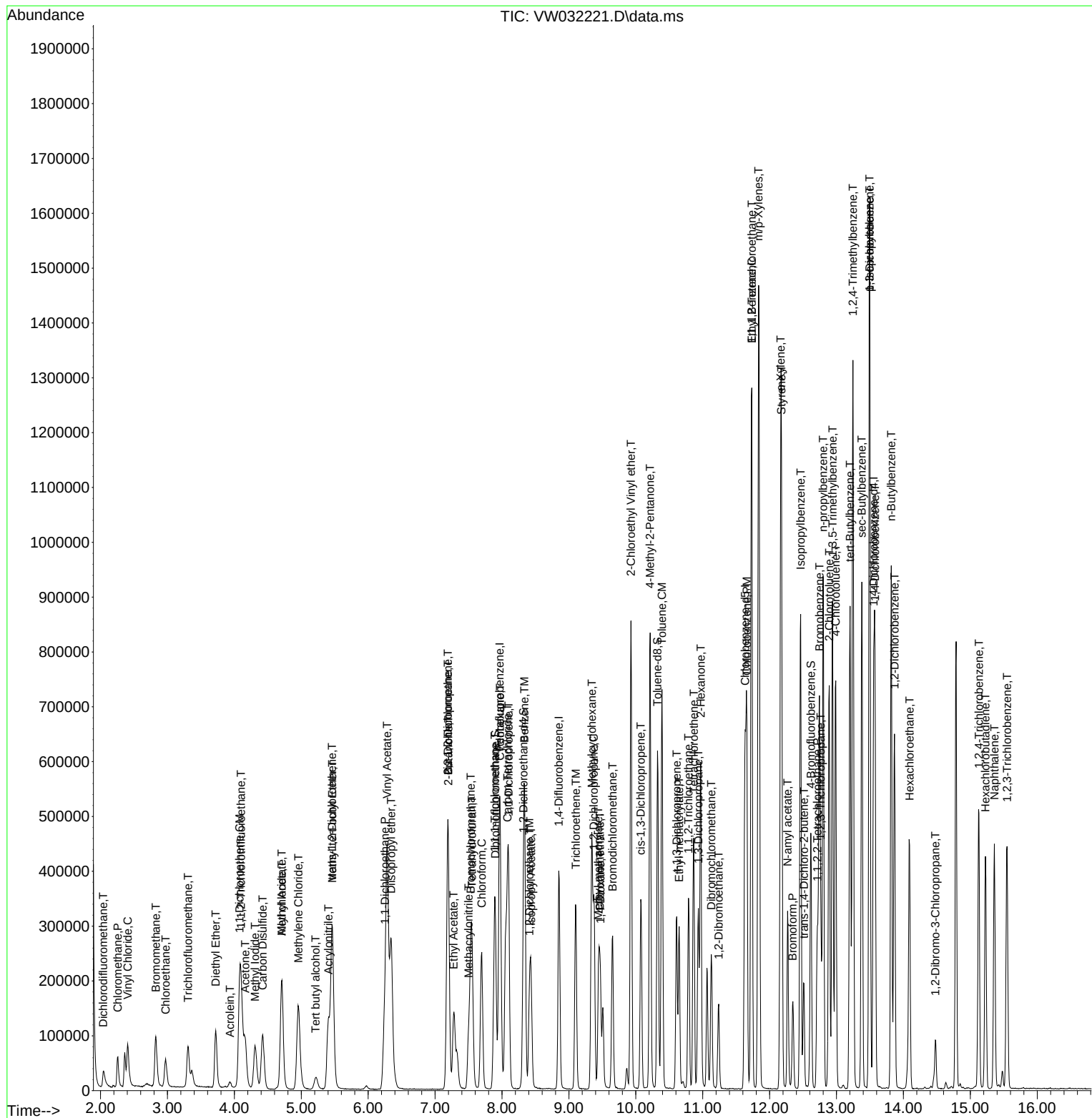
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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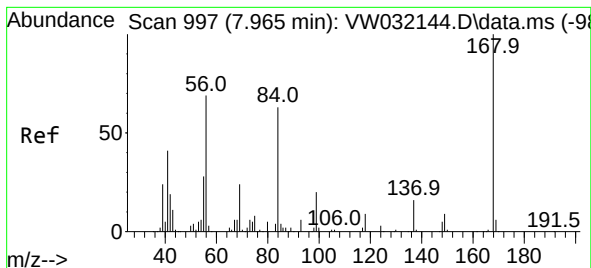
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW032221.D

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Instrument :

MSVOA_W

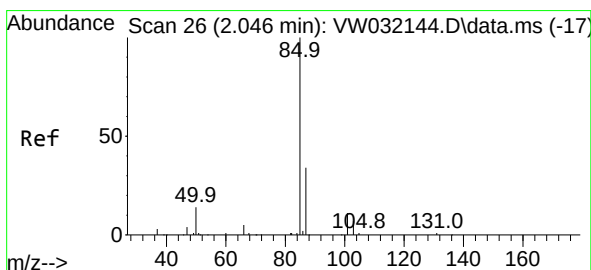
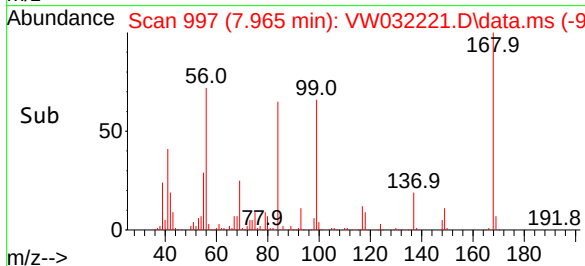
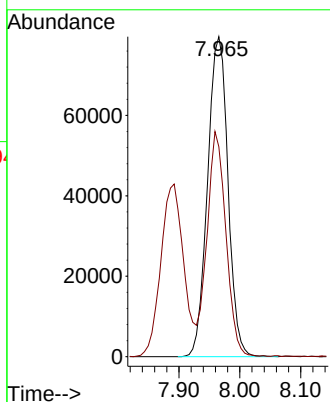
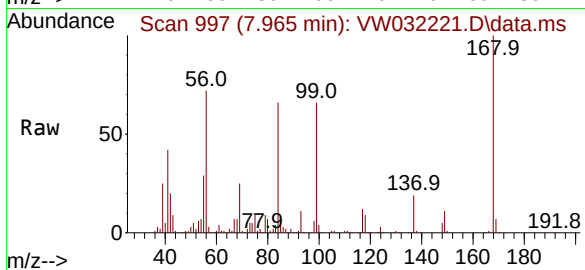
ClientSampleId :

Tgt Ion:168 Resp: 185005

Ion Ratio Lower Upper

168 100

99 65.3 49.3 73.9



#2

Dichlorodifluoromethane

Concen: 43.328 ug/l

RT: 2.040 min Scan# 25

Delta R.T. -0.006 min

Lab File: VW032221.D

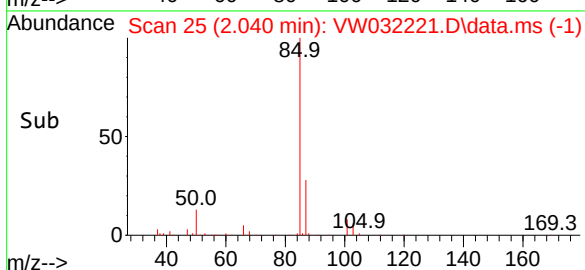
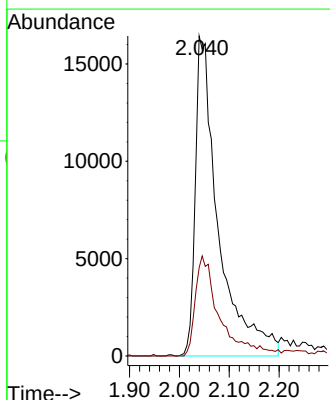
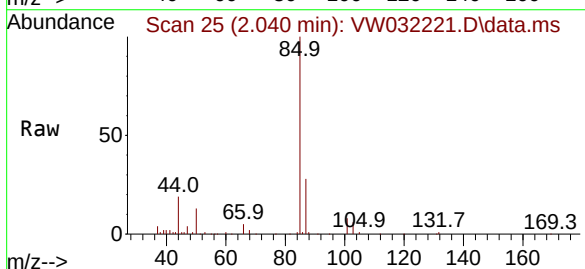
Acq: 19 Sep 2025 17:17

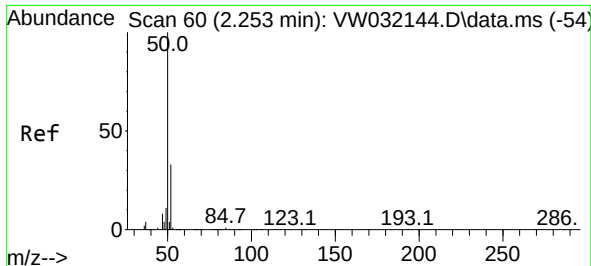
Tgt Ion: 85 Resp: 52923

Ion Ratio Lower Upper

85 100

87 27.6 17.2 51.6

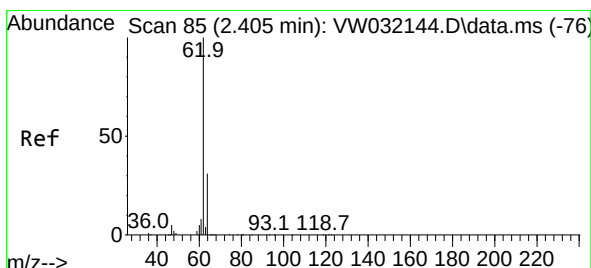
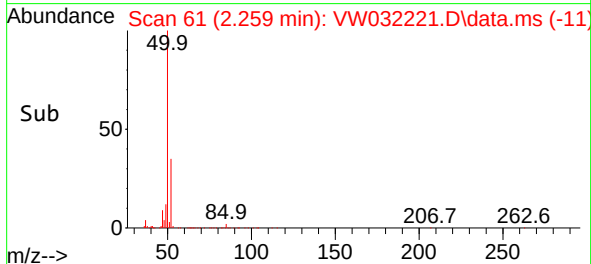
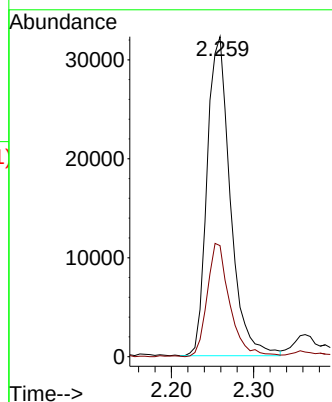
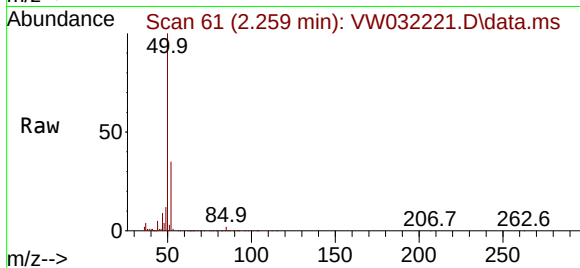




#3
Chloromethane
Concen: 49.305 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

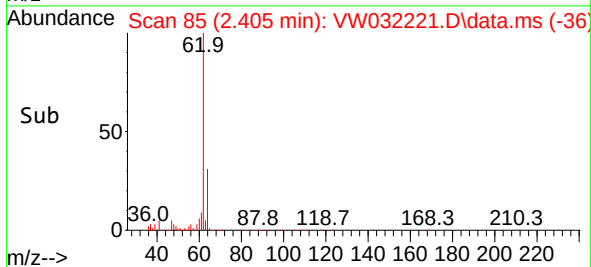
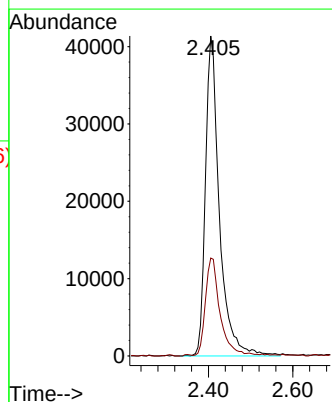
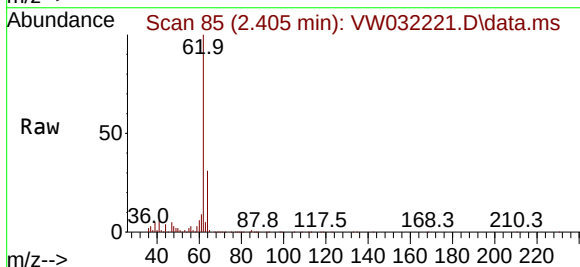
Instrument :
MSVOA_W
ClientSampleId :

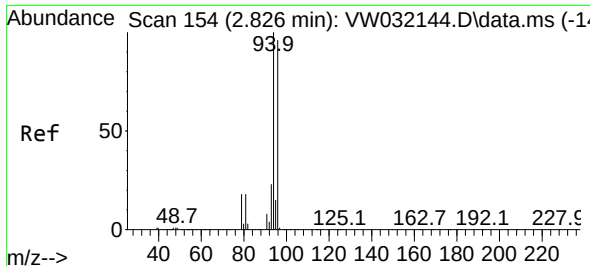
Tgt Ion: 50 Resp: 63143
Ion Ratio Lower Upper
50 100
52 34.7 26.1 39.1



#4
Vinyl Chloride
Concen: 57.251 ug/l
RT: 2.405 min Scan# 85
Delta R.T. -0.000 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

Tgt Ion: 62 Resp: 95231
Ion Ratio Lower Upper
62 100
64 30.6 24.8 37.2

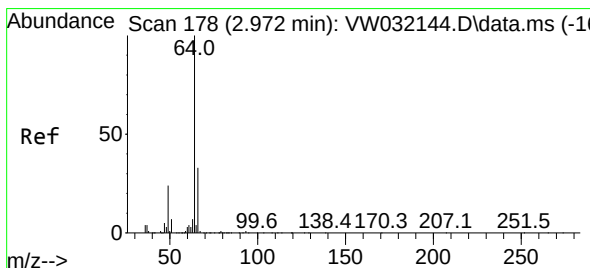
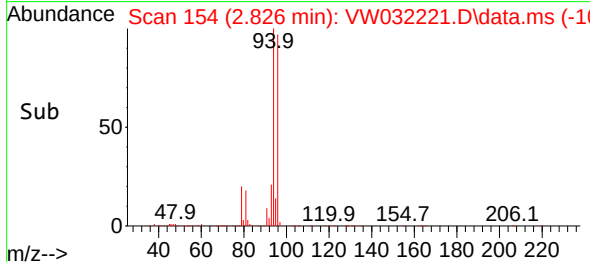
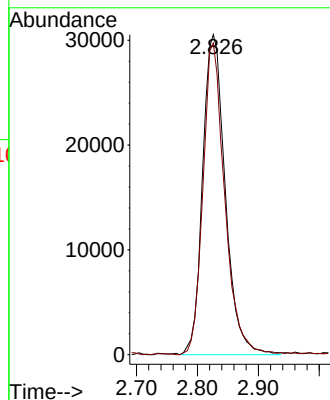
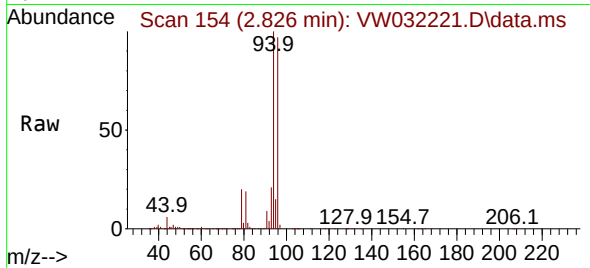




#5
Bromomethane
Concen: 53.084 ug/l
RT: 2.826 min Scan# 154
Delta R.T. -0.000 min
Lab File: VW032221.D
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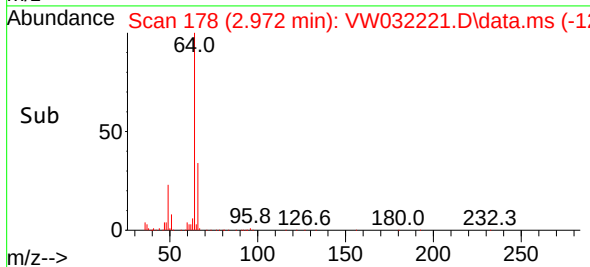
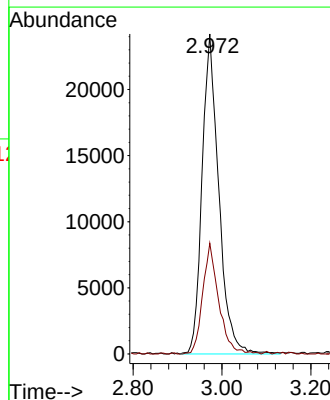
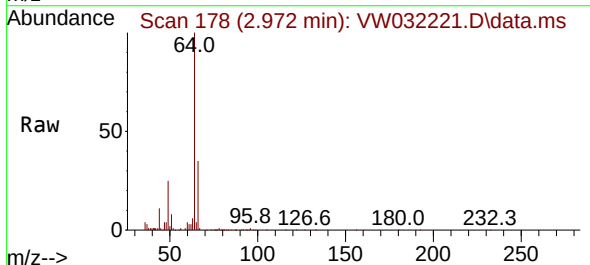
Instrument :
MSVOA_W
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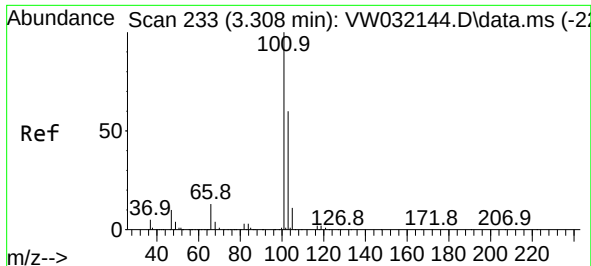
Tgt Ion: 94 Resp: 78851
Ion Ratio Lower Upper
94 100
96 97.3 76.6 115.0



#6
Chloroethane
Concen: 54.117 ug/l
RT: 2.972 min Scan# 178
Delta R.T. -0.000 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

Tgt Ion: 64 Resp: 63394
Ion Ratio Lower Upper
64 100
66 34.6 26.2 39.4

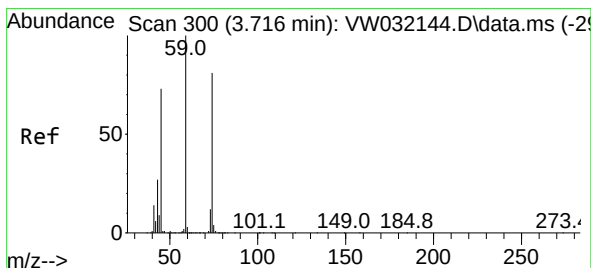
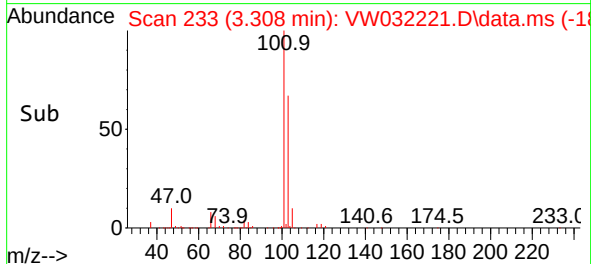
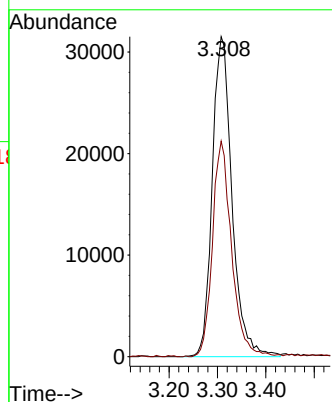
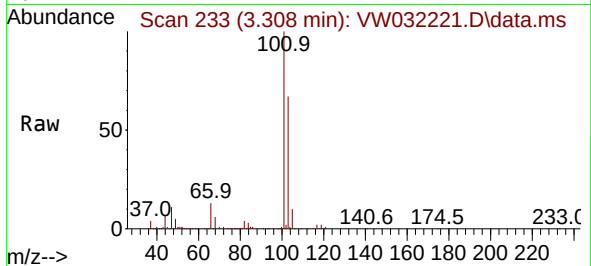




#7
 Trichlorofluoromethane
 Concen: 54.206 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW032221.D
 Acq: 19 Sep 2025 17:17

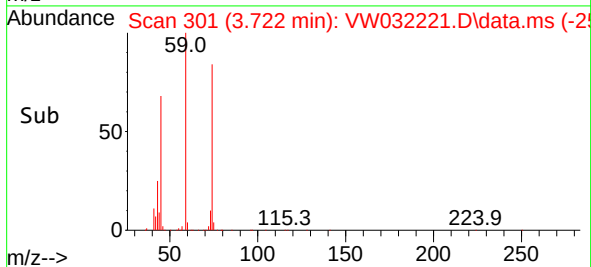
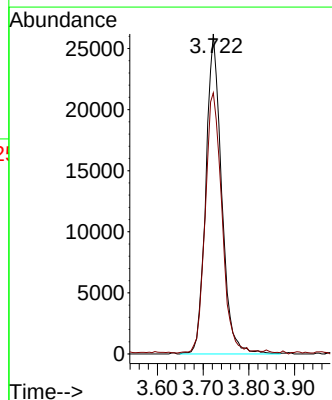
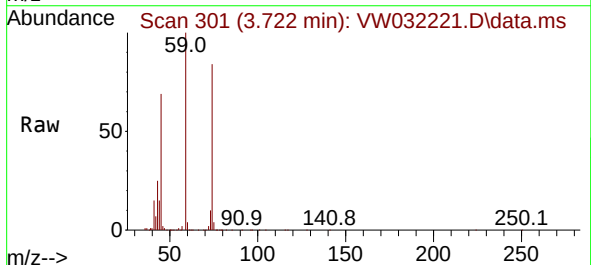
Instrument :
 MSVOA_W
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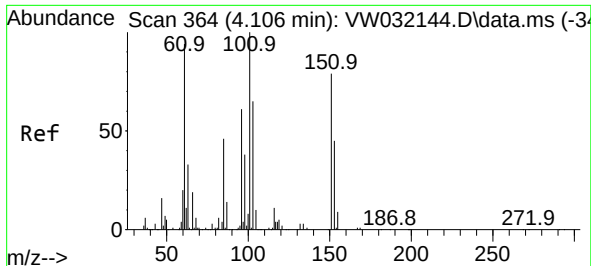
Tgt Ion:101 Resp: 89338
 Ion Ratio Lower Upper
 101 100
 103 67.4 47.8 71.8



#8
 Diethyl Ether
 Concen: 50.936 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 62648
 Ion Ratio Lower Upper
 74 100
 45 86.0 43.1 129.4

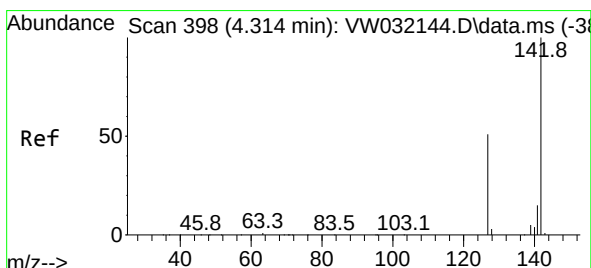
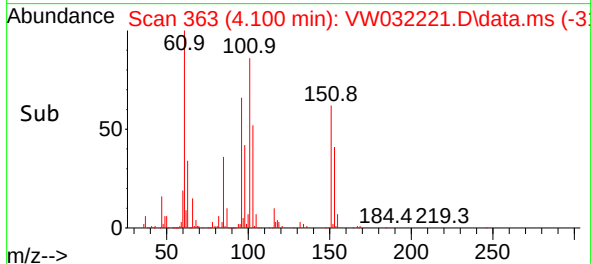
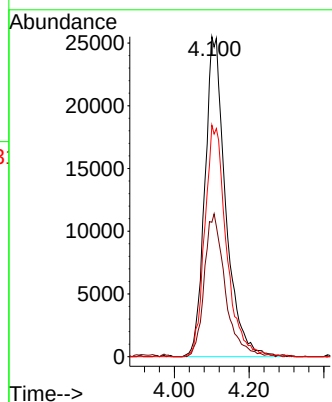
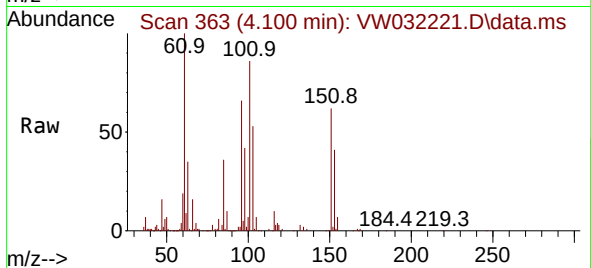




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.053 ug/l
RT: 4.100 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

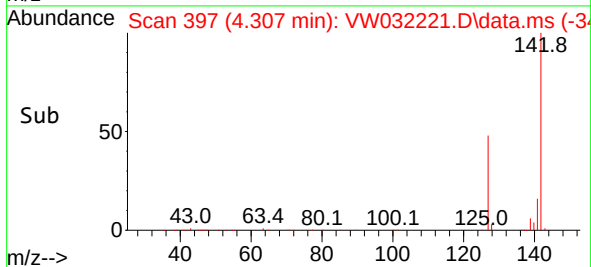
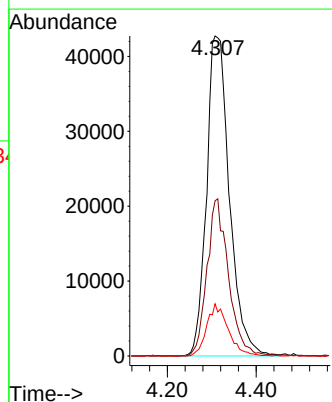
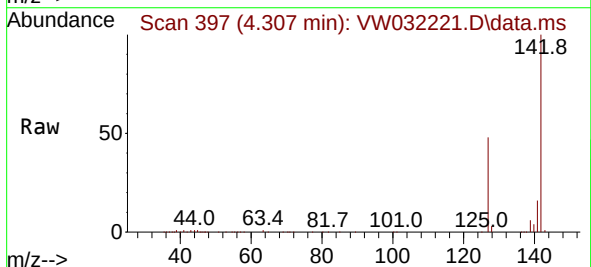
Instrument :
MSVOA_W
ClientSampleId :

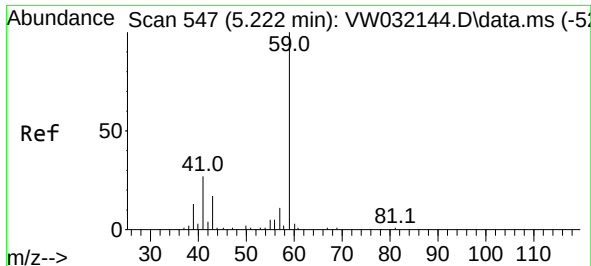
Tgt Ion:101 Resp: 98500
Ion Ratio Lower Upper
101 100
85 44.8 37.1 55.7
151 75.0 61.5 92.3



#10
Methyl Iodide
Concen: 54.160 ug/l
RT: 4.307 min Scan# 397
Delta R.T. -0.006 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

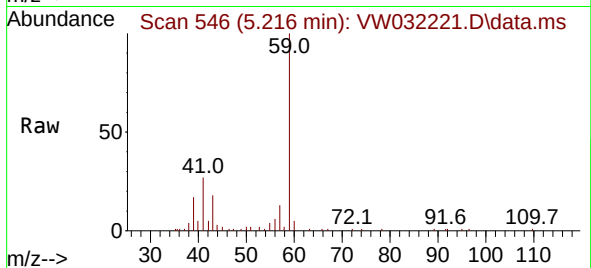
Tgt Ion:142 Resp: 153111
Ion Ratio Lower Upper
142 100
127 45.9 38.2 57.2
141 15.2 12.2 18.2



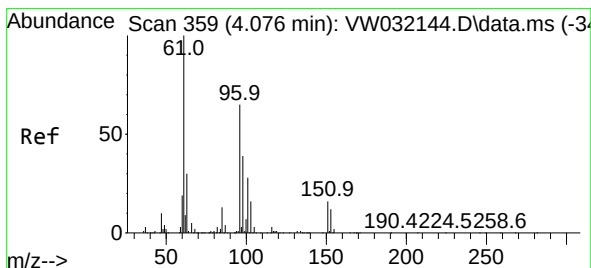
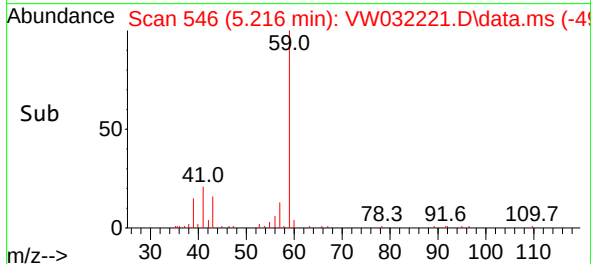
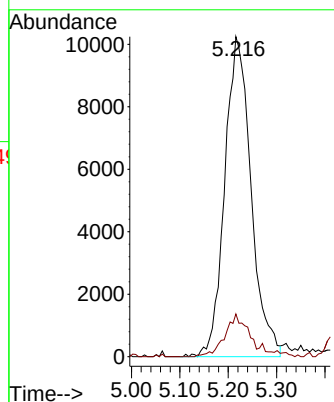


#11
Tert butyl alcohol
Concen: 239.370 ug/l
RT: 5.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

Instrument :
MSVOA_W
ClientSampleId :

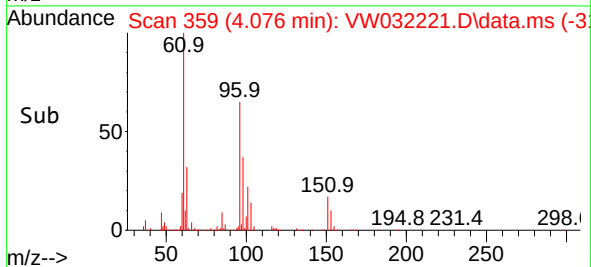
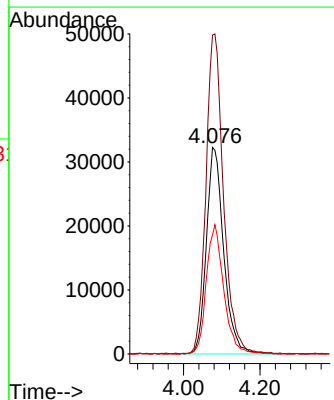
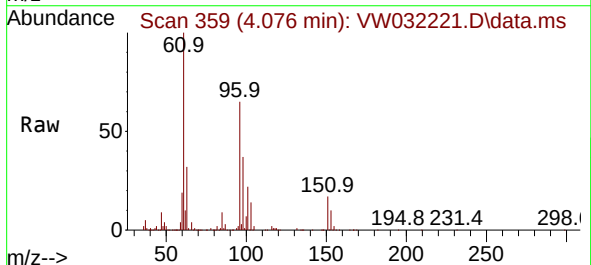


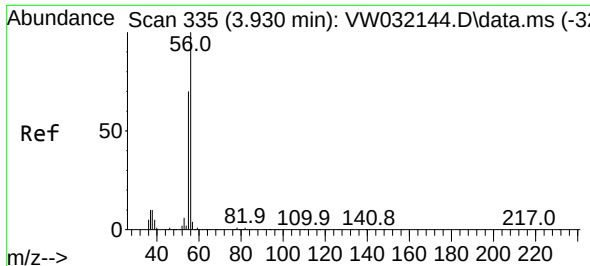
Tgt Ion: 59 Resp: 38739
Ion Ratio Lower Upper
59 100
57 11.7 9.8 14.6



#12
1,1-Dichloroethene
Concen: 51.906 ug/l
RT: 4.076 min Scan# 359
Delta R.T. -0.000 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

Tgt Ion: 96 Resp: 101491
Ion Ratio Lower Upper
96 100
61 154.3 123.0 184.4
98 57.7 48.5 72.7

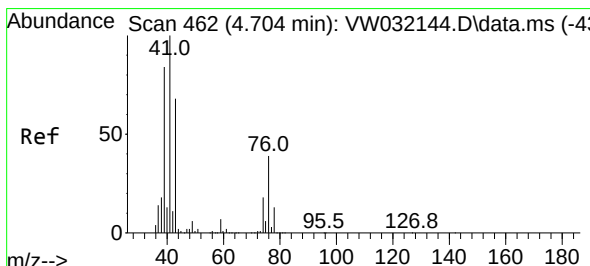
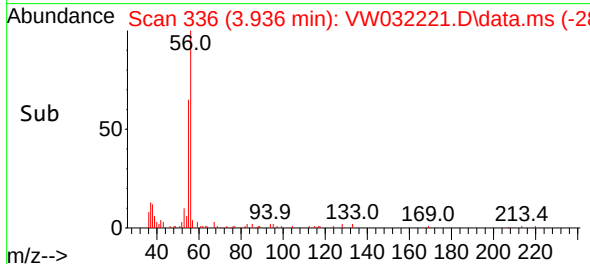
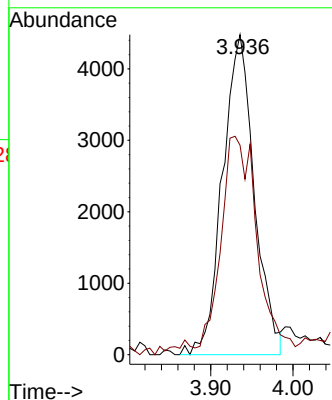
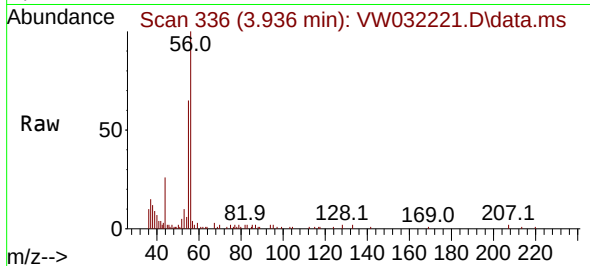




#13
Acrolein
Concen: 48.205 ug/l
RT: 3.936 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

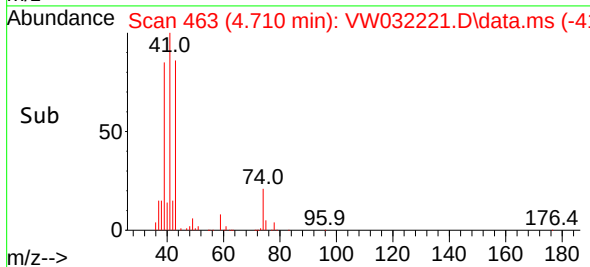
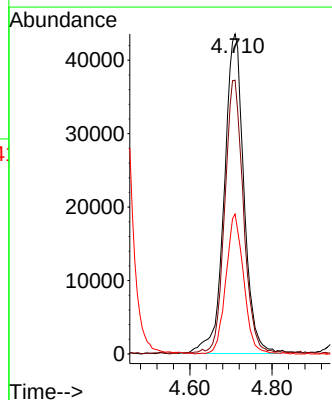
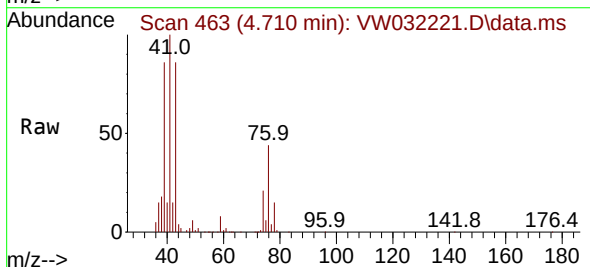
Instrument :
MSVOA_W
ClientSampleId :

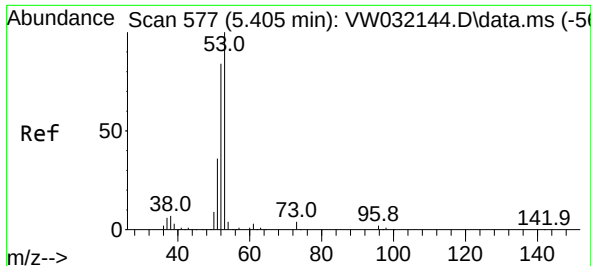
Tgt Ion: 56 Resp: 11992
Ion Ratio Lower Upper
56 100
55 72.4 56.4 84.6



#14
Allyl chloride
Concen: 52.145 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.006 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

Tgt Ion: 41 Resp: 144825
Ion Ratio Lower Upper
41 100
39 81.2 64.1 96.1
76 39.6 31.4 47.2

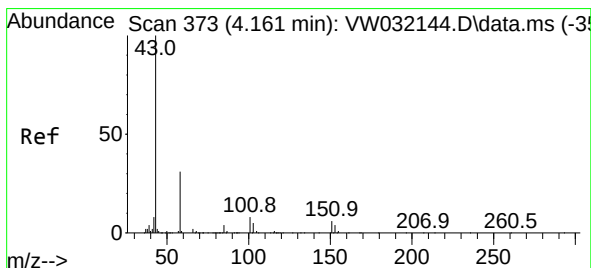
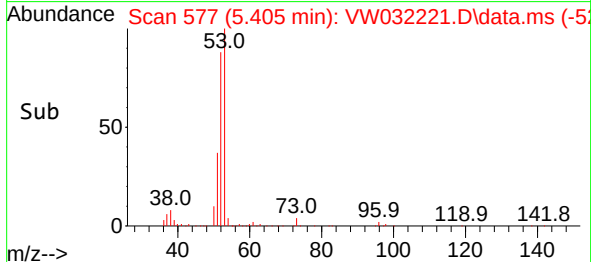
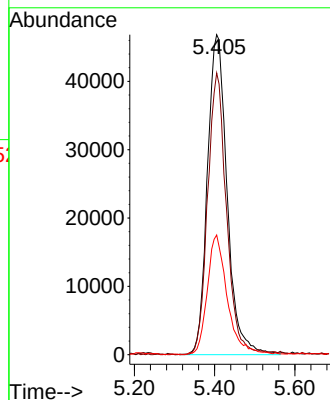
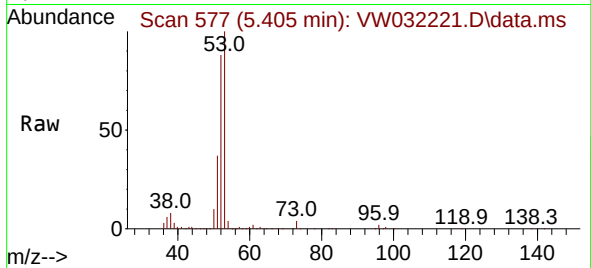




#15
Acrylonitrile
Concen: 267.457 ug/l
RT: 5.405 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

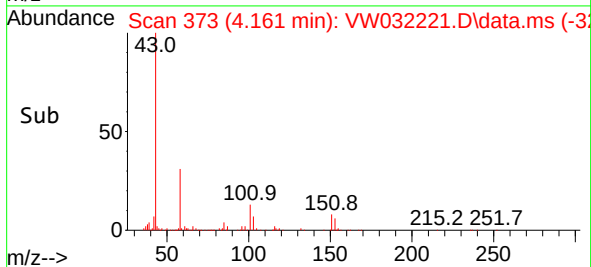
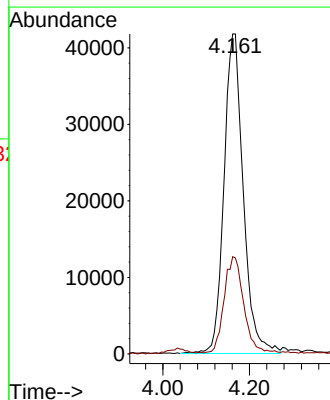
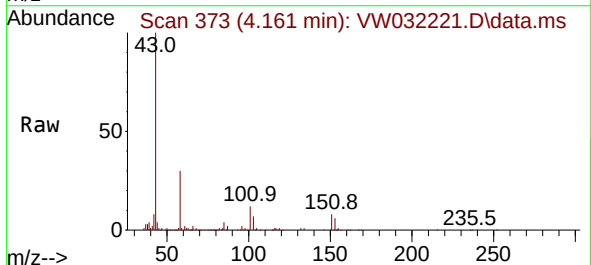
Instrument :
MSVOA_W
ClientSampleId :

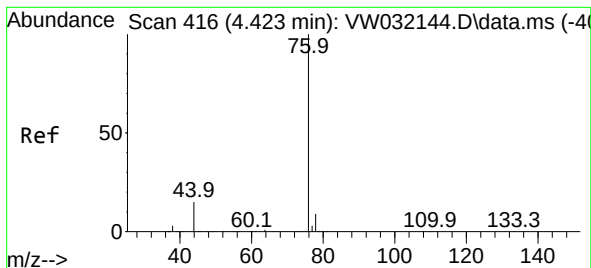
Tgt Ion: 53 Resp: 159932
Ion Ratio Lower Upper
53 100
52 84.3 67.4 101.2
51 38.0 30.3 45.5



#16
Acetone
Concen: 225.303 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

Tgt Ion: 43 Resp: 129100
Ion Ratio Lower Upper
43 100
58 30.0 25.3 37.9





#17

Carbon Disulfide

Concen: 48.401 ug/l

RT: 4.423 min Scan# 416

Delta R.T. -0.000 min

Lab File: VW032221.D

Acq: 19 Sep 2025 17:17

Instrument :

MSVOA_W

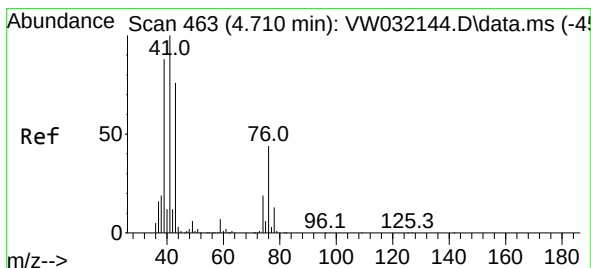
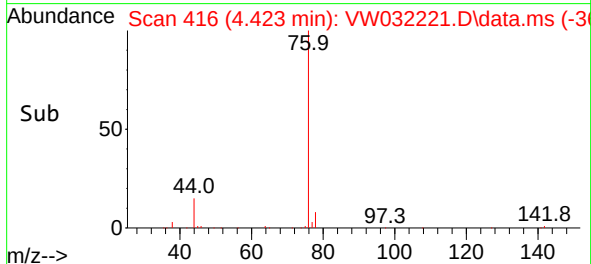
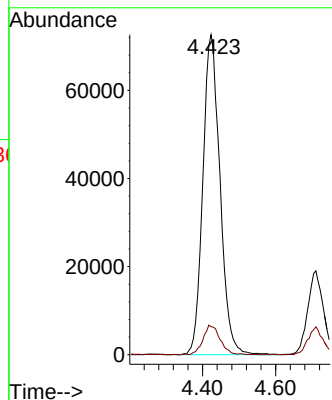
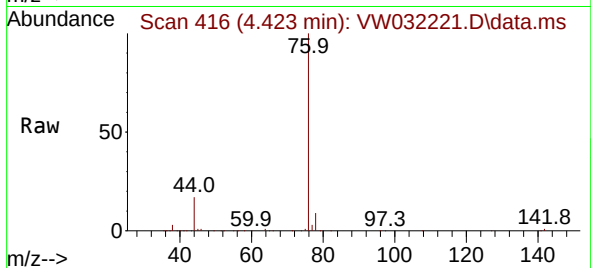
ClientSampleId :

Tgt Ion: 76 Resp: 236700

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6



#18

Methyl Acetate

Concen: 63.672 ug/l

RT: 4.710 min Scan# 463

Delta R.T. -0.000 min

Lab File: VW032221.D

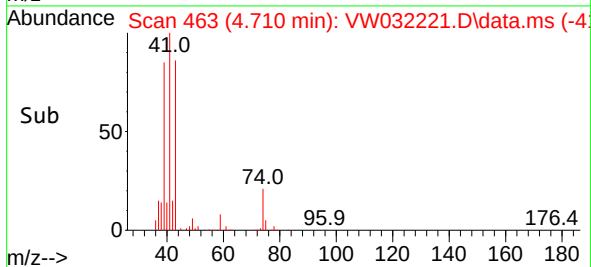
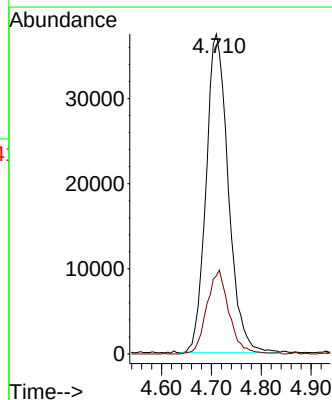
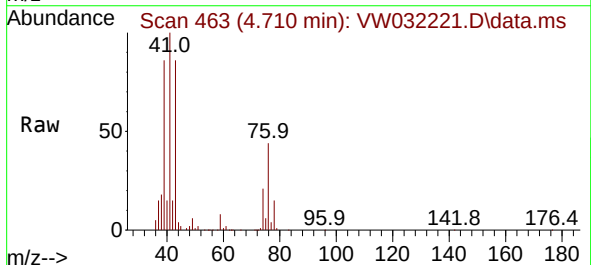
Acq: 19 Sep 2025 17:17

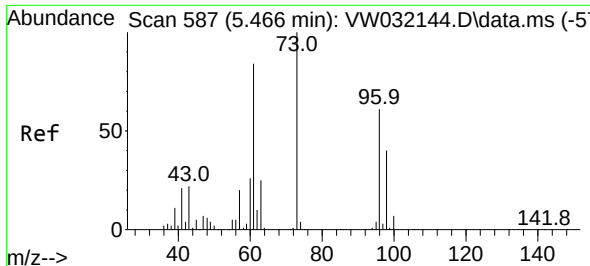
Tgt Ion: 43 Resp: 116246

Ion Ratio Lower Upper

43 100

74 26.2 20.2 30.4

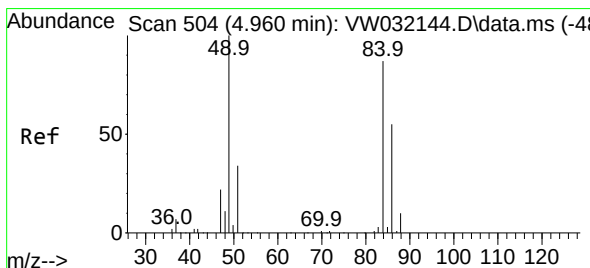
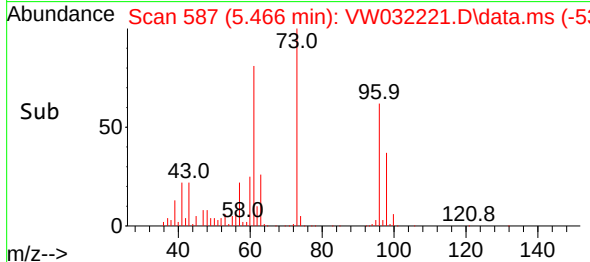
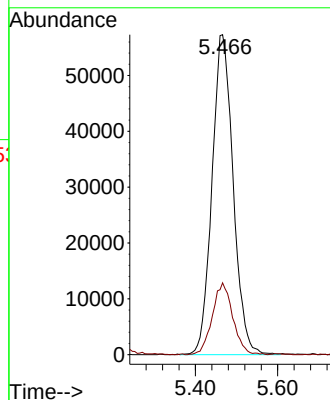
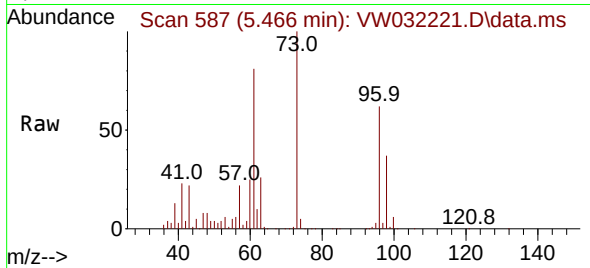




#19
Methyl tert-butyl Ether
Concen: 55.450 ug/l
RT: 5.466 min Scan# 587
Delta R.T. -0.000 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

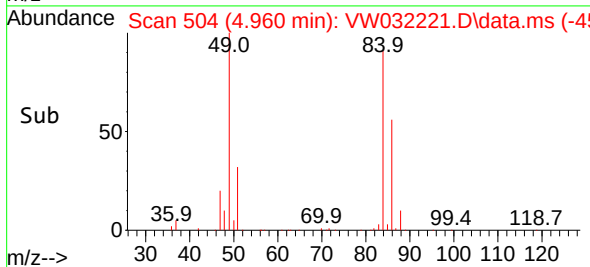
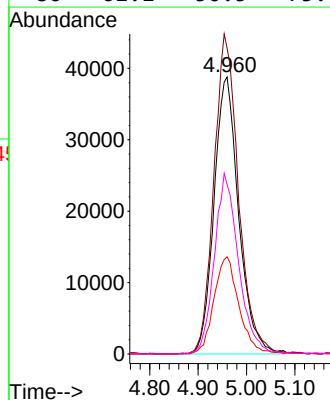
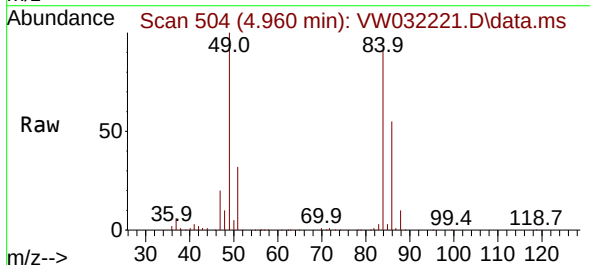
Instrument :
MSVOA_W
ClientSampleId :

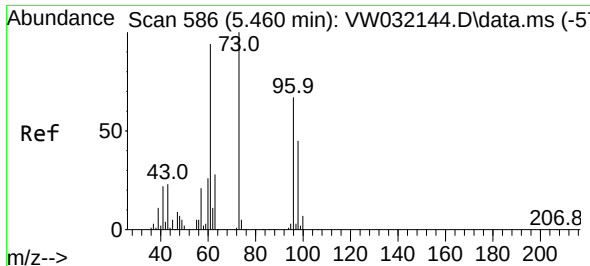
Tgt Ion: 73 Resp: 204734
Ion Ratio Lower Upper
73 100
57 22.3 16.2 24.4



#20
Methylene Chloride
Concen: 59.759 ug/l
RT: 4.960 min Scan# 504
Delta R.T. -0.000 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

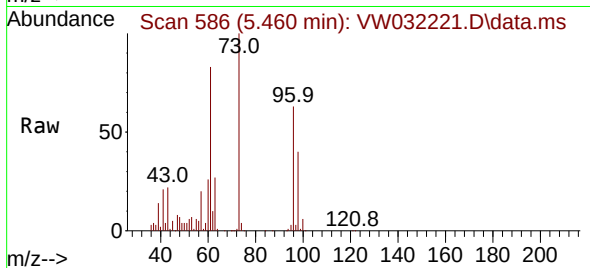
Tgt Ion: 84 Resp: 137369
Ion Ratio Lower Upper
84 100
49 110.1 92.2 138.4
51 34.9 31.0 46.6
86 61.1 50.5 75.7



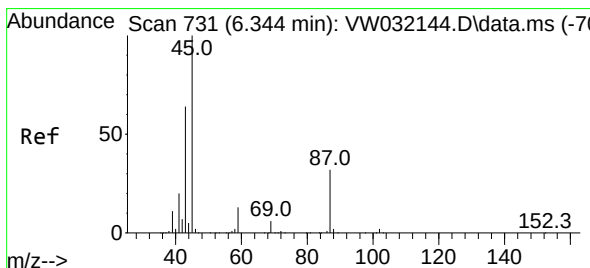
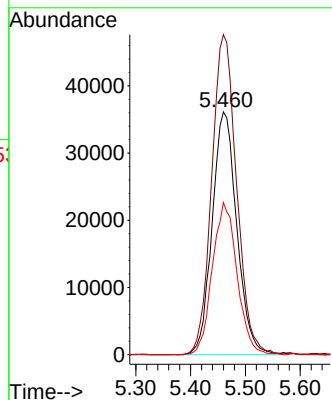
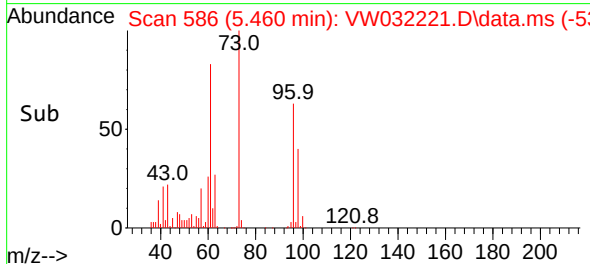


#21
trans-1,2-Dichloroethene
Concen: 51.577 ug/l
RT: 5.460 min Scan# 586
Delta R.T. -0.000 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

Instrument :
MSVOA_W
ClientSampleId :

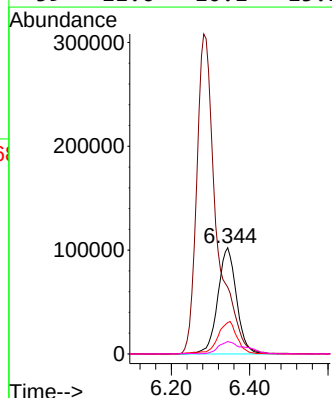
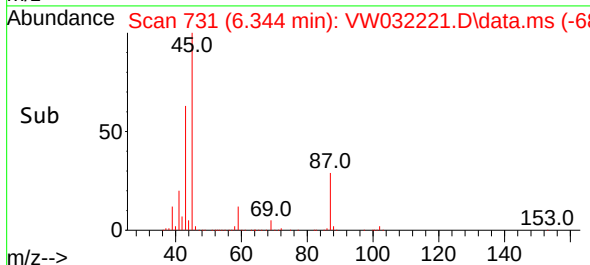
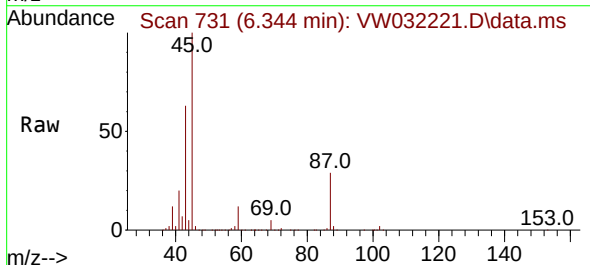


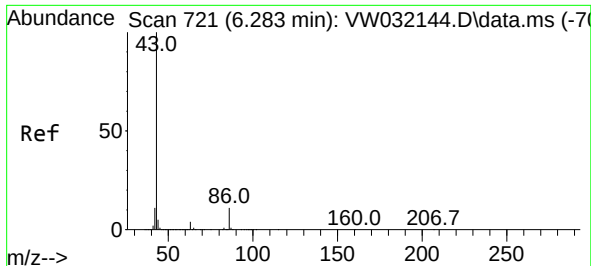
Tgt Ion: 96 Resp: 112657
Ion Ratio Lower Upper
96 100
61 131.8 112.5 168.7
98 62.7 54.2 81.4



#22
Diisopropyl ether
Concen: 56.236 ug/l
RT: 6.344 min Scan# 731
Delta R.T. -0.000 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

Tgt Ion: 45 Resp: 339933
Ion Ratio Lower Upper
45 100
43 62.4 51.4 77.2
87 29.4 25.9 38.9
59 11.6 10.1 15.1

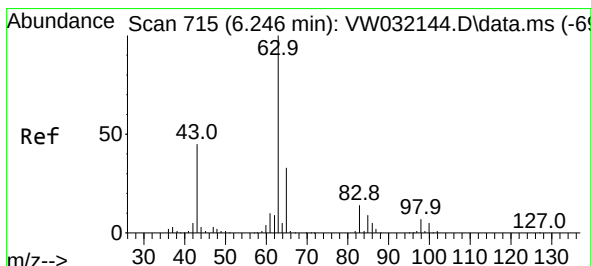
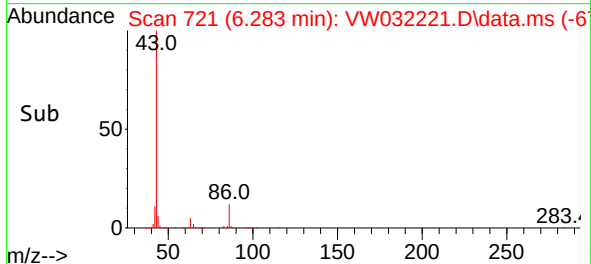
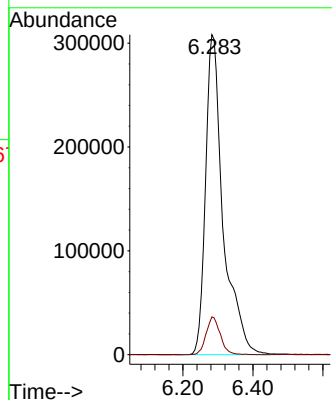
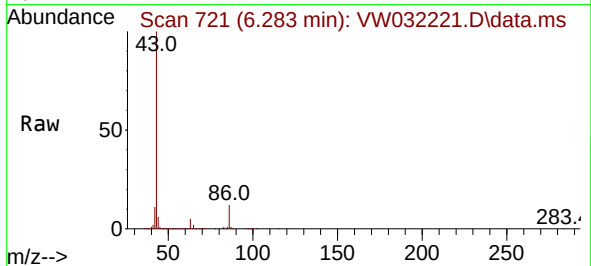




#23
 Vinyl Acetate
 Concen: 261.821 ug/l
 RT: 6.283 min Scan# 716
 Delta R.T. -0.000 min
 Lab File: VW032221.D
 Acq: 19 Sep 2025 17:17

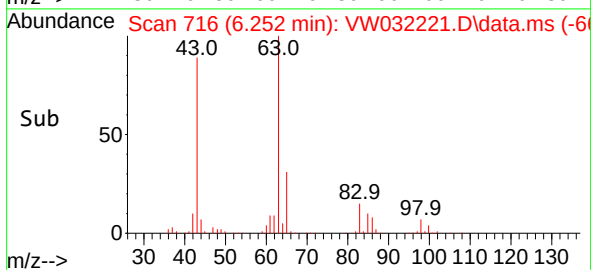
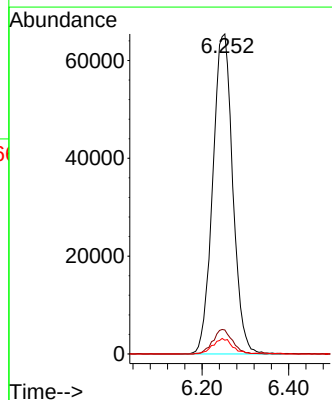
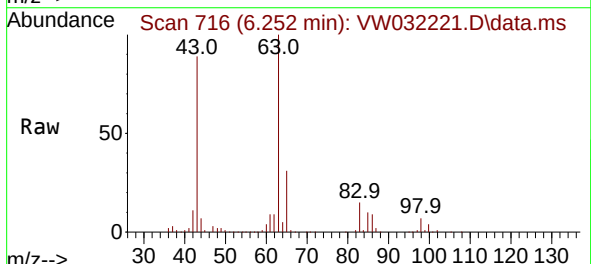
Instrument :
 MSVOA_W
 ClientSampleId :

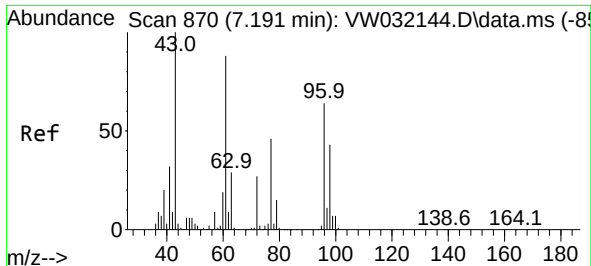
Tgt Ion: 43 Resp: 1076028
 Ion Ratio Lower Upper
 43 100
 86 11.8 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 53.027 ug/l
 RT: 6.252 min Scan# 716
 Delta R.T. 0.006 min
 Lab File: VW032221.D
 Acq: 19 Sep 2025 17:17

Tgt Ion: 63 Resp: 209845
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.2
 100 4.3 2.5 7.5

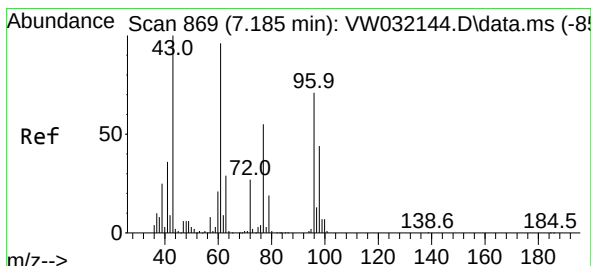
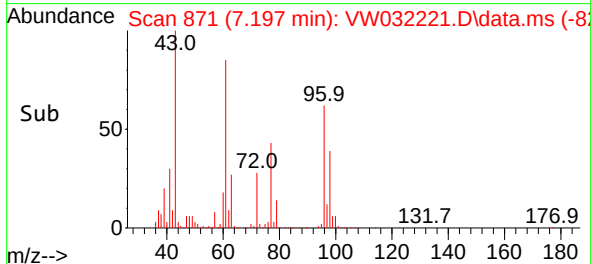
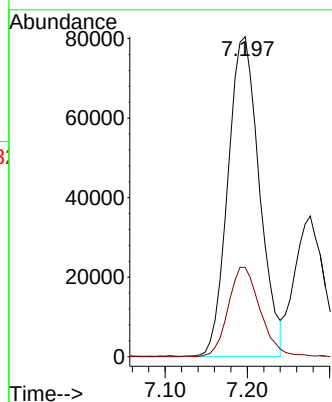
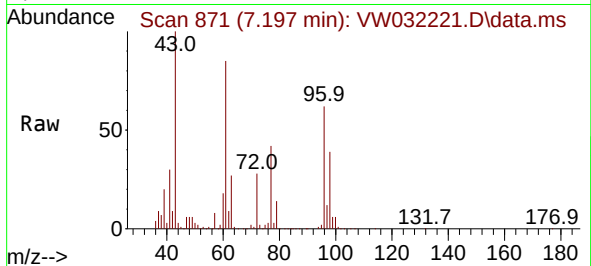




#25
2-Butanone
Concen: 263.686 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

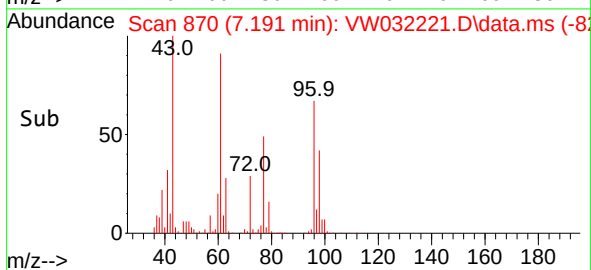
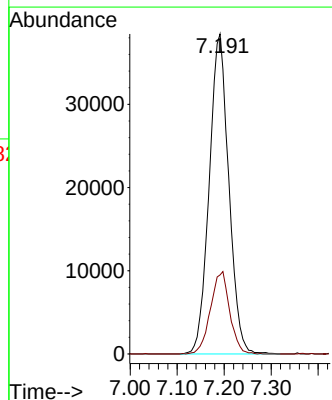
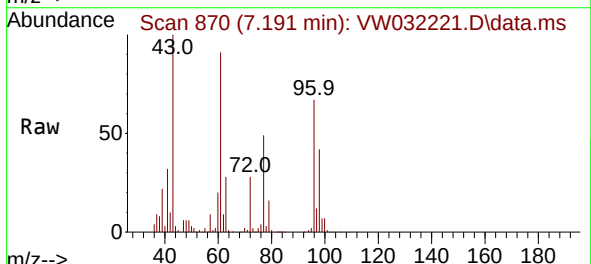
Instrument :
MSVOA_W
ClientSampleId :

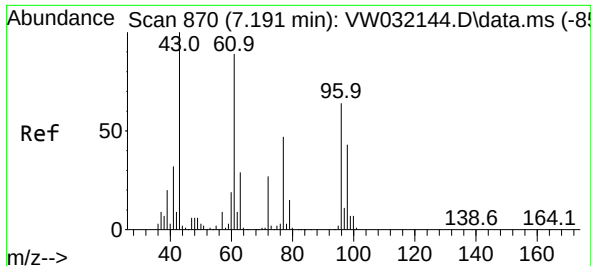
Tgt Ion: 43 Resp: 214105
Ion Ratio Lower Upper
43 100
72 27.9 21.4 32.2



#26
2,2-Dichloropropane
Concen: 52.965 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.006 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

Tgt Ion: 77 Resp: 110996
Ion Ratio Lower Upper
77 100
97 25.3 11.9 35.5

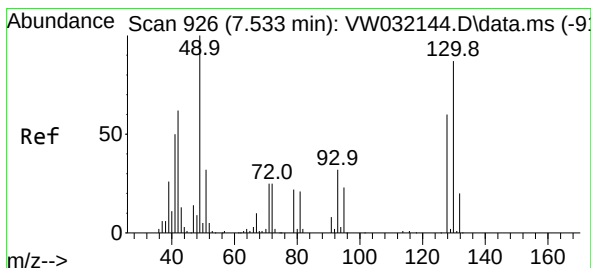
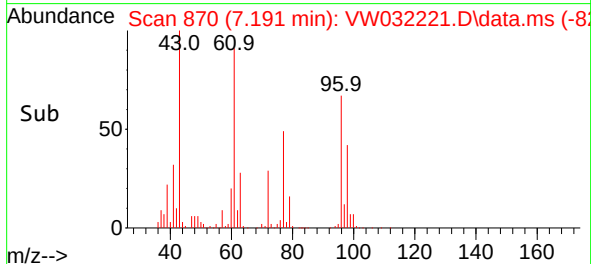
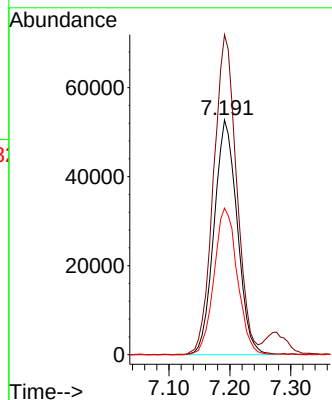
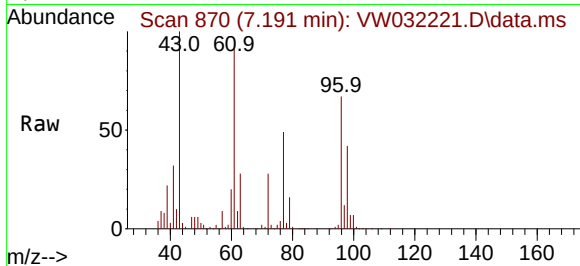




#27
 cis-1,2-Dichloroethene
 Concen: 52.335 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. -0.000 min
 Lab File: VW032221.D
 Acq: 19 Sep 2025 17:17

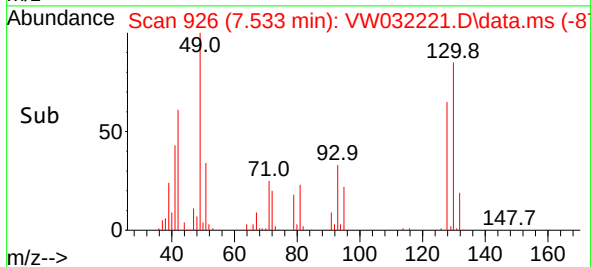
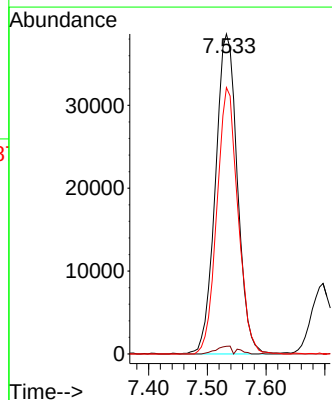
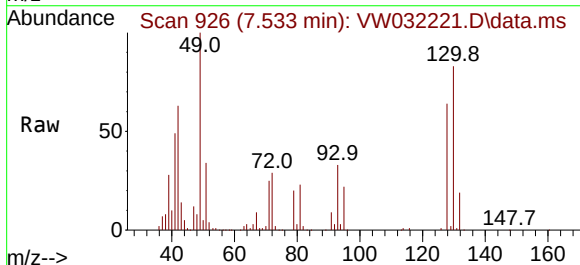
Instrument :
 MSVOA_W
 ClientSampleId :

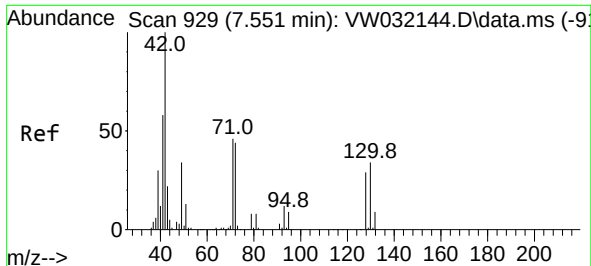
Tgt Ion: 96 Resp: 139101
 Ion Ratio Lower Upper
 96 100
 61 135.8 0.0 268.0
 98 62.8 0.0 130.8



#28
 Bromochloromethane
 Concen: 55.458 ug/l
 RT: 7.533 min Scan# 926
 Delta R.T. -0.000 min
 Lab File: VW032221.D
 Acq: 19 Sep 2025 17:17

Tgt Ion: 49 Resp: 100465
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.2
 130 79.7 67.5 101.3





#29

Tetrahydrofuran

Concen: 270.454 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW032221.D

Acq: 19 Sep 2025 17:17

Instrument :

MSVOA_W

ClientSampleId :

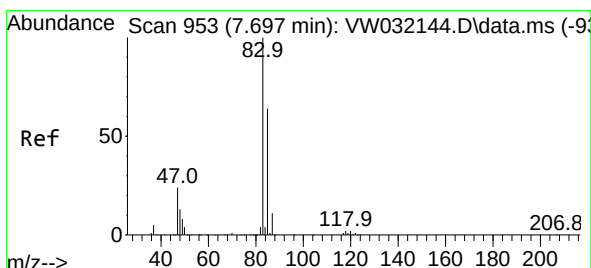
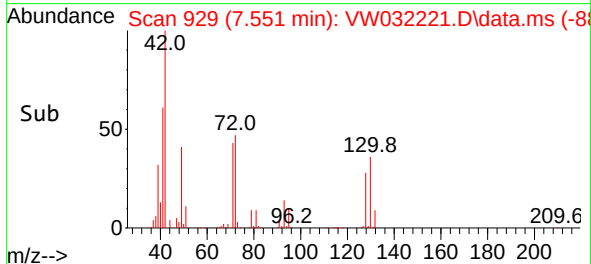
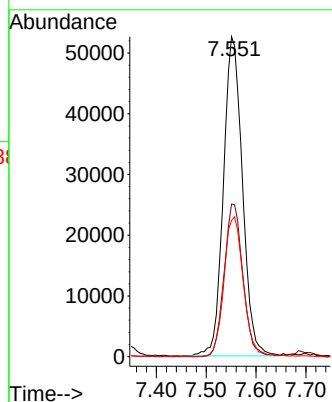
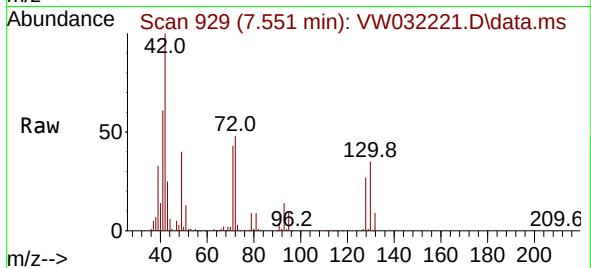
Tgt Ion: 42 Resp: 139548

Ion Ratio Lower Upper

42 100

72 47.0 37.4 56.2

71 44.9 36.0 54.0



#30

Chloroform

Concen: 53.668 ug/l

RT: 7.697 min Scan# 953

Delta R.T. -0.000 min

Lab File: VW032221.D

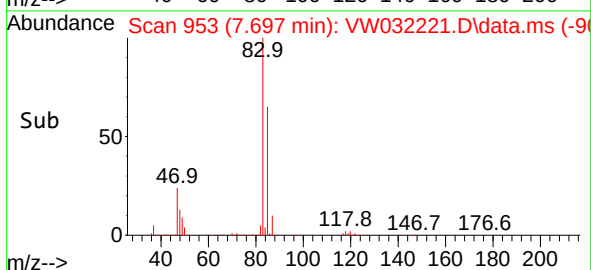
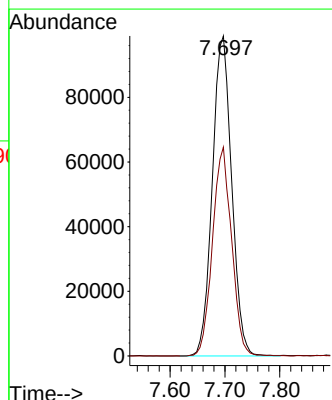
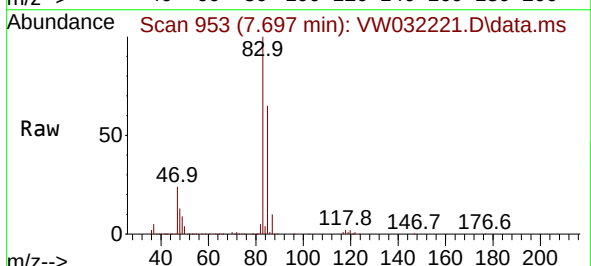
Acq: 19 Sep 2025 17:17

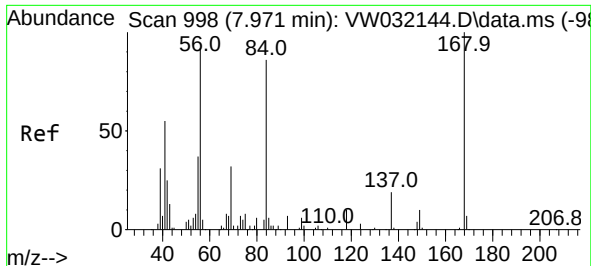
Tgt Ion: 83 Resp: 242483

Ion Ratio Lower Upper

83 100

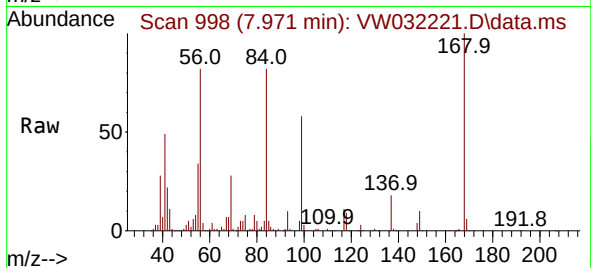
85 65.2 51.2 76.8



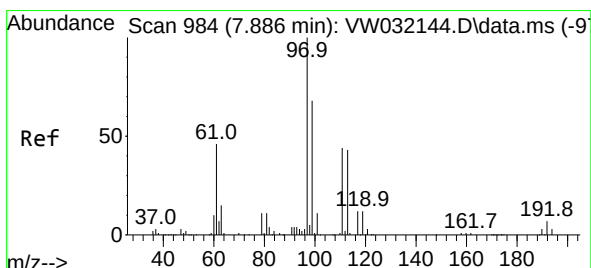
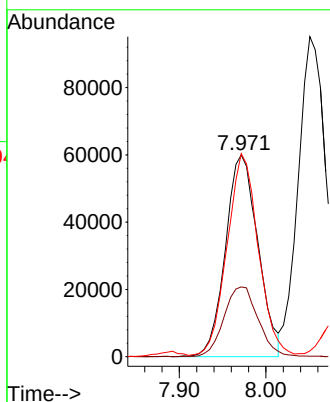
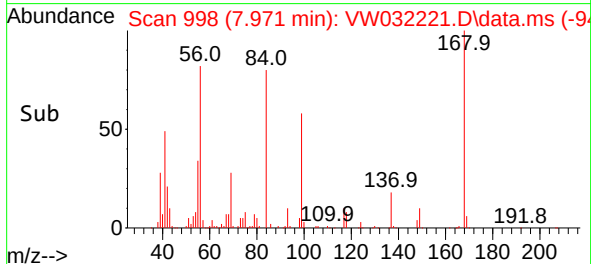


#31
Cyclohexane
Concen: 48.203 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

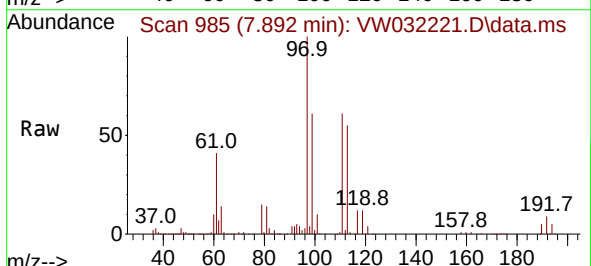
Instrument :
MSVOA_W
ClientSampleId :



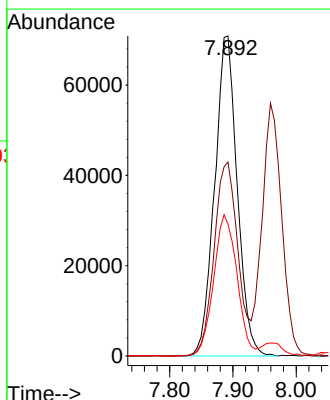
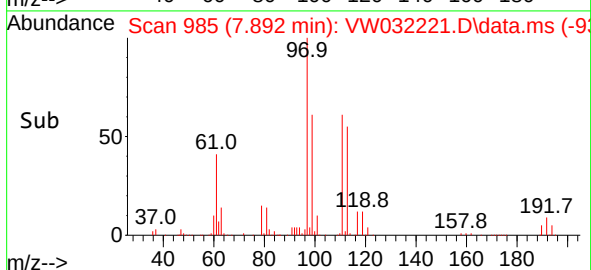
Tgt Ion: 56 Resp: 156566
Ion Ratio Lower Upper
56 100
69 34.5 27.7 41.5
84 98.9 74.6 112.0

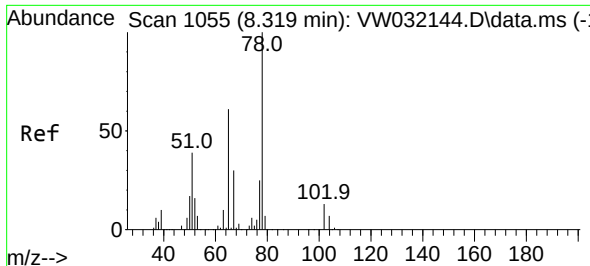


#32
1,1,1-Trichloroethane
Concen: 53.210 ug/l
RT: 7.892 min Scan# 985
Delta R.T. 0.006 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17



Tgt Ion: 97 Resp: 175499
Ion Ratio Lower Upper
97 100
99 64.3 50.9 76.3
61 45.8 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 52.495 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VW032221.D

Acq: 19 Sep 2025 17:17

Instrument :

MSVOA_W

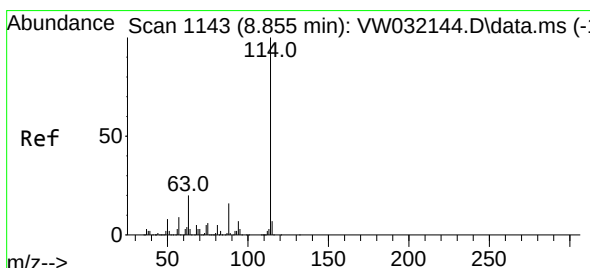
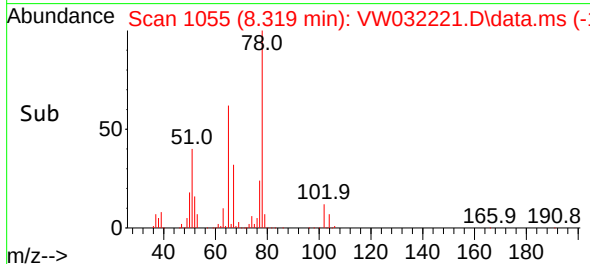
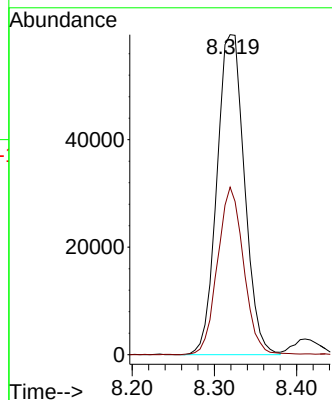
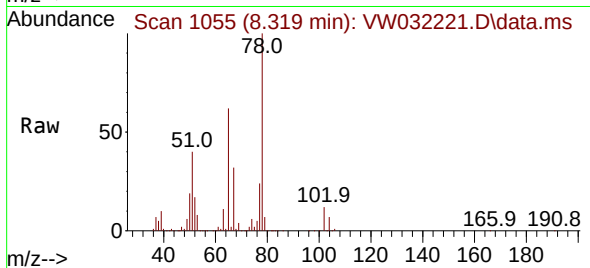
ClientSampleId :

Tgt Ion: 65 Resp: 138892

Ion Ratio Lower Upper

65 100

67 49.7 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: VW032221.D

Acq: 19 Sep 2025 17:17

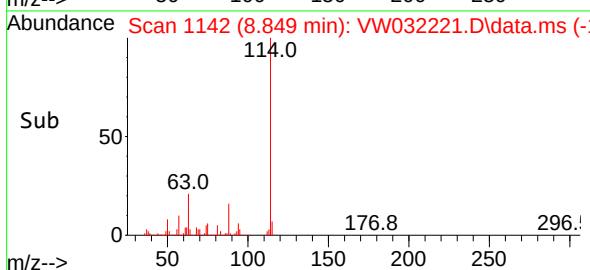
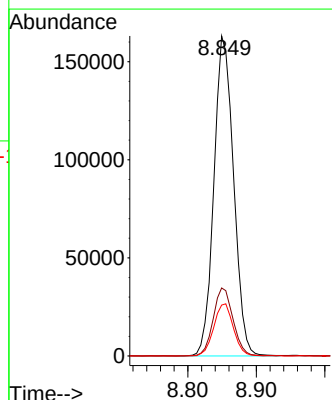
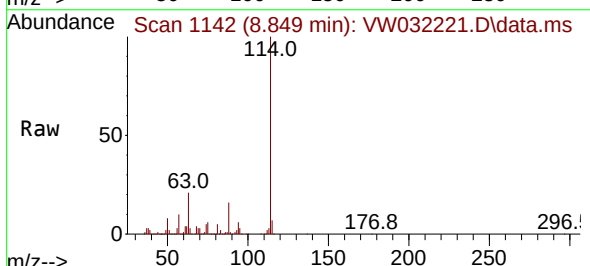
Tgt Ion: 114 Resp: 325048

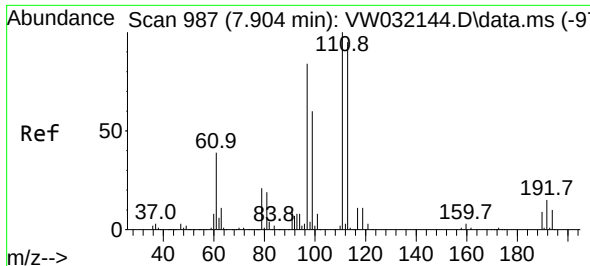
Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.4

88 15.9 0.0 32.0

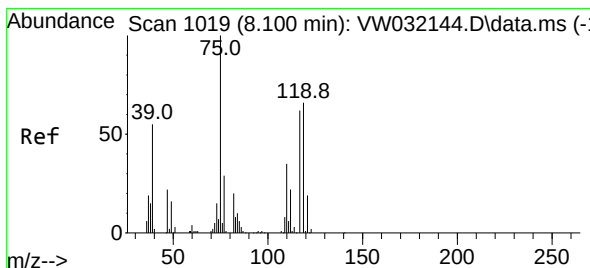
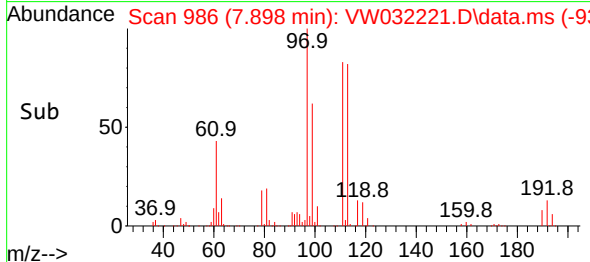
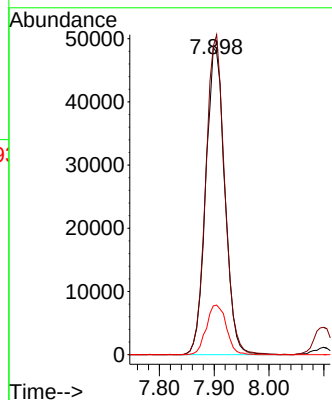
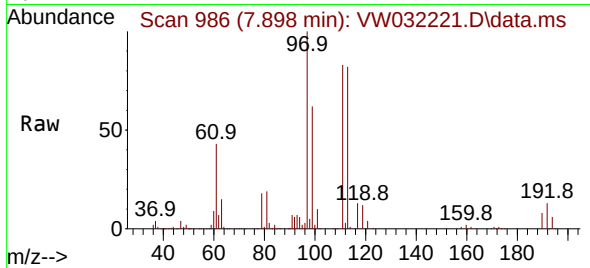




#35
 Dibromofluoromethane
 Concen: 51.280 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW032221.D
 Acq: 19 Sep 2025 17:17

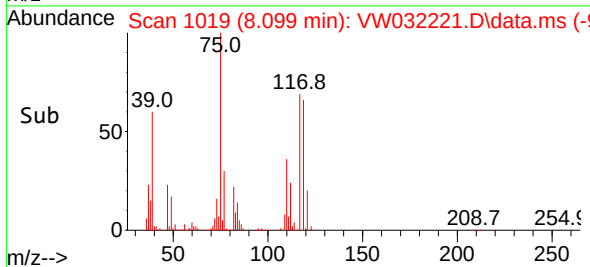
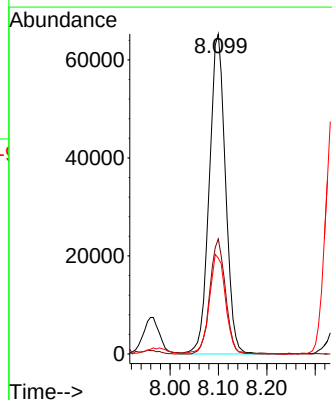
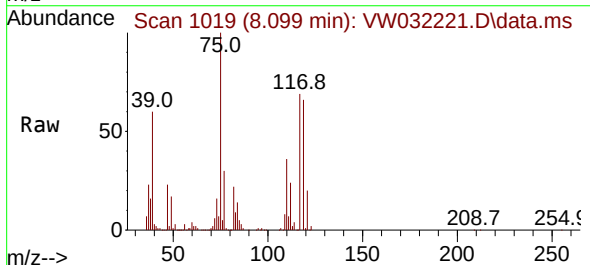
Instrument :
 MSVOA_W
 ClientSampleId :

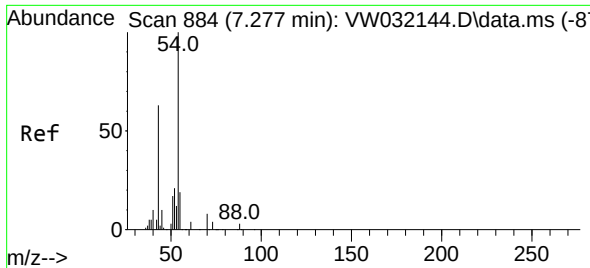
Tgt Ion:113 Resp: 116945
 Ion Ratio Lower Upper
 113 100
 111 103.1 83.9 125.9
 192 16.9 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 51.397 ug/l
 RT: 8.099 min Scan# 1019
 Delta R.T. -0.000 min
 Lab File: VW032221.D
 Acq: 19 Sep 2025 17:17

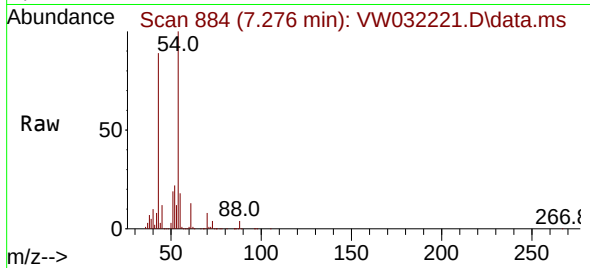
Tgt Ion: 75 Resp: 151974
 Ion Ratio Lower Upper
 75 100
 110 34.4 17.5 52.5
 77 30.8 24.1 36.1



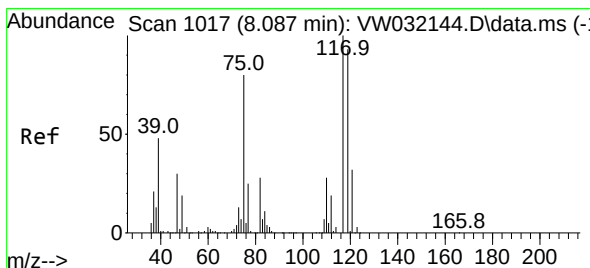
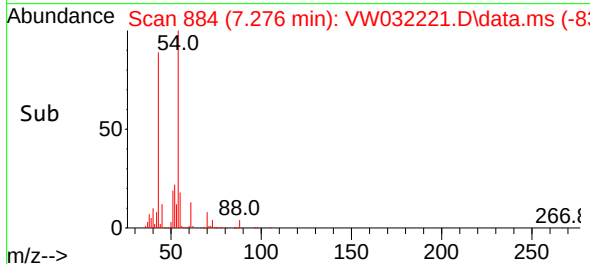
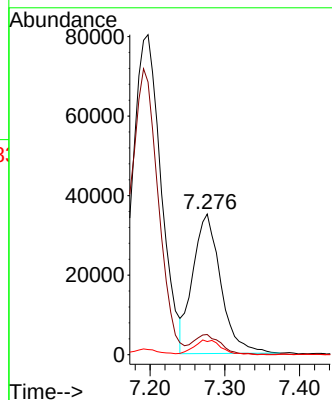


#37
Ethyl Acetate
Concen: 51.331 ug/l
RT: 7.276 min Scan# 884
Delta R.T. -0.000 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

Instrument :
MSVOA_W
ClientSampleId :

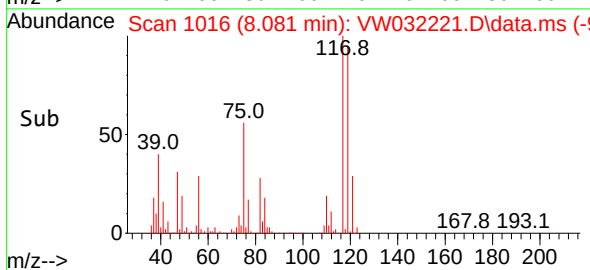
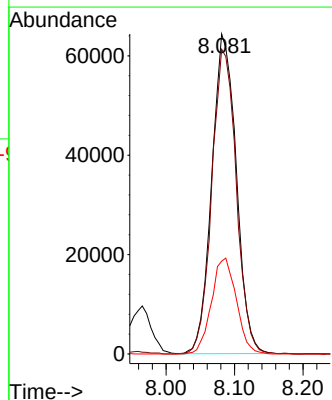
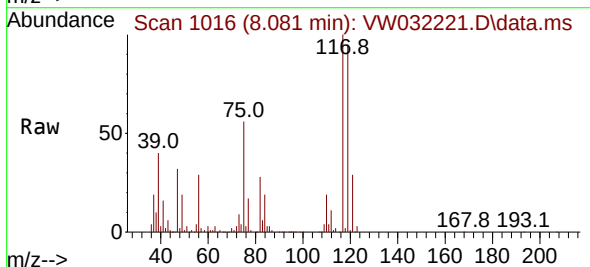


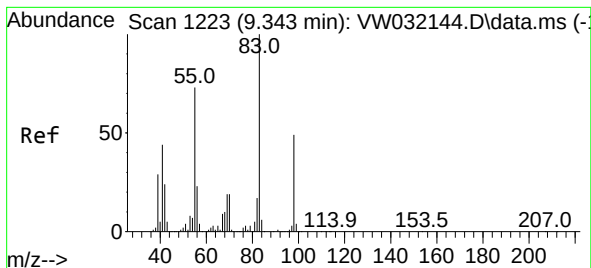
Tgt Ion: 43 Resp: 91051
Ion Ratio Lower Upper
43 100
61 13.7 11.3 16.9
70 10.3 8.9 13.3



#38
Carbon Tetrachloride
Concen: 50.358 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

Tgt Ion: 117 Resp: 159624
Ion Ratio Lower Upper
117 100
119 95.2 74.2 111.2
121 29.1 25.6 38.4





#39

Methylcyclohexane

Concen: 51.761 ug/l

RT: 9.343 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032221.D

Acq: 19 Sep 2025 17:17

Instrument :

MSVOA_W

ClientSampleId :

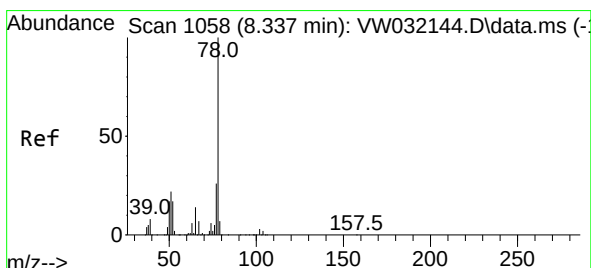
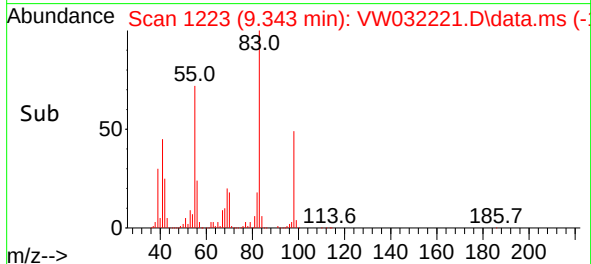
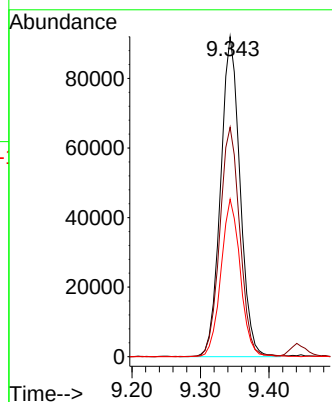
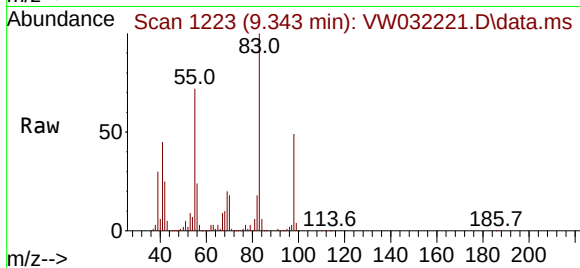
Tgt Ion: 83 Resp: 181282

Ion Ratio Lower Upper

83 100

55 71.6 58.4 87.6

98 49.2 39.4 59.2



#40

Benzene

Concen: 51.569 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VW032221.D

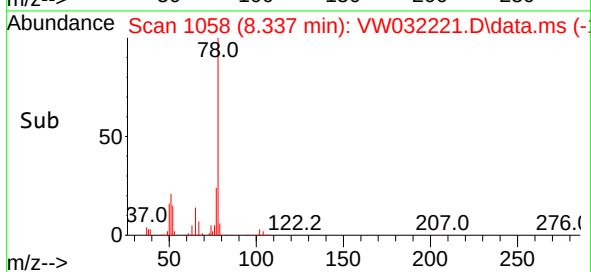
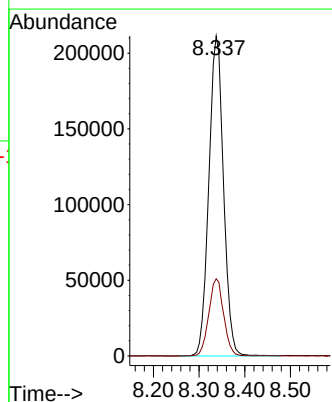
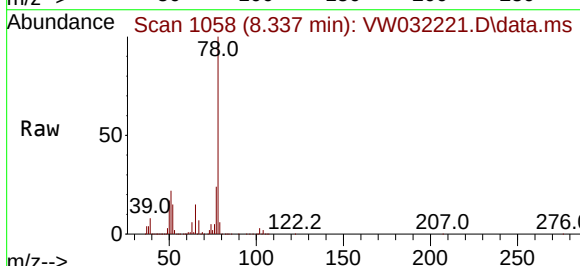
Acq: 19 Sep 2025 17:17

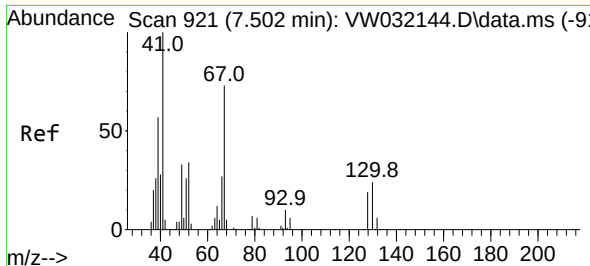
Tgt Ion: 78 Resp: 471347

Ion Ratio Lower Upper

78 100

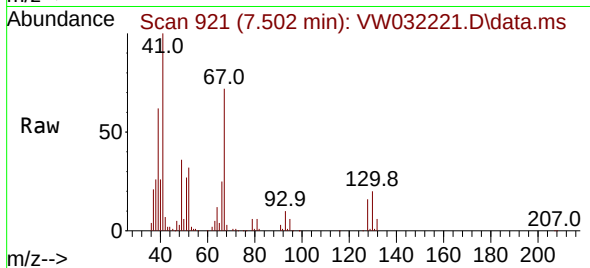
77 24.1 20.7 31.1



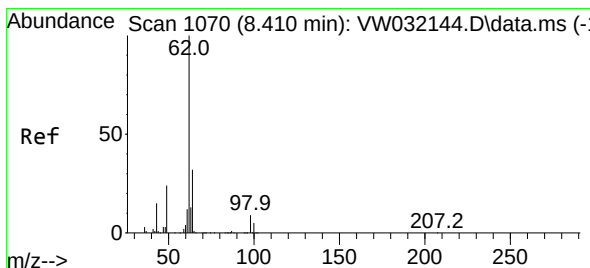
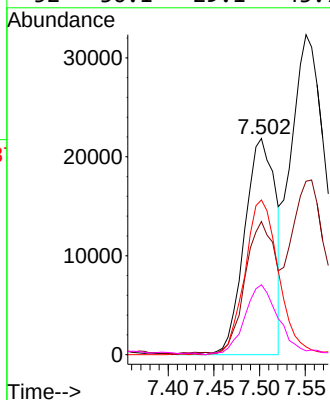
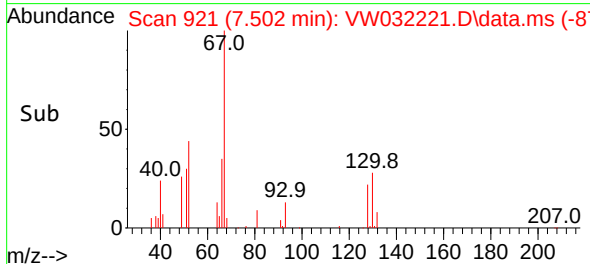


#41
Methacrylonitrile
Concen: 52.338 ug/l
RT: 7.502 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

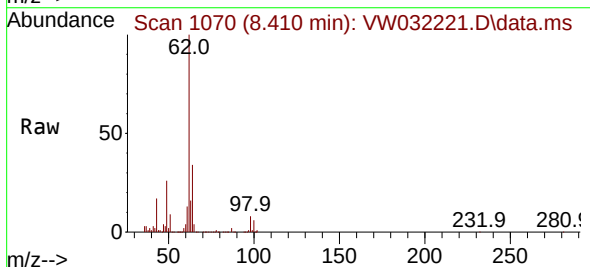
Instrument :
MSVOA_W
ClientSampleId :



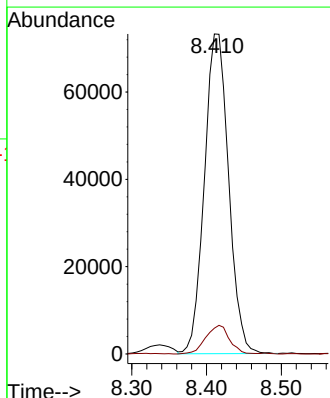
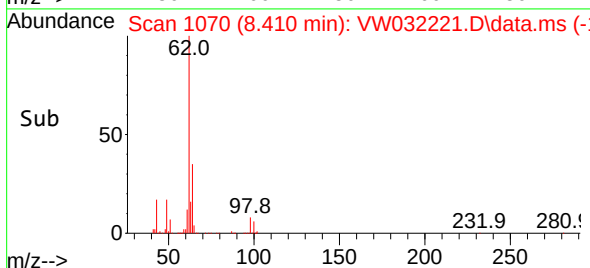
Tgt Ion:	41	Resp:	51579
Ion Ratio	Lower	Upper	
41	100		
39	59.4	50.9	76.3
67	78.1	65.6	98.4
52	36.1	29.1	43.7

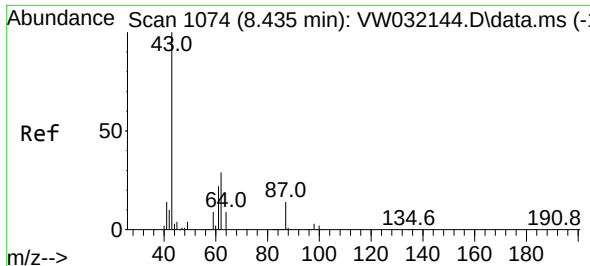


#42
1,2-Dichloroethane
Concen: 52.042 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17



Tgt Ion:	62	Resp:	164896
Ion Ratio	Lower	Upper	
62	100		
98	8.8	0.0	18.0





#43

Isopropyl Acetate

Concen: 52.699 ug/l

RT: 8.435 min Scan# 1107

Delta R.T. -0.000 min

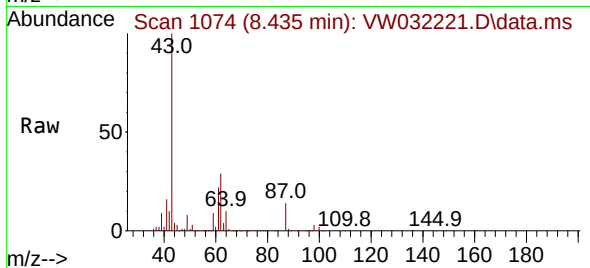
Lab File: VW032221.D

Acq: 19 Sep 2025 17:17

Instrument :

MSVOA_W

ClientSampleId :



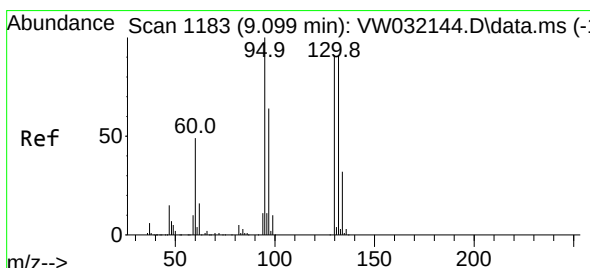
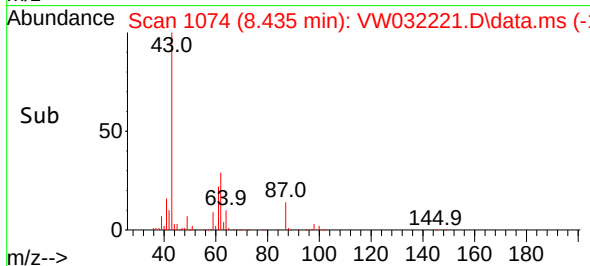
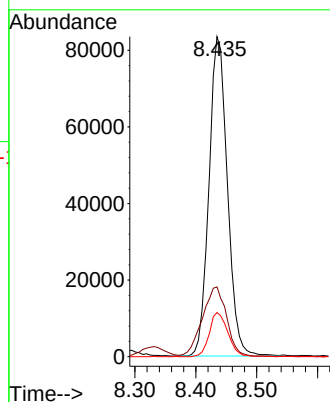
Tgt Ion: 43 Resp: 175365

Ion Ratio Lower Upper

43 100

61 28.3 23.3 34.9

87 14.0 11.1 16.7



#44

Trichloroethene

Concen: 50.033 ug/l

RT: 9.105 min Scan# 1184

Delta R.T. 0.006 min

Lab File: VW032221.D

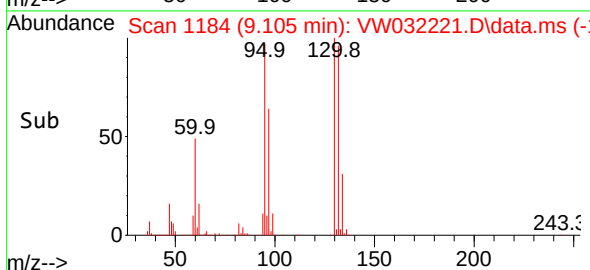
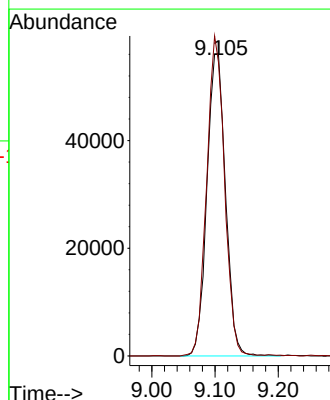
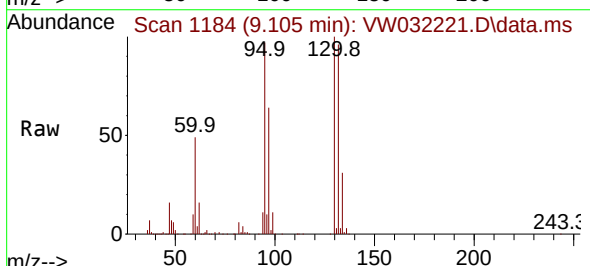
Acq: 19 Sep 2025 17:17

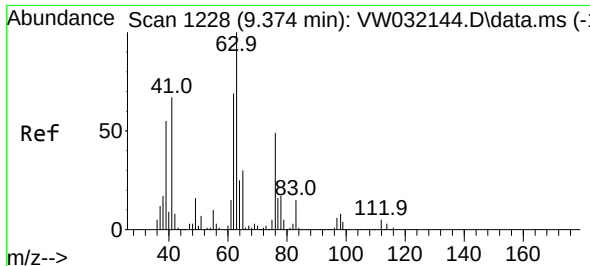
Tgt Ion:130 Resp: 115002

Ion Ratio Lower Upper

130 100

95 97.3 0.0 220.0

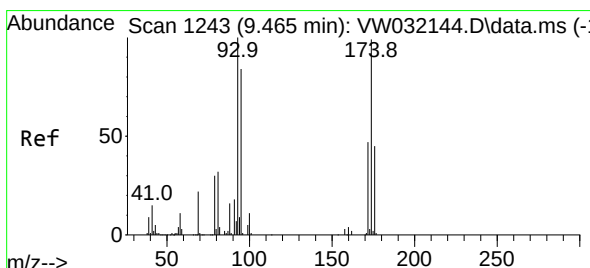
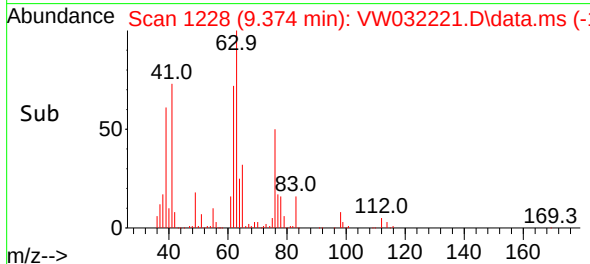
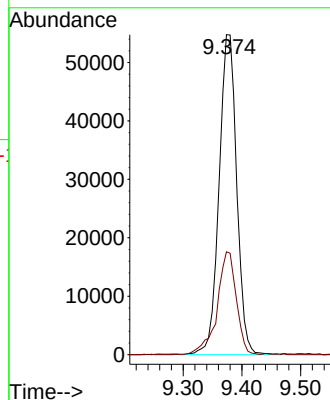
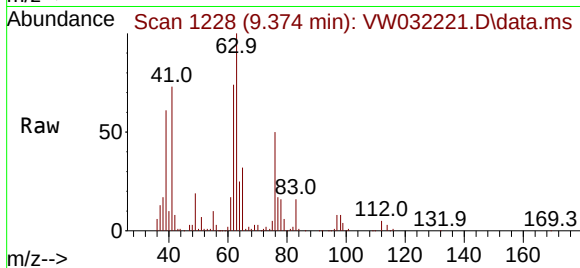




#45
1,2-Dichloropropane
Concen: 51.758 ug/l
RT: 9.374 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

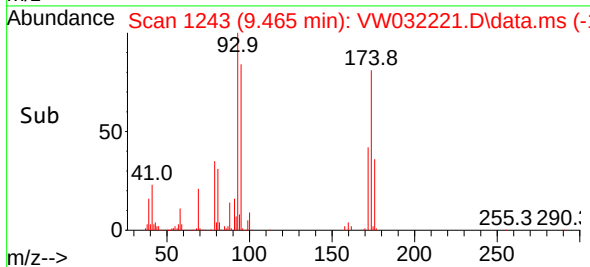
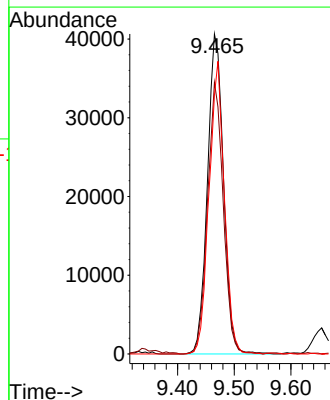
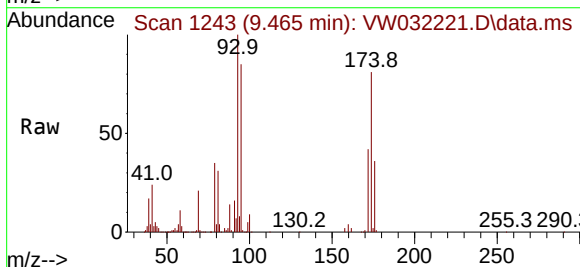
Instrument :
MSVOA_W
ClientSampleId :

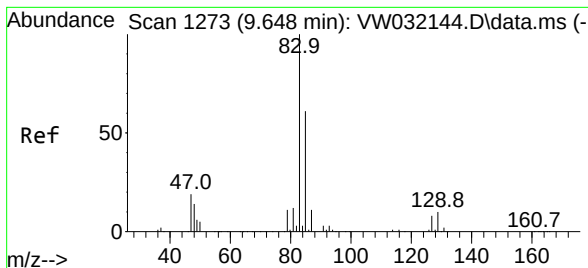
Tgt Ion: 63 Resp: 114040
Ion Ratio Lower Upper
63 100
65 32.0 24.3 36.5



#46
Dibromomethane
Concen: 51.916 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

Tgt Ion: 93 Resp: 80230
Ion Ratio Lower Upper
93 100
95 83.4 67.4 101.2
174 87.2 75.7 113.5





#47

Bromodichloromethane

Concen: 52.130 ug/l

RT: 9.654 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VW032221.D

Acq: 19 Sep 2025 17:17

Instrument :

MSVOA_W

ClientSampleId :

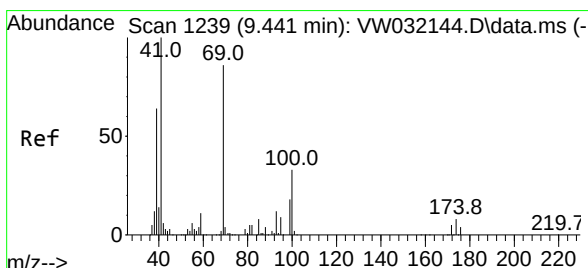
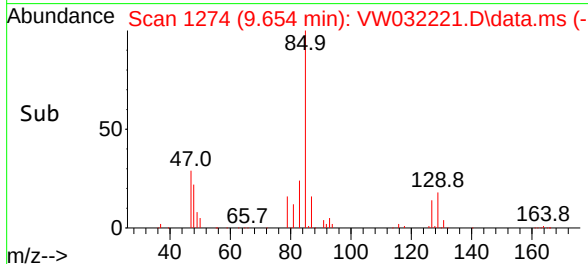
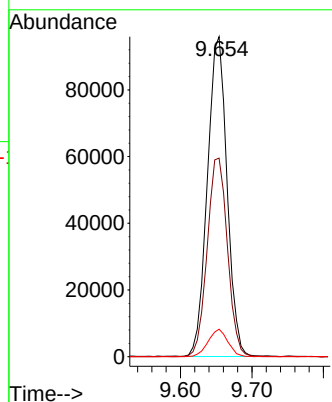
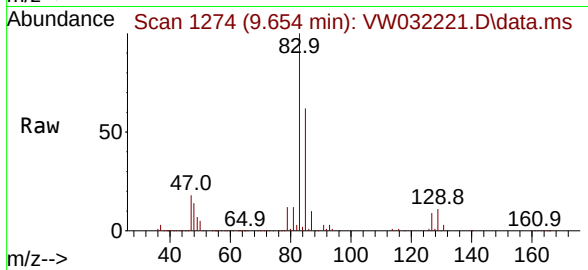
Tgt Ion: 83 Resp: 183075

Ion Ratio Lower Upper

83 100

85 62.1 48.7 73.1

127 8.6 6.4 9.6



#48

Methyl methacrylate

Concen: 53.809 ug/l

RT: 9.441 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VW032221.D

Acq: 19 Sep 2025 17:17

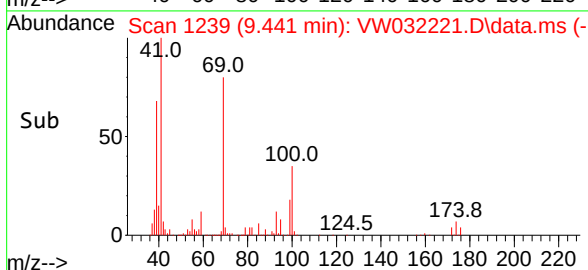
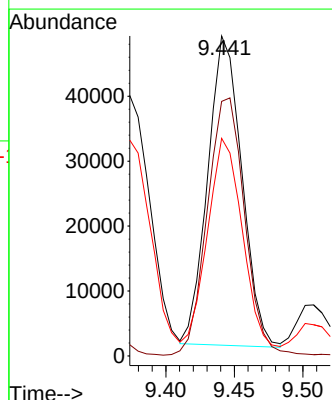
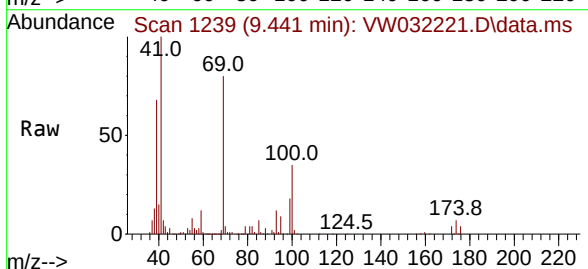
Tgt Ion: 41 Resp: 82518

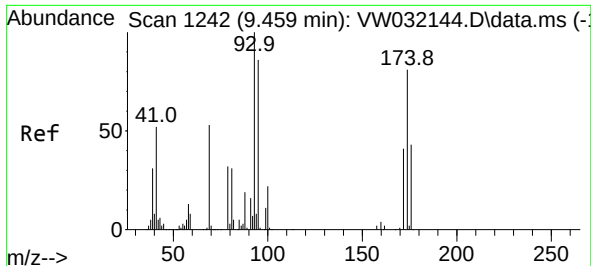
Ion Ratio Lower Upper

41 100

69 91.5 71.5 107.3

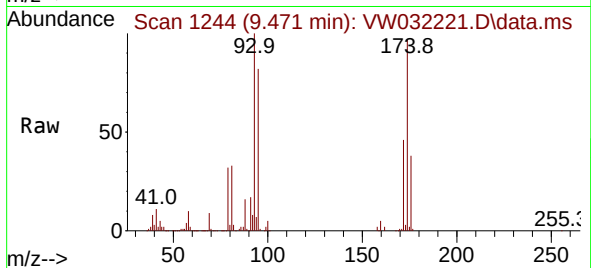
39 73.9 55.9 83.9



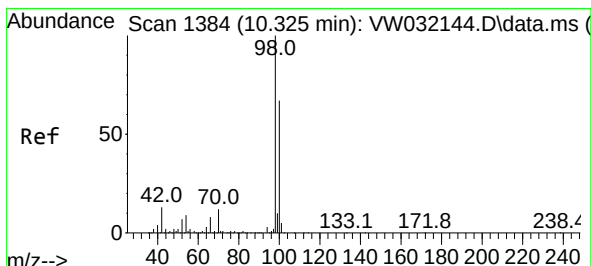
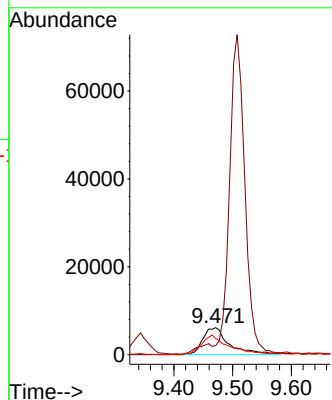
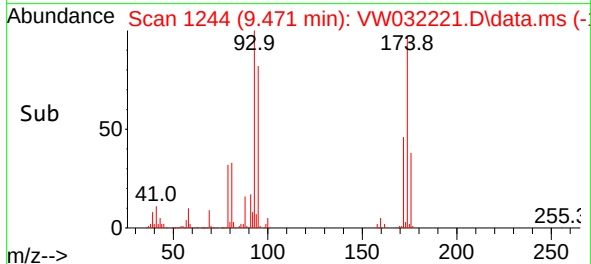


#49
1,4-Dioxane
Concen: 1035.295 ug/l
RT: 9.471 min Scan# 11
Delta R.T. 0.012 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

Instrument :
MSVOA_W
ClientSampleId :

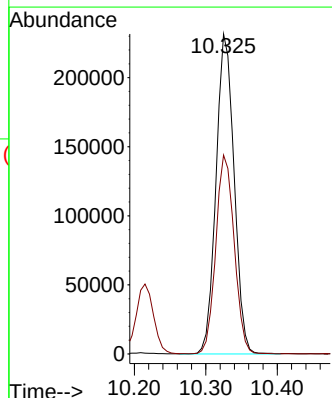
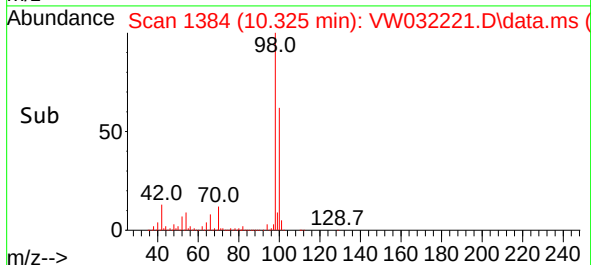
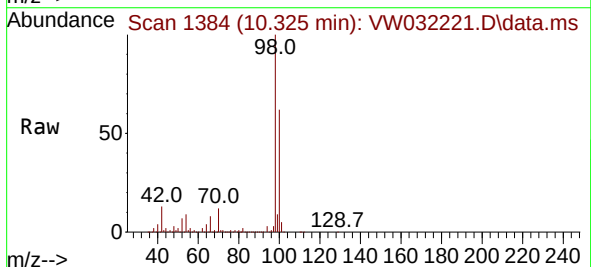


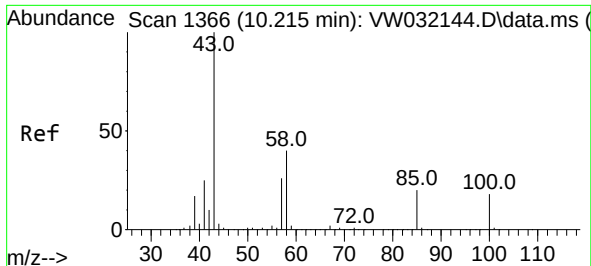
Tgt Ion: 88 Resp: 19331
Ion Ratio Lower Upper
88 100
43 22.3 18.0 27.0
58 72.6 55.4 83.0



#50
Toluene-d8
Concen: 50.800 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

Tgt Ion: 98 Resp: 406688
Ion Ratio Lower Upper
98 100
100 63.2 51.4 77.2

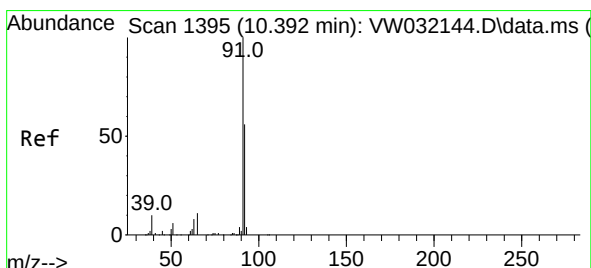
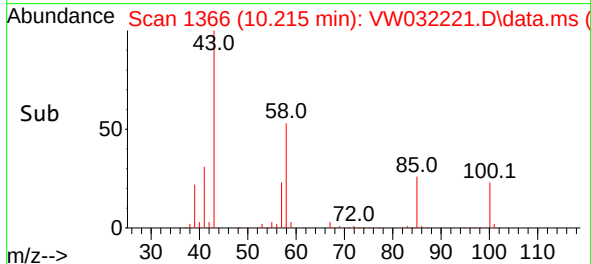
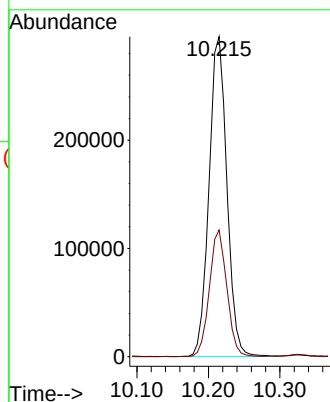
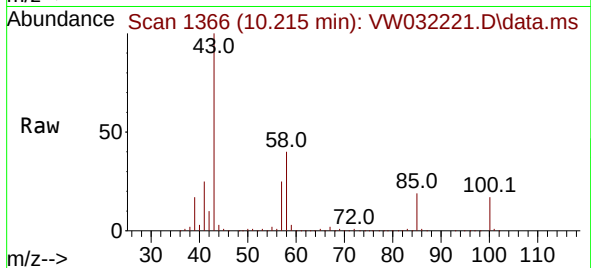




#51
4-Methyl-2-Pentanone
Concen: 273.152 ug/l
RT: 10.215 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

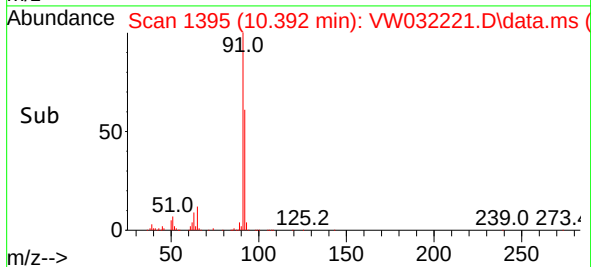
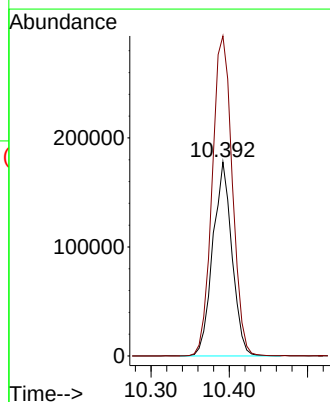
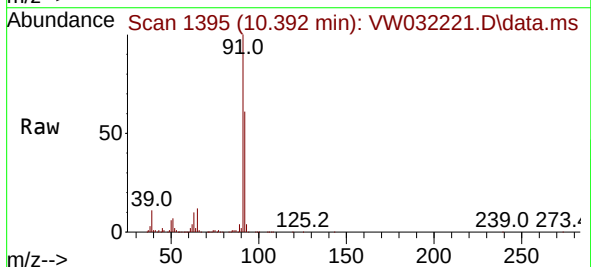
Instrument :
MSVOA_W
ClientSampleId :

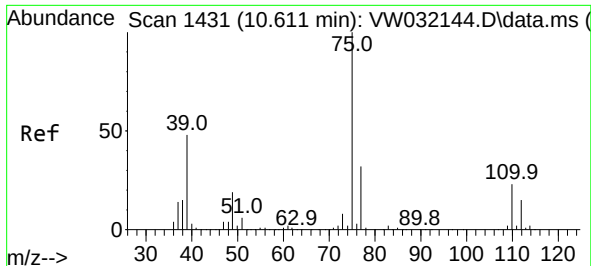
Tgt Ion: 43 Resp: 513245
Ion Ratio Lower Upper
43 100
58 38.7 32.0 48.0



#52
Toluene
Concen: 50.504 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

Tgt Ion: 92 Resp: 301649
Ion Ratio Lower Upper
92 100
91 173.4 137.5 206.3

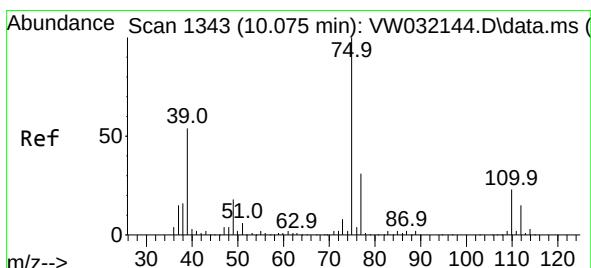
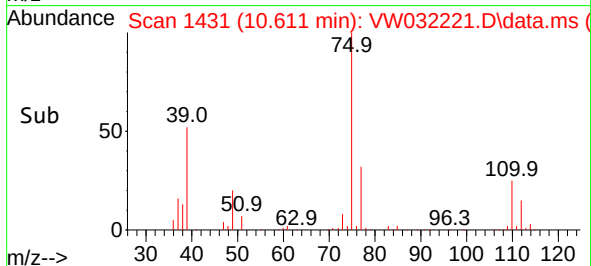
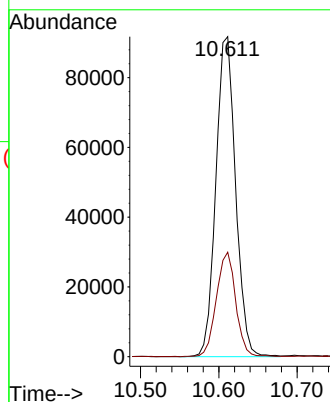
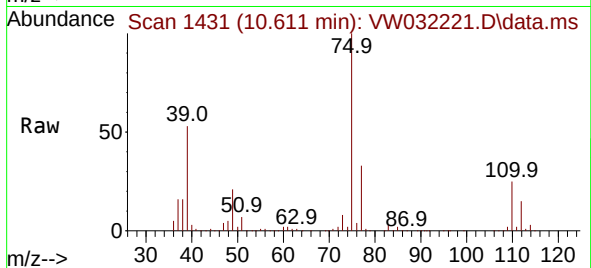




#53
t-1,3-Dichloropropene
Concen: 51.897 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

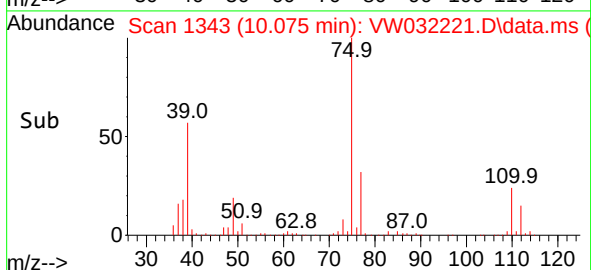
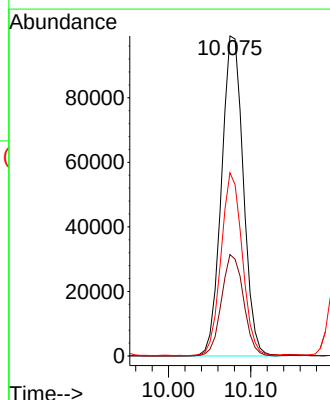
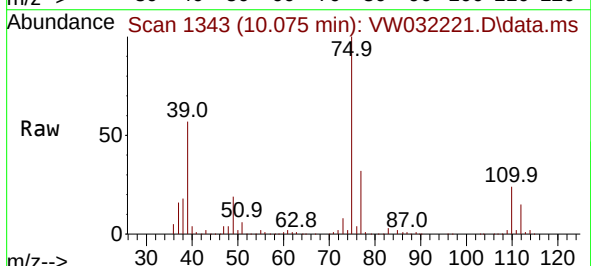
Instrument :
MSVOA_W
ClientSampleId :

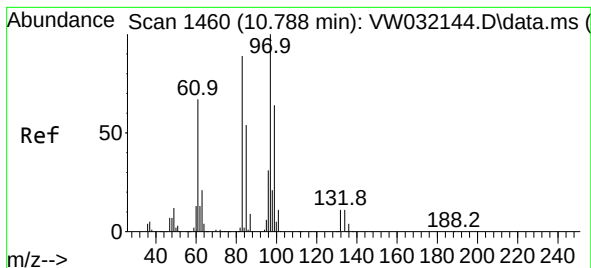
Tgt Ion: 75 Resp: 160783
Ion Ratio Lower Upper
75 100
77 32.7 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 51.612 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

Tgt Ion: 75 Resp: 182449
Ion Ratio Lower Upper
75 100
77 31.7 25.1 37.7
39 57.0 43.2 64.8

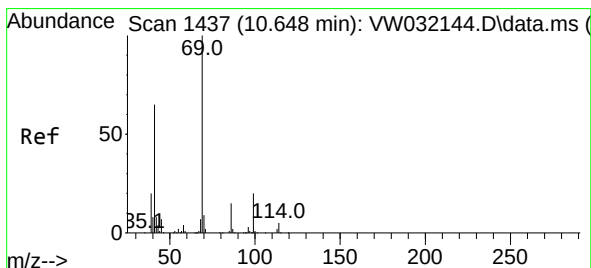
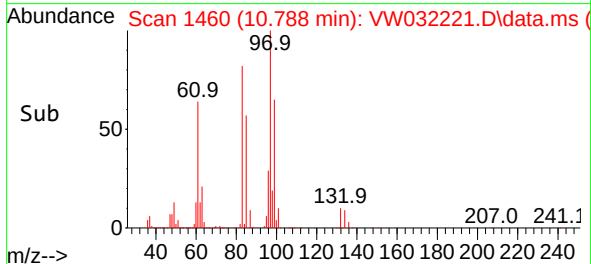
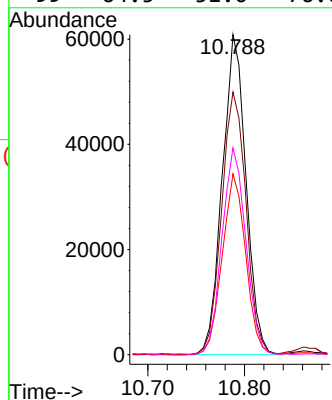
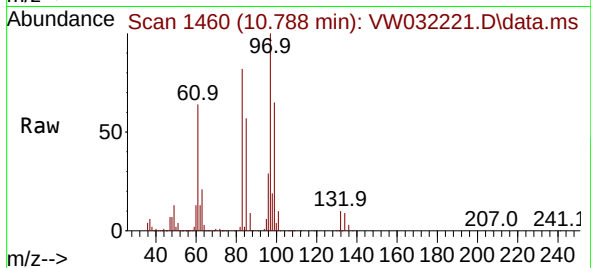




#55
1,1,2-Trichloroethane
Concen: 51.590 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

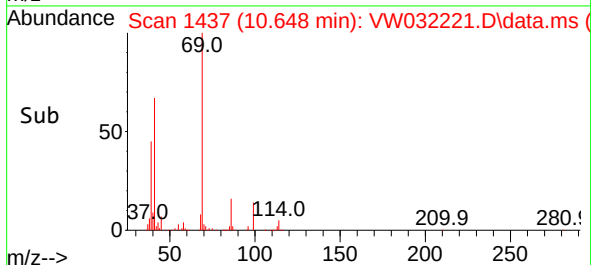
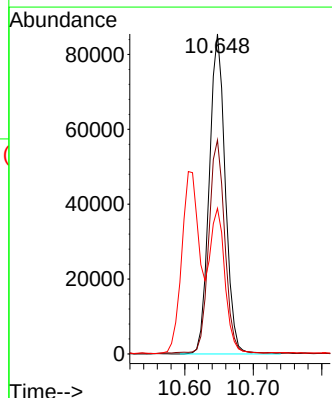
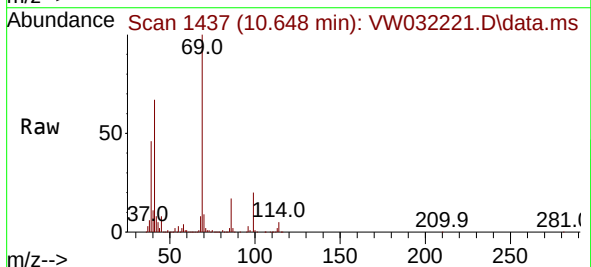
Instrument :
MSVOA_W
ClientSampleId :

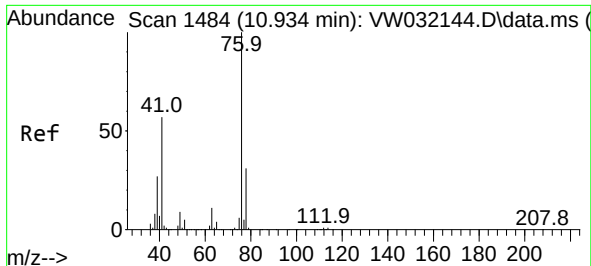
Tgt Ion:	97	Resp:	103675
Ion	Ratio	Lower	Upper
97	100		
83	82.0	71.0	106.6
85	56.5	42.8	64.2
99	64.5	51.0	76.6



#56
Ethyl methacrylate
Concen: 54.084 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

Tgt Ion:	69	Resp:	138950
Ion	Ratio	Lower	Upper
69	100		
41	67.0	53.2	79.8
39	42.3	32.9	49.3

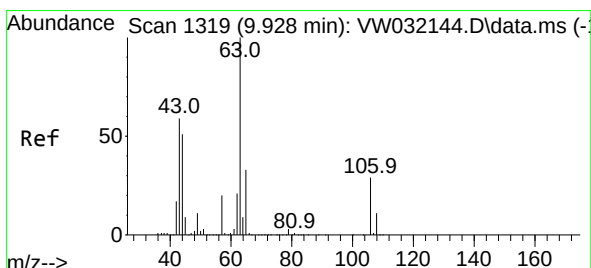
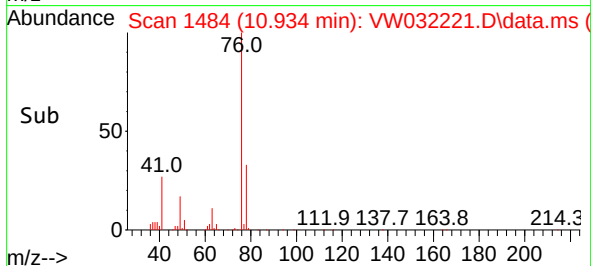
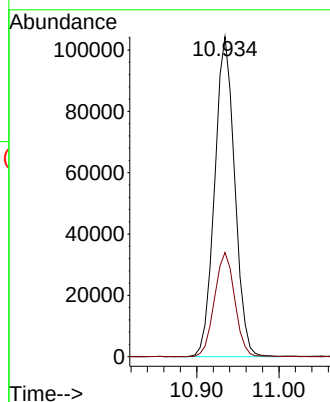
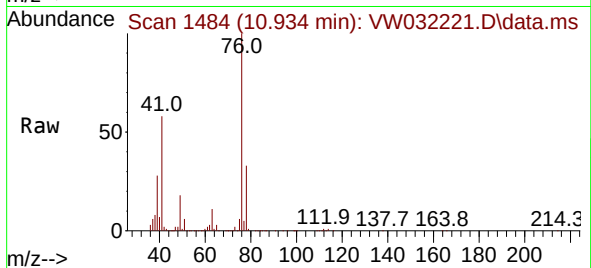




#57
1,3-Dichloropropane
Concen: 52.450 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

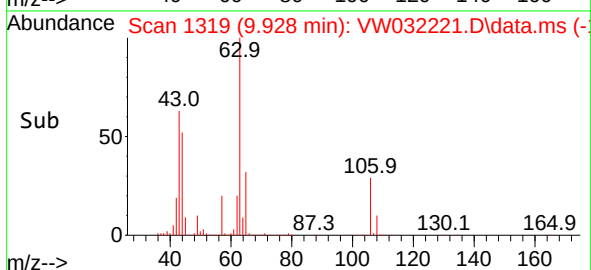
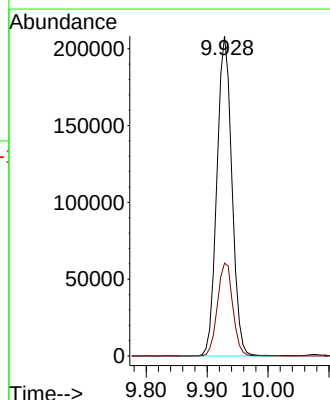
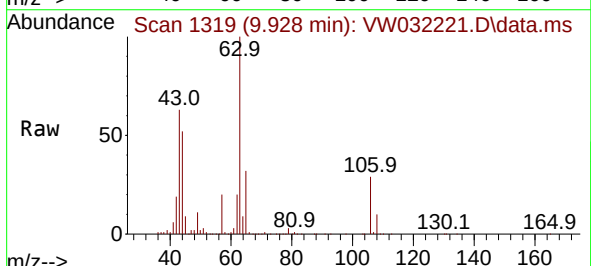
Instrument :
MSVOA_W
ClientSampleId :

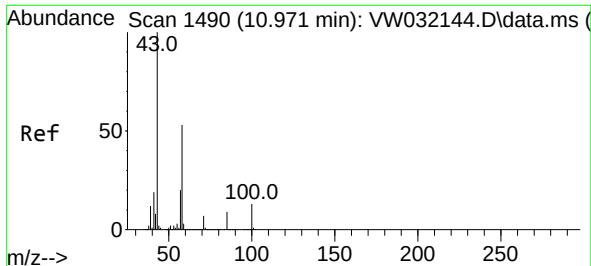
Tgt Ion: 76 Resp: 176488
Ion Ratio Lower Upper
76 100
78 33.1 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 259.796 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

Tgt Ion: 63 Resp: 356261
Ion Ratio Lower Upper
63 100
106 29.7 24.3 36.5

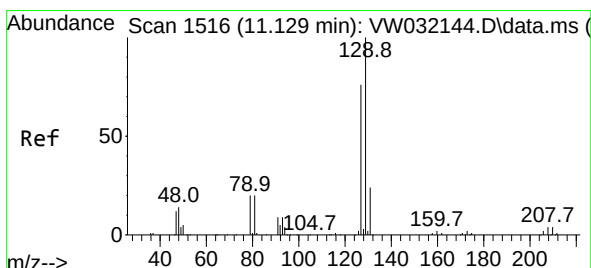
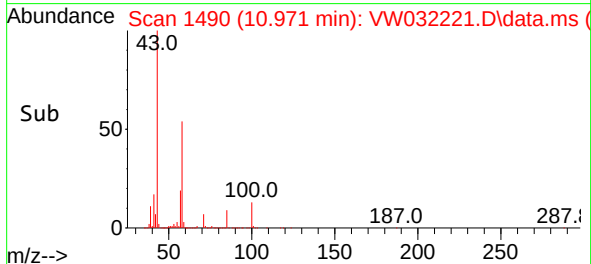
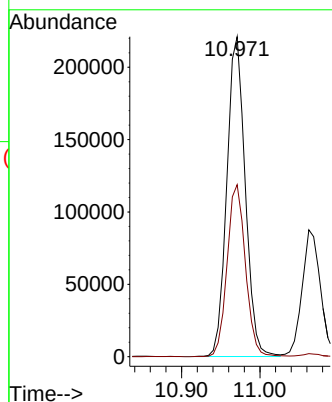
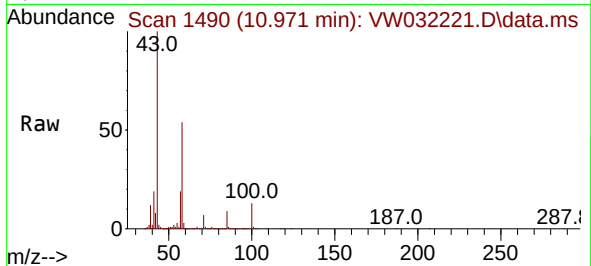




#59
2-Hexanone
Concen: 276.221 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

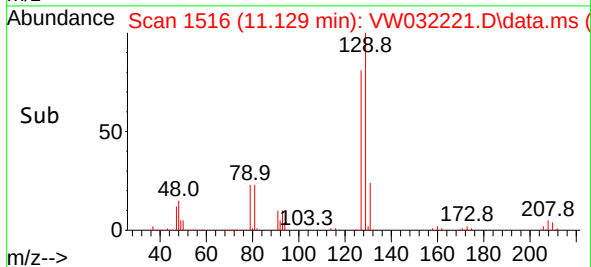
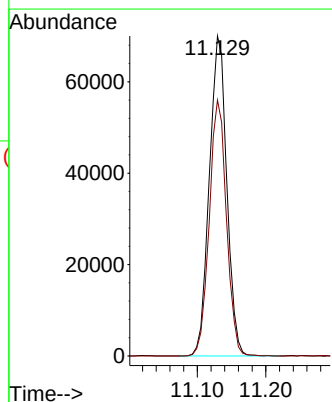
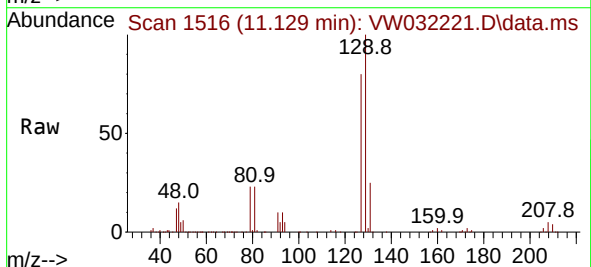
Instrument :
MSVOA_W
ClientSampleId :

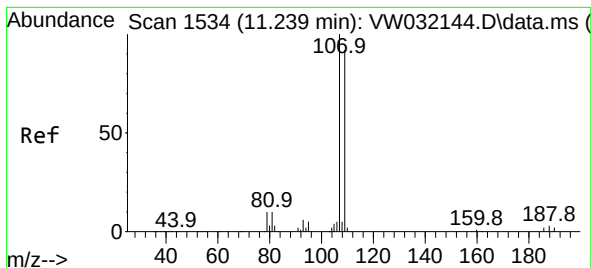
Tgt Ion: 43 Resp: 360959
Ion Ratio Lower Upper
43 100
58 53.5 27.5 82.4



#60
Dibromochloromethane
Concen: 51.013 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

Tgt Ion: 129 Resp: 124048
Ion Ratio Lower Upper
129 100
127 78.7 38.1 114.5

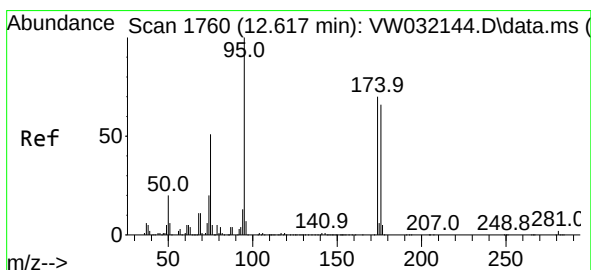
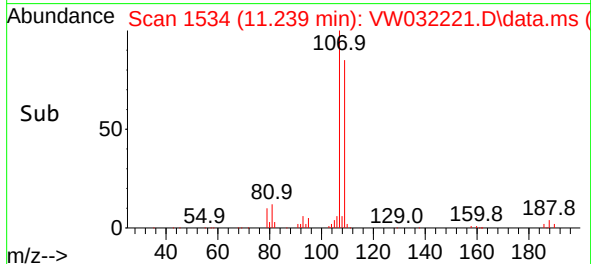
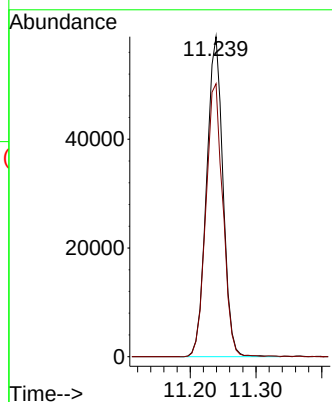
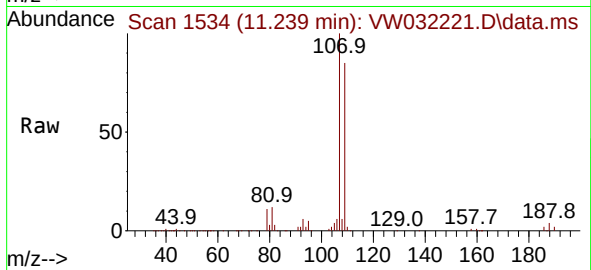




#61
1,2-Dibromoethane
Concen: 51.626 ug/l
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

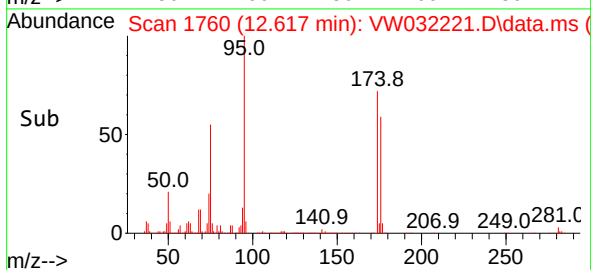
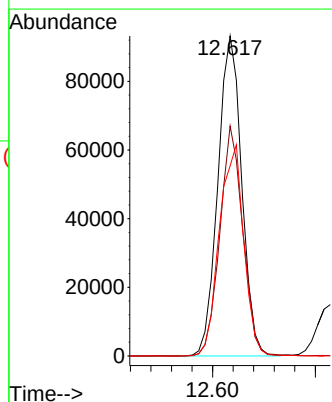
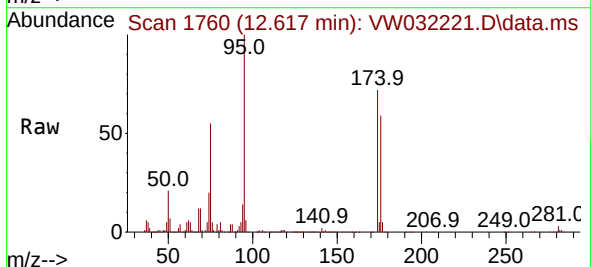
Instrument :
MSVOA_W
ClientSampleId :

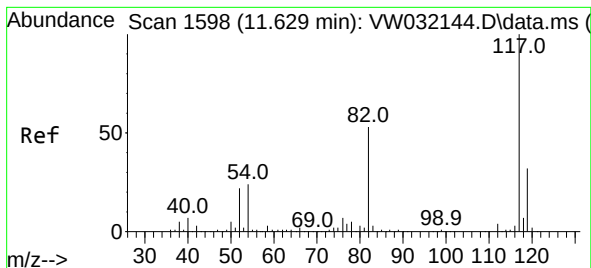
Tgt Ion:107 Resp: 102023
Ion Ratio Lower Upper
107 100
109 88.1 74.5 111.7



#62
4-Bromofluorobenzene
Concen: 50.575 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

Tgt Ion: 95 Resp: 149722
Ion Ratio Lower Upper
95 100
174 69.4 0.0 145.6
176 67.7 0.0 140.8

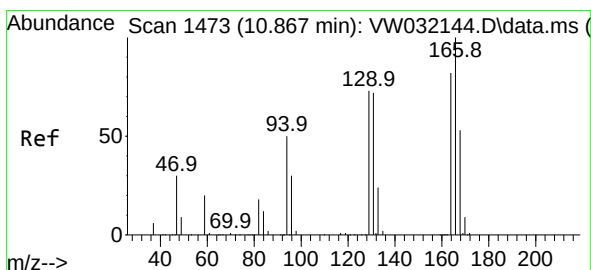
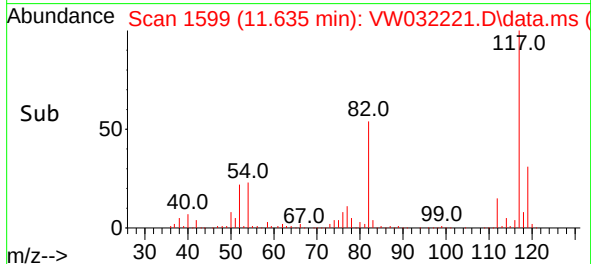
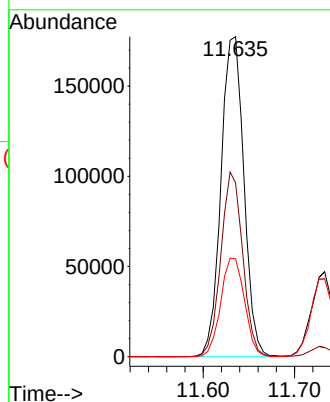
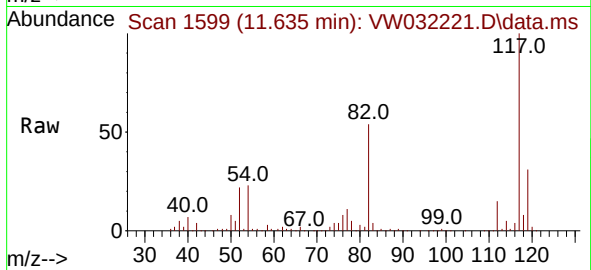




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

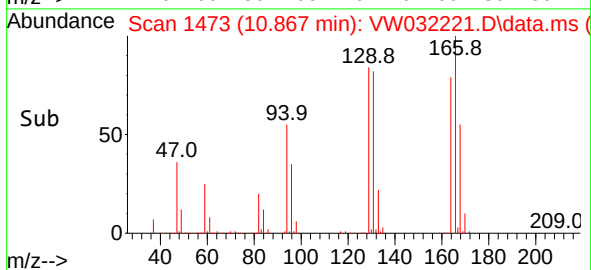
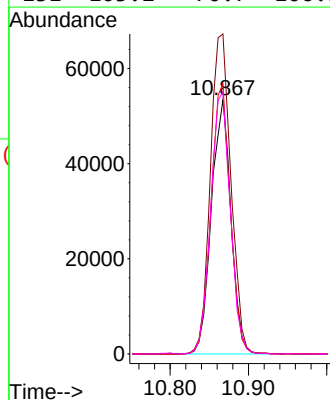
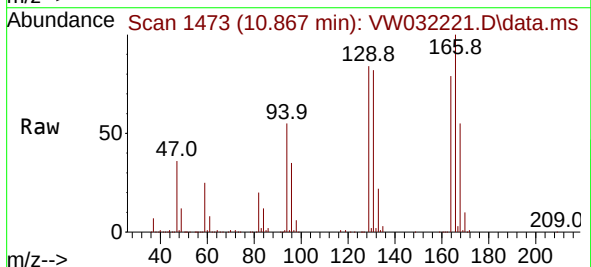
Instrument :
MSVOA_W
ClientSampleId :

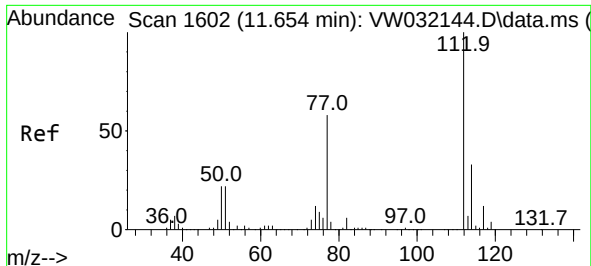
Tgt Ion:117 Resp: 308824
Ion Ratio Lower Upper
117 100
82 54.3 42.7 64.1
119 30.6 25.2 37.8



#64
Tetrachloroethene
Concen: 45.475 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

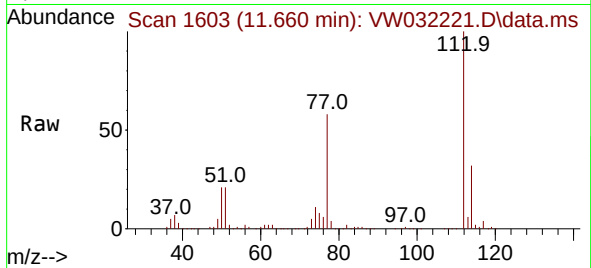
Tgt Ion:164 Resp: 92432
Ion Ratio Lower Upper
164 100
166 125.9 97.5 146.3
129 106.3 71.2 106.8
131 103.2 70.7 106.1



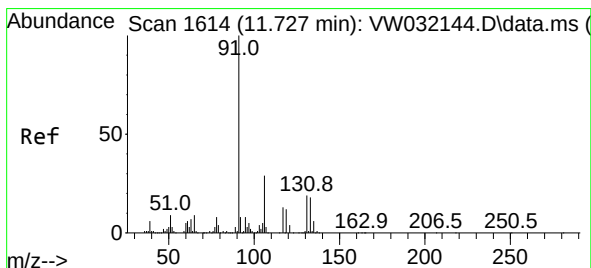
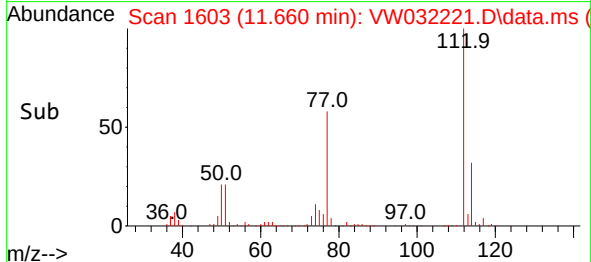
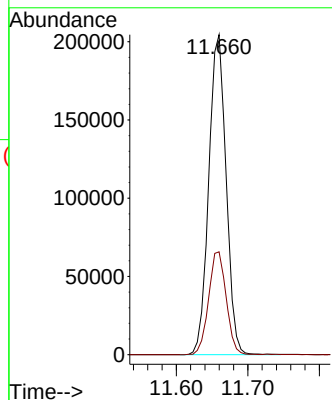


#65
Chlorobenzene
Concen: 49.001 ug/l
RT: 11.660 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

Instrument :
MSVOA_W
ClientSampleId :

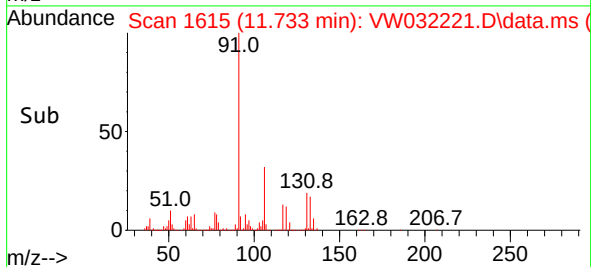
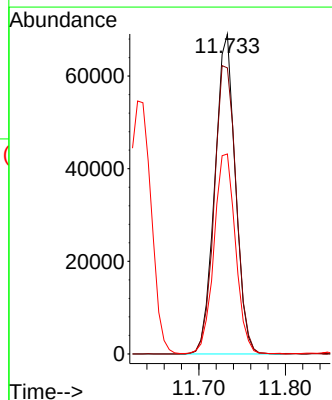
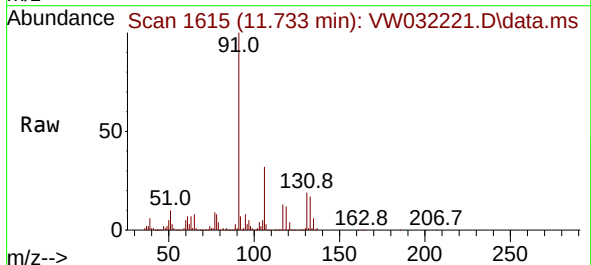


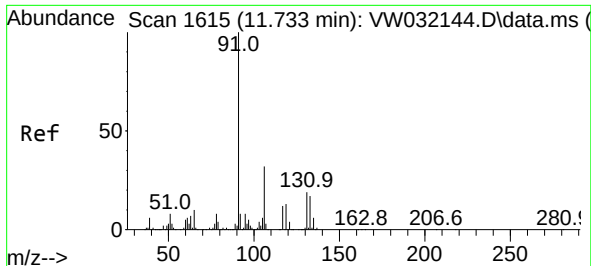
Tgt Ion:112 Resp: 344439
Ion Ratio Lower Upper
112 100
114 32.1 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 49.170 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

Tgt Ion:131 Resp: 113791
Ion Ratio Lower Upper
131 100
133 96.2 47.7 143.1
119 65.8 32.8 98.3





#67

Ethyl Benzene

Concen: 51.214 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. -0.000 min

Lab File: VW032221.D

Acq: 19 Sep 2025 17:17

Instrument :

MSVOA_W

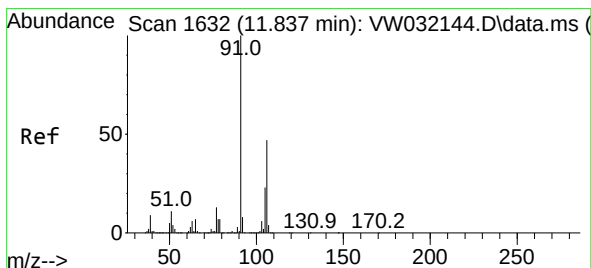
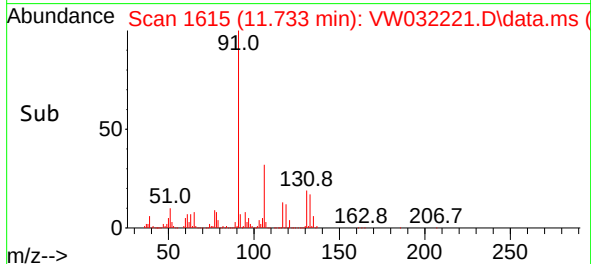
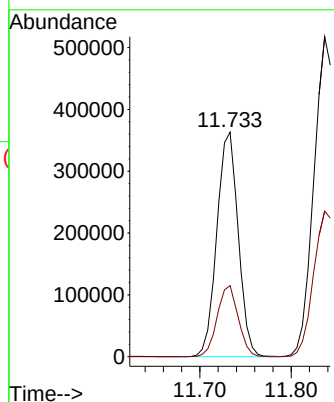
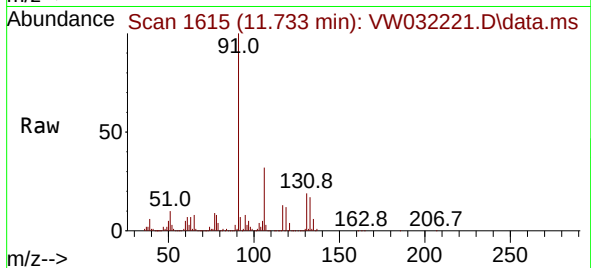
ClientSampleId :

Tgt Ion: 91 Resp: 589833

Ion Ratio Lower Upper

91 100

106 31.7 25.3 37.9



#68

m/p-Xylenes

Concen: 100.765 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032221.D

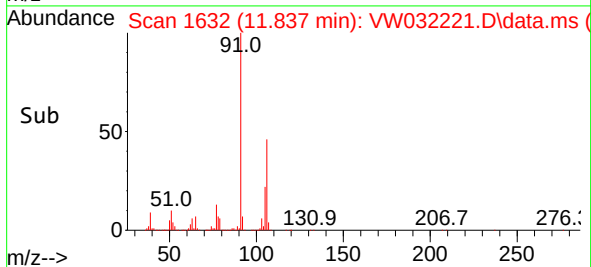
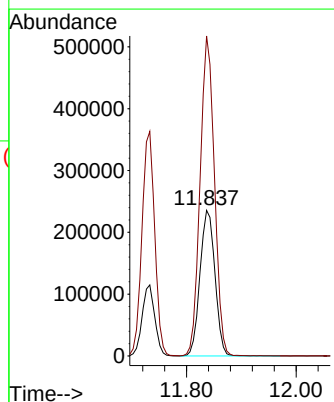
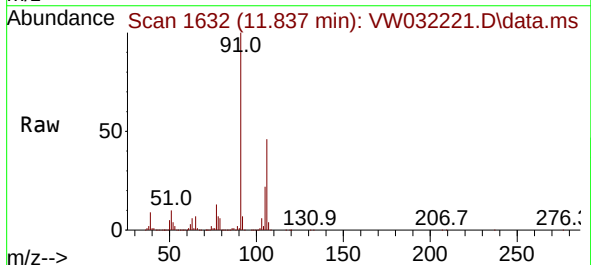
Acq: 19 Sep 2025 17:17

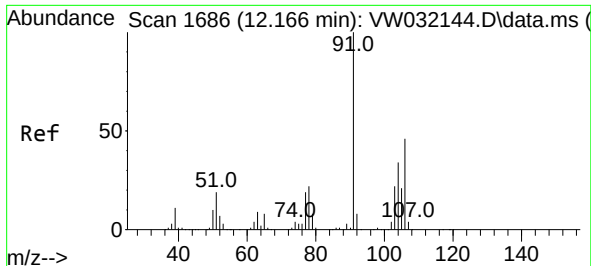
Tgt Ion:106 Resp: 446636

Ion Ratio Lower Upper

106 100

91 210.8 164.2 246.2

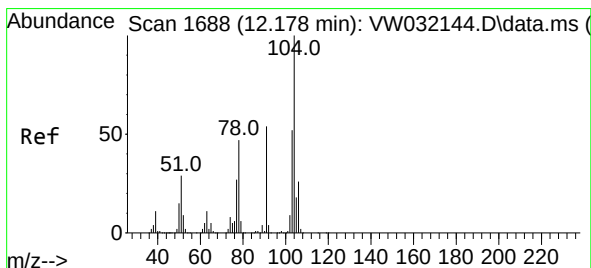
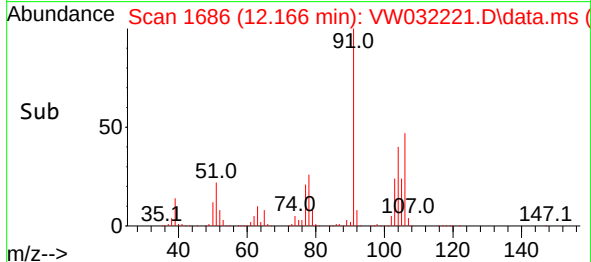
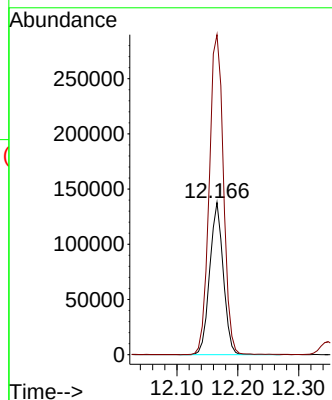
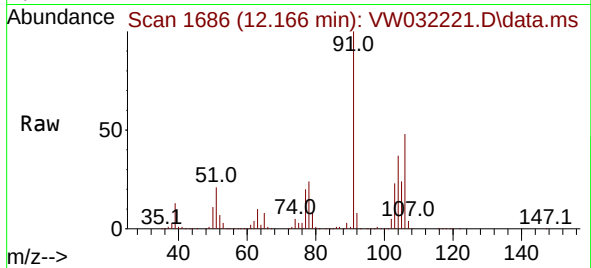




#69
o-Xylene
Concen: 50.659 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

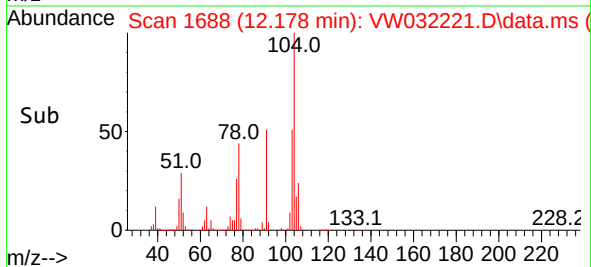
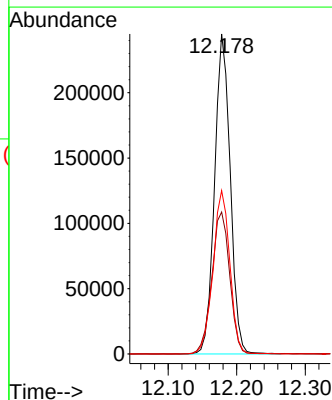
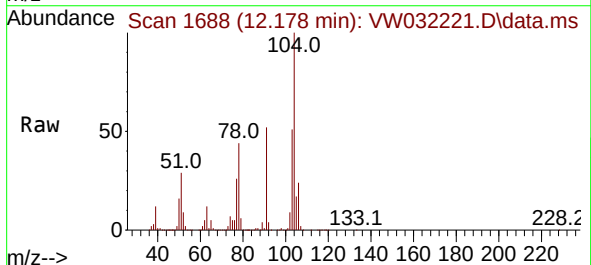
Instrument :
MSVOA_W
ClientSampleId :

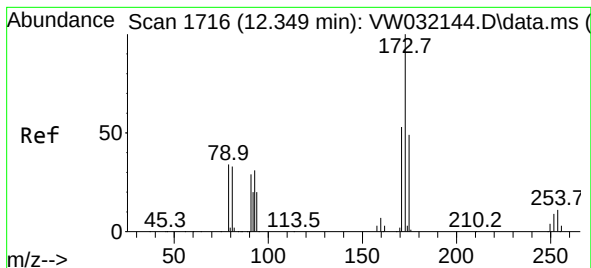
Tgt Ion:106 Resp: 212396
Ion Ratio Lower Upper
106 100
91 220.9 108.7 326.3



#70
Styrene
Concen: 52.503 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

Tgt Ion:104 Resp: 388035
Ion Ratio Lower Upper
104 100
78 50.9 41.6 62.4
103 54.9 44.8 67.2





#71

Bromoform

Concen: 49.023 ug/l

RT: 12.343 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW032221.D

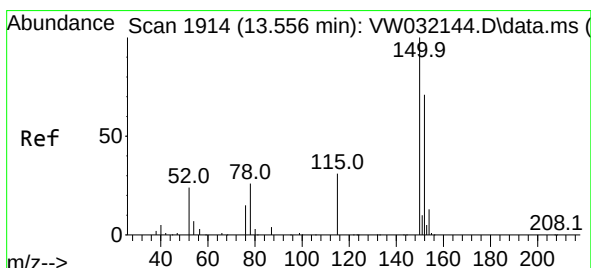
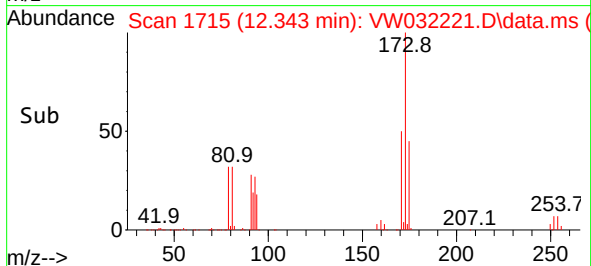
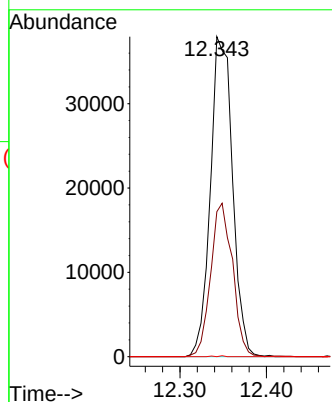
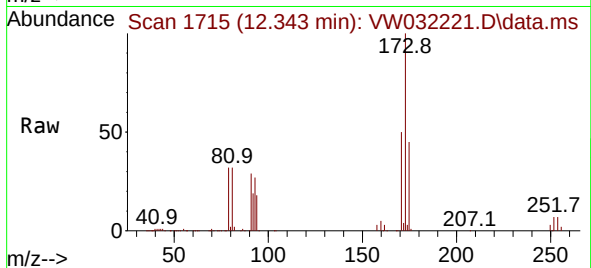
Acq: 19 Sep 2025 17:17

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:173	Resp:	67381
Ion Ratio	Lower	Upper
173	100	
175	47.2	24.9 74.7
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

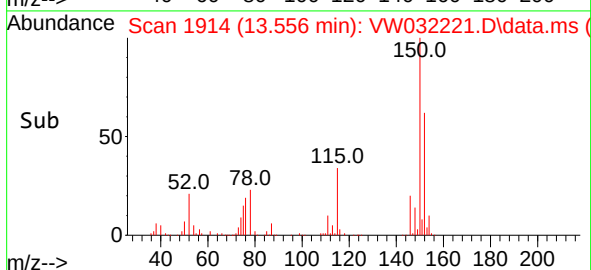
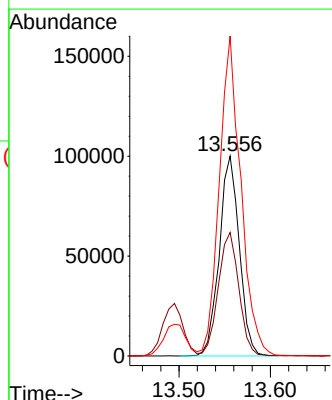
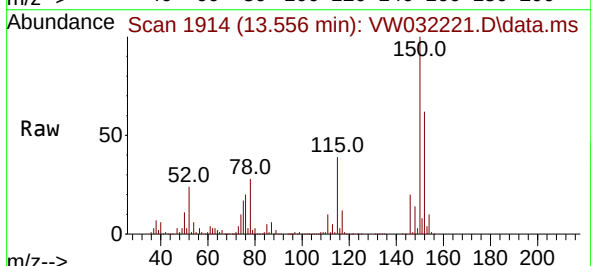
RT: 13.556 min Scan# 1914

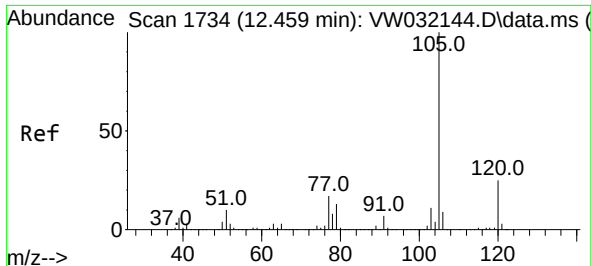
Delta R.T. -0.000 min

Lab File: VW032221.D

Acq: 19 Sep 2025 17:17

Tgt Ion:152	Resp:	152566
Ion Ratio	Lower	Upper
152	100	
115	63.4	31.8 95.4
150	172.1	0.0 343.0

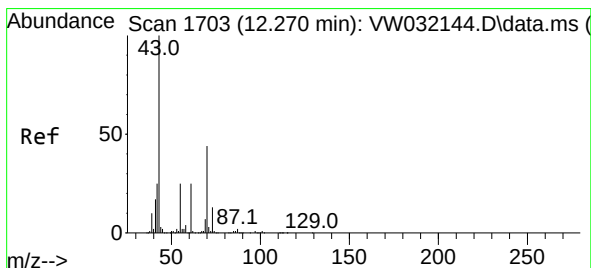
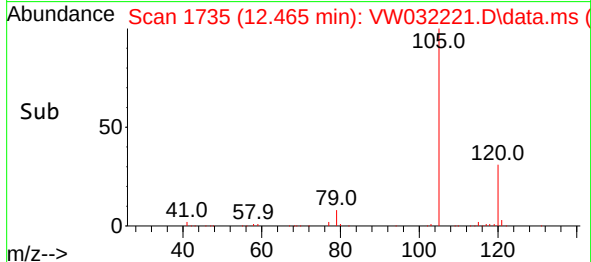
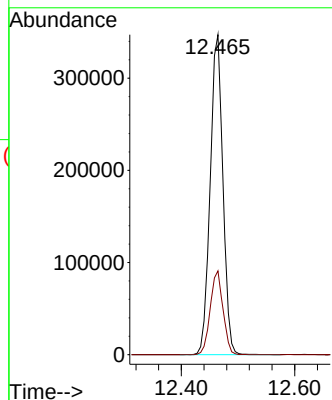
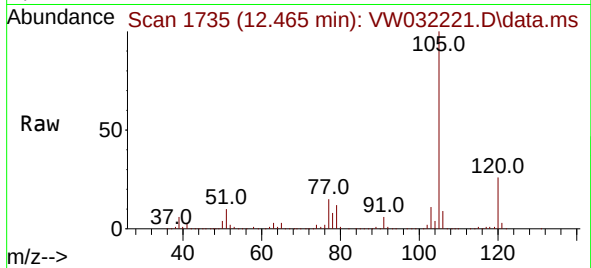




#73
Isopropylbenzene
Concen: 52.099 ug/l
RT: 12.465 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

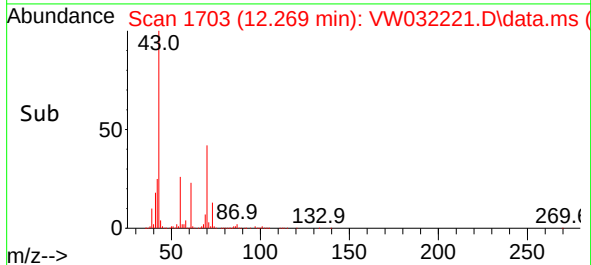
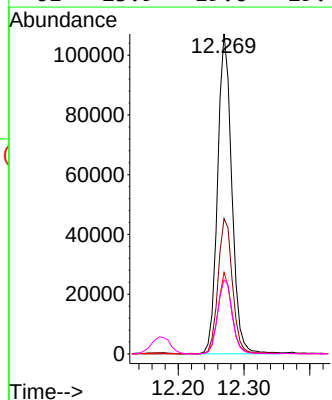
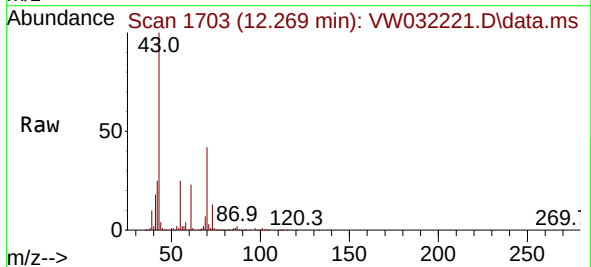
Instrument :
MSVOA_W
ClientSampleId :

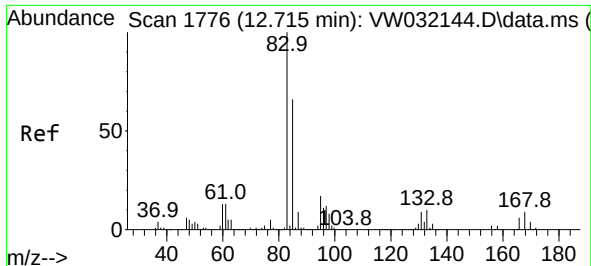
Tgt Ion:105 Resp: 539996
Ion Ratio Lower Upper
105 100
120 26.3 13.0 38.9



#74
N-ethyl acetate
Concen: 53.333 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

Tgt Ion: 43 Resp: 160490
Ion Ratio Lower Upper
43 100
70 43.2 35.3 52.9
55 24.9 19.9 29.9
61 23.9 19.6 29.4

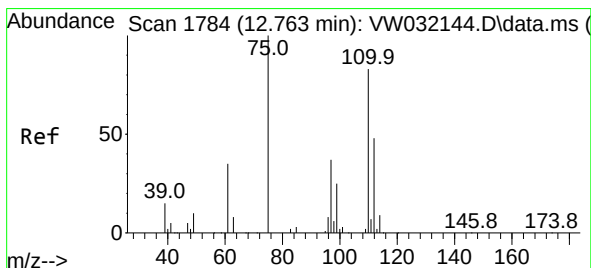
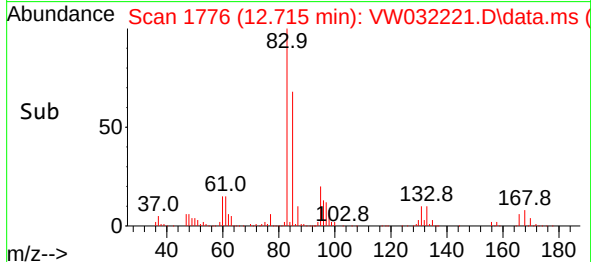
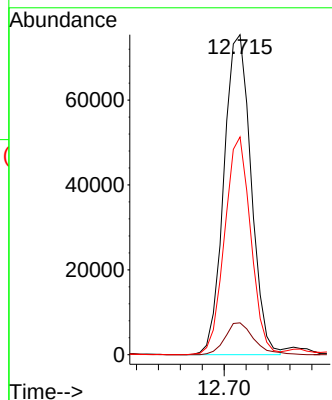
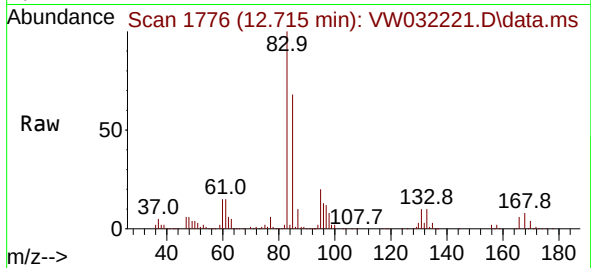




#75
1,1,2,2-Tetrachloroethane
Concen: 52.686 ug/l
RT: 12.715 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

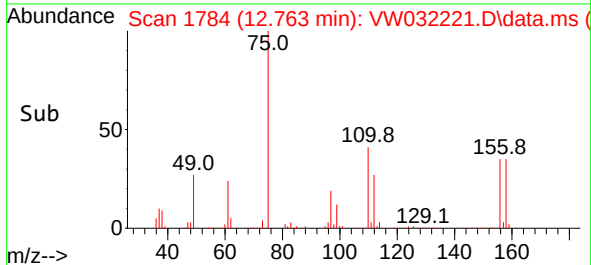
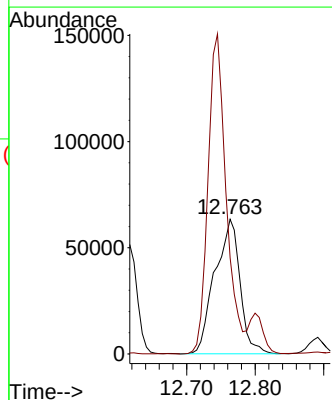
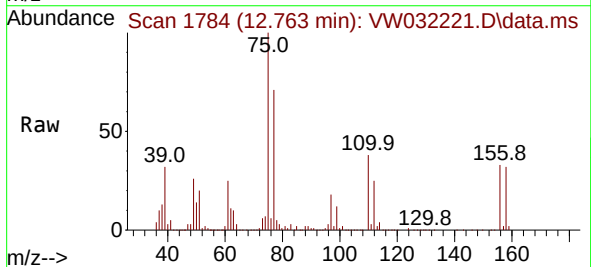
Instrument :
MSVOA_W
ClientSampleId :

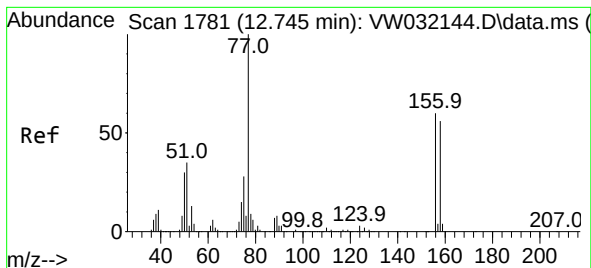
Tgt Ion: 83 Resp: 129776
Ion Ratio Lower Upper
83 100
131 10.6 5.1 15.4
85 65.5 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 84.174 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

Tgt Ion: 75 Resp: 160885
Ion Ratio Lower Upper
75 100
77 172.0 141.7 425.1





#77

Bromobenzene

Concen: 50.633 ug/l

RT: 12.745 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032221.D

Acq: 19 Sep 2025 17:17

Instrument :

MSVOA_W

ClientSampleId :

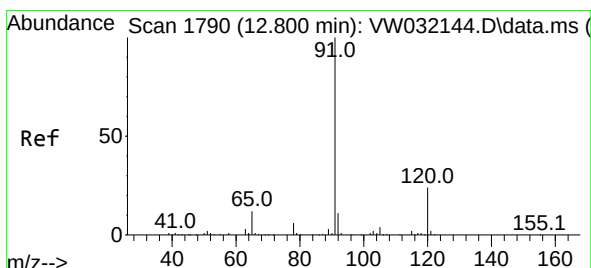
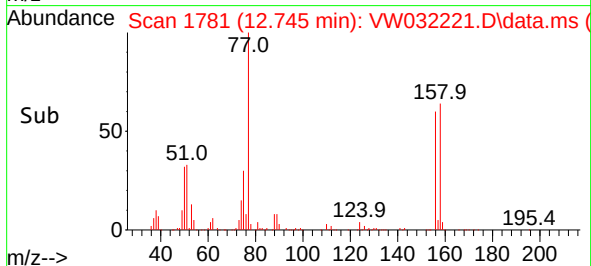
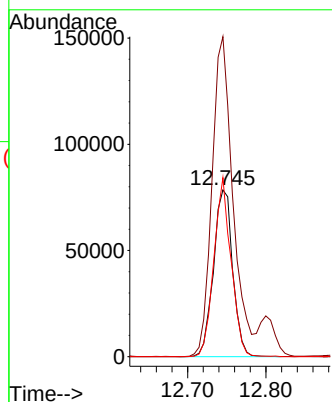
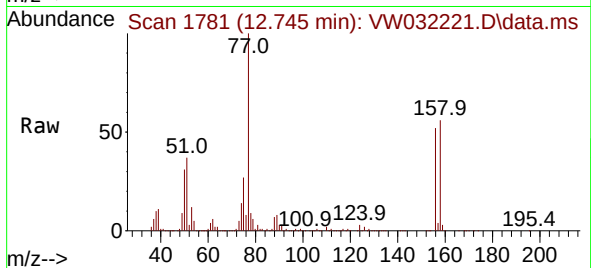
Tgt Ion:156 Resp: 133828

Ion Ratio Lower Upper

156 100

77 206.7 98.6 295.7

158 96.4 48.4 145.0



#78

n-propylbenzene

Concen: 54.329 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VW032221.D

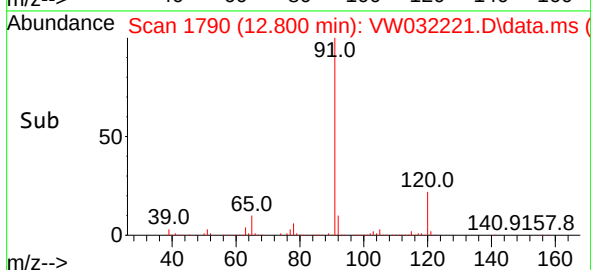
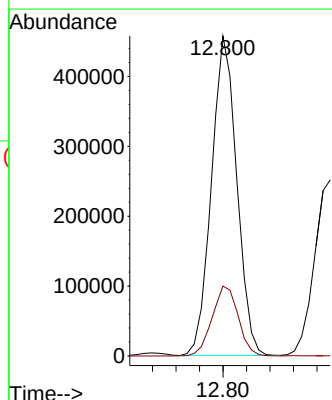
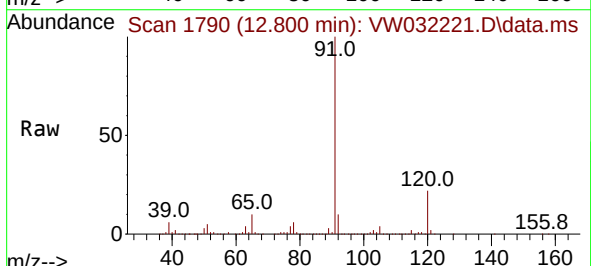
Acq: 19 Sep 2025 17:17

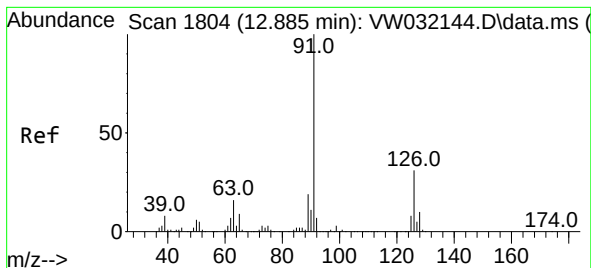
Tgt Ion: 91 Resp: 683657

Ion Ratio Lower Upper

91 100

120 22.5 11.8 35.4





#79

2-Chlorotoluene

Concen: 53.156 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VW032221.D

Acq: 19 Sep 2025 17:17

Instrument :

MSVOA_W

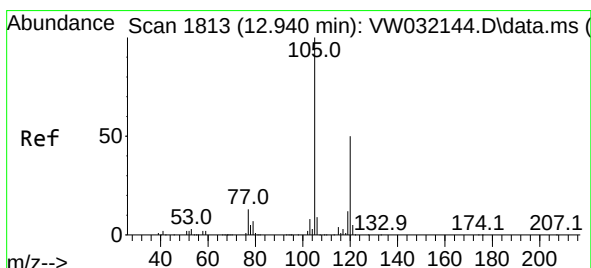
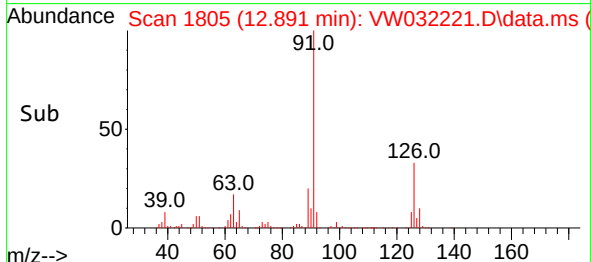
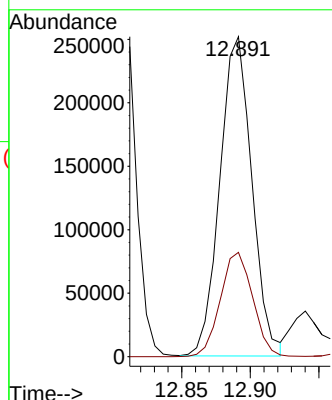
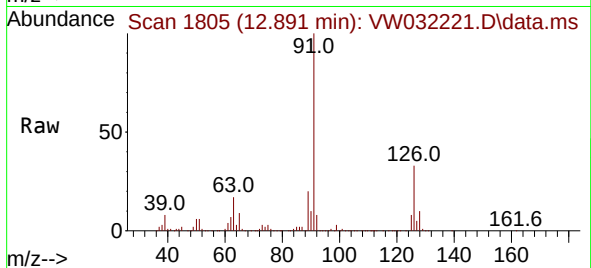
ClientSampleId :

Tgt Ion: 91 Resp: 409036

Ion Ratio Lower Upper

91 100

126 33.1 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 53.164 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW032221.D

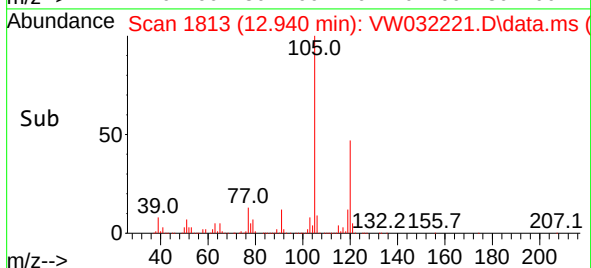
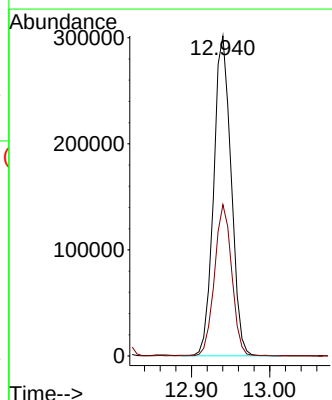
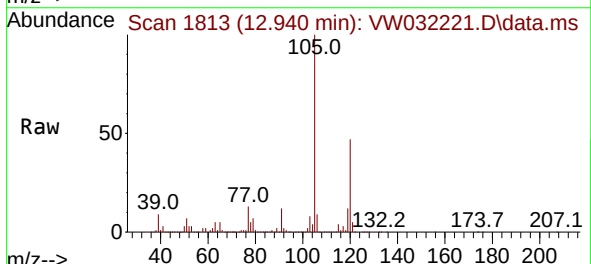
Acq: 19 Sep 2025 17:17

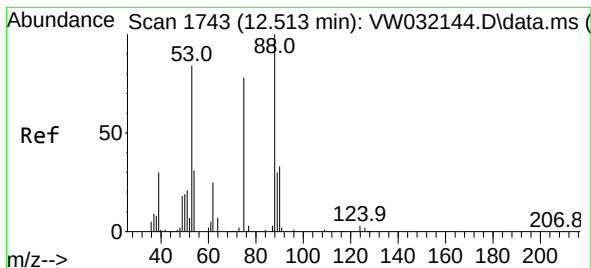
Tgt Ion:105 Resp: 466537

Ion Ratio Lower Upper

105 100

120 46.6 24.8 74.4

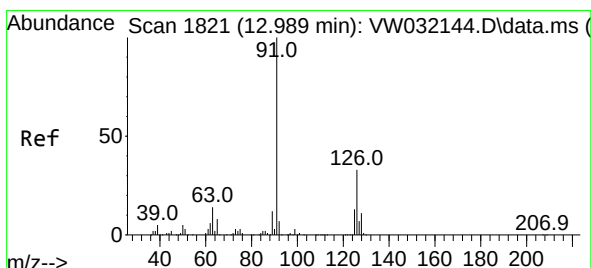
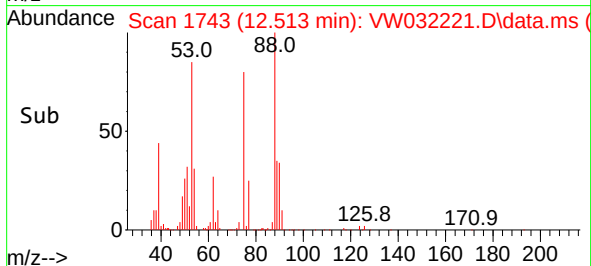
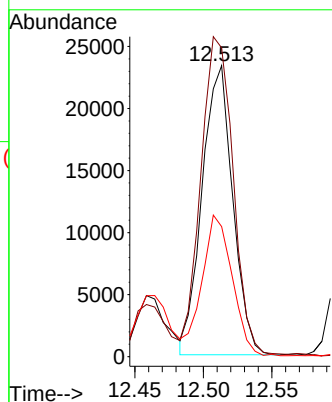
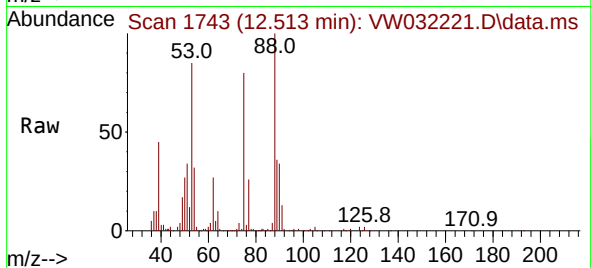




#81
trans-1,4-Dichloro-2-butene
Concen: 51.139 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

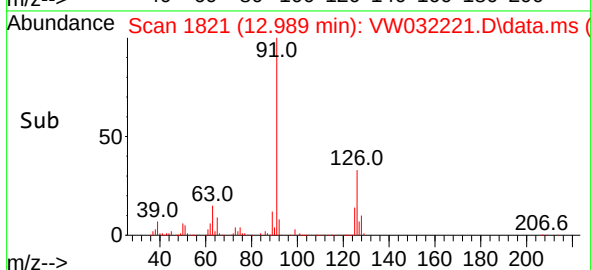
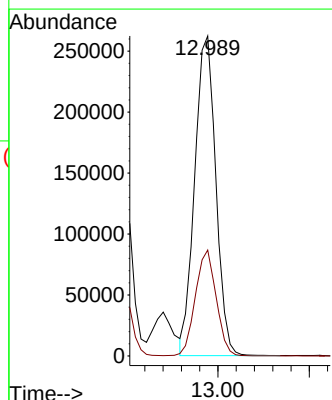
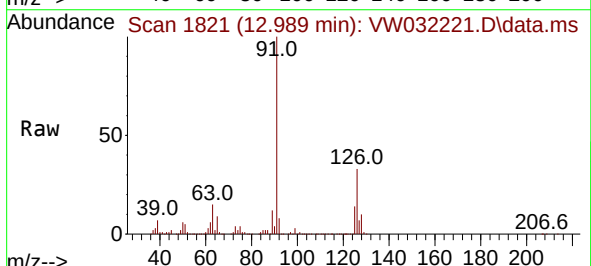
Instrument :
MSVOA_W
ClientSampleId :

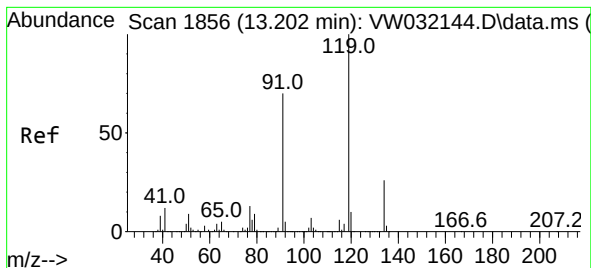
Tgt Ion: 75 Resp: 36303
Ion Ratio Lower Upper
75 100
53 115.5 91.0 136.6
89 48.3 39.4 59.2



#82
4-Chlorotoluene
Concen: 50.997 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

Tgt Ion: 91 Resp: 420052
Ion Ratio Lower Upper
91 100
126 32.8 16.1 48.2





#83

tert-Butylbenzene

Concen: 53.922 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. -0.000 min

Lab File: VW032221.D

Acq: 19 Sep 2025 17:17

Instrument :

MSVOA_W

ClientSampleId :

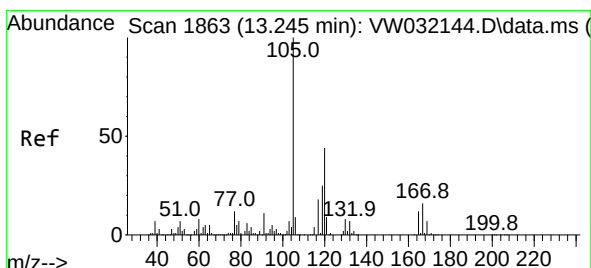
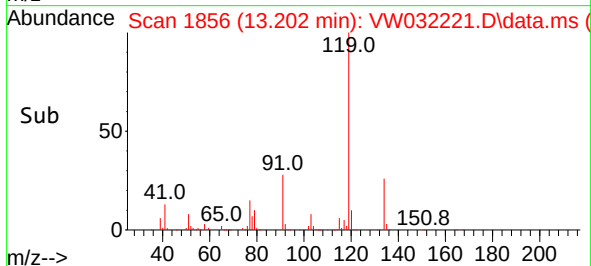
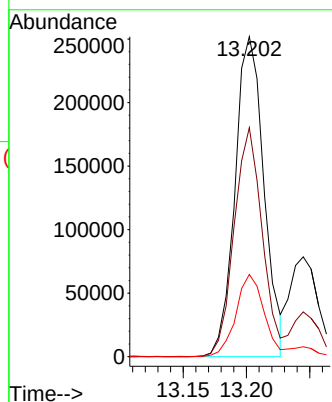
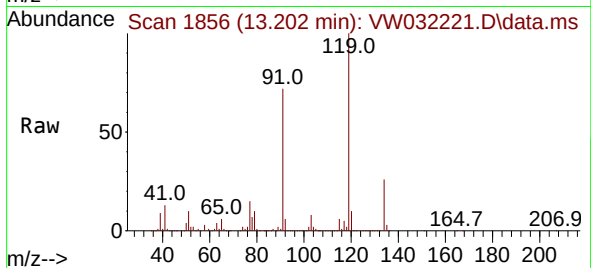
Tgt Ion:119 Resp: 401216

Ion Ratio Lower Upper

119 100

91 69.1 33.8 101.3

134 25.3 12.5 37.5



#84

1,2,4-Trimethylbenzene

Concen: 53.932 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW032221.D

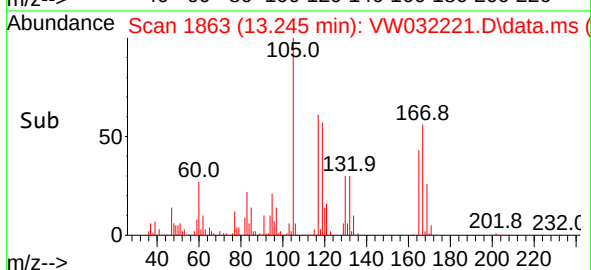
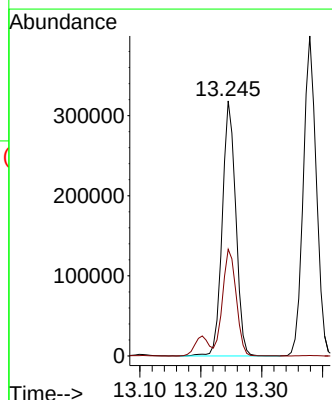
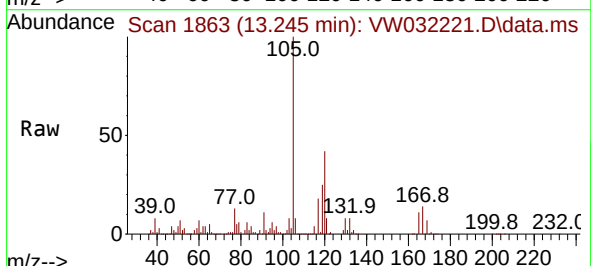
Acq: 19 Sep 2025 17:17

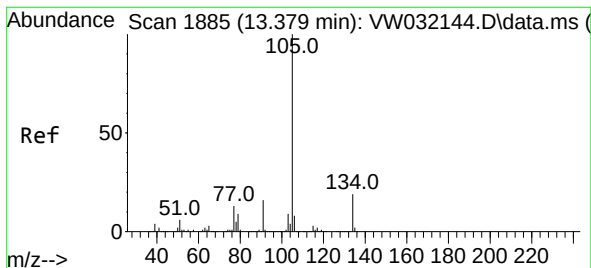
Tgt Ion:105 Resp: 489647

Ion Ratio Lower Upper

105 100

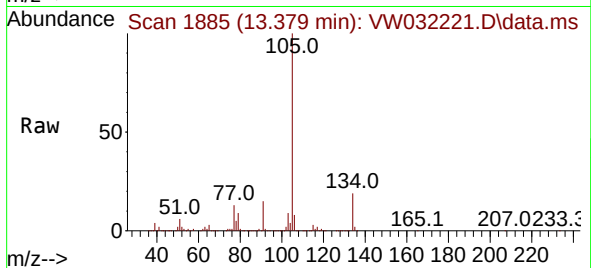
120 42.1 22.1 66.3



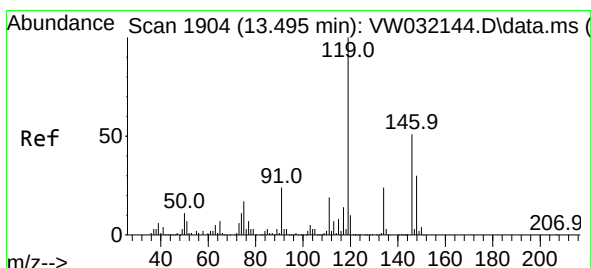
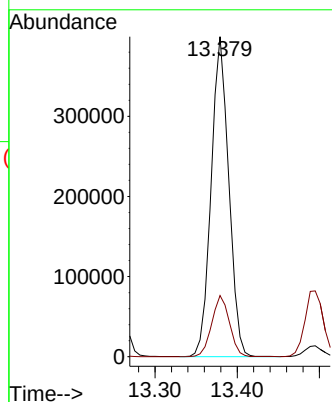
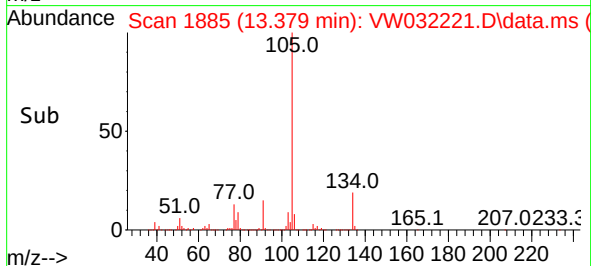


#85
sec-Butylbenzene
Concen: 53.409 ug/l
RT: 13.379 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

Instrument :
MSVOA_W
ClientSampleId :

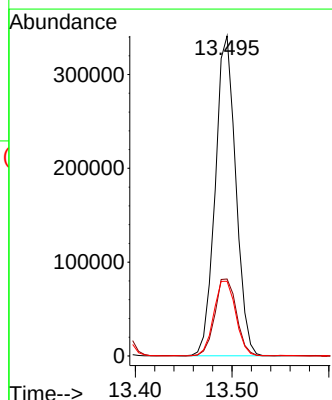
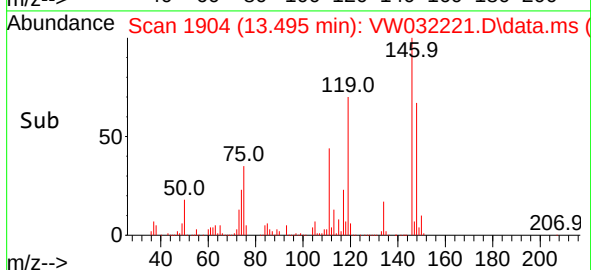
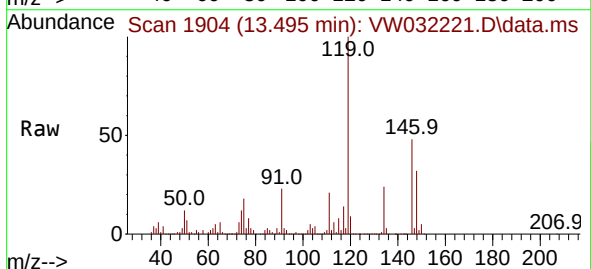


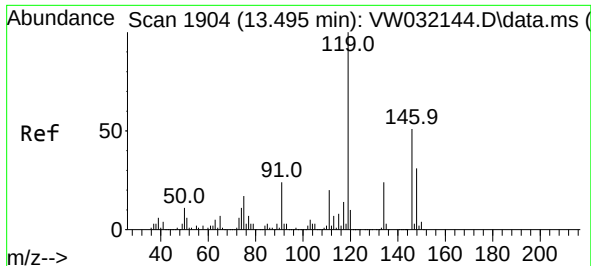
Tgt Ion:105 Resp: 593332
Ion Ratio Lower Upper
105 100
134 19.3 10.1 30.1



#86
p-Isopropyltoluene
Concen: 53.056 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

Tgt Ion:119 Resp: 501243
Ion Ratio Lower Upper
119 100
134 25.4 12.6 37.6
91 25.0 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 50.082 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032221.D

Acq: 19 Sep 2025 17:17

Instrument :

MSVOA_W

ClientSampleId :

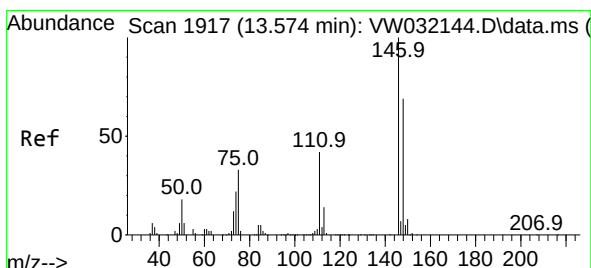
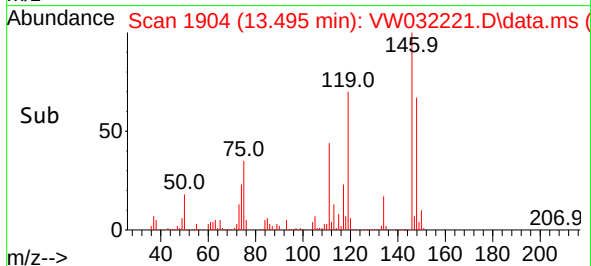
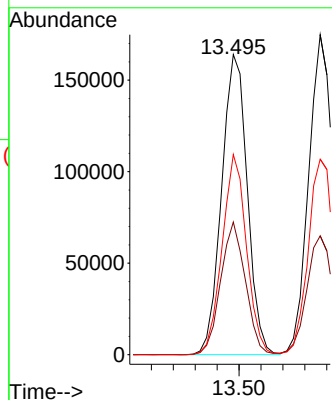
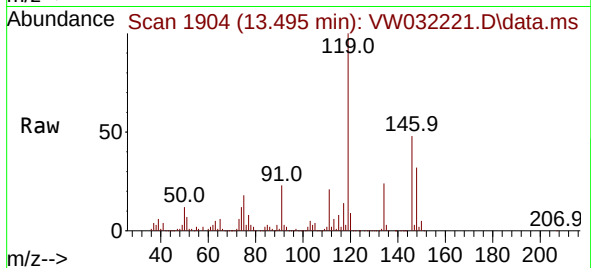
Tgt Ion:146 Resp: 266531

Ion Ratio Lower Upper

146 100

111 42.6 20.6 61.9

148 63.4 30.6 92.0



#88

1,4-Dichlorobenzene

Concen: 51.069 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032221.D

Acq: 19 Sep 2025 17:17

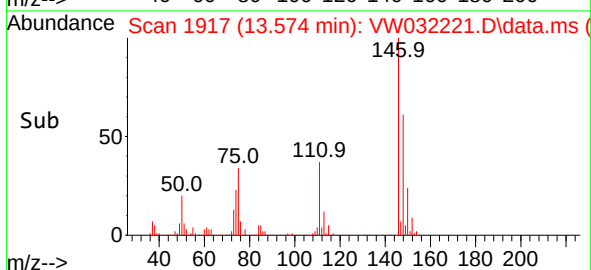
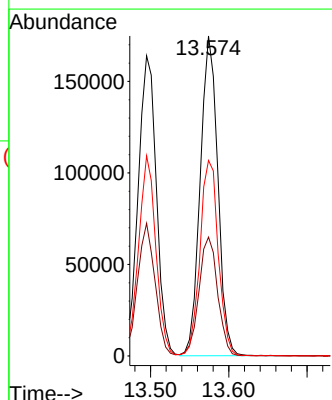
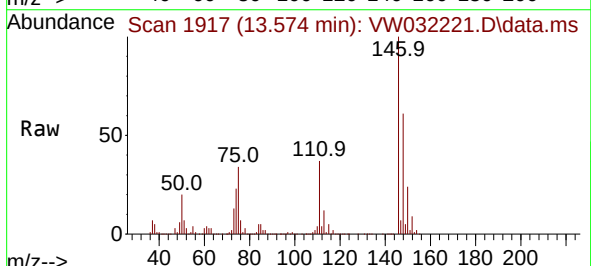
Tgt Ion:146 Resp: 272422

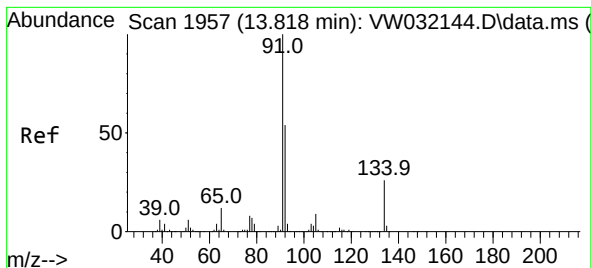
Ion Ratio Lower Upper

146 100

111 39.6 21.3 63.7

148 63.7 33.4 100.1





#89

n-Butylbenzene

Concen: 54.473 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW032221.D

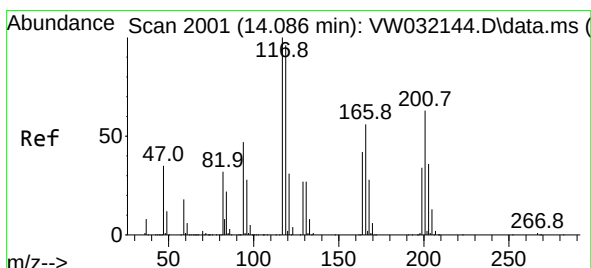
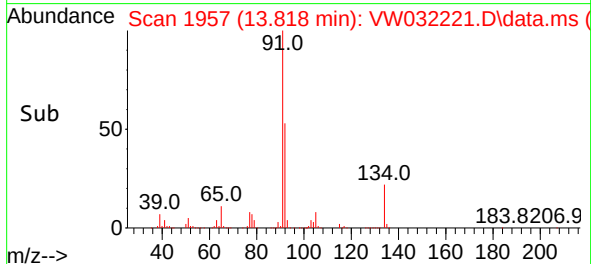
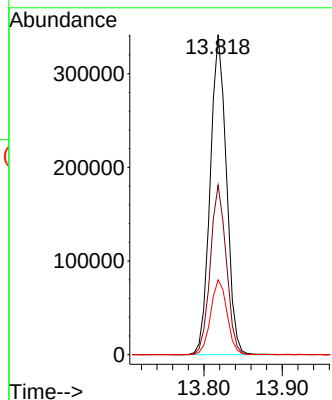
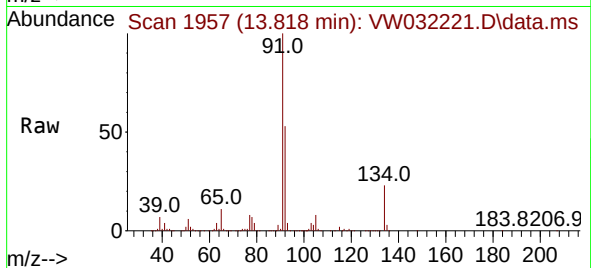
Acq: 19 Sep 2025 17:17

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	91	Resp:	490637
Ion	Ratio	Lower	Upper
91	100		
92	52.4	27.0	81.0
134	23.7	13.1	39.3



#90

Hexachloroethane

Concen: 51.180 ug/l

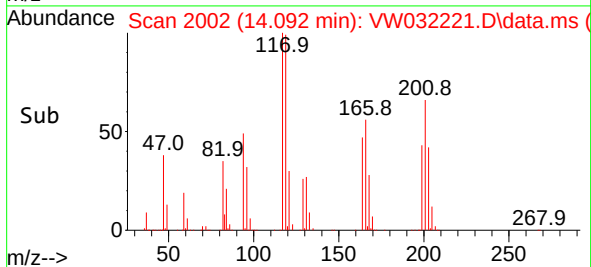
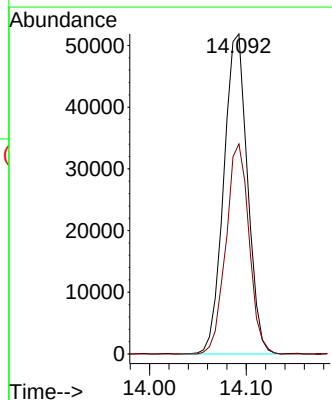
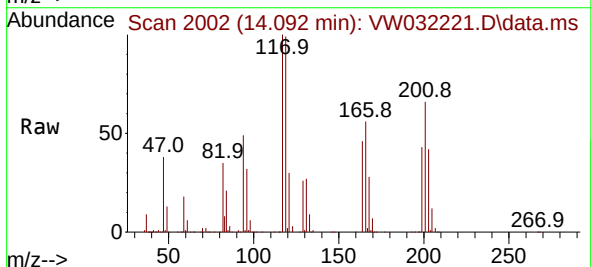
RT: 14.092 min Scan# 2002

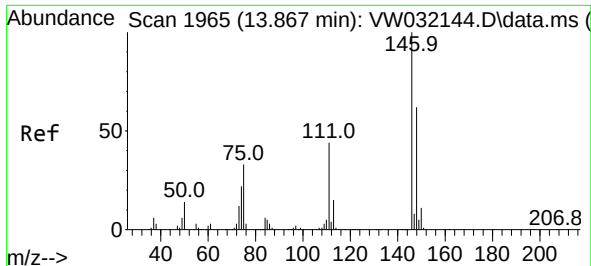
Delta R.T. 0.006 min

Lab File: VW032221.D

Acq: 19 Sep 2025 17:17

Tgt Ion:	117	Resp:	88442
Ion	Ratio	Lower	Upper
117	100		
201	64.0	32.8	98.4





#91

1,2-Dichlorobenzene

Concen: 51.015 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

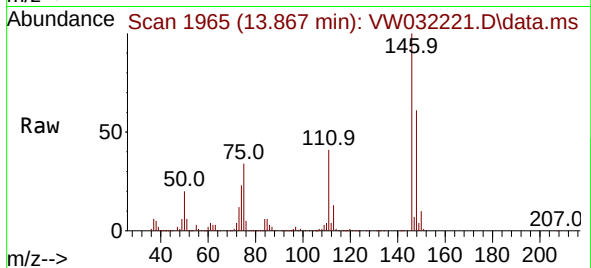
Lab File: VW032221.D

Acq: 19 Sep 2025 17:17

Instrument :

MSVOA_W

ClientSampleId :



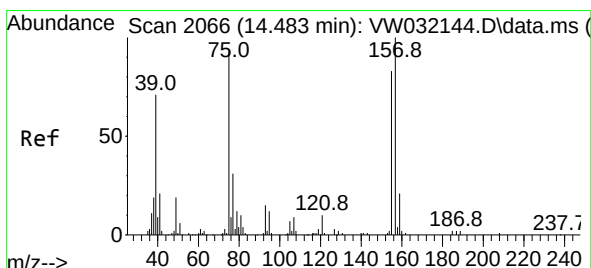
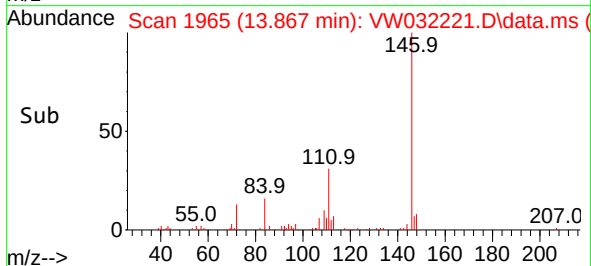
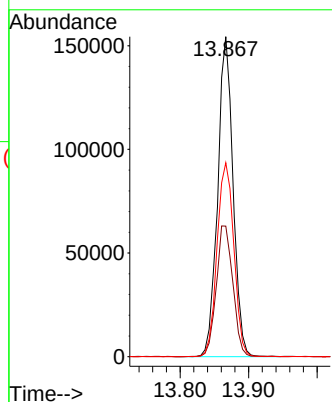
Tgt Ion:146 Resp: 240373

Ion Ratio Lower Upper

146 100

111 44.1 23.4 70.0

148 66.0 34.1 102.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.274 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW032221.D

Acq: 19 Sep 2025 17:17

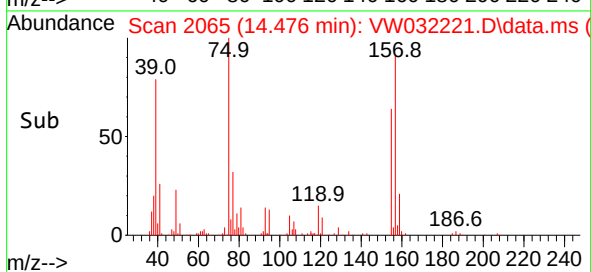
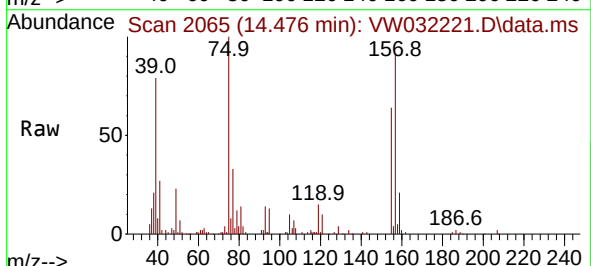
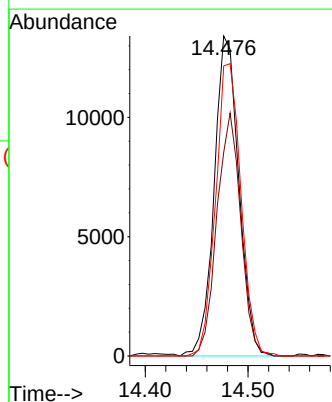
Tgt Ion: 75 Resp: 22312

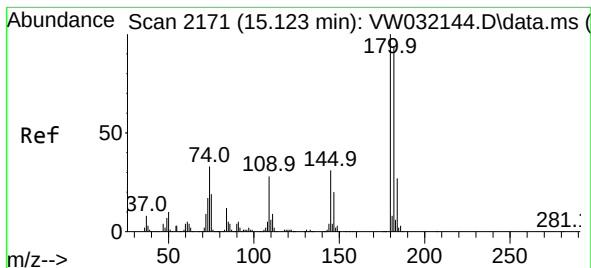
Ion Ratio Lower Upper

75 100

155 73.3 40.8 122.5

157 94.2 51.8 155.4





#93

1,2,4-Trichlorobenzene

Concen: 51.123 ug/l

RT: 15.129 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW032221.D

Acq: 19 Sep 2025 17:17

Instrument :

MSVOA_W

ClientSampleId :

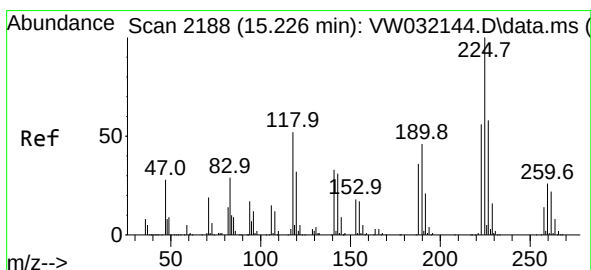
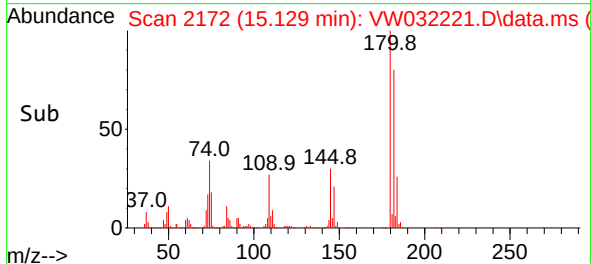
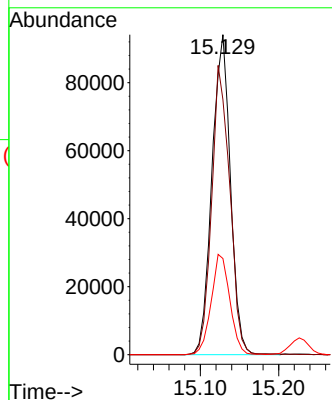
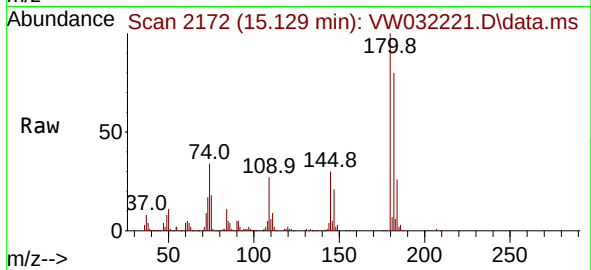
Tgt Ion:180 Resp: 153901

Ion Ratio Lower Upper

180 100

182 89.0 47.4 142.2

145 31.8 16.4 49.1



#94

Hexachlorobutadiene

Concen: 42.231 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.000 min

Lab File: VW032221.D

Acq: 19 Sep 2025 17:17

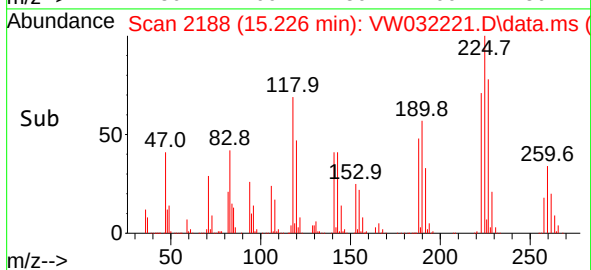
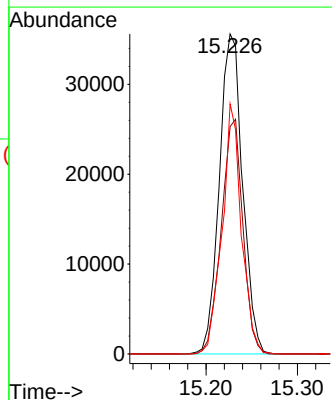
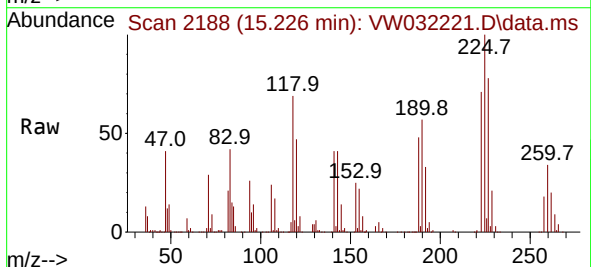
Tgt Ion:225 Resp: 63052

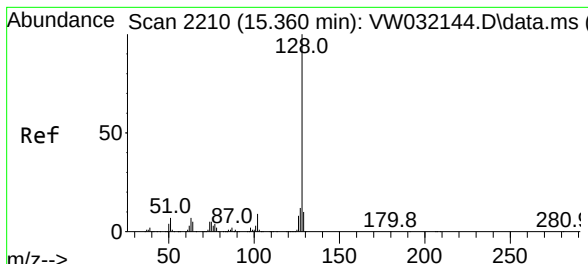
Ion Ratio Lower Upper

225 100

223 68.3 29.8 89.3

227 65.1 30.5 91.5

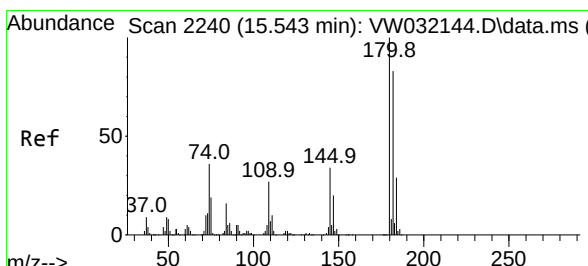
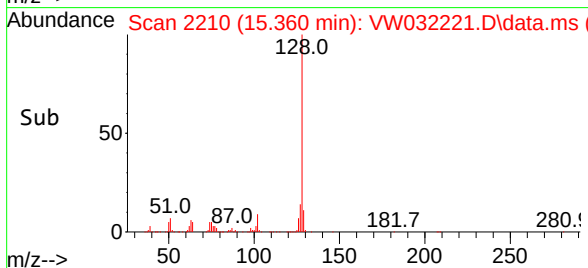
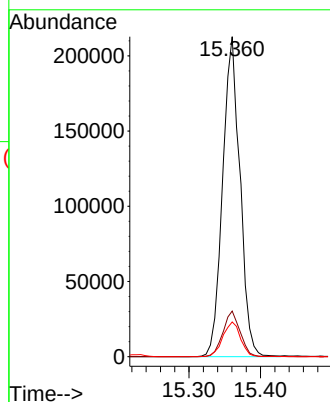
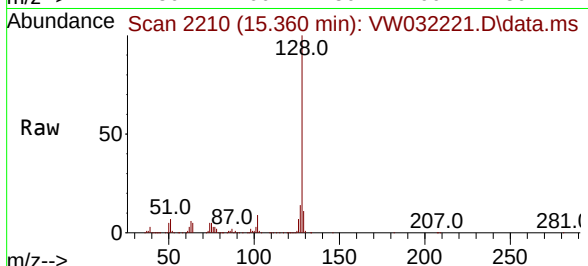




#95
Naphthalene
Concen: 52.620 ug/l
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 358500
Ion Ratio Lower Upper
128 100
127 14.1 10.6 16.0
129 11.1 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 48.339 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW032221.D
Acq: 19 Sep 2025 17:17

Tgt Ion:180 Resp: 135332
Ion Ratio Lower Upper
180 100
182 95.3 47.7 143.1
145 36.5 17.2 51.6

