

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121625\
 Data File : VW032655.D
 Acq On : 16 Dec 2025 14:31
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 17 00:40:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 00:33:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	403905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	718075	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	641878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	286883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	428798	74.007	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 148.020%	
35) Dibromofluoromethane	7.898	113	351067	75.234	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 150.460%#	
50) Toluene-d8	10.325	98	1353610	76.980	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 153.960%#	
62) 4-Bromofluorobenzene	12.617	95	496798	76.815	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 153.620%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.040	85	197201	83.904	ug/l	98
3) Chloromethane	2.253	50	331128	79.382	ug/l	99
4) Vinyl Chloride	2.399	62	443388	83.890	ug/l	99
5) Bromomethane	2.814	94	293237	84.903	ug/l	91
6) Chloroethane	2.960	64	295077	86.520	ug/l	98
7) Trichlorofluoromethane	3.302	101	426757	92.371	ug/l	98
8) Diethyl Ether	3.716	74	261049	89.202	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.100	101	394861	85.838	ug/l	98
10) Methyl Iodide	4.307	142	570560	87.813	ug/l	99
11) Tert butyl alcohol	5.216	59	172233	450.270	ug/l	99
12) 1,1-Dichloroethene	4.076	96	417810	86.469	ug/l	96
13) Acrolein	3.929	56	212310	388.435	ug/l	100
14) Allyl chloride	4.704	41	807726	91.937	ug/l	100
15) Acrylonitrile	5.399	53	746963	463.791	ug/l	99
16) Acetone	4.161	43	753825	378.782	ug/l	100
17) Carbon Disulfide	4.417	76	1184114	87.136	ug/l	98
18) Methyl Acetate	4.704	43	366848	96.156	ug/l	100
19) Methyl tert-butyl Ether	5.460	73	918554	93.101	ug/l	100
20) Methylene Chloride	4.948	84	493879	95.740	ug/l	97
21) trans-1,2-Dichloroethene	5.454	96	461681	88.339	ug/l	95
22) Diisopropyl ether	6.338	45	1632154	92.218	ug/l	97
23) Vinyl Acetate	6.277	43	5593216	475.881	ug/l	100
24) 1,1-Dichloroethane	6.246	63	917304	89.298	ug/l	99
25) 2-Butanone	7.191	43	1034440	457.284	ug/l	94
26) 2,2-Dichloropropane	7.185	77	546928	88.943	ug/l	99
27) cis-1,2-Dichloroethene	7.191	96	553197	90.552	ug/l	98
28) Bromochloromethane	7.532	49	373661	96.122	ug/l	100
29) Tetrahydrofuran	7.551	42	647992	475.606	ug/l	100
30) Chloroform	7.691	83	899151	87.945	ug/l	99
31) Cyclohexane	7.971	56	800797	84.090	ug/l	99
32) 1,1,1-Trichloroethane	7.886	97	676615	86.892	ug/l	98
36) 1,1-Dichloropropene	8.093	75	650242	89.980	ug/l	100
37) Ethyl Acetate	7.270	43	433001	90.224	ug/l	99
38) Carbon Tetrachloride	8.081	117	608230	88.913	ug/l	93
39) Methylcyclohexane	9.343	83	852467	94.197	ug/l	97
40) Benzene	8.331	78	1970209	90.764	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	257803	96.905	ug/l	95
42) 1,2-Dichloroethane	8.410	62	617905	89.960	ug/l	99
43) Isopropyl Acetate	8.435	43	803602	96.183	ug/l	98
44) Trichloroethene	9.099	130	452639	90.158	ug/l	94
45) 1,2-Dichloropropane	9.374	63	501363	90.564	ug/l	97
46) Dibromomethane	9.465	93	286325	89.906	ug/l	99
47) Bromodichloromethane	9.648	83	676498	90.129	ug/l	99
48) Methyl methacrylate	9.441	41	380523	94.601	ug/l	100
49) 1,4-Dioxane	9.465	88	77657	1921.892	ug/l #	98
51) 4-Methyl-2-Pentanone	10.209	43	2204754	469.850	ug/l	100
52) Toluene	10.392	92	1214239	90.842	ug/l	99
53) t-1,3-Dichloropropene	10.605	75	703658	96.354	ug/l	98
54) cis-1,3-Dichloropropene	10.075	75	802897	94.533	ug/l	99
55) 1,1,2-Trichloroethane	10.788	97	389971	90.318	ug/l	97
56) Ethyl methacrylate	10.648	69	612296	102.116	ug/l	98
57) 1,3-Dichloropropane	10.934	76	691534	90.410	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.928	63	1498537	476.364	ug/l	99
59) 2-Hexanone	10.965	43	1579057	467.120	ug/l	99
60) Dibromochloromethane	11.129	129	450195	94.092	ug/l	99
61) 1,2-Dibromoethane	11.239	107	382641	92.969	ug/l	100
64) Tetrachloroethene	10.867	164	351304	85.793	ug/l	91
65) Chlorobenzene	11.654	112	1359303	93.180	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.733	131	429509	96.180	ug/l	96
67) Ethyl Benzene	11.727	91	2367063	94.934	ug/l	96
68) m/p-Xylenes	11.837	106	1775968	186.747	ug/l	98
69) o-Xylene	12.166	106	839804	96.662	ug/l	100
70) Styrene	12.178	104	1469747	97.091	ug/l	99
71) Bromoform	12.349	173	230426	92.355	ug/l #	99
73) Isopropylbenzene	12.458	105	2145976	99.414	ug/l	99
74) N-amyl acetate	12.269	43	722669	102.473	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	480253	93.610	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	409198m	62.445	ug/l	
77) Bromobenzene	12.739	156	476261	95.753	ug/l	95
78) n-propylbenzene	12.800	91	2681639	98.047	ug/l	100
79) 2-Chlorotoluene	12.891	91	1571132	96.437	ug/l	97
80) 1,3,5-Trimethylbenzene	12.940	105	1761210	97.866	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.507	75	172385	103.019	ug/l	95
82) 4-Chlorotoluene	12.983	91	1625967	93.984	ug/l	100
83) tert-Butylbenzene	13.202	119	1600427	103.621	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	1790976	97.951	ug/l	98
85) sec-Butylbenzene	13.379	105	2272922	96.457	ug/l	100
86) p-Isopropyltoluene	13.495	119	1833167	95.005	ug/l	98
87) 1,3-Dichlorobenzene	13.489	146	909632	90.867	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	917343	91.217	ug/l	98
89) n-Butylbenzene	13.818	91	1896823	97.753	ug/l	98
90) Hexachloroethane	14.092	117	344035	94.867	ug/l	95
91) 1,2-Dichlorobenzene	13.867	146	843606	93.089	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.476	75	85966	97.373	ug/l	95
93) 1,2,4-Trichlorobenzene	15.123	180	503577	93.874	ug/l	97
94) Hexachlorobutadiene	15.232	225	244086	97.369	ug/l	100
95) Naphthalene	15.360	128	1338142	106.112	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	473210	98.187	ug/l	92

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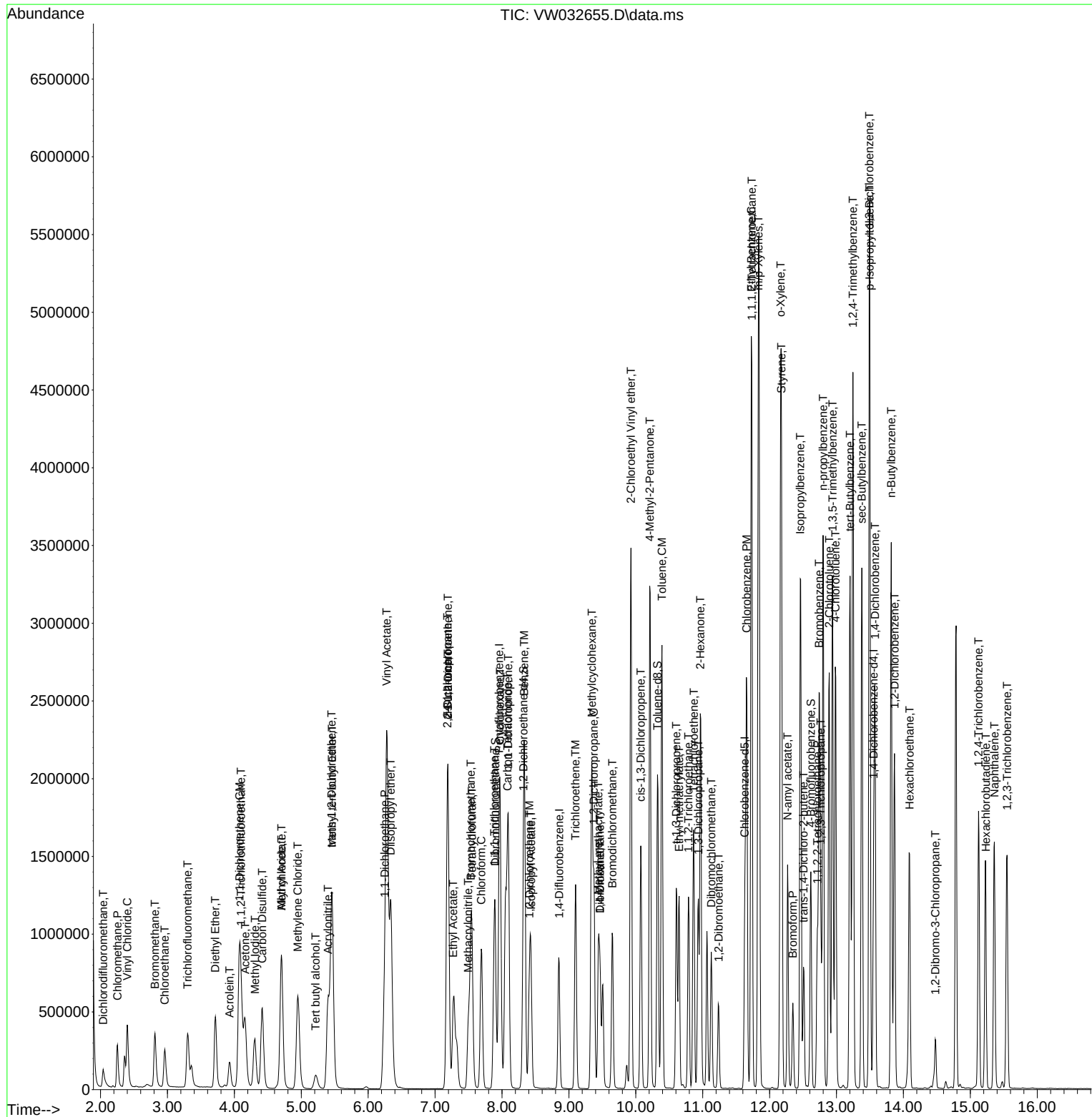
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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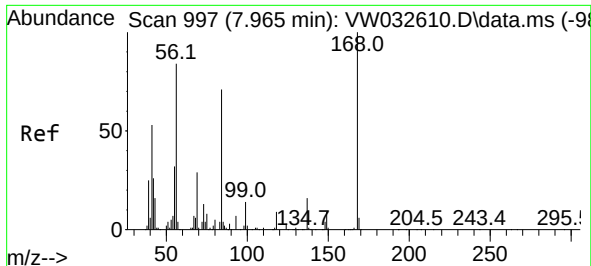
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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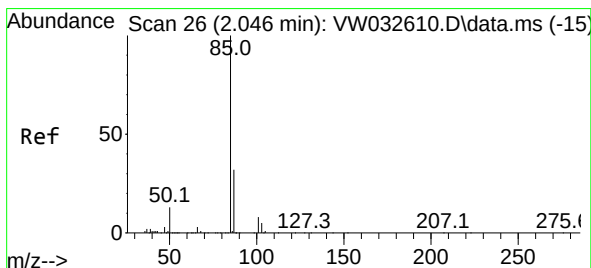
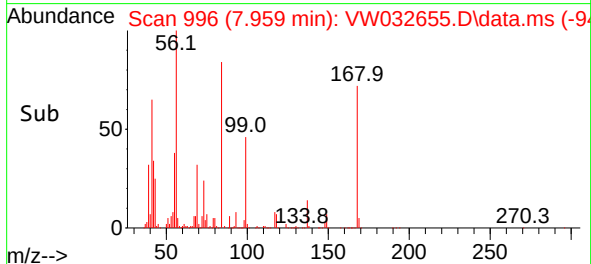
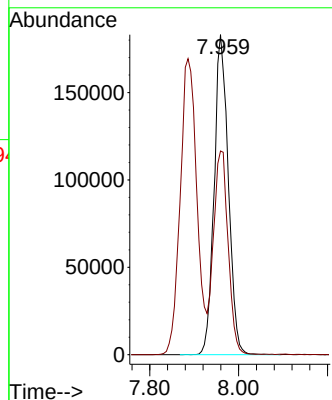
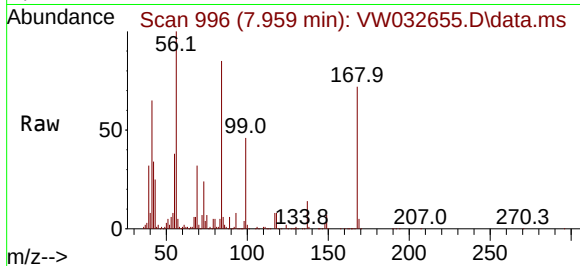




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW032655.D
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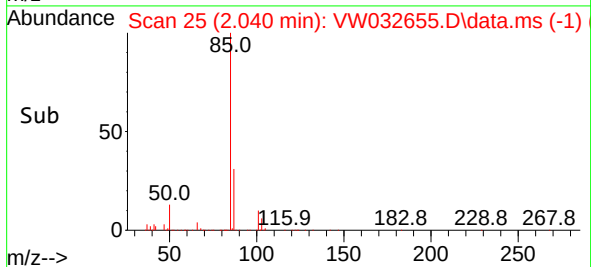
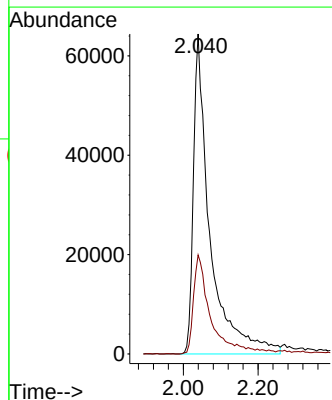
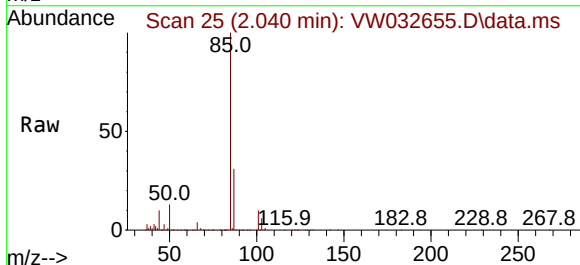
Instrument :
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ClientSampleId :
VSTDIC100

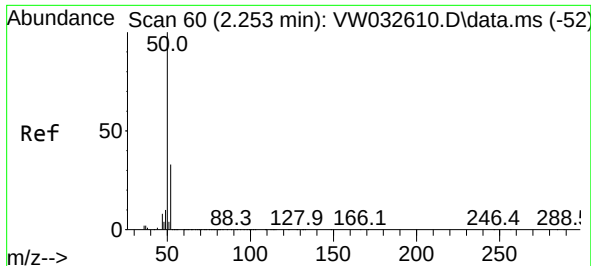
Tgt Ion:168 Resp: 403905
Ion Ratio Lower Upper
168 100
99 63.5 47.8 71.8



#2
Dichlorodifluoromethane
Concen: 83.904 ug/l
RT: 2.040 min Scan# 25
Delta R.T. -0.006 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

Tgt Ion: 85 Resp: 197201
Ion Ratio Lower Upper
85 100
87 30.9 16.1 48.3

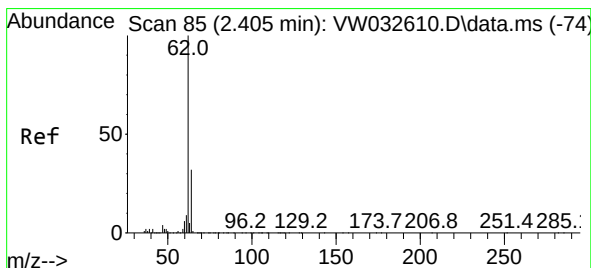
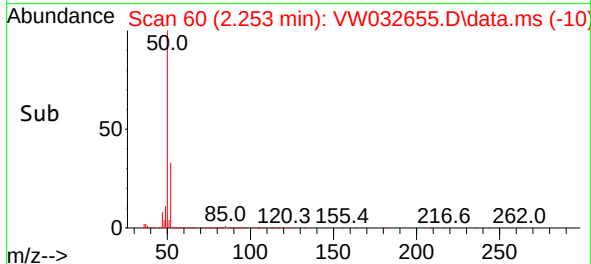
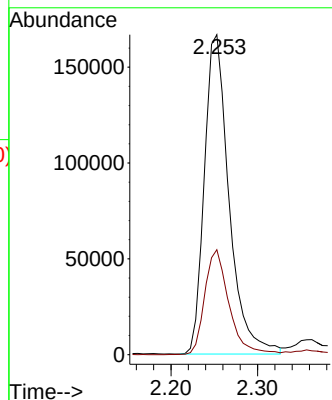
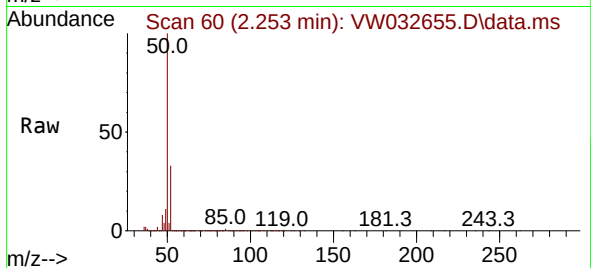




#3
Chloromethane
Concen: 79.382 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.006 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

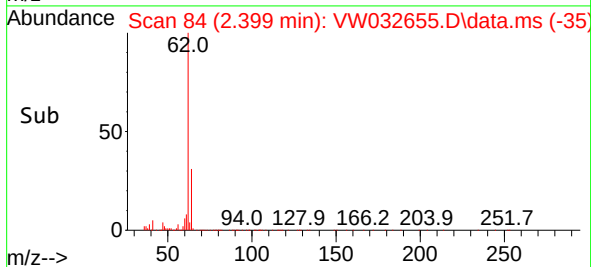
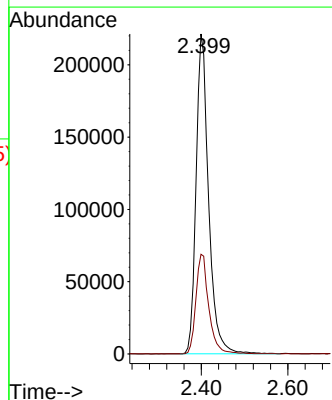
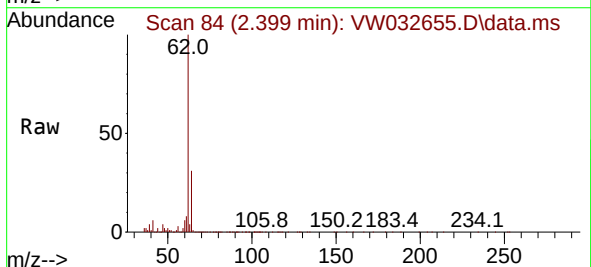
Instrument :
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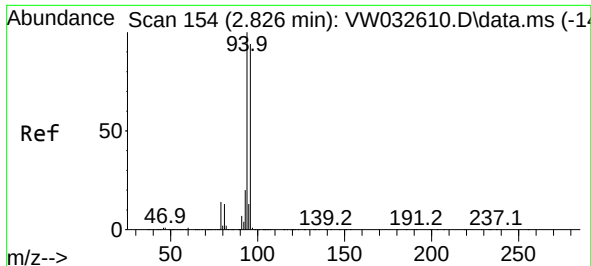
Tgt Ion: 50 Resp: 331128
Ion Ratio Lower Upper
50 100
52 32.8 26.6 40.0



#4
Vinyl Chloride
Concen: 83.890 ug/l
RT: 2.399 min Scan# 84
Delta R.T. -0.000 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

Tgt Ion: 62 Resp: 443388
Ion Ratio Lower Upper
62 100
64 31.1 25.3 37.9

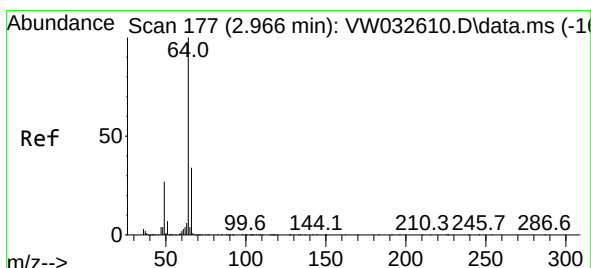
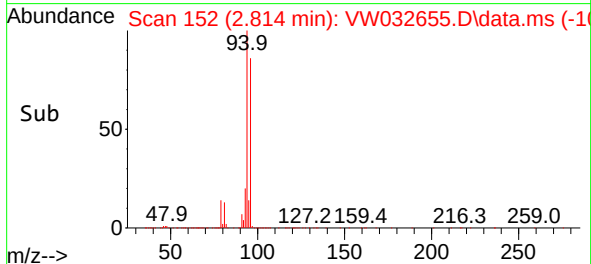
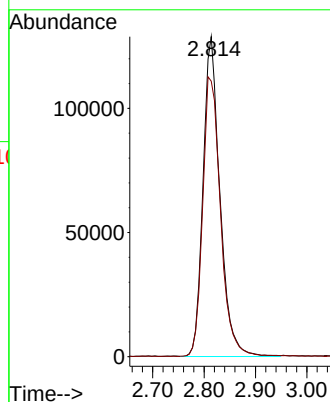
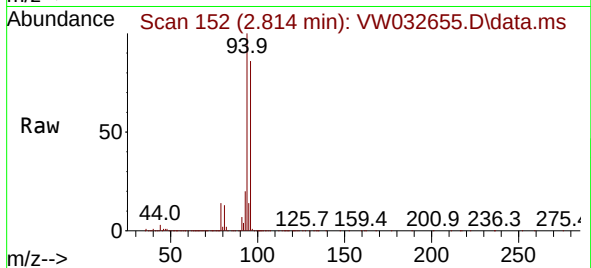




#5
Bromomethane
Concen: 84.903 ug/l
RT: 2.814 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032655.D
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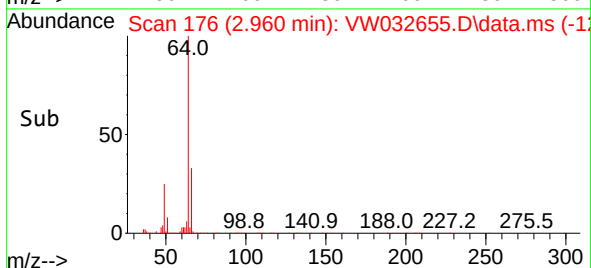
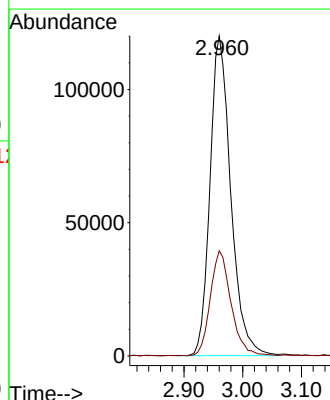
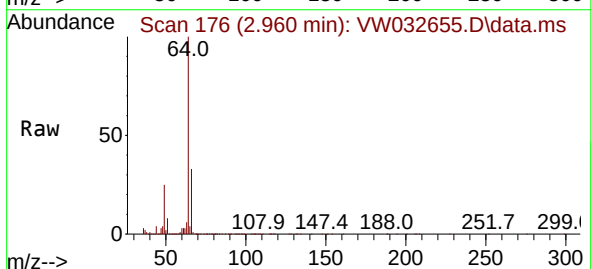
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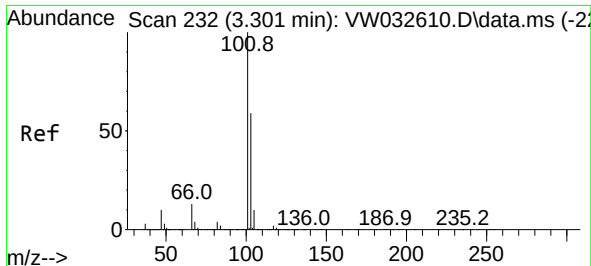
Tgt Ion: 94 Resp: 293237
Ion Ratio Lower Upper
94 100
96 86.0 75.4 113.2



#6
Chloroethane
Concen: 86.520 ug/l
RT: 2.960 min Scan# 176
Delta R.T. -0.000 min
Lab File: VW032655.D
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Tgt Ion: 64 Resp: 295077
Ion Ratio Lower Upper
64 100
66 32.8 27.3 40.9

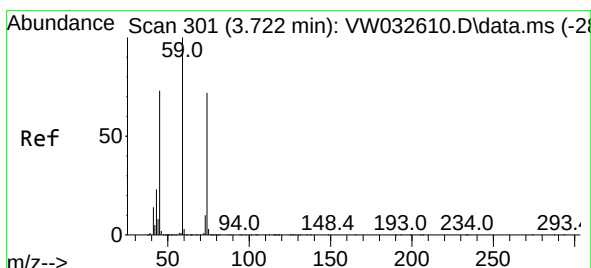
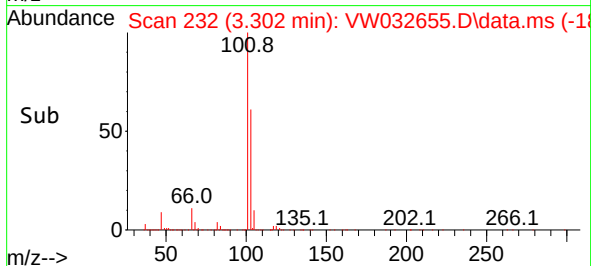
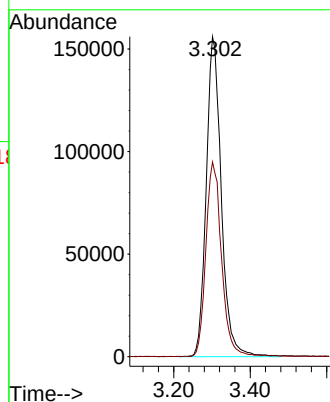
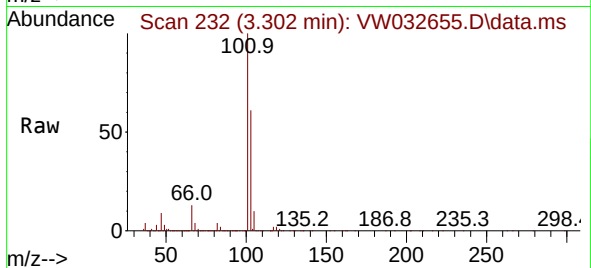




#7
 Trichlorofluoromethane
 Concen: 92.371 ug/l
 RT: 3.302 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW032655.D
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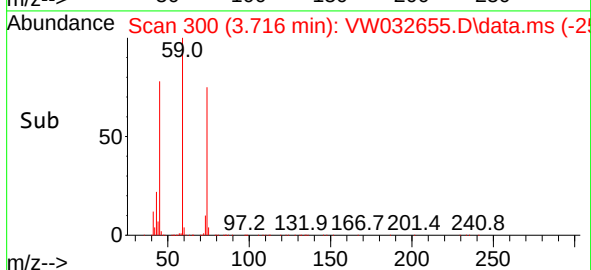
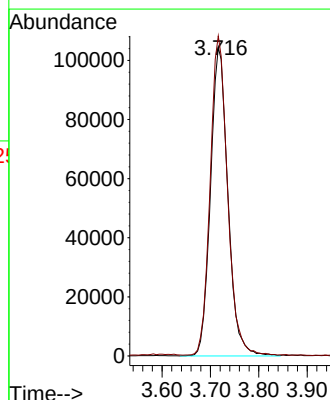
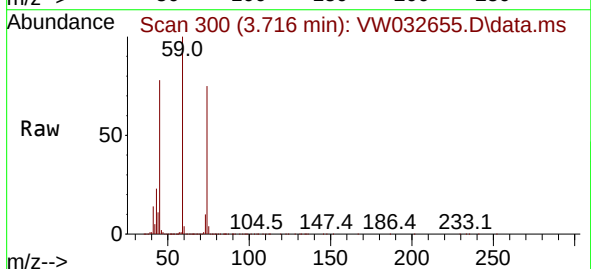
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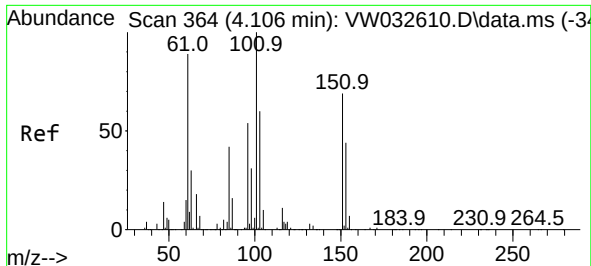
Tgt Ion:101 Resp: 426757
 Ion Ratio Lower Upper
 101 100
 103 60.8 47.3 70.9



#8
 Diethyl Ether
 Concen: 89.202 ug/l
 RT: 3.716 min Scan# 300
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 261049
 Ion Ratio Lower Upper
 74 100
 45 102.9 52.4 157.2

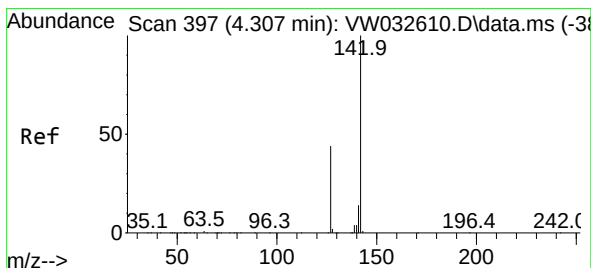
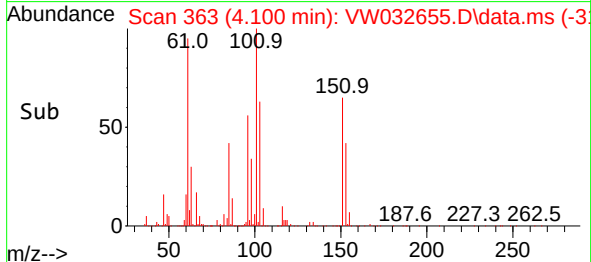
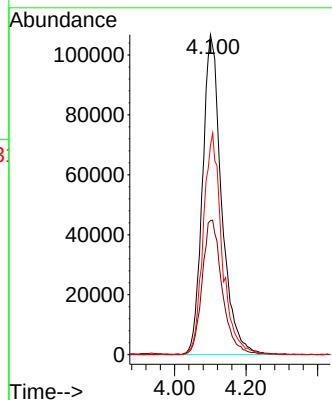
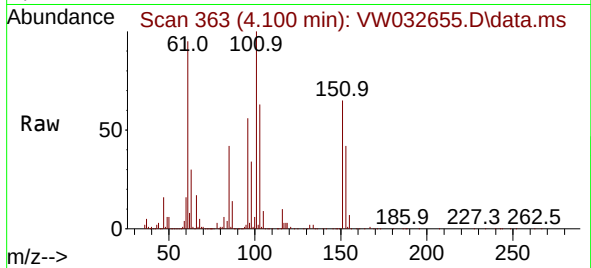




#9
1,1,2-Trichlorotrifluoroethane
Concen: 85.838 ug/l
RT: 4.100 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

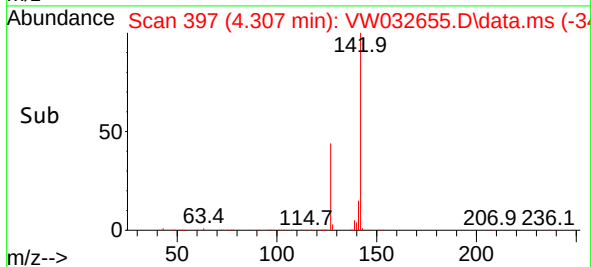
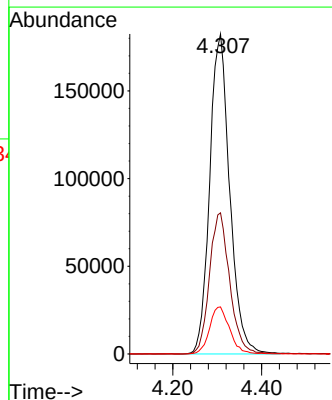
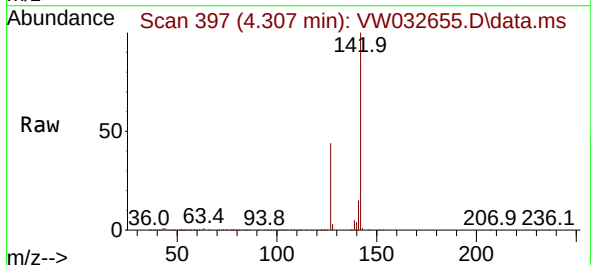
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

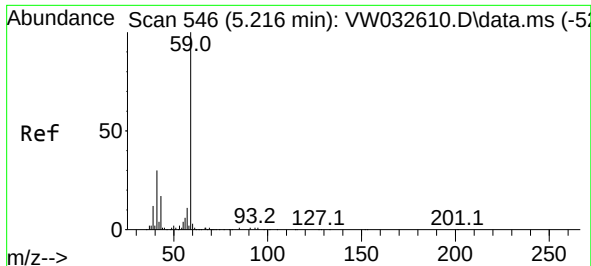
Tgt Ion:101 Resp: 394861
Ion Ratio Lower Upper
101 100
85 43.9 35.4 53.2
151 68.4 56.7 85.1



#10
Methyl Iodide
Concen: 87.813 ug/l
RT: 4.307 min Scan# 397
Delta R.T. 0.006 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

Tgt Ion:142 Resp: 570560
Ion Ratio Lower Upper
142 100
127 44.6 36.0 54.0
141 14.8 11.6 17.4

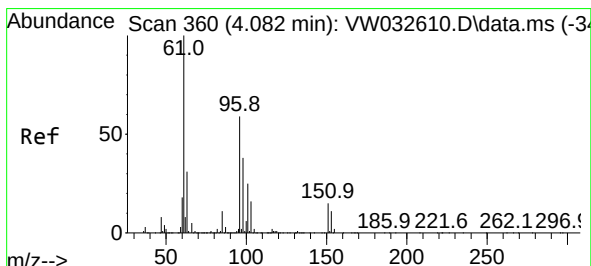
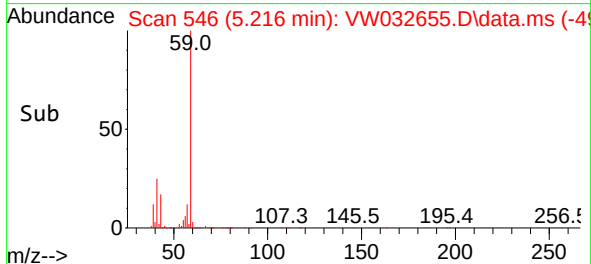
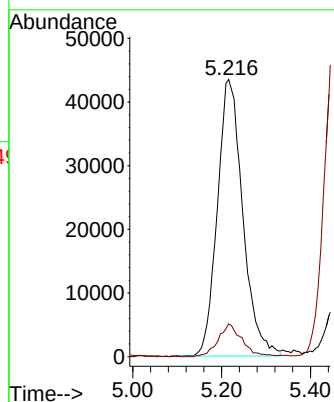
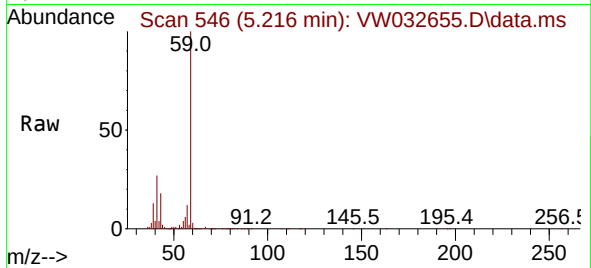




#11
Tert butyl alcohol
Concen: 450.270 ug/l
RT: 5.216 min Scan# 546
Delta R.T. 0.006 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

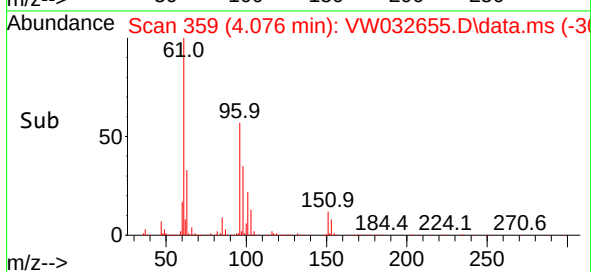
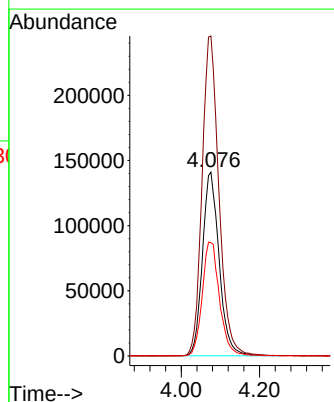
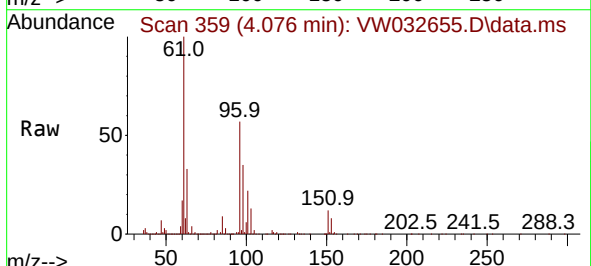
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

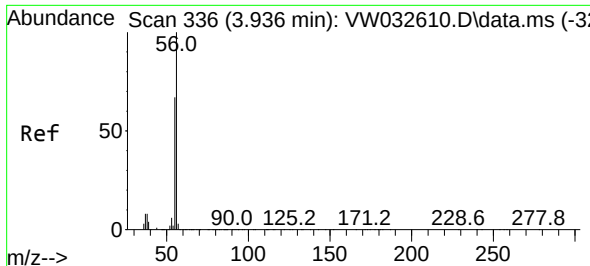
Tgt Ion: 59 Resp: 172233
Ion Ratio Lower Upper
59 100
57 11.1 9.4 14.0



#12
1,1-Dichloroethene
Concen: 86.469 ug/l
RT: 4.076 min Scan# 359
Delta R.T. 0.006 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

Tgt Ion: 96 Resp: 417810
Ion Ratio Lower Upper
96 100
61 174.0 134.6 202.0
98 61.6 51.1 76.7

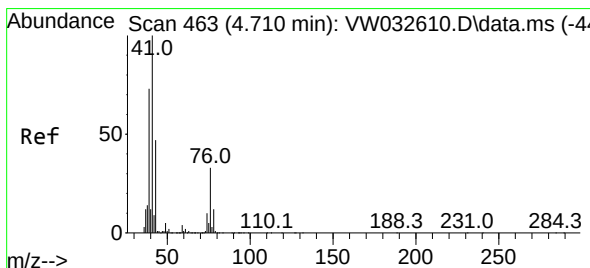
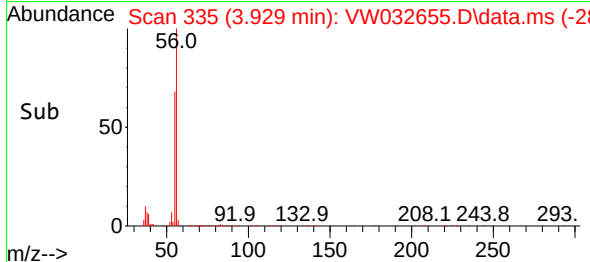
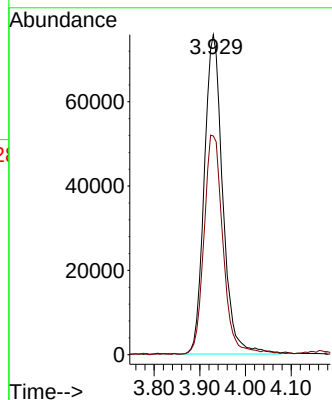
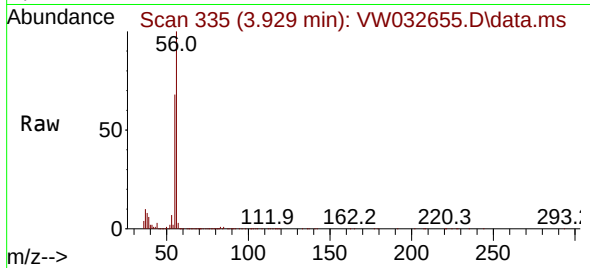




#13
Acrolein
Concen: 388.435 ug/l
RT: 3.929 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

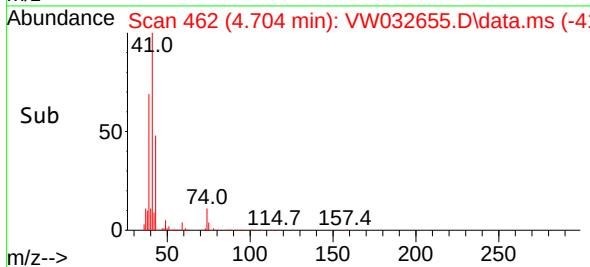
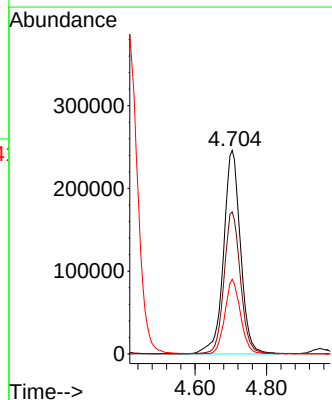
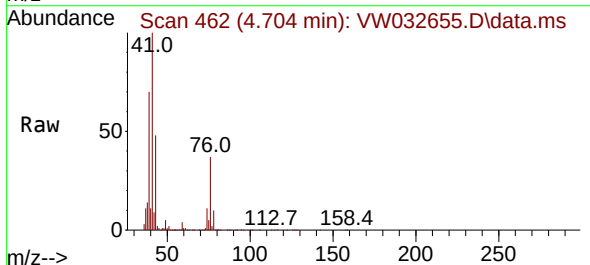
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

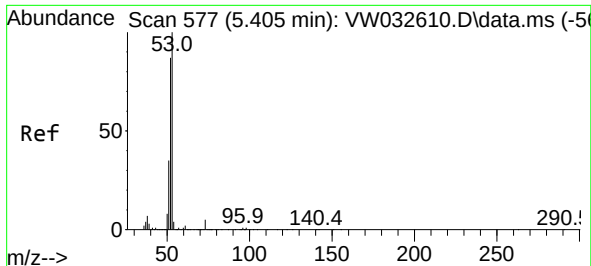
Tgt Ion: 56 Resp: 212310
Ion Ratio Lower Upper
56 100
55 69.9 56.0 84.0



#14
Allyl chloride
Concen: 91.937 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.006 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

Tgt Ion: 41 Resp: 807726
Ion Ratio Lower Upper
41 100
39 67.7 54.2 81.2
76 33.7 26.3 39.5

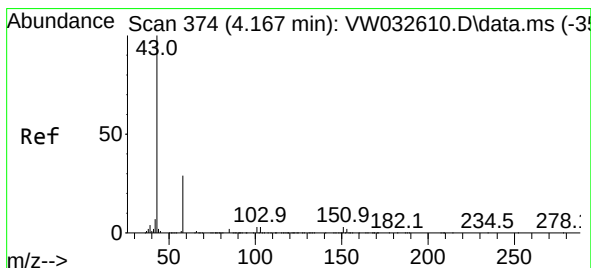
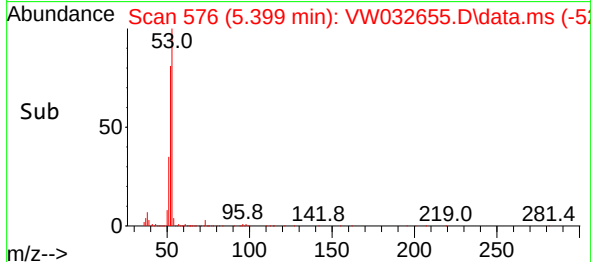
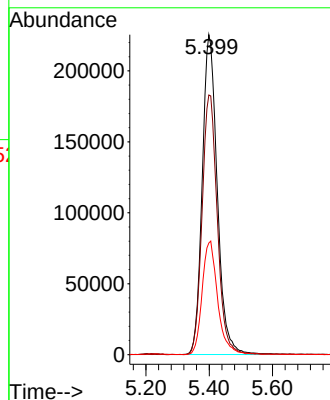
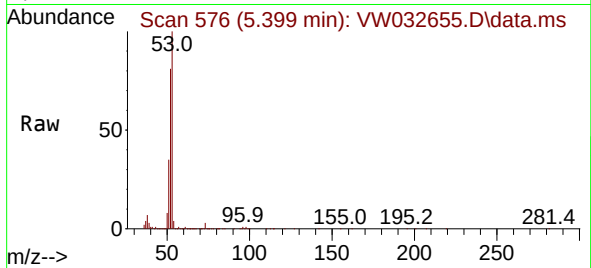




#15
Acrylonitrile
Concen: 463.791 ug/l
RT: 5.399 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

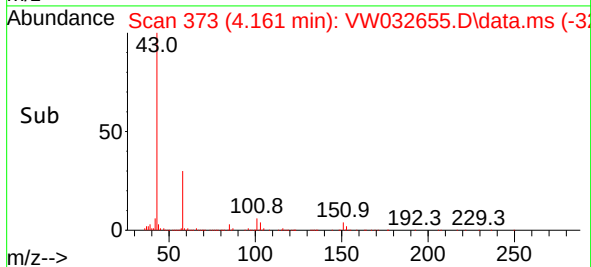
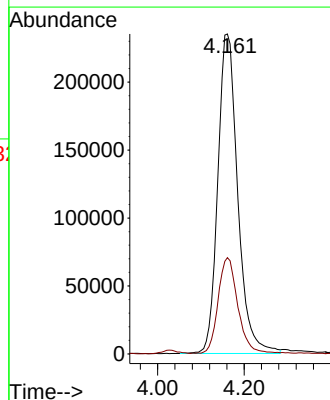
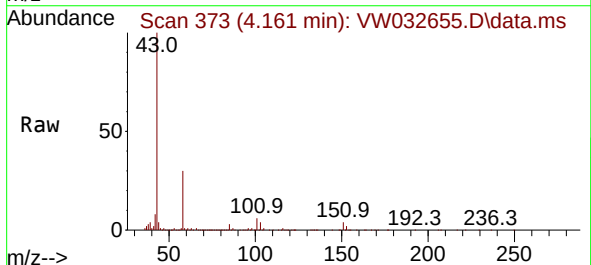
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

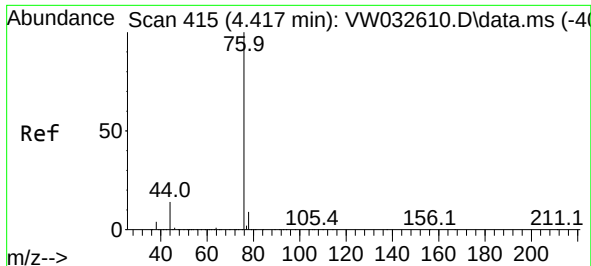
Tgt Ion: 53 Resp: 746963
Ion Ratio Lower Upper
53 100
52 82.3 66.7 100.1
51 36.7 29.8 44.6



#16
Acetone
Concen: 378.782 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.006 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

Tgt Ion: 43 Resp: 753825
Ion Ratio Lower Upper
43 100
58 29.7 23.9 35.9

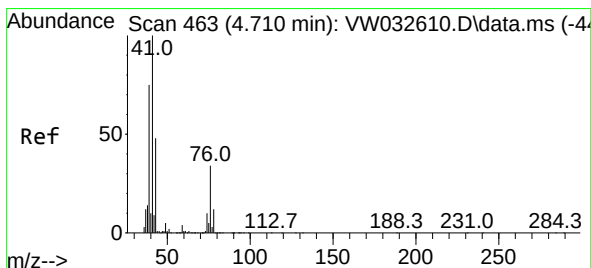
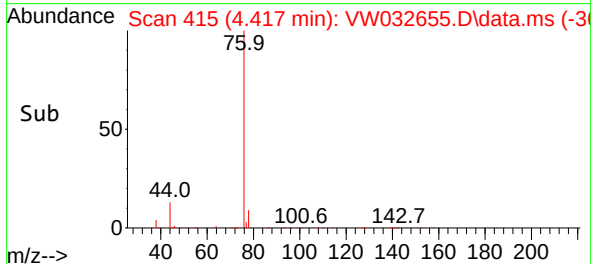
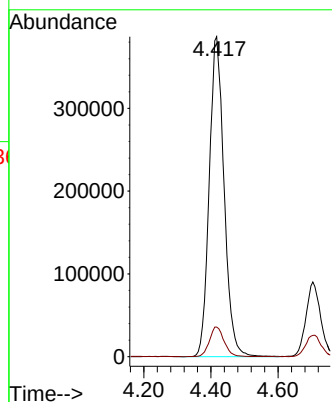
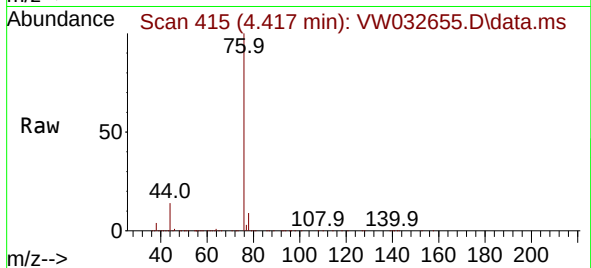




#17
Carbon Disulfide
Concen: 87.136 ug/l
RT: 4.417 min Scan# 415
Delta R.T. 0.006 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

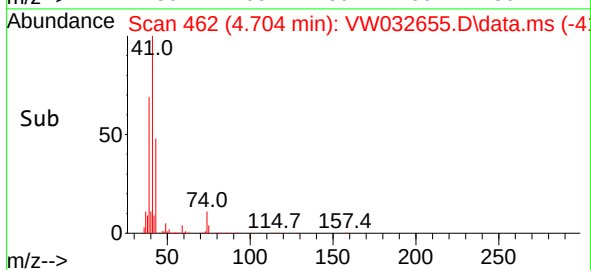
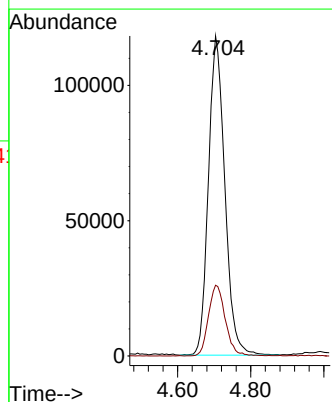
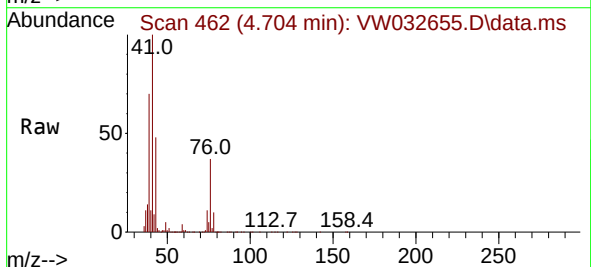
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

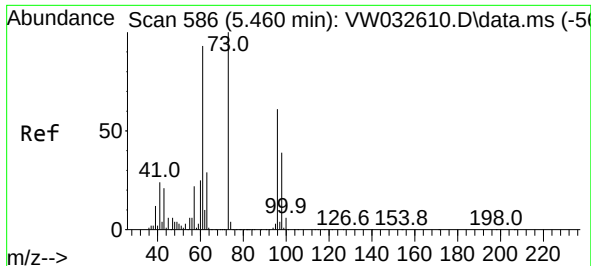
Tgt Ion: 76 Resp: 1184114
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#18
Methyl Acetate
Concen: 96.156 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.000 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

Tgt Ion: 43 Resp: 366848
Ion Ratio Lower Upper
43 100
74 22.8 18.2 27.4

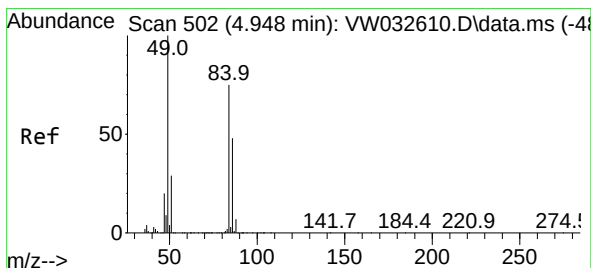
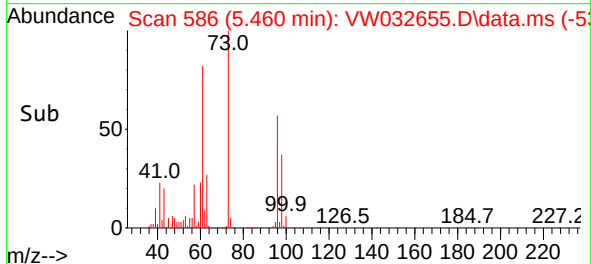
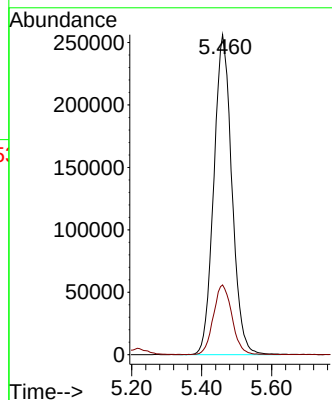
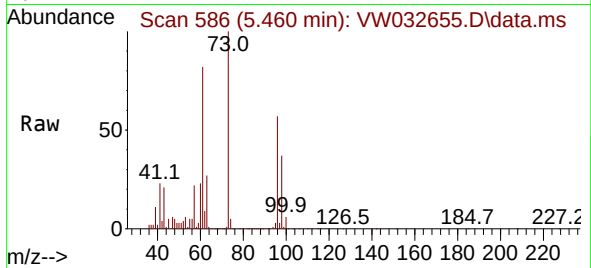




#19
Methyl tert-butyl Ether
Concen: 93.101 ug/l
RT: 5.460 min Scan# 518
Delta R.T. 0.006 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

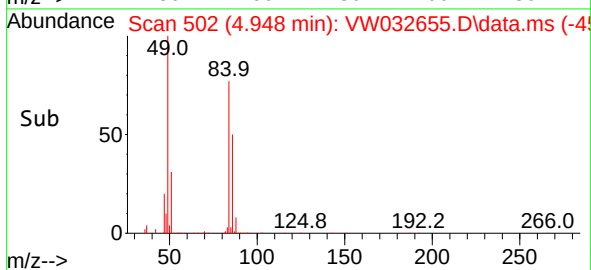
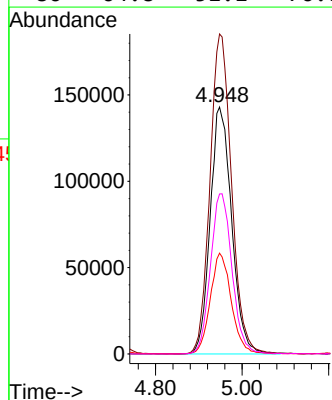
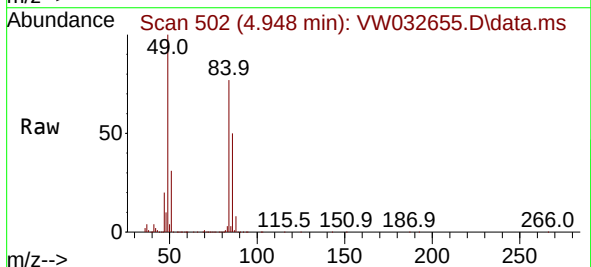
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

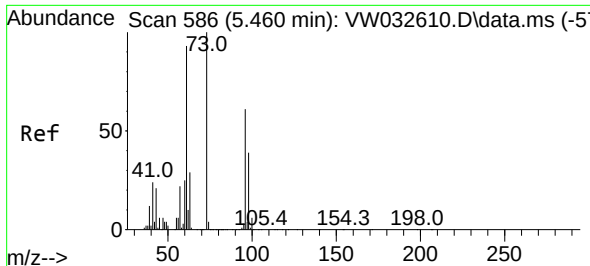
Tgt Ion: 73 Resp: 918554
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9



#20
Methylene Chloride
Concen: 95.740 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.000 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

Tgt Ion: 84 Resp: 493879
Ion Ratio Lower Upper
84 100
49 129.5 106.9 160.3
51 40.7 31.4 47.2
86 64.8 51.1 76.7

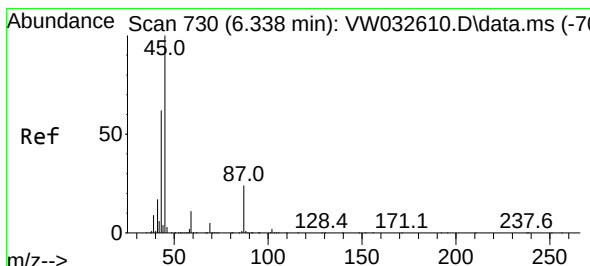
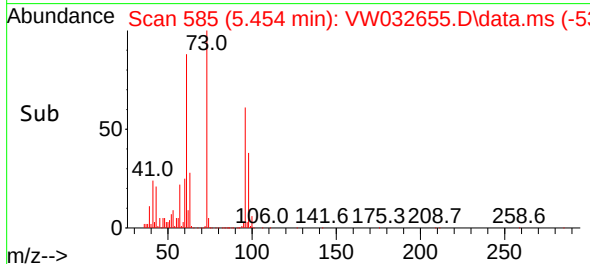
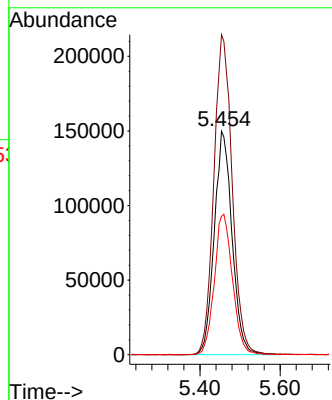
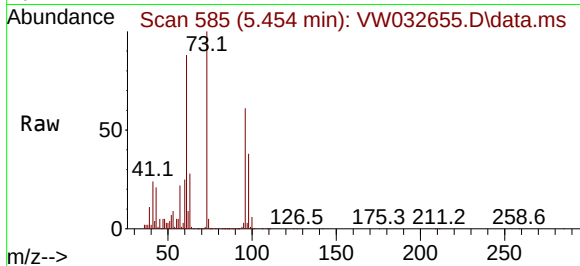




#21
trans-1,2-Dichloroethene
Concen: 88.339 ug/l
RT: 5.454 min Scan# 586
Delta R.T. 0.006 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

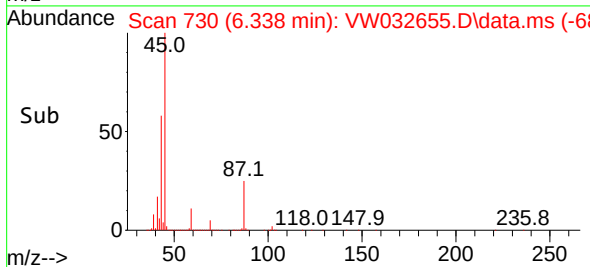
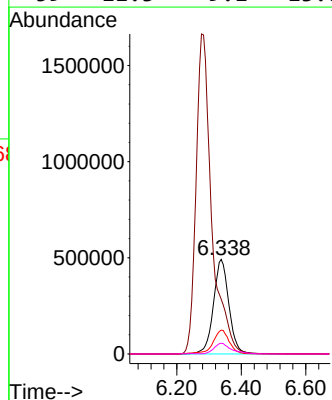
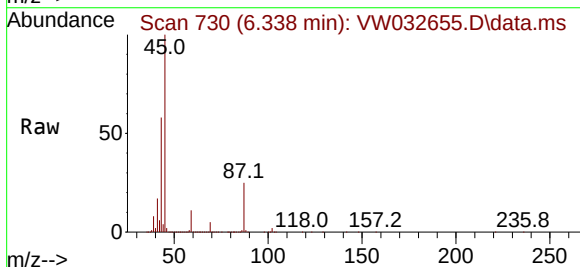
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

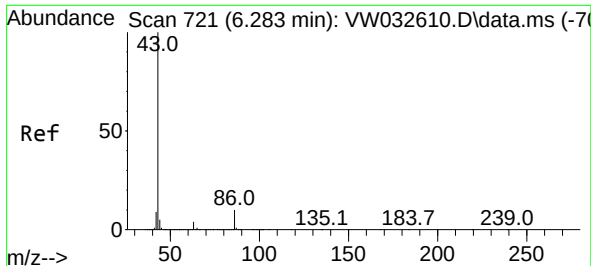
Tgt Ion: 96 Resp: 461681
Ion Ratio Lower Upper
96 100
61 143.2 121.7 182.5
98 61.8 50.6 76.0



#22
Diisopropyl ether
Concen: 92.218 ug/l
RT: 6.338 min Scan# 730
Delta R.T. 0.006 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

Tgt Ion: 45 Resp: 1632154
Ion Ratio Lower Upper
45 100
43 57.9 49.1 73.7
87 25.3 19.7 29.5
59 11.3 9.1 13.7

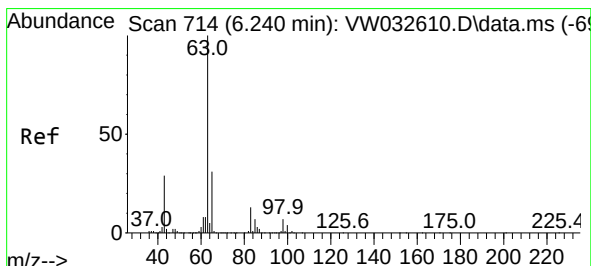
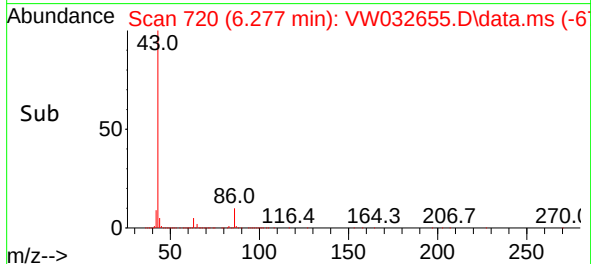
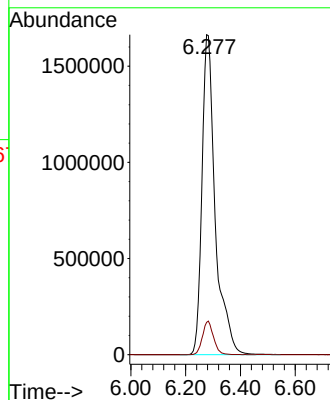
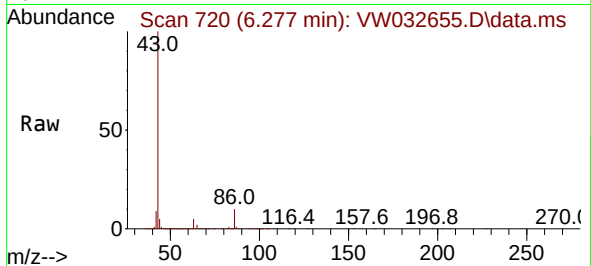




#23
 Vinyl Acetate
 Concen: 475.881 ug/l
 RT: 6.277 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW032655.D
 Acq: 16 Dec 2025 14:31

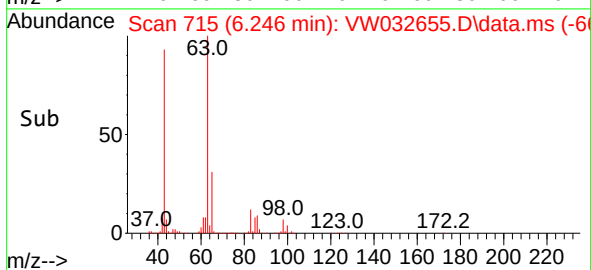
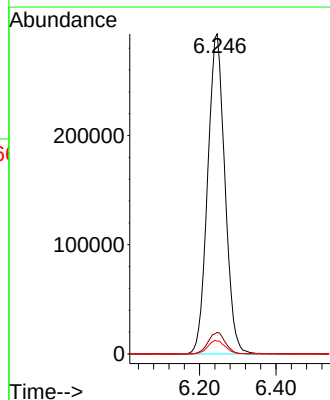
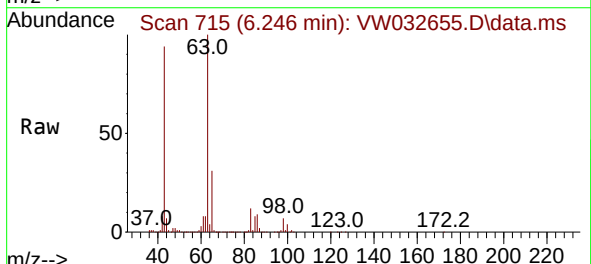
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

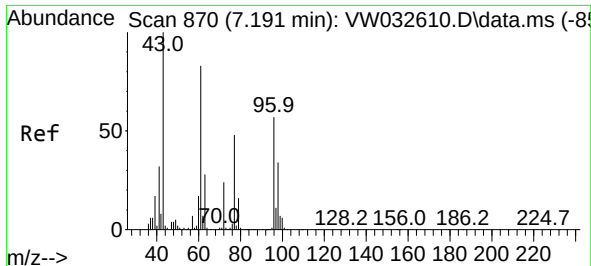
Tgt Ion: 43 Resp: 5593216
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 89.298 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VW032655.D
 Acq: 16 Dec 2025 14:31

Tgt Ion: 63 Resp: 917304
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.4
 100 4.0 2.1 6.5

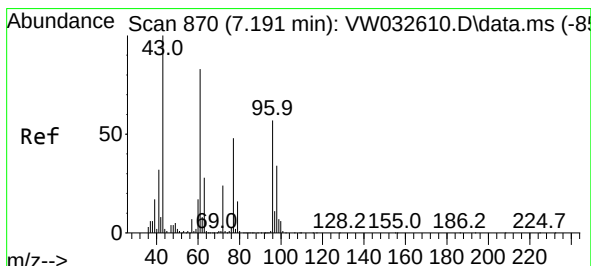
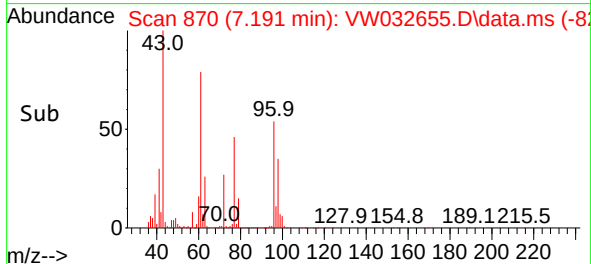
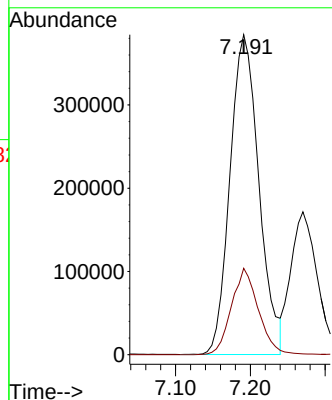
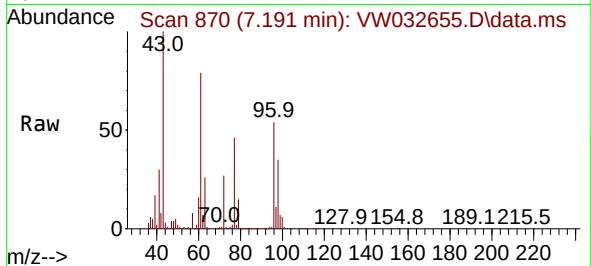




#25
2-Butanone
Concen: 457.284 ug/l
RT: 7.191 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

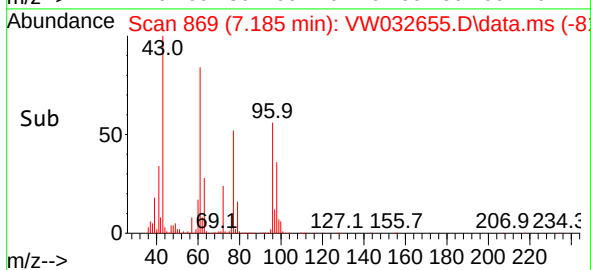
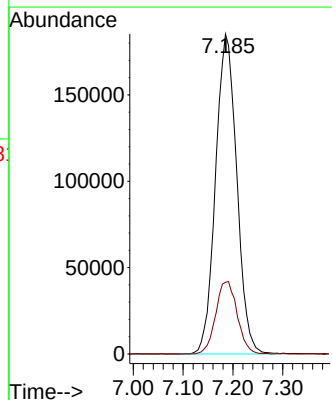
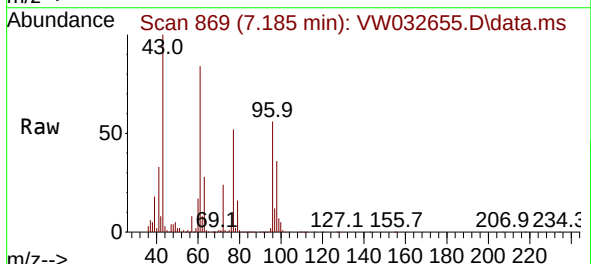
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

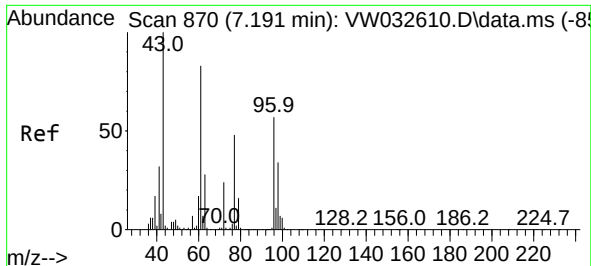
Tgt Ion: 43 Resp: 1034440
Ion Ratio Lower Upper
43 100
72 27.0 19.4 29.0



#26
2,2-Dichloropropane
Concen: 88.943 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.006 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

Tgt Ion: 77 Resp: 546928
Ion Ratio Lower Upper
77 100
97 23.0 11.3 33.9

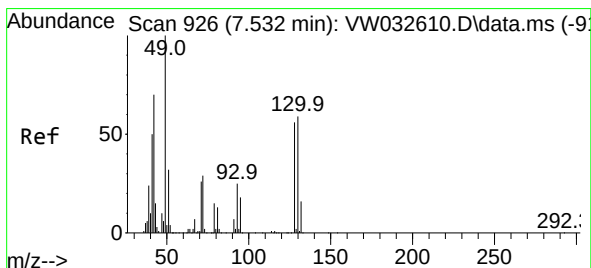
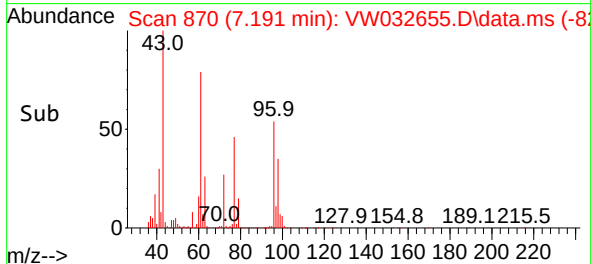
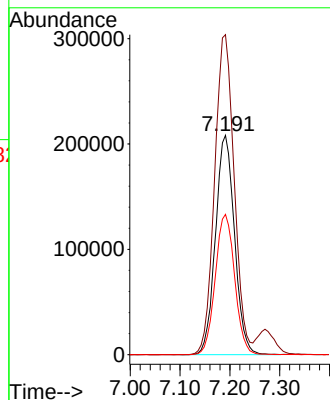
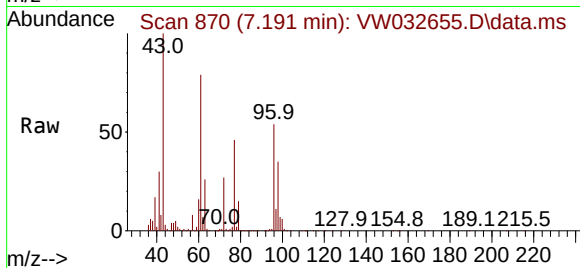




#27
 cis-1,2-Dichloroethene
 Concen: 90.552 ug/l
 RT: 7.191 min Scan# 870
 Delta R.T. 0.006 min
 Lab File: VW032655.D
 Acq: 16 Dec 2025 14:31

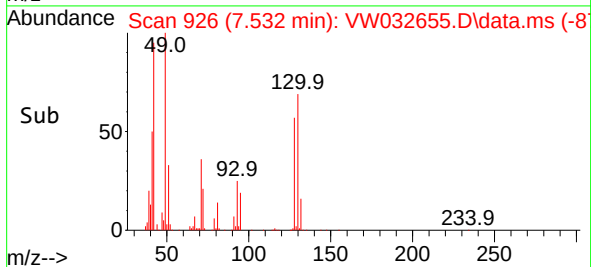
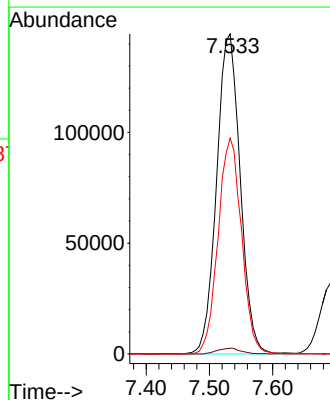
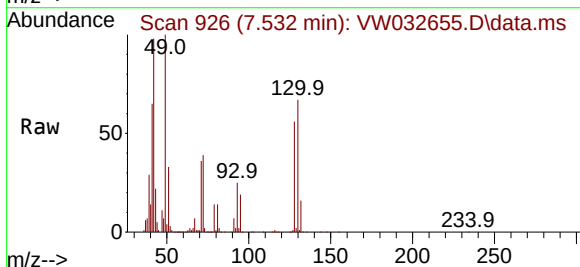
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

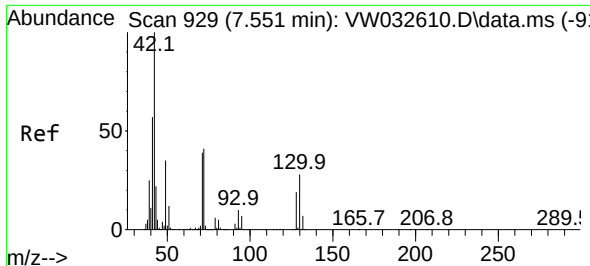
Tgt Ion: 96 Resp: 553197
 Ion Ratio Lower Upper
 96 100
 61 150.0 0.0 295.8
 98 65.3 0.0 127.2



#28
 Bromochloromethane
 Concen: 96.122 ug/l
 RT: 7.532 min Scan# 926
 Delta R.T. 0.012 min
 Lab File: VW032655.D
 Acq: 16 Dec 2025 14:31

Tgt Ion: 49 Resp: 373661
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.6
 130 67.0 53.3 79.9

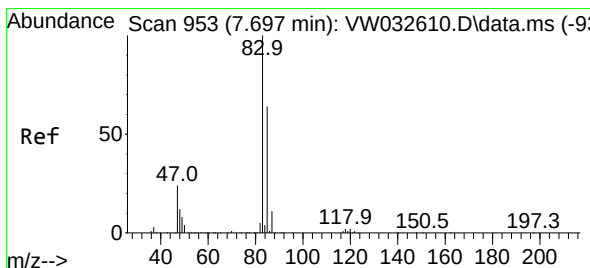
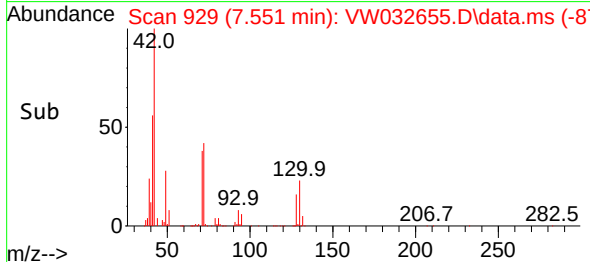
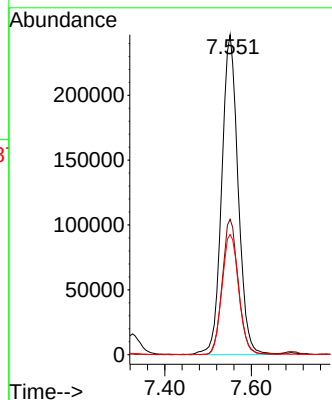
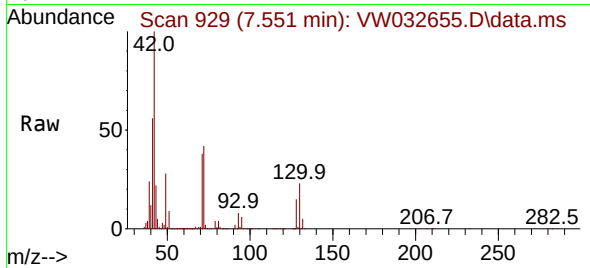




#29
Tetrahydrofuran
Concen: 475.606 ug/l
RT: 7.551 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

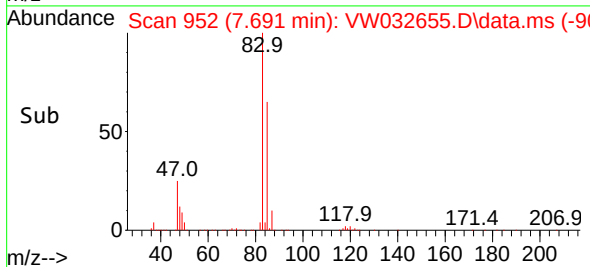
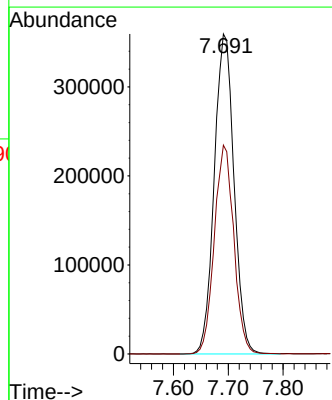
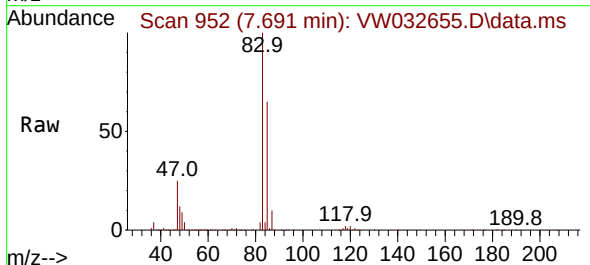
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

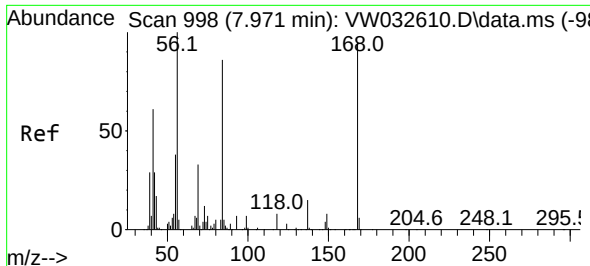
Tgt Ion: 42 Resp: 647992
Ion Ratio Lower Upper
42 100
72 41.4 33.2 49.8
71 38.7 30.7 46.1



#30
Chloroform
Concen: 87.945 ug/l
RT: 7.691 min Scan# 952
Delta R.T. -0.000 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

Tgt Ion: 83 Resp: 899151
Ion Ratio Lower Upper
83 100
85 65.2 51.4 77.2

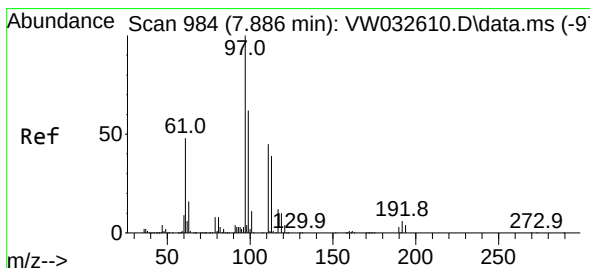
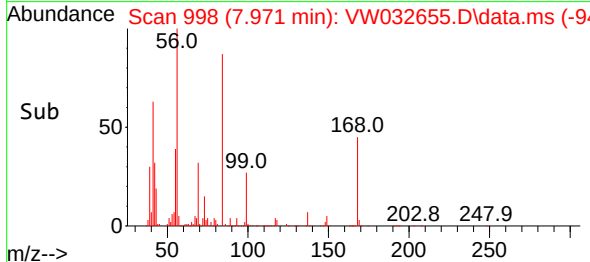
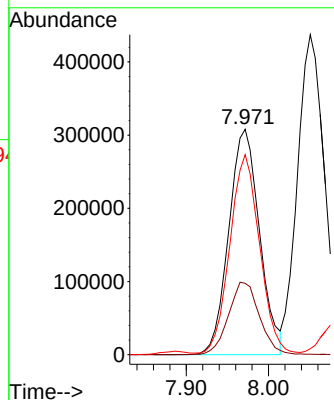
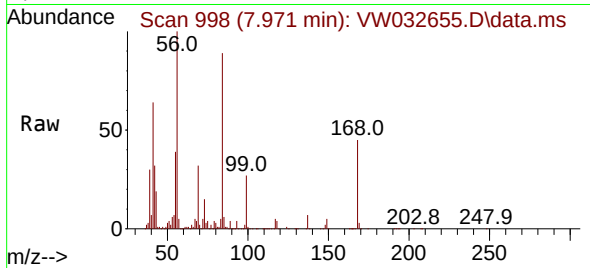




#31
Cyclohexane
Concen: 84.090 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.006 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

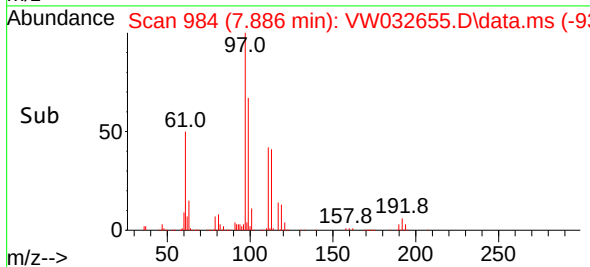
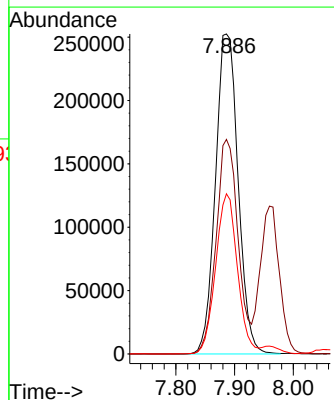
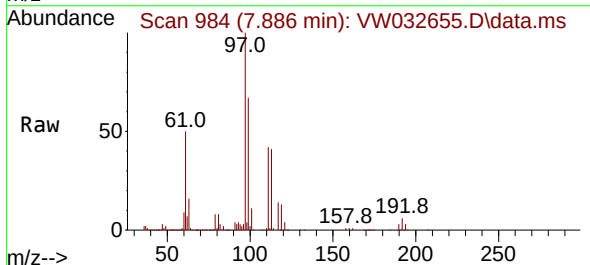
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

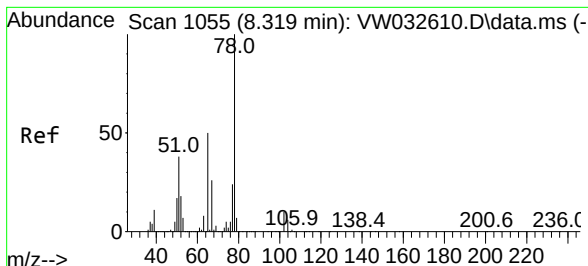
Tgt Ion: 56 Resp: 800797
Ion Ratio Lower Upper
56 100
69 31.6 26.2 39.2
84 87.3 68.9 103.3



#32
1,1,1-Trichloroethane
Concen: 86.892 ug/l
RT: 7.886 min Scan# 984
Delta R.T. 0.006 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

Tgt Ion: 97 Resp: 676615
Ion Ratio Lower Upper
97 100
99 65.4 50.8 76.2
61 48.3 37.8 56.8

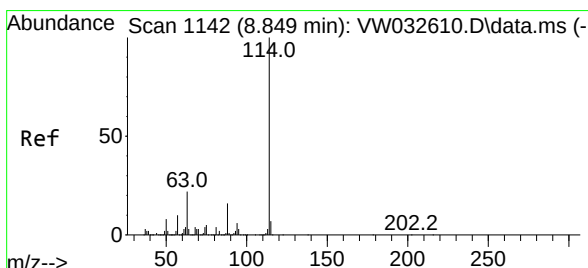
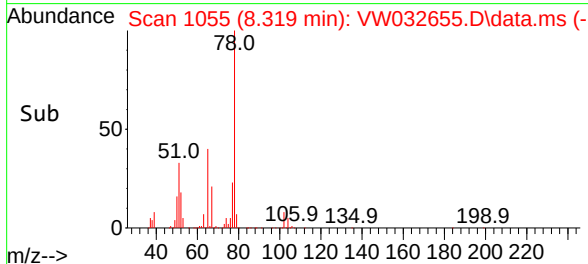
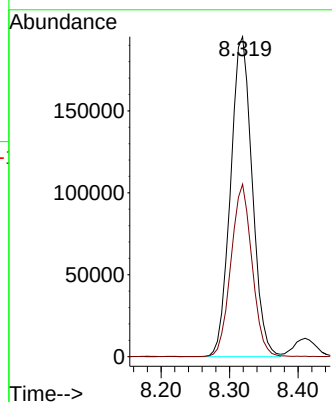
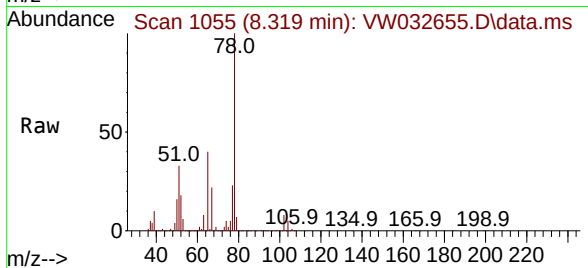




#33
 1,2-Dichloroethane-d4
 Concen: 74.007 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.006 min
 Lab File: VW032655.D
 Acq: 16 Dec 2025 14:31

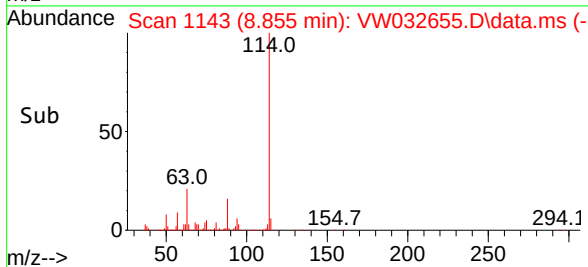
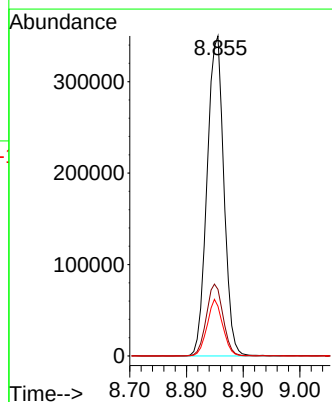
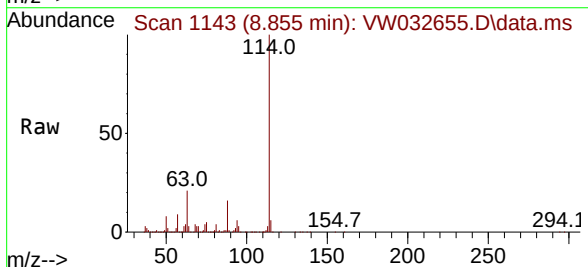
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

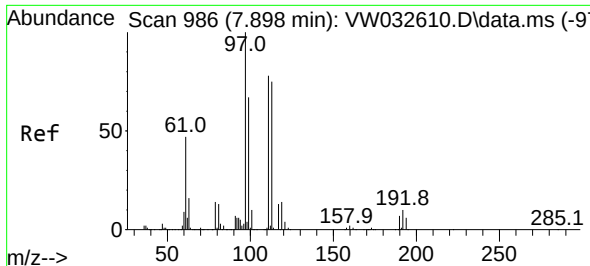
Tgt Ion: 65 Resp: 428798
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VW032655.D
 Acq: 16 Dec 2025 14:31

Tgt Ion: 114 Resp: 718075
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 44.6
 88 15.5 0.0 31.8

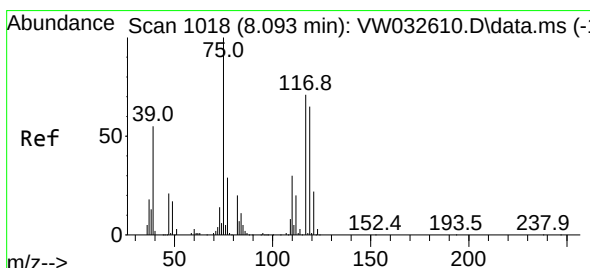
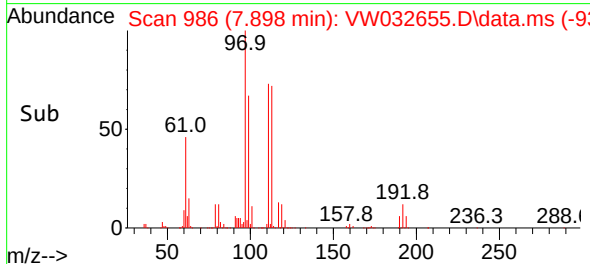
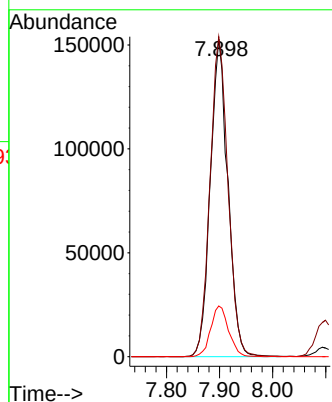
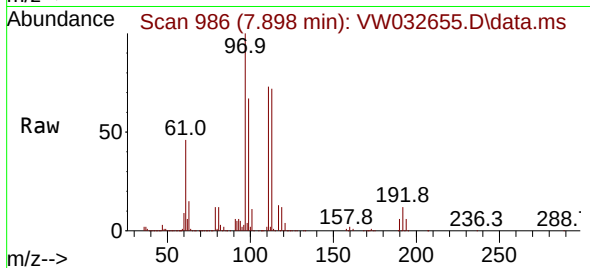




#35
 Dibromofluoromethane
 Concen: 75.234 ug/l
 RT: 7.898 min Scan# 986
 Delta R.T. 0.006 min
 Lab File: VW032655.D
 Acq: 16 Dec 2025 14:31

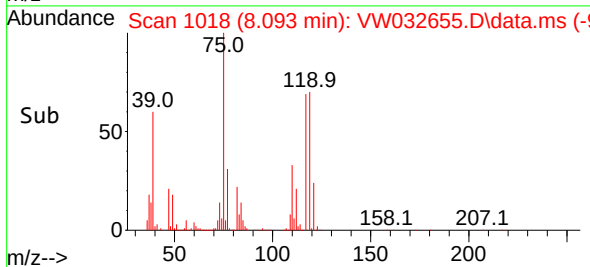
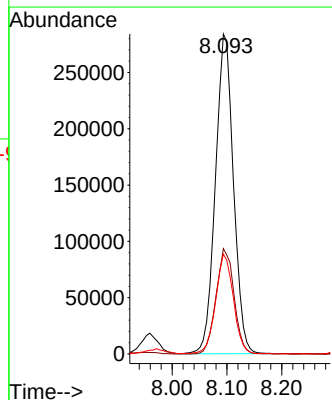
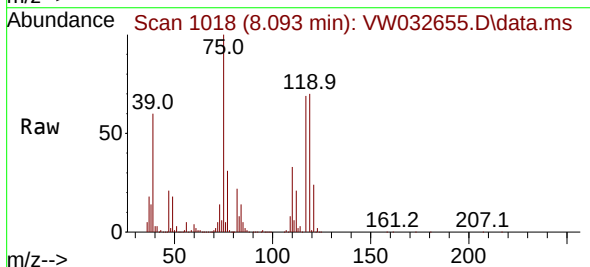
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

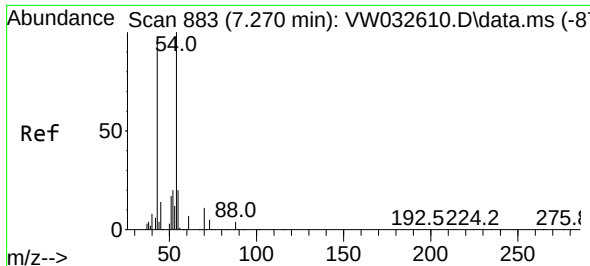
Tgt Ion:113 Resp: 351067
 Ion Ratio Lower Upper
 113 100
 111 103.3 85.2 127.8
 192 16.3 13.3 19.9



#36
 1,1-Dichloropropene
 Concen: 89.980 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. -0.000 min
 Lab File: VW032655.D
 Acq: 16 Dec 2025 14:31

Tgt Ion: 75 Resp: 650242
 Ion Ratio Lower Upper
 75 100
 110 32.9 16.3 48.9
 77 30.8 24.6 37.0

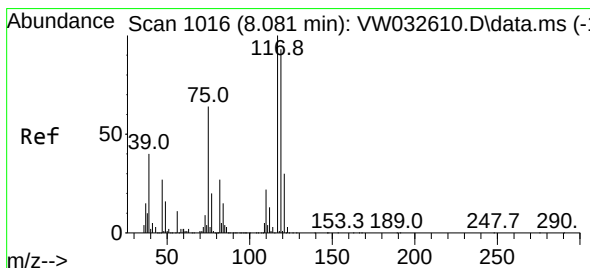
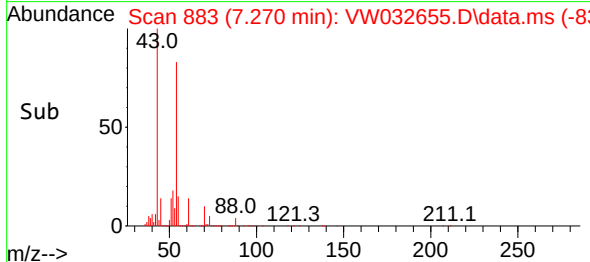
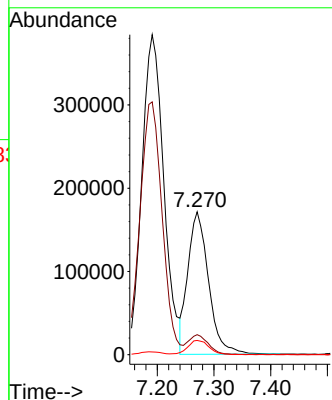
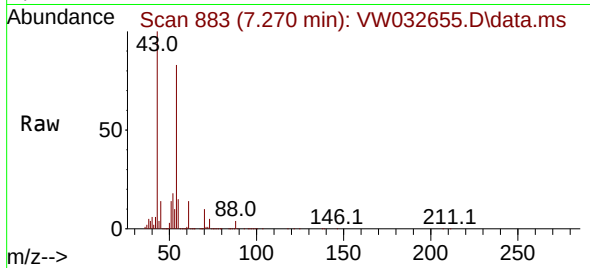




#37
Ethyl Acetate
Concen: 90.224 ug/l
RT: 7.270 min Scan# 883
Delta R.T. 0.006 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

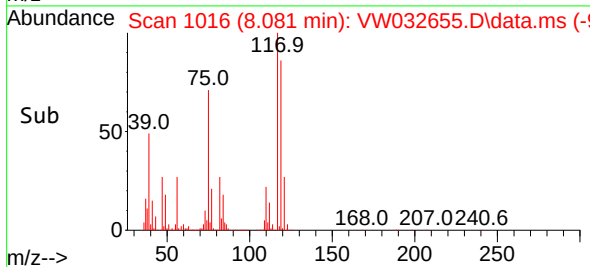
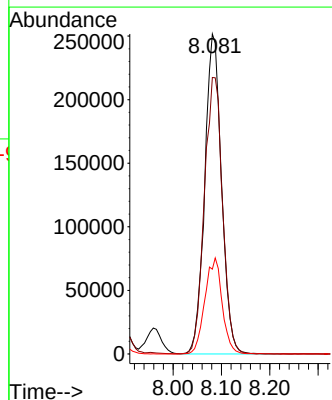
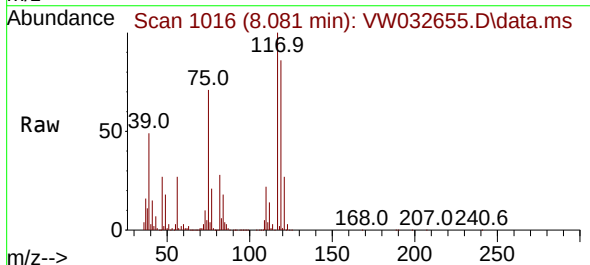
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

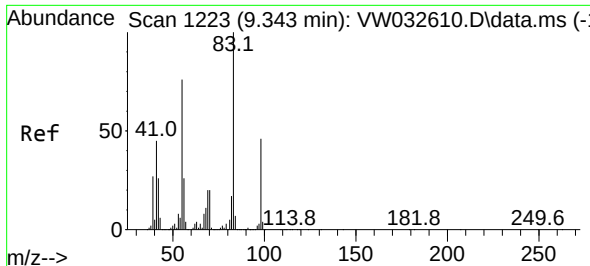
Tgt Ion: 43 Resp: 433001
Ion Ratio Lower Upper
43 100
61 13.3 10.3 15.5
70 10.3 7.7 11.5



#38
Carbon Tetrachloride
Concen: 88.913 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. 0.006 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

Tgt Ion: 117 Resp: 608230
Ion Ratio Lower Upper
117 100
119 86.4 74.3 111.5
121 26.5 23.6 35.4

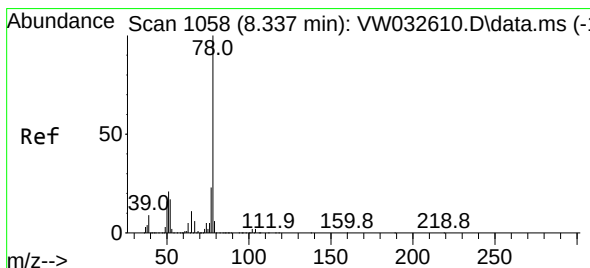
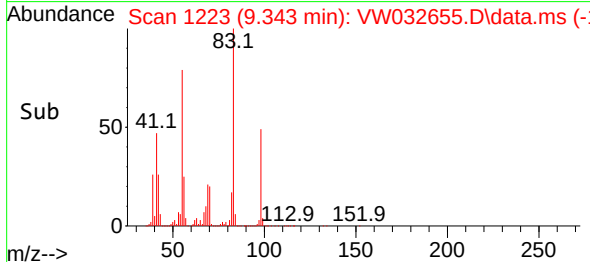
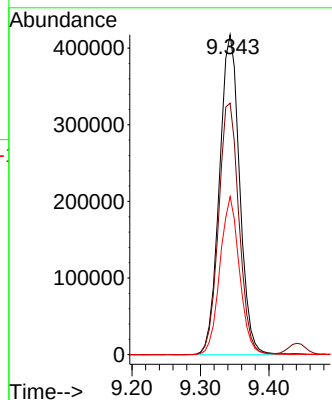
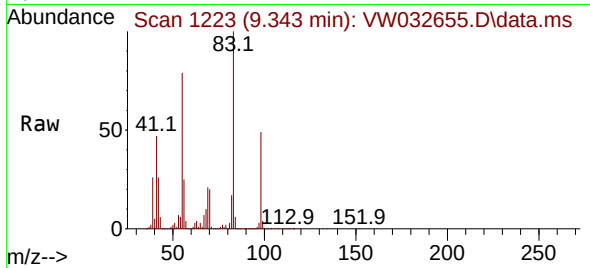




#39
Methylcyclohexane
Concen: 94.197 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

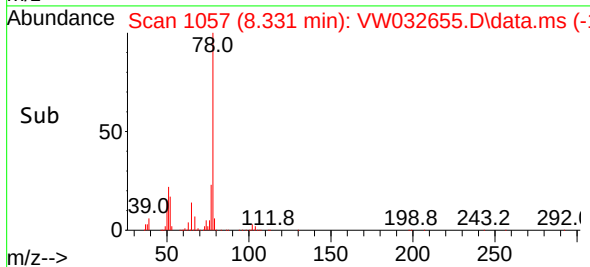
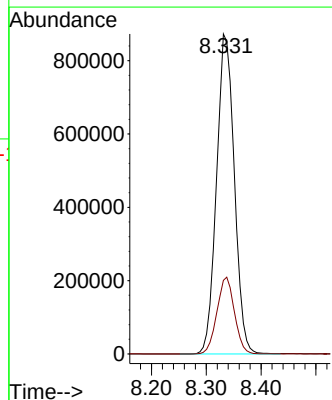
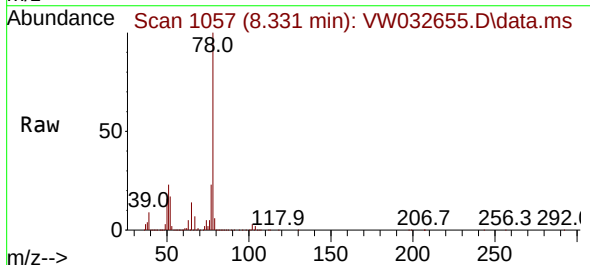
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

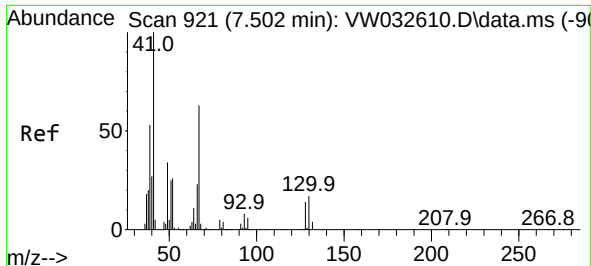
Tgt Ion: 83 Resp: 852467
Ion Ratio Lower Upper
83 100
55 78.6 61.2 91.8
98 49.4 37.0 55.4



#40
Benzene
Concen: 90.764 ug/l
RT: 8.331 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

Tgt Ion: 78 Resp: 1970209
Ion Ratio Lower Upper
78 100
77 23.0 18.6 28.0



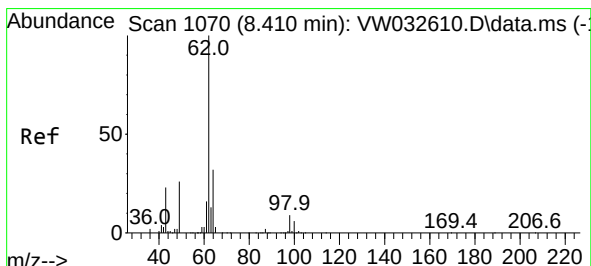
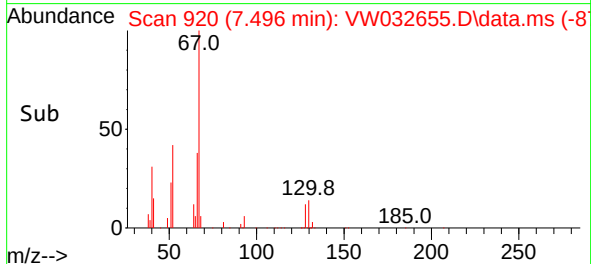
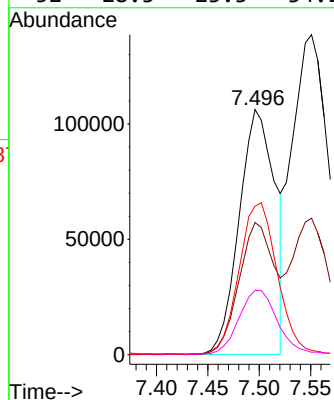
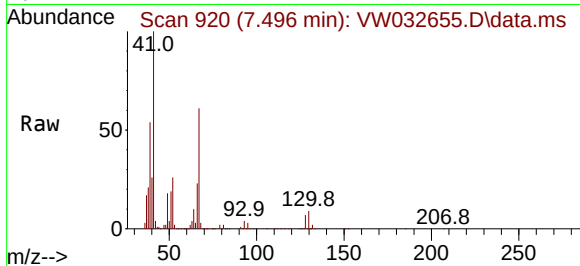


#41
Methacrylonitrile
Concen: 96.905 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 257803

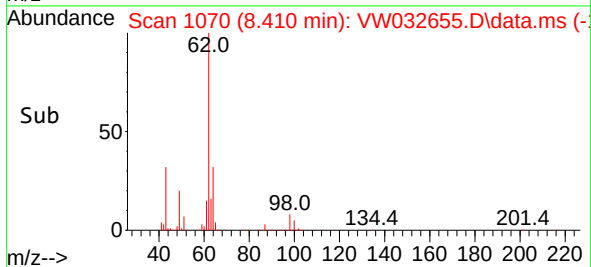
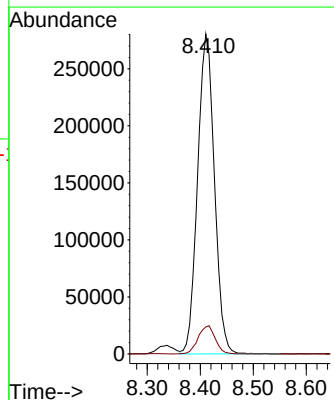
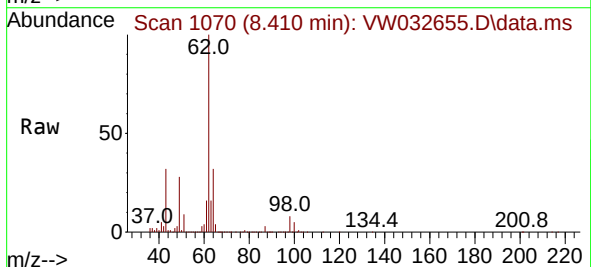
Ion	Ratio	Lower	Upper
41	100		
39	53.1	47.3	70.9
67	66.5	55.9	83.9
52	28.3	23.3	34.9

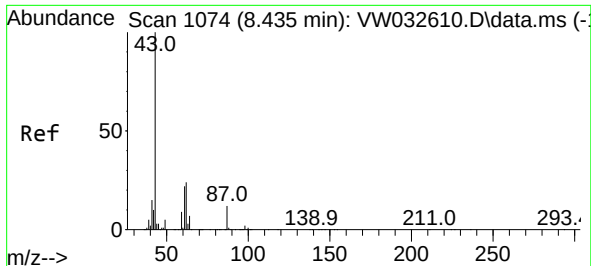


#42
1,2-Dichloroethane
Concen: 89.960 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

Tgt Ion: 62 Resp: 617905

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.8

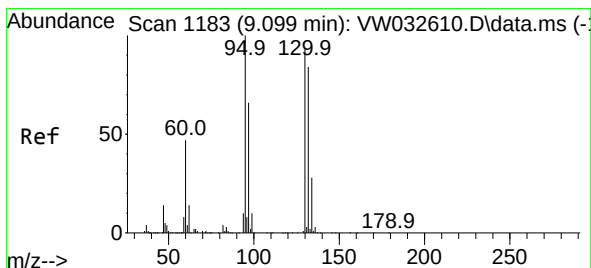
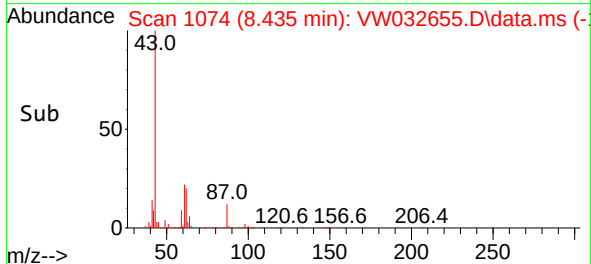
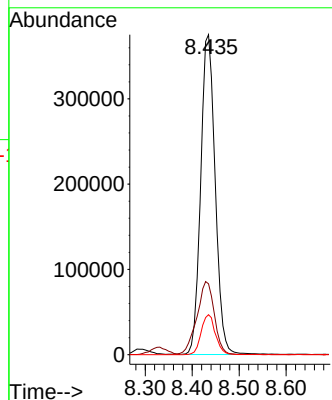
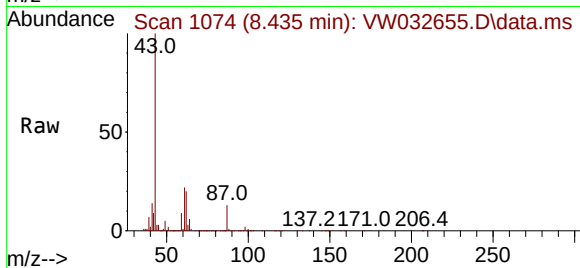




#43
Isopropyl Acetate
Concen: 96.183 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

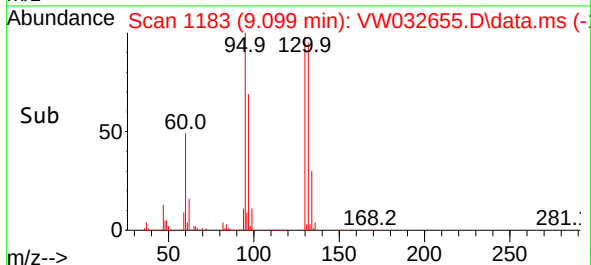
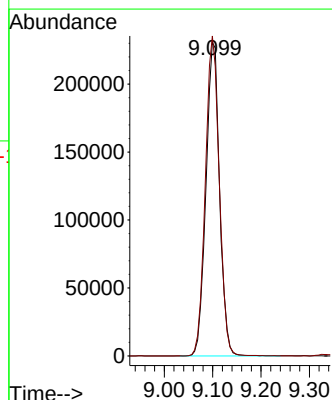
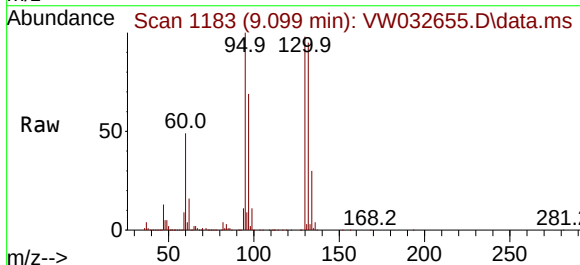
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

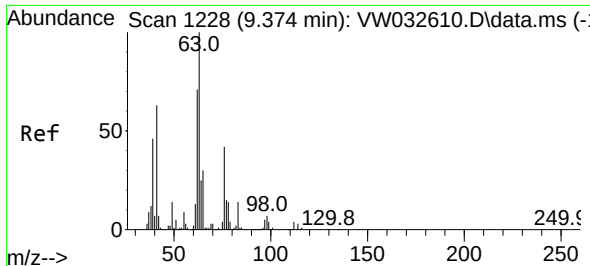
Tgt Ion: 43 Resp: 803602
Ion Ratio Lower Upper
43 100
61 27.4 22.7 34.1
87 12.3 9.6 14.4



#44
Trichloroethene
Concen: 90.158 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.006 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

Tgt Ion: 130 Resp: 452639
Ion Ratio Lower Upper
130 100
95 102.1 0.0 215.6

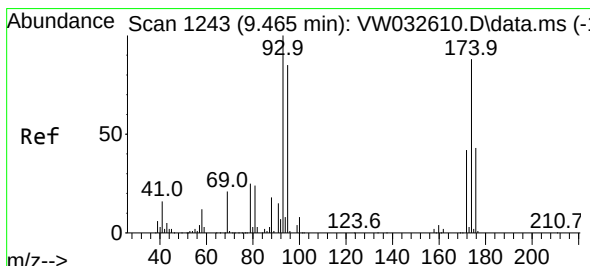
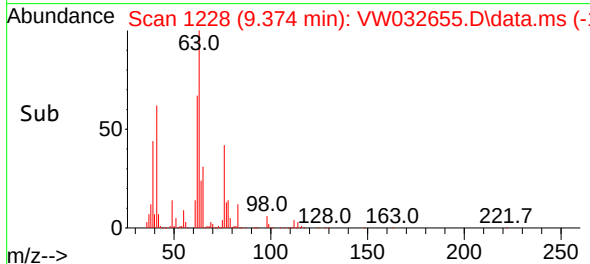
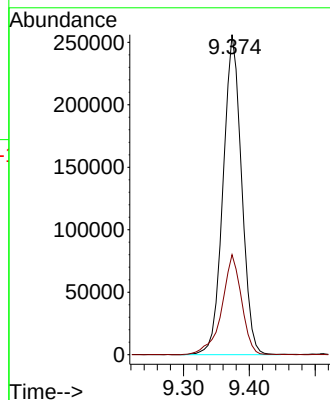
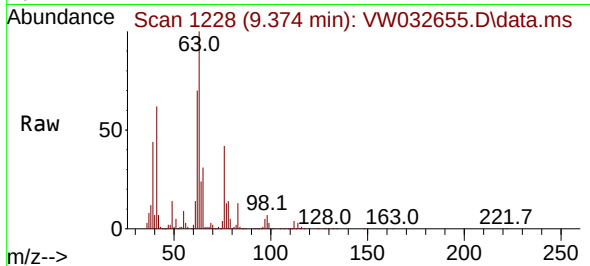




#45
1,2-Dichloropropane
Concen: 90.564 ug/l
RT: 9.374 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

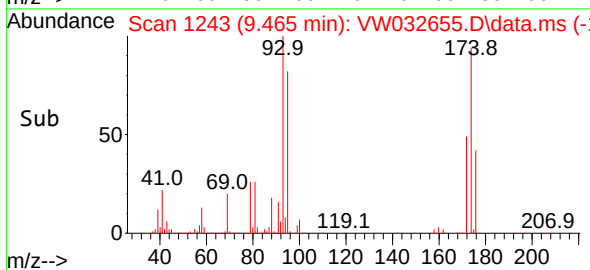
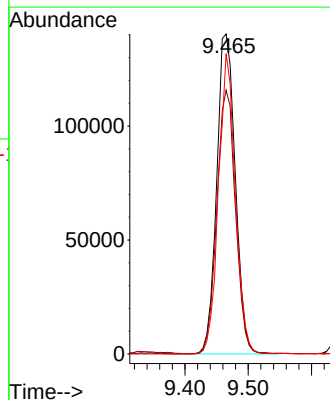
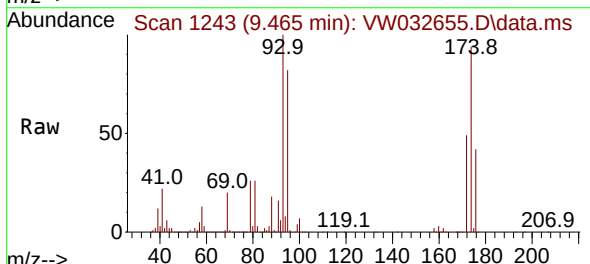
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

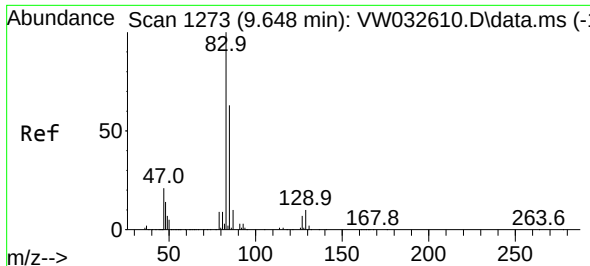
Tgt Ion: 63 Resp: 501363
Ion Ratio Lower Upper
63 100
65 31.2 23.8 35.6



#46
Dibromomethane
Concen: 89.906 ug/l
RT: 9.465 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

Tgt Ion: 93 Resp: 286325
Ion Ratio Lower Upper
93 100
95 82.5 67.0 100.4
174 85.0 67.6 101.4

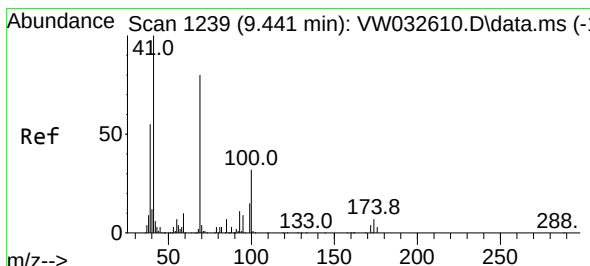
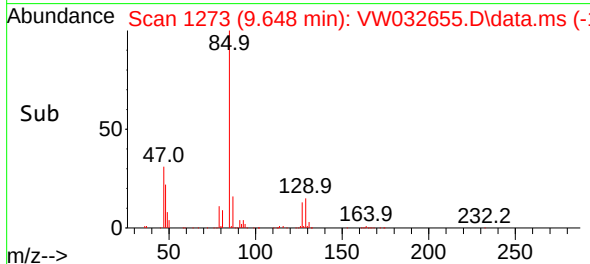
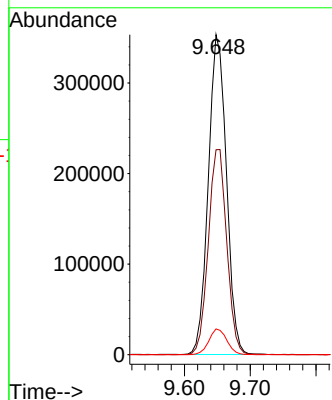
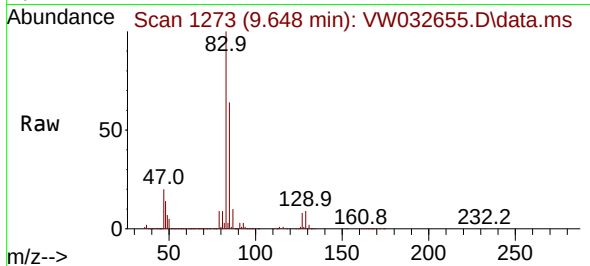




#47
Bromodichloromethane
Concen: 90.129 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

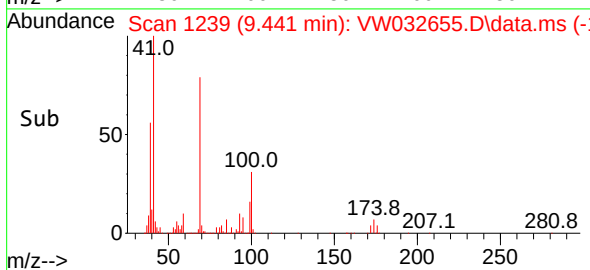
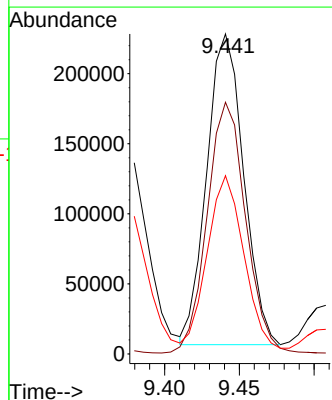
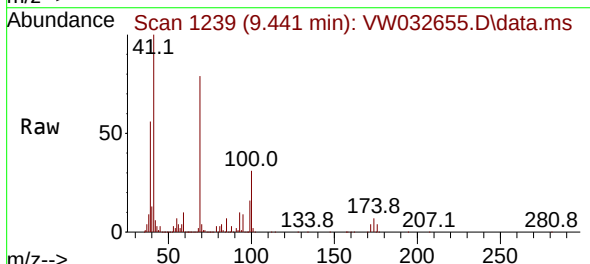
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

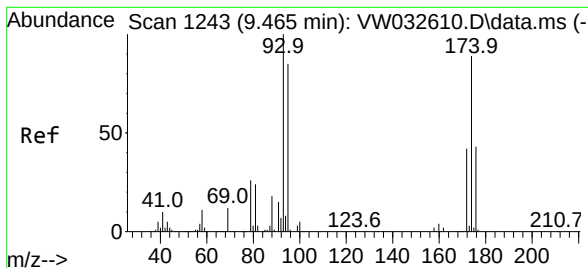
Tgt Ion: 83 Resp: 676498
Ion Ratio Lower Upper
83 100
85 64.1 50.7 76.1
127 8.1 6.0 9.0



#48
Methyl methacrylate
Concen: 94.601 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

Tgt Ion: 41 Resp: 380523
Ion Ratio Lower Upper
41 100
69 85.1 67.9 101.9
39 54.2 43.8 65.8





#49

1,4-Dioxane

Concen: 1921.892 ug/l

RT: 9.465 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032655.D

Acq: 16 Dec 2025 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

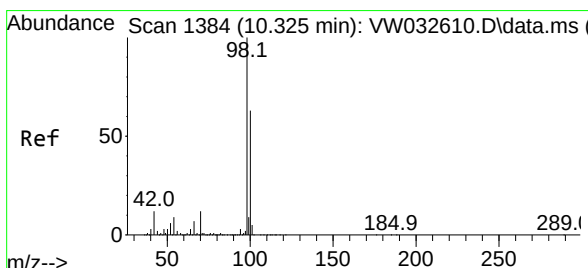
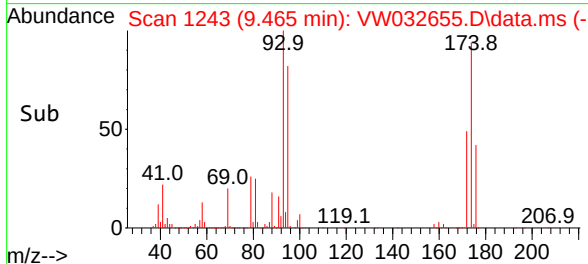
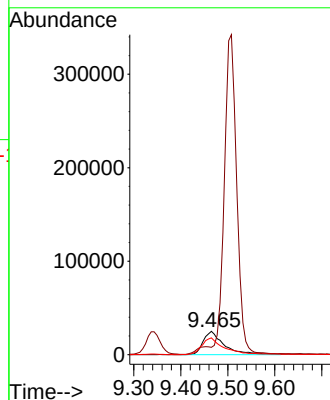
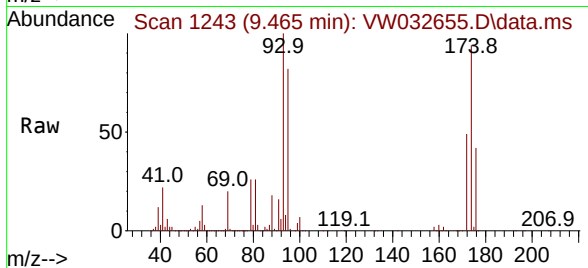
Tgt Ion: 88 Resp: 77657

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 78.4 63.8 95.8



#50

Toluene-d8

Concen: 76.980 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032655.D

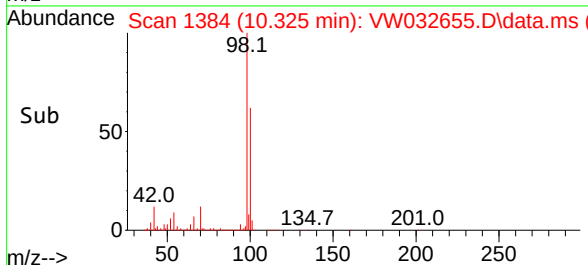
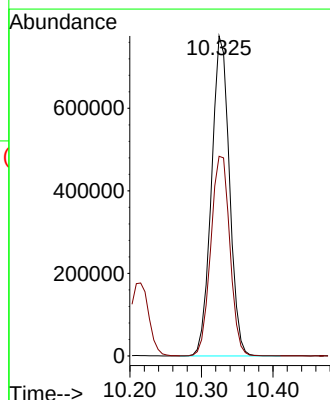
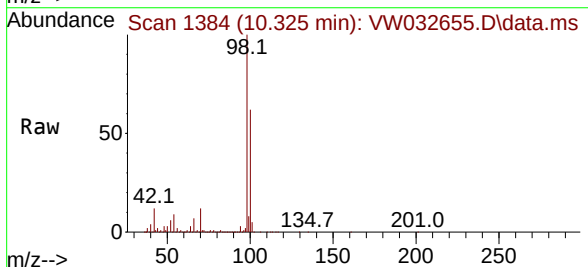
Acq: 16 Dec 2025 14:31

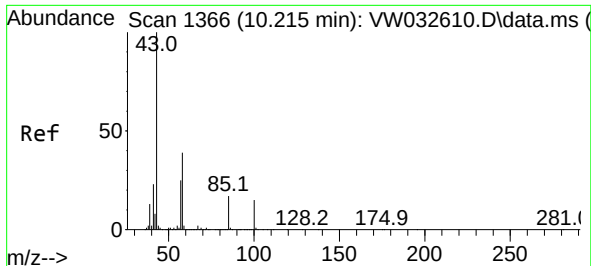
Tgt Ion: 98 Resp: 1353610

Ion Ratio Lower Upper

98 100

100 66.2 52.2 78.2

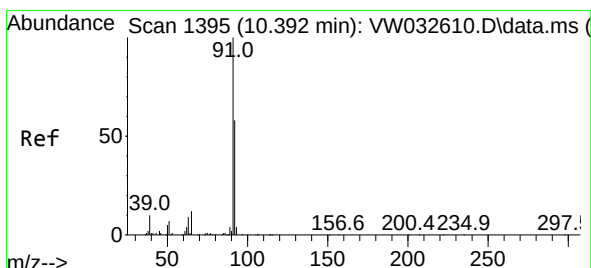
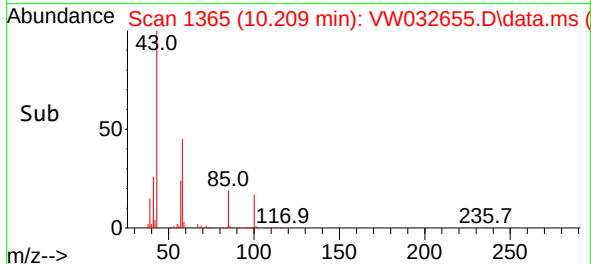
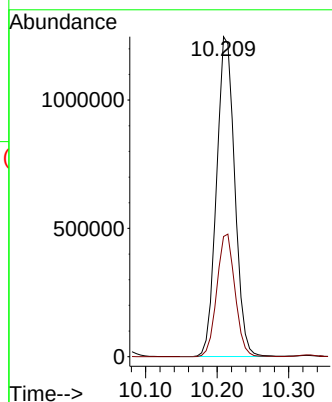
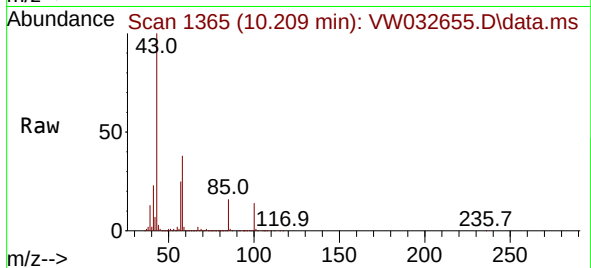




#51
4-Methyl-2-Pentanone
Concen: 469.850 ug/l
RT: 10.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

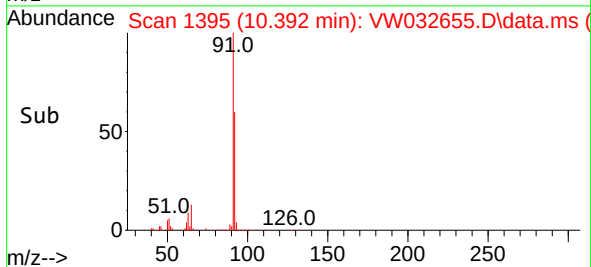
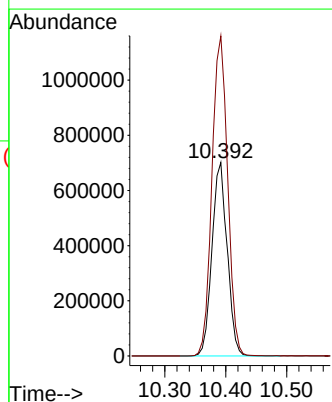
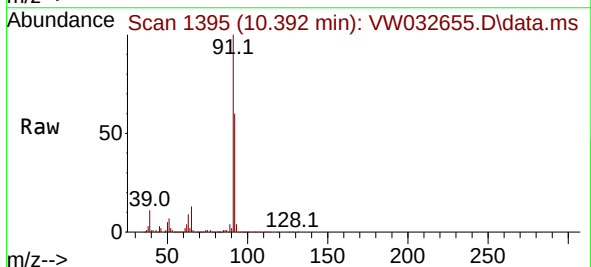
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

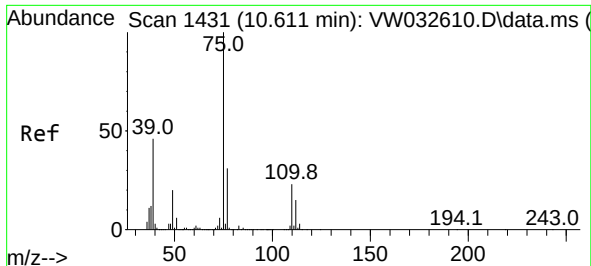
Tgt Ion: 43 Resp: 2204754
Ion Ratio Lower Upper
43 100
58 38.2 30.6 45.8



#52
Toluene
Concen: 90.842 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

Tgt Ion: 92 Resp: 1214239
Ion Ratio Lower Upper
92 100
91 170.7 137.6 206.4

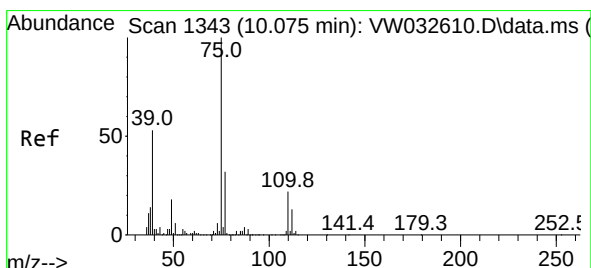
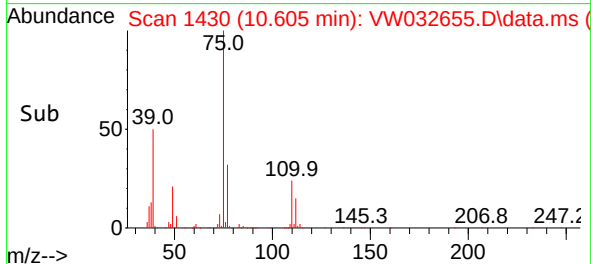
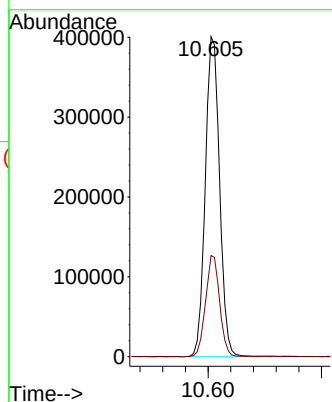
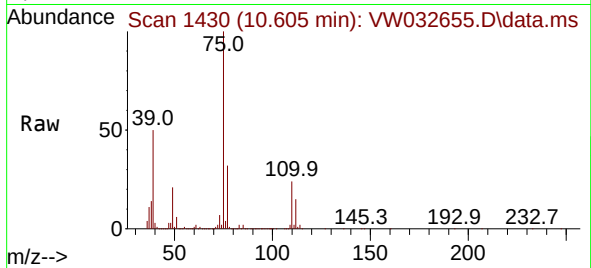




#53
t-1,3-Dichloropropene
Concen: 96.354 ug/l
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

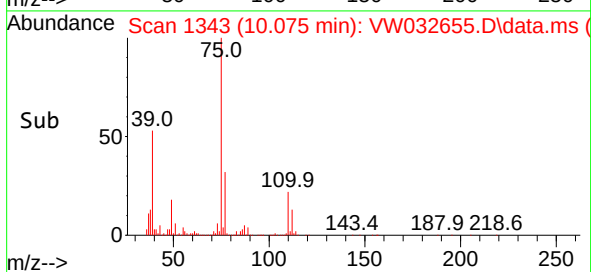
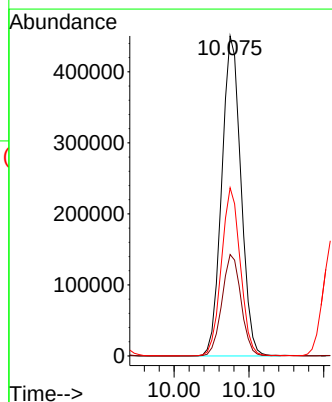
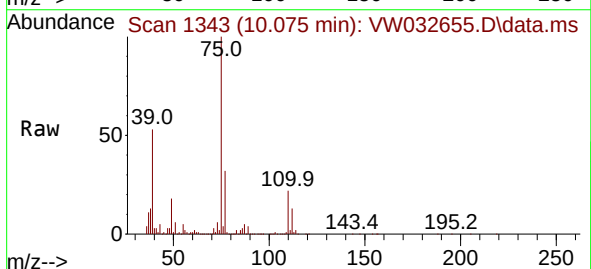
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

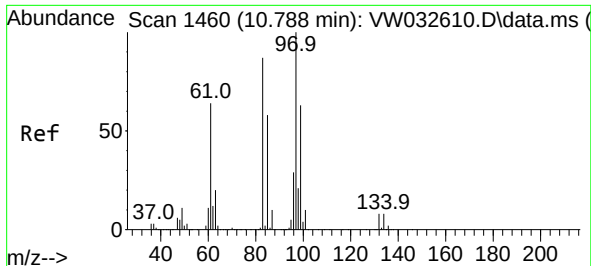
Tgt Ion: 75 Resp: 703658
Ion Ratio Lower Upper
75 100
77 31.6 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 94.533 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

Tgt Ion: 75 Resp: 802897
Ion Ratio Lower Upper
75 100
77 31.7 26.0 39.0
39 52.5 42.5 63.7

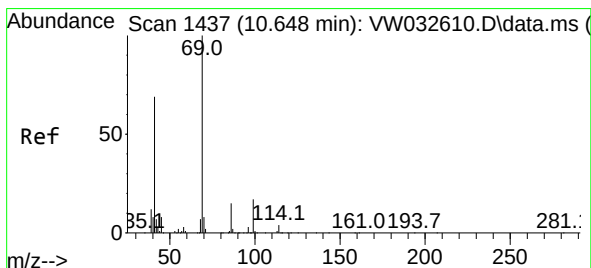
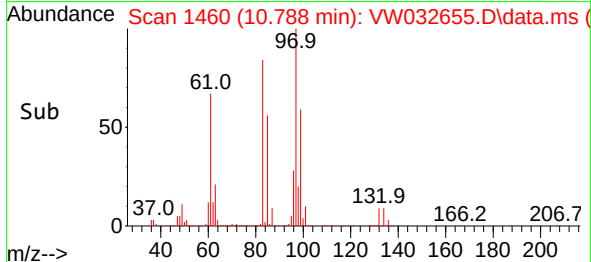
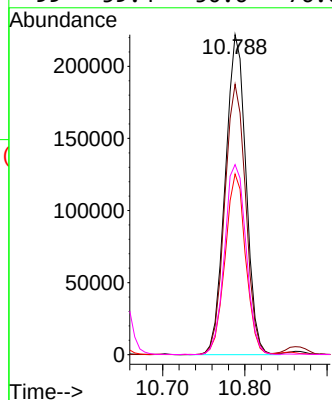
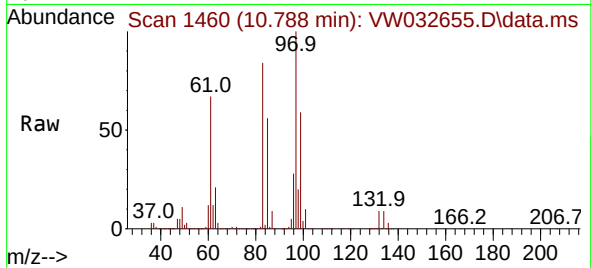




#55
1,1,2-Trichloroethane
Concen: 90.318 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

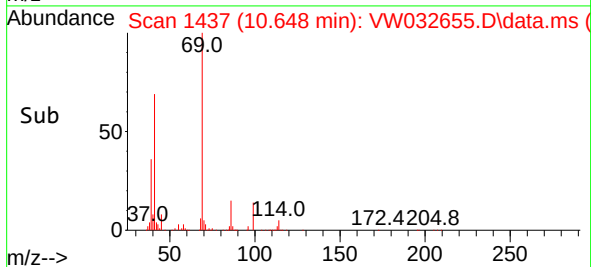
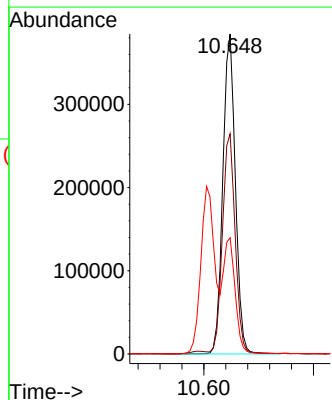
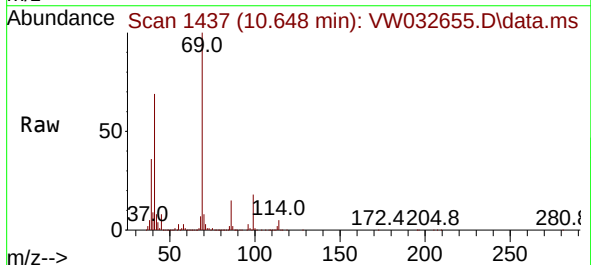
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

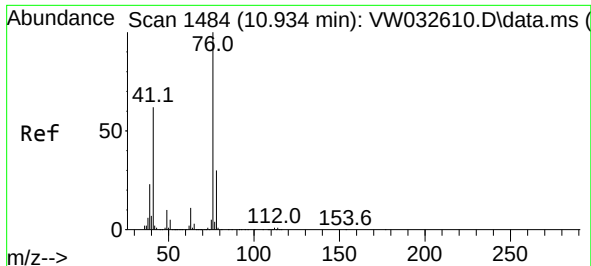
Tgt Ion:	97	Resp:	389971
Ion	Ratio	Lower	Upper
97	100		
83	84.5	69.3	103.9
85	56.4	46.1	69.1
99	59.4	50.6	76.0



#56
Ethyl methacrylate
Concen: 102.116 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

Tgt Ion:	69	Resp:	612296
Ion	Ratio	Lower	Upper
69	100		
41	69.6	57.0	85.6
39	33.7	27.2	40.8

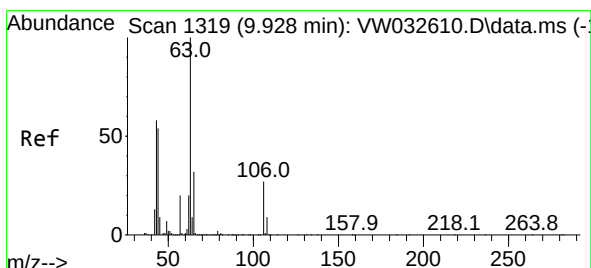
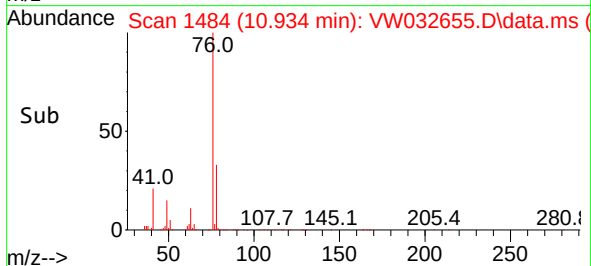
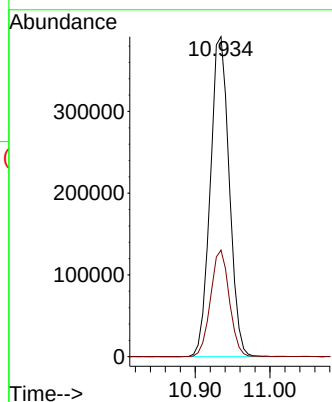
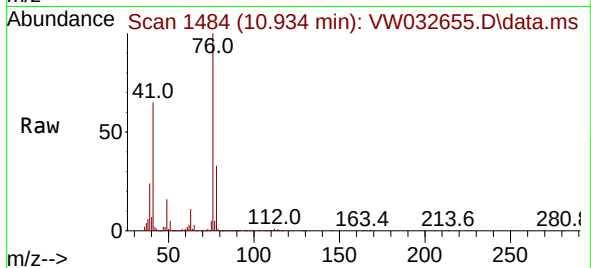




#57
1,3-Dichloropropane
Concen: 90.410 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

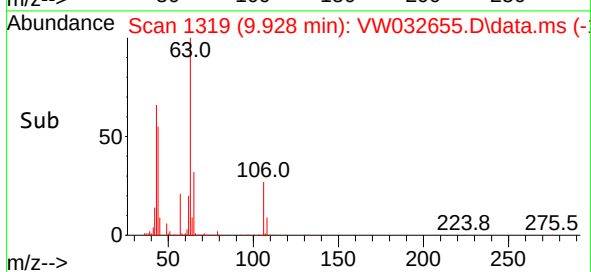
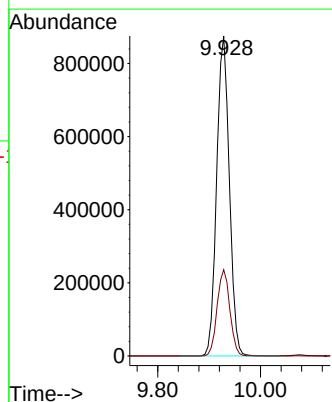
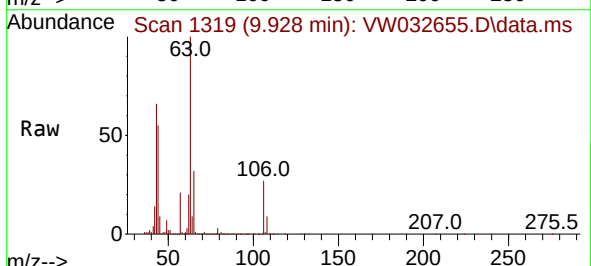
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

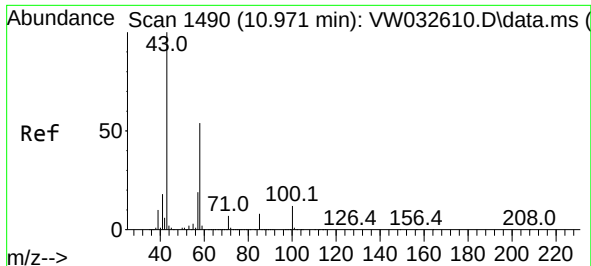
Tgt Ion: 76 Resp: 691534
Ion Ratio Lower Upper
76 100
78 33.0 25.2 37.8



#58
2-Chloroethyl Vinyl ether
Concen: 476.364 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. -0.001 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

Tgt Ion: 63 Resp: 1498537
Ion Ratio Lower Upper
63 100
106 27.0 21.3 31.9

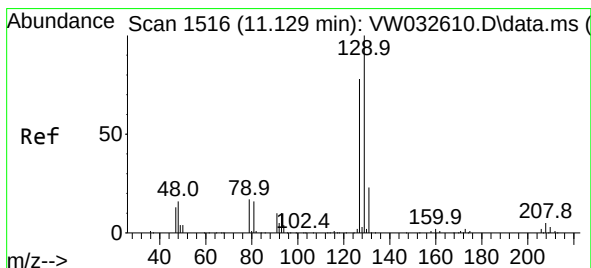
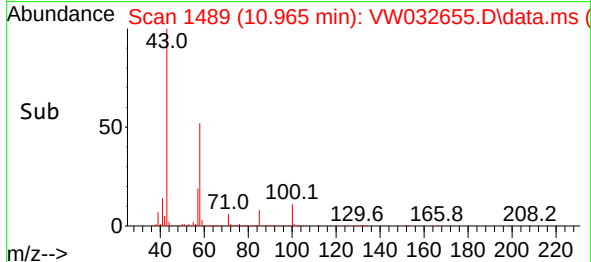
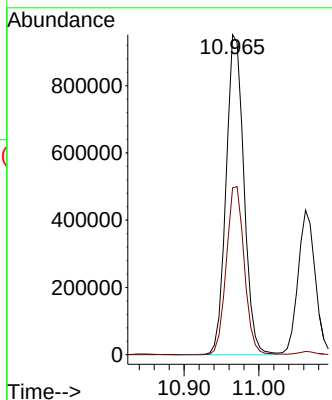
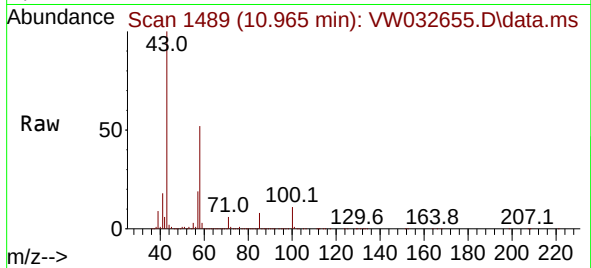




#59
2-Hexanone
Concen: 467.120 ug/l
RT: 10.965 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

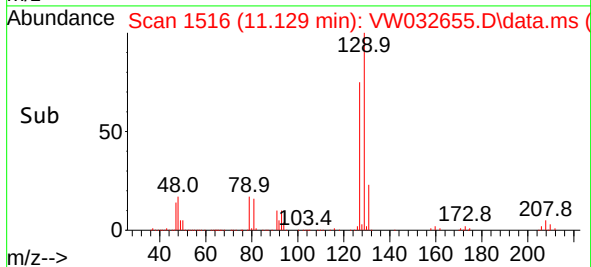
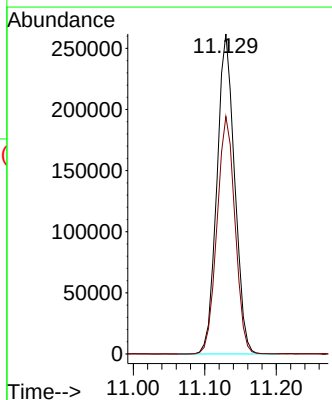
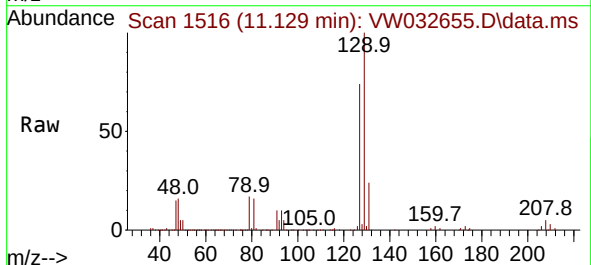
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

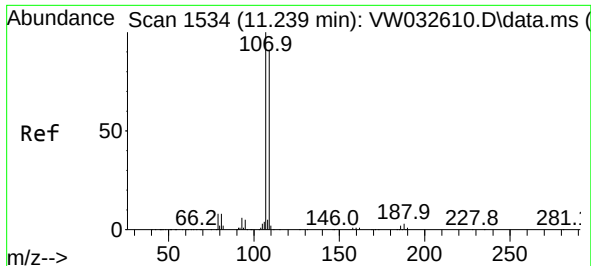
Tgt Ion: 43 Resp: 1579057
Ion Ratio Lower Upper
43 100
58 53.1 26.3 78.9



#60
Dibromochloromethane
Concen: 94.092 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

Tgt Ion: 129 Resp: 450195
Ion Ratio Lower Upper
129 100
127 75.3 37.2 111.6

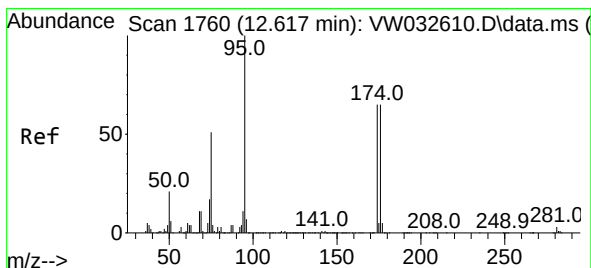
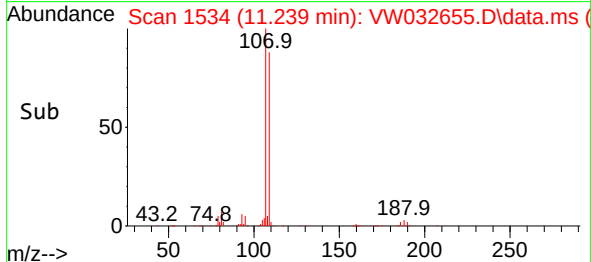
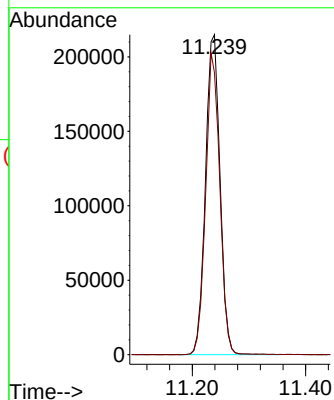
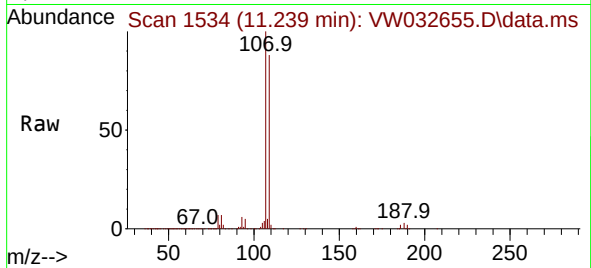




#61
1,2-Dibromoethane
Concen: 92.969 ug/l
RT: 11.239 min Scan# 1534
Delta R.T. -0.000 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

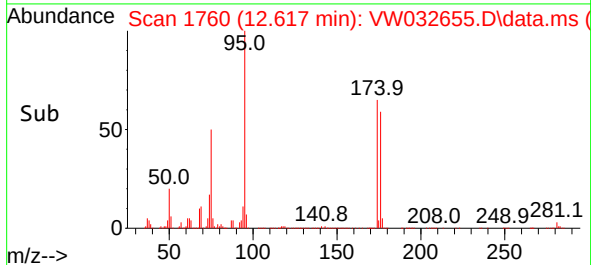
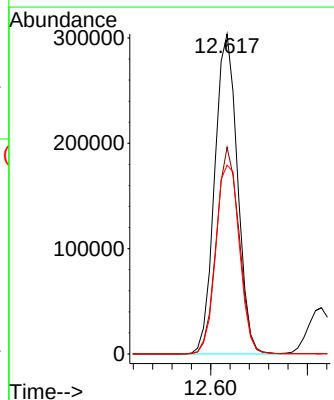
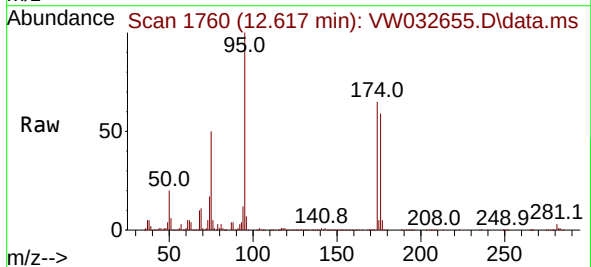
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

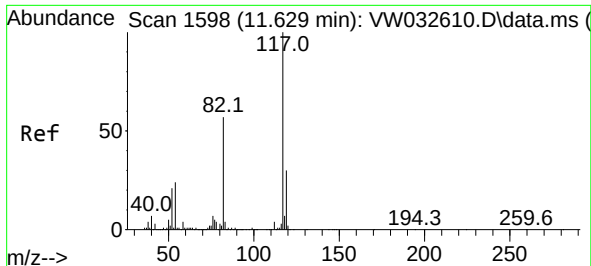
Tgt Ion:107 Resp: 382641
Ion Ratio Lower Upper
107 100
109 91.4 73.0 109.4



#62
4-Bromofluorobenzene
Concen: 76.815 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

Tgt Ion: 95 Resp: 496798
Ion Ratio Lower Upper
95 100
174 64.6 0.0 135.0
176 61.7 0.0 123.4

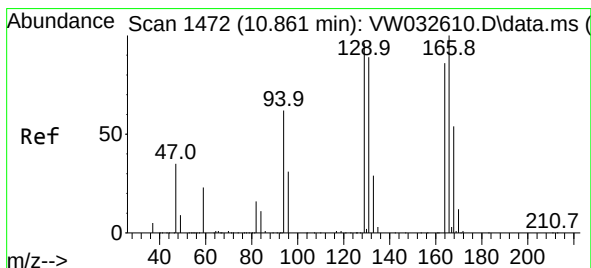
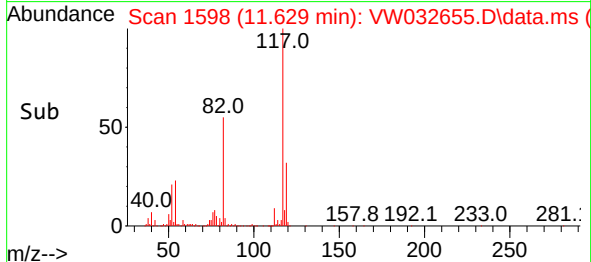
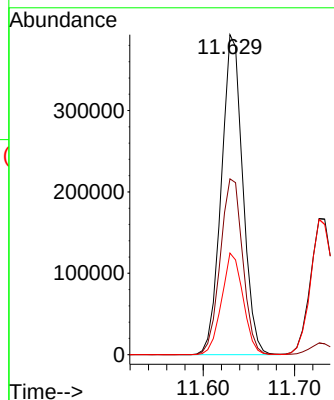
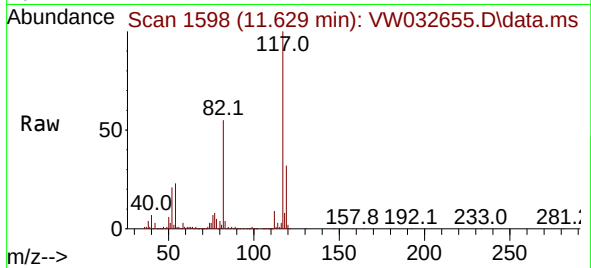




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

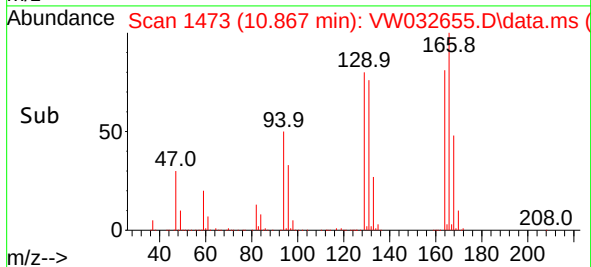
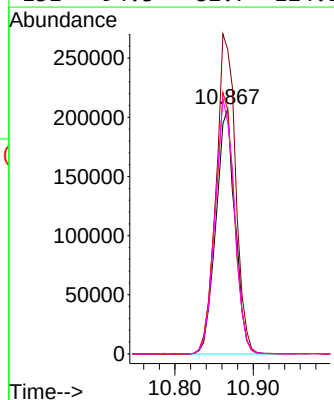
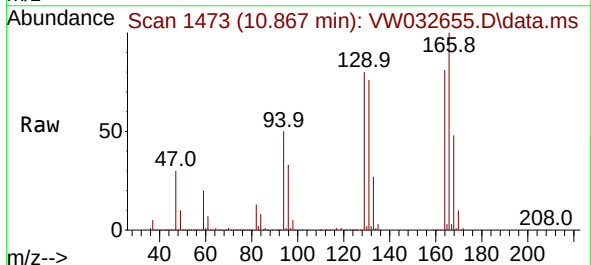
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

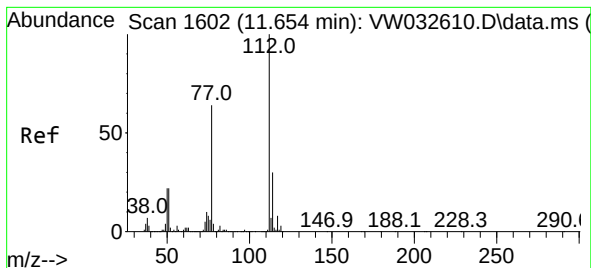
Tgt Ion:117 Resp: 641878
Ion Ratio Lower Upper
117 100
82 54.9 45.5 68.3
119 31.7 23.8 35.8



#64
Tetrachloroethene
Concen: 85.793 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

Tgt Ion:164 Resp: 351304
Ion Ratio Lower Upper
164 100
166 124.0 93.0 139.6
129 99.5 89.2 133.8
131 94.3 82.7 124.1





#65

Chlorobenzene

Concen: 93.180 ug/l

RT: 11.654 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032655.D

Acq: 16 Dec 2025 14:31

Instrument :

MSVOA_W

ClientSampleId :

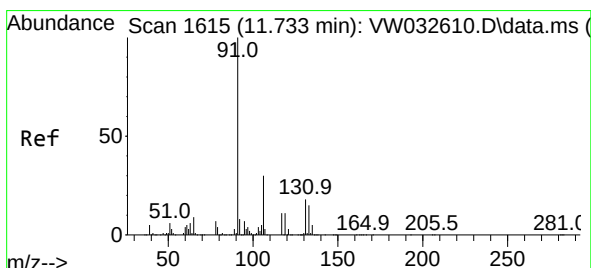
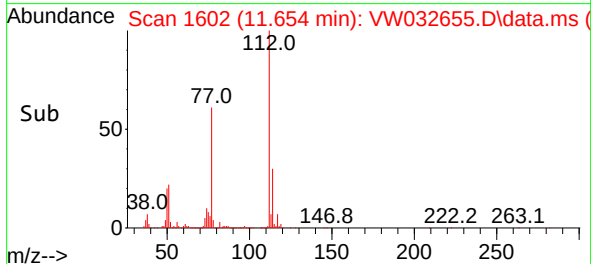
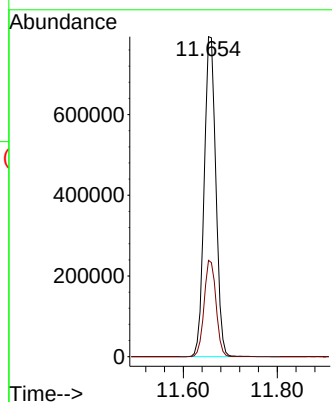
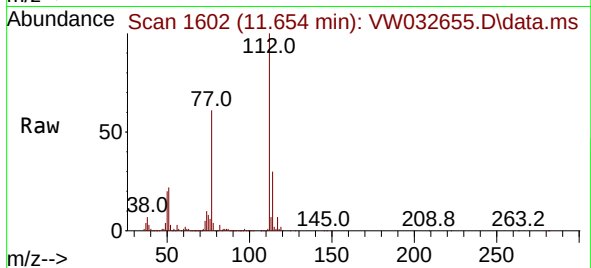
VSTDIC100

Tgt Ion:112 Resp: 1359303

Ion Ratio Lower Upper

112 100

114 30.1 23.8 35.8



#66

1,1,1,2-Tetrachloroethane

Concen: 96.180 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.006 min

Lab File: VW032655.D

Acq: 16 Dec 2025 14:31

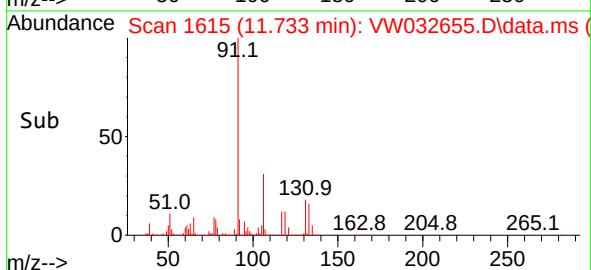
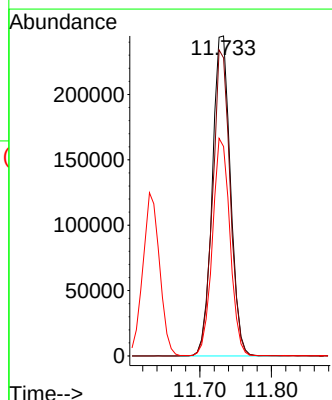
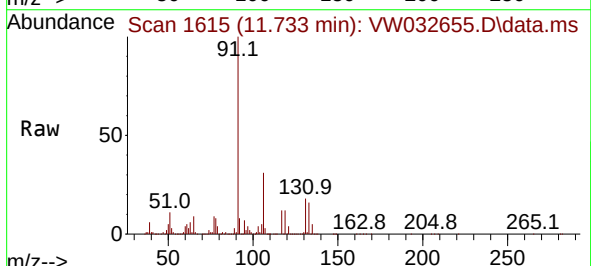
Tgt Ion:131 Resp: 429509

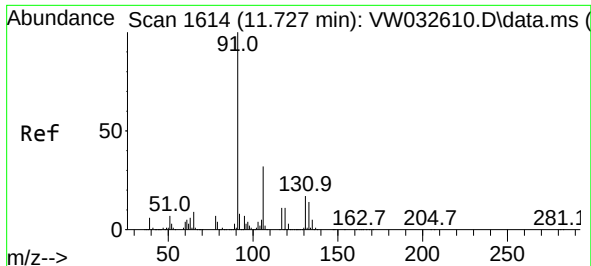
Ion Ratio Lower Upper

131 100

133 92.7 44.0 132.1

119 66.1 32.0 96.2





#67

Ethyl Benzene

Concen: 94.934 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032655.D

Acq: 16 Dec 2025 14:31

Instrument :

MSVOA_W

ClientSampleId :

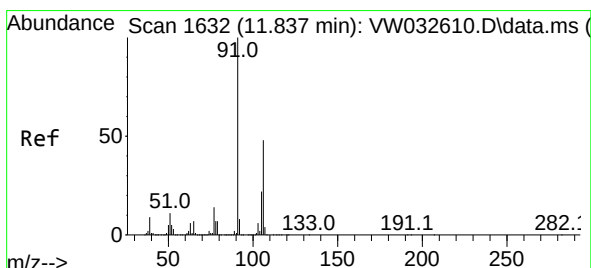
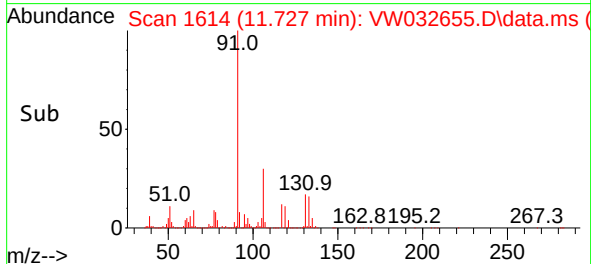
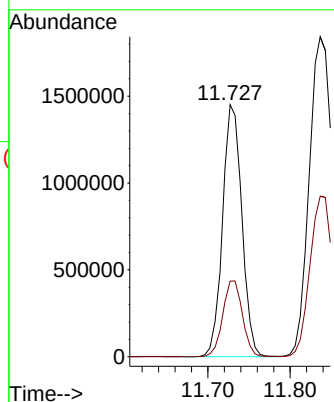
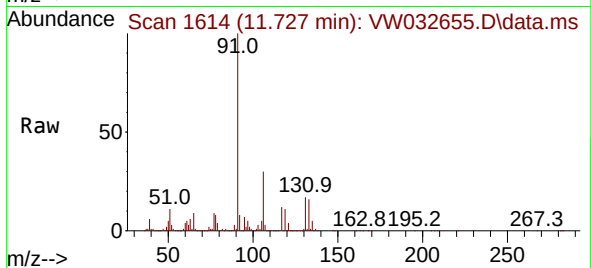
VSTDIC100

Tgt Ion: 91 Resp: 2367063

Ion Ratio Lower Upper

91 100

106 30.0 25.8 38.6



#68

m/p-Xylenes

Concen: 186.747 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032655.D

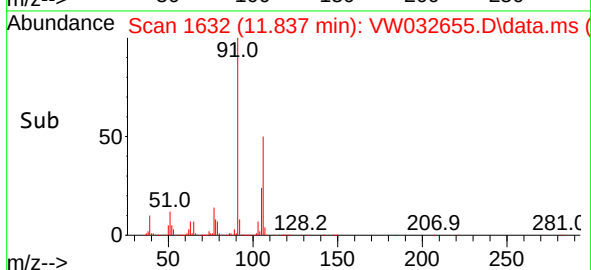
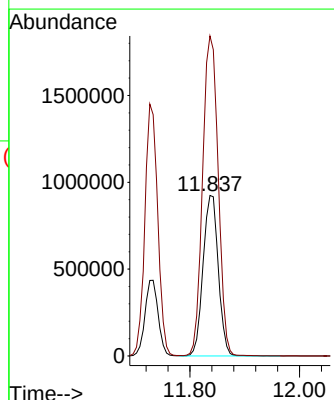
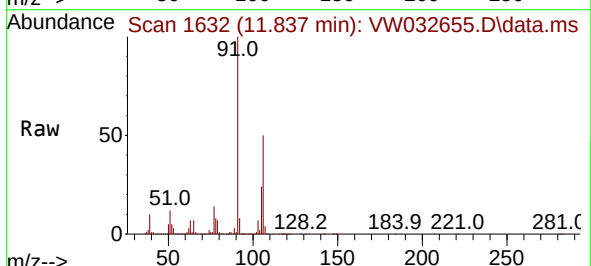
Acq: 16 Dec 2025 14:31

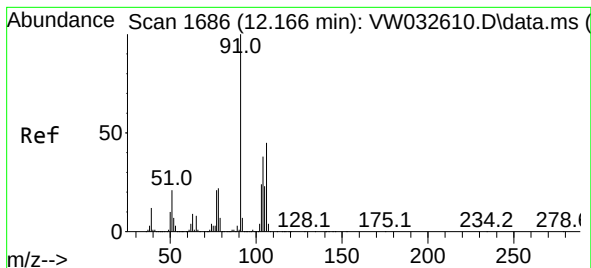
Tgt Ion:106 Resp: 1775968

Ion Ratio Lower Upper

106 100

91 204.6 165.6 248.4

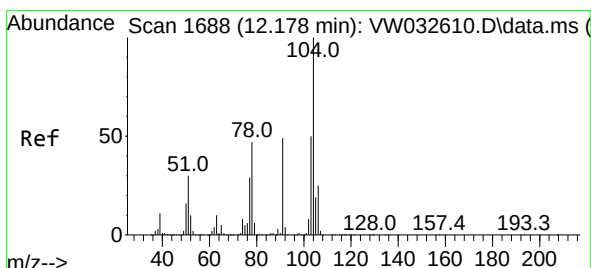
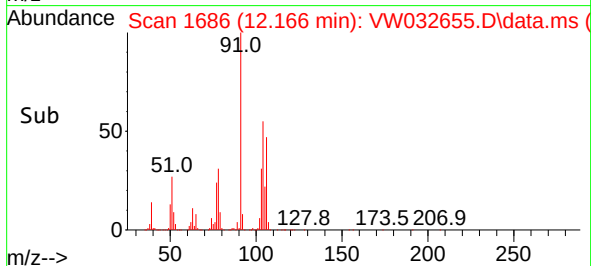
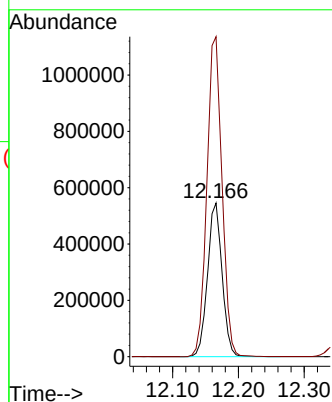
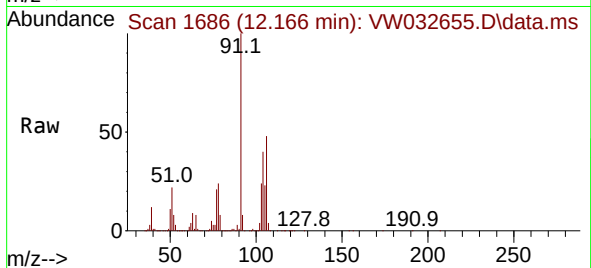




#69
o-Xylene
Concen: 96.662 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

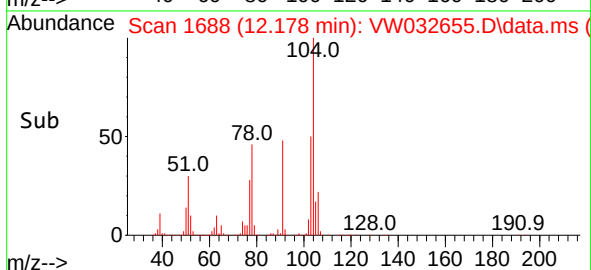
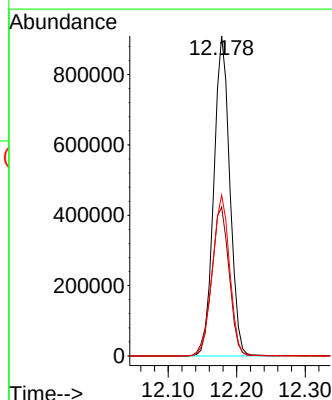
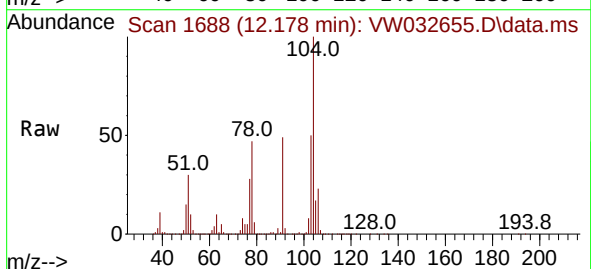
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

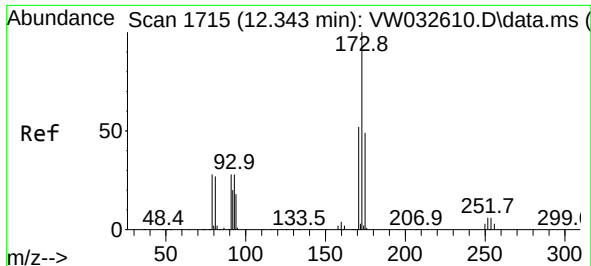
Tgt Ion:106 Resp: 839804
Ion Ratio Lower Upper
106 100
91 216.3 108.3 324.8



#70
Styrene
Concen: 97.091 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

Tgt Ion:104 Resp: 1469747
Ion Ratio Lower Upper
104 100
78 51.4 41.5 62.3
103 54.0 43.8 65.6

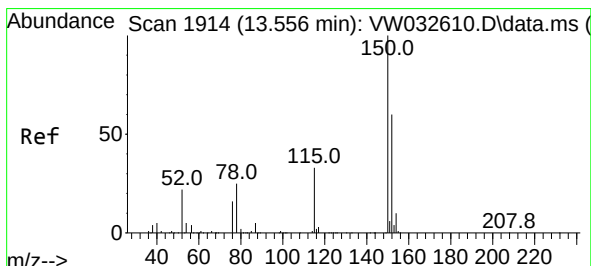
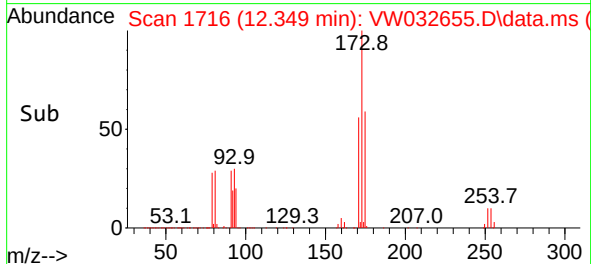
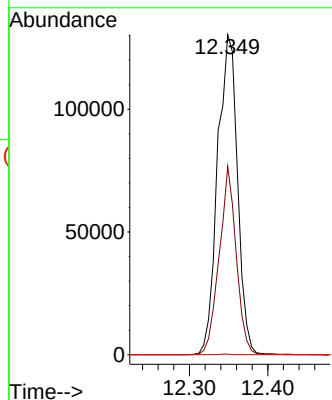
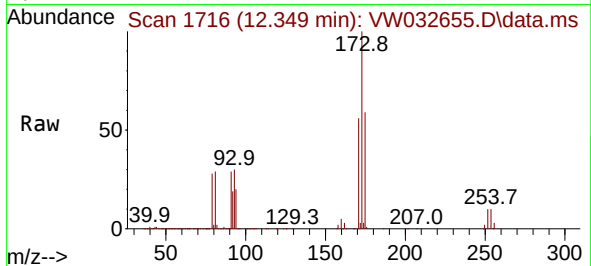




#71
Bromoform
Concen: 92.355 ug/l
RT: 12.349 min Scan# 1715
Delta R.T. -0.000 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

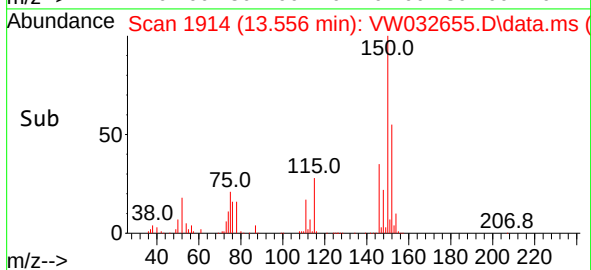
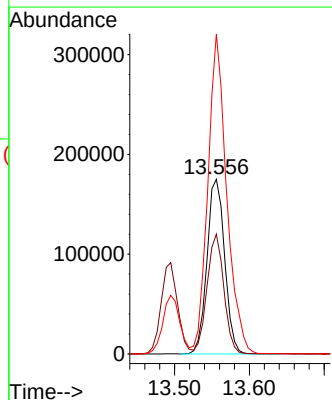
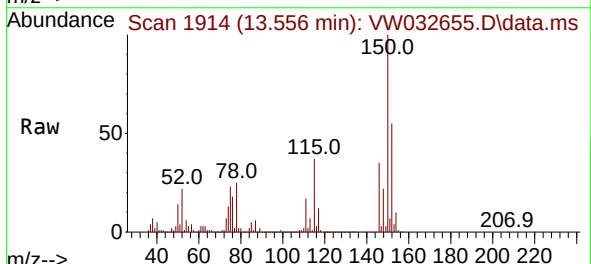
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

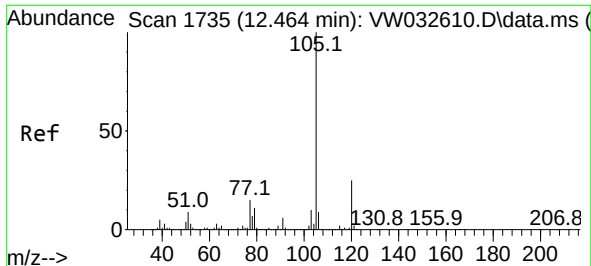
Tgt Ion:173 Resp: 230426
Ion Ratio Lower Upper
173 100
175 50.4 24.9 74.7
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

Tgt Ion:152 Resp: 286883
Ion Ratio Lower Upper
152 100
115 65.2 33.8 101.3
150 195.4 0.0 369.4

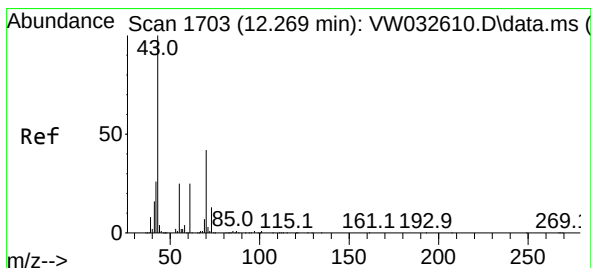
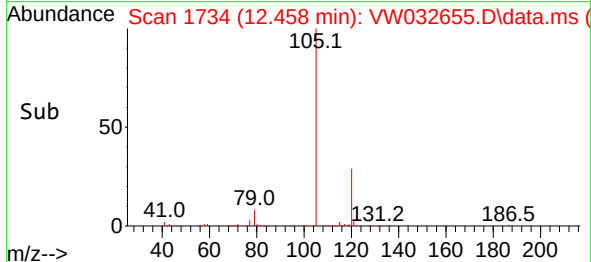
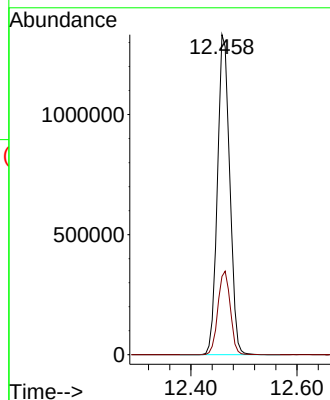
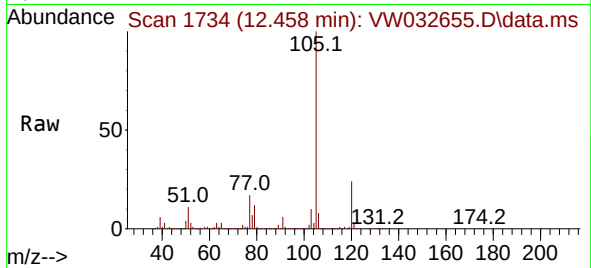




#73
Isopropylbenzene
Concen: 99.414 ug/l
RT: 12.458 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

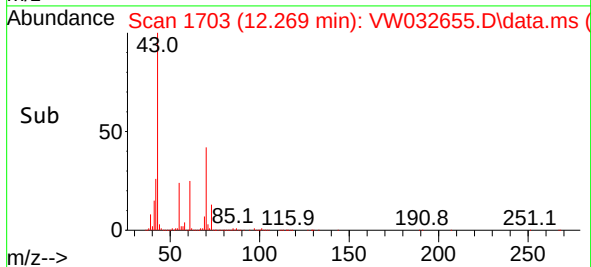
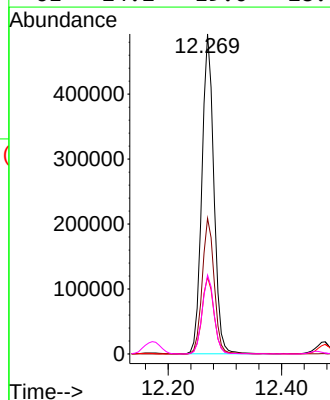
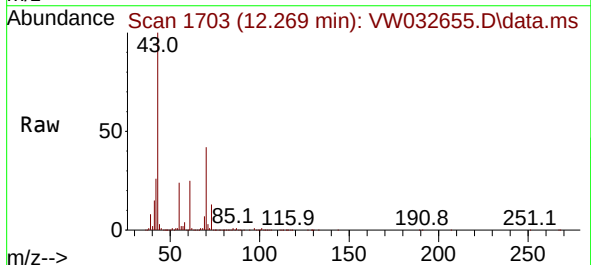
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

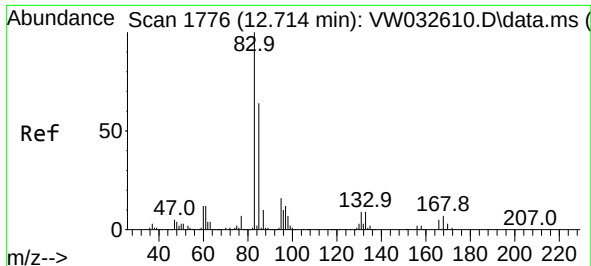
Tgt Ion:105 Resp: 2145976
Ion Ratio Lower Upper
105 100
120 26.3 13.0 39.0



#74
N-ethyl acetate
Concen: 102.473 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

Tgt Ion: 43 Resp: 722669
Ion Ratio Lower Upper
43 100
70 42.3 32.4 48.6
55 24.2 19.8 29.6
61 24.2 19.0 28.4

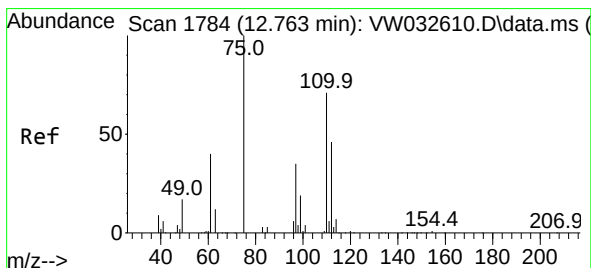
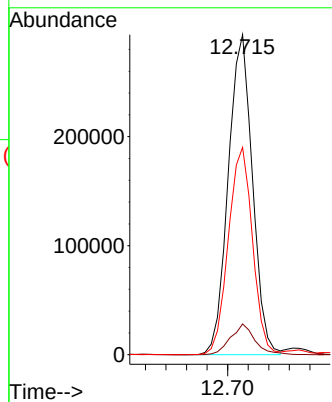
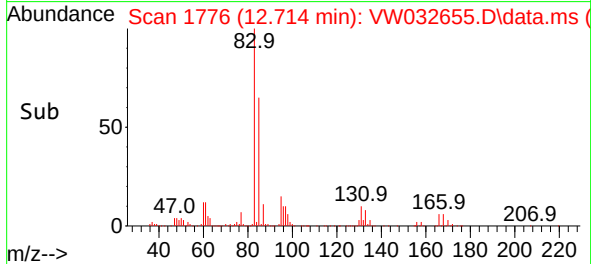
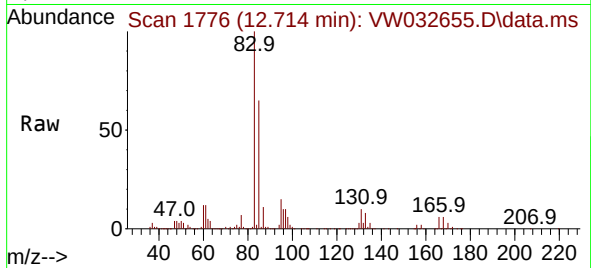




#75
1,1,2-Tetrachloroethane
Concen: 93.610 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

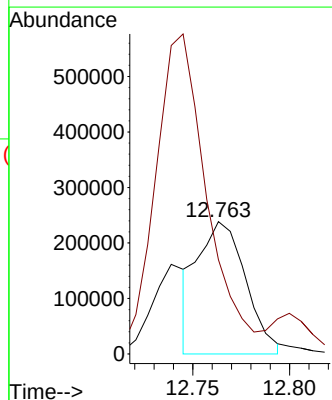
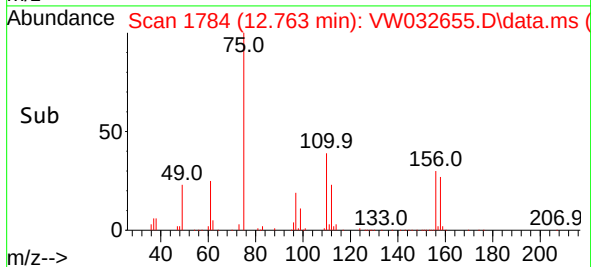
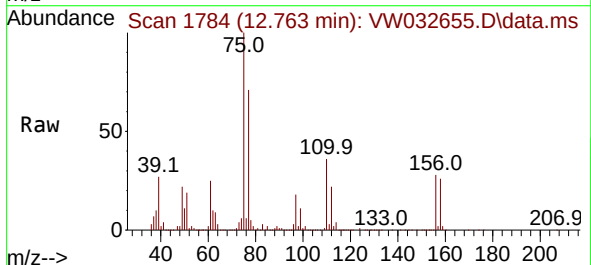
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

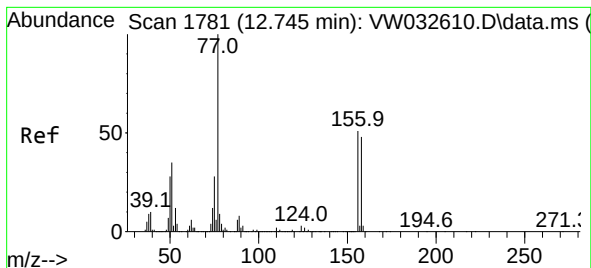
Tgt Ion: 83 Resp: 480253
Ion Ratio Lower Upper
83 100
131 9.6 5.0 14.9
85 64.7 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 62.445 ug/l m
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

Tgt Ion: 75 Resp: 409198
Ion Ratio Lower Upper
75 100
77 259.8 154.0 462.0





#77

Bromobenzene

Concen: 95.753 ug/l

RT: 12.739 min Scan# 1780

Delta R.T. -0.006 min

Lab File: VW032655.D

Acq: 16 Dec 2025 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

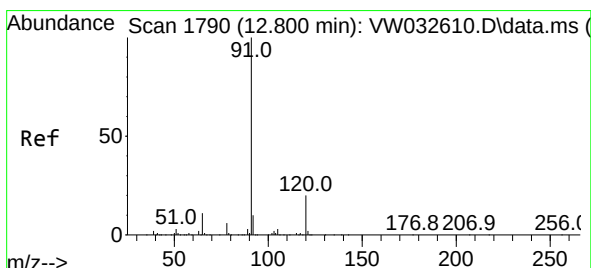
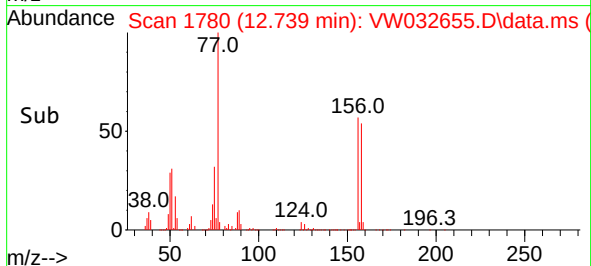
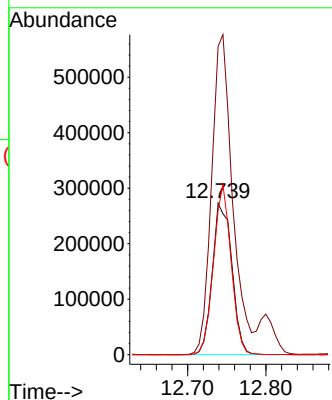
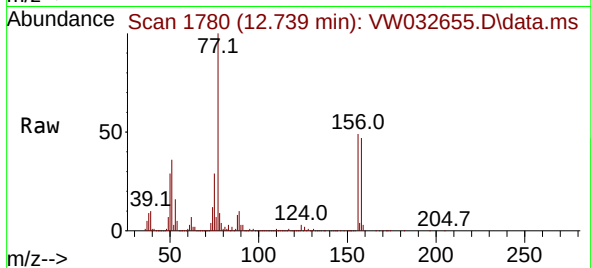
Tgt Ion:156 Resp: 476261

Ion Ratio Lower Upper

156 100

77 223.2 116.7 350.1

158 100.7 49.9 149.7



#78

n-propylbenzene

Concen: 98.047 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VW032655.D

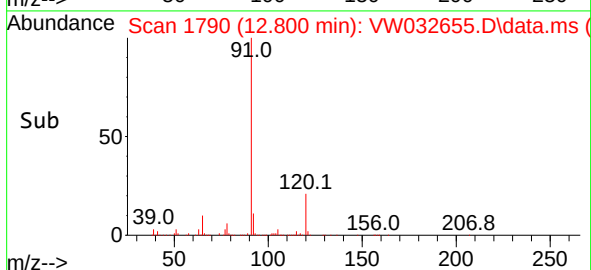
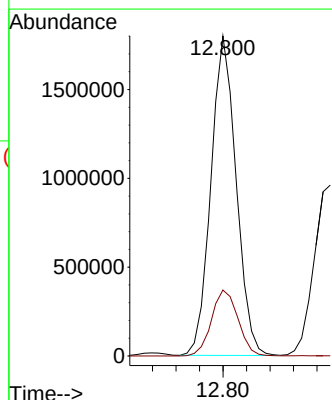
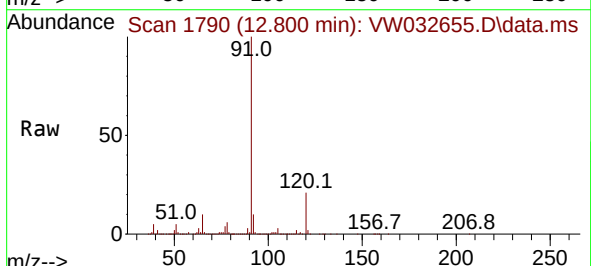
Acq: 16 Dec 2025 14:31

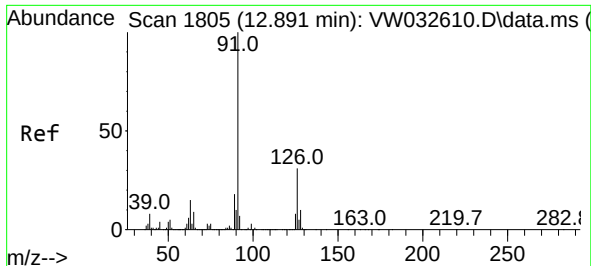
Tgt Ion: 91 Resp: 2681639

Ion Ratio Lower Upper

91 100

120 21.7 10.9 32.6

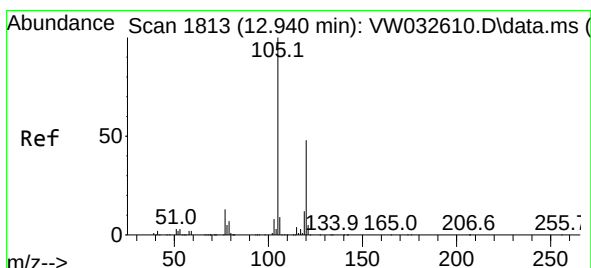
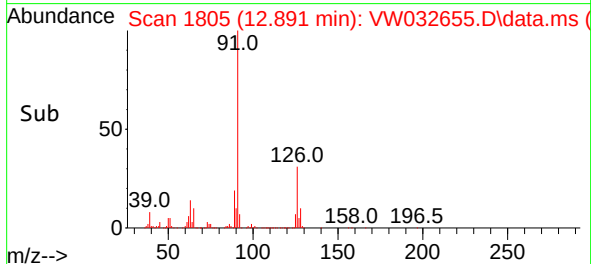
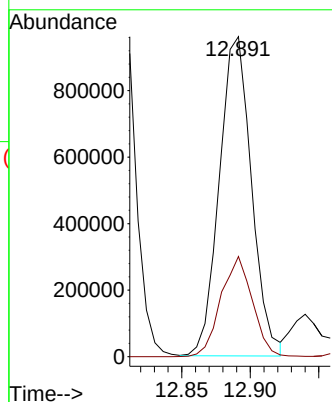
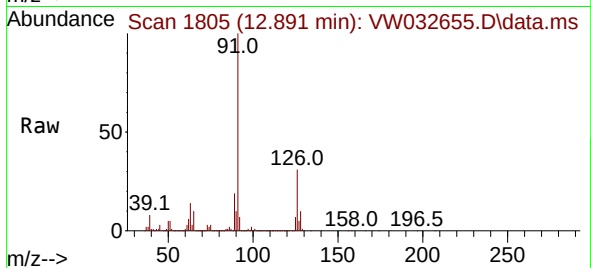




#79
2-Chlorotoluene
Concen: 96.437 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

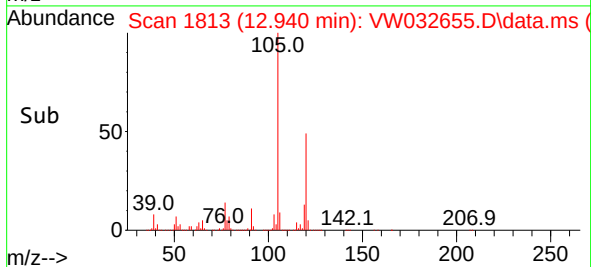
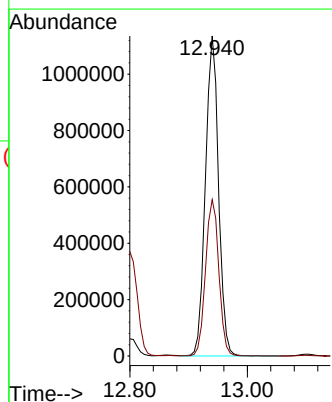
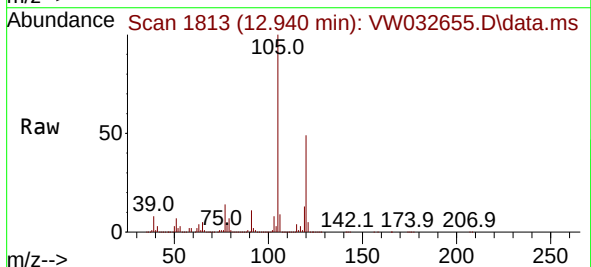
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

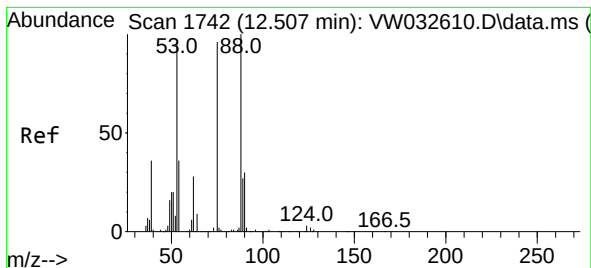
Tgt Ion: 91 Resp: 1571132
Ion Ratio Lower Upper
91 100
126 30.8 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 97.866 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

Tgt Ion:105 Resp: 1761210
Ion Ratio Lower Upper
105 100
120 49.5 24.3 72.8

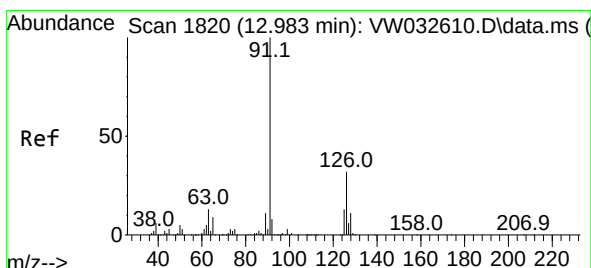
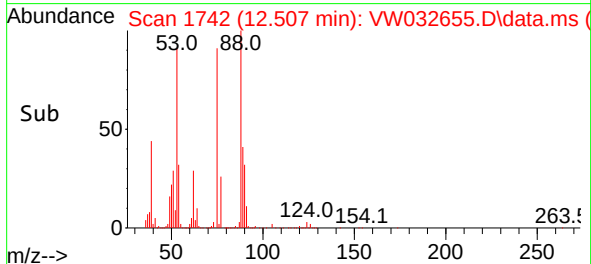
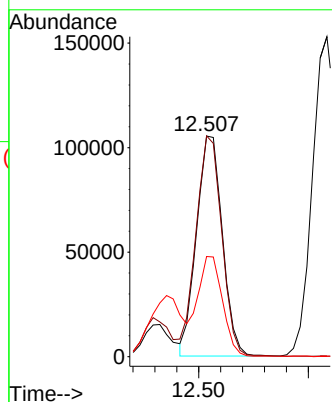
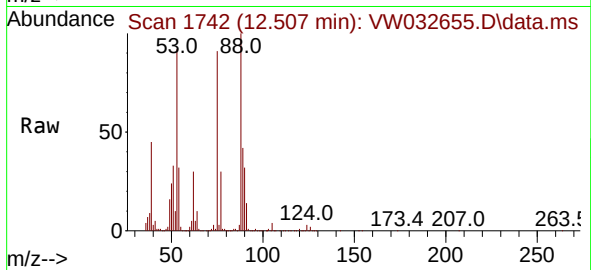




#81
trans-1,4-Dichloro-2-butene
Concen: 103.019 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. -0.000 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

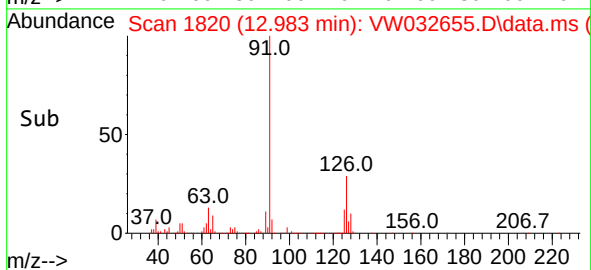
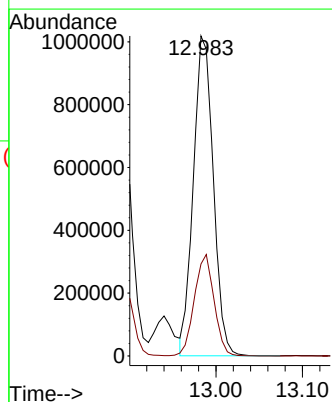
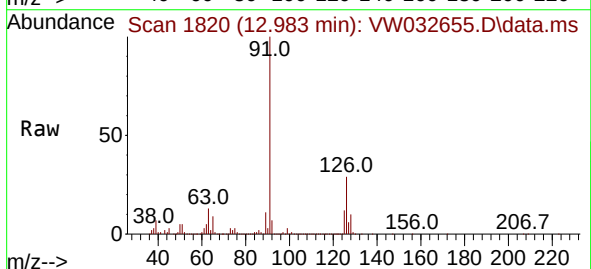
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

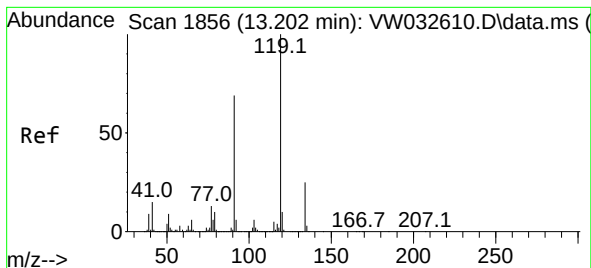
Tgt Ion: 75 Resp: 172385
Ion Ratio Lower Upper
75 100
53 101.7 86.1 129.1
89 43.7 37.4 56.2



#82
4-Chlorotoluene
Concen: 93.984 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

Tgt Ion: 91 Resp: 1625967
Ion Ratio Lower Upper
91 100
126 31.5 15.8 47.4

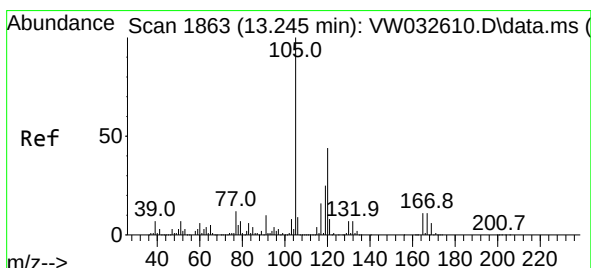
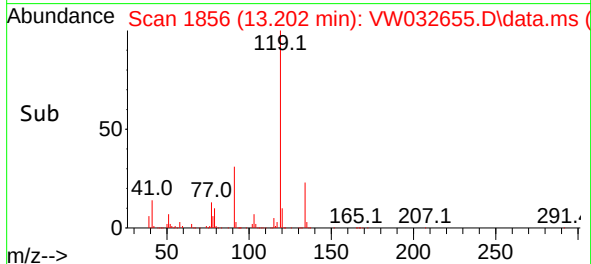
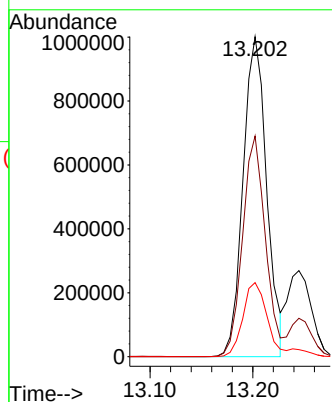
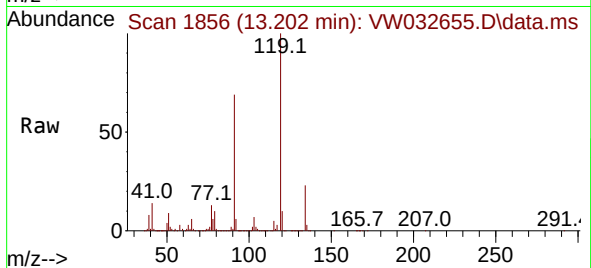




#83
tert-Butylbenzene
Concen: 103.621 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

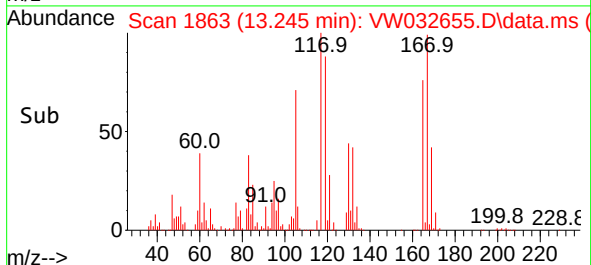
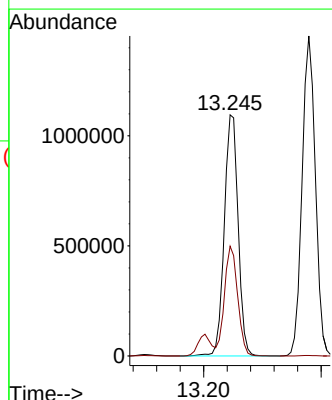
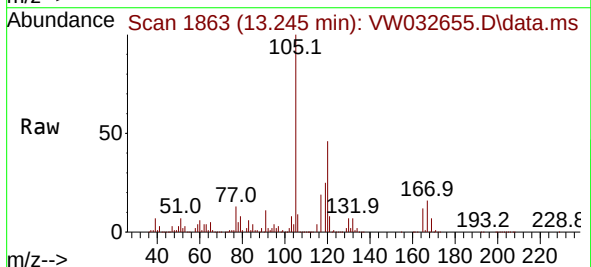
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

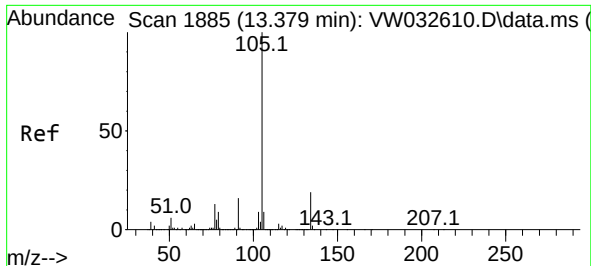
Tgt Ion:119 Resp: 1600427
Ion Ratio Lower Upper
119 100
91 67.9 34.3 102.8
134 23.6 12.6 37.8



#84
1,2,4-Trimethylbenzene
Concen: 97.951 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

Tgt Ion:105 Resp: 1790976
Ion Ratio Lower Upper
105 100
120 43.4 22.4 67.0

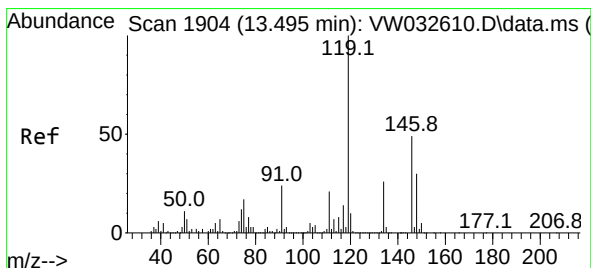
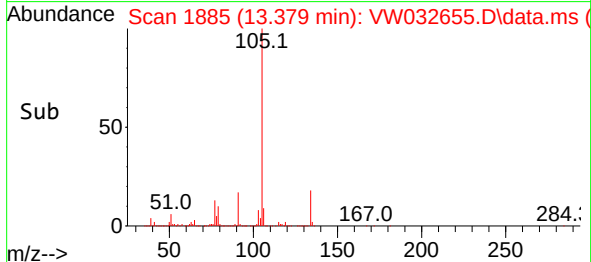
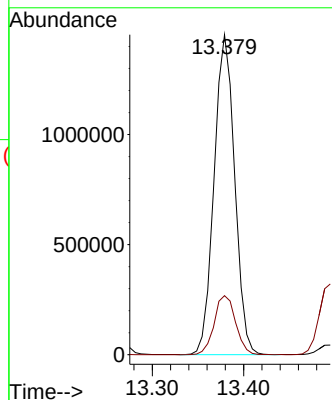
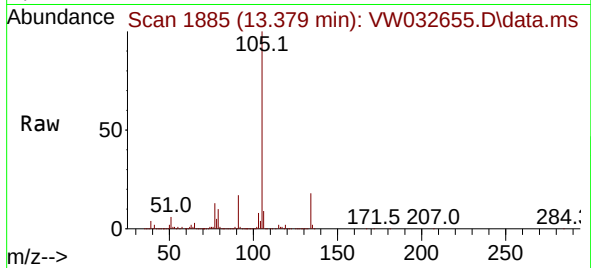




#85
 sec-Butylbenzene
 Concen: 96.457 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VW032655.D
 Acq: 16 Dec 2025 14:31

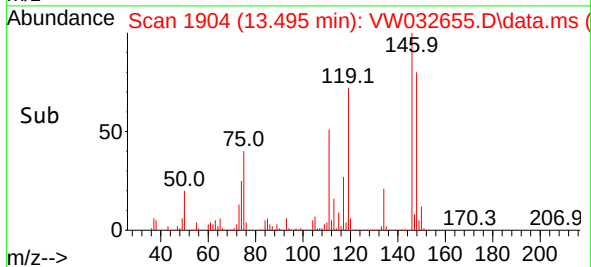
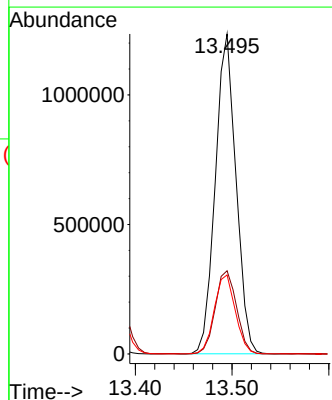
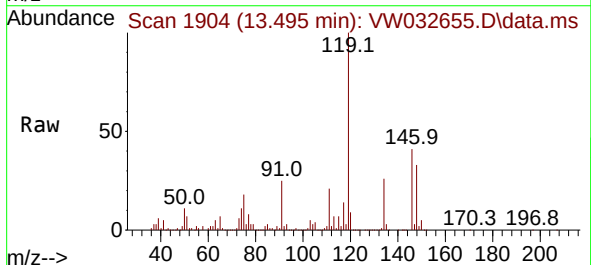
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

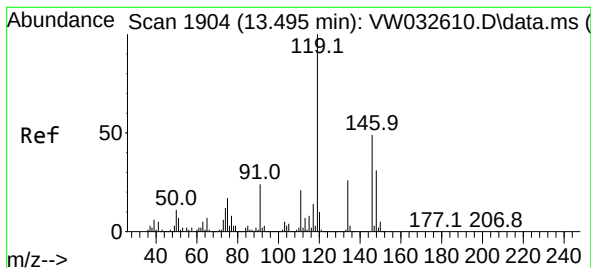
Tgt Ion:105 Resp: 2272922
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 95.005 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VW032655.D
 Acq: 16 Dec 2025 14:31

Tgt Ion:119 Resp: 1833167
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.0 39.0
 91 25.1 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 90.867 ug/l

RT: 13.489 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VW032655.D

Acq: 16 Dec 2025 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

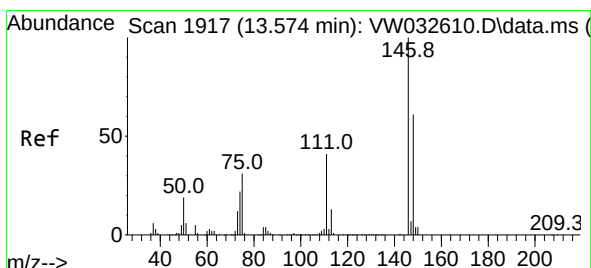
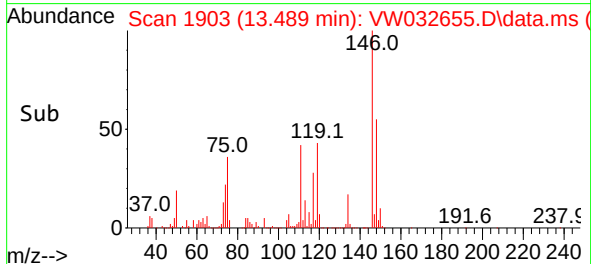
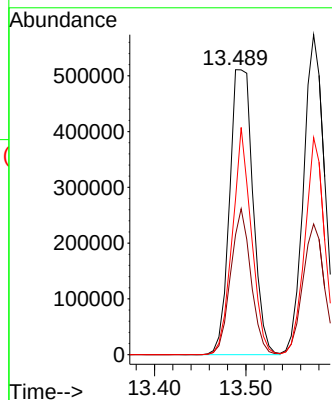
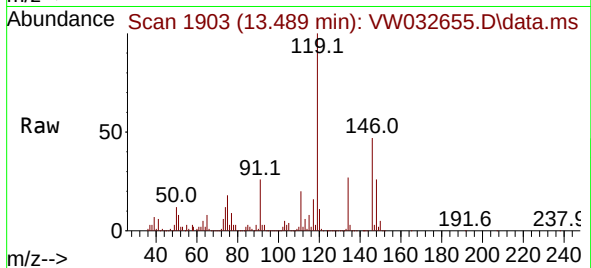
Tgt Ion:146 Resp: 909632

Ion Ratio Lower Upper

146 100

111 44.3 21.6 64.6

148 64.6 31.1 93.3



#88

1,4-Dichlorobenzene

Concen: 91.217 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032655.D

Acq: 16 Dec 2025 14:31

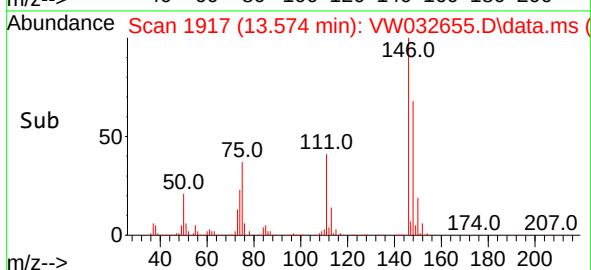
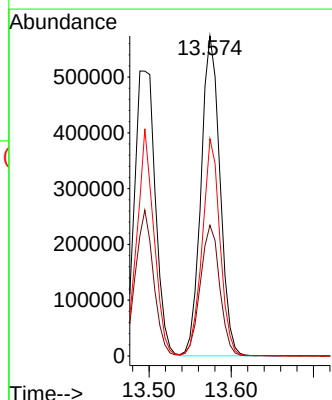
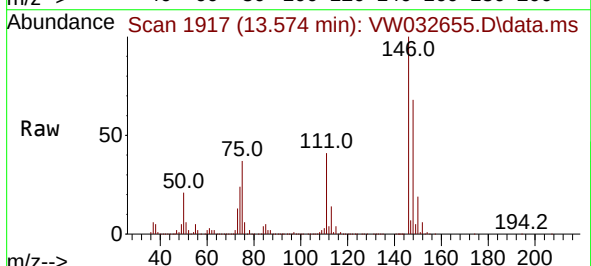
Tgt Ion:146 Resp: 917343

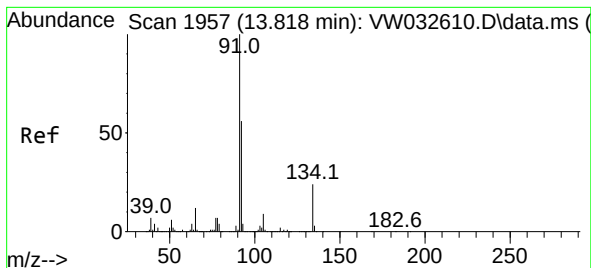
Ion Ratio Lower Upper

146 100

111 41.6 20.9 62.8

148 63.7 30.4 91.2





#89

n-Butylbenzene

Concen: 97.753 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW032655.D

Acq: 16 Dec 2025 14:31

Instrument :

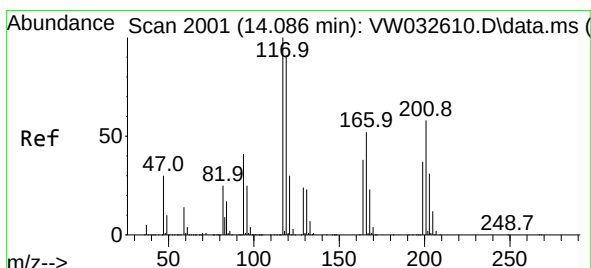
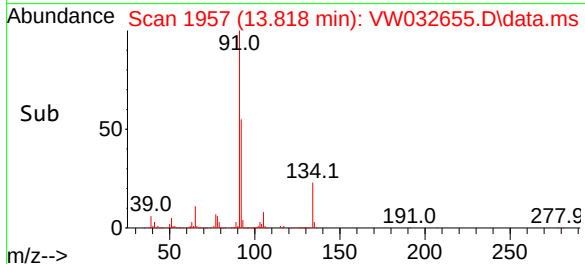
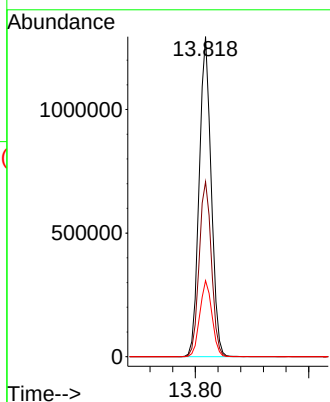
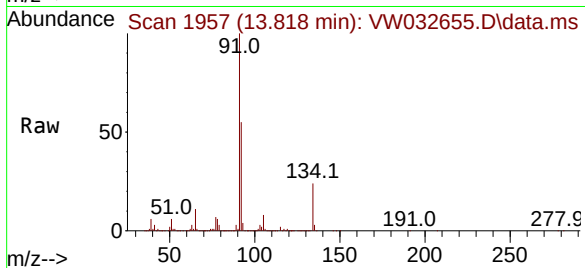
MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 1896823

Ion	Ratio	Lower	Upper
91	100		
92	56.0	27.4	82.0
134	24.2	11.8	35.4



#90

Hexachloroethane

Concen: 94.867 ug/l

RT: 14.092 min Scan# 2002

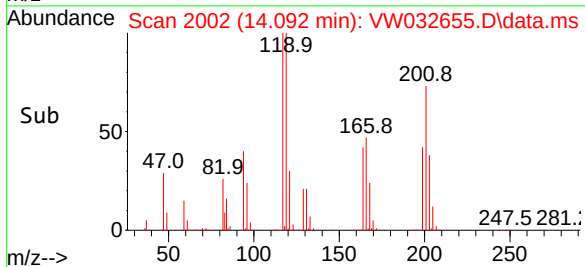
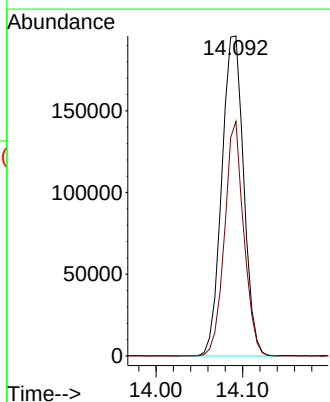
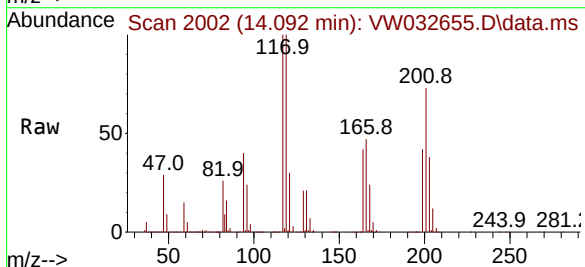
Delta R.T. 0.006 min

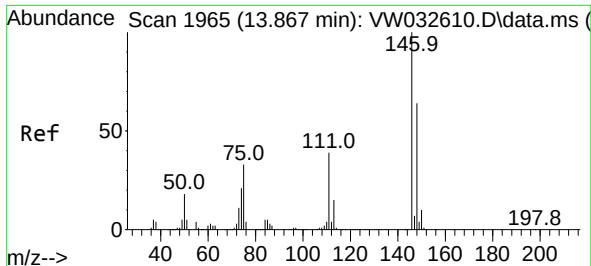
Lab File: VW032655.D

Acq: 16 Dec 2025 14:31

Tgt Ion: 117 Resp: 344035

Ion	Ratio	Lower	Upper
117	100		
201	64.3	30.4	91.2

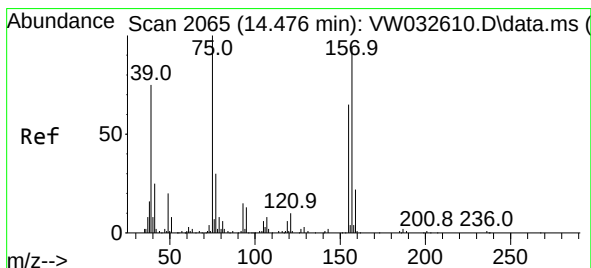
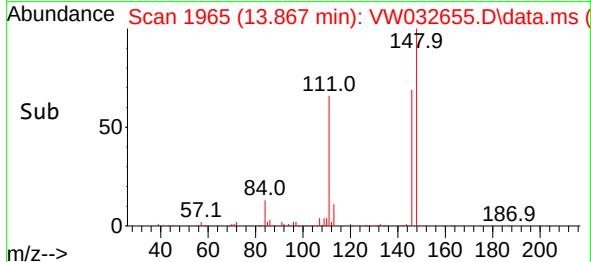
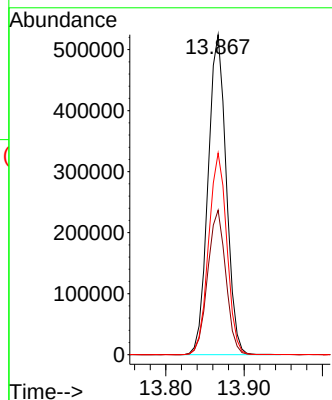
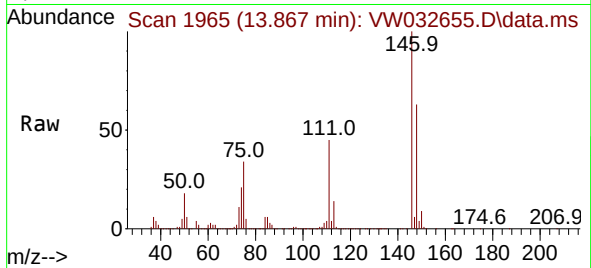




#91
 1,2-Dichlorobenzene
 Concen: 93.089 ug/l
 RT: 13.867 min Scan# 1965
 Delta R.T. -0.000 min
 Lab File: VW032655.D
 Acq: 16 Dec 2025 14:31

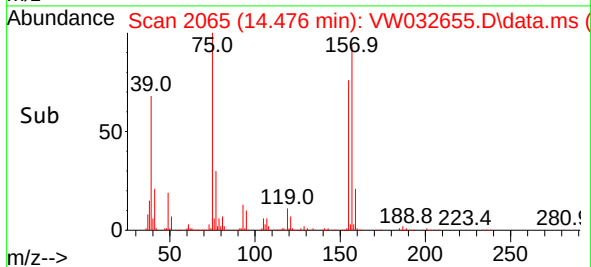
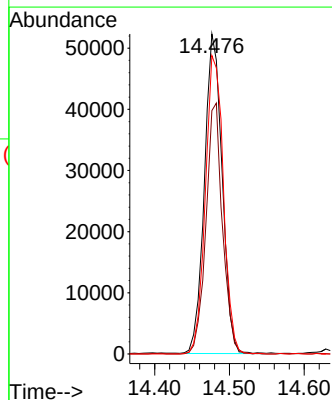
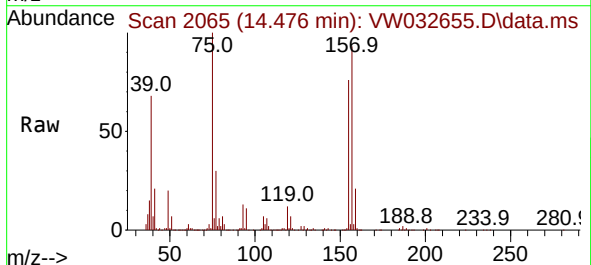
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

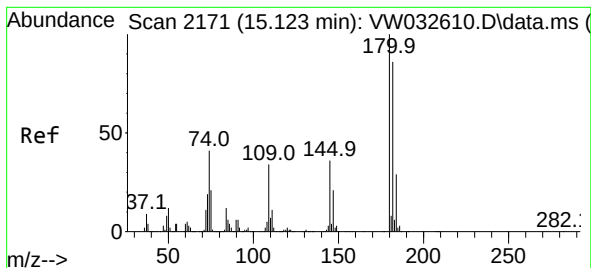
Tgt Ion:146 Resp: 843606
 Ion Ratio Lower Upper
 146 100
 111 45.2 21.5 64.5
 148 63.2 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 97.373 ug/l
 RT: 14.476 min Scan# 2065
 Delta R.T. -0.000 min
 Lab File: VW032655.D
 Acq: 16 Dec 2025 14:31

Tgt Ion: 75 Resp: 85966
 Ion Ratio Lower Upper
 75 100
 155 73.4 35.3 105.9
 157 94.8 44.8 134.4





#93

1,2,4-Trichlorobenzene

Concen: 93.874 ug/l

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW032655.D

Acq: 16 Dec 2025 14:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

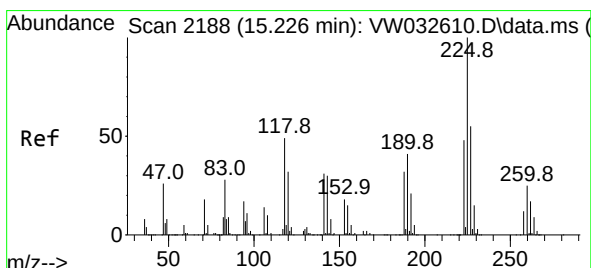
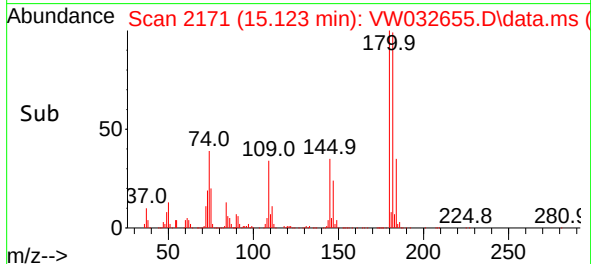
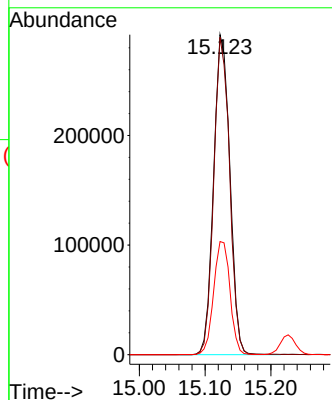
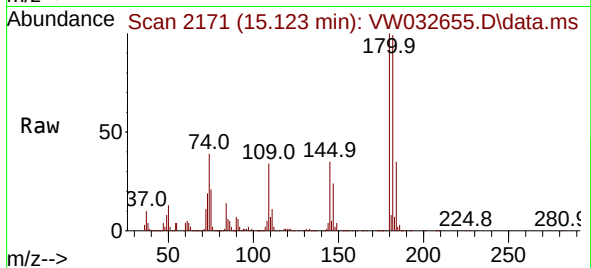
Tgt Ion:180 Resp: 503577

Ion Ratio Lower Upper

180 100

182 96.5 46.9 140.6

145 35.6 17.1 51.3



#94

Hexachlorobutadiene

Concen: 97.369 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VW032655.D

Acq: 16 Dec 2025 14:31

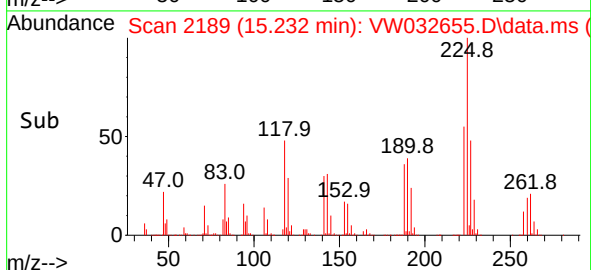
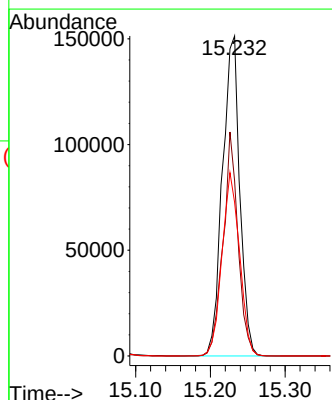
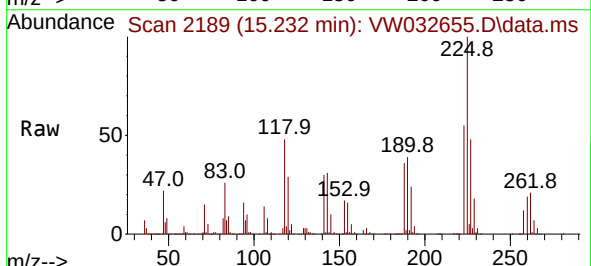
Tgt Ion:225 Resp: 244086

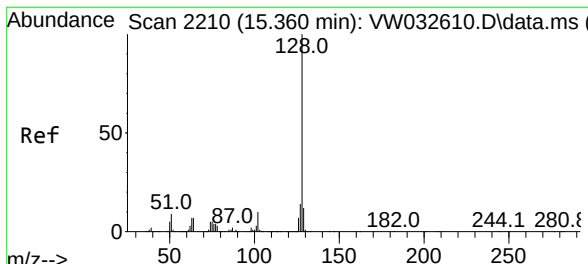
Ion Ratio Lower Upper

225 100

223 60.6 30.3 90.8

227 58.1 29.1 87.4



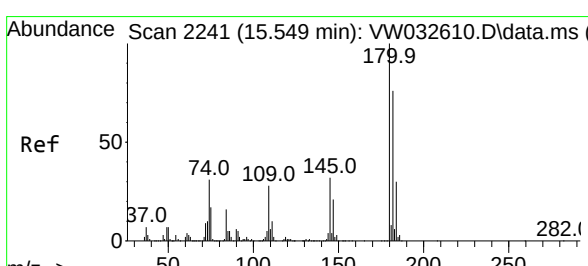
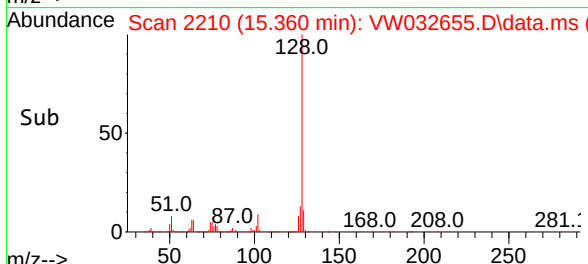
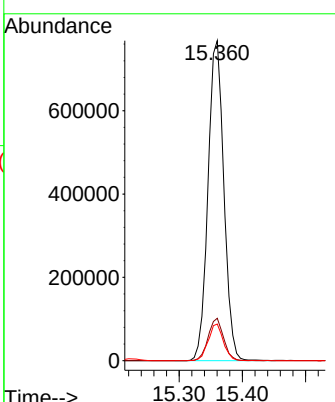
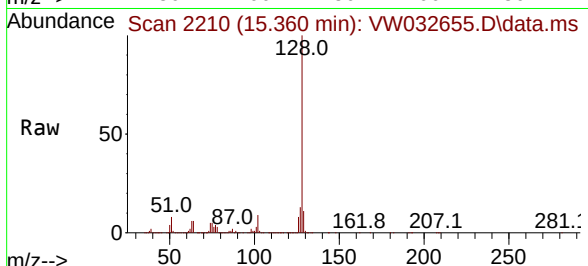


#95
Naphthalene
Concen: 106.112 ug/l
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 1338142

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	11.1	9.0	13.6



#96
1,2,3-Trichlorobenzene
Concen: 98.187 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW032655.D
Acq: 16 Dec 2025 14:31

Tgt Ion:180 Resp: 473210

Ion	Ratio	Lower	Upper
180	100		
182	100.5	45.9	137.6
145	37.0	17.0	51.0

