

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070125\
 Data File : VW031743.D
 Acq On : 01 Jul 2025 12:28
 Operator : SY/MD
 Sample : MDL1
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL1

Quant Time: Jul 02 03:46:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 02 03:45:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	208766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	394647	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	348704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	174412	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	162898	54.371	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 108.740%	
35) Dibromofluoromethane	7.898	113	128936	50.067	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 100.140%	
50) Toluene-d8	10.325	98	490636	51.196	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 102.400%	
62) 4-Bromofluorobenzene	12.617	95	183132	51.927	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 103.860%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.040	85	3777	2.657	ug/l	99
3) Chloromethane	2.253	50	5173	3.018	ug/l	94
4) Vinyl Chloride	2.399	62	5672	2.518	ug/l	97
5) Bromomethane	2.820	94	4964	2.821	ug/l	84
6) Chloroethane	2.966	64	3907	2.553	ug/l	97
7) Trichlorofluoromethane	3.308	101	4669	2.282	ug/l #	83
8) Diethyl Ether	3.710	74	6302	4.053	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.088	101	6250	2.752	ug/l	98
10) Methyl Iodide	4.307	142	9191	2.625	ug/l #	95
11) Tert butyl alcohol	5.222	59	2582	13.911	ug/l #	85
12) 1,1-Dichloroethene	4.082	96	7020	2.822	ug/l #	76
13) Acrolein	3.923	56	1847	5.536	ug/l #	72
14) Allyl chloride	4.698	41	10370	2.717	ug/l	93
15) Acrylonitrile	5.399	53	10114	13.228	ug/l	98
16) Acetone	4.149	43	12934	17.466	ug/l	92
17) Carbon Disulfide	4.417	76	15209	2.285	ug/l	99
18) Methyl Acetate	4.710	43	6280	2.967	ug/l	97
19) Methyl tert-butyl Ether	5.460	73	11187	2.650	ug/l #	89
20) Methylene Chloride	4.954	84	20602	6.058	ug/l	88
21) trans-1,2-Dichloroethene	5.454	96	6675	2.525	ug/l #	84
22) Diisopropyl ether	6.338	45	18537	2.490	ug/l	90
23) Vinyl Acetate	6.283	43	58382	11.483	ug/l	96
24) 1,1-Dichloroethane	6.234	63	12900	2.673	ug/l	98
25) 2-Butanone	7.197	43	12540	13.016	ug/l	93
26) 2,2-Dichloropropane	7.179	77	7512	2.668	ug/l	97
27) cis-1,2-Dichloroethene	7.185	96	7876	2.592	ug/l	95
28) Bromochloromethane	7.526	49	5551	2.607	ug/l	98
29) Tetrahydrofuran	7.551	42	8449	12.806	ug/l	95
30) Chloroform	7.691	83	13426	2.618	ug/l	97
31) Cyclohexane	7.959	56	15065	3.531	ug/l #	72
32) 1,1,1-Trichloroethane	7.886	97	10743	2.718	ug/l	92
36) 1,1-Dichloropropene	8.093	75	9225	2.476	ug/l	98
37) Ethyl Acetate	7.283	43	6283	2.673	ug/l #	93
38) Carbon Tetrachloride	8.075	117	9052	2.384	ug/l	86
39) Methylcyclohexane	9.337	83	10837	2.337	ug/l	91
40) Benzene	8.331	78	27199	2.467	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070125\
 Data File : VW031743.D
 Acq On : 01 Jul 2025 12:28
 Operator : SY/MD
 Sample : MDL1
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL1

Quant Time: Jul 02 03:46:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 02 03:45:35 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	3101	2.463	ug/l #	91
42) 1,2-Dichloroethane	8.404	62	10093	2.709	ug/l	98
43) Isopropyl Acetate	8.435	43	9786	2.415	ug/l	95
44) Trichloroethene	9.099	130	6329	2.300	ug/l	88
45) 1,2-Dichloropropane	9.374	63	6756	2.535	ug/l	97
46) Dibromomethane	9.465	93	4339	2.522	ug/l	95
47) Bromodichloromethane	9.648	83	10021	2.484	ug/l	94
48) Methyl methacrylate	9.447	41	5006	2.512	ug/l	90
49) 1,4-Dioxane	9.471	88	854	42.385	ug/l #	81
51) 4-Methyl-2-Pentanone	10.209	43	28270	12.135	ug/l	99
52) Toluene	10.386	92	16985	2.406	ug/l	99
53) t-1,3-Dichloropropene	10.605	75	8798	2.324	ug/l	90
54) cis-1,3-Dichloropropene	10.075	75	9741	2.270	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	5858	2.600	ug/l	98
56) Ethyl methacrylate	10.648	69	6778	2.217	ug/l	96
57) 1,3-Dichloropropane	10.934	76	9847	2.489	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	19049	11.315	ug/l	96
59) 2-Hexanone	10.971	43	19063	12.075	ug/l	95
60) Dibromochloromethane	11.129	129	6658	2.471	ug/l	92
61) 1,2-Dibromoethane	11.239	107	5560	2.465	ug/l	97
64) Tetrachloroethene	10.861	164	5294	2.321	ug/l #	73
65) Chlorobenzene	11.654	112	19134	2.487	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.733	131	5845	2.384	ug/l	93
67) Ethyl Benzene	11.727	91	32067	2.404	ug/l	89
68) m/p-Xylenes	11.837	106	23338	4.551	ug/l	100
69) o-Xylene	12.160	106	10770	2.268	ug/l	100
70) Styrene	12.178	104	18218	2.219	ug/l	98
71) Bromoform	12.349	173	3221	2.202	ug/l #	92
73) Isopropylbenzene	12.458	105	27863	2.100	ug/l	99
74) N-amyl acetate	12.269	43	8007	2.239	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.714	83	7170	2.434	ug/l	94
76) 1,2,3-Trichloropropane	12.757	75	9693	4.301	ug/l	35
77) Bromobenzene	12.739	156	6973	2.357	ug/l	93
78) n-propylbenzene	12.800	91	34899	2.197	ug/l	99
79) 2-Chlorotoluene	12.885	91	21327	2.229	ug/l	99
80) 1,3,5-Trimethylbenzene	12.940	105	24390	2.221	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.617	75	93875	97.010	ug/l #	8
82) 4-Chlorotoluene	12.983	91	22904	2.280	ug/l	99
83) tert-Butylbenzene	13.202	119	20086	2.135	ug/l	99
84) 1,2,4-Trimethylbenzene	13.245	105	23361	2.100	ug/l	99
85) sec-Butylbenzene	13.379	105	29484	2.088	ug/l	99
86) p-Isopropyltoluene	13.489	119	24439	2.100	ug/l	96
87) 1,3-Dichlorobenzene	13.495	146	13951	2.351	ug/l	99
88) 1,4-Dichlorobenzene	13.495	146	13951	2.297	ug/l	96
89) n-Butylbenzene	13.818	91	24510	2.168	ug/l	97
90) Hexachloroethane	14.086	117	4470	2.129	ug/l	99
91) 1,2-Dichlorobenzene	13.867	146	13252	2.443	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.476	75	1421	2.471	ug/l	92
93) 1,2,4-Trichlorobenzene	15.123	180	8218	2.457	ug/l	94
94) Hexachlorobutadiene	15.226	225	3740	2.316	ug/l	91
95) Naphthalene	15.360	128	17570	2.143	ug/l	100
96) 1,2,3-Trichlorobenzene	15.549	180	6629	2.157	ug/l	94

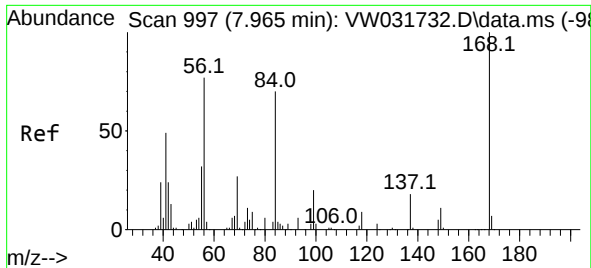
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070125\
Data File : VW031743.D
Acq On : 01 Jul 2025 12:28
Operator : SY/MD
Sample : MDL1
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
MDL1

Quant Time: Jul 02 03:46:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 02 03:45:35 2025
Response via : Initial Calibration

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

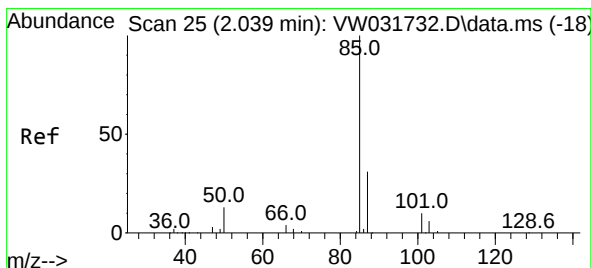
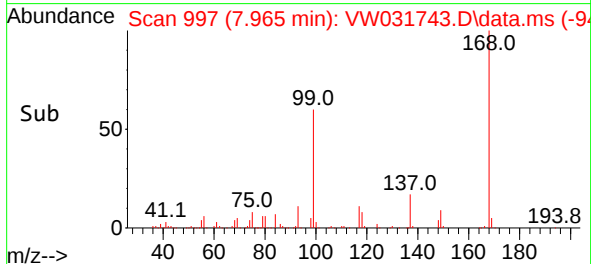
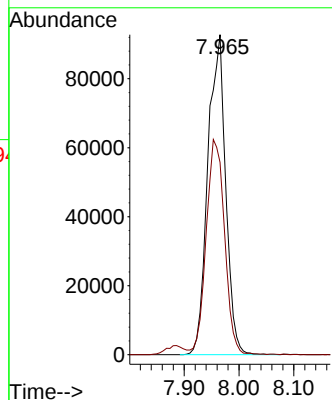
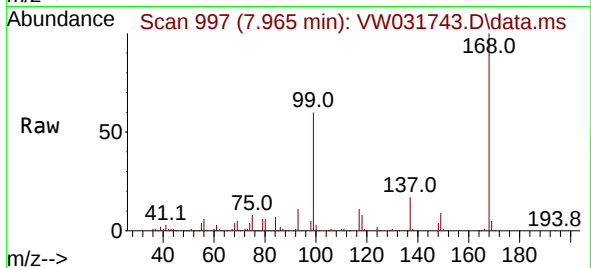
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

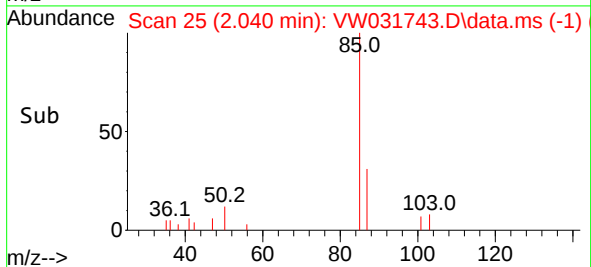
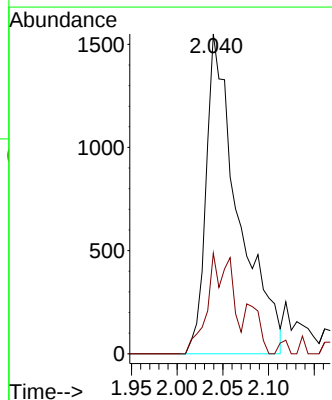
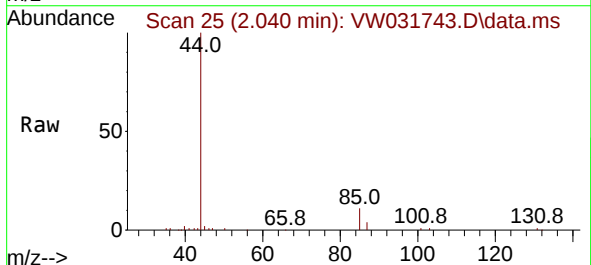
Instrument :
MSVOA_W
ClientSampleId :
MDL1

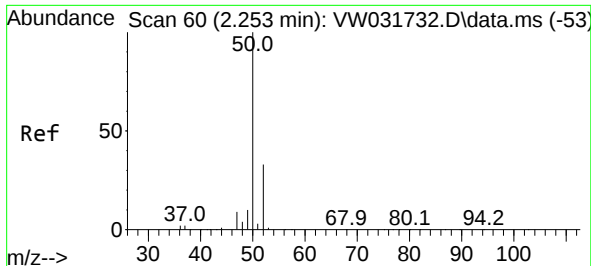
Tgt Ion:168 Resp: 208766
Ion Ratio Lower Upper
168 100
99 60.0 49.4 74.2



#2
Dichlorodifluoromethane
Concen: 2.657 ug/l
RT: 2.040 min Scan# 25
Delta R.T. 0.000 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

Tgt Ion: 85 Resp: 3777
Ion Ratio Lower Upper
85 100
87 31.5 15.4 46.2

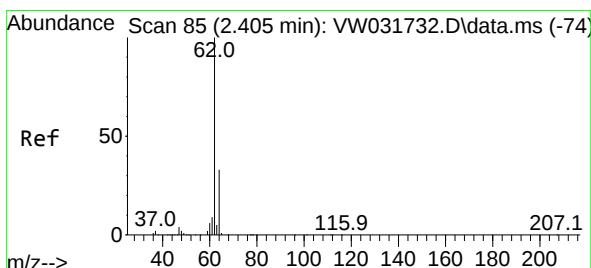
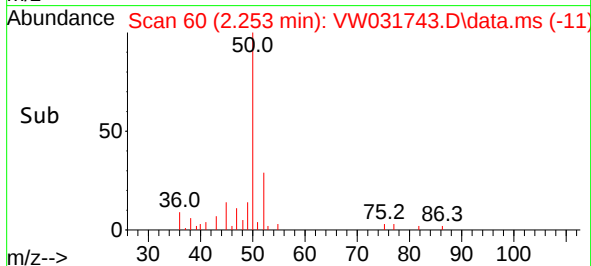
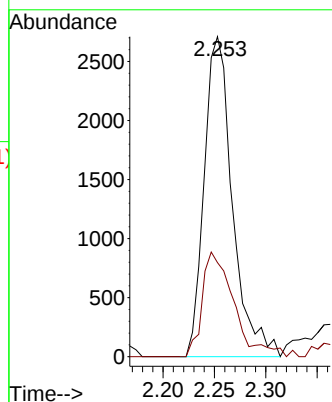
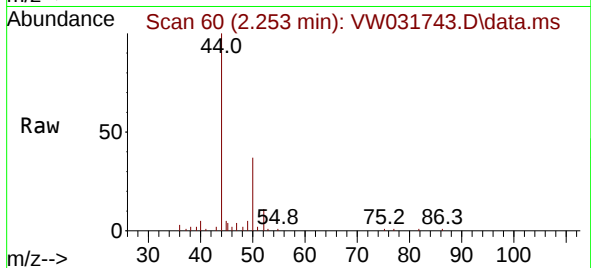




#3
Chloromethane
Concen: 3.018 ug/l
RT: 2.253 min Scan# 60
Delta R.T. 0.000 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

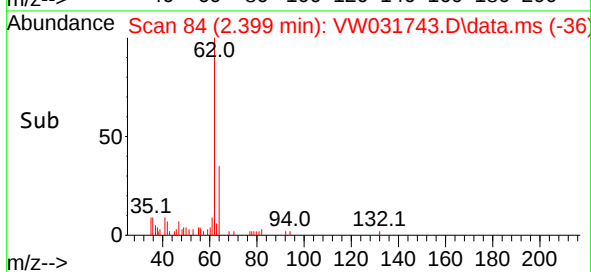
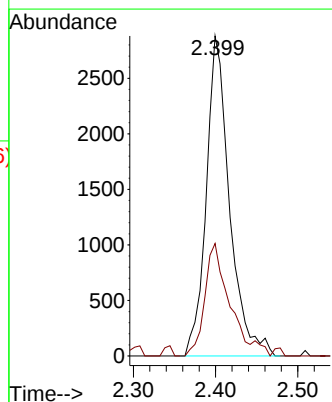
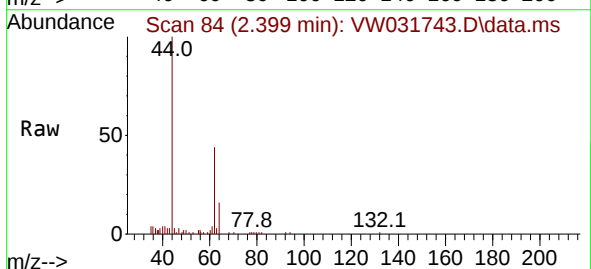
Instrument :
MSVOA_W
ClientSampleId :
MDL1

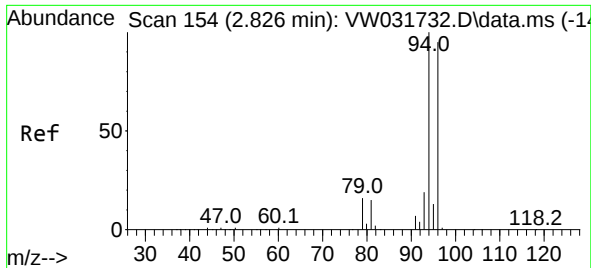
Tgt Ion: 50 Resp: 5173
Ion Ratio Lower Upper
50 100
52 29.4 26.2 39.2



#4
Vinyl Chloride
Concen: 2.518 ug/l
RT: 2.399 min Scan# 84
Delta R.T. -0.006 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

Tgt Ion: 62 Resp: 5672
Ion Ratio Lower Upper
62 100
64 35.2 26.8 40.2

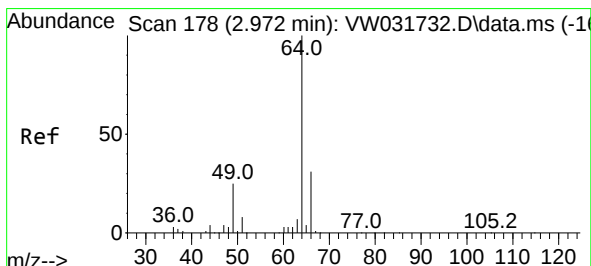
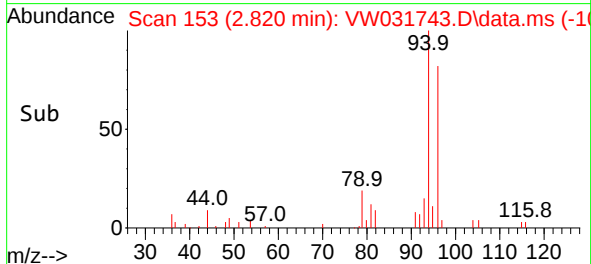
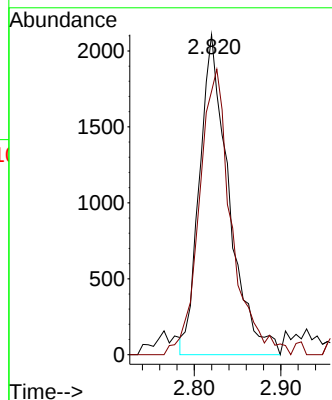
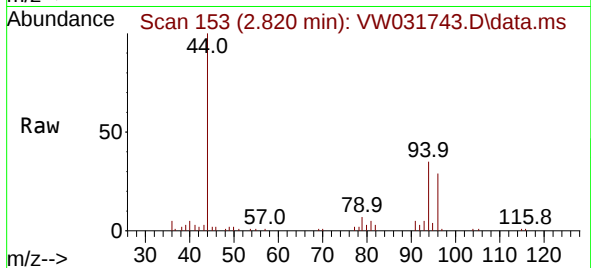




#5
Bromomethane
Concen: 2.821 ug/l
RT: 2.820 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

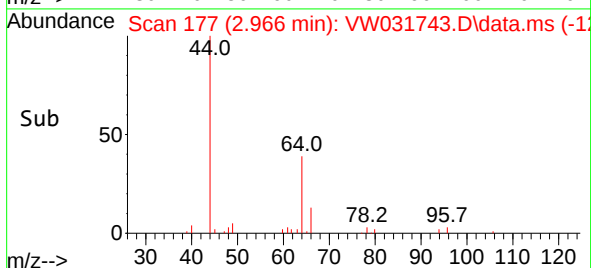
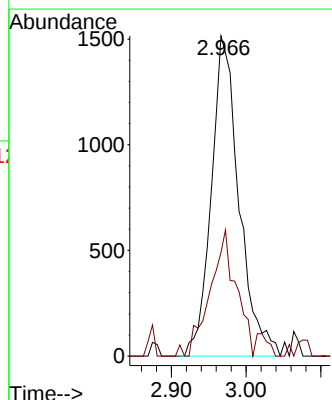
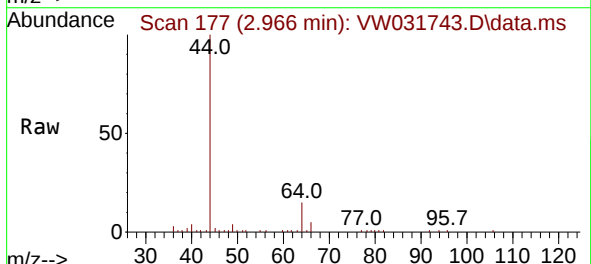
Instrument :
MSVOA_W
ClientSampleId :
MDL1

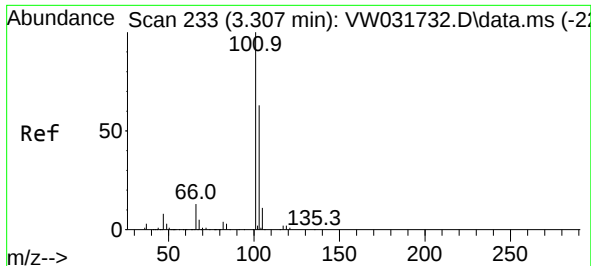
Tgt Ion: 94 Resp: 4964
Ion Ratio Lower Upper
94 100
96 78.9 75.6 113.4



#6
Chloroethane
Concen: 2.553 ug/l
RT: 2.966 min Scan# 177
Delta R.T. -0.006 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

Tgt Ion: 64 Resp: 3907
Ion Ratio Lower Upper
64 100
66 32.3 24.5 36.7

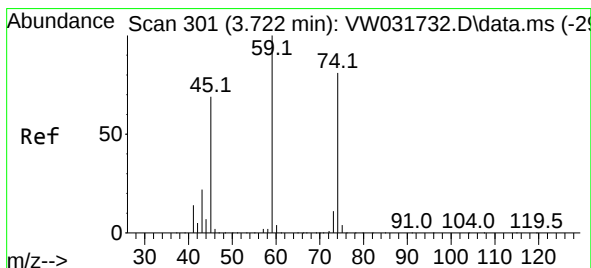
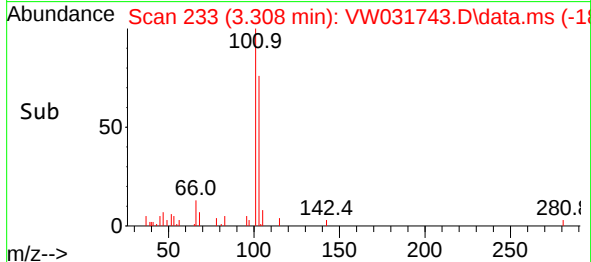
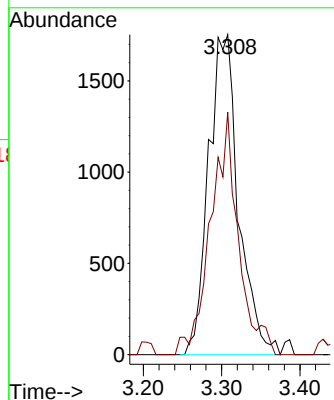
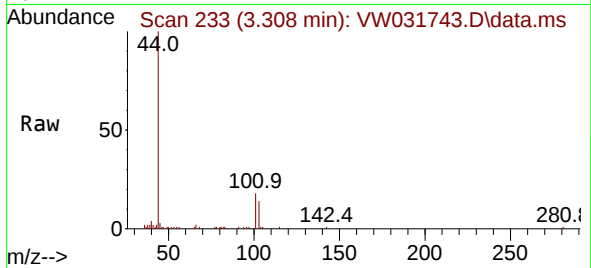




#7
 Trichlorofluoromethane
 Concen: 2.282 ug/l
 RT: 3.308 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW031743.D
 Acq: 01 Jul 2025 12:28

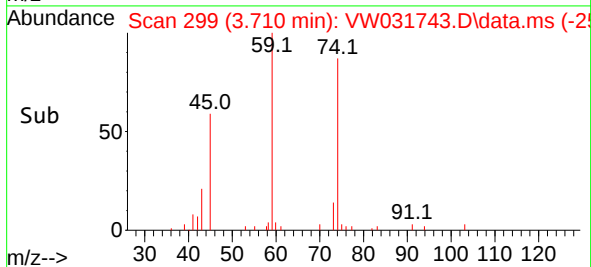
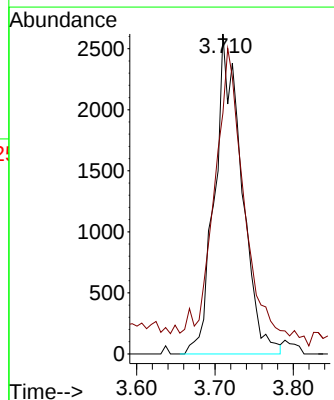
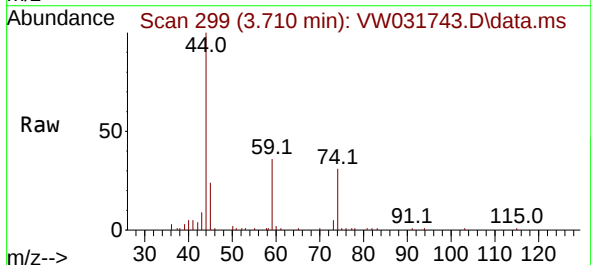
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL1

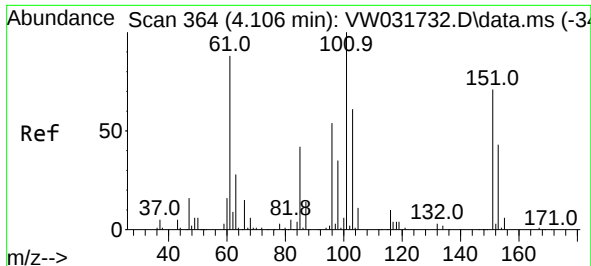
Tgt Ion:101 Resp: 4669
 Ion Ratio Lower Upper
 101 100
 103 75.8 50.2 75.4#



#8
 Diethyl Ether
 Concen: 4.053 ug/l
 RT: 3.710 min Scan# 299
 Delta R.T. -0.012 min
 Lab File: VW031743.D
 Acq: 01 Jul 2025 12:28

Tgt Ion: 74 Resp: 6302
 Ion Ratio Lower Upper
 74 100
 45 106.4 43.9 131.7

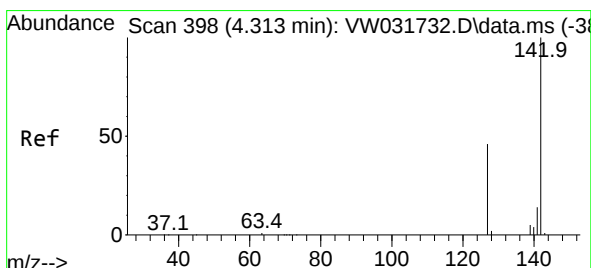
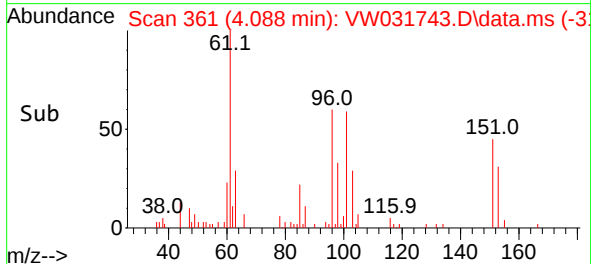
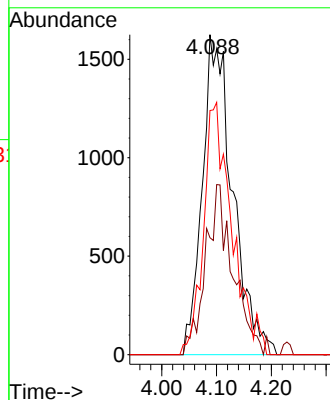
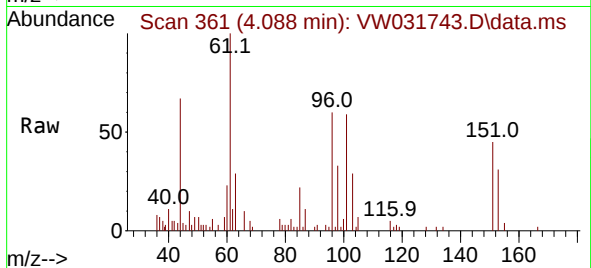




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.752 ug/l
RT: 4.088 min Scan# 301
Delta R.T. -0.018 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

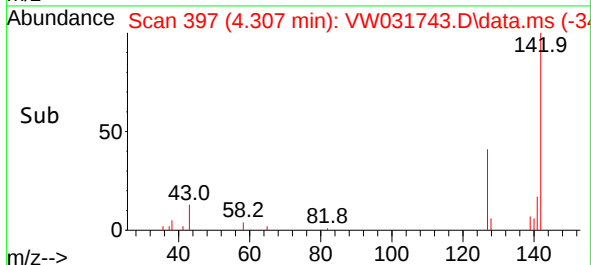
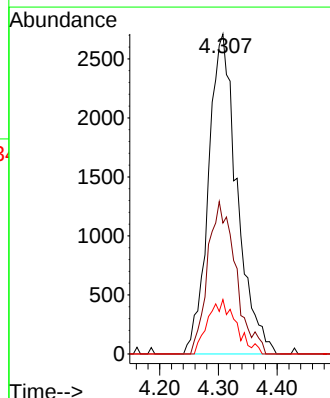
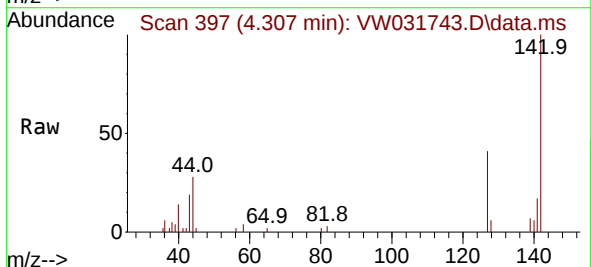
Instrument :
MSVOA_W
ClientSampleId :
MDL1

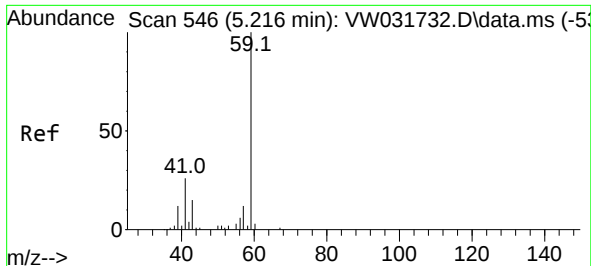
Tgt Ion:101 Resp: 6250
Ion Ratio Lower Upper
101 100
85 47.8 35.6 53.4
151 71.2 56.8 85.2



#10
Methyl Iodide
Concen: 2.625 ug/l
RT: 4.307 min Scan# 397
Delta R.T. -0.006 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

Tgt Ion:142 Resp: 9191
Ion Ratio Lower Upper
142 100
127 46.6 37.9 56.9
141 7.6 11.7 17.5#

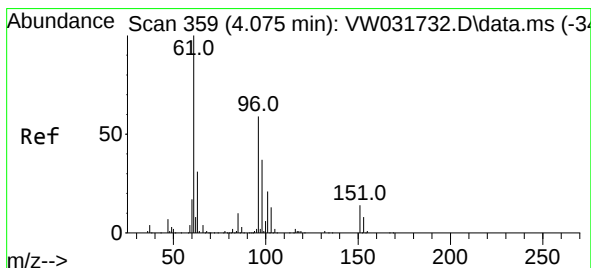
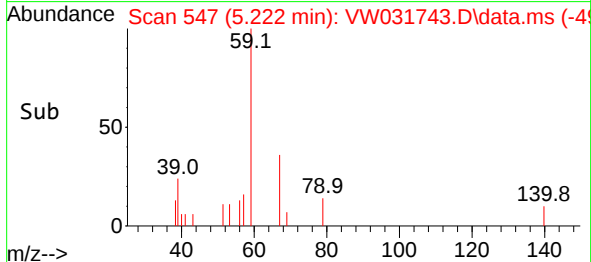
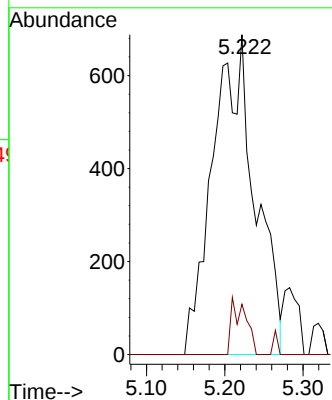
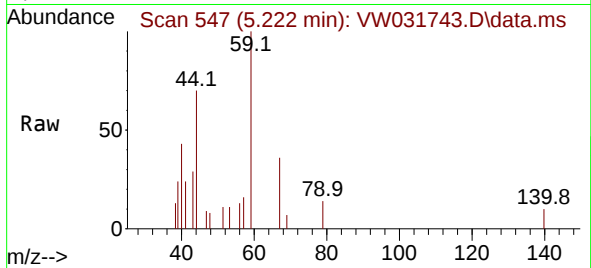




#11
Tert butyl alcohol
Concen: 13.911 ug/l
RT: 5.222 min Scan# 546
Delta R.T. 0.006 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

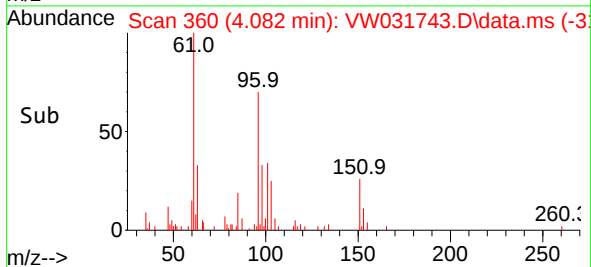
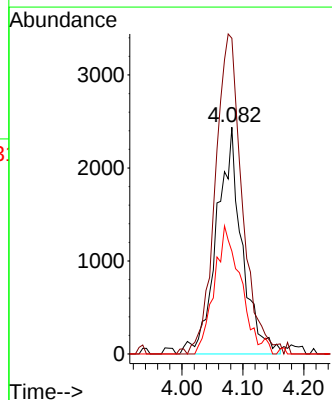
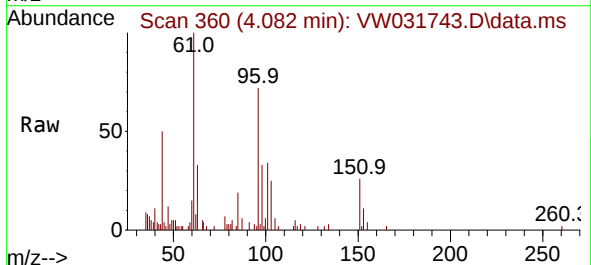
Instrument :
MSVOA_W
ClientSampleId :
MDL1

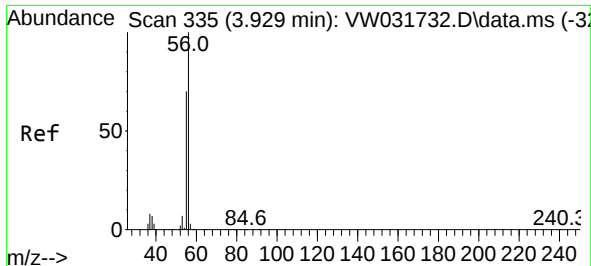
Tgt Ion: 59 Resp: 2582
Ion Ratio Lower Upper
59 100
57 6.0 9.5 14.3#



#12
1,1-Dichloroethene
Concen: 2.822 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

Tgt Ion: 96 Resp: 7020
Ion Ratio Lower Upper
96 100
61 137.1 135.8 203.8
98 45.3 50.4 75.6#

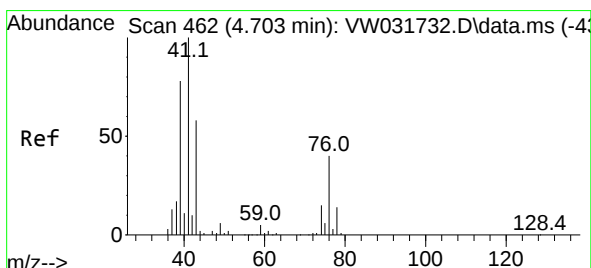
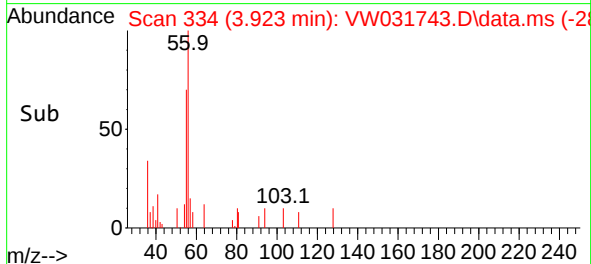
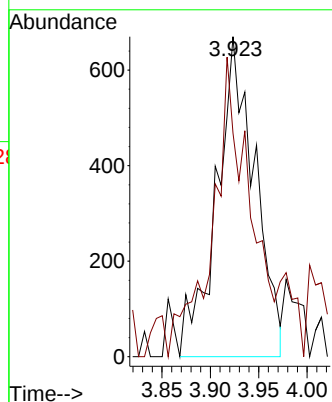
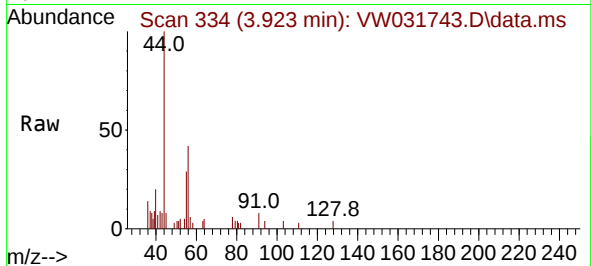




#13
Acrolein
Concen: 5.536 ug/l
RT: 3.923 min Scan# 313
Delta R.T. -0.006 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

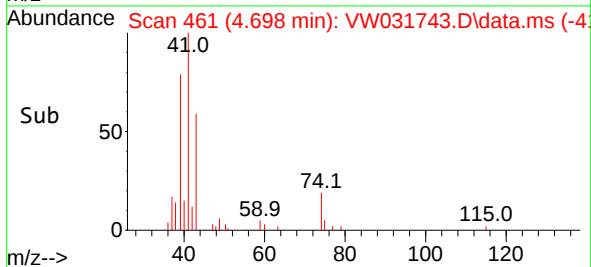
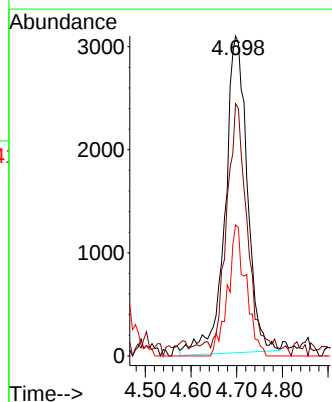
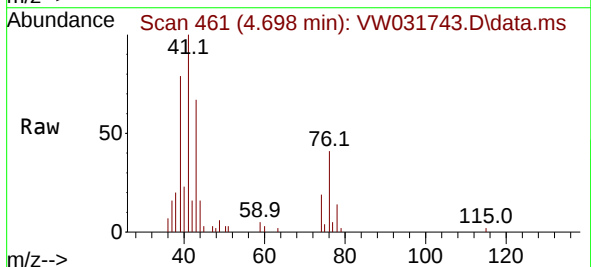
Instrument :
MSVOA_W
ClientSampleId :
MDL1

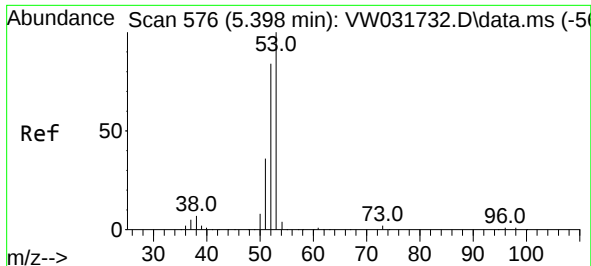
Tgt Ion: 56 Resp: 1847
Ion Ratio Lower Upper
56 100
55 89.8 54.0 81.0#



#14
Allyl chloride
Concen: 2.717 ug/l
RT: 4.698 min Scan# 461
Delta R.T. -0.006 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

Tgt Ion: 41 Resp: 10370
Ion Ratio Lower Upper
41 100
39 70.1 60.7 91.1
76 34.1 30.3 45.5

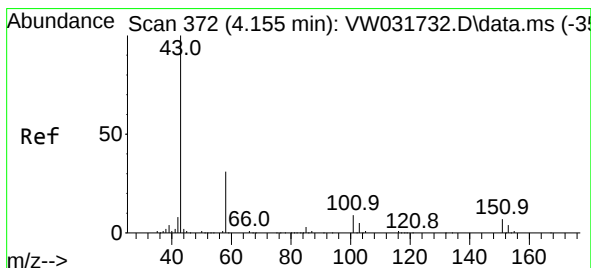
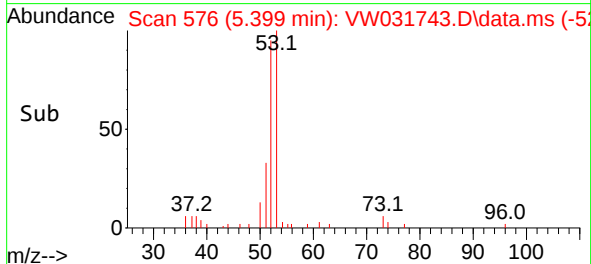
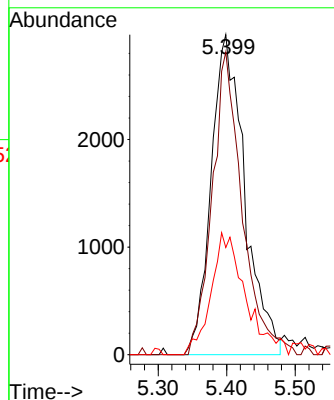
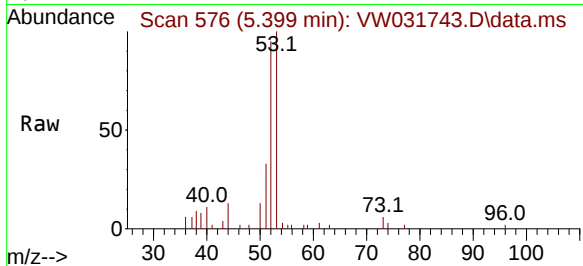




#15
Acrylonitrile
Concen: 13.228 ug/l
RT: 5.399 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

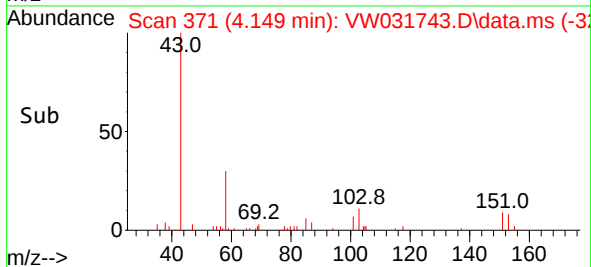
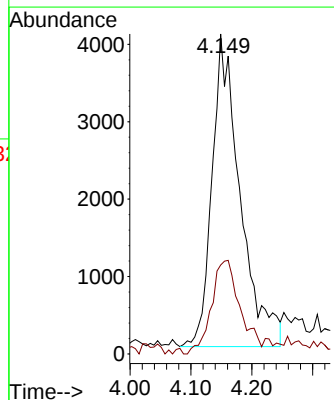
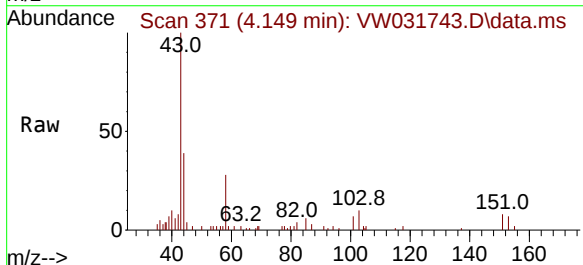
Instrument :
MSVOA_W
ClientSampleId :
MDL1

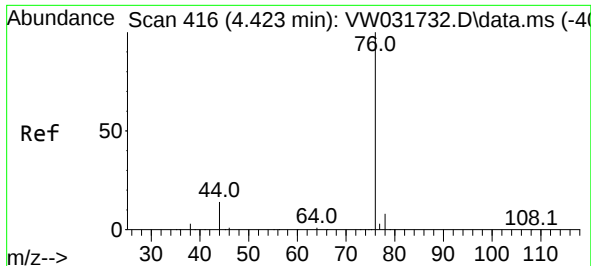
Tgt Ion: 53 Resp: 10114
Ion Ratio Lower Upper
53 100
52 84.8 66.4 99.6
51 39.0 29.9 44.9



#16
Acetone
Concen: 17.466 ug/l
RT: 4.149 min Scan# 371
Delta R.T. -0.006 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

Tgt Ion: 43 Resp: 12934
Ion Ratio Lower Upper
43 100
58 26.7 24.8 37.2

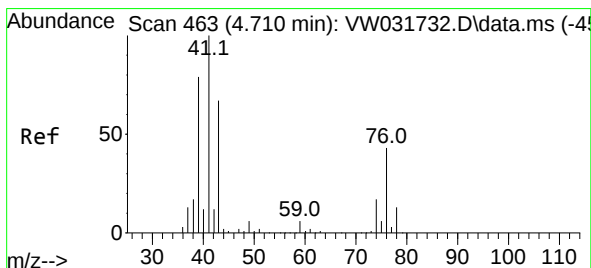
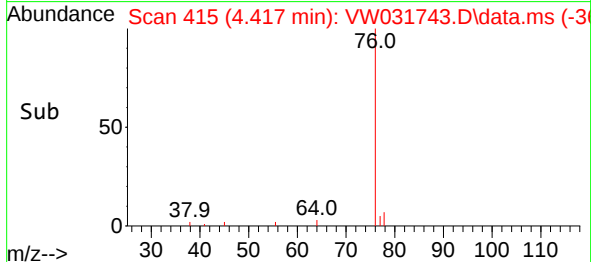
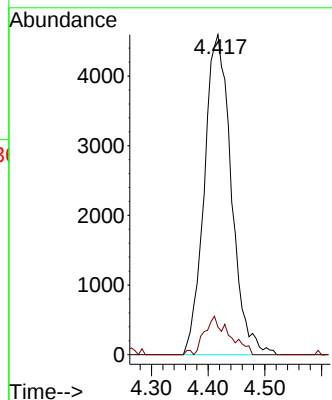
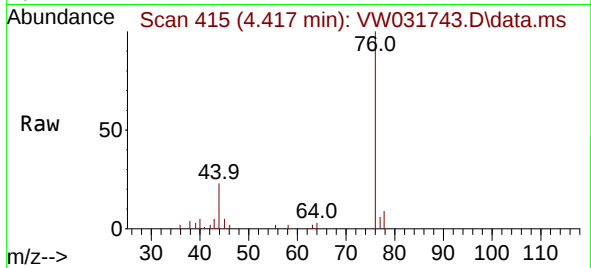




#17
Carbon Disulfide
Concen: 2.285 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

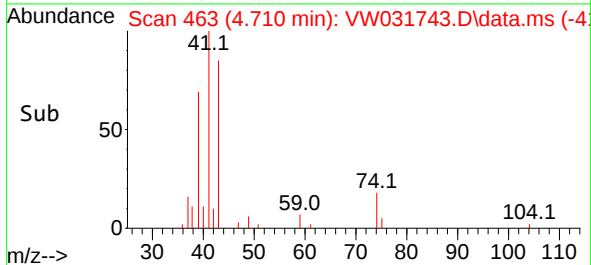
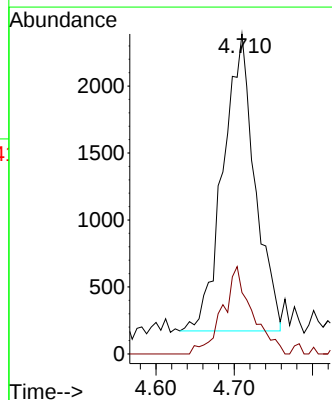
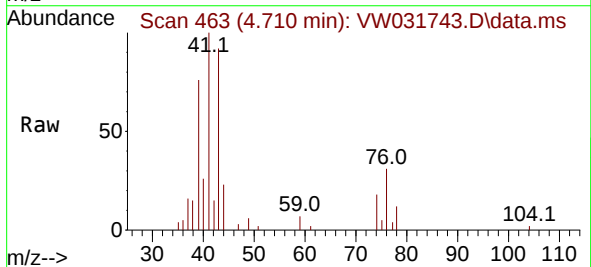
Instrument :
MSVOA_W
ClientSampleId :
MDL1

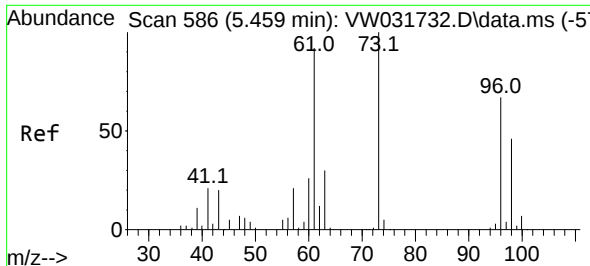
Tgt Ion: 76 Resp: 15209
Ion Ratio Lower Upper
76 100
78 8.6 6.6 10.0



#18
Methyl Acetate
Concen: 2.967 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

Tgt Ion: 43 Resp: 6280
Ion Ratio Lower Upper
43 100
74 27.1 20.6 30.8

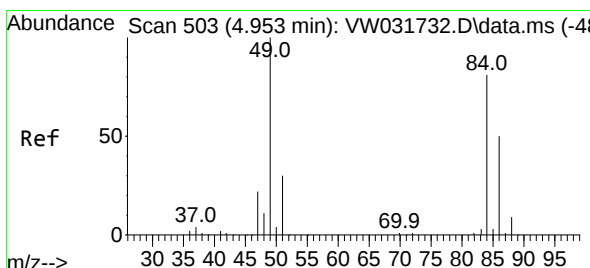
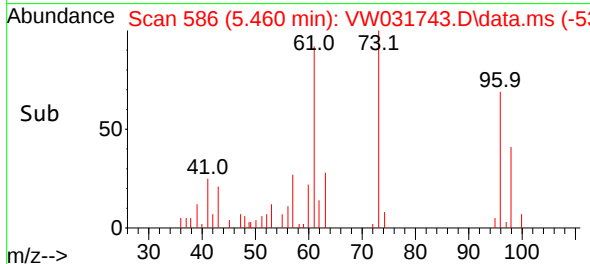
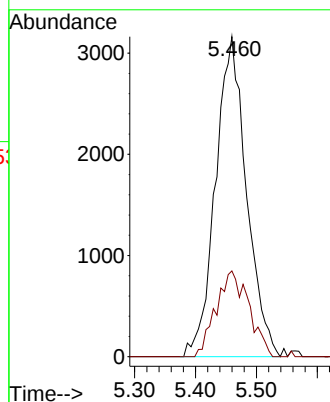
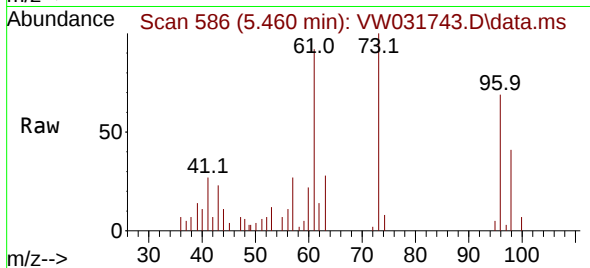




#19
Methyl tert-butyl Ether
Concen: 2.650 ug/l
RT: 5.460 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

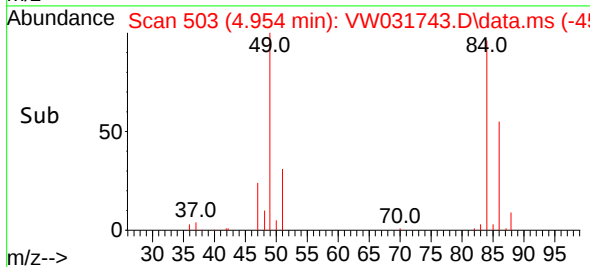
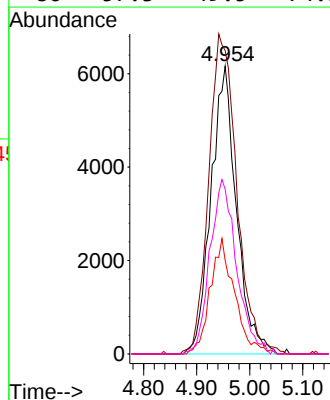
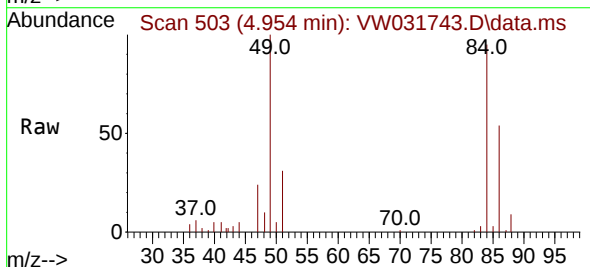
Instrument :
MSVOA_W
ClientSampleId :
MDL1

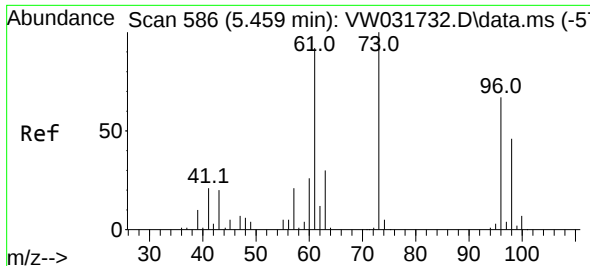
Tgt Ion: 73 Resp: 11187
Ion Ratio Lower Upper
73 100
57 26.8 17.2 25.8#



#20
Methylene Chloride
Concen: 6.058 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.001 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

Tgt Ion: 84 Resp: 20602
Ion Ratio Lower Upper
84 100
49 105.4 98.2 147.4
51 32.5 29.8 44.8
86 57.3 49.5 74.3

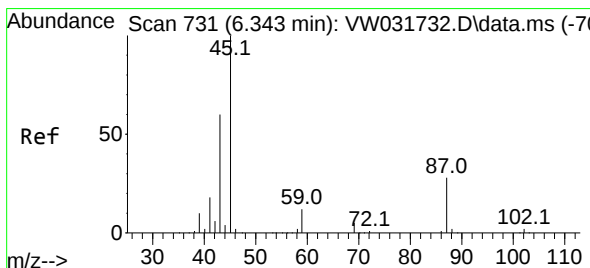
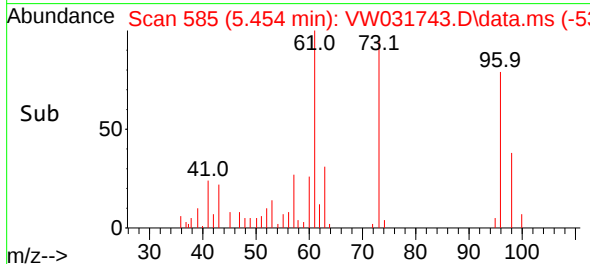
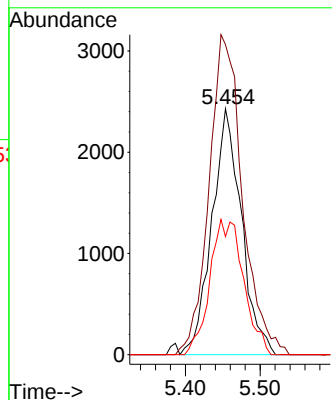
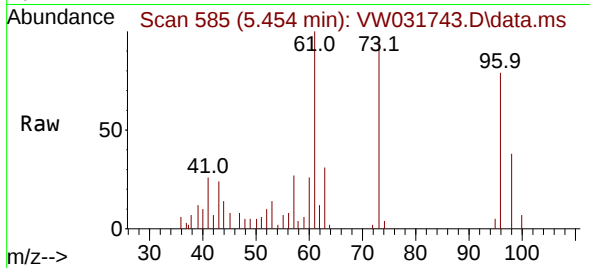




#21
trans-1,2-Dichloroethene
Concen: 2.525 ug/l
RT: 5.454 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

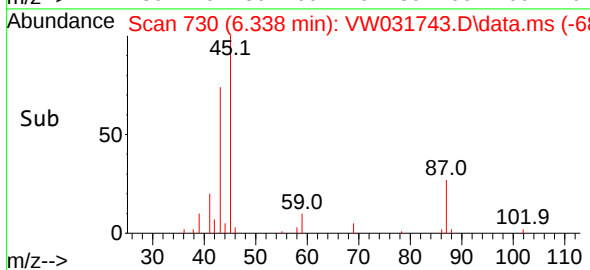
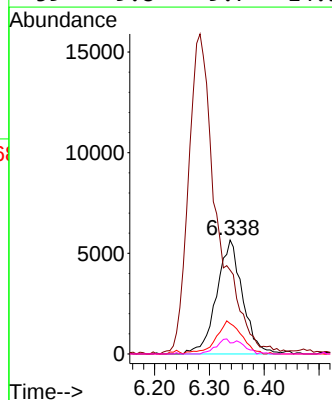
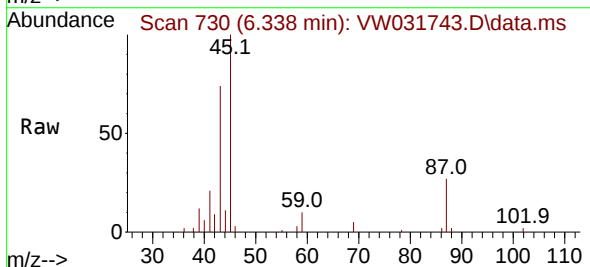
Instrument :
MSVOA_W
ClientSampleId :
MDL1

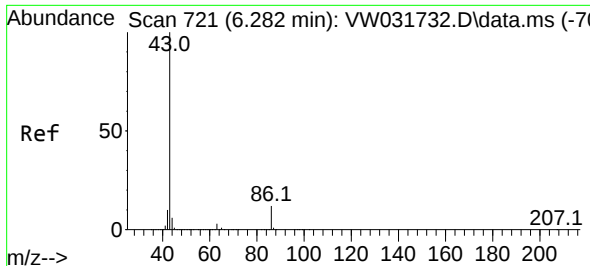
Tgt Ion: 96 Resp: 6675
Ion Ratio Lower Upper
96 100
61 123.5 109.8 164.6
98 48.0 54.9 82.3#



#22
Diisopropyl ether
Concen: 2.490 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

Tgt Ion: 45 Resp: 18537
Ion Ratio Lower Upper
45 100
43 71.1 48.3 72.5
87 26.7 22.6 34.0
59 9.8 9.7 14.5

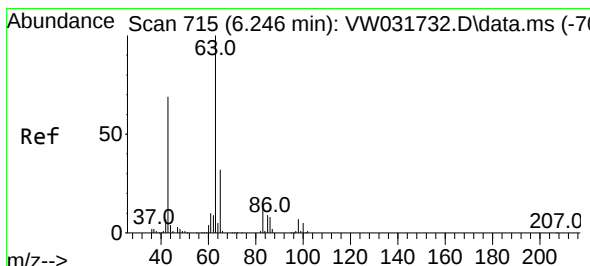
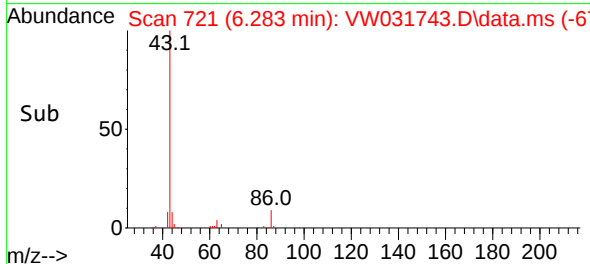
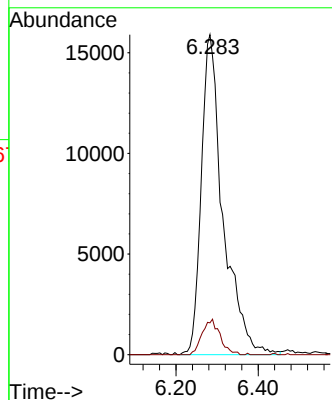
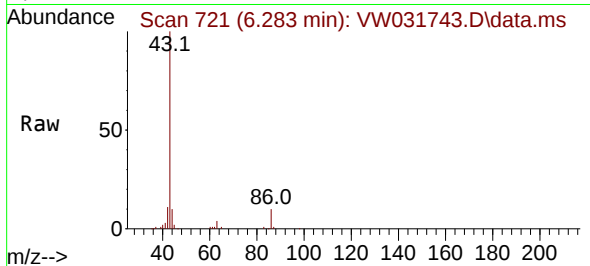




#23
 Vinyl Acetate
 Concen: 11.483 ug/l
 RT: 6.283 min Scan# 713
 Delta R.T. 0.000 min
 Lab File: VW031743.D
 Acq: 01 Jul 2025 12:28

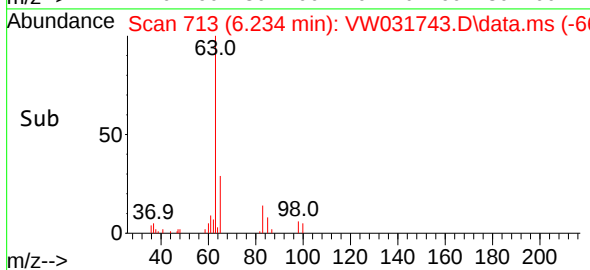
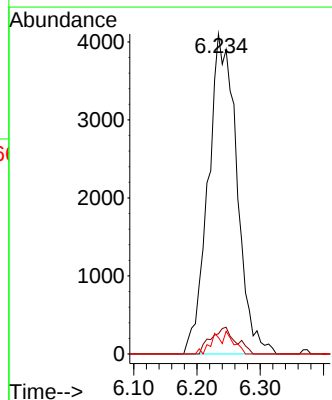
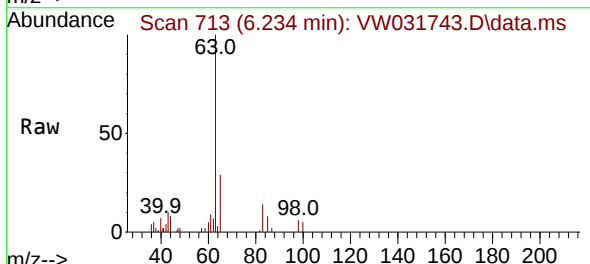
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL1

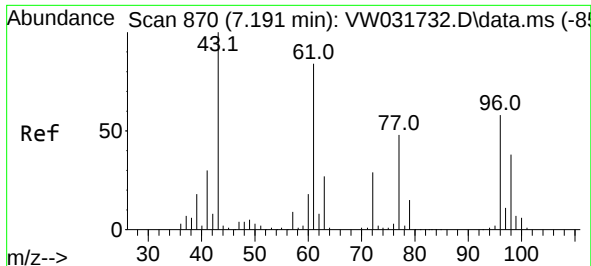
Tgt Ion: 43 Resp: 58382
 Ion Ratio Lower Upper
 43 100
 86 10.0 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 2.673 ug/l
 RT: 6.234 min Scan# 713
 Delta R.T. -0.012 min
 Lab File: VW031743.D
 Acq: 01 Jul 2025 12:28

Tgt Ion: 63 Resp: 12900
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.5 10.6
 100 5.1 2.5 7.5

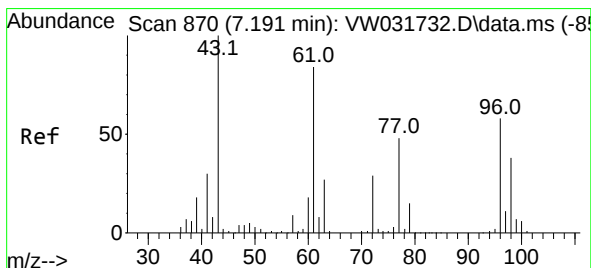
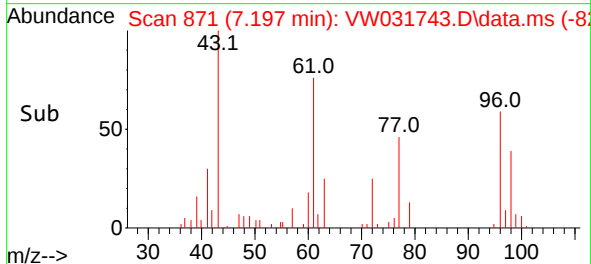
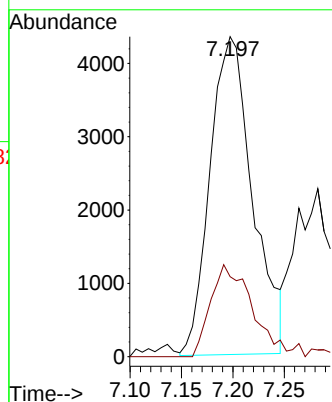
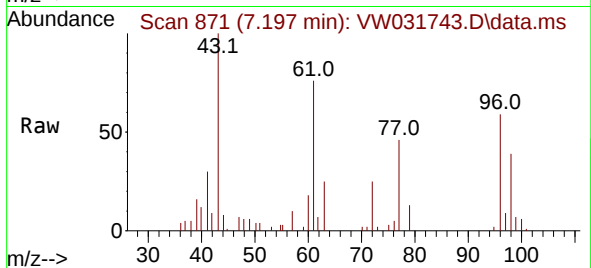




#25
2-Butanone
Concen: 13.016 ug/l
RT: 7.197 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

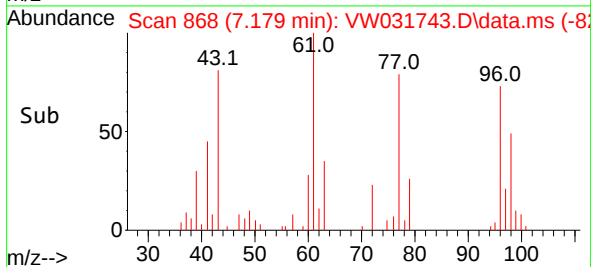
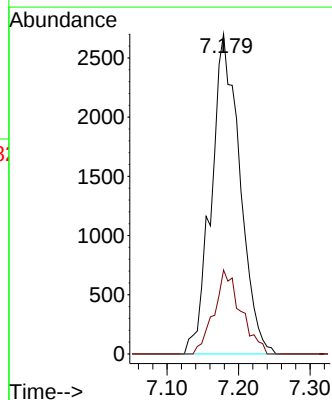
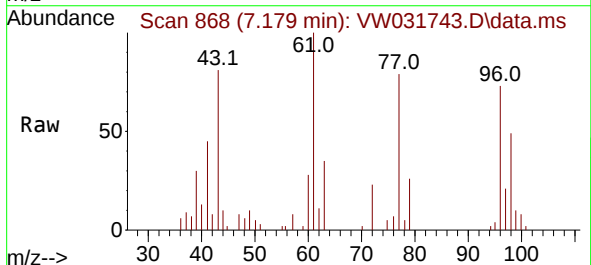
Instrument :
MSVOA_W
ClientSampleId :
MDL1

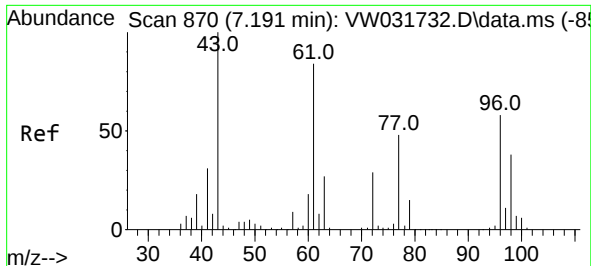
Tgt Ion: 43 Resp: 12540
Ion Ratio Lower Upper
43 100
72 25.3 23.0 34.6



#26
2,2-Dichloropropane
Concen: 2.668 ug/l
RT: 7.179 min Scan# 868
Delta R.T. -0.012 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

Tgt Ion: 77 Resp: 7512
Ion Ratio Lower Upper
77 100
97 24.6 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 2.592 ug/l

RT: 7.185 min Scan# 869

Delta R.T. -0.006 min

Lab File: VW031743.D

Acq: 01 Jul 2025 12:28

Instrument :

MSVOA_W

ClientSampleId :

MDL1

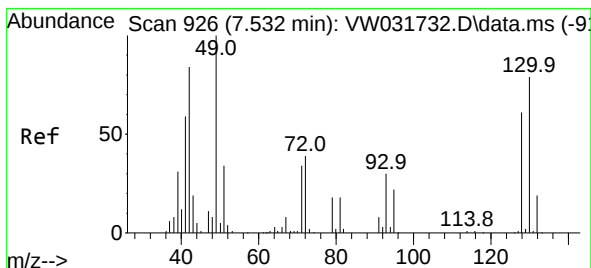
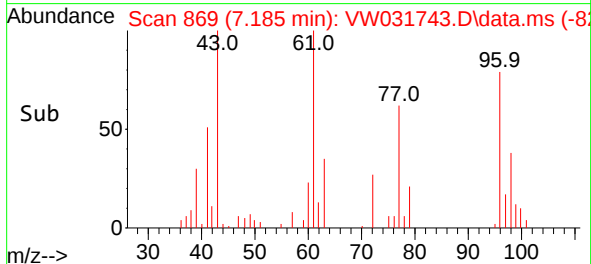
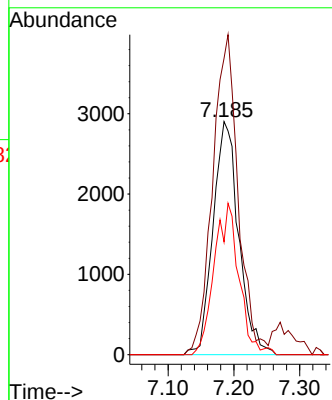
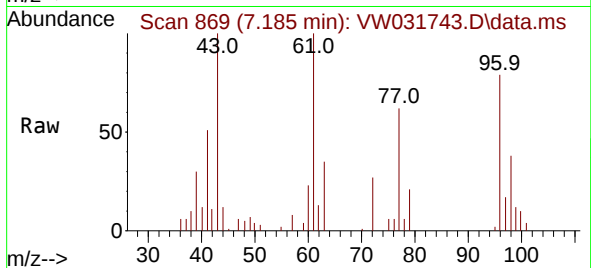
Tgt Ion: 96 Resp: 7876

Ion Ratio Lower Upper

96 100

61 136.7 0.0 286.8

98 62.8 0.0 130.4



#28

Bromochloromethane

Concen: 2.607 ug/l

RT: 7.526 min Scan# 925

Delta R.T. -0.006 min

Lab File: VW031743.D

Acq: 01 Jul 2025 12:28

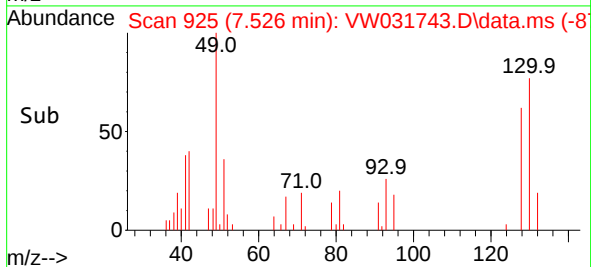
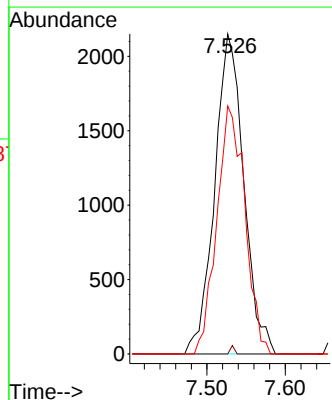
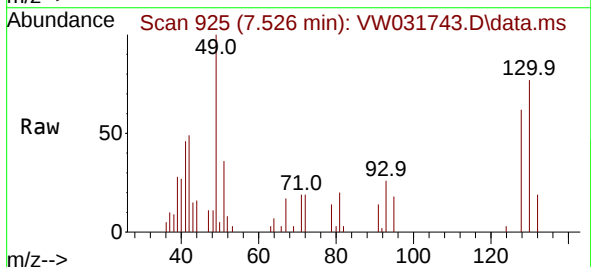
Tgt Ion: 49 Resp: 5551

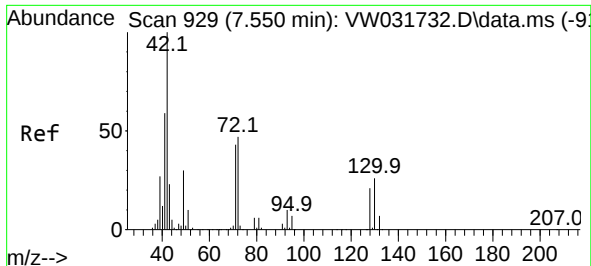
Ion Ratio Lower Upper

49 100

129 0.4 0.0 2.4

130 74.9 61.3 91.9





#29

Tetrahydrofuran

Concen: 12.806 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW031743.D

Acq: 01 Jul 2025 12:28

Instrument :

MSVOA_W

ClientSampleId :

MDL1

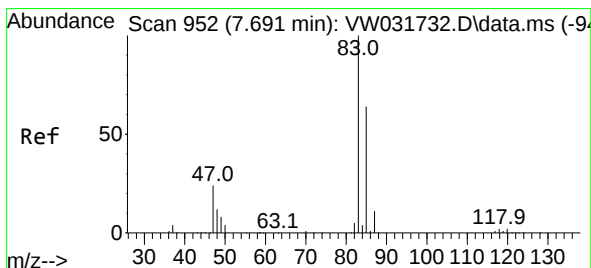
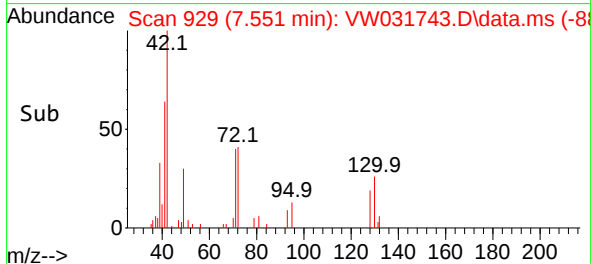
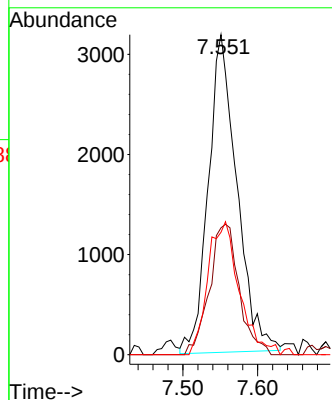
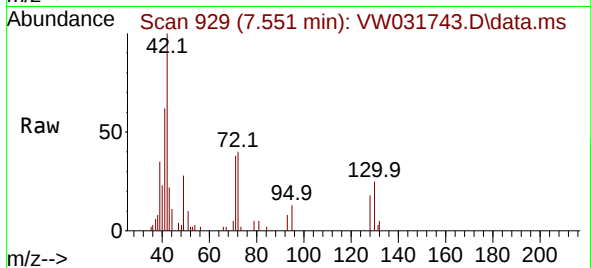
Tgt Ion: 42 Resp: 8449

Ion Ratio Lower Upper

42 100

72 42.6 36.8 55.2

71 45.9 34.6 52.0



#30

Chloroform

Concen: 2.618 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW031743.D

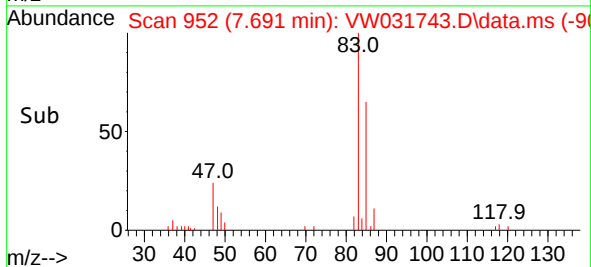
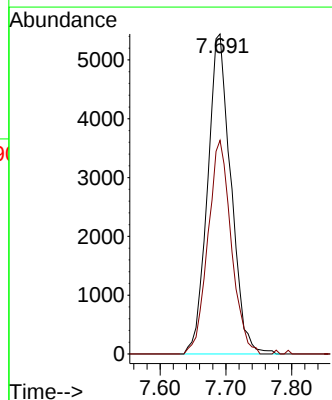
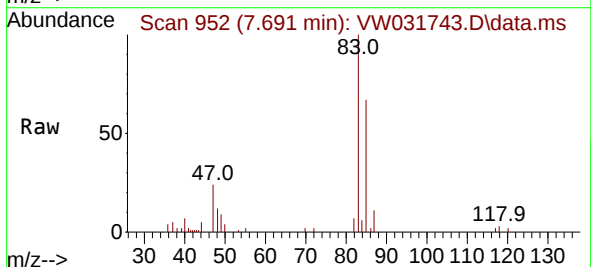
Acq: 01 Jul 2025 12:28

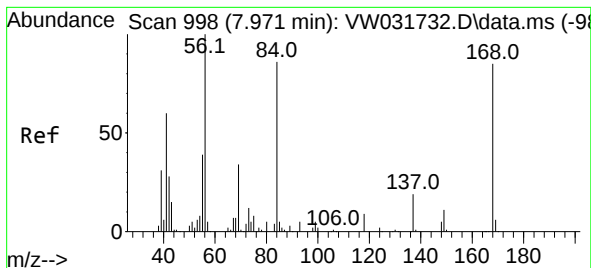
Tgt Ion: 83 Resp: 13426

Ion Ratio Lower Upper

83 100

85 66.8 51.4 77.0

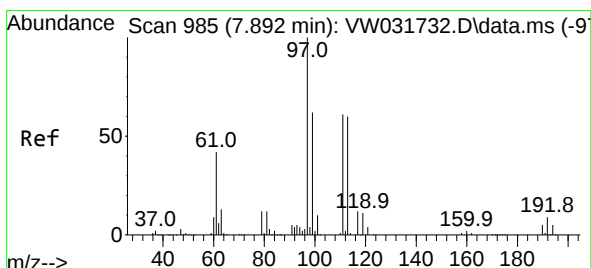
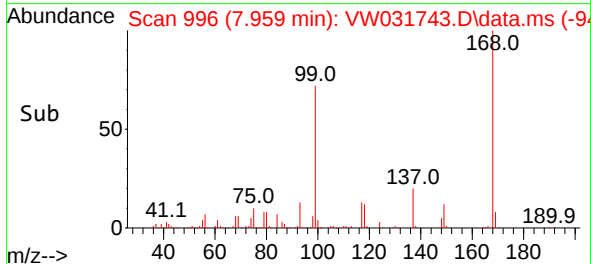
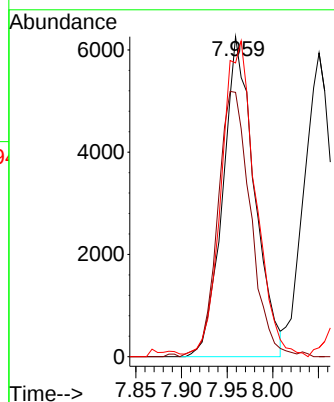
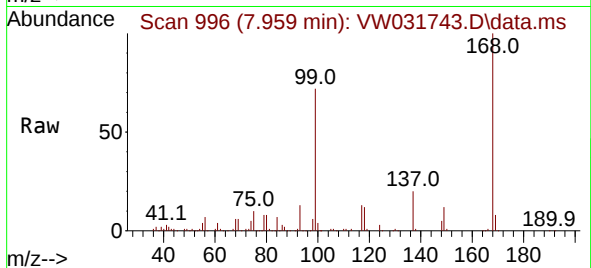




#31
Cyclohexane
Concen: 3.531 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.012 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

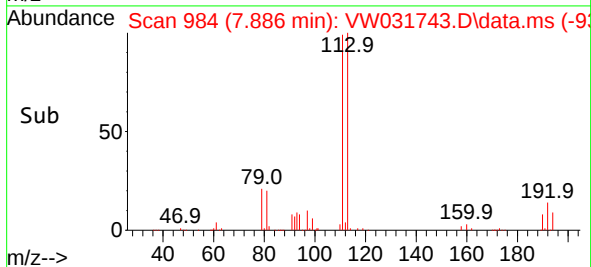
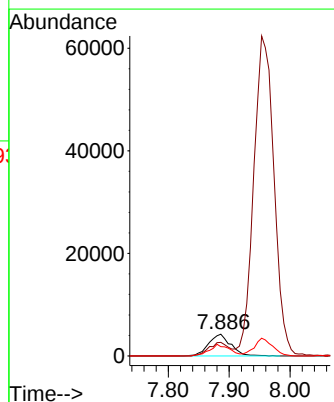
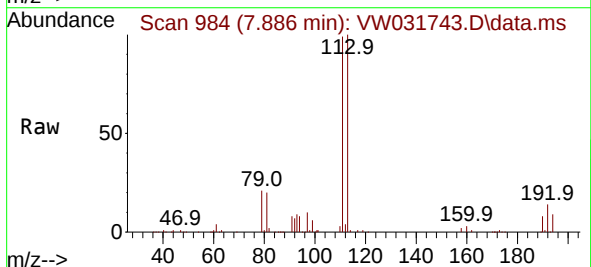
Instrument :
MSVOA_W
ClientSampleId :
MDL1

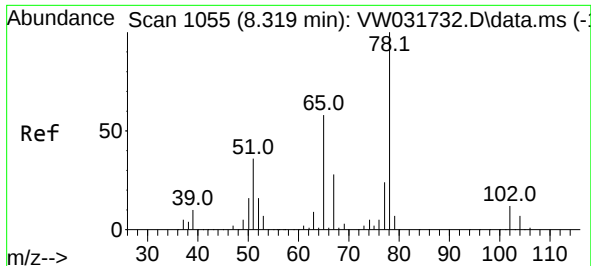
Tgt Ion: 56 Resp: 15065
Ion Ratio Lower Upper
56 100
69 82.6 27.2 40.8#
84 91.0 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 2.718 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

Tgt Ion: 97 Resp: 10743
Ion Ratio Lower Upper
97 100
99 55.7 51.0 76.6
61 48.5 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 54.371 ug/l

RT: 8.313 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VW031743.D

Acq: 01 Jul 2025 12:28

Instrument :

MSVOA_W

ClientSampleId :

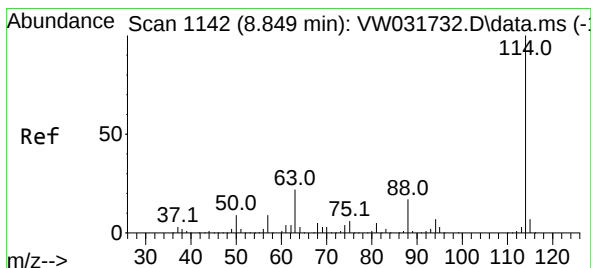
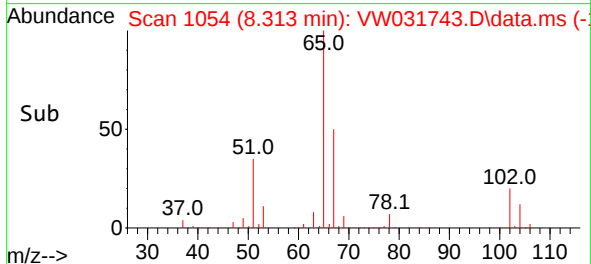
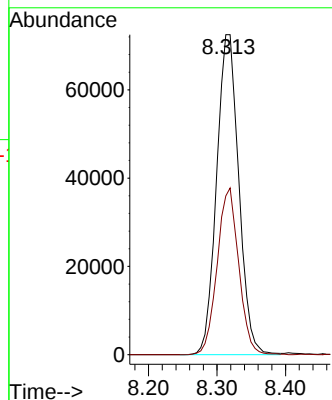
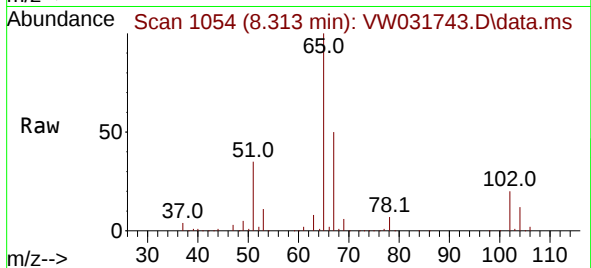
MDL1

Tgt Ion: 65 Resp: 162898

Ion Ratio Lower Upper

65 100

67 50.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. 0.000 min

Lab File: VW031743.D

Acq: 01 Jul 2025 12:28

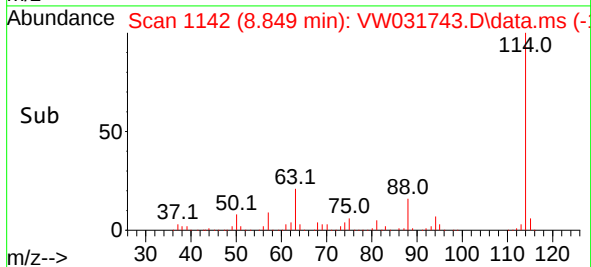
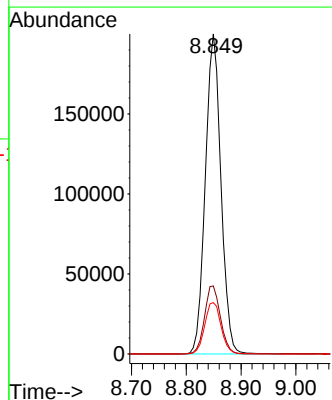
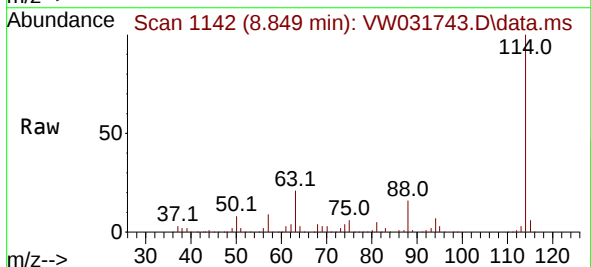
Tgt Ion: 114 Resp: 394647

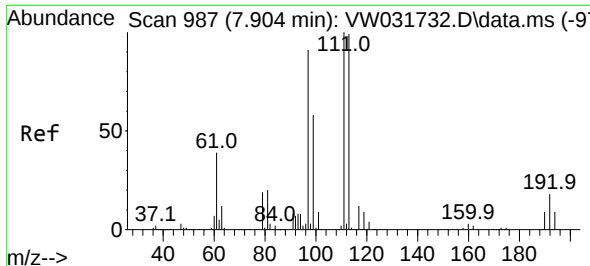
Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.6

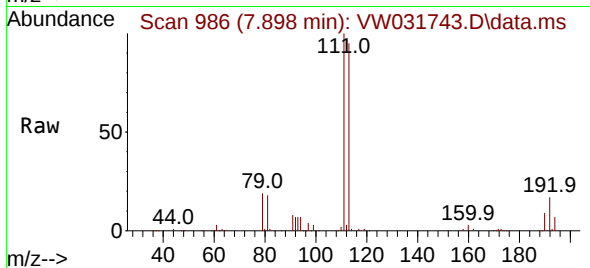
88 16.1 0.0 34.2



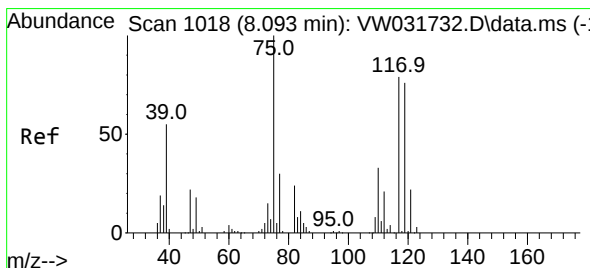
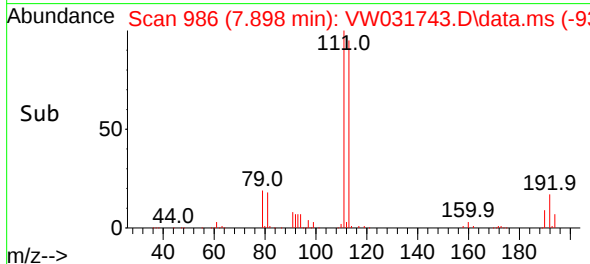
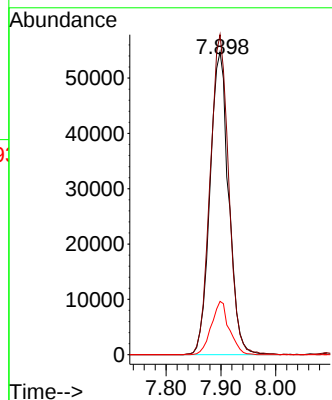


#35
 Dibromofluoromethane
 Concen: 50.067 ug/l
 RT: 7.898 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW031743.D
 Acq: 01 Jul 2025 12:28

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL1

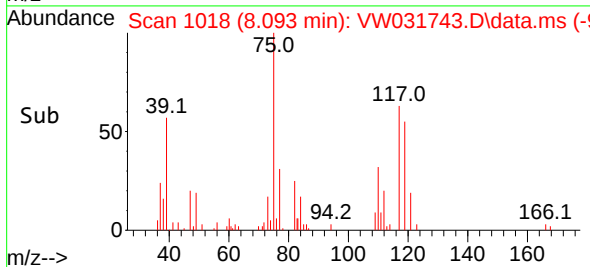
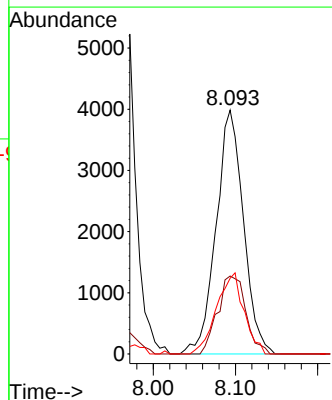
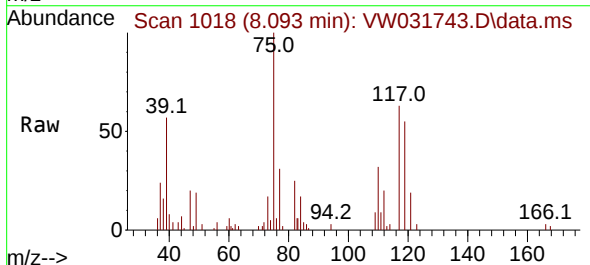


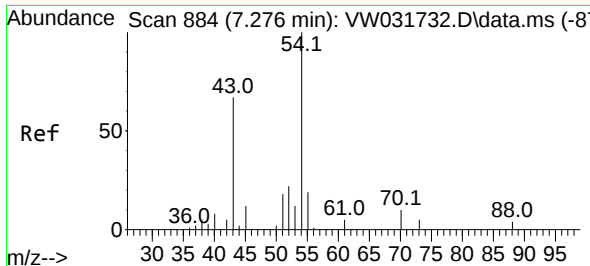
Tgt Ion:113 Resp: 128936
 Ion Ratio Lower Upper
 113 100
 111 105.5 82.1 123.1
 192 16.8 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 2.476 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. 0.000 min
 Lab File: VW031743.D
 Acq: 01 Jul 2025 12:28

Tgt Ion: 75 Resp: 9225
 Ion Ratio Lower Upper
 75 100
 110 32.8 16.8 50.4
 77 33.2 25.0 37.6

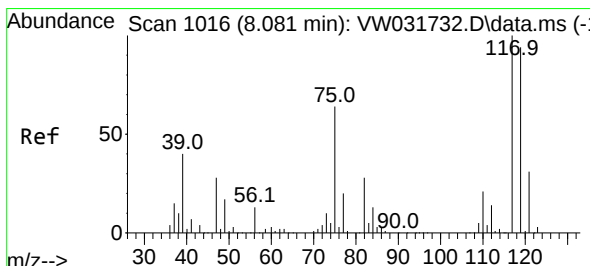
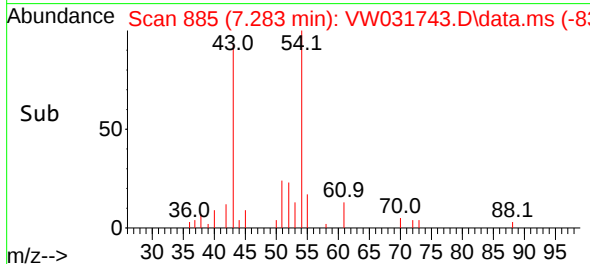
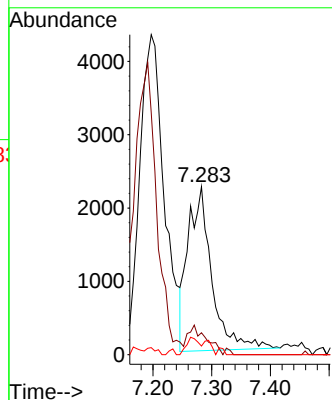
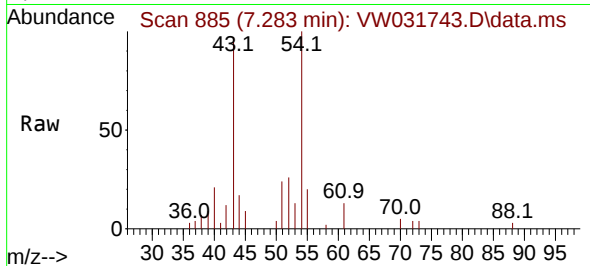




#37
Ethyl Acetate
Concen: 2.673 ug/l
RT: 7.283 min Scan# 884
Delta R.T. 0.006 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

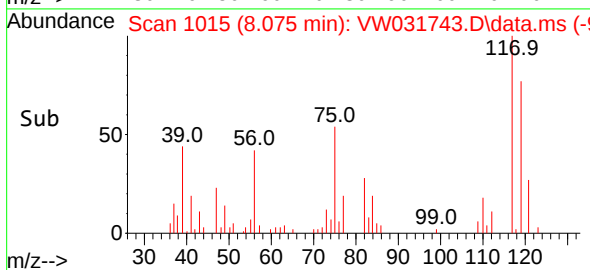
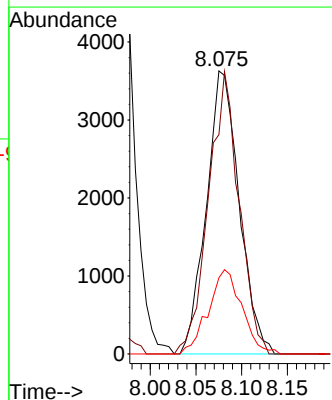
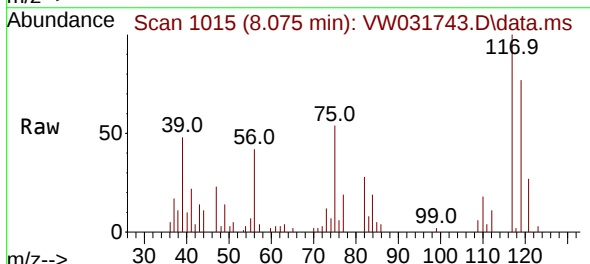
Instrument :
MSVOA_W
ClientSampleId :
MDL1

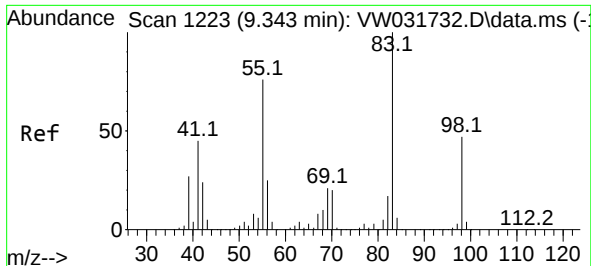
Tgt Ion: 43 Resp: 6283
Ion Ratio Lower Upper
43 100
61 13.8 10.9 16.3
70 5.6 9.2 13.8#



#38
Carbon Tetrachloride
Concen: 2.384 ug/l
RT: 8.075 min Scan# 1015
Delta R.T. -0.006 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

Tgt Ion: 117 Resp: 9052
Ion Ratio Lower Upper
117 100
119 77.5 75.0 112.6
121 26.9 24.6 37.0





#39

Methylcyclohexane

Concen: 2.337 ug/l

RT: 9.337 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW031743.D

Acq: 01 Jul 2025 12:28

Instrument :

MSVOA_W

ClientSampleId :

MDL1

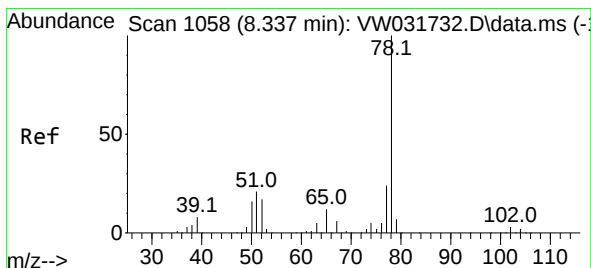
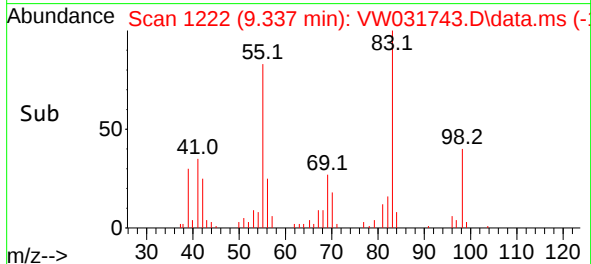
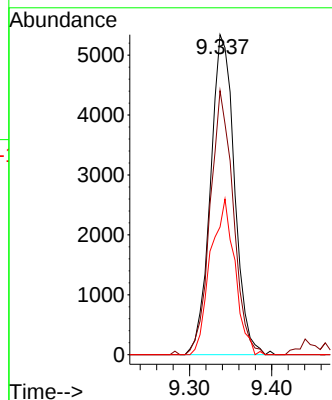
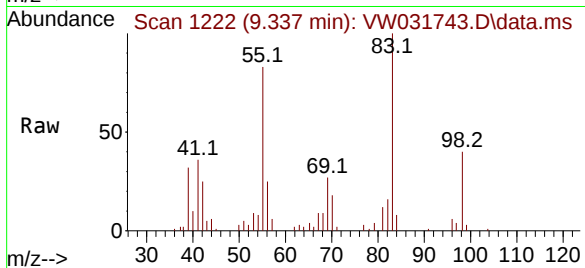
Tgt Ion: 83 Resp: 10837

Ion Ratio Lower Upper

83 100

55 82.5 61.0 91.4

98 39.9 37.9 56.9



#40

Benzene

Concen: 2.467 ug/l

RT: 8.331 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VW031743.D

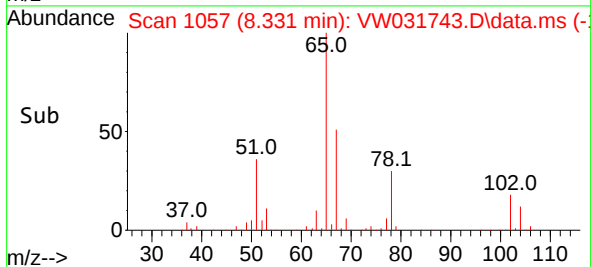
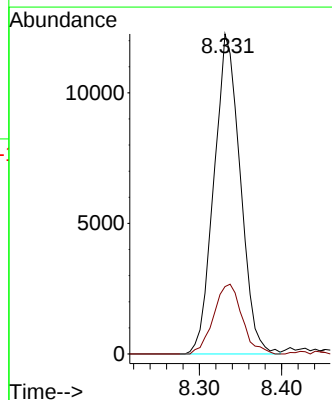
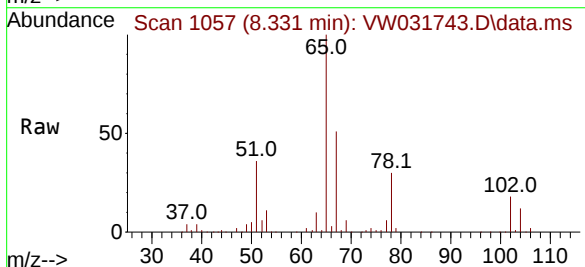
Acq: 01 Jul 2025 12:28

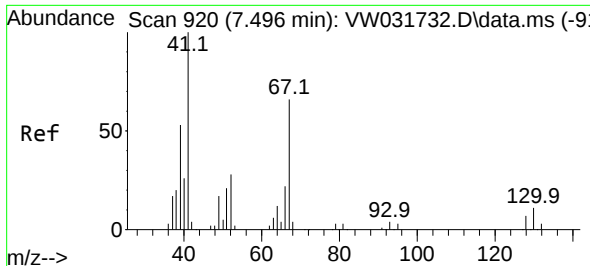
Tgt Ion: 78 Resp: 27199

Ion Ratio Lower Upper

78 100

77 21.1 19.2 28.8

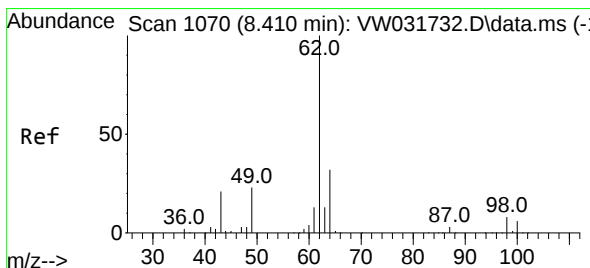
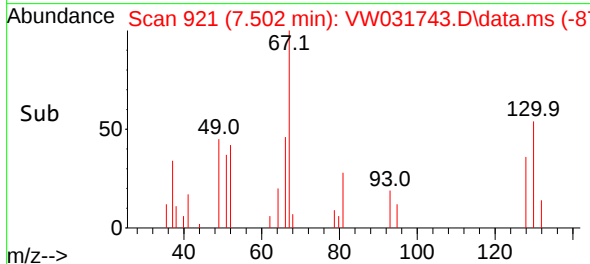
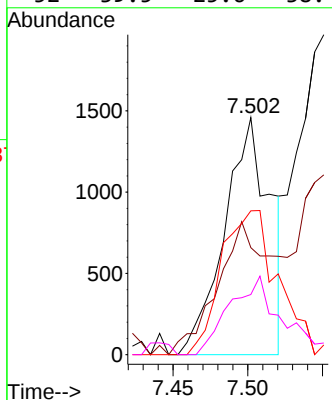
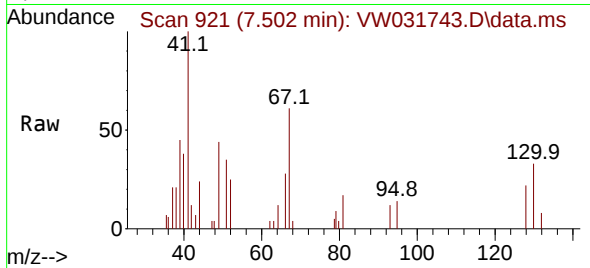




#41
Methacrylonitrile
Concen: 2.463 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

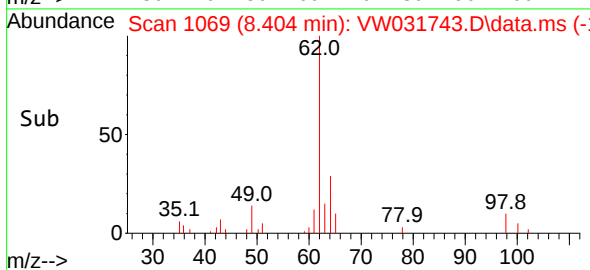
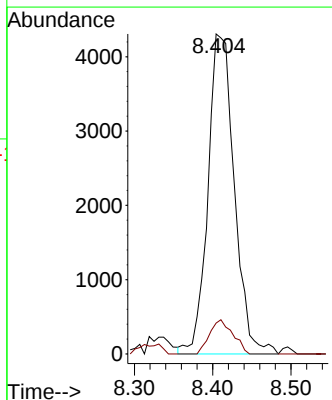
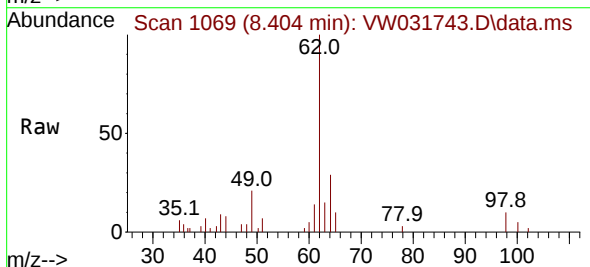
Instrument :
MSVOA_W
ClientSampleId :
MDL1

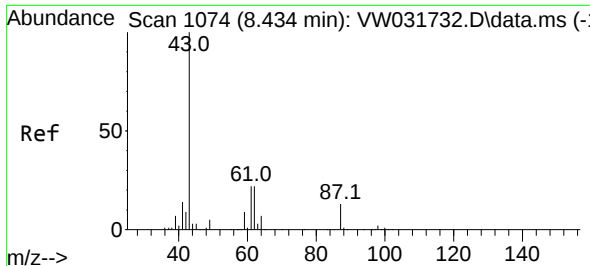
Tgt Ion: 41	Resp: 3101
Ion Ratio	Lower Upper
41	100
39	64.3 43.2 64.8
67	75.1 58.1 87.1
52	39.5 25.6 38.4



#42
1,2-Dichloroethane
Concen: 2.709 ug/l
RT: 8.404 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

Tgt Ion: 62	Resp: 10093
Ion Ratio	Lower Upper
62	100
98	9.4 0.0 17.2

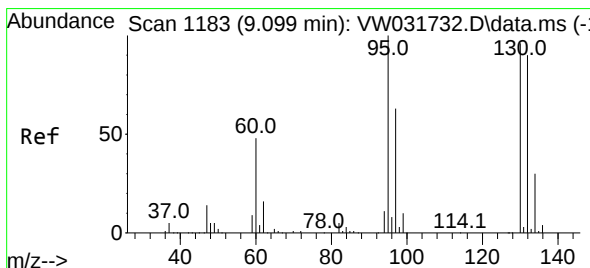
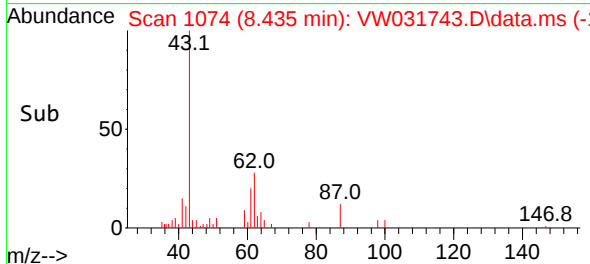
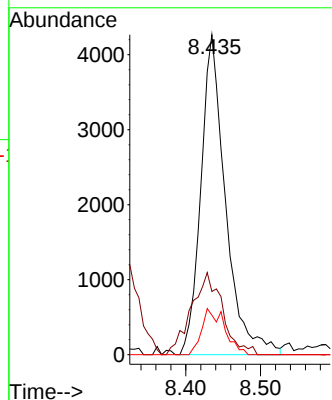
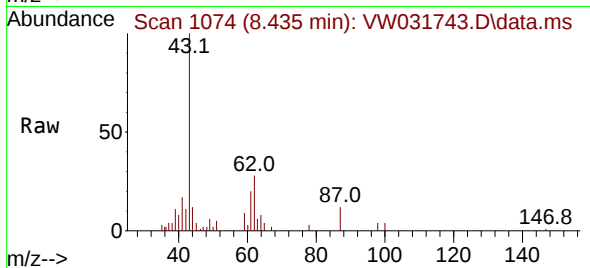




#43
Isopropyl Acetate
Concen: 2.415 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

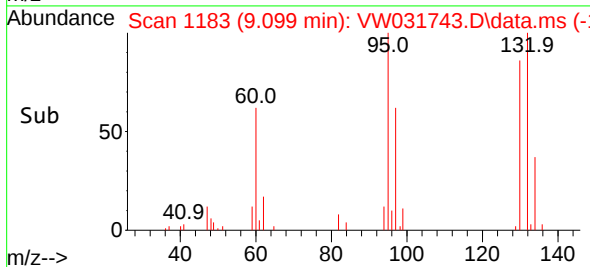
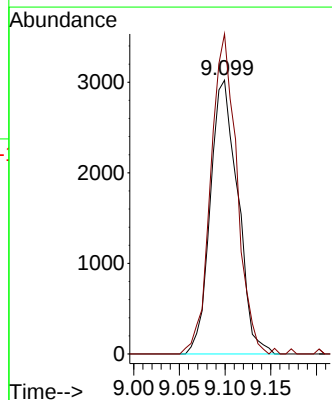
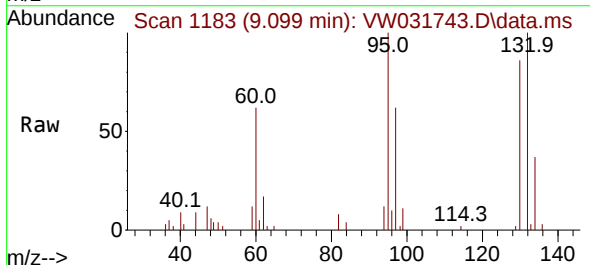
Instrument :
MSVOA_W
ClientSampleId :
MDL1

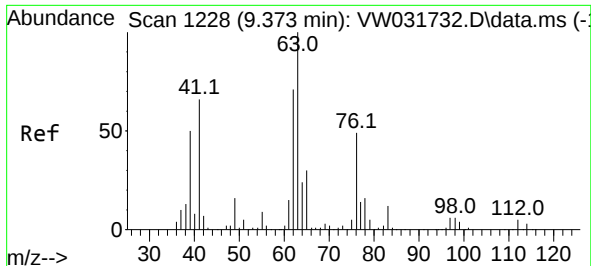
Tgt Ion: 43 Resp: 9786
Ion Ratio Lower Upper
43 100
61 32.5 23.1 34.7
87 13.4 10.8 16.2



#44
Trichloroethene
Concen: 2.300 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

Tgt Ion: 130 Resp: 6329
Ion Ratio Lower Upper
130 100
95 116.9 0.0 208.6





#45

1,2-Dichloropropane

Concen: 2.535 ug/l

RT: 9.374 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031743.D

Acq: 01 Jul 2025 12:28

Instrument :

MSVOA_W

ClientSampleId :

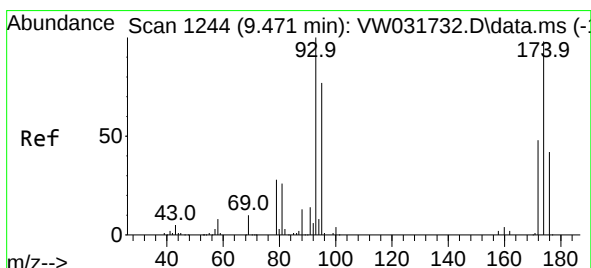
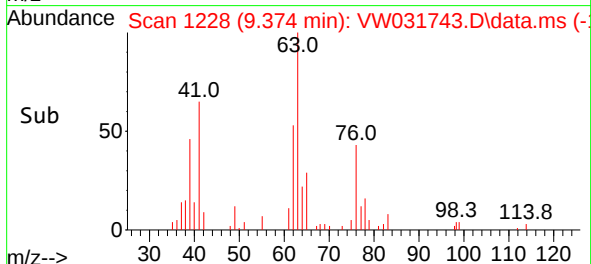
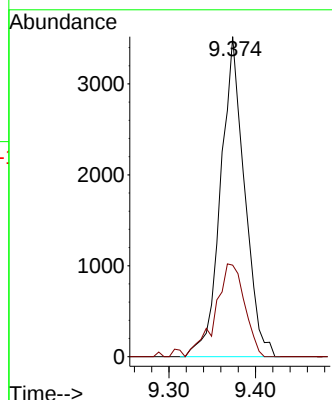
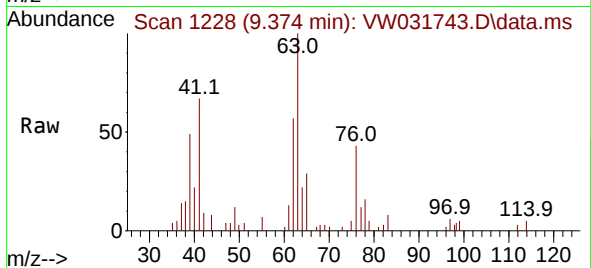
MDL1

Tgt Ion: 63 Resp: 6756

Ion Ratio Lower Upper

63 100

65 28.6 24.2 36.4



#46

Dibromomethane

Concen: 2.522 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.006 min

Lab File: VW031743.D

Acq: 01 Jul 2025 12:28

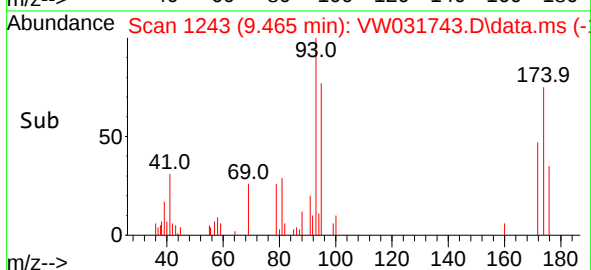
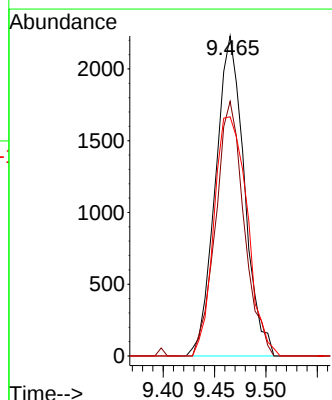
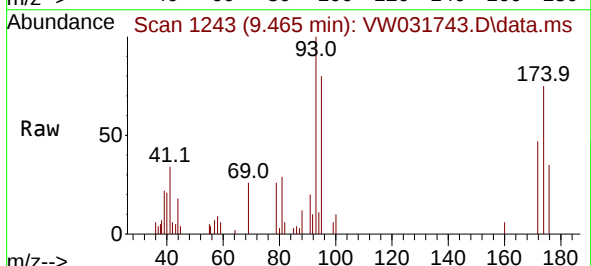
Tgt Ion: 93 Resp: 4339

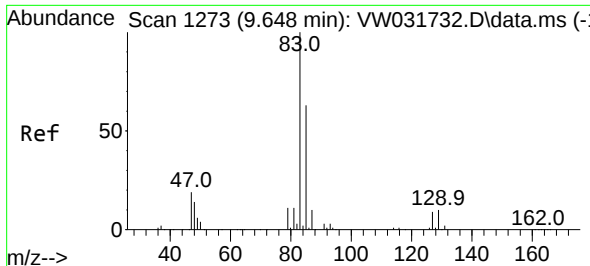
Ion Ratio Lower Upper

93 100

95 78.5 67.0 100.4

174 86.1 71.7 107.5

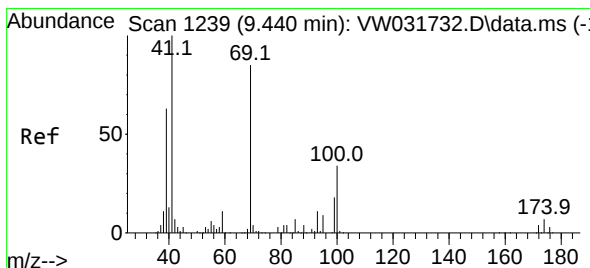
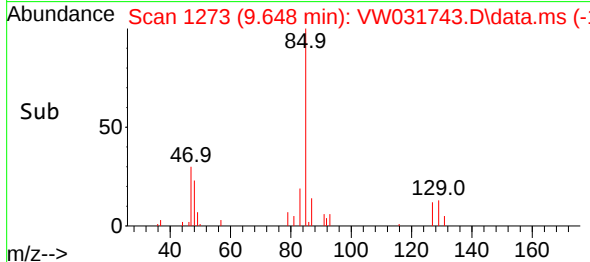
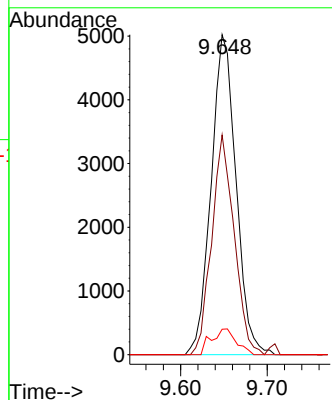
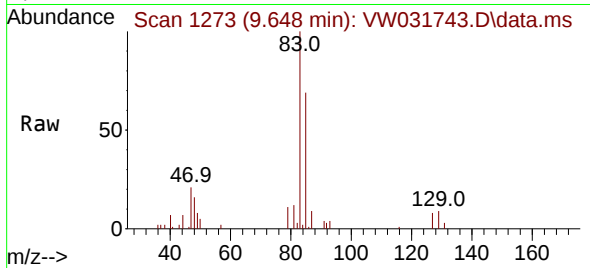




#47
Bromodichloromethane
Concen: 2.484 ug/l
RT: 9.648 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

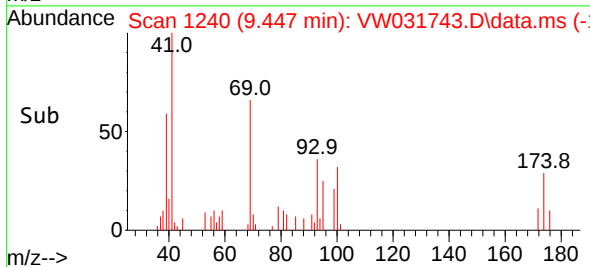
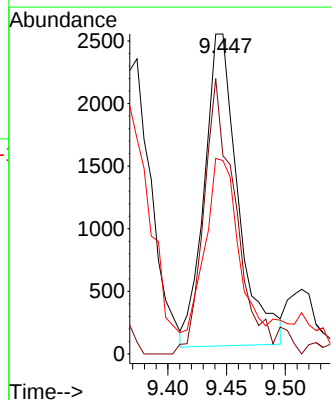
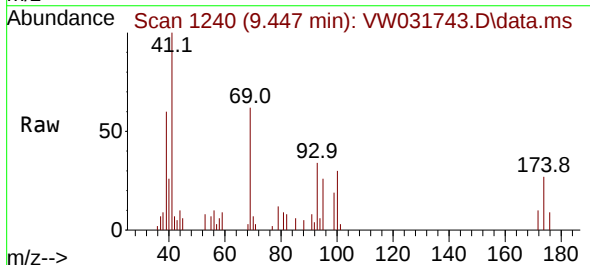
Instrument :
MSVOA_W
ClientSampleId :
MDL1

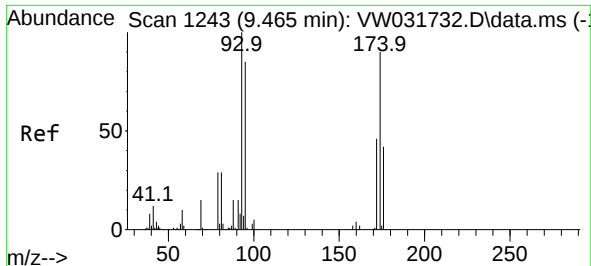
Tgt Ion:	83	Resp:	10021
Ion	Ratio	Lower	Upper
83	100		
85	68.6	50.8	76.2
127	7.9	6.8	10.2



#48
Methyl methacrylate
Concen: 2.512 ug/l
RT: 9.447 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

Tgt Ion:	41	Resp:	5006
Ion	Ratio	Lower	Upper
41	100		
69	81.1	71.6	107.4
39	52.2	49.5	74.3





#49

1,4-Dioxane

Concen: 42.385 ug/l

RT: 9.471 min Scan# 1244

Delta R.T. 0.006 min

Lab File: VW031743.D

Acq: 01 Jul 2025 12:28

Instrument :

MSVOA_W

ClientSampleId :

MDL1

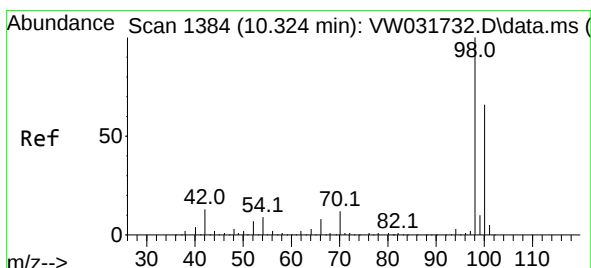
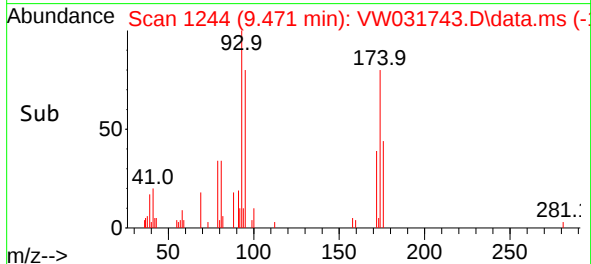
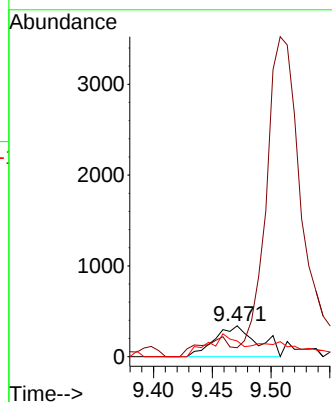
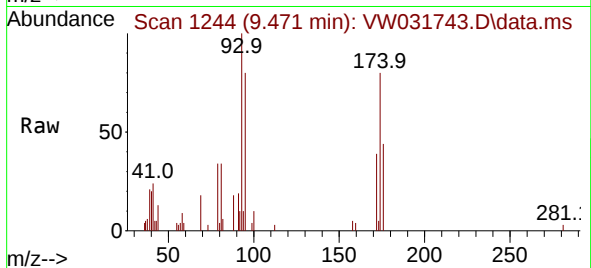
Tgt Ion: 88 Resp: 854

Ion Ratio Lower Upper

88 100

43 46.0 0.0 0.0#

58 57.3 58.3 87.5#



#50

Toluene-d8

Concen: 51.196 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031743.D

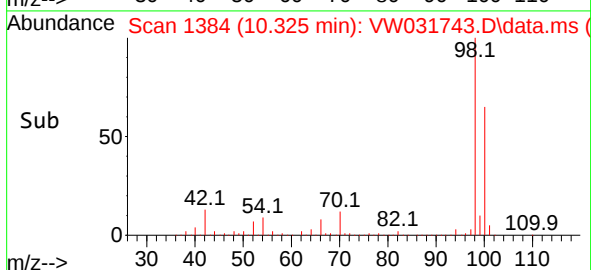
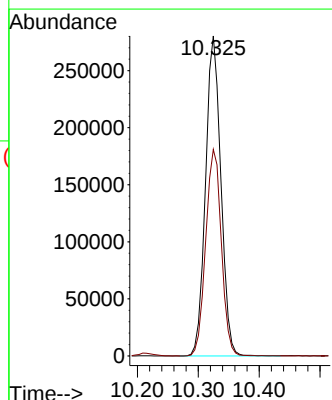
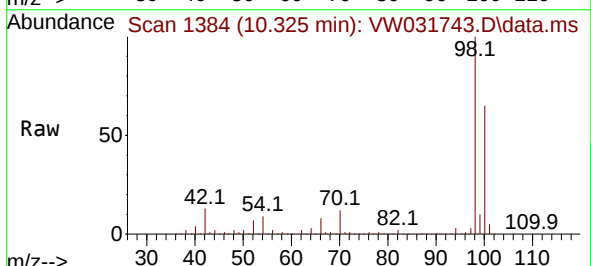
Acq: 01 Jul 2025 12:28

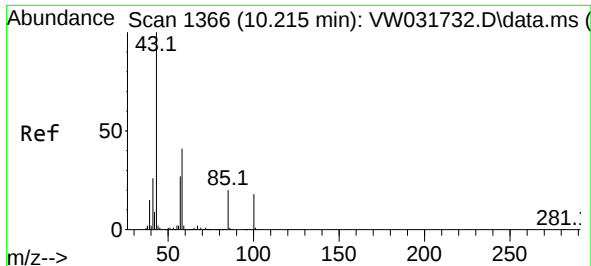
Tgt Ion: 98 Resp: 490636

Ion Ratio Lower Upper

98 100

100 65.8 53.0 79.4

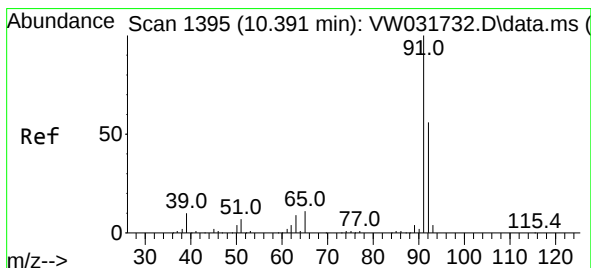
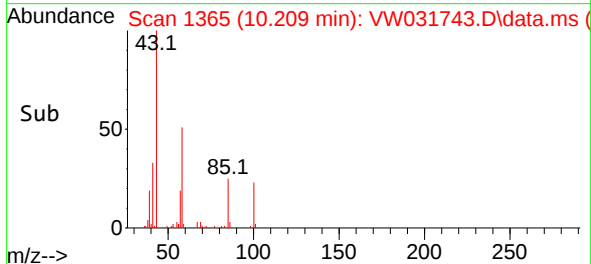
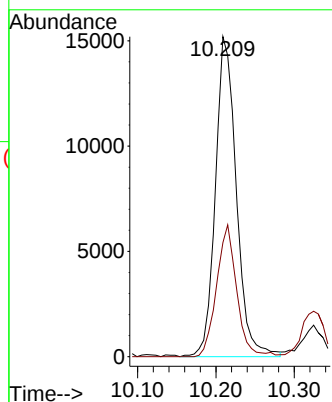
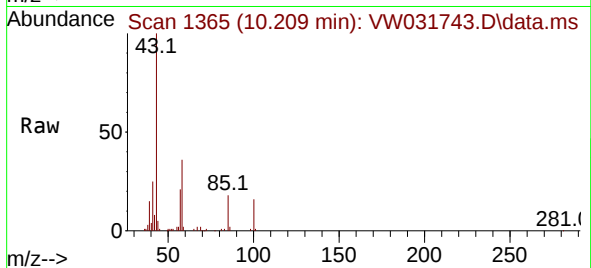




#51
4-Methyl-2-Pentanone
Concen: 12.135 ug/l
RT: 10.209 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

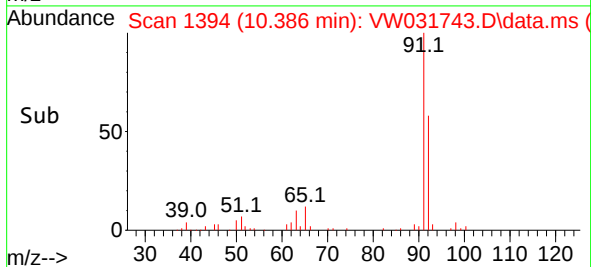
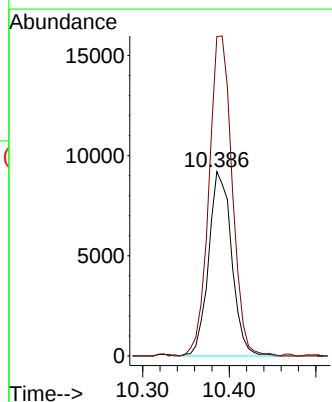
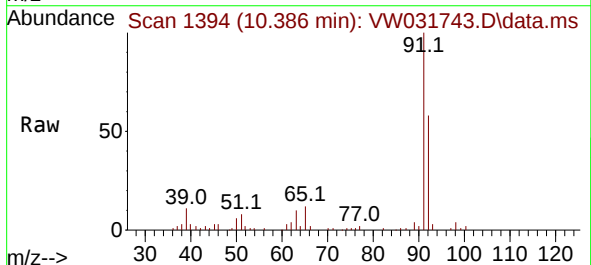
Instrument :
MSVOA_W
ClientSampleId :
MDL1

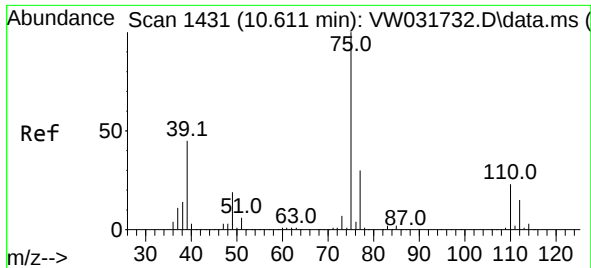
Tgt Ion: 43 Resp: 28270
Ion Ratio Lower Upper
43 100
58 39.7 32.2 48.2



#52
Toluene
Concen: 2.406 ug/l
RT: 10.386 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

Tgt Ion: 92 Resp: 16985
Ion Ratio Lower Upper
92 100
91 175.2 139.5 209.3

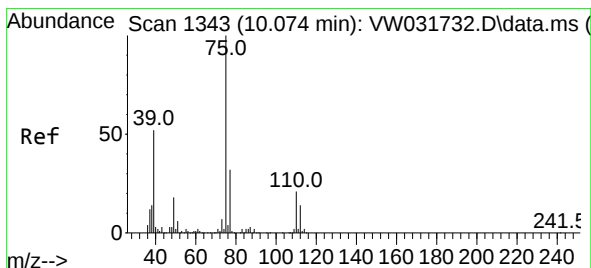
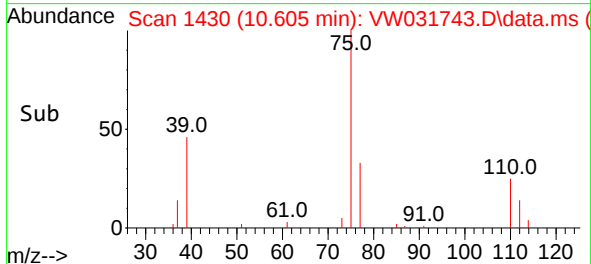
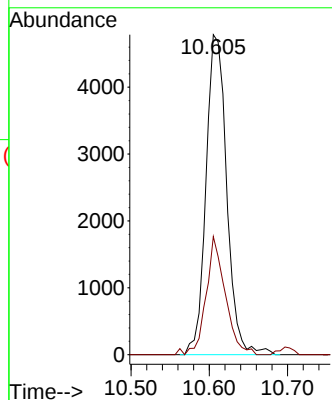
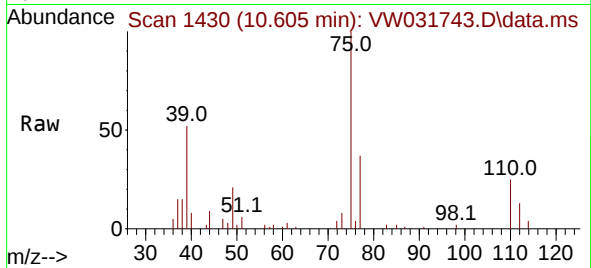




#53
 t-1,3-Dichloropropene
 Concen: 2.324 ug/l
 RT: 10.605 min Scan# 1431
 Delta R.T. -0.006 min
 Lab File: VW031743.D
 Acq: 01 Jul 2025 12:28

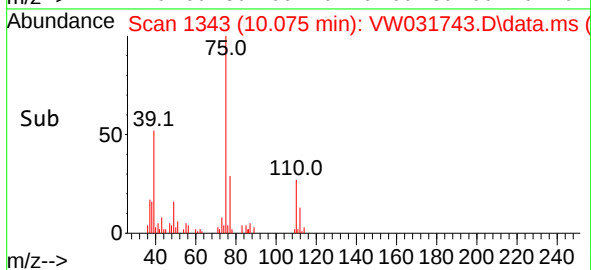
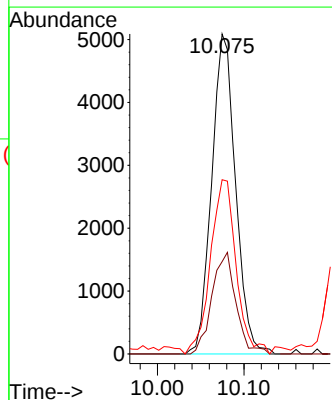
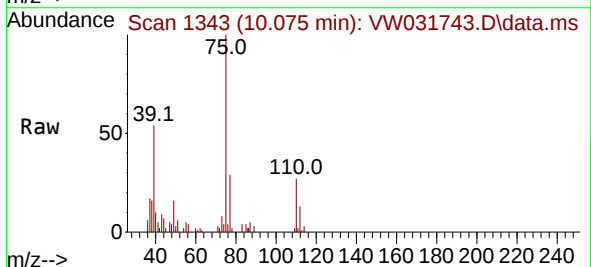
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL1

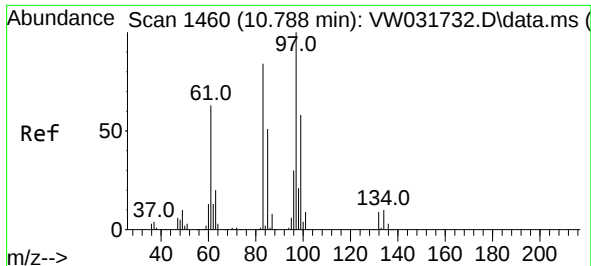
Tgt Ion: 75 Resp: 8798
 Ion Ratio Lower Upper
 75 100
 77 35.7 24.3 36.5



#54
 cis-1,3-Dichloropropene
 Concen: 2.270 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW031743.D
 Acq: 01 Jul 2025 12:28

Tgt Ion: 75 Resp: 9741
 Ion Ratio Lower Upper
 75 100
 77 28.9 25.4 38.2
 39 52.8 41.8 62.6





#55

1,1,2-Trichloroethane

Concen: 2.600 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW031743.D

Acq: 01 Jul 2025 12:28

Instrument :

MSVOA_W

ClientSampleId :

MDL1

Tgt Ion: 97 Resp: 5858

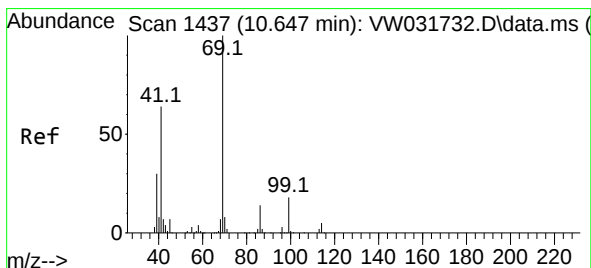
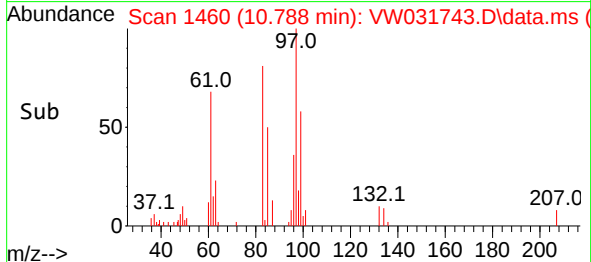
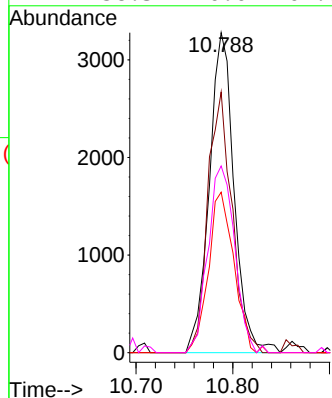
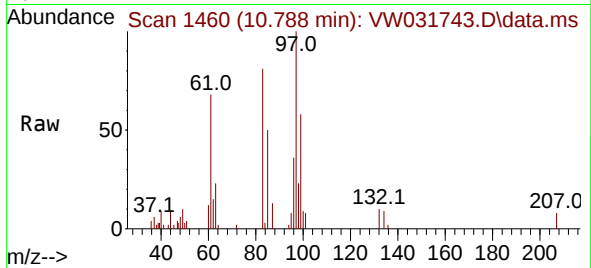
Ion Ratio Lower Upper

97 100

83 81.5 66.9 100.3

85 50.2 41.1 61.7

99 58.3 46.6 69.8



#56

Ethyl methacrylate

Concen: 2.217 ug/l

RT: 10.648 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VW031743.D

Acq: 01 Jul 2025 12:28

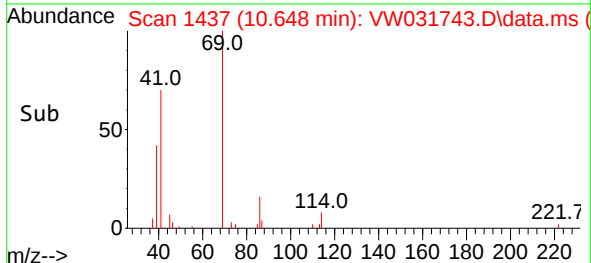
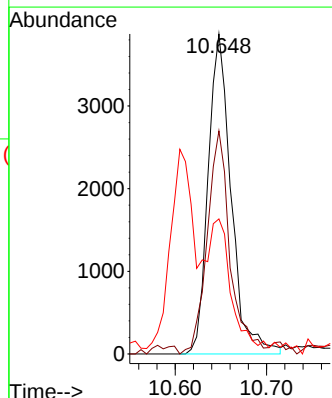
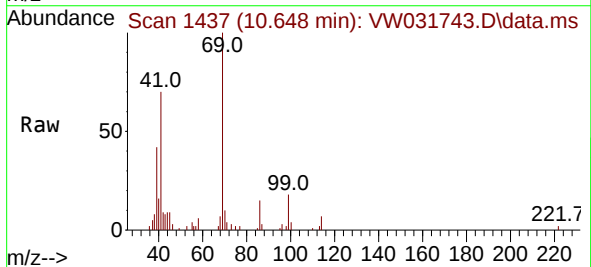
Tgt Ion: 69 Resp: 6778

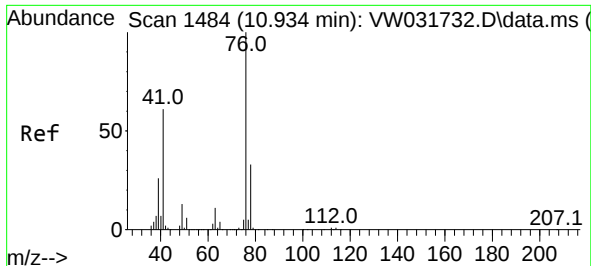
Ion Ratio Lower Upper

69 100

41 69.0 53.3 79.9

39 33.8 30.2 45.2





#57

1,3-Dichloropropane

Concen: 2.489 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031743.D

Acq: 01 Jul 2025 12:28

Instrument :

MSVOA_W

ClientSampleId :

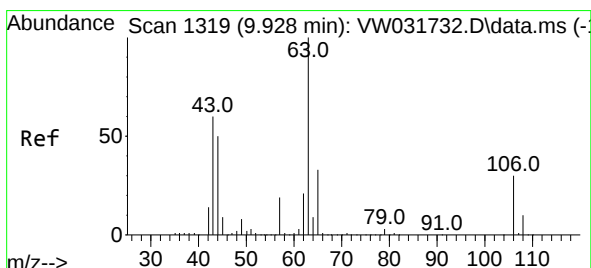
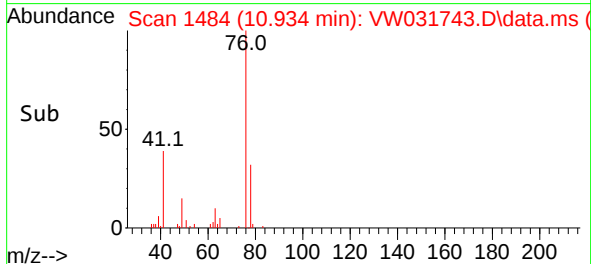
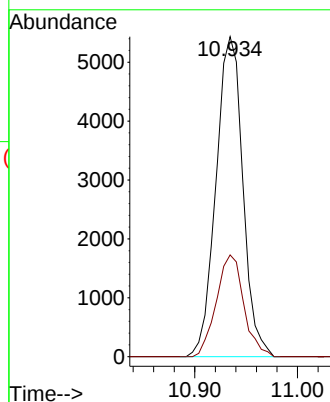
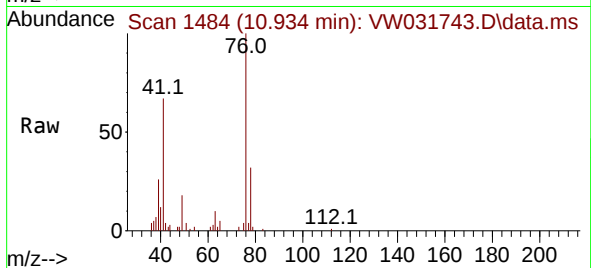
MDL1

Tgt Ion: 76 Resp: 9847

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 11.315 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031743.D

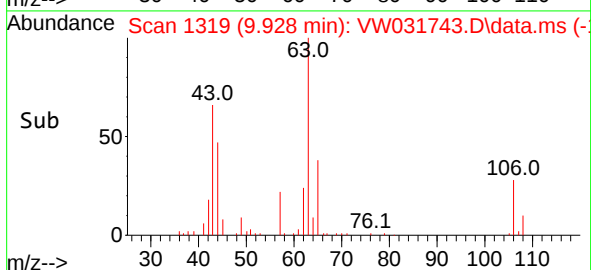
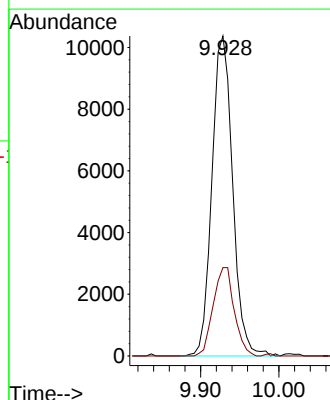
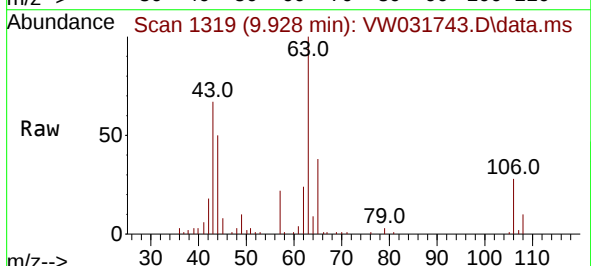
Acq: 01 Jul 2025 12:28

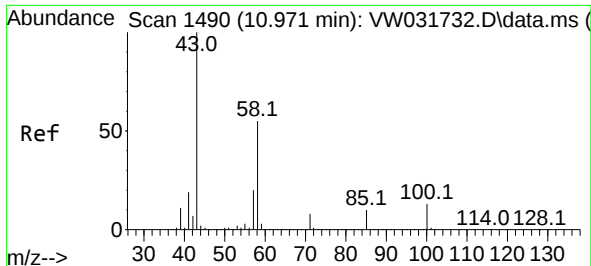
Tgt Ion: 63 Resp: 19049

Ion Ratio Lower Upper

63 100

106 28.1 24.1 36.1

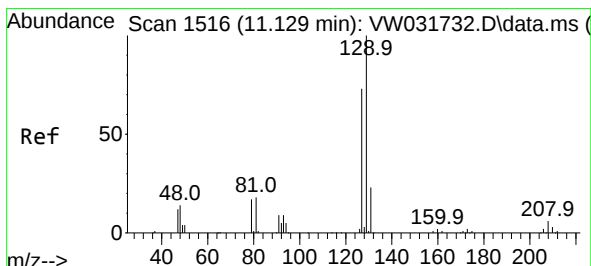
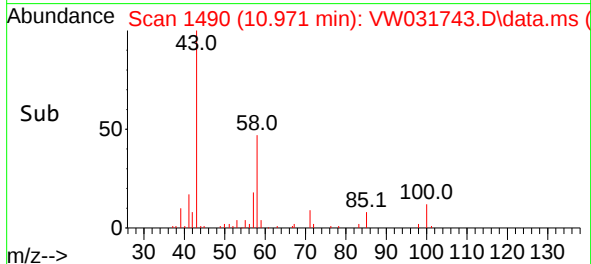
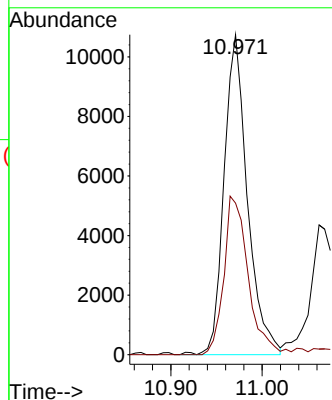
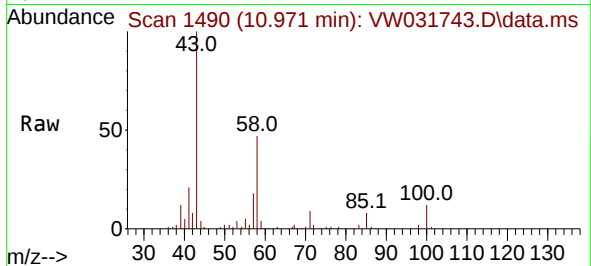




#59
2-Hexanone
Concen: 12.075 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

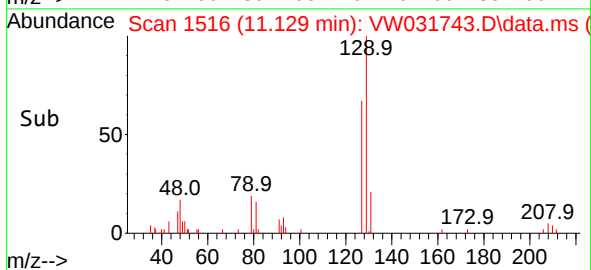
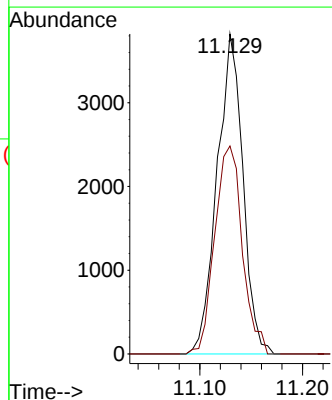
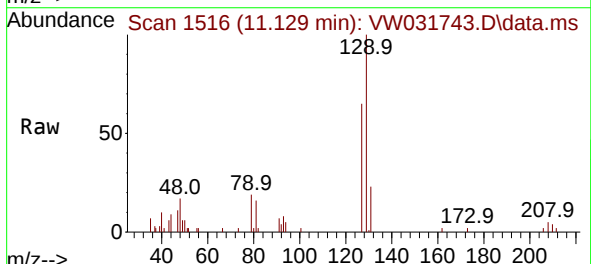
Instrument :
MSVOA_W
ClientSampleId :
MDL1

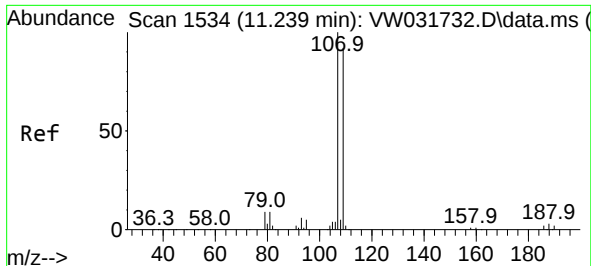
Tgt Ion: 43 Resp: 19063
Ion Ratio Lower Upper
43 100
58 51.7 27.9 83.6



#60
Dibromochloromethane
Concen: 2.471 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

Tgt Ion: 129 Resp: 6658
Ion Ratio Lower Upper
129 100
127 69.5 38.0 114.1

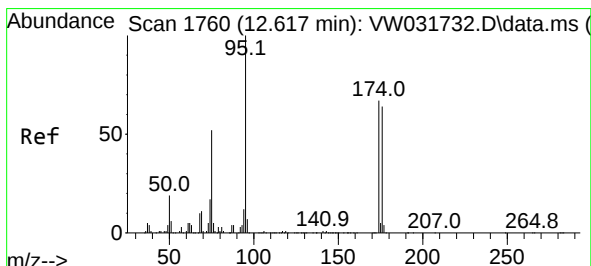
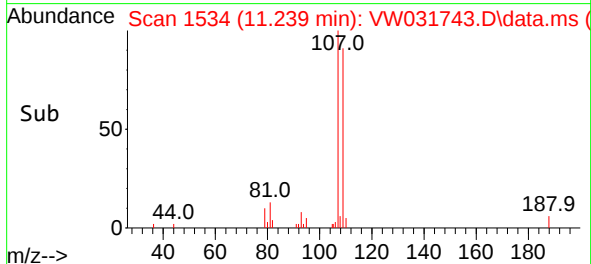
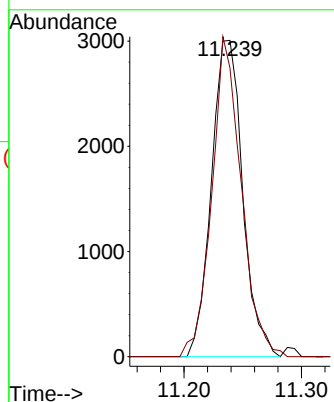
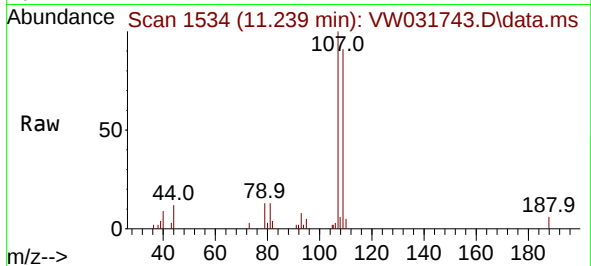




#61
1,2-Dibromoethane
Concen: 2.465 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

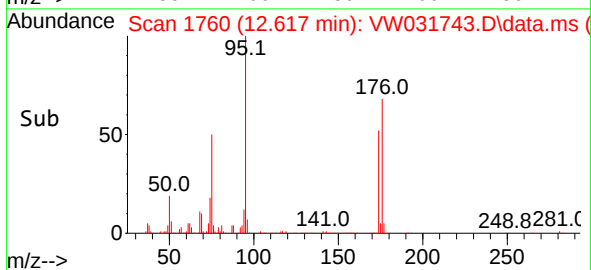
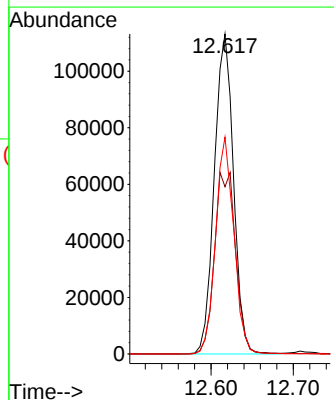
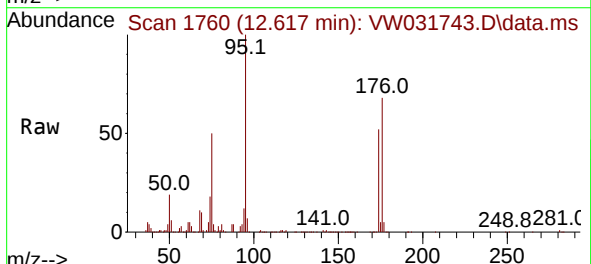
Instrument :
MSVOA_W
ClientSampleId :
MDL1

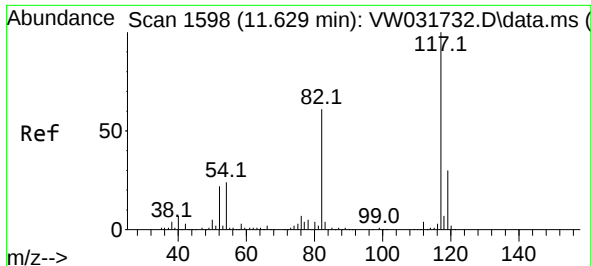
Tgt Ion:107 Resp: 5560
Ion Ratio Lower Upper
107 100
109 95.0 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 51.927 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

Tgt Ion: 95 Resp: 183132
Ion Ratio Lower Upper
95 100
174 62.9 0.0 133.8
176 65.0 0.0 126.0

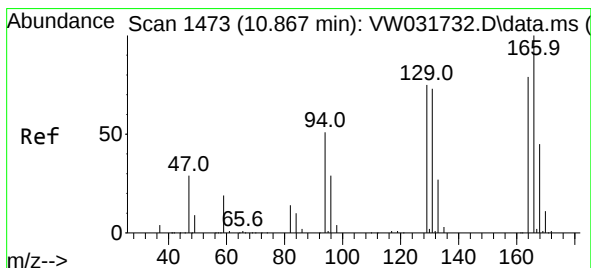
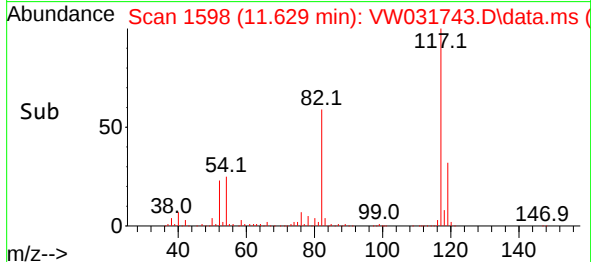
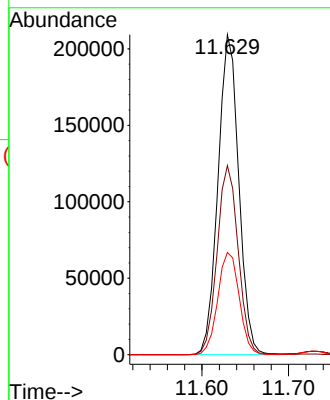
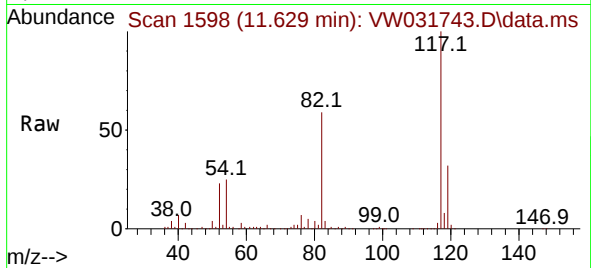




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 117
Delta R.T. 0.000 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

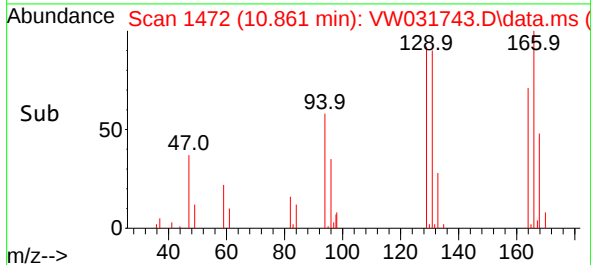
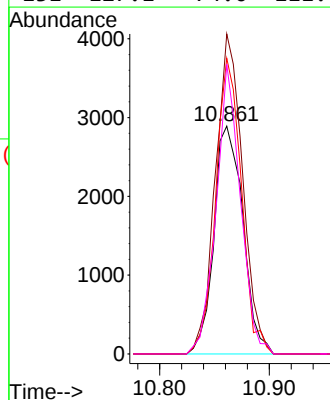
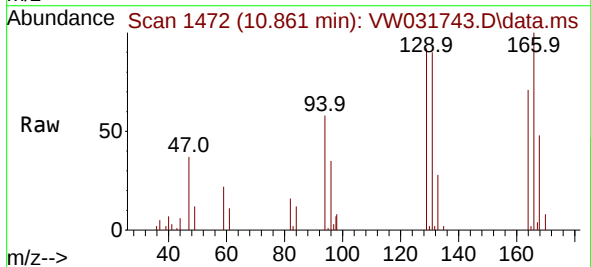
Instrument :
MSVOA_W
ClientSampleId :
MDL1

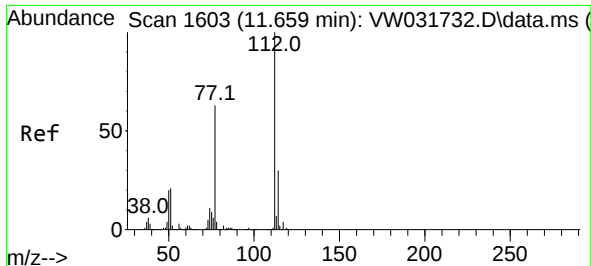
Tgt Ion:117 Resp: 348704
Ion Ratio Lower Upper
117 100
82 59.1 48.6 72.8
119 32.0 23.9 35.9



#64
Tetrachloroethene
Concen: 2.321 ug/l
RT: 10.861 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

Tgt Ion:164 Resp: 5294
Ion Ratio Lower Upper
164 100
166 140.4 100.7 151.1
129 129.7 75.4 113.0#
131 127.1 74.0 111.0#





#65

Chlorobenzene

Concen: 2.487 ug/l

RT: 11.654 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031743.D

Acq: 01 Jul 2025 12:28

Instrument :

MSVOA_W

ClientSampleId :

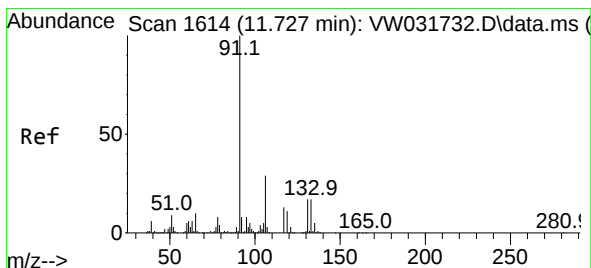
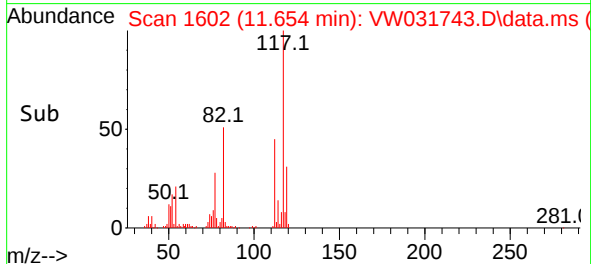
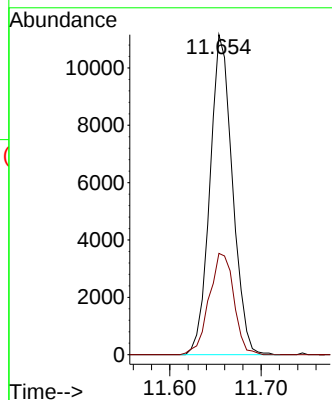
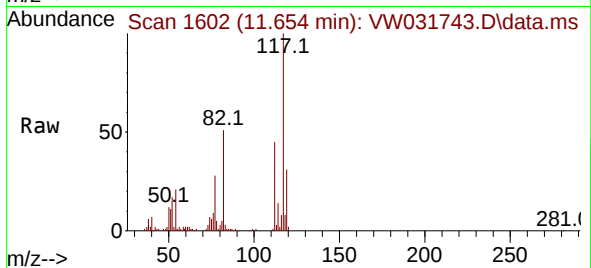
MDL1

Tgt Ion:112 Resp: 19134

Ion Ratio Lower Upper

112 100

114 31.7 23.8 35.8



#66

1,1,1,2-Tetrachloroethane

Concen: 2.384 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.006 min

Lab File: VW031743.D

Acq: 01 Jul 2025 12:28

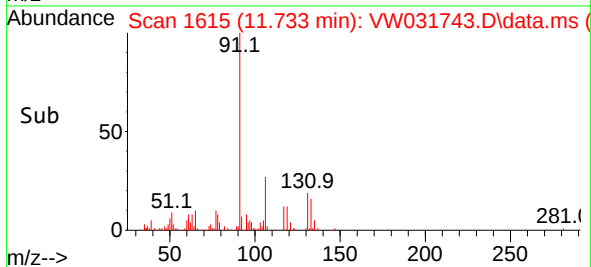
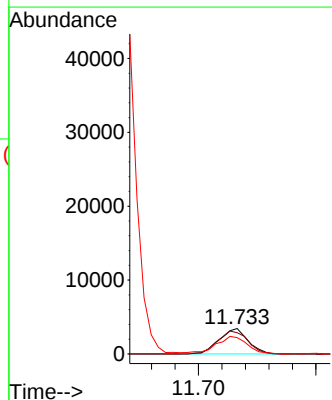
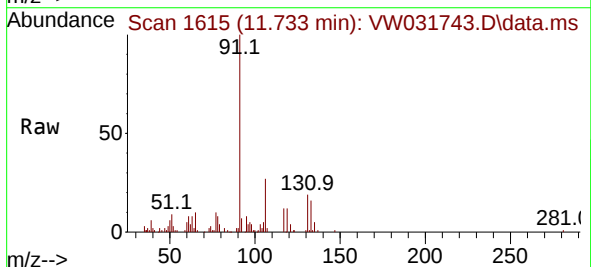
Tgt Ion:131 Resp: 5845

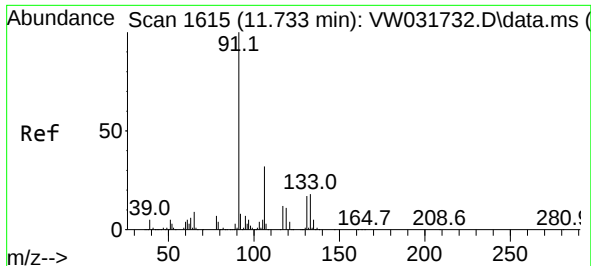
Ion Ratio Lower Upper

131 100

133 94.3 48.5 145.6

119 75.6 32.5 97.5





#67

Ethyl Benzene

Concen: 2.404 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031743.D

Acq: 01 Jul 2025 12:28

Instrument :

MSVOA_W

ClientSampleId :

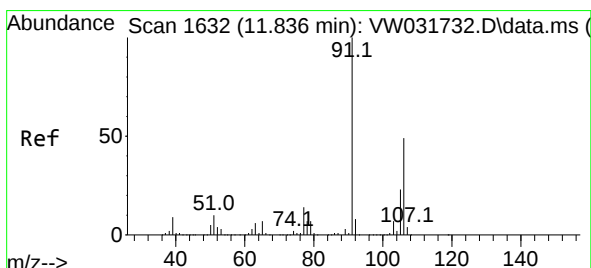
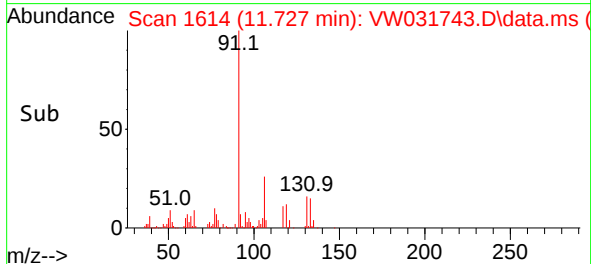
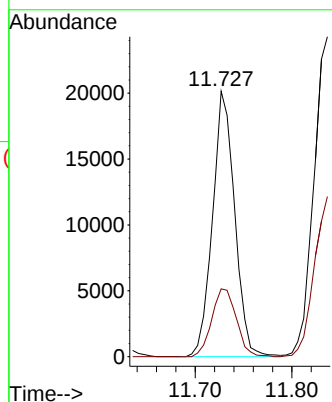
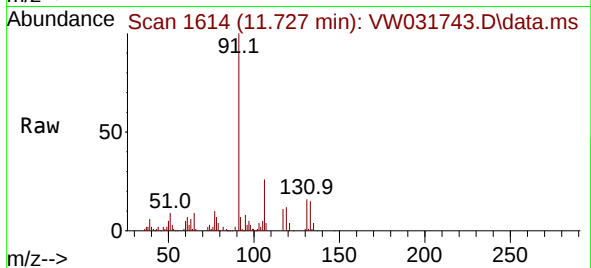
MDL1

Tgt Ion: 91 Resp: 32067

Ion Ratio Lower Upper

91 100

106 25.6 25.4 38.2



#68

m/p-Xylenes

Concen: 4.551 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031743.D

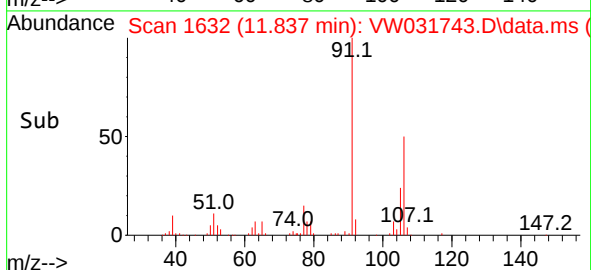
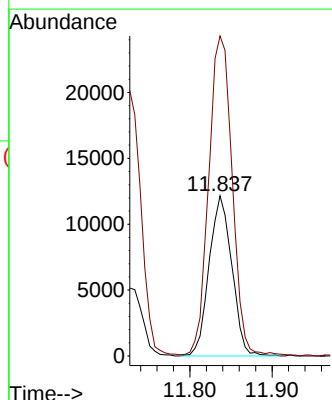
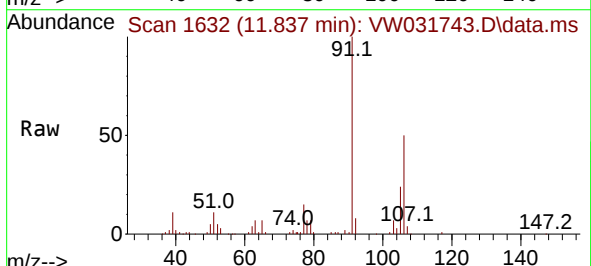
Acq: 01 Jul 2025 12:28

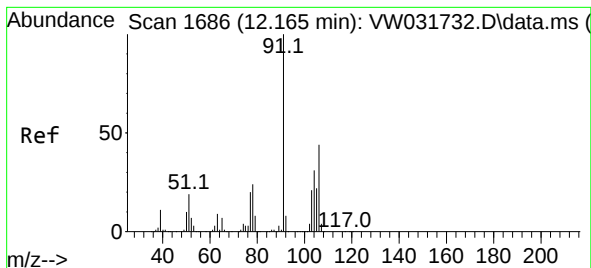
Tgt Ion:106 Resp: 23338

Ion Ratio Lower Upper

106 100

91 207.2 166.4 249.6





#69

o-Xylene

Concen: 2.268 ug/l

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031743.D

Acq: 01 Jul 2025 12:28

Instrument :

MSVOA_W

ClientSampleId :

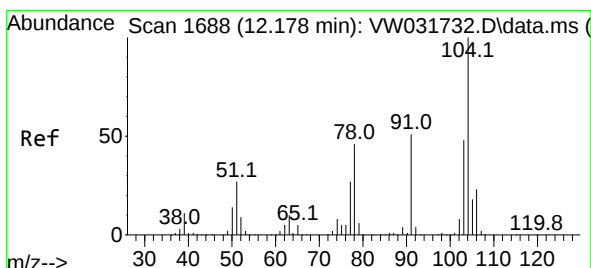
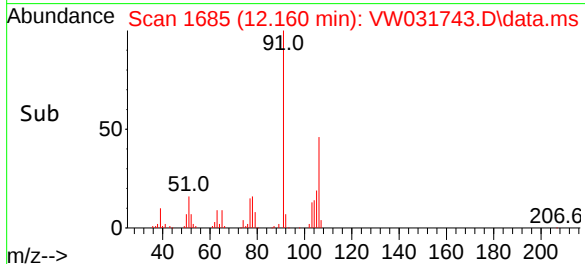
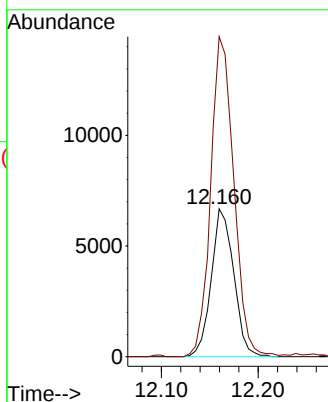
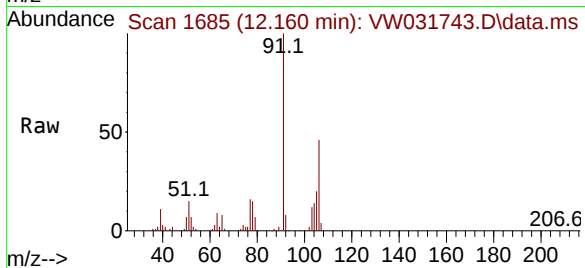
MDL1

Tgt Ion:106 Resp: 10770

Ion Ratio Lower Upper

106 100

91 223.4 111.5 334.4



#70

Styrene

Concen: 2.219 ug/l

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW031743.D

Acq: 01 Jul 2025 12:28

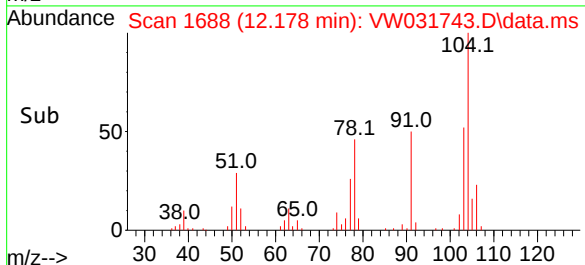
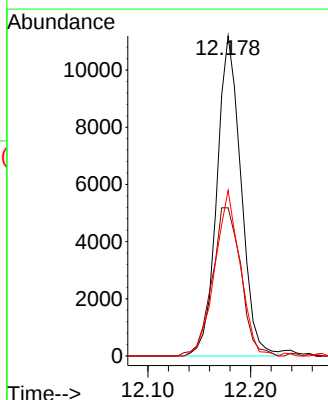
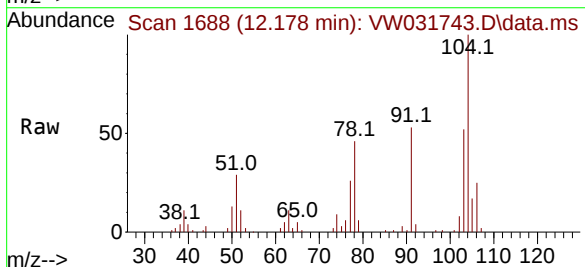
Tgt Ion:104 Resp: 18218

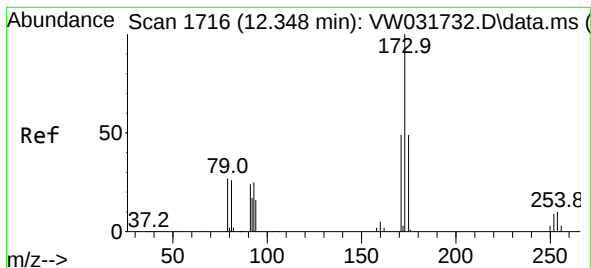
Ion Ratio Lower Upper

104 100

78 55.3 42.1 63.1

103 54.3 43.0 64.6





#71

Bromoform

Concen: 2.202 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031743.D

Acq: 01 Jul 2025 12:28

Instrument :

MSVOA_W

ClientSampleId :

MDL1

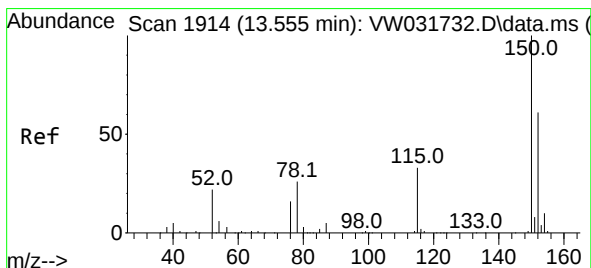
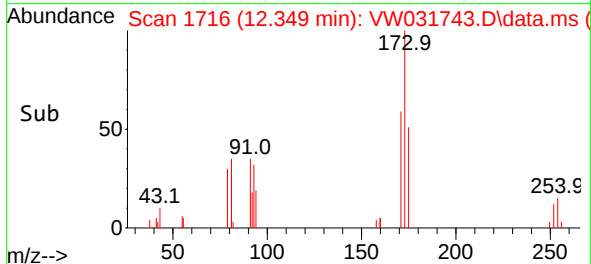
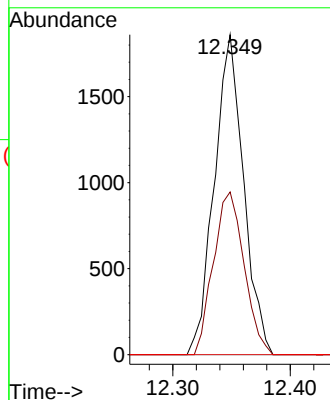
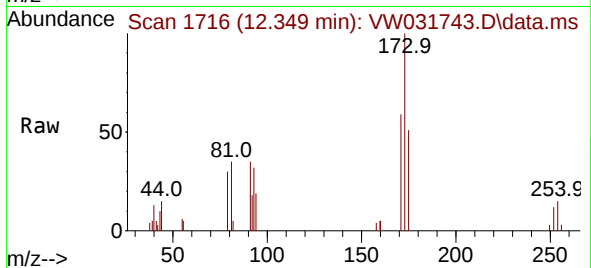
Tgt Ion:173 Resp: 3221

Ion Ratio Lower Upper

173 100

175 53.3 24.0 72.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW031743.D

Acq: 01 Jul 2025 12:28

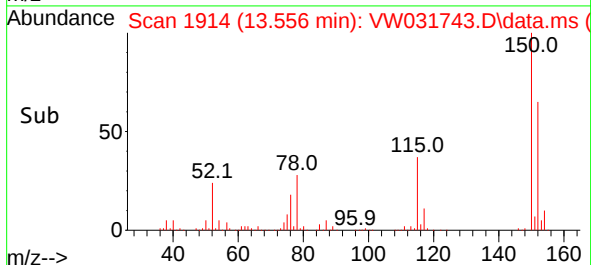
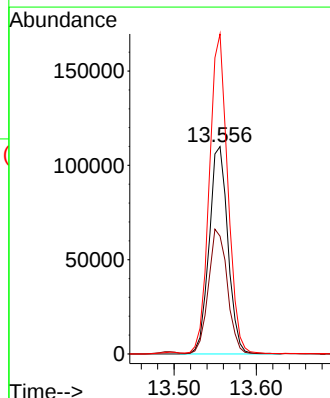
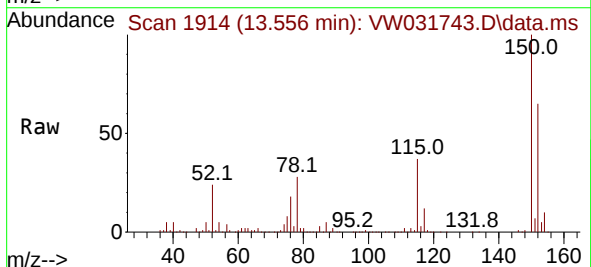
Tgt Ion:152 Resp: 174412

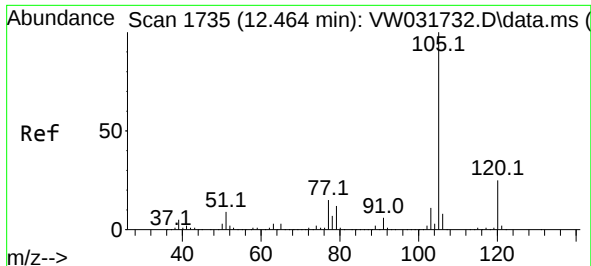
Ion Ratio Lower Upper

152 100

115 60.7 31.9 95.7

150 150.9 0.0 356.4

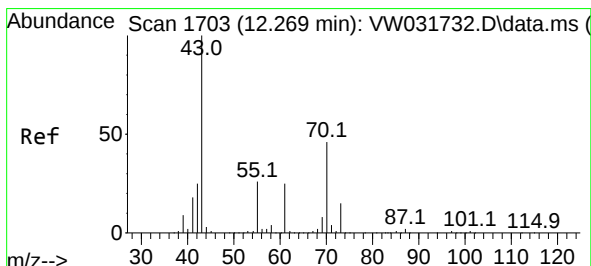
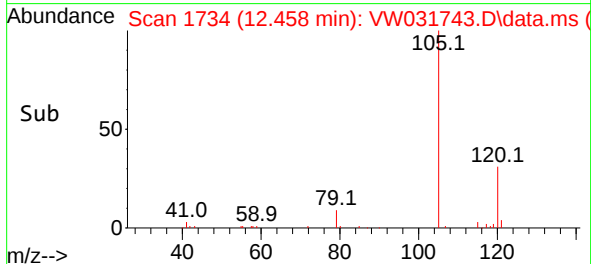
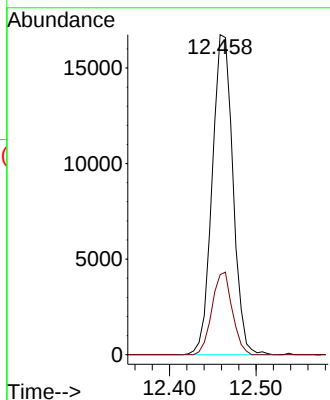
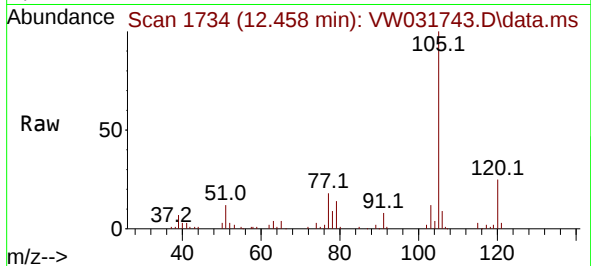




#73
Isopropylbenzene
Concen: 2.100 ug/l
RT: 12.458 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

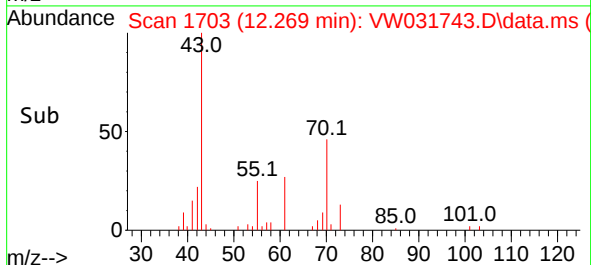
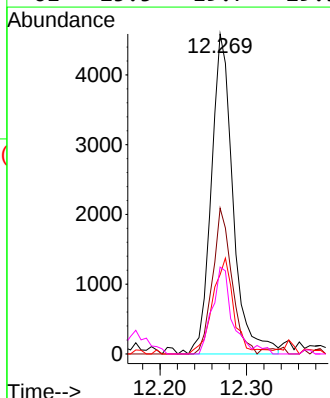
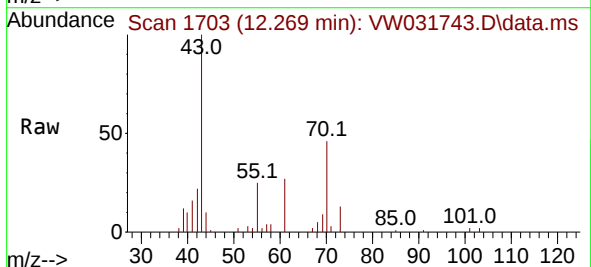
Instrument :
MSVOA_W
ClientSampleId :
MDL1

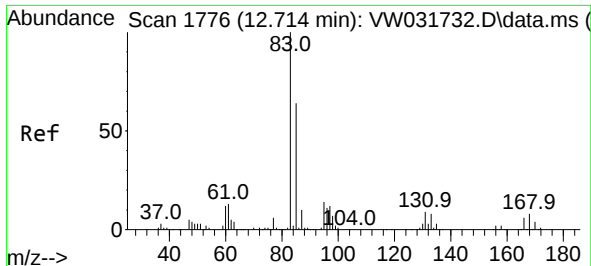
Tgt Ion:105 Resp: 27863
Ion Ratio Lower Upper
105 100
120 25.2 12.8 38.4



#74
N-ethyl acetate
Concen: 2.239 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

Tgt Ion: 43 Resp: 8007
Ion Ratio Lower Upper
43 100
70 40.1 36.0 54.0
55 29.5 20.8 31.2
61 25.5 19.7 29.5

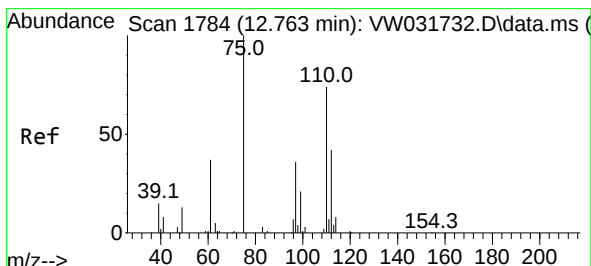
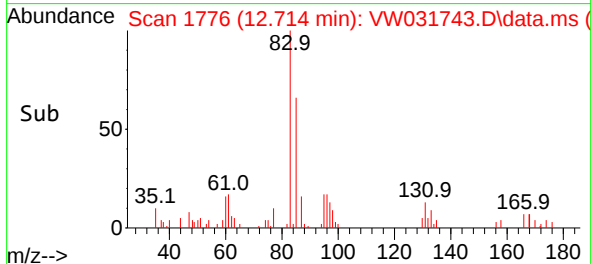
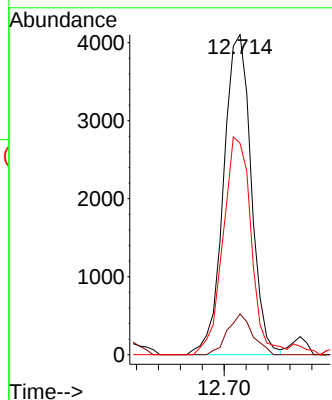
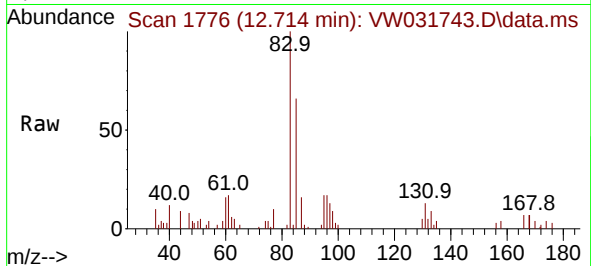




#75
1,1,2-Tetrachloroethane
Concen: 2.434 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

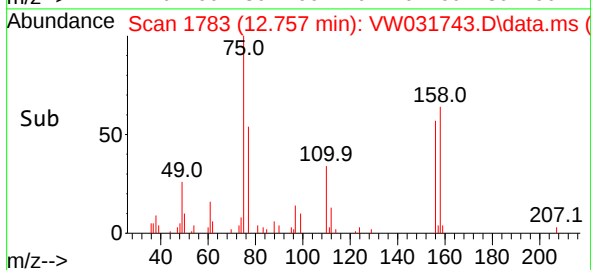
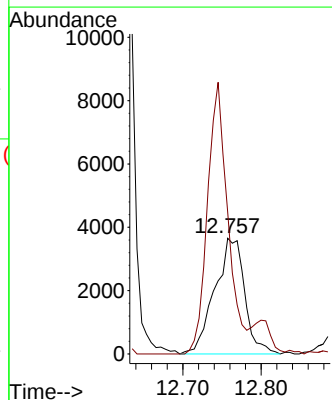
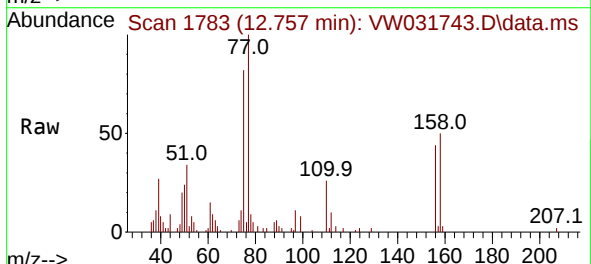
Instrument :
MSVOA_W
ClientSampleId :
MDL1

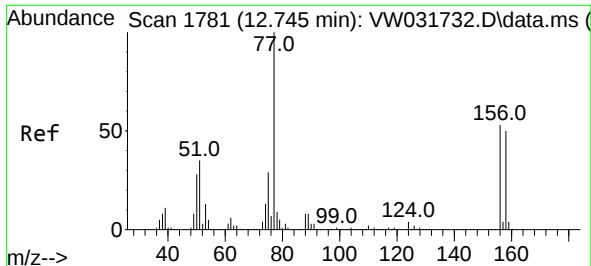
Tgt Ion: 83 Resp: 7170
Ion Ratio Lower Upper
83 100
131 11.6 5.3 16.1
85 69.4 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 4.301 ug/l
RT: 12.757 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

Tgt Ion: 75 Resp: 9693
Ion Ratio Lower Upper
75 100
77 160.0 141.2 423.6

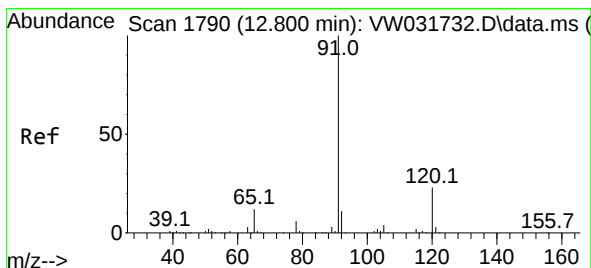
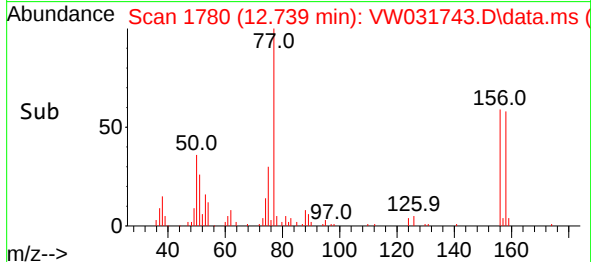
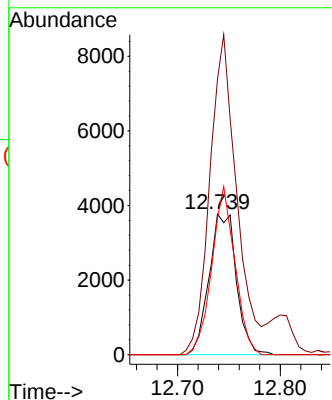
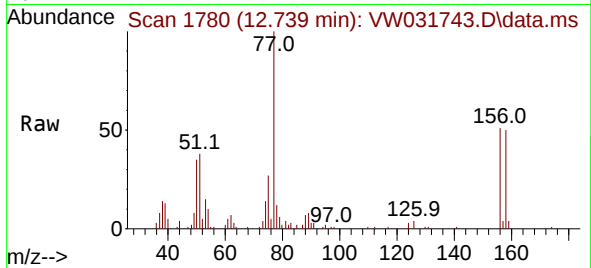




#77
Bromobenzene
Concen: 2.357 ug/l
RT: 12.739 min Scan# 1780
Delta R.T. -0.006 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

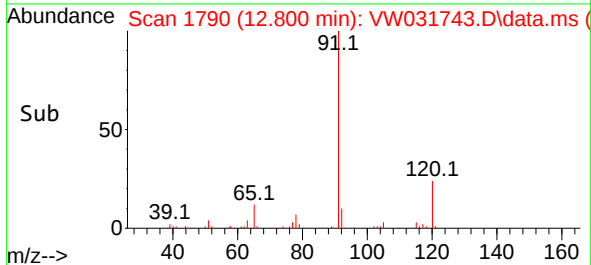
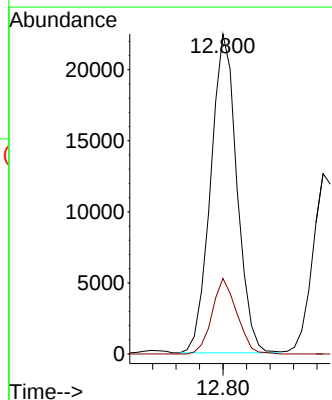
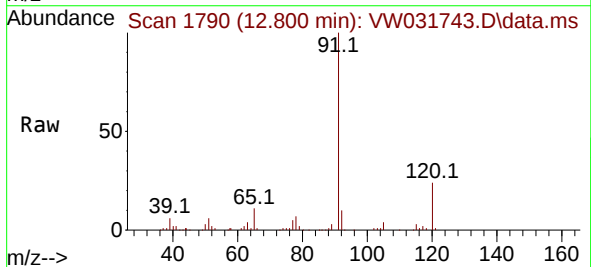
Instrument :
MSVOA_W
ClientSampleId :
MDL1

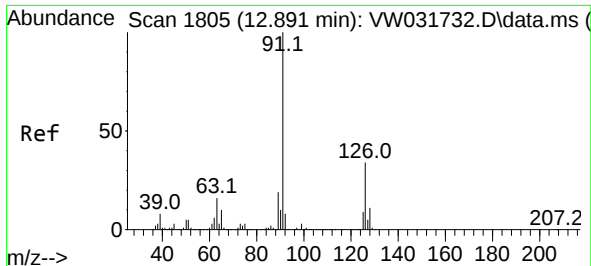
Tgt Ion:156 Resp: 6973
Ion Ratio Lower Upper
156 100
77 222.4 117.9 353.7
158 101.2 52.6 157.8



#78
n-propylbenzene
Concen: 2.197 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

Tgt Ion: 91 Resp: 34899
Ion Ratio Lower Upper
91 100
120 22.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 2.229 ug/l

RT: 12.885 min Scan# 1804

Delta R.T. -0.006 min

Lab File: VW031743.D

Acq: 01 Jul 2025 12:28

Instrument :

MSVOA_W

ClientSampleId :

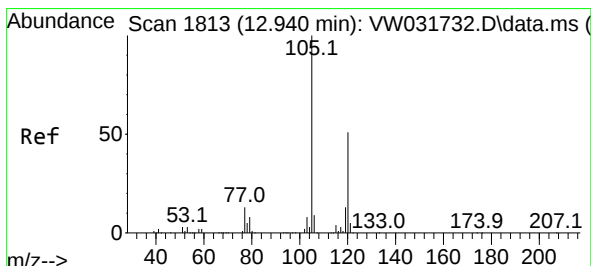
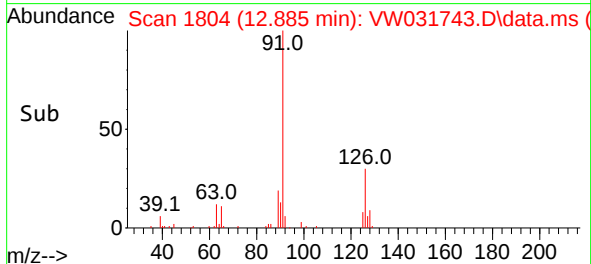
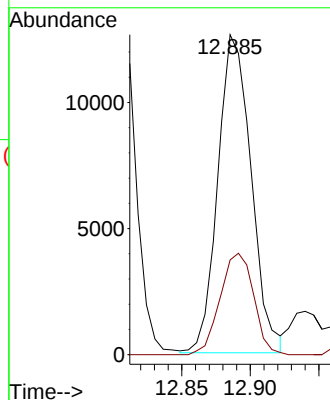
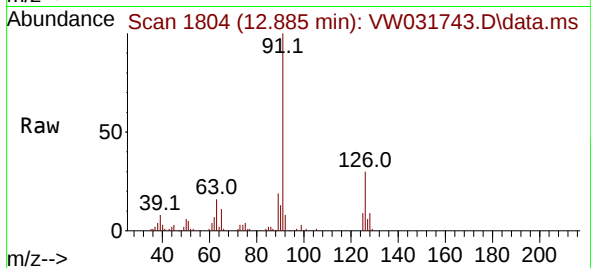
MDL1

Tgt Ion: 91 Resp: 21327

Ion Ratio Lower Upper

91 100

126 32.0 15.8 47.4



#80

1,3,5-Trimethylbenzene

Concen: 2.221 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW031743.D

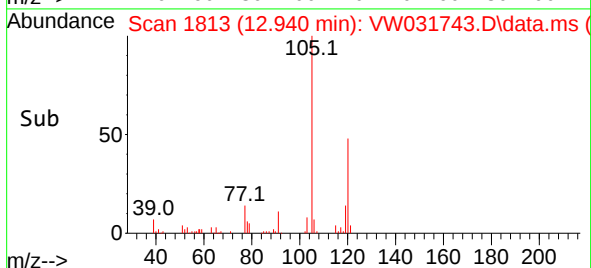
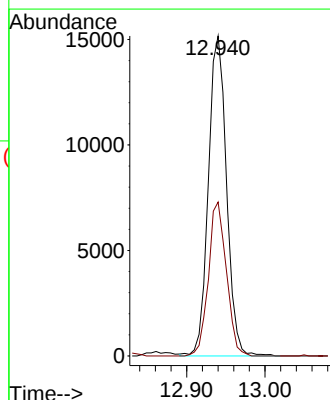
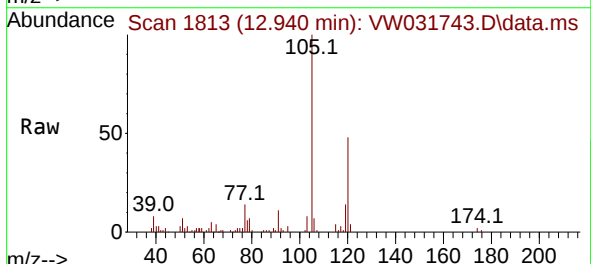
Acq: 01 Jul 2025 12:28

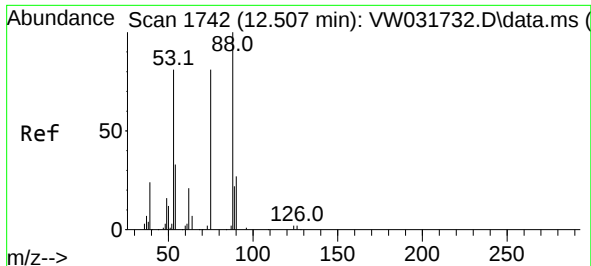
Tgt Ion:105 Resp: 24390

Ion Ratio Lower Upper

105 100

120 47.6 23.8 71.2

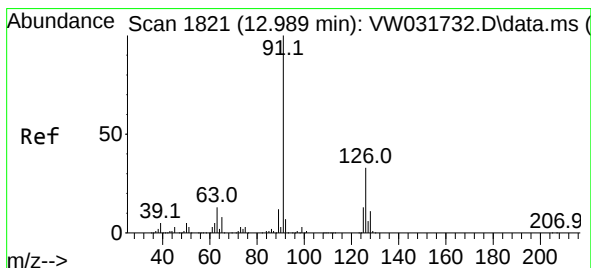
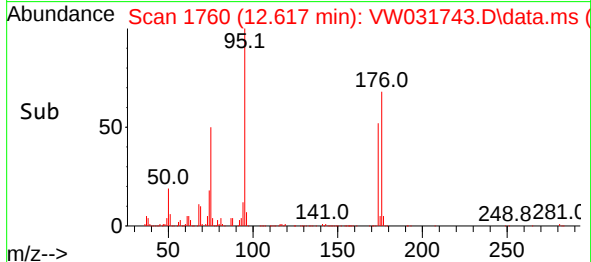
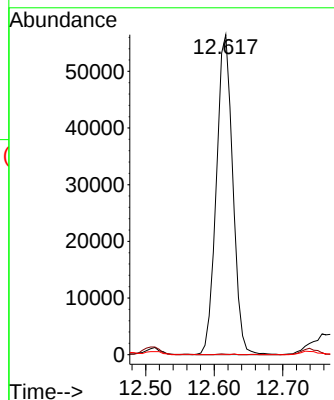
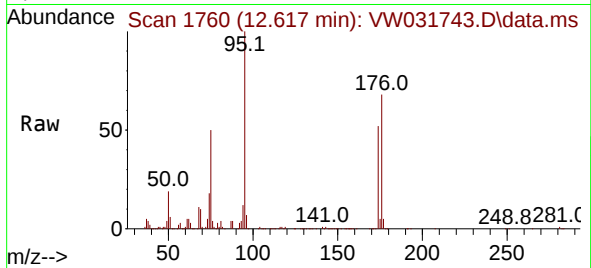




#81
trans-1,4-Dichloro-2-butene
Concen: 97.010 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.110 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

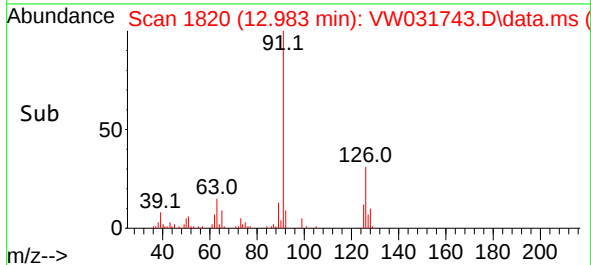
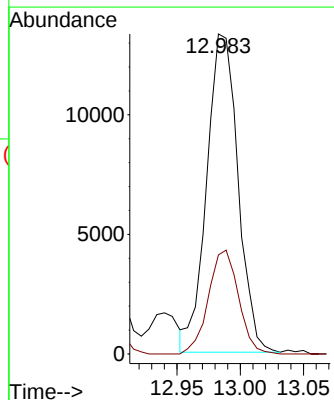
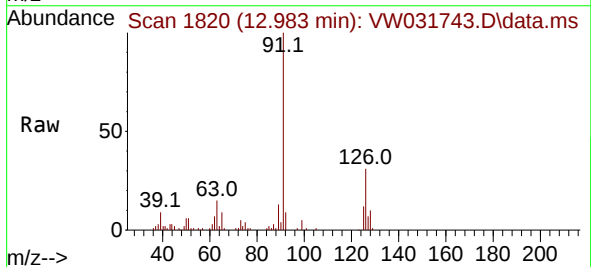
Instrument :
MSVOA_W
ClientSampleId :
MDL1

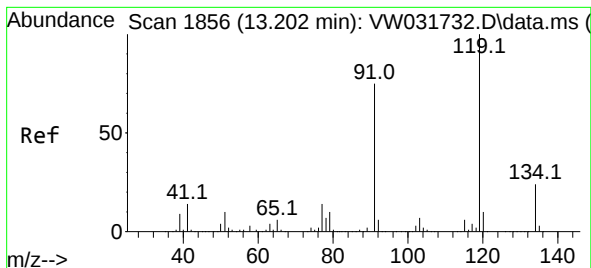
Tgt Ion: 75 Resp: 93875
Ion Ratio Lower Upper
75 100
53 0.2 83.5 125.3#
89 0.0 38.3 57.5#



#82
4-Chlorotoluene
Concen: 2.280 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

Tgt Ion: 91 Resp: 22904
Ion Ratio Lower Upper
91 100
126 31.4 16.0 47.9





#83

tert-Butylbenzene

Concen: 2.135 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VW031743.D

Acq: 01 Jul 2025 12:28

Instrument :

MSVOA_W

ClientSampleId :

MDL1

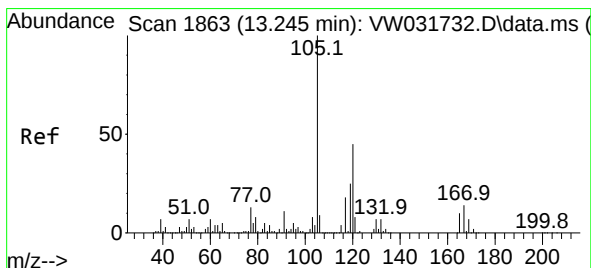
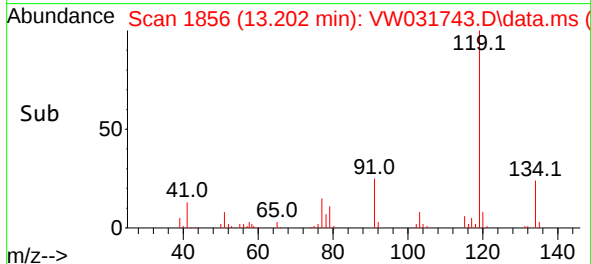
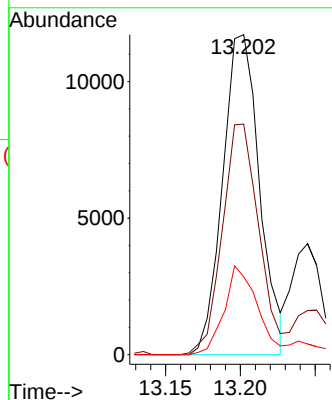
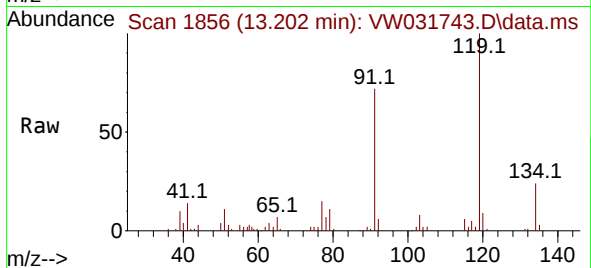
Tgt Ion:119 Resp: 20086

Ion Ratio Lower Upper

119 100

91 70.9 36.0 108.1

134 25.3 12.4 37.2



#84

1,2,4-Trimethylbenzene

Concen: 2.100 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW031743.D

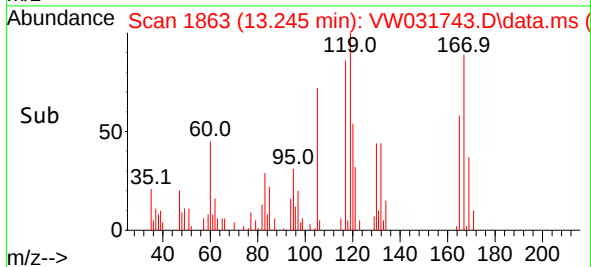
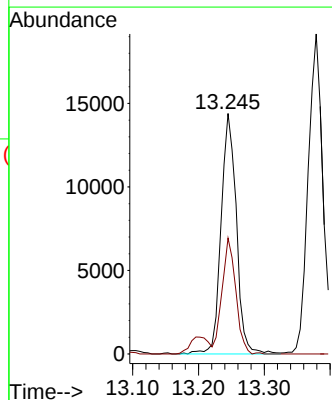
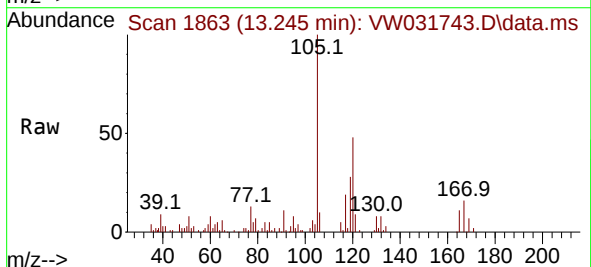
Acq: 01 Jul 2025 12:28

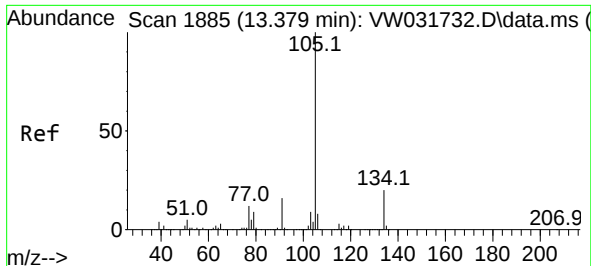
Tgt Ion:105 Resp: 23361

Ion Ratio Lower Upper

105 100

120 43.2 22.1 66.1

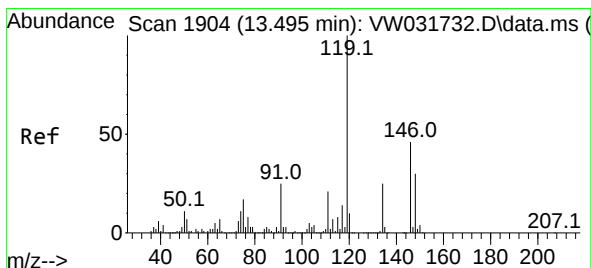
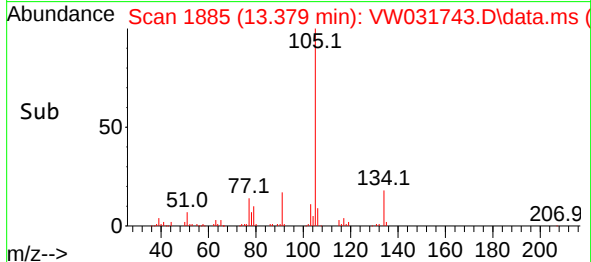
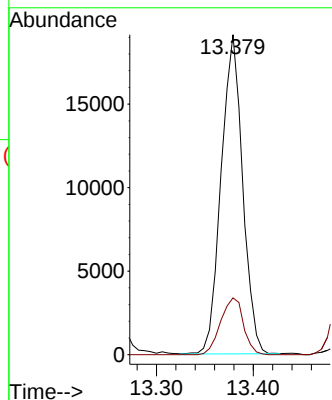
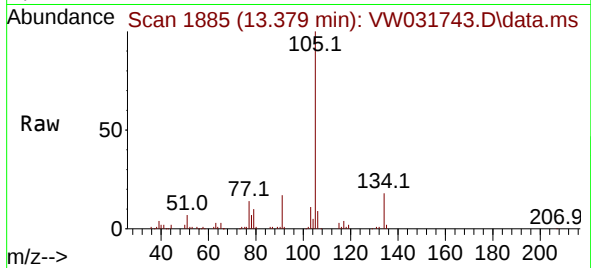




#85
 sec-Butylbenzene
 Concen: 2.088 ug/l
 RT: 13.379 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW031743.D
 Acq: 01 Jul 2025 12:28

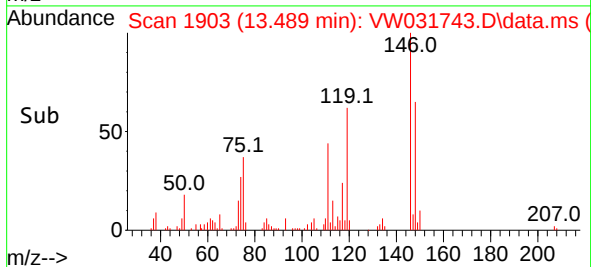
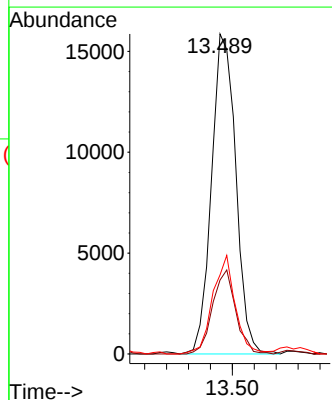
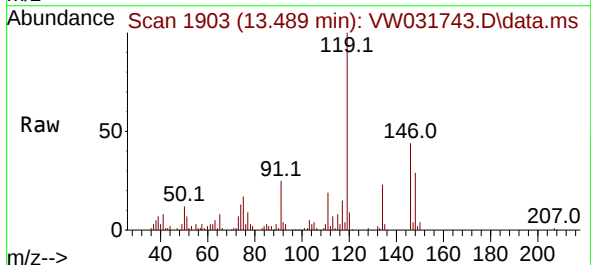
Instrument :
 MSVOA_W
 ClientSampleId :
 MDL1

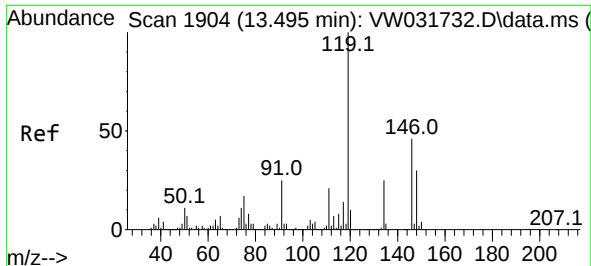
Tgt Ion:105 Resp: 29484
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 2.100 ug/l
 RT: 13.489 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VW031743.D
 Acq: 01 Jul 2025 12:28

Tgt Ion:119 Resp: 24439
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.9 38.7
 91 28.5 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 2.351 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031743.D

Acq: 01 Jul 2025 12:28

Instrument :

MSVOA_W

ClientSampleId :

MDL1

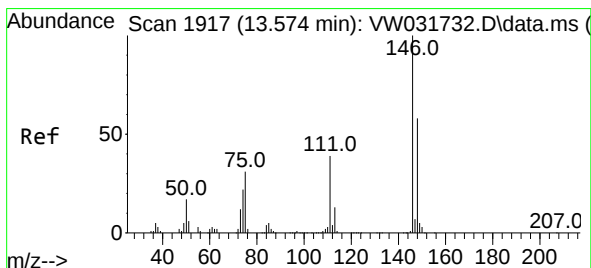
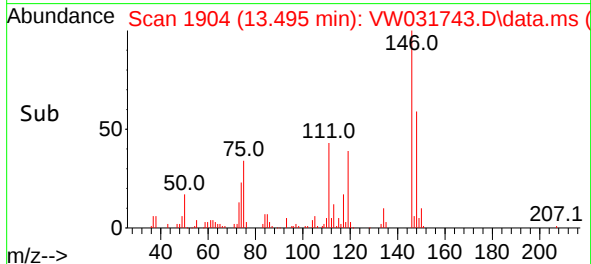
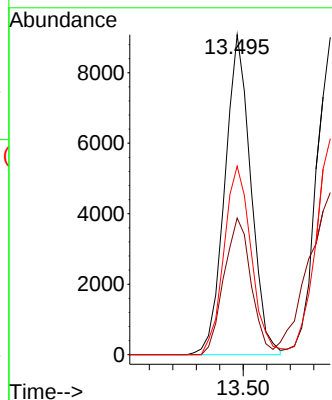
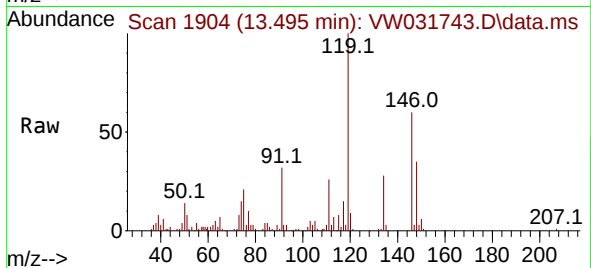
Tgt Ion:146 Resp: 13951

Ion Ratio Lower Upper

146 100

111 44.5 22.3 66.9

148 62.5 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 2.297 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.079 min

Lab File: VW031743.D

Acq: 01 Jul 2025 12:28

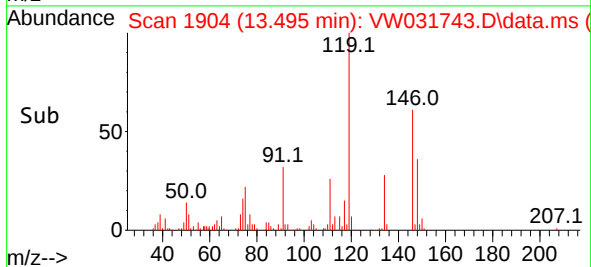
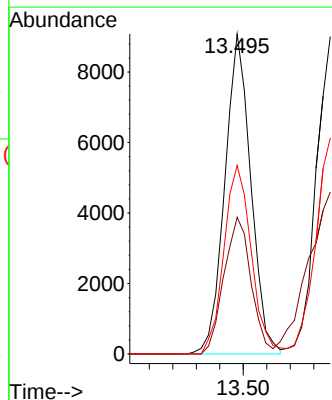
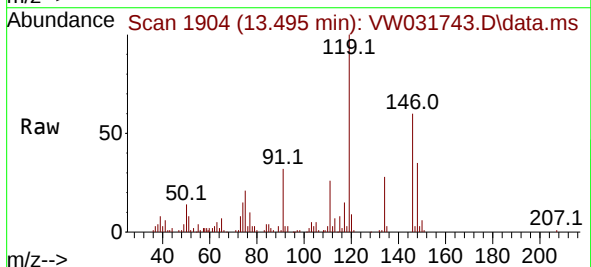
Tgt Ion:146 Resp: 13951

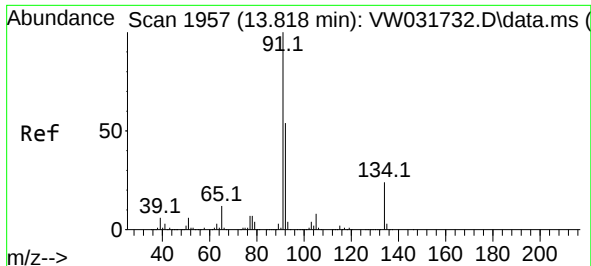
Ion Ratio Lower Upper

146 100

111 44.5 20.4 61.3

148 62.5 30.2 90.6

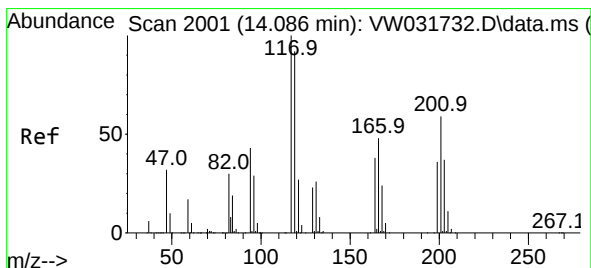
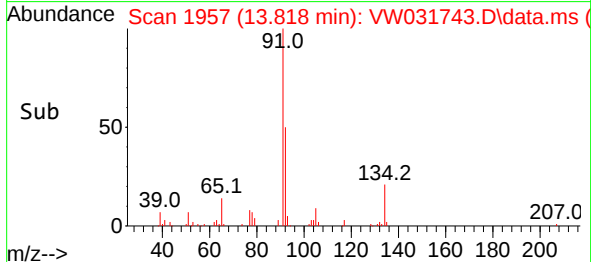
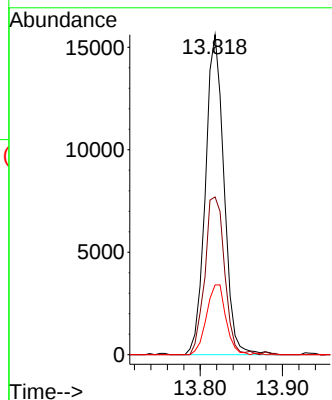
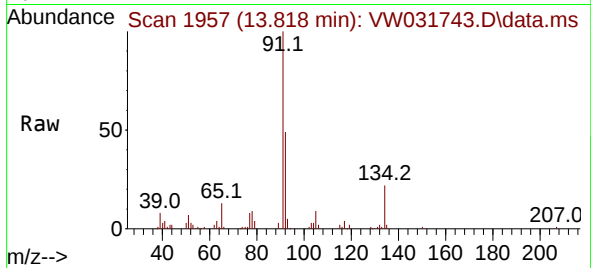




#89
n-Butylbenzene
Concen: 2.168 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

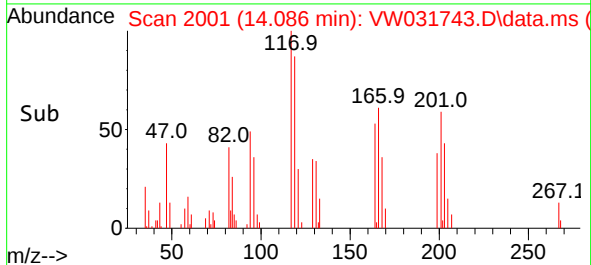
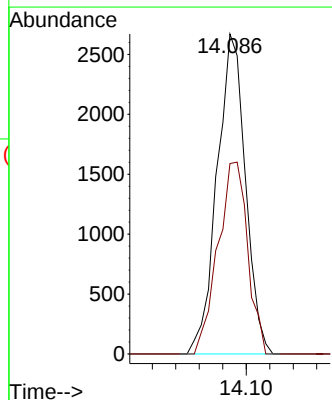
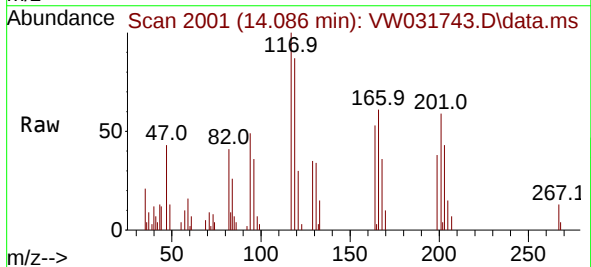
Instrument :
MSVOA_W
ClientSampleId :
MDL1

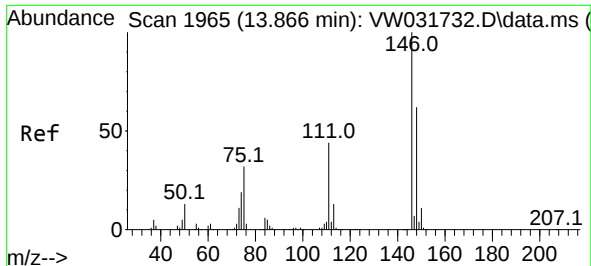
Tgt Ion: 91 Resp: 24510
Ion Ratio Lower Upper
91 100
92 52.2 27.2 81.5
134 22.8 12.2 36.6



#90
Hexachloroethane
Concen: 2.129 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VW031743.D
Acq: 01 Jul 2025 12:28

Tgt Ion: 117 Resp: 4470
Ion Ratio Lower Upper
117 100
201 62.8 31.1 93.3





#91

1,2-Dichlorobenzene

Concen: 2.443 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031743.D

Acq: 01 Jul 2025 12:28

Instrument :

MSVOA_W

ClientSampleId :

MDL1

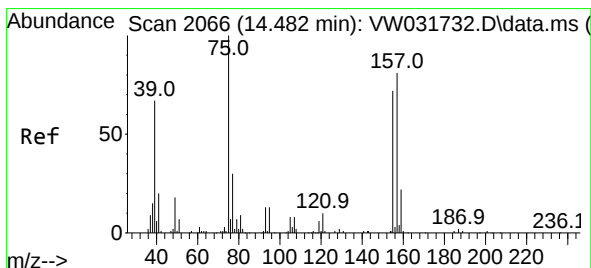
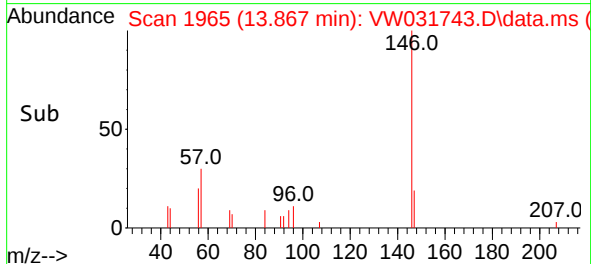
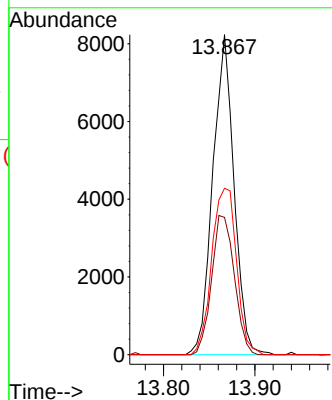
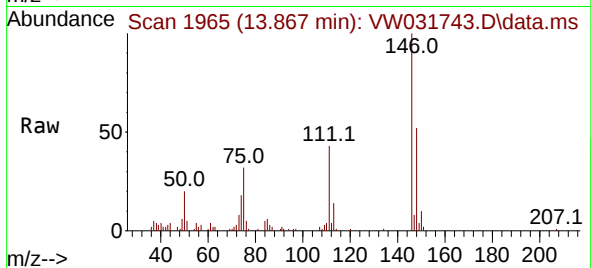
Tgt Ion:146 Resp: 13252

Ion Ratio Lower Upper

146 100

111 46.6 21.7 65.1

148 60.9 29.8 89.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.471 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW031743.D

Acq: 01 Jul 2025 12:28

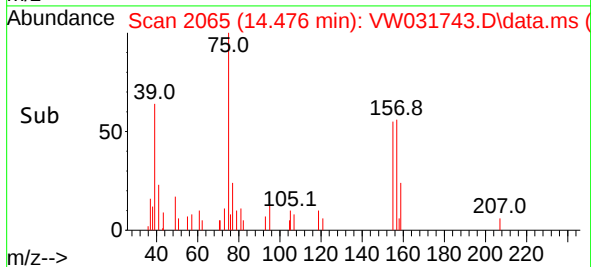
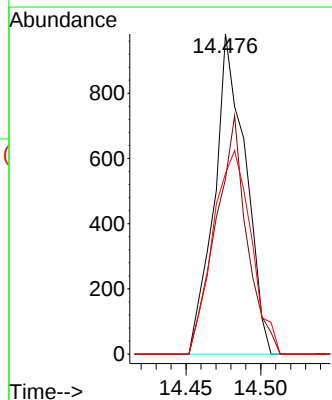
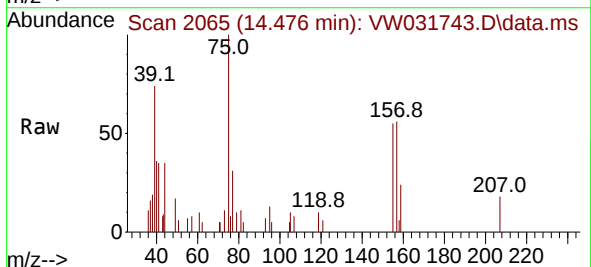
Tgt Ion: 75 Resp: 1421

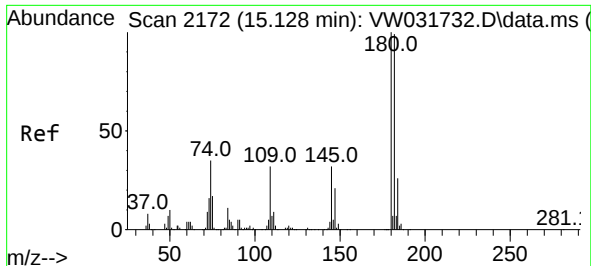
Ion Ratio Lower Upper

75 100

155 74.3 37.2 111.6

157 78.3 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 2.457 ug/l

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW031743.D

Acq: 01 Jul 2025 12:28

Instrument :

MSVOA_W

ClientSampleId :

MDL1

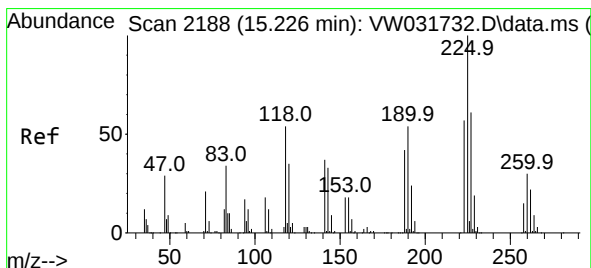
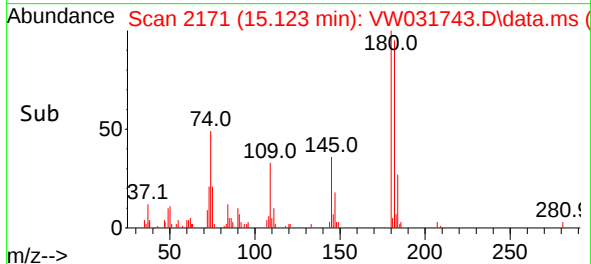
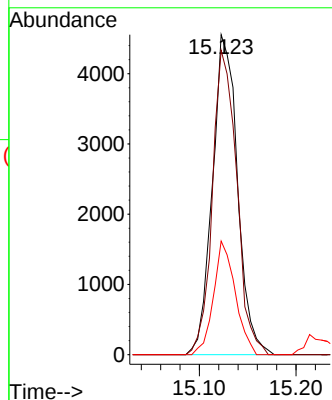
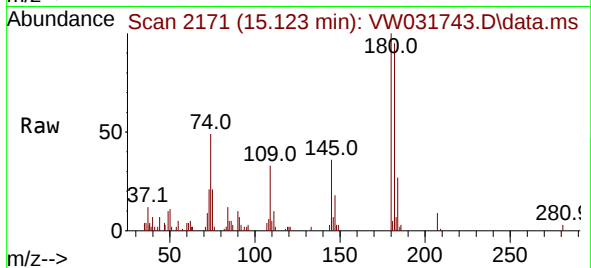
Tgt Ion:180 Resp: 8218

Ion Ratio Lower Upper

180 100

182 92.1 48.6 145.9

145 30.8 17.3 51.7



#94

Hexachlorobutadiene

Concen: 2.316 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW031743.D

Acq: 01 Jul 2025 12:28

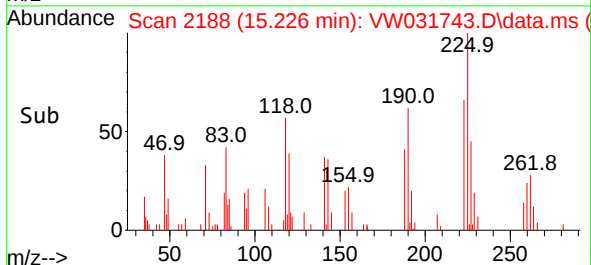
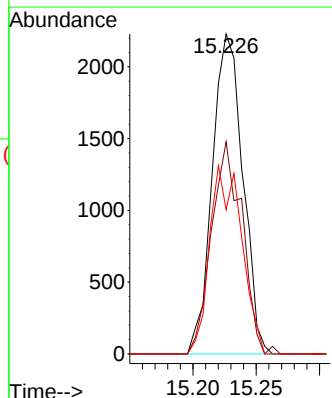
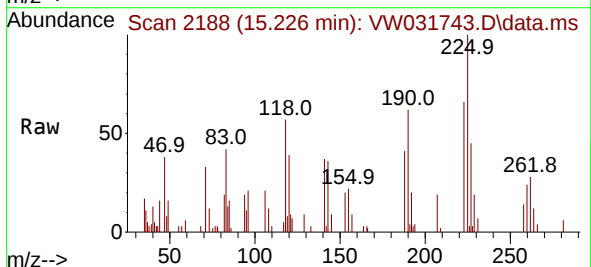
Tgt Ion:225 Resp: 3740

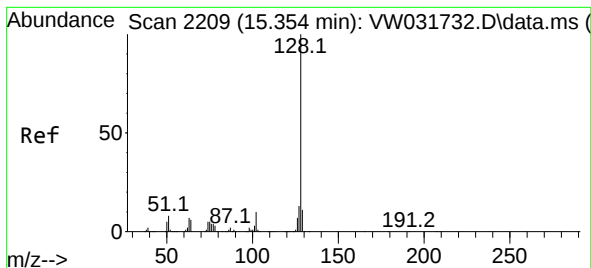
Ion Ratio Lower Upper

225 100

223 66.3 32.6 97.8

227 61.3 37.3 111.8





#95

Naphthalene

Concen: 2.143 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031743.D

Acq: 01 Jul 2025 12:28

Instrument :

MSVOA_W

ClientSampleId :

MDL1

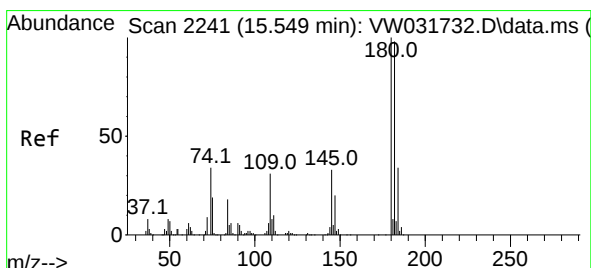
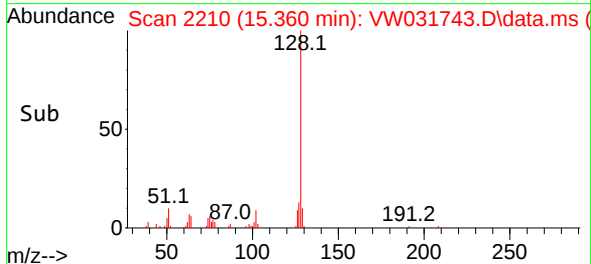
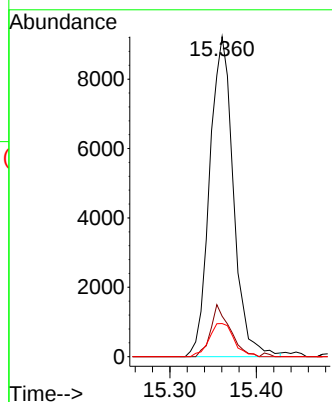
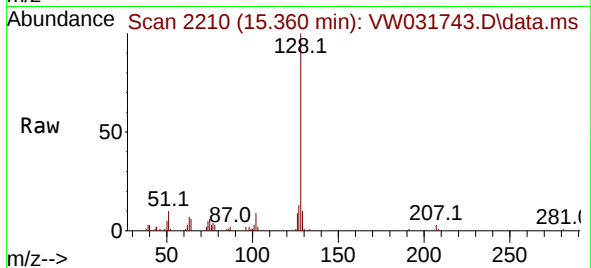
Tgt Ion:128 Resp: 17570

Ion Ratio Lower Upper

128 100

127 13.2 10.8 16.2

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 2.157 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031743.D

Acq: 01 Jul 2025 12:28

Tgt Ion:180 Resp: 6629

Ion Ratio Lower Upper

180 100

182 99.1 46.4 139.1

145 37.0 17.8 53.3

