

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112625\
 Data File : VW032559.D
 Acq On : 26 Nov 2025 20:52
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 27 00:33:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	333540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	637747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	571551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	274067	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	251209	58.419	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 116.840%	
35) Dibromofluoromethane	7.898	113	205202	53.741	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 107.480%	
50) Toluene-d8	10.325	98	760329	51.905	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 103.820%	
62) 4-Bromofluorobenzene	12.617	95	287243	51.909	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 103.820%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.046	85	88540	52.321	ug/l	94
3) Chloromethane	2.259	50	164740	56.795	ug/l	100
4) Vinyl Chloride	2.405	62	195353	53.364	ug/l	99
5) Bromomethane	2.826	94	138849	56.702	ug/l	97
6) Chloroethane	2.972	64	137173	57.274	ug/l	96
7) Trichlorofluoromethane	3.302	101	147341	51.336	ug/l	97
8) Diethyl Ether	3.722	74	133057	56.703	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.106	101	169564	54.234	ug/l	97
10) Methyl Iodide	4.314	142	265281	52.681	ug/l	97
11) Tert butyl alcohol	5.210	59	83039	223.324	ug/l	99
12) 1,1-Dichloroethene	4.082	96	194658	54.297	ug/l	91
13) Acrolein	3.929	56	58514	93.793	ug/l	98
14) Allyl chloride	4.704	41	377084	54.695	ug/l	96
15) Acrylonitrile	5.405	53	366338	270.010	ug/l	99
16) Acetone	4.161	43	301871	234.647	ug/l	99
17) Carbon Disulfide	4.423	76	541630	51.116	ug/l	97
18) Methyl Acetate	4.710	43	218970	68.733	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	415966	55.043	ug/l	100
20) Methylene Chloride	4.954	84	250629	54.475	ug/l	96
21) trans-1,2-Dichloroethene	5.460	96	230321	56.185	ug/l	95
22) Diisopropyl ether	6.338	45	826659	58.891	ug/l	99
23) Vinyl Acetate	6.283	43	2529989	263.069	ug/l	98
24) 1,1-Dichloroethane	6.246	63	464499	60.398	ug/l	100
25) 2-Butanone	7.191	43	480249	253.386	ug/l	96
26) 2,2-Dichloropropane	7.185	77	207568	48.428	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	275895	56.326	ug/l	96
28) Bromochloromethane	7.532	49	204088	56.147	ug/l	93
29) Tetrahydrofuran	7.551	42	327919	272.590	ug/l	97
30) Chloroform	7.691	83	460474	61.162	ug/l	99
31) Cyclohexane	7.971	56	354840	49.879	ug/l	97
32) 1,1,1-Trichloroethane	7.892	97	309825	57.606	ug/l	97
36) 1,1-Dichloropropene	8.093	75	306477	54.476	ug/l	98
37) Ethyl Acetate	7.276	43	214117	51.182	ug/l	99
38) Carbon Tetrachloride	8.087	117	274640	54.940	ug/l	97
39) Methylcyclohexane	9.343	83	363856	49.924	ug/l	94
40) Benzene	8.337	78	998770	55.127	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	121575	52.903	ug/l	97
42) 1,2-Dichloroethane	8.410	62	313756	58.958	ug/l	98
43) Isopropyl Acetate	8.435	43	388202	52.406	ug/l	99
44) Trichloroethene	9.099	130	211575	50.186	ug/l	98
45) 1,2-Dichloropropane	9.374	63	254898	56.502	ug/l	97
46) Dibromomethane	9.465	93	145684	55.262	ug/l	99
47) Bromodichloromethane	9.654	83	342880	57.018	ug/l	96
48) Methyl methacrylate	9.441	41	185884	52.808	ug/l	97
49) 1,4-Dioxane	9.465	88	36728	994.513	ug/l #	97
51) 4-Methyl-2-Pentanone	10.215	43	1106067	270.097	ug/l	98
52) Toluene	10.392	92	615066	54.961	ug/l	100
53) t-1,3-Dichloropropene	10.605	75	333165	53.795	ug/l	99
54) cis-1,3-Dichloropropene	10.075	75	387212	54.065	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	195802	54.141	ug/l	95
56) Ethyl methacrylate	10.648	69	294448	53.063	ug/l	95
57) 1,3-Dichloropropane	10.934	76	358593	55.516	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	793180	268.412	ug/l	100
59) 2-Hexanone	10.971	43	762191	254.394	ug/l	98
60) Dibromochloromethane	11.129	129	221260	54.785	ug/l	100
61) 1,2-Dibromoethane	11.239	107	189927	53.920	ug/l	100
64) Tetrachloroethene	10.867	164	213336	63.031	ug/l	91
65) Chlorobenzene	11.654	112	665388	54.014	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.727	131	204111	53.537	ug/l	97
67) Ethyl Benzene	11.727	91	1168132	54.802	ug/l	99
68) m/p-Xylenes	11.837	106	893532	111.649	ug/l	99
69) o-Xylene	12.166	106	417226	54.447	ug/l	99
70) Styrene	12.178	104	738726	56.040	ug/l	99
71) Bromoform	12.349	173	112805	49.954	ug/l #	99
73) Isopropylbenzene	12.465	105	1037919	51.565	ug/l	97
74) N-amyl acetate	12.269	43	346532	49.544	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	249862	52.306	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	309563	82.376	ug/l	36
77) Bromobenzene	12.745	156	246791	51.785	ug/l	96
78) n-propylbenzene	12.800	91	1288867	52.580	ug/l	99
79) 2-Chlorotoluene	12.891	91	805630	53.838	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	872423	52.537	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.507	75	73845	45.008	ug/l	92
82) 4-Chlorotoluene	12.983	91	836869	53.770	ug/l	97
83) tert-Butylbenzene	13.202	119	738265	51.107	ug/l	96
84) 1,2,4-Trimethylbenzene	13.245	105	902329	53.424	ug/l	99
85) sec-Butylbenzene	13.379	105	1113246	51.746	ug/l	98
86) p-Isopropyltoluene	13.495	119	880353	49.561	ug/l	98
87) 1,3-Dichlorobenzene	13.495	146	492650	54.523	ug/l	96
88) 1,4-Dichlorobenzene	13.574	146	483652	52.247	ug/l	99
89) n-Butylbenzene	13.818	91	901069	51.923	ug/l	99
90) Hexachloroethane	14.086	117	159415	49.776	ug/l	96
91) 1,2-Dichlorobenzene	13.861	146	426985	51.477	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.476	75	39608	48.130	ug/l	99
93) 1,2,4-Trichlorobenzene	15.129	180	264377	50.086	ug/l	94
94) Hexachlorobutadiene	15.232	225	113583	51.802	ug/l	97
95) Naphthalene	15.360	128	644536	48.967	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	235143	49.068	ug/l	96

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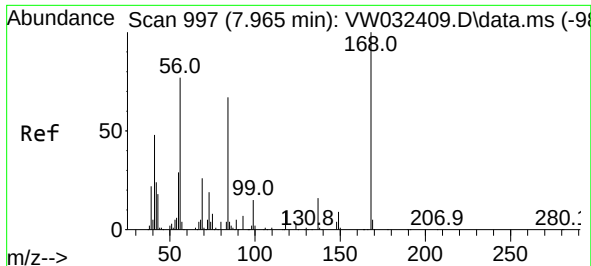
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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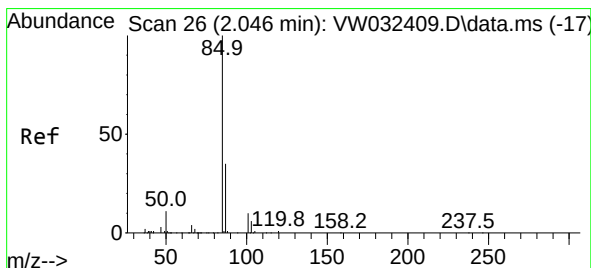
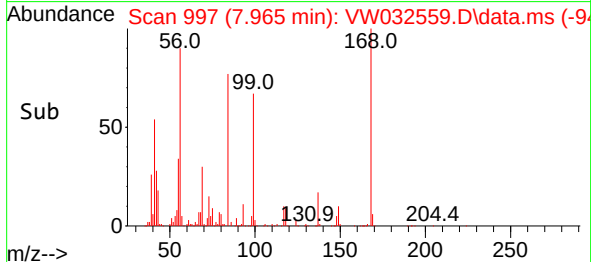
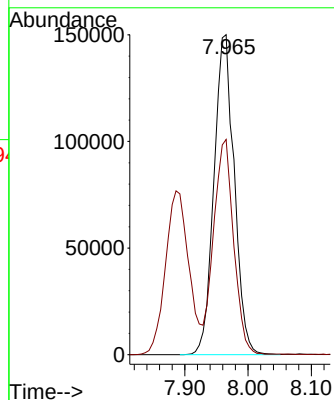
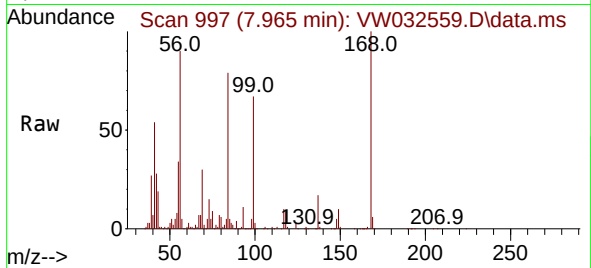




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
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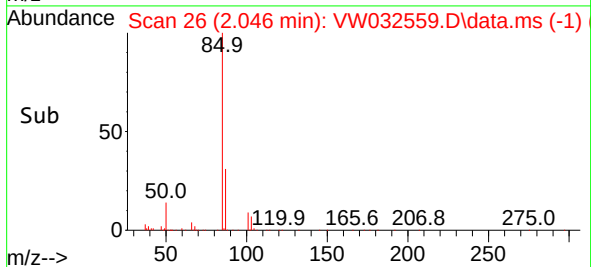
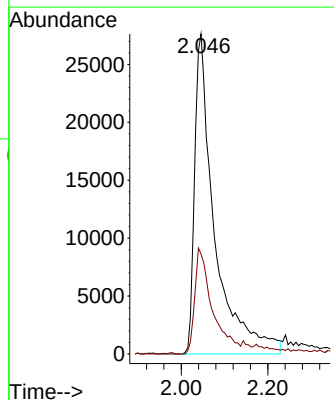
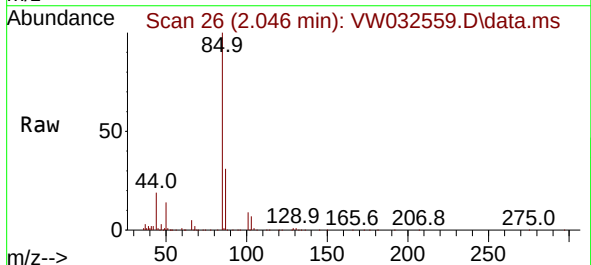
Instrument :
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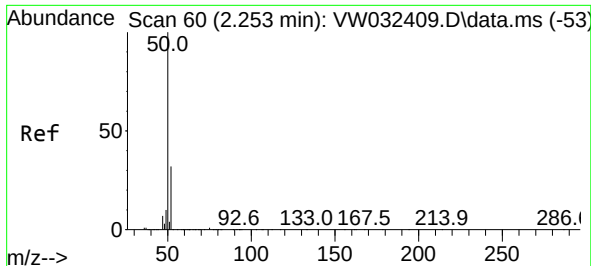
Tgt Ion:168 Resp: 333540
Ion Ratio Lower Upper
168 100
99 67.1 45.4 68.2



#2
Dichlorodifluoromethane
Concen: 52.321 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

Tgt Ion: 85 Resp: 88540
Ion Ratio Lower Upper
85 100
87 31.2 17.4 52.2

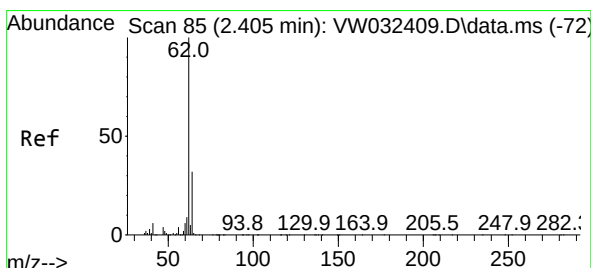
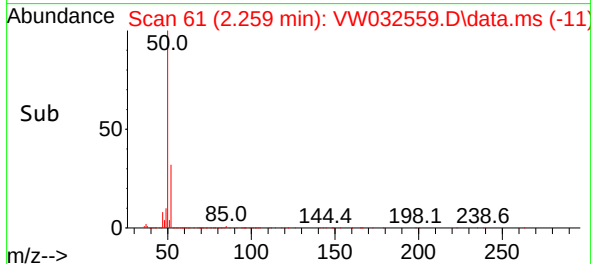
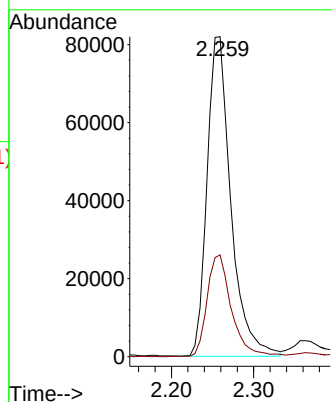
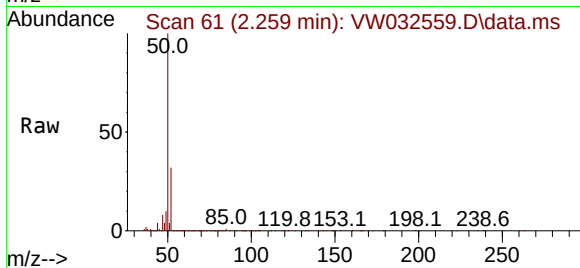




#3
Chloromethane
Concen: 56.795 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

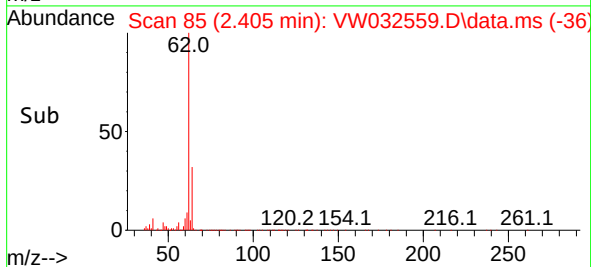
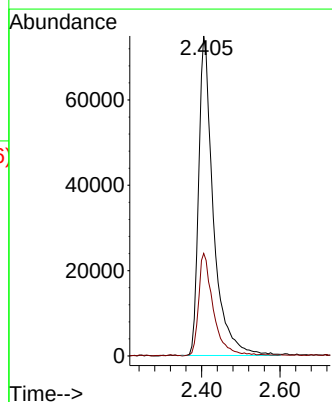
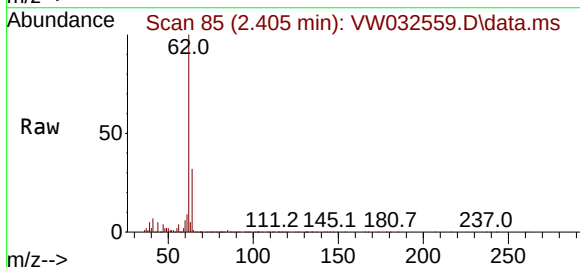
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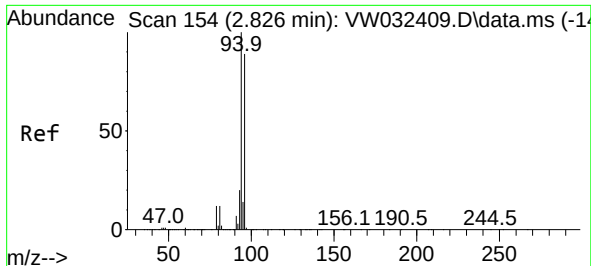
Tgt Ion: 50 Resp: 164740
Ion Ratio Lower Upper
50 100
52 31.7 25.5 38.3



#4
Vinyl Chloride
Concen: 53.364 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

Tgt Ion: 62 Resp: 195353
Ion Ratio Lower Upper
62 100
64 31.9 25.2 37.8

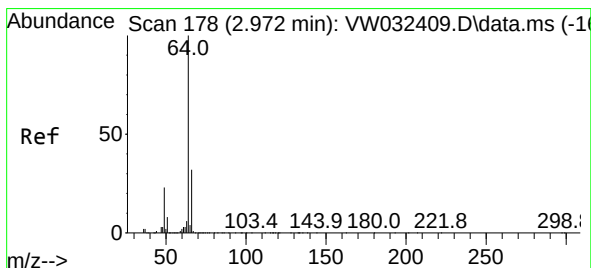
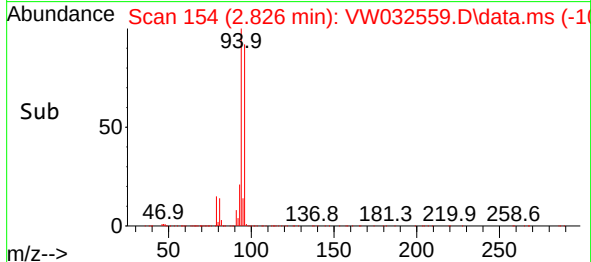
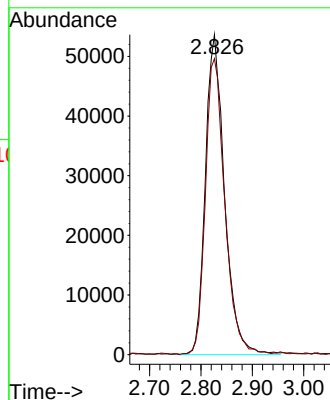
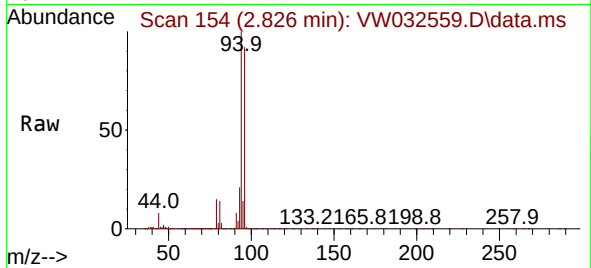




#5
Bromomethane
Concen: 56.702 ug/l
RT: 2.826 min Scan# 154
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

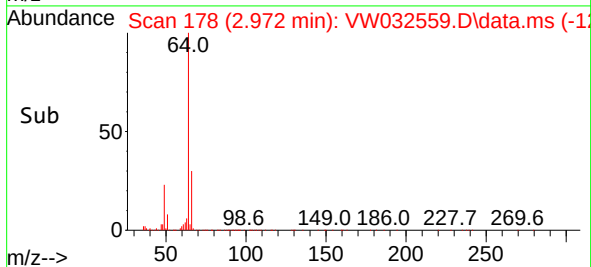
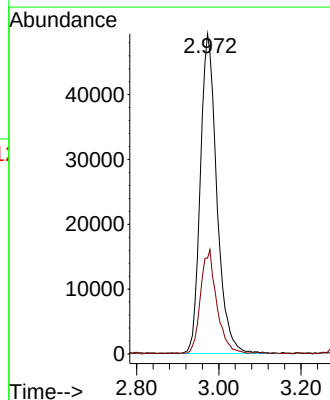
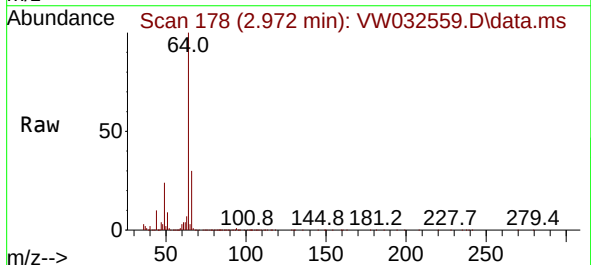
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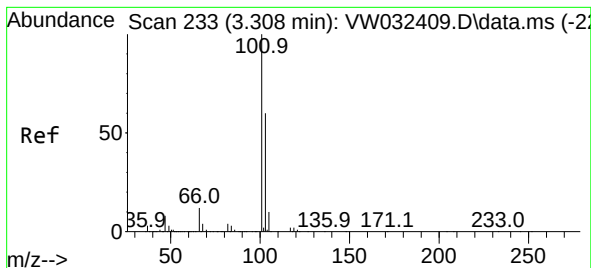
Tgt Ion: 94 Resp: 138849
Ion Ratio Lower Upper
94 100
96 92.3 71.4 107.2



#6
Chloroethane
Concen: 57.274 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

Tgt Ion: 64 Resp: 137173
Ion Ratio Lower Upper
64 100
66 29.9 25.6 38.4





#7

Trichlorofluoromethane

Concen: 51.336 ug/l

RT: 3.302 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW032559.D

Acq: 26 Nov 2025 20:52

Instrument :

MSVOA_W

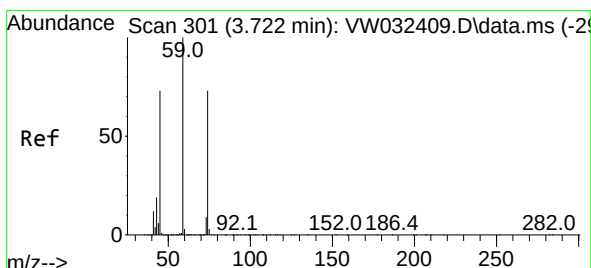
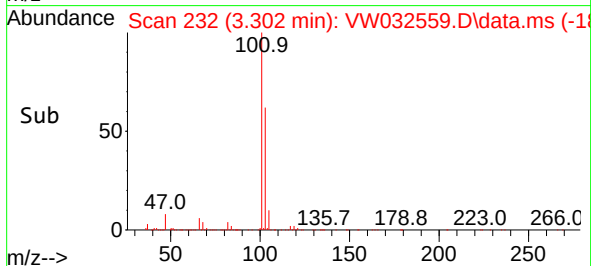
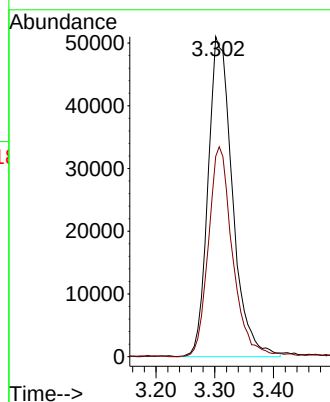
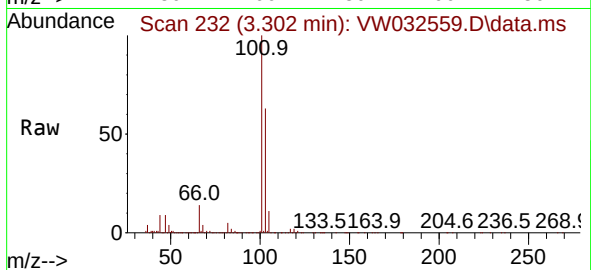
ClientSampleId :

Tgt Ion:101 Resp: 147341

Ion Ratio Lower Upper

101 100

103 62.5 48.0 72.0



#8

Diethyl Ether

Concen: 56.703 ug/l

RT: 3.722 min Scan# 301

Delta R.T. 0.000 min

Lab File: VW032559.D

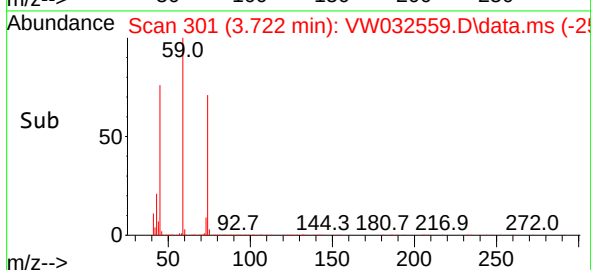
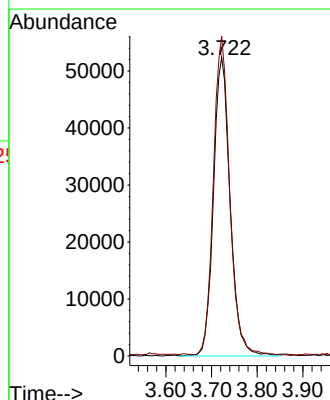
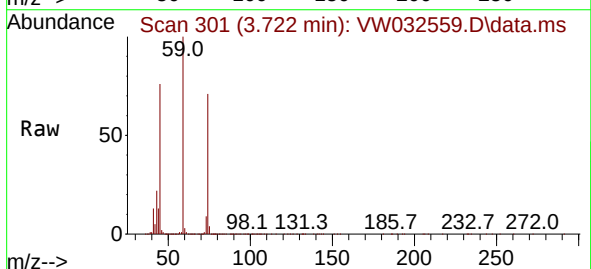
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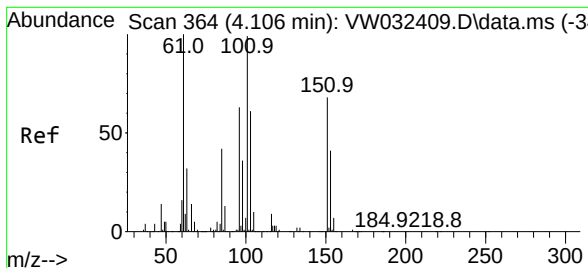
Tgt Ion: 74 Resp: 133057

Ion Ratio Lower Upper

74 100

45 103.6 51.8 155.4

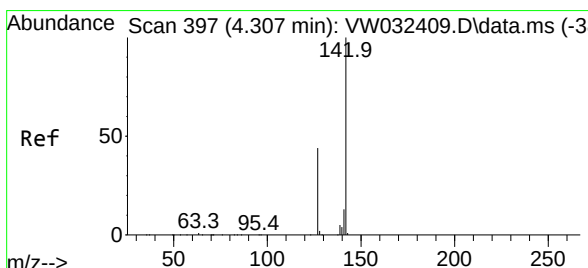
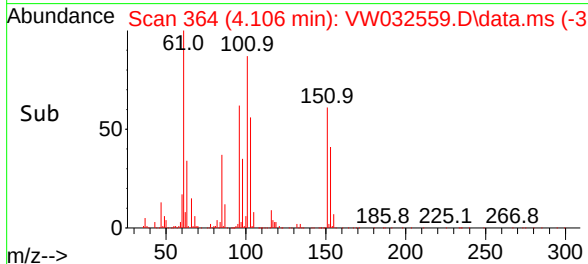
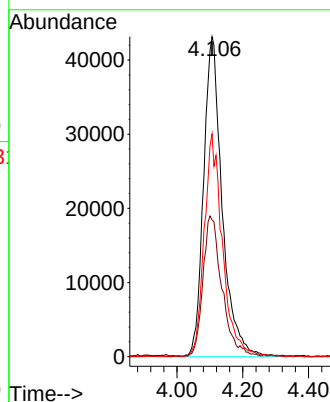
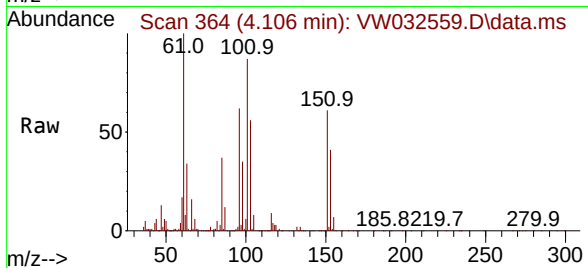




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 54.234 ug/l
 RT: 4.106 min Scan# 30
 Delta R.T. 0.000 min
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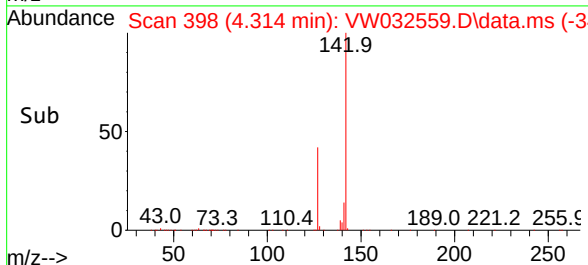
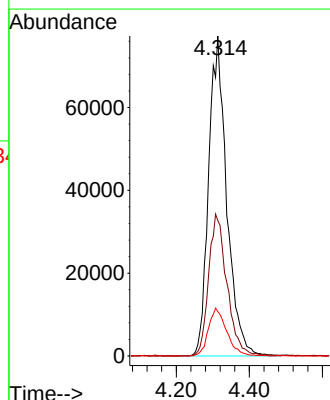
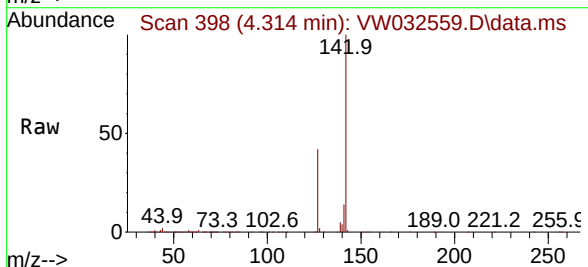
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 ClientSampleId :

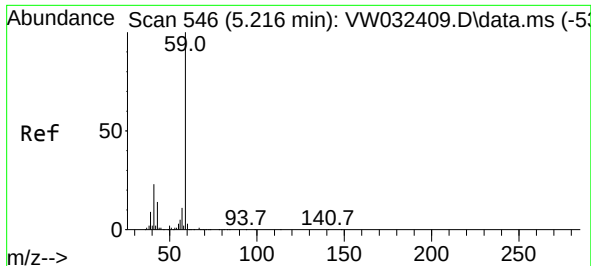
Tgt Ion:101 Resp: 169564
 Ion Ratio Lower Upper
 101 100
 85 45.0 34.1 51.1
 151 68.7 56.4 84.6



#10
 Methyl Iodide
 Concen: 52.681 ug/l
 RT: 4.314 min Scan# 398
 Delta R.T. 0.006 min
 Lab File: VW032559.D
 Acq: 26 Nov 2025 20:52

Tgt Ion:142 Resp: 265281
 Ion Ratio Lower Upper
 142 100
 127 44.9 34.2 51.2
 141 15.1 11.8 17.8

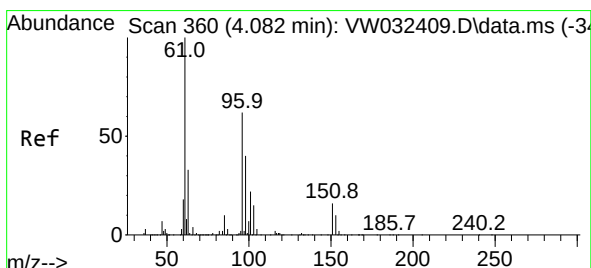
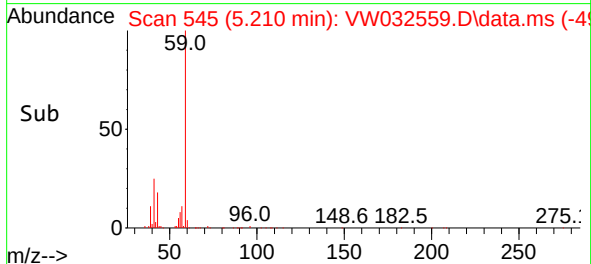
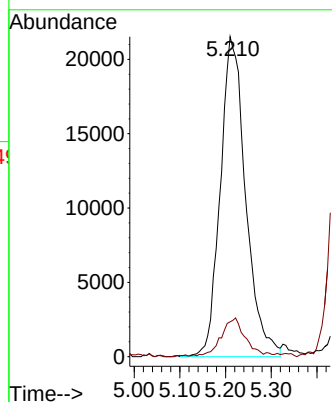
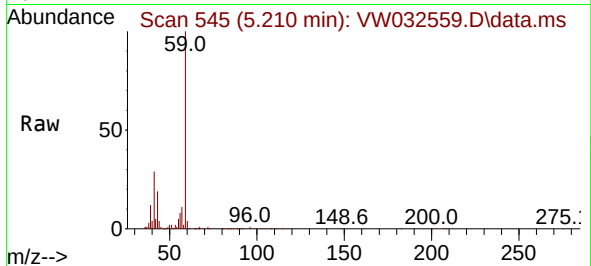




#11
Tert butyl alcohol
Concen: 223.324 ug/l
RT: 5.210 min Scan# 546
Delta R.T. -0.006 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

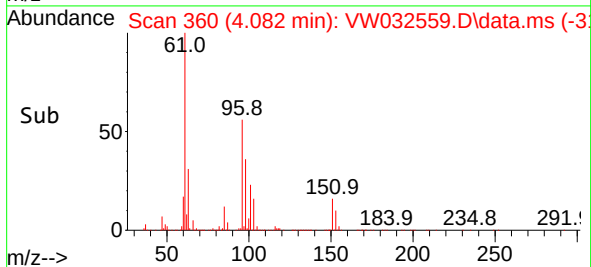
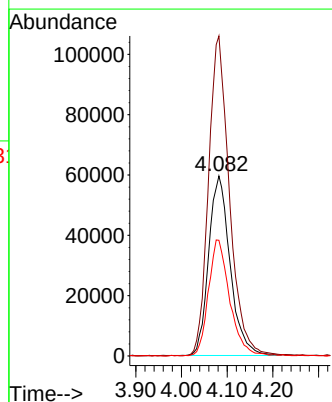
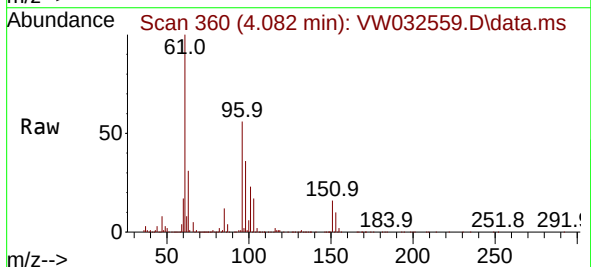
Instrument :
MSVOA_W
ClientSampleId :

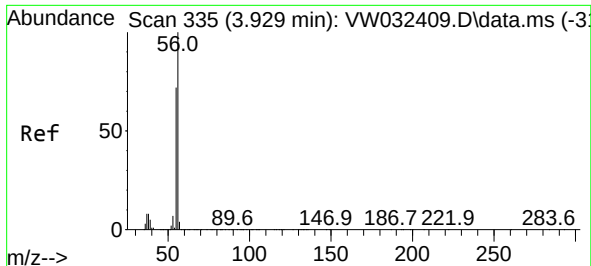
Tgt Ion: 59 Resp: 83039
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8



#12
1,1-Dichloroethene
Concen: 54.297 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

Tgt Ion: 96 Resp: 194658
Ion Ratio Lower Upper
96 100
61 178.0 129.0 193.6
98 64.3 51.1 76.7

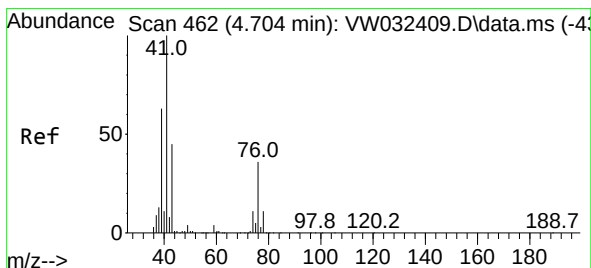
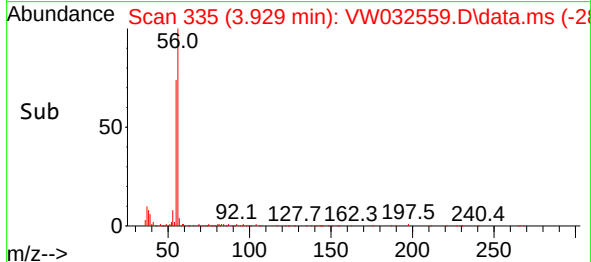
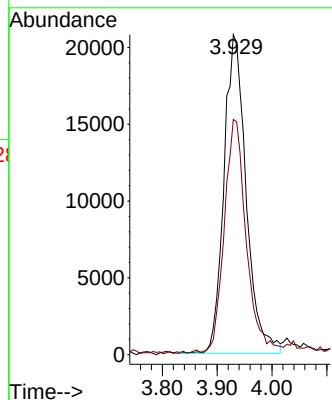
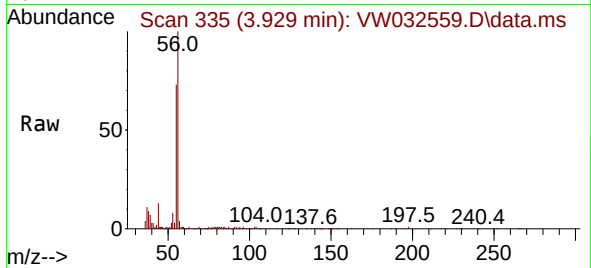




#13
Acrolein
Concen: 93.793 ug/l
RT: 3.929 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

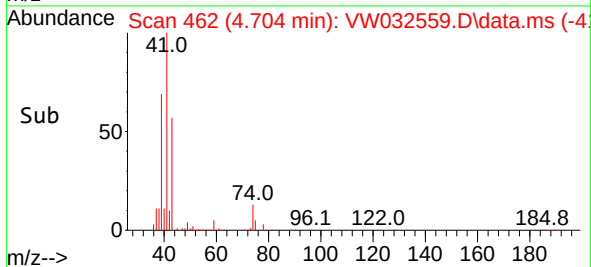
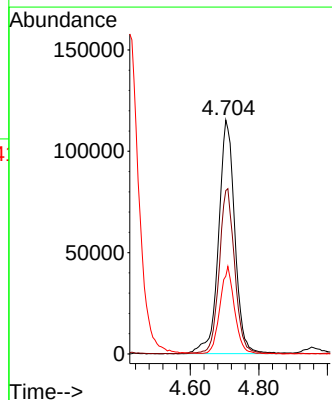
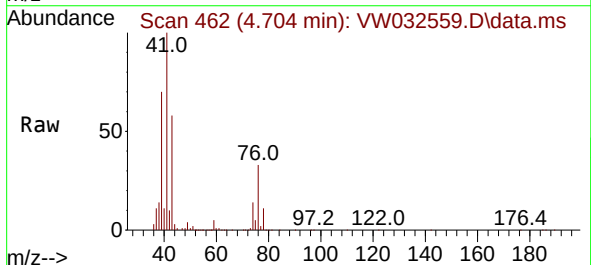
Instrument :
MSVOA_W
ClientSampleId :

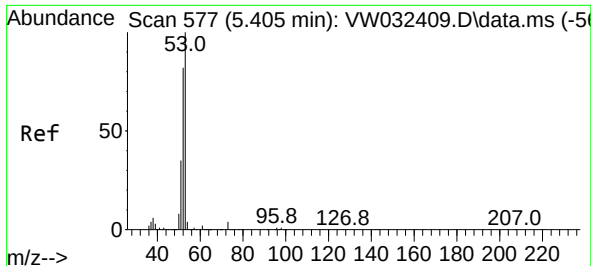
Tgt Ion: 56 Resp: 58514
Ion Ratio Lower Upper
56 100
55 72.0 56.3 84.5



#14
Allyl chloride
Concen: 54.695 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

Tgt Ion: 41 Resp: 377084
Ion Ratio Lower Upper
41 100
39 67.3 50.2 75.2
76 33.1 27.0 40.6

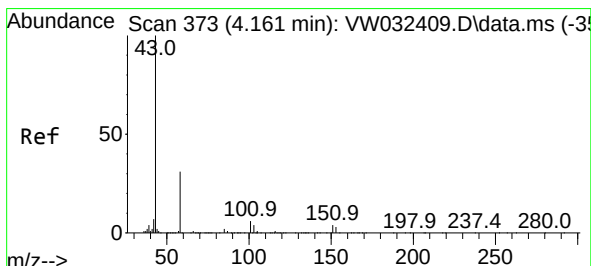
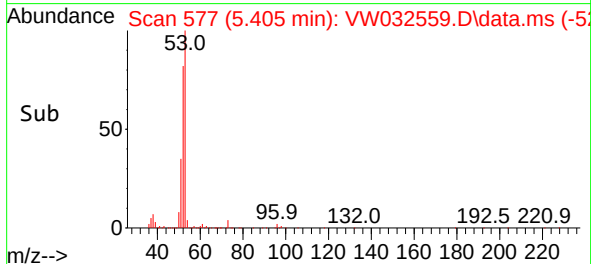
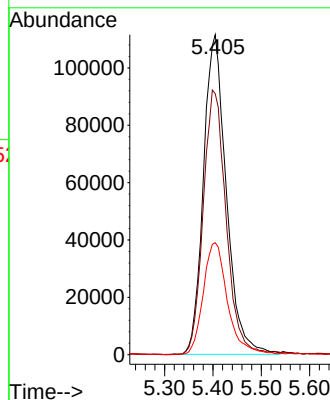
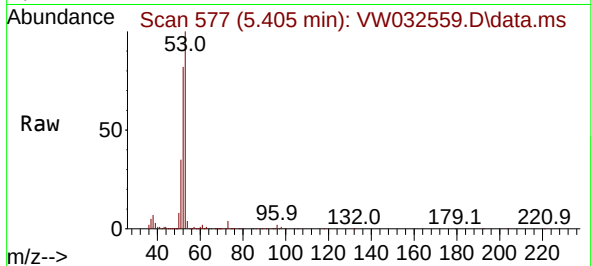




#15
Acrylonitrile
Concen: 270.010 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

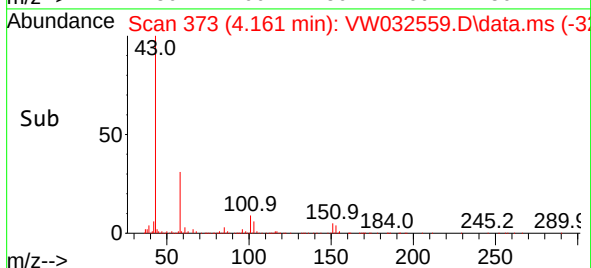
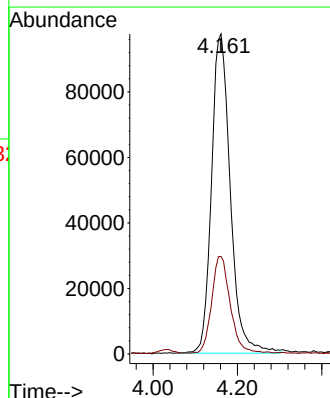
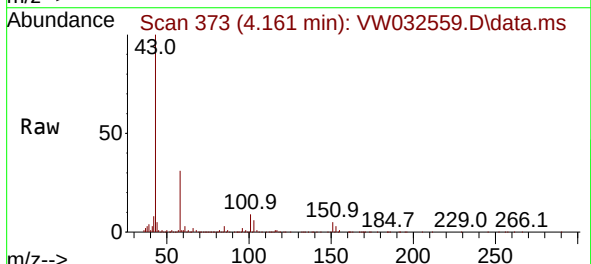
Instrument :
MSVOA_W
ClientSampleId :

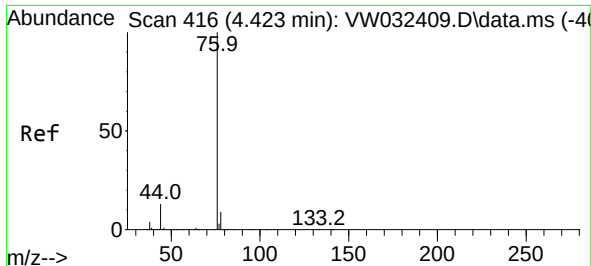
Tgt Ion: 53 Resp: 366338
Ion Ratio Lower Upper
53 100
52 83.2 66.4 99.6
51 37.2 28.6 43.0



#16
Acetone
Concen: 234.647 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

Tgt Ion: 43 Resp: 301871
Ion Ratio Lower Upper
43 100
58 30.2 24.8 37.2

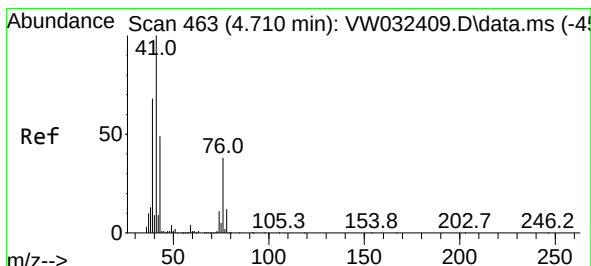
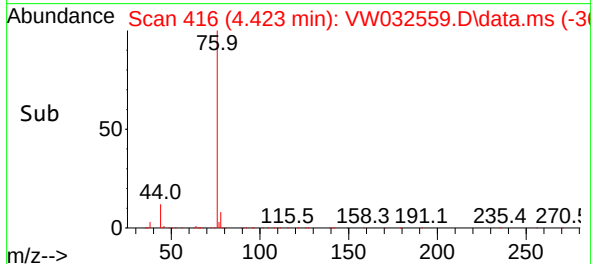
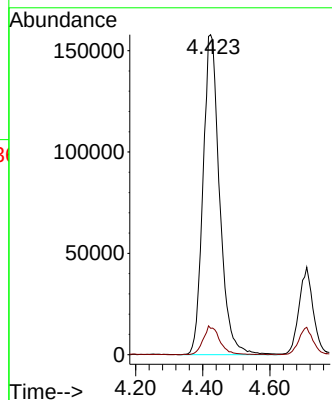
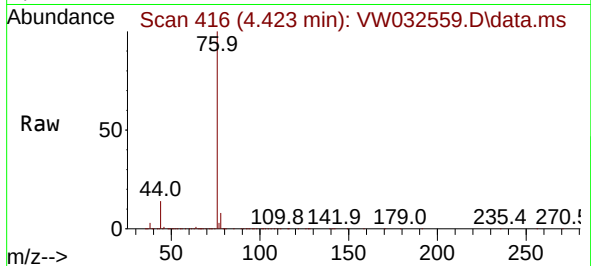




#17
Carbon Disulfide
Concen: 51.116 ug/l
RT: 4.423 min Scan# 416
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

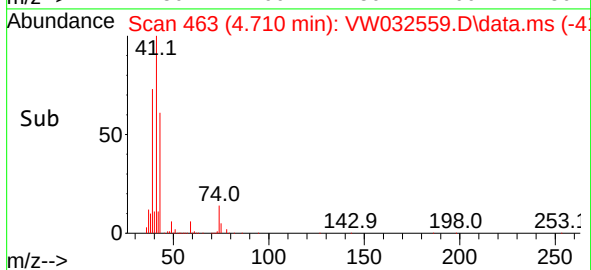
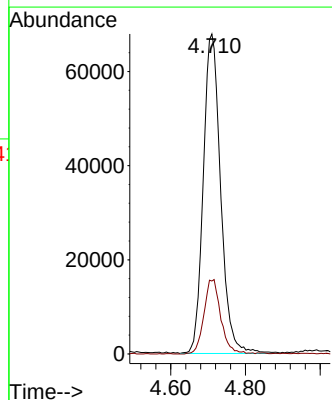
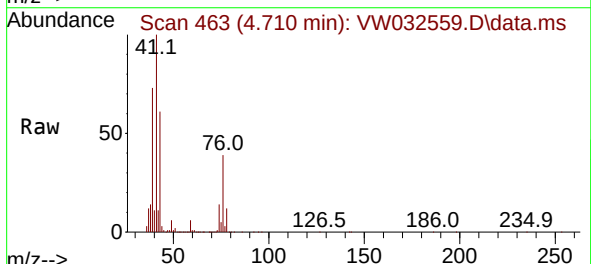
Instrument :
MSVOA_W
ClientSampleId :

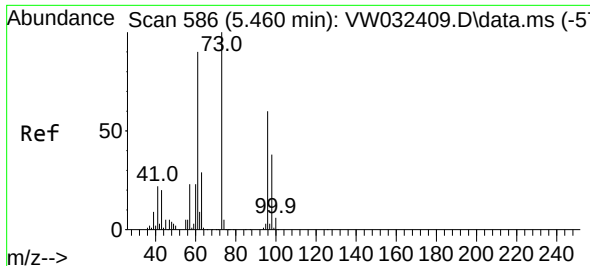
Tgt Ion: 76 Resp: 541630
Ion Ratio Lower Upper
76 100
78 8.3 7.6 11.4



#18
Methyl Acetate
Concen: 68.733 ug/l
RT: 4.710 min Scan# 463
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

Tgt Ion: 43 Resp: 218970
Ion Ratio Lower Upper
43 100
74 22.6 18.9 28.3

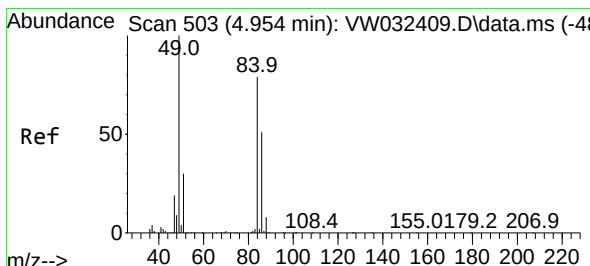
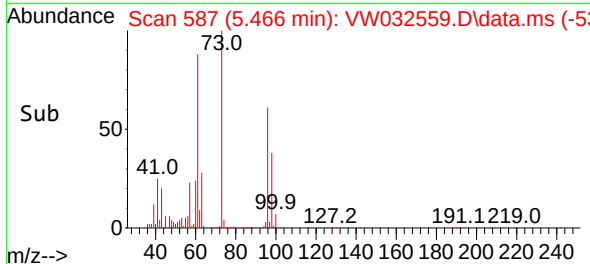
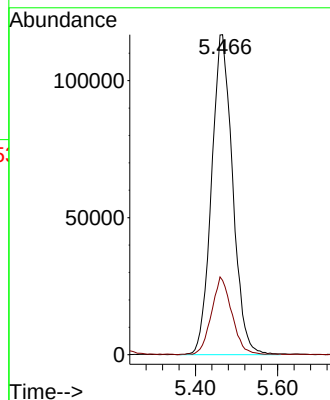
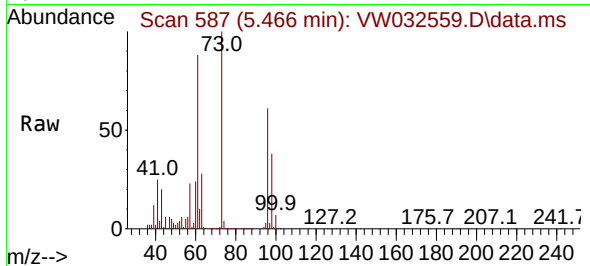




#19
Methyl tert-butyl Ether
Concen: 55.043 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

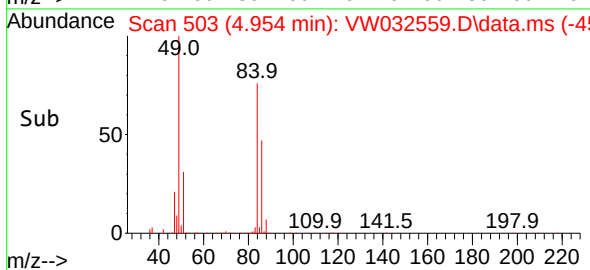
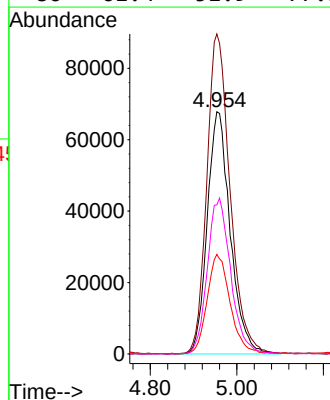
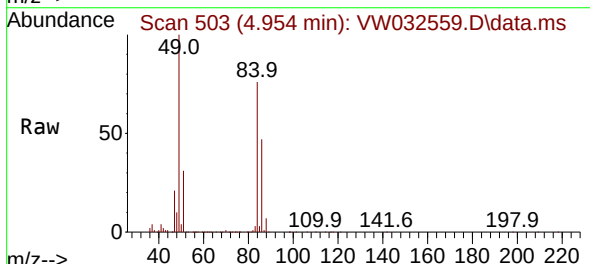
Instrument :
MSVOA_W
ClientSampleId :

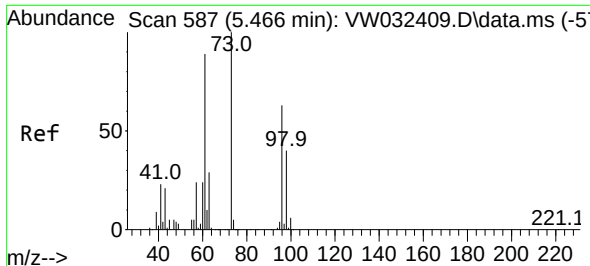
Tgt Ion: 73 Resp: 415966
Ion Ratio Lower Upper
73 100
57 23.1 18.3 27.5



#20
Methylene Chloride
Concen: 54.475 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

Tgt Ion: 84 Resp: 250629
Ion Ratio Lower Upper
84 100
49 131.9 101.5 152.3
51 41.0 30.6 46.0
86 61.4 51.9 77.9

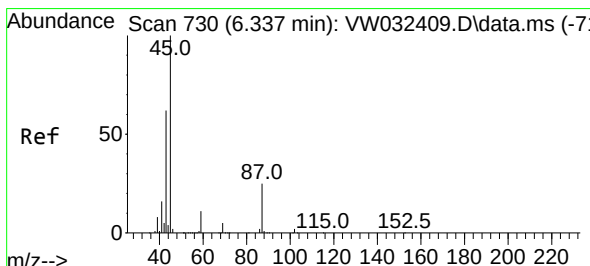
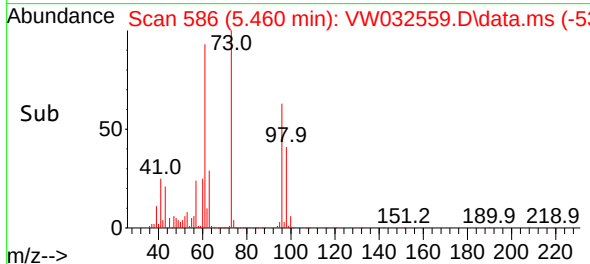
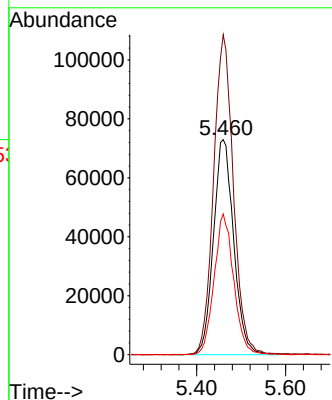
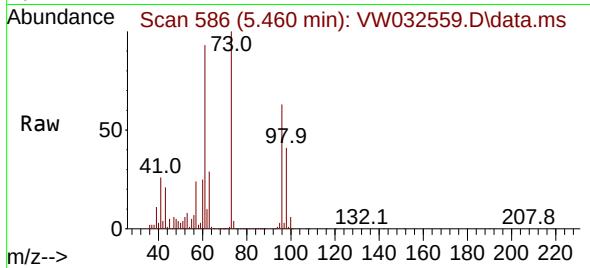




#21
trans-1,2-Dichloroethene
Concen: 56.185 ug/l
RT: 5.460 min Scan# 587
Delta R.T. -0.006 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

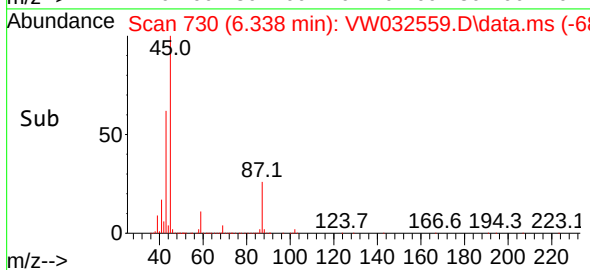
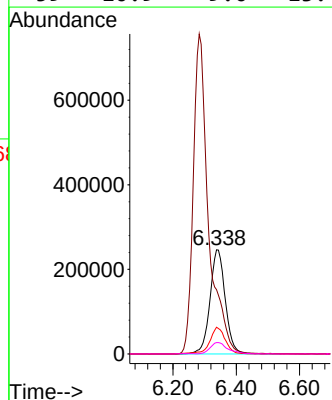
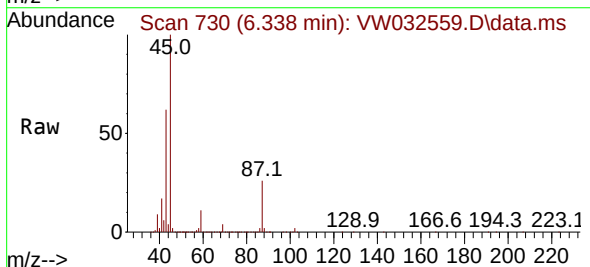
Instrument :
MSVOA_W
ClientSampleId :

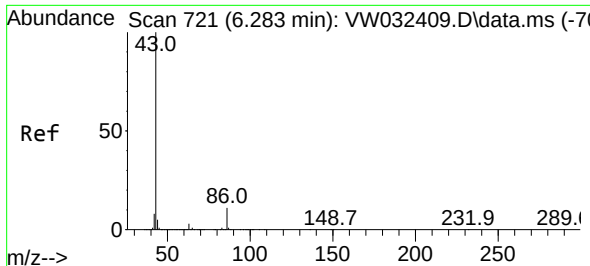
Tgt Ion: 96 Resp: 230321
Ion Ratio Lower Upper
96 100
61 148.7 112.5 168.7
98 65.4 51.1 76.7



#22
Diisopropyl ether
Concen: 58.891 ug/l
RT: 6.338 min Scan# 730
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

Tgt Ion: 45 Resp: 826659
Ion Ratio Lower Upper
45 100
43 61.5 49.4 74.2
87 25.6 20.1 30.1
59 10.9 9.0 13.4

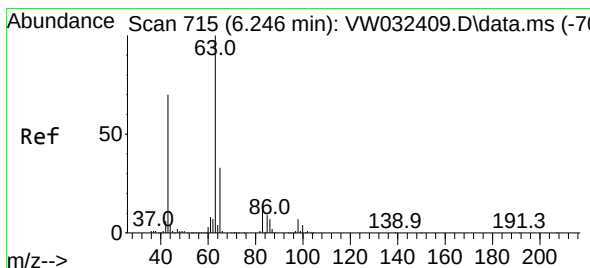
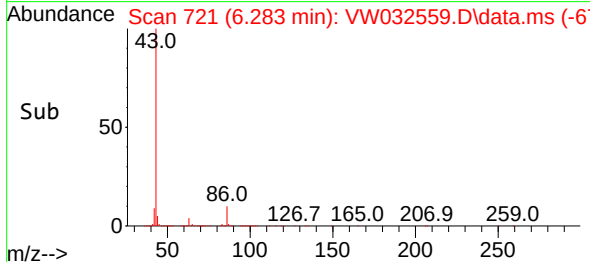
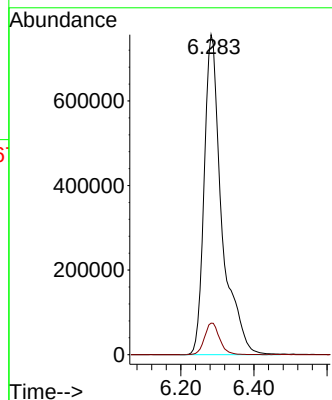
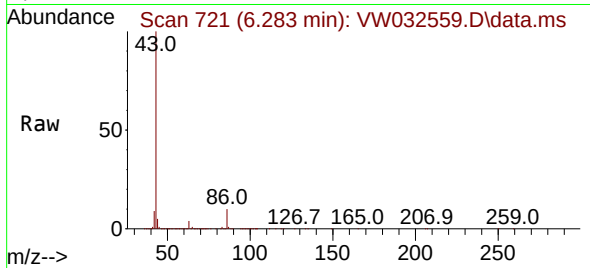




#23
 Vinyl Acetate
 Concen: 263.069 ug/l
 RT: 6.283 min Scan# 721
 Delta R.T. 0.000 min
 Lab File: VW032559.D
 Acq: 26 Nov 2025 20:52

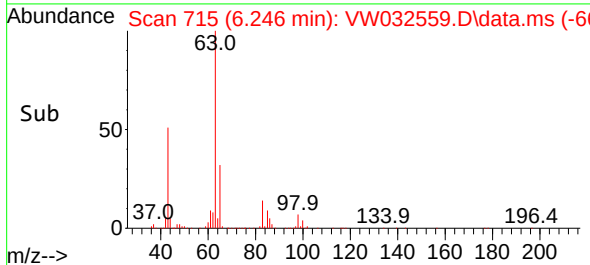
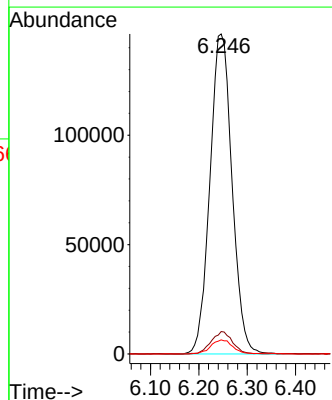
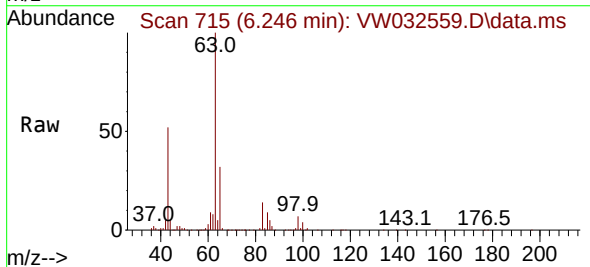
Instrument :
 MSVOA_W
 ClientSampleId :

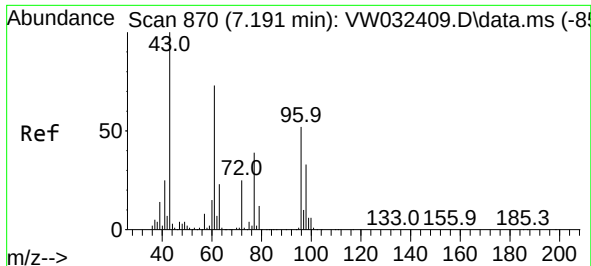
Tgt Ion: 43 Resp: 2529989
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 60.398 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW032559.D
 Acq: 26 Nov 2025 20:52

Tgt Ion: 63 Resp: 464499
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.8
 100 4.4 2.3 6.8

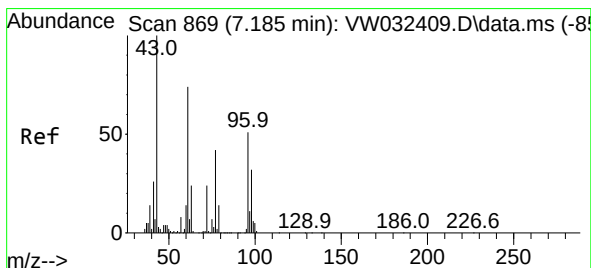
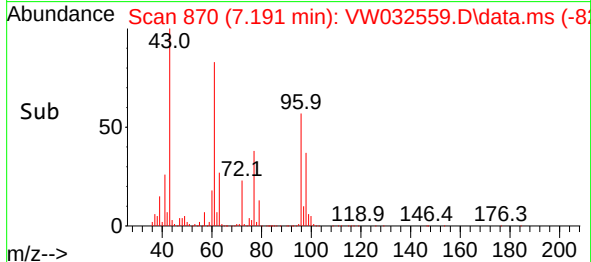
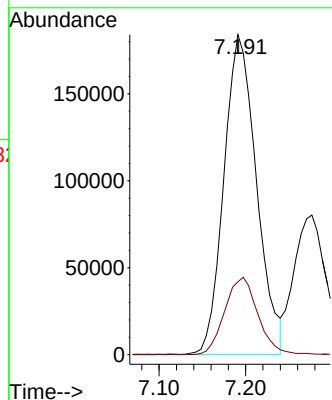
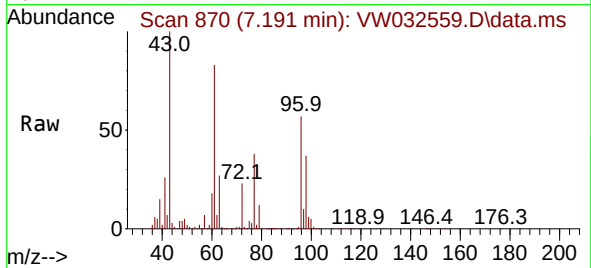




#25
2-Butanone
Concen: 253.386 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

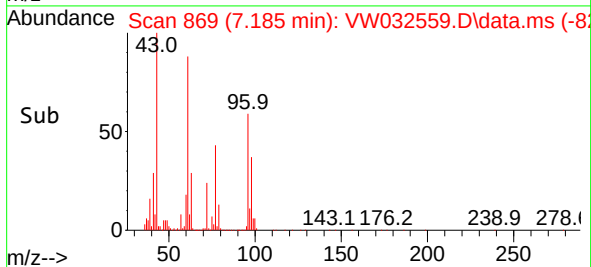
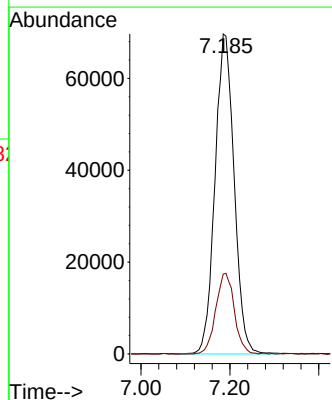
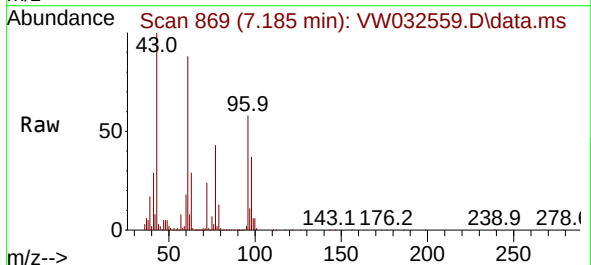
Instrument :
MSVOA_W
ClientSampleId :

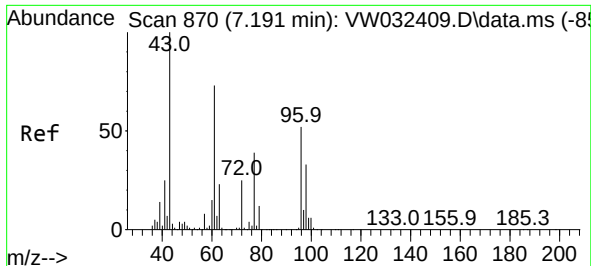
Tgt Ion: 43 Resp: 480249
Ion Ratio Lower Upper
43 100
72 22.8 20.0 30.0



#26
2,2-Dichloropropane
Concen: 48.428 ug/l
RT: 7.185 min Scan# 869
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

Tgt Ion: 77 Resp: 207568
Ion Ratio Lower Upper
77 100
97 24.4 12.3 36.8





#27

cis-1,2-Dichloroethene

Concen: 56.326 ug/l

RT: 7.191 min Scan# 870

Delta R.T. 0.000 min

Lab File: VW032559.D

Acq: 26 Nov 2025 20:52

Instrument :

MSVOA_W

ClientSampleId :

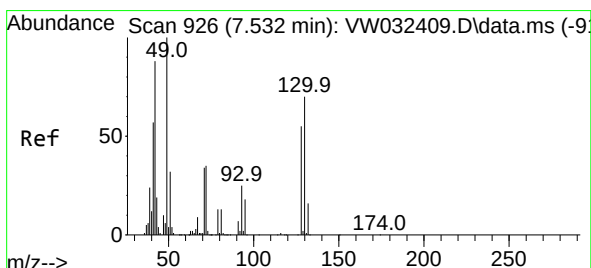
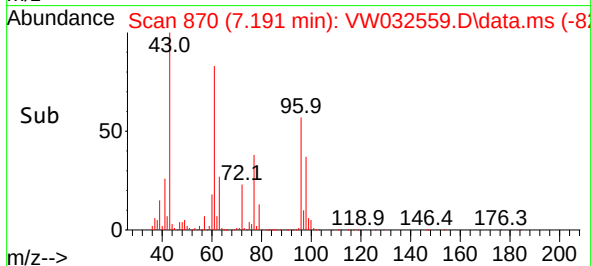
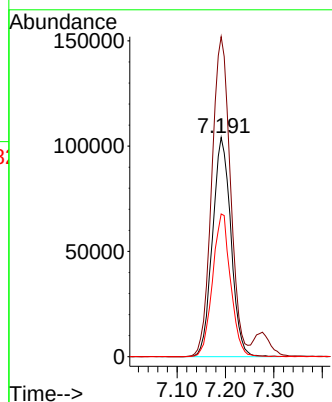
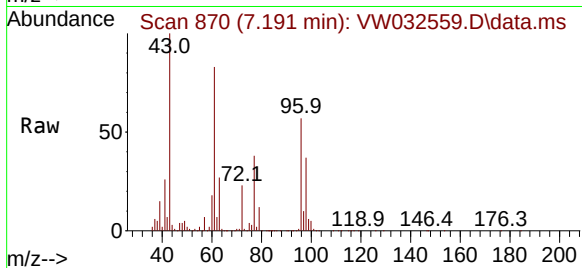
Tgt Ion: 96 Resp: 275895

Ion Ratio Lower Upper

96 100

61 147.6 0.0 282.6

98 63.8 0.0 128.6



#28

Bromochloromethane

Concen: 56.147 ug/l

RT: 7.532 min Scan# 926

Delta R.T. 0.000 min

Lab File: VW032559.D

Acq: 26 Nov 2025 20:52

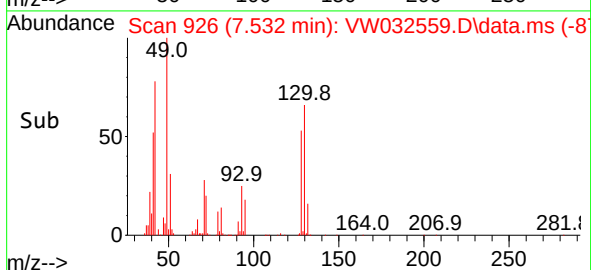
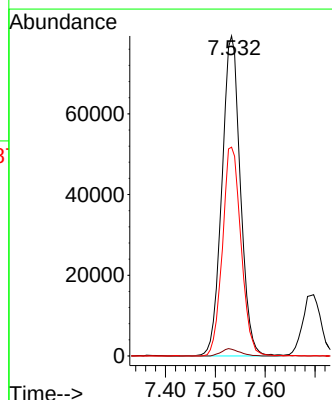
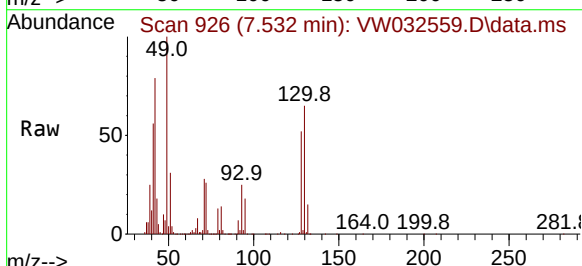
Tgt Ion: 49 Resp: 204088

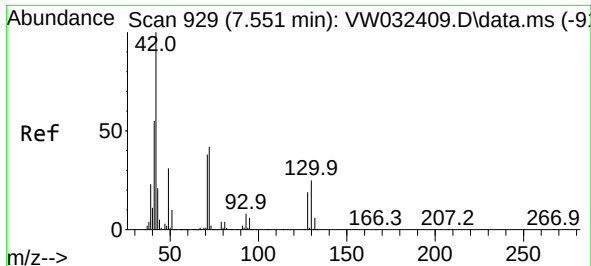
Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

130 65.5 56.9 85.3





#29

Tetrahydrofuran

Concen: 272.590 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW032559.D

Acq: 26 Nov 2025 20:52

Instrument :

MSVOA_W

ClientSampleId :

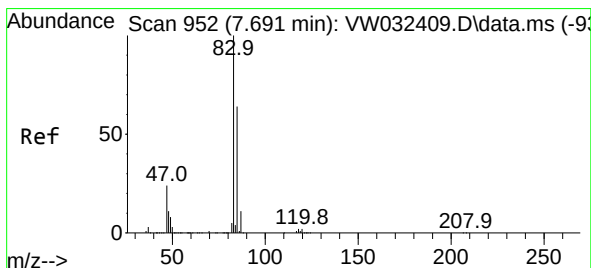
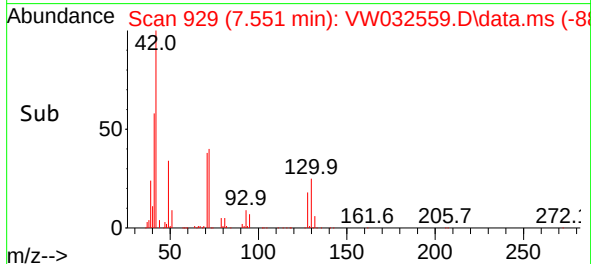
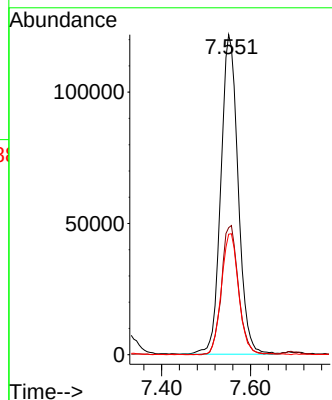
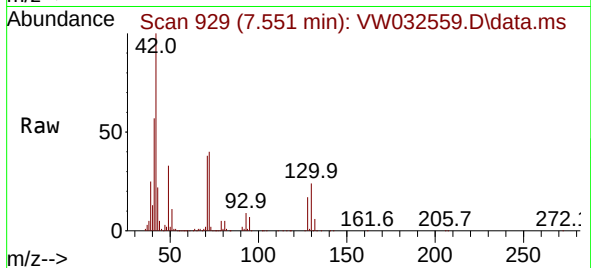
Tgt Ion: 42 Resp: 327919

Ion Ratio Lower Upper

42 100

72 39.8 33.6 50.4

71 37.8 31.4 47.0



#30

Chloroform

Concen: 61.162 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW032559.D

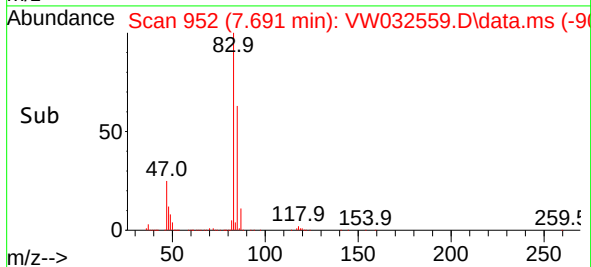
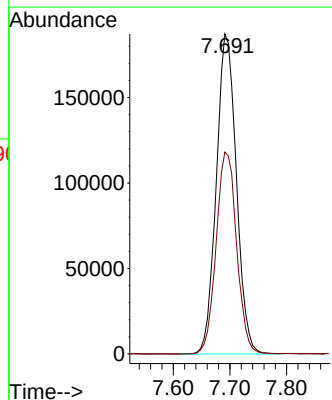
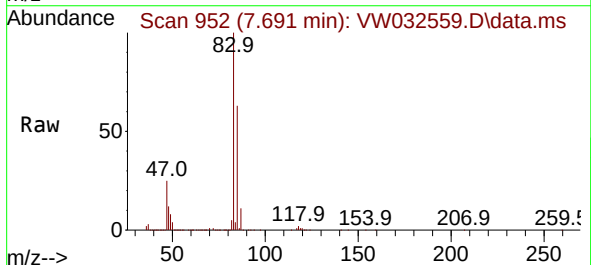
Acq: 26 Nov 2025 20:52

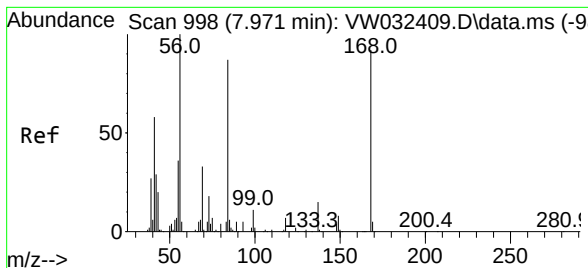
Tgt Ion: 83 Resp: 460474

Ion Ratio Lower Upper

83 100

85 63.1 51.0 76.4





#31

Cyclohexane

Concen: 49.879 ug/l

RT: 7.971 min Scan# 998

Delta R.T. 0.000 min

Lab File: VW032559.D

Acq: 26 Nov 2025 20:52

Instrument :

MSVOA_W

ClientSampleId :

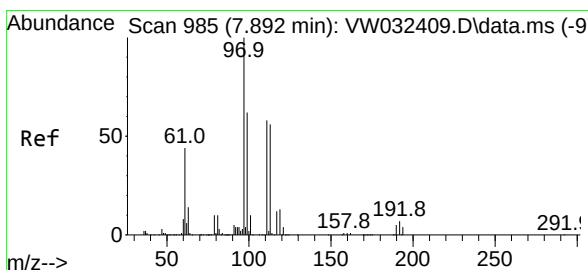
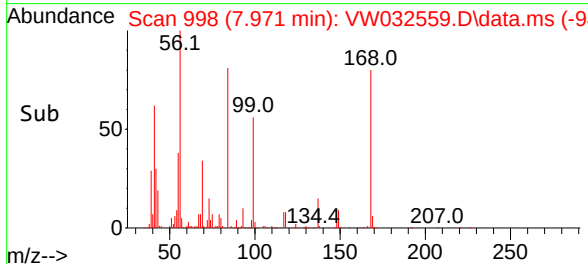
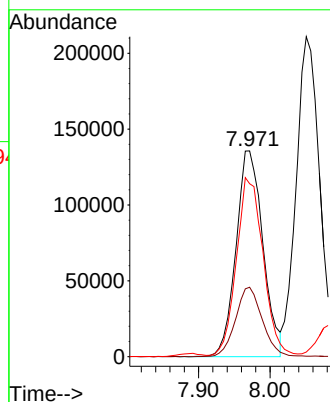
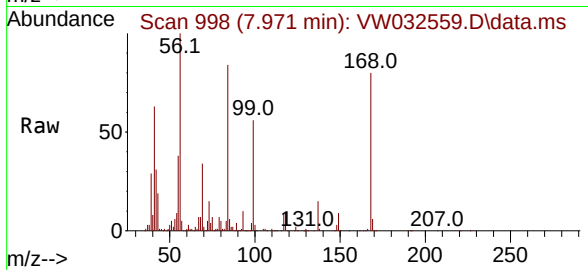
Tgt Ion: 56 Resp: 354840

Ion Ratio Lower Upper

56 100

69 33.7 26.5 39.7

84 83.0 69.6 104.4



#32

1,1,1-Trichloroethane

Concen: 57.606 ug/l

RT: 7.892 min Scan# 985

Delta R.T. 0.000 min

Lab File: VW032559.D

Acq: 26 Nov 2025 20:52

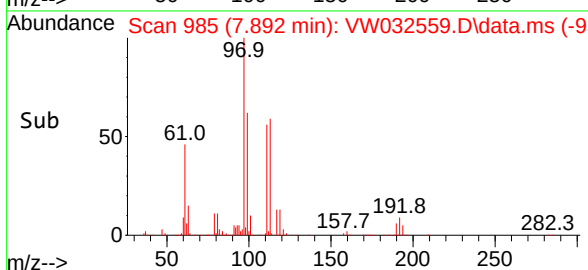
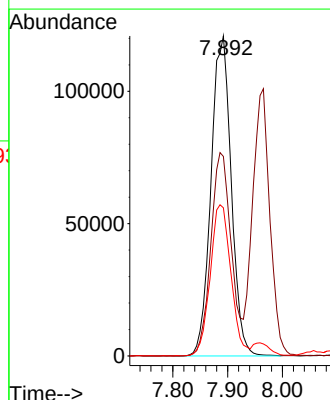
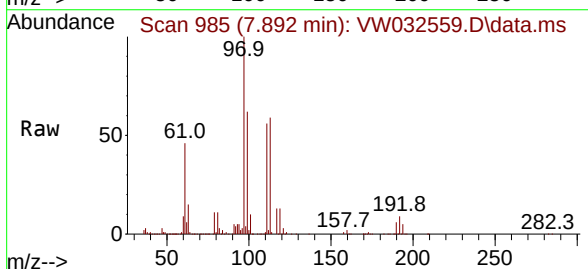
Tgt Ion: 97 Resp: 309825

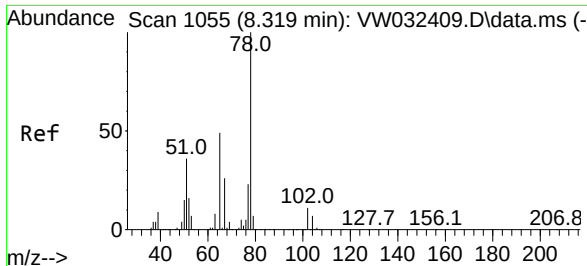
Ion Ratio Lower Upper

97 100

99 64.7 51.8 77.8

61 48.5 35.5 53.3

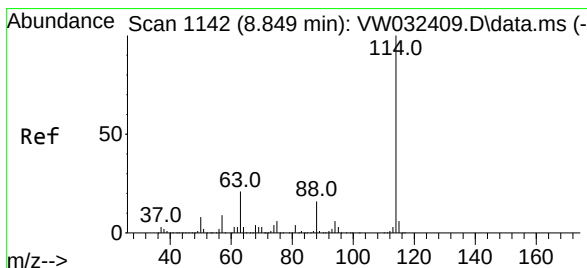
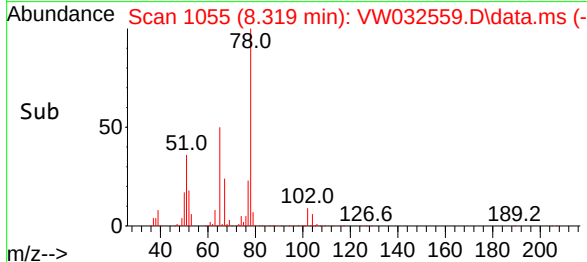
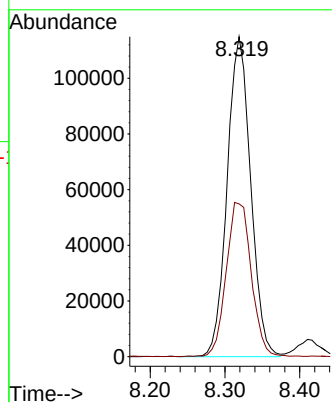
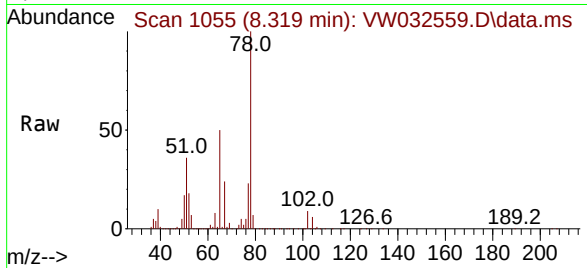




#33
 1,2-Dichloroethane-d4
 Concen: 58.419 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032559.D
 Acq: 26 Nov 2025 20:52

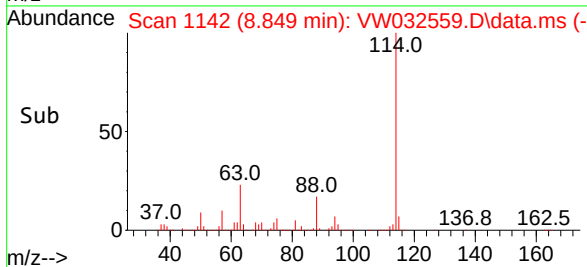
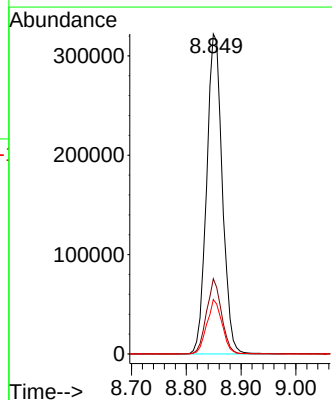
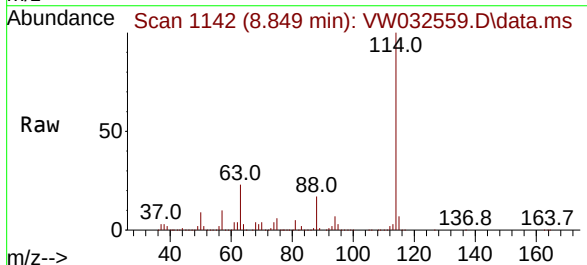
Instrument :
 MSVOA_W
 ClientSampleId :

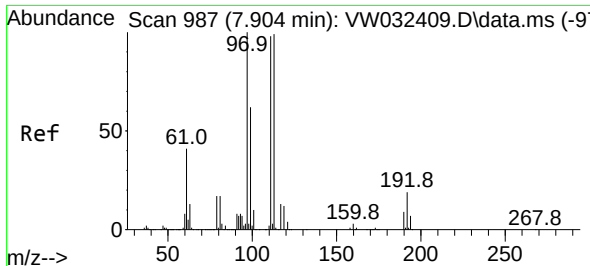
Tgt Ion: 65 Resp: 251209
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW032559.D
 Acq: 26 Nov 2025 20:52

Tgt Ion: 114 Resp: 637747
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 41.8
 88 17.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.741 ug/l

RT: 7.898 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW032559.D

Acq: 26 Nov 2025 20:52

Instrument :

MSVOA_W

ClientSampleId :

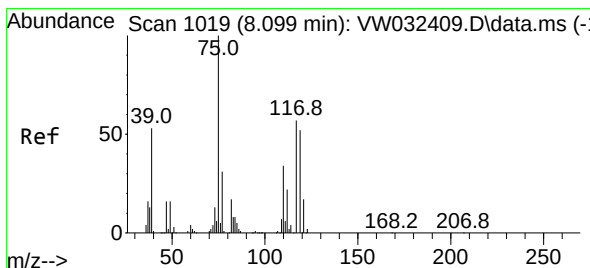
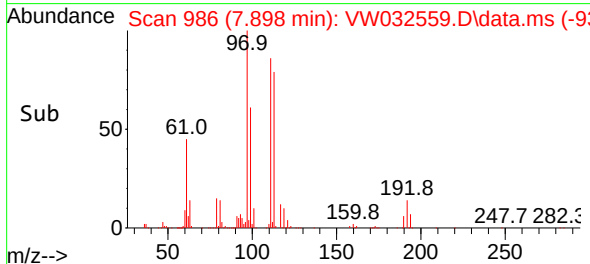
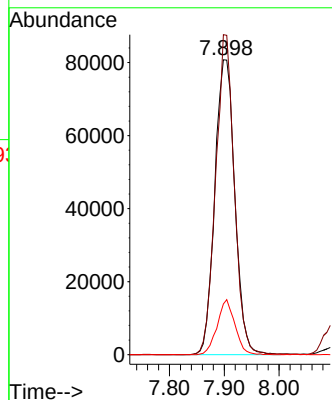
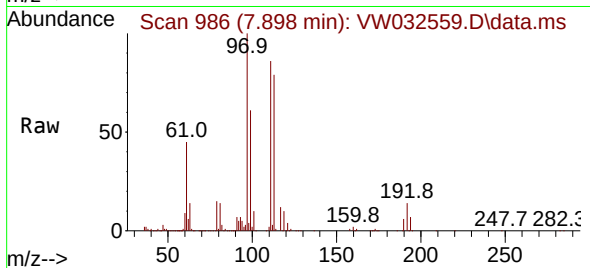
Tgt Ion:113 Resp: 205202

Ion Ratio Lower Upper

113 100

111 101.2 83.1 124.7

192 16.6 13.4 20.2



#36

1,1-Dichloropropene

Concen: 54.476 ug/l

RT: 8.093 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VW032559.D

Acq: 26 Nov 2025 20:52

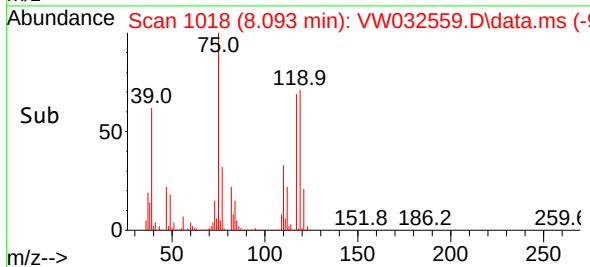
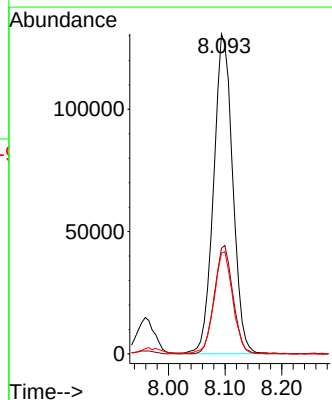
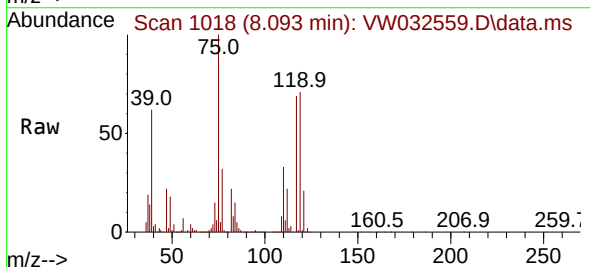
Tgt Ion: 75 Resp: 306477

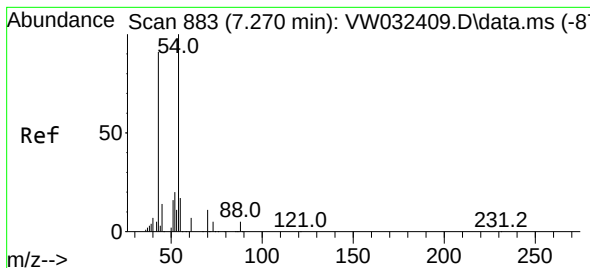
Ion Ratio Lower Upper

75 100

110 33.0 17.2 51.5

77 31.2 24.5 36.7





#37

Ethyl Acetate

Concen: 51.182 ug/l

RT: 7.276 min Scan# 8

Delta R.T. 0.006 min

Lab File: VW032559.D

Acq: 26 Nov 2025 20:52

Instrument :

MSVOA_W

ClientSampleId :

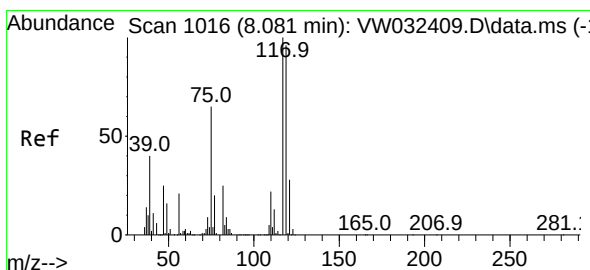
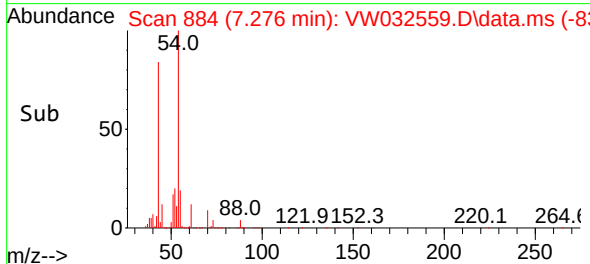
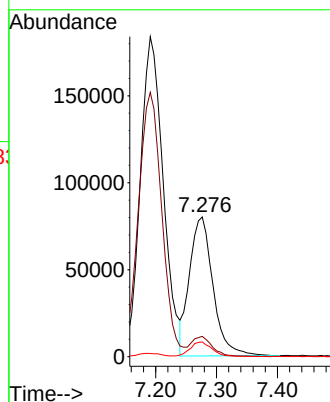
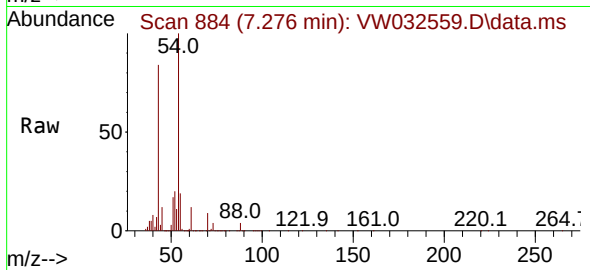
Tgt Ion: 43 Resp: 214117

Ion Ratio Lower Upper

43 100

61 13.3 11.0 16.6

70 9.9 8.3 12.5



#38

Carbon Tetrachloride

Concen: 54.940 ug/l

RT: 8.087 min Scan# 1017

Delta R.T. 0.006 min

Lab File: VW032559.D

Acq: 26 Nov 2025 20:52

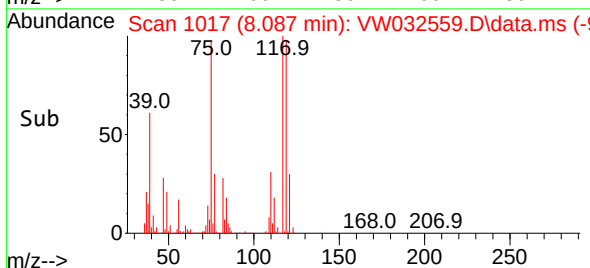
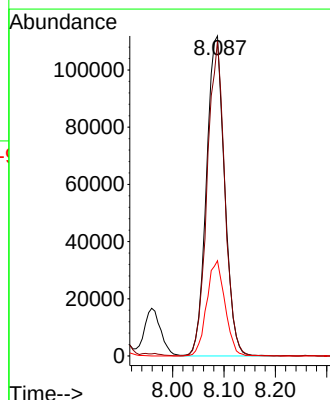
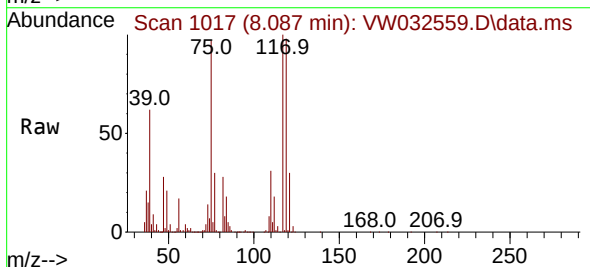
Tgt Ion: 117 Resp: 274640

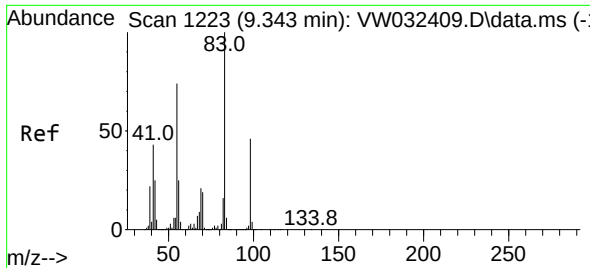
Ion Ratio Lower Upper

117 100

119 98.3 77.0 115.4

121 29.7 22.0 33.0

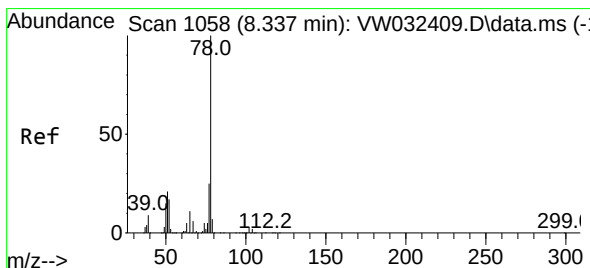
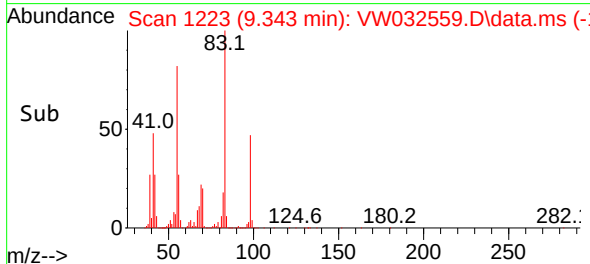
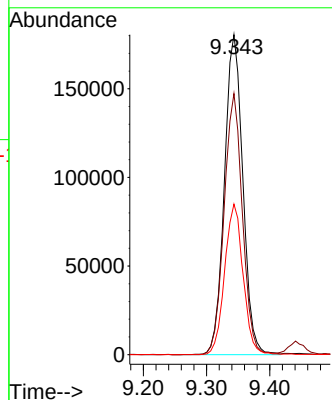
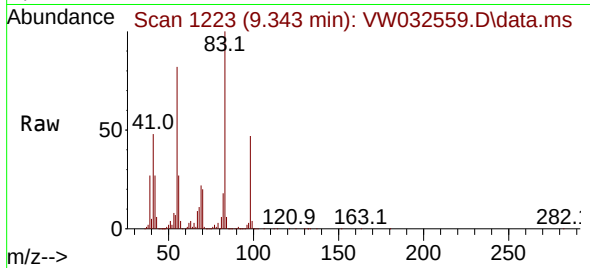




#39
Methylcyclohexane
Concen: 49.924 ug/l
RT: 9.343 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

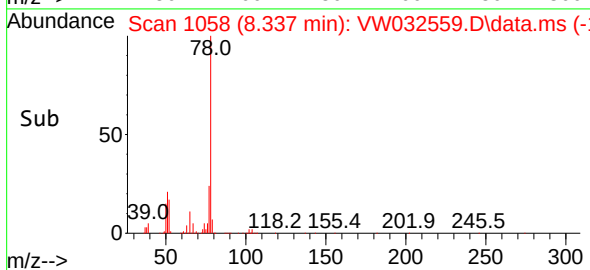
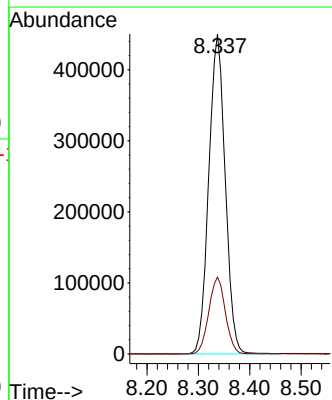
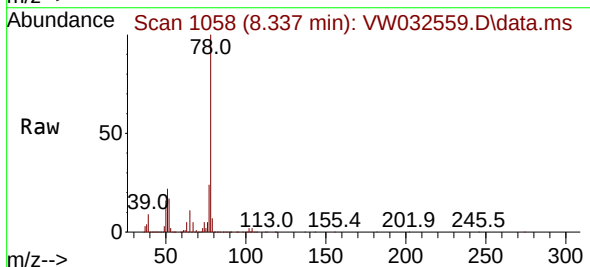
Instrument :
MSVOA_W
ClientSampleId :

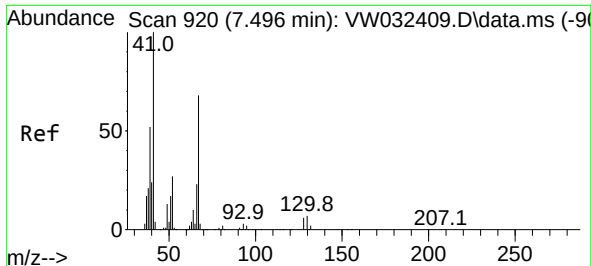
Tgt Ion: 83 Resp: 363856
Ion Ratio Lower Upper
83 100
55 81.6 59.2 88.8
98 47.0 36.6 54.8



#40
Benzene
Concen: 55.127 ug/l
RT: 8.337 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

Tgt Ion: 78 Resp: 998770
Ion Ratio Lower Upper
78 100
77 24.0 19.6 29.4

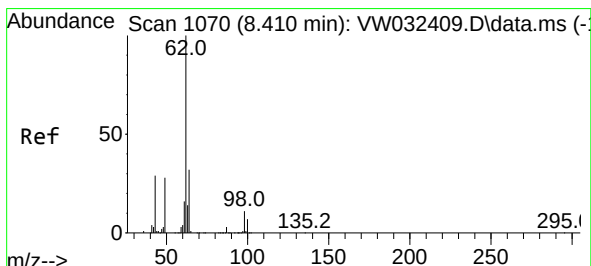
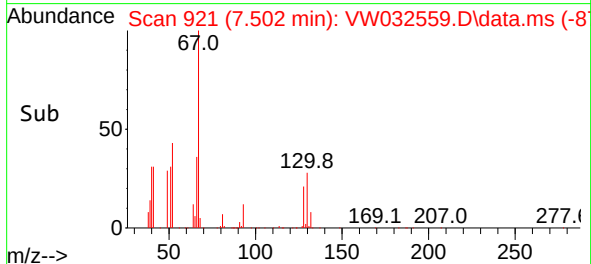
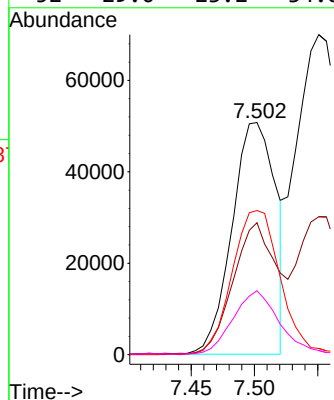
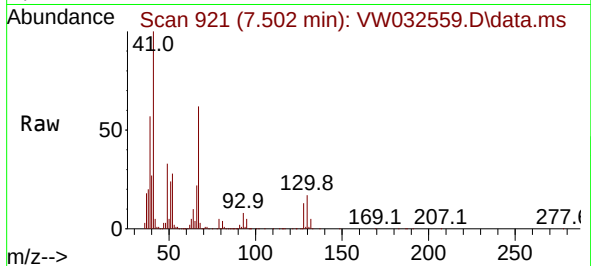




#41
Methacrylonitrile
Concen: 52.903 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

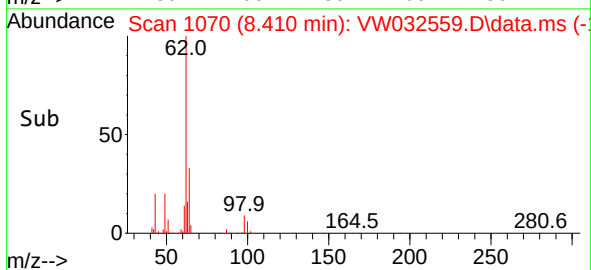
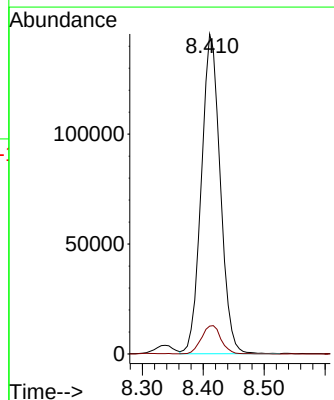
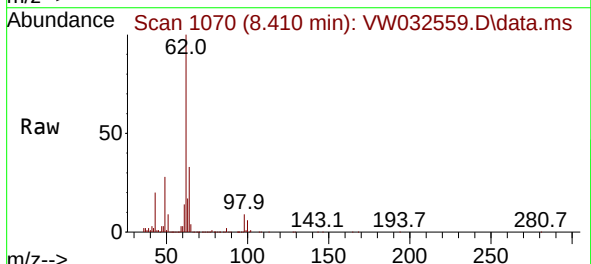
Instrument :
MSVOA_W
ClientSampleId :

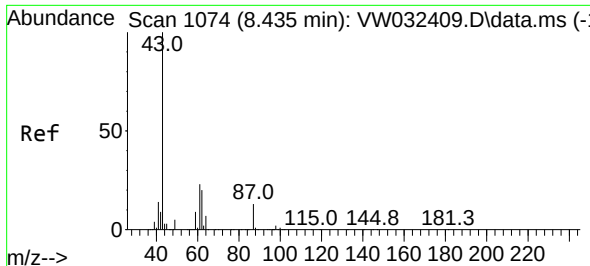
Tgt Ion:	41	Resp:	121575
Ion	Ratio	Lower	Upper
41	100		
39	59.0	44.6	66.8
67	69.2	57.6	86.4
52	29.0	23.2	34.8



#42
1,2-Dichloroethane
Concen: 58.958 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

Tgt Ion:	62	Resp:	313756
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	20.2

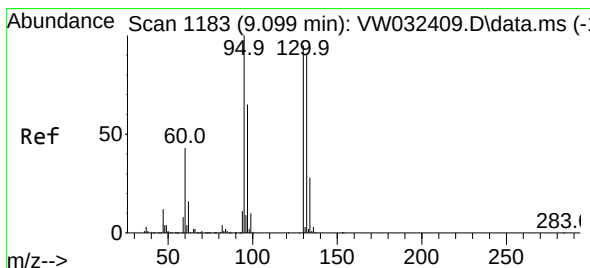
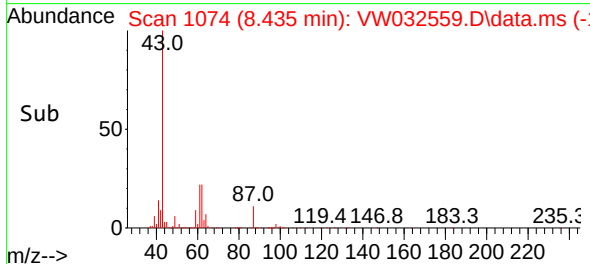
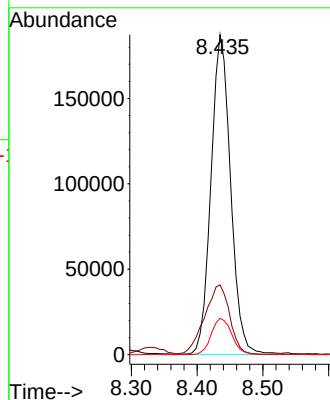
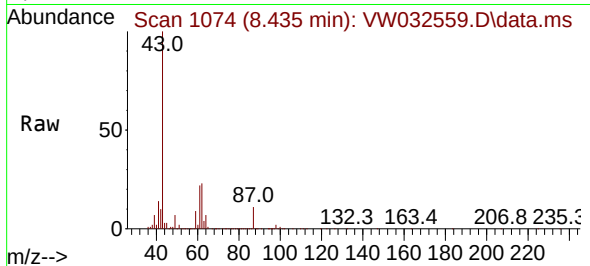




#43
Isopropyl Acetate
Concen: 52.406 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

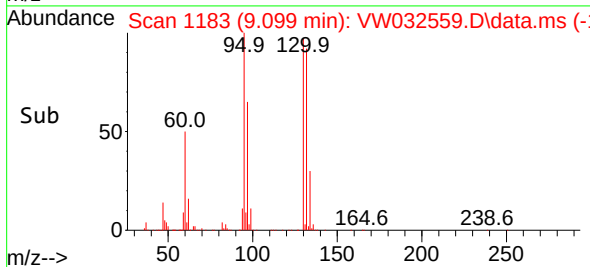
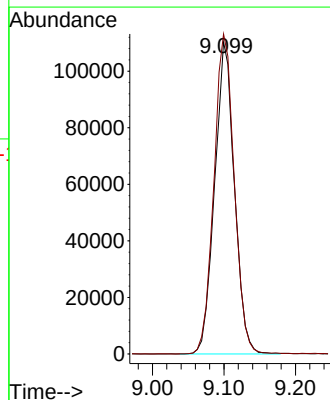
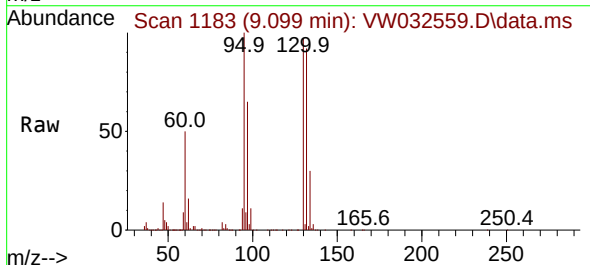
Instrument :
MSVOA_W
ClientSampleId :

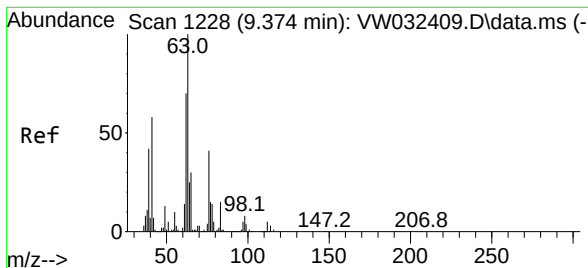
Tgt Ion: 43 Resp: 388202
Ion Ratio Lower Upper
43 100
61 27.8 22.6 33.8
87 12.1 10.6 15.8



#44
Trichloroethene
Concen: 50.186 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

Tgt Ion: 130 Resp: 211575
Ion Ratio Lower Upper
130 100
95 102.5 0.0 209.6





#45

1,2-Dichloropropane

Concen: 56.502 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW032559.D

Acq: 26 Nov 2025 20:52

Instrument :

MSVOA_W

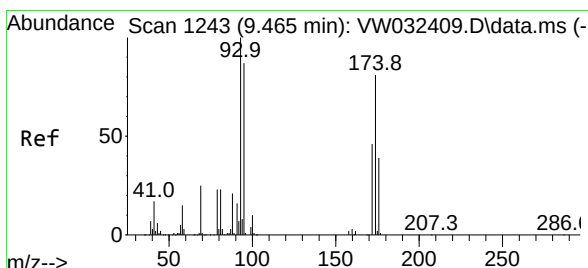
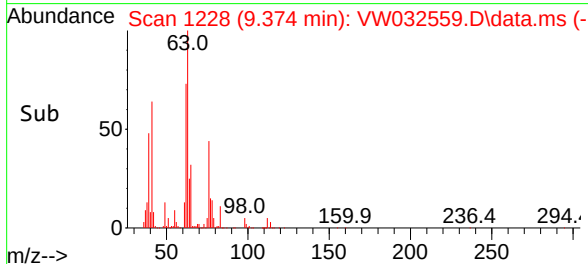
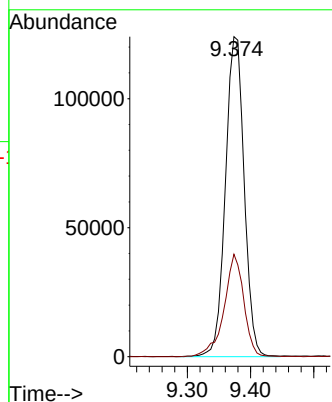
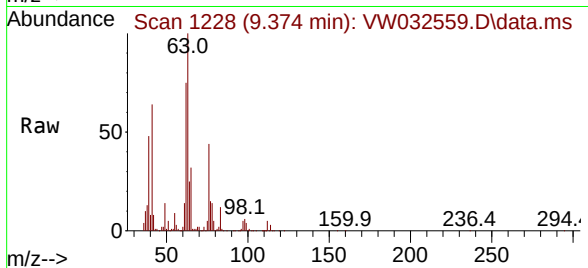
ClientSampleId :

Tgt Ion: 63 Resp: 254898

Ion Ratio Lower Upper

63 100

65 31.9 24.4 36.6



#46

Dibromomethane

Concen: 55.262 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VW032559.D

Acq: 26 Nov 2025 20:52

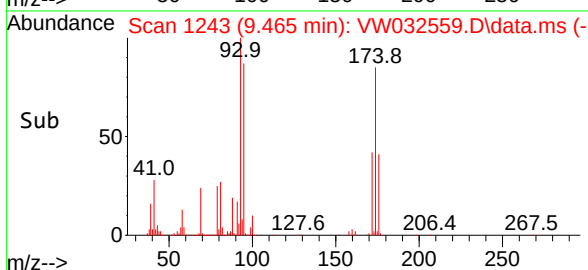
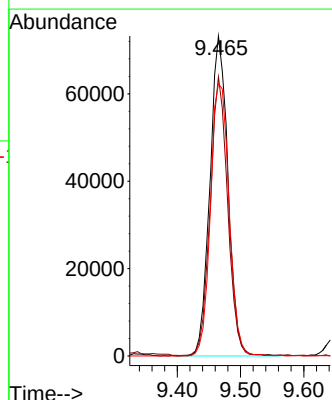
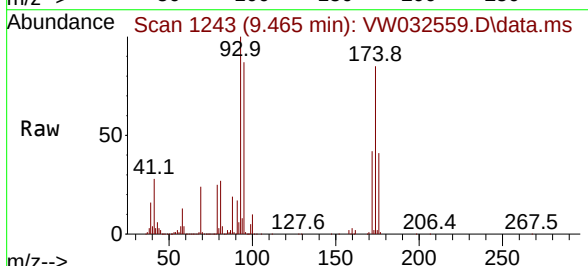
Tgt Ion: 93 Resp: 145684

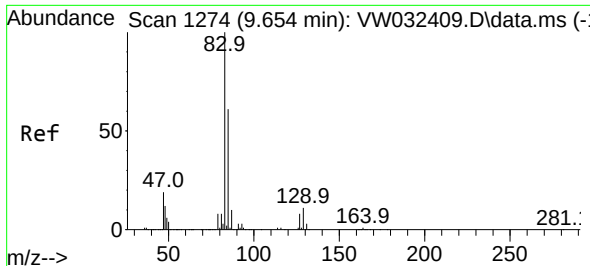
Ion Ratio Lower Upper

93 100

95 84.2 67.1 100.7

174 87.7 68.2 102.4

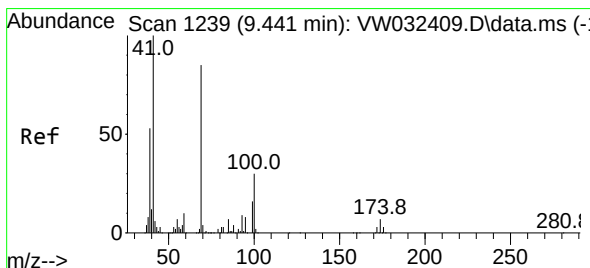
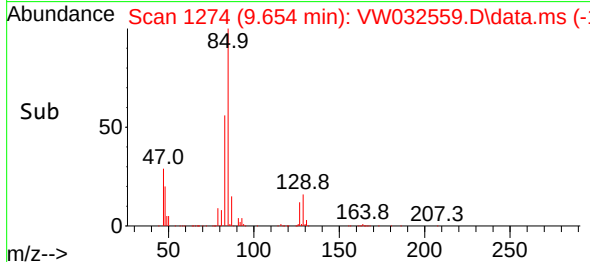
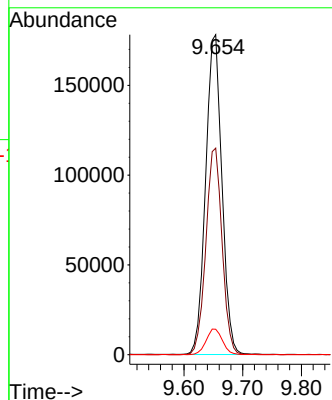
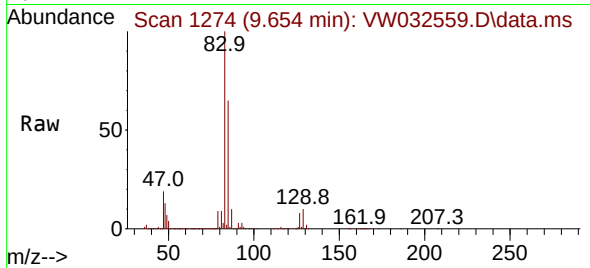




#47
Bromodichloromethane
Concen: 57.018 ug/l
RT: 9.654 min Scan# 1274
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

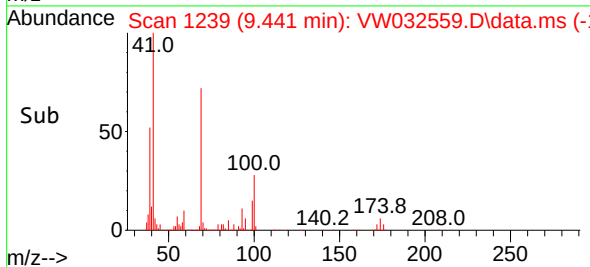
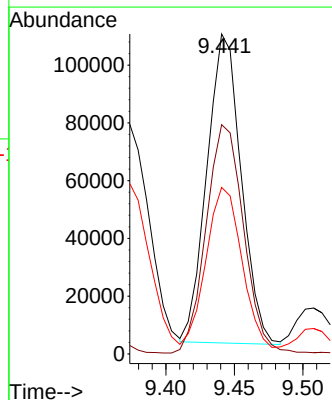
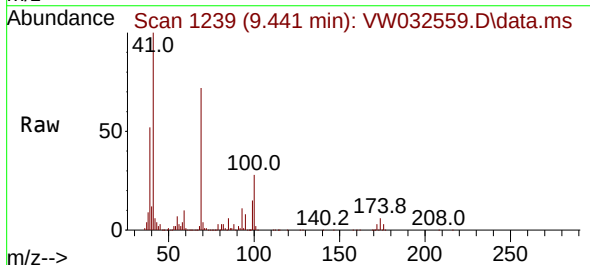
Instrument :
MSVOA_W
ClientSampleId :

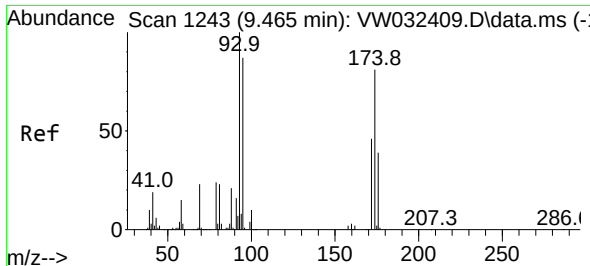
Tgt Ion: 83 Resp: 342880
Ion Ratio Lower Upper
83 100
85 64.6 48.7 73.1
127 7.9 6.3 9.5



#48
Methyl methacrylate
Concen: 52.808 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

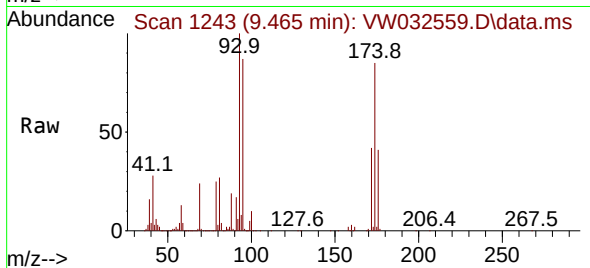
Tgt Ion: 41 Resp: 185884
Ion Ratio Lower Upper
41 100
69 81.5 65.8 98.6
39 53.5 38.6 57.8



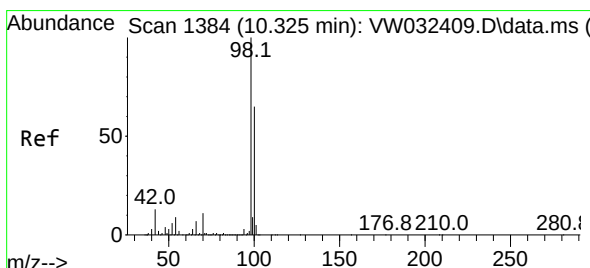
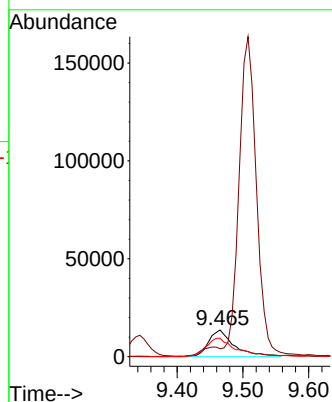
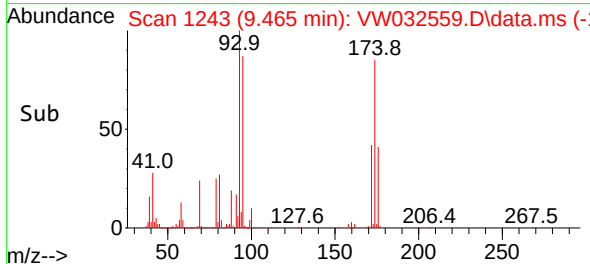


#49
1,4-Dioxane
Concen: 994.513 ug/l
RT: 9.465 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

Instrument :
MSVOA_W
ClientSampleId :

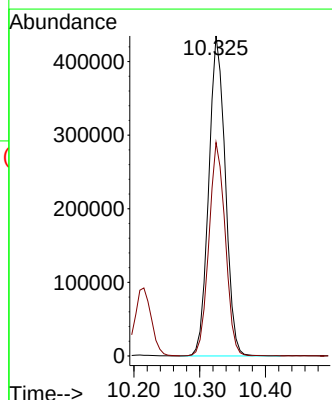
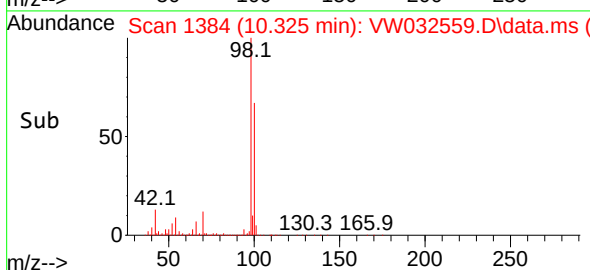
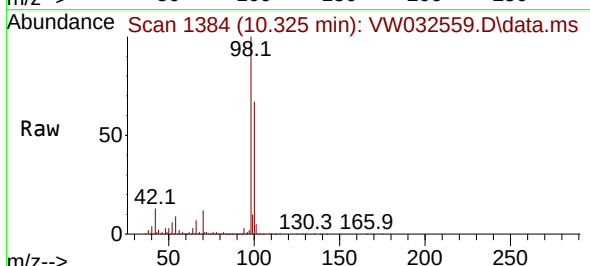


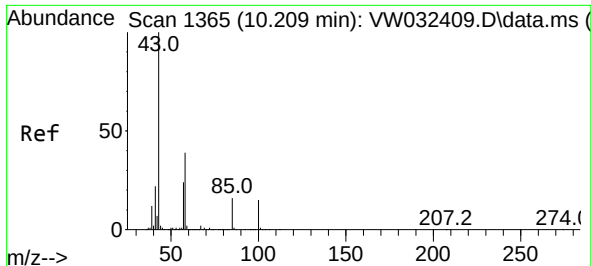
Tgt Ion: 88 Resp: 36728
Ion Ratio Lower Upper
88 100
43 25.3 0.0 0.0#
58 81.6 63.0 94.4



#50
Toluene-d8
Concen: 51.905 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

Tgt Ion: 98 Resp: 760329
Ion Ratio Lower Upper
98 100
100 65.9 53.3 79.9





#51

4-Methyl-2-Pentanone

Concen: 270.097 ug/l

RT: 10.215 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW032559.D

Acq: 26 Nov 2025 20:52

Instrument :

MSVOA_W

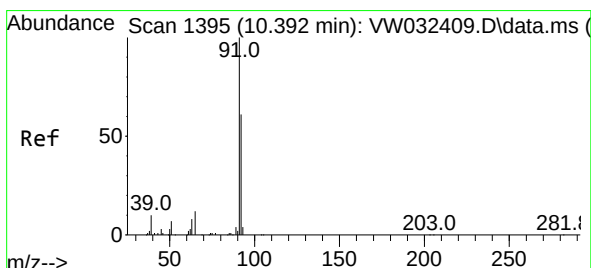
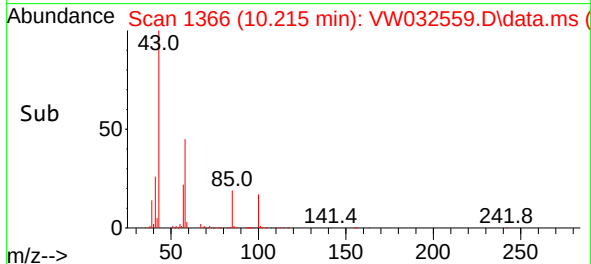
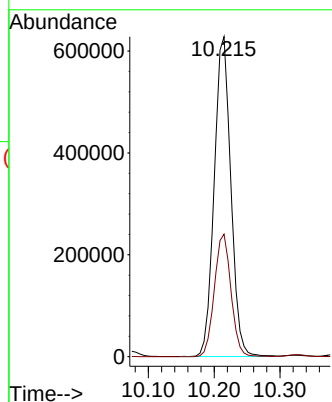
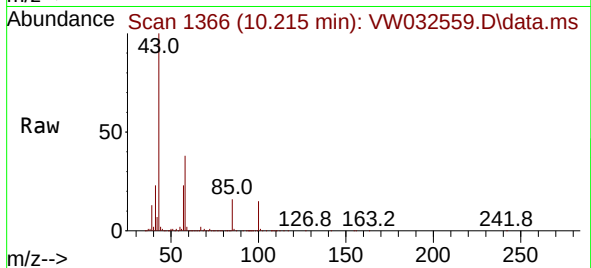
ClientSampleId :

Tgt Ion: 43 Resp: 1106067

Ion Ratio Lower Upper

43 100

58 38.3 31.4 47.2



#52

Toluene

Concen: 54.961 ug/l

RT: 10.392 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VW032559.D

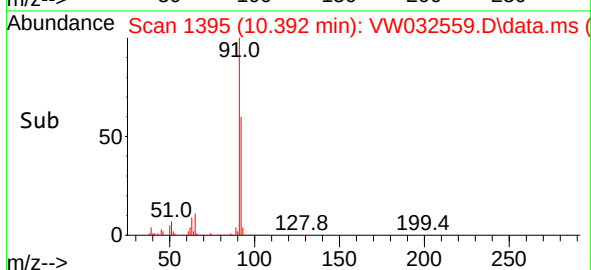
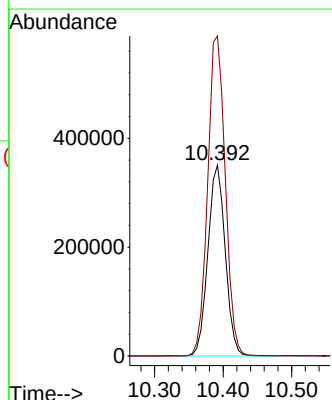
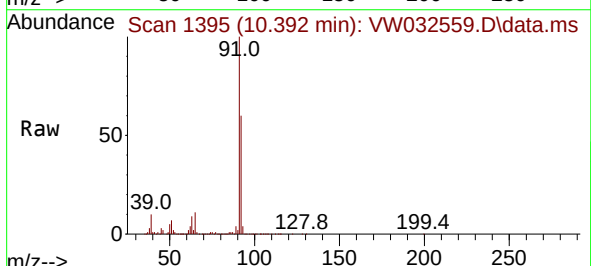
Acq: 26 Nov 2025 20:52

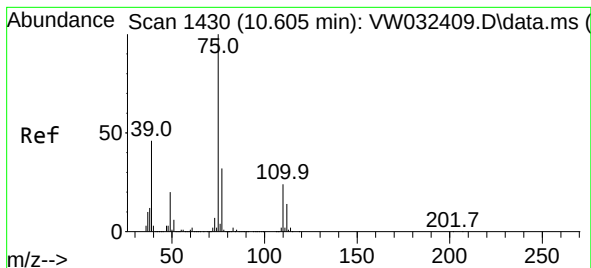
Tgt Ion: 92 Resp: 615066

Ion Ratio Lower Upper

92 100

91 171.1 136.6 205.0

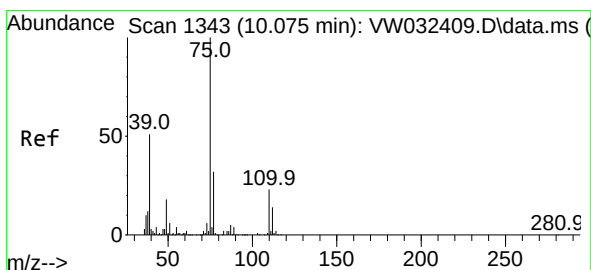
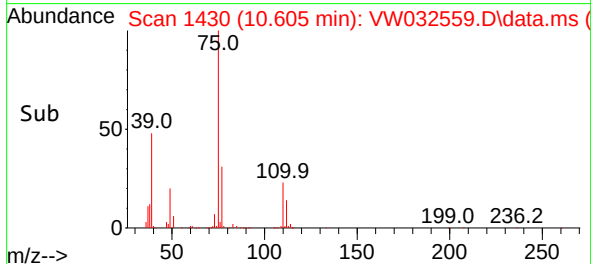
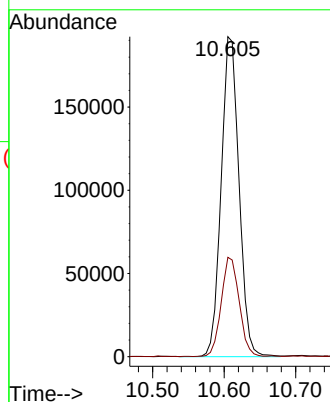
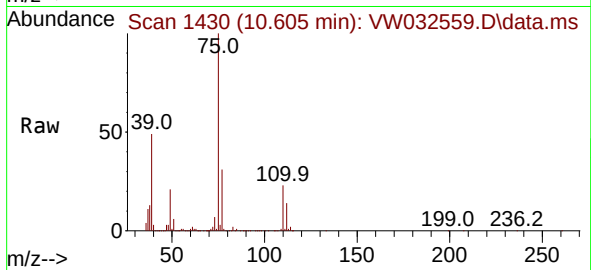




#53
 t-1,3-Dichloropropene
 Concen: 53.795 ug/l
 RT: 10.605 min Scan# 1430
 Delta R.T. 0.000 min
 Lab File: VW032559.D
 Acq: 26 Nov 2025 20:52

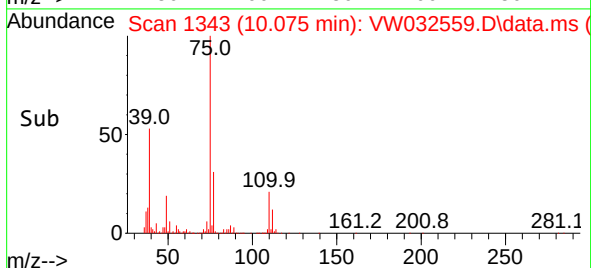
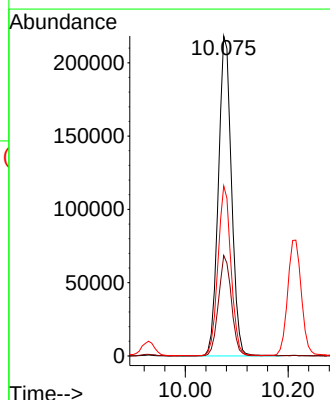
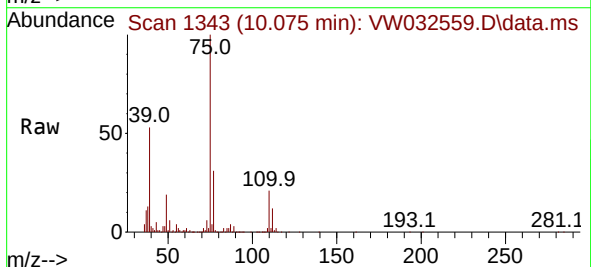
Instrument :
 MSVOA_W
 ClientSampleId :

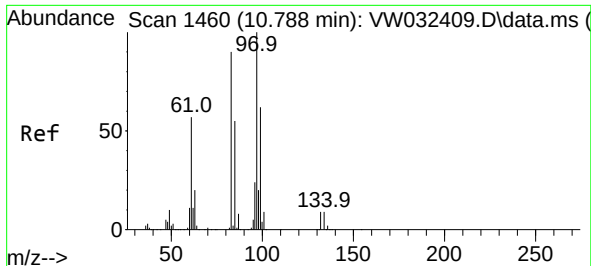
Tgt Ion: 75 Resp: 333165
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 54.065 ug/l
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW032559.D
 Acq: 26 Nov 2025 20:52

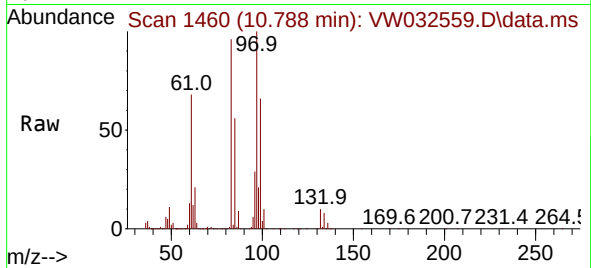
Tgt Ion: 75 Resp: 387212
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.6 38.4
 39 53.0 40.7 61.1



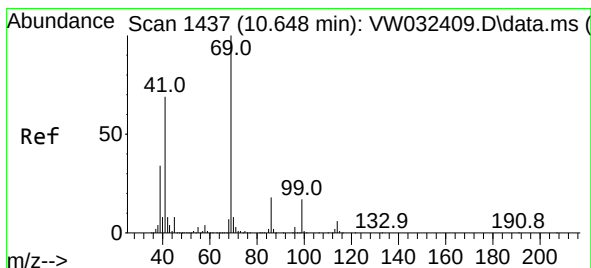
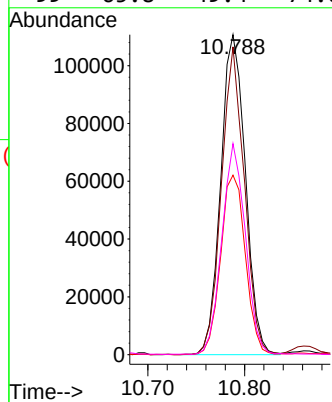
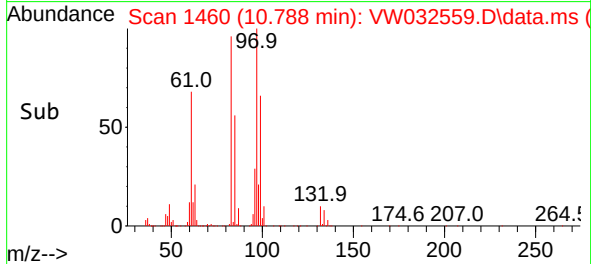


#55
1,1,2-Trichloroethane
Concen: 54.141 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

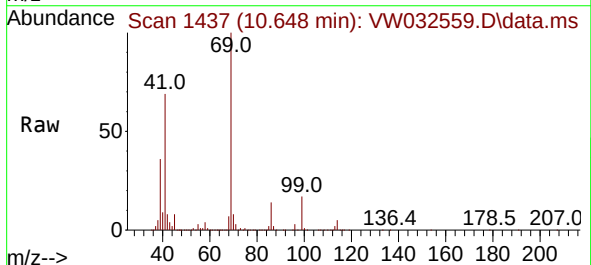
Instrument :
MSVOA_W
ClientSampleId :



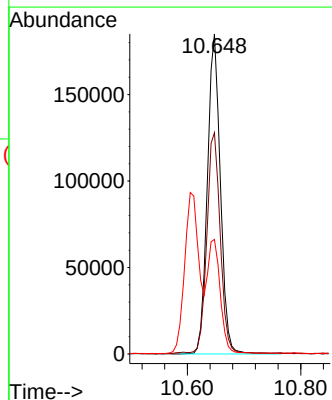
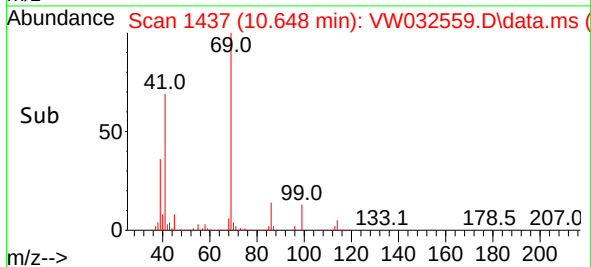
Tgt Ion:	97	Resp:	195802
Ion	Ratio	Lower	Upper
97	100		
83	96.1	72.2	108.4
85	56.1	43.8	65.8
99	65.8	49.4	74.0

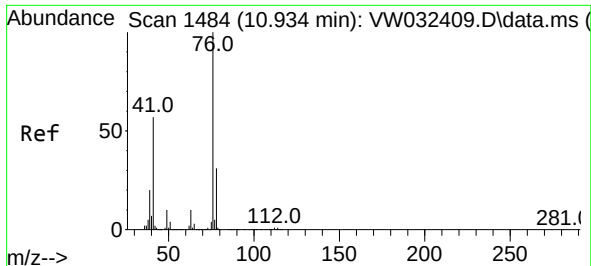


#56
Ethyl methacrylate
Concen: 53.063 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52



Tgt Ion:	69	Resp:	294448
Ion	Ratio	Lower	Upper
69	100		
41	71.8	54.4	81.6
39	34.5	25.4	38.0





#57

1,3-Dichloropropane

Concen: 55.516 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW032559.D

Acq: 26 Nov 2025 20:52

Instrument :

MSVOA_W

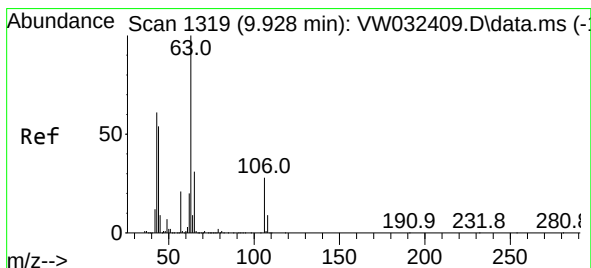
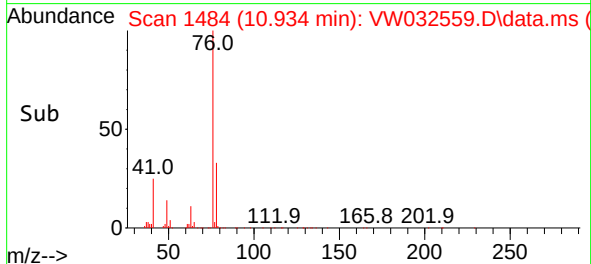
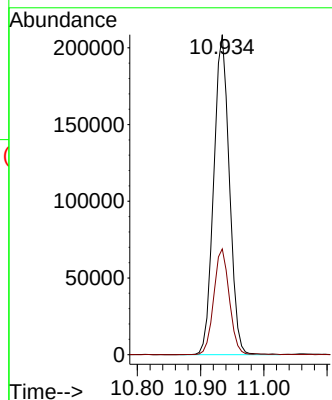
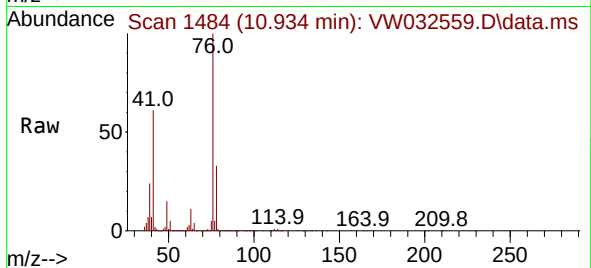
ClientSampleId :

Tgt Ion: 76 Resp: 358593

Ion Ratio Lower Upper

76 100

78 32.7 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 268.412 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW032559.D

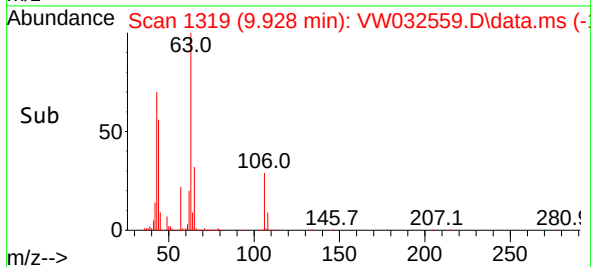
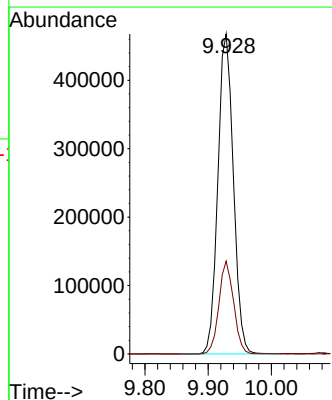
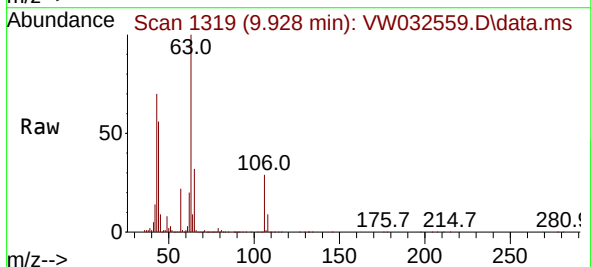
Acq: 26 Nov 2025 20:52

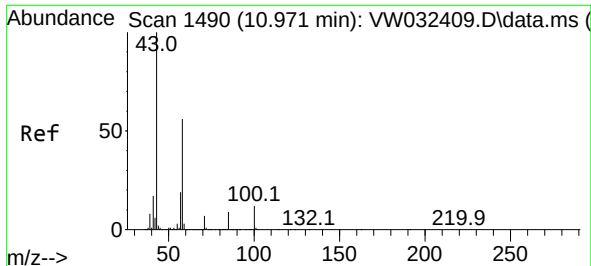
Tgt Ion: 63 Resp: 793180

Ion Ratio Lower Upper

63 100

106 27.5 22.0 33.0

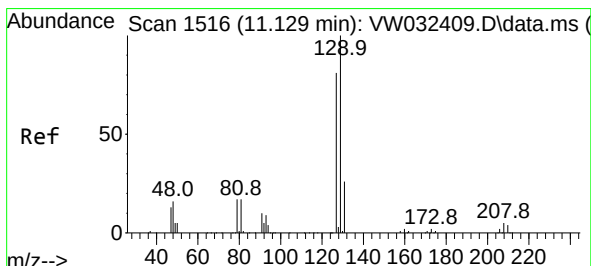
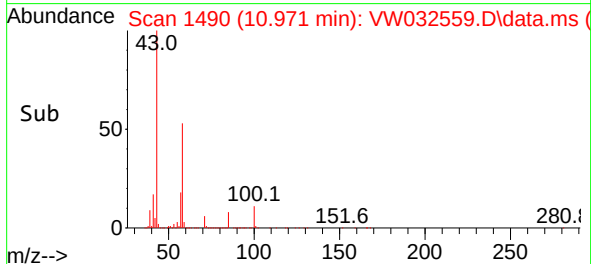
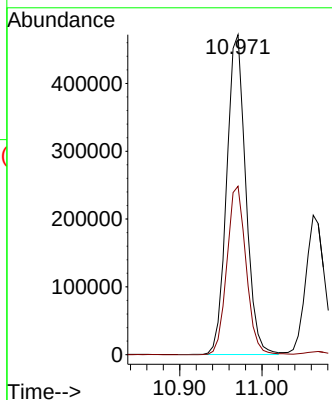
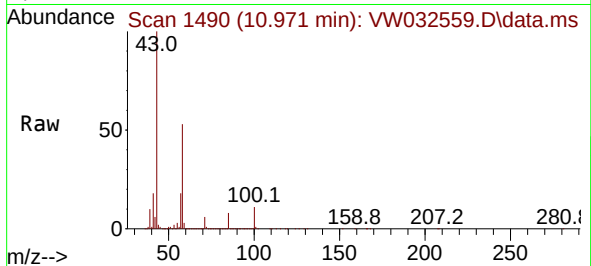




#59
2-Hexanone
Concen: 254.394 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

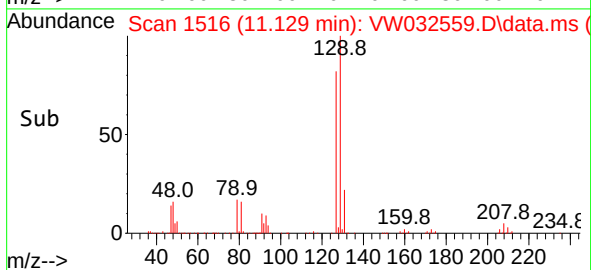
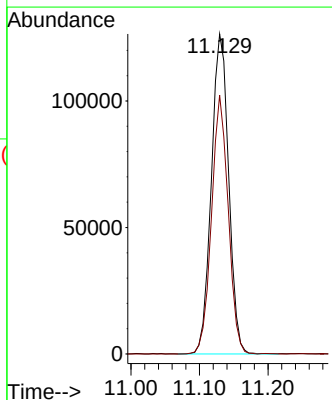
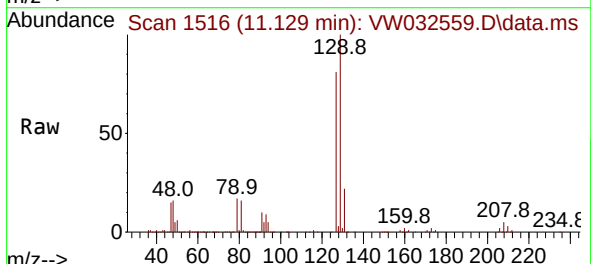
Instrument :
MSVOA_W
ClientSampleId :

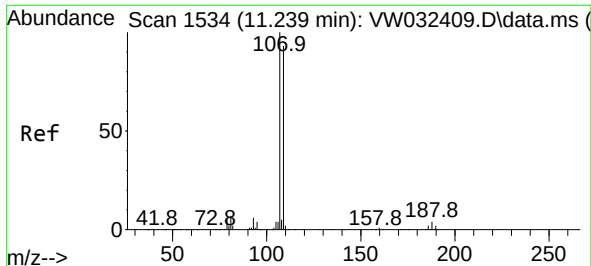
Tgt Ion: 43 Resp: 762191
Ion Ratio Lower Upper
43 100
58 53.1 27.4 82.2



#60
Dibromochloromethane
Concen: 54.785 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

Tgt Ion:129 Resp: 221260
Ion Ratio Lower Upper
129 100
127 78.0 39.2 117.6

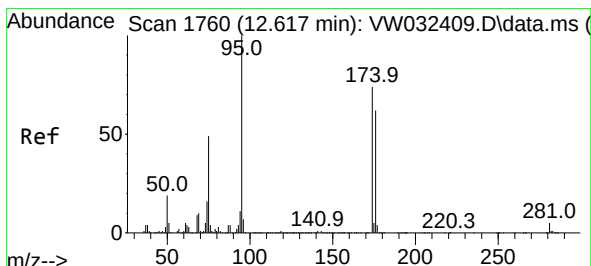
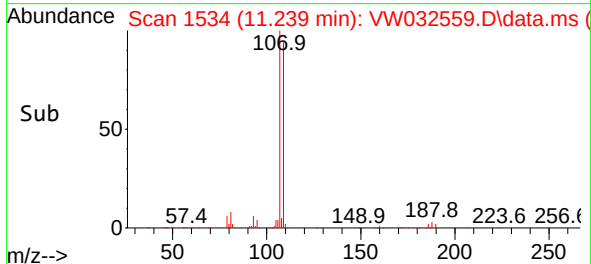
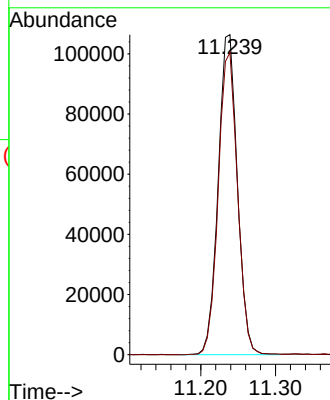
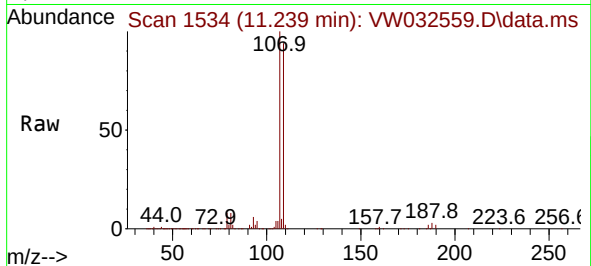




#61
1,2-Dibromoethane
Concen: 53.920 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

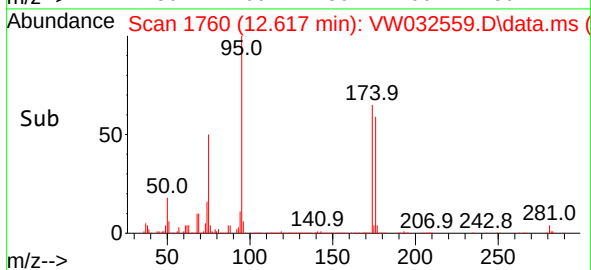
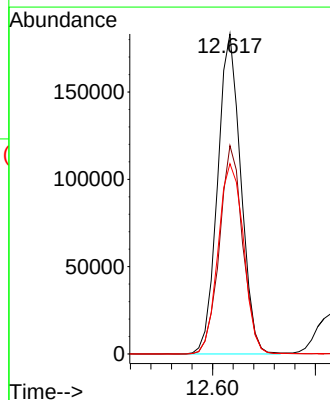
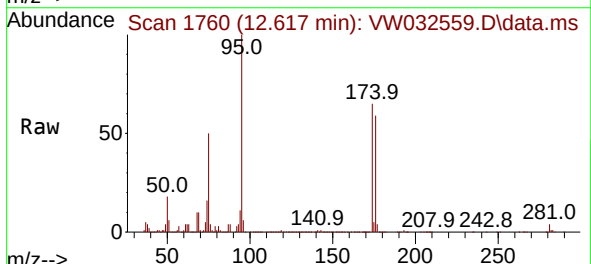
Instrument :
MSVOA_W
ClientSampleId :

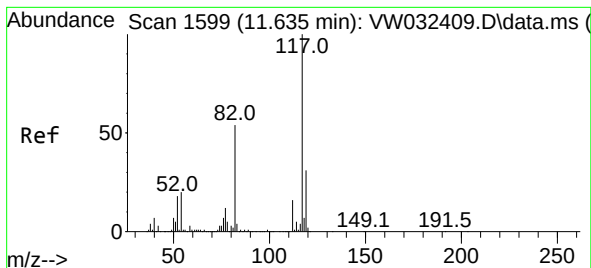
Tgt Ion:107 Resp: 189927
Ion Ratio Lower Upper
107 100
109 94.9 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 51.909 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

Tgt Ion: 95 Resp: 287243
Ion Ratio Lower Upper
95 100
174 65.5 0.0 135.4
176 64.9 0.0 131.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.635 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032559.D

Acq: 26 Nov 2025 20:52

Instrument :

MSVOA_W

ClientSampleId :

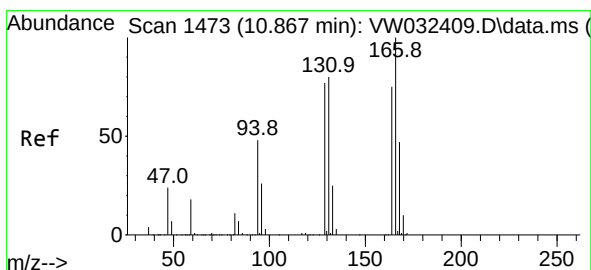
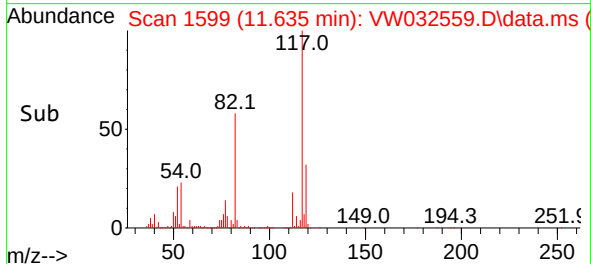
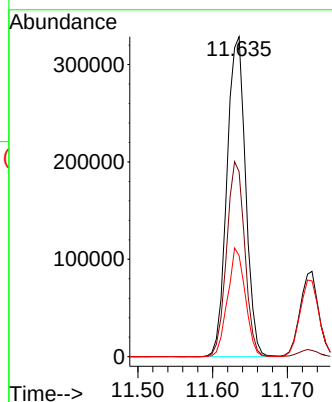
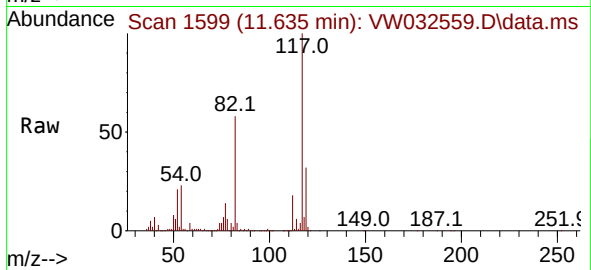
Tgt Ion:117 Resp: 571551

Ion Ratio Lower Upper

117 100

82 57.8 43.0 64.4

119 31.6 25.0 37.6



#64

Tetrachloroethene

Concen: 63.031 ug/l

RT: 10.867 min Scan# 1473

Delta R.T. 0.000 min

Lab File: VW032559.D

Acq: 26 Nov 2025 20:52

Tgt Ion:164 Resp: 213336

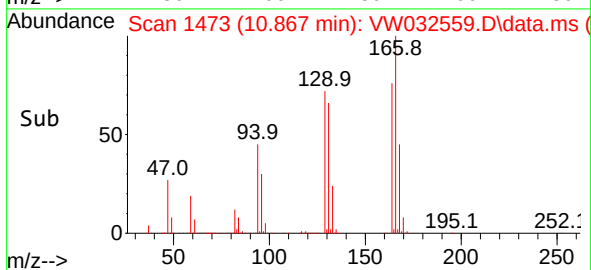
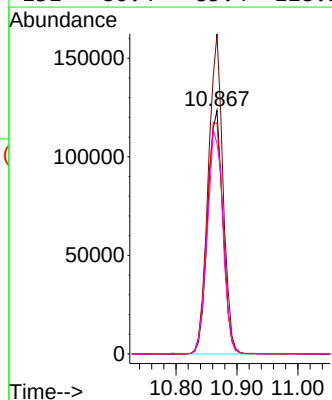
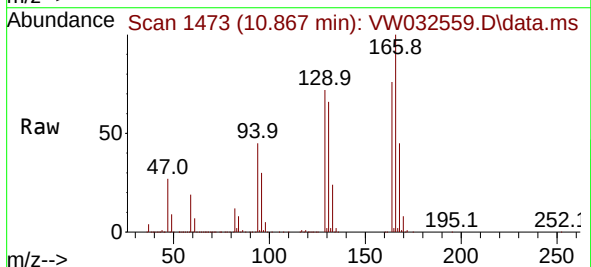
Ion Ratio Lower Upper

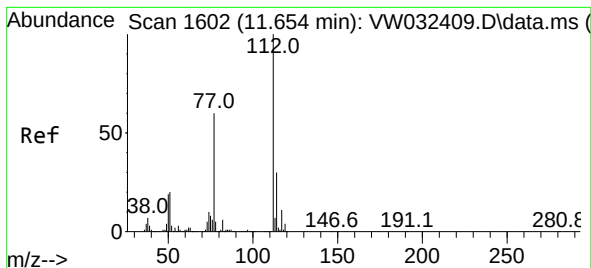
164 100

166 131.5 107.0 160.4

129 94.8 82.9 124.3

131 86.4 85.4 128.2





#65

Chlorobenzene

Concen: 54.014 ug/l

RT: 11.654 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032559.D

Acq: 26 Nov 2025 20:52

Instrument :

MSVOA_W

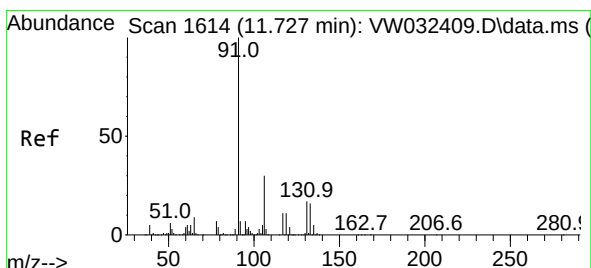
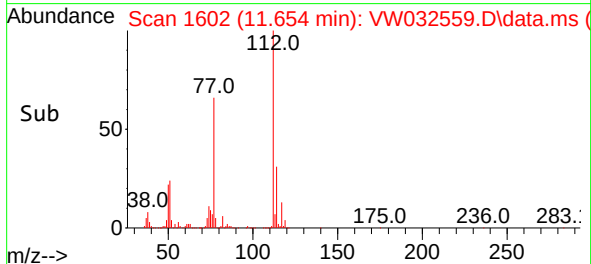
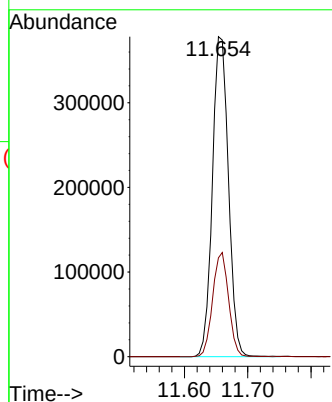
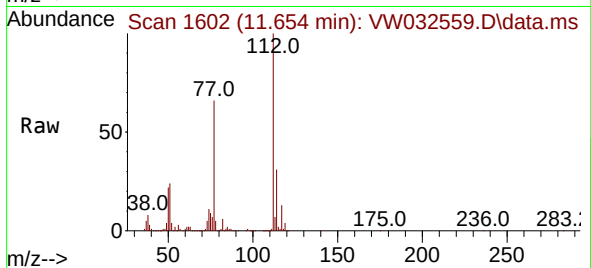
ClientSampleId :

Tgt Ion:112 Resp: 665388

Ion Ratio Lower Upper

112 100

114 30.9 24.4 36.6



#66

1,1,1,2-Tetrachloroethane

Concen: 53.537 ug/l

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW032559.D

Acq: 26 Nov 2025 20:52

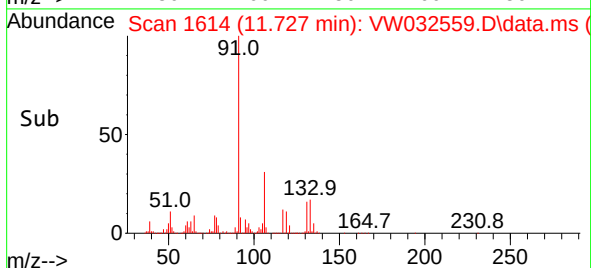
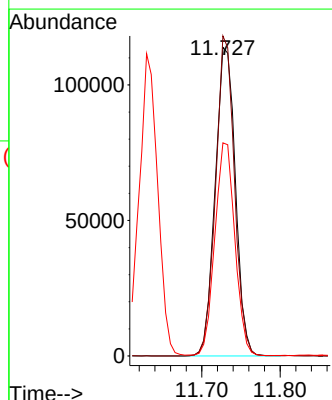
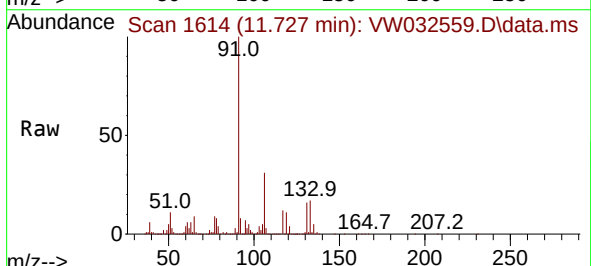
Tgt Ion:131 Resp: 204111

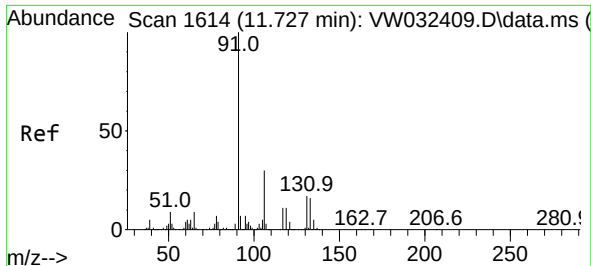
Ion Ratio Lower Upper

131 100

133 97.0 46.9 140.6

119 68.5 33.4 100.2





#67

Ethyl Benzene

Concen: 54.802 ug/l

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032559.D

Acq: 26 Nov 2025 20:52

Instrument :

MSVOA_W

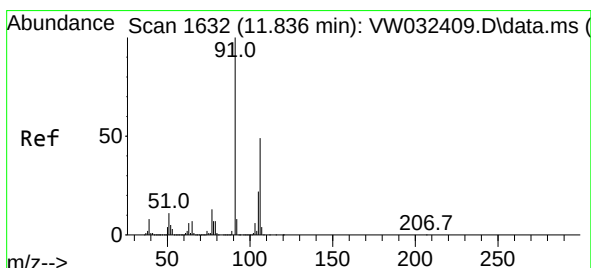
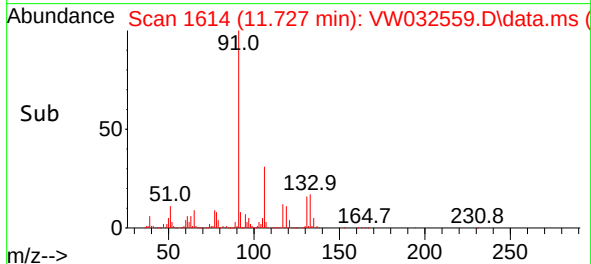
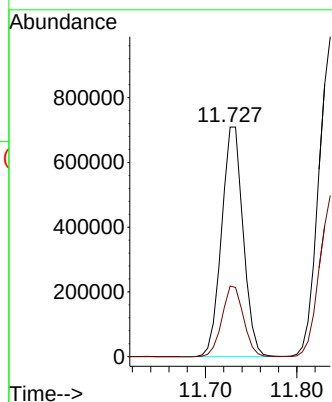
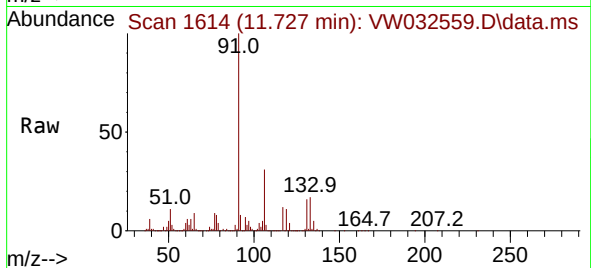
ClientSampleId :

Tgt Ion: 91 Resp: 1168132

Ion Ratio Lower Upper

91 100

106 30.7 24.2 36.2



#68

m/p-Xylenes

Concen: 111.649 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW032559.D

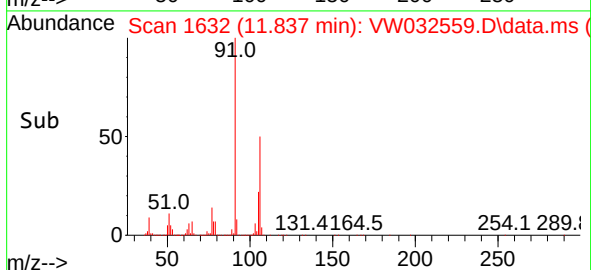
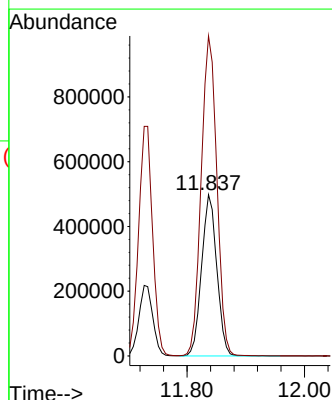
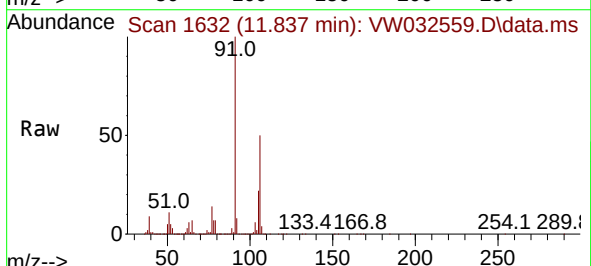
Acq: 26 Nov 2025 20:52

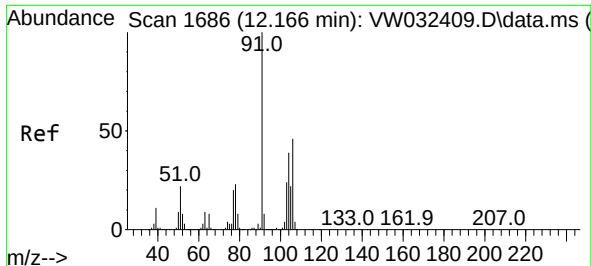
Tgt Ion:106 Resp: 893532

Ion Ratio Lower Upper

106 100

91 204.7 165.5 248.3

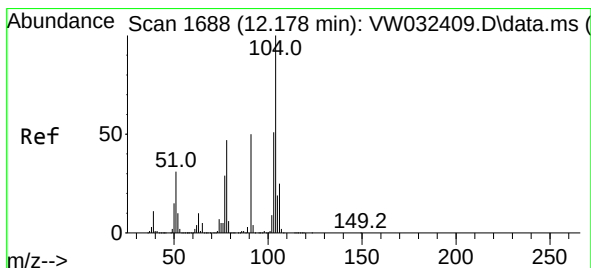
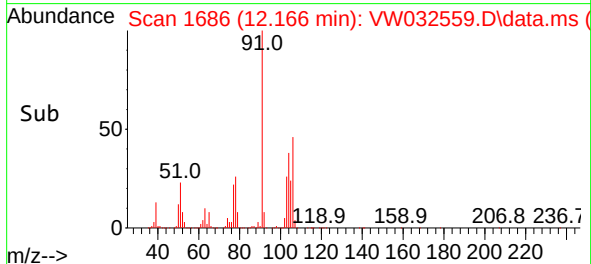
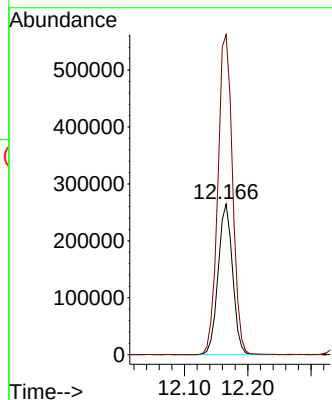
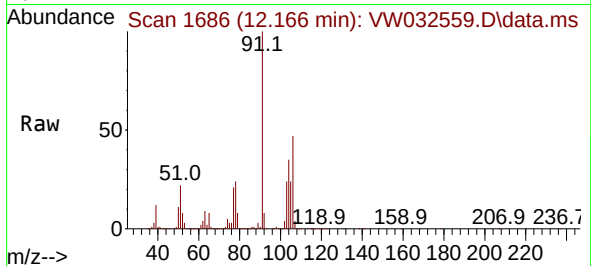




#69
o-Xylene
Concen: 54.447 ug/l
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

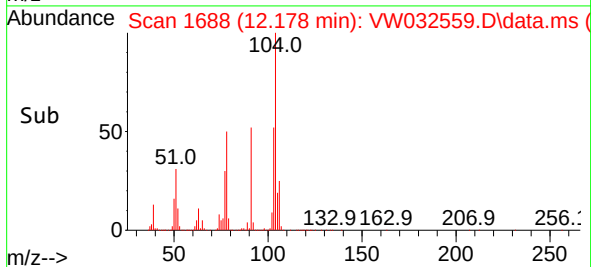
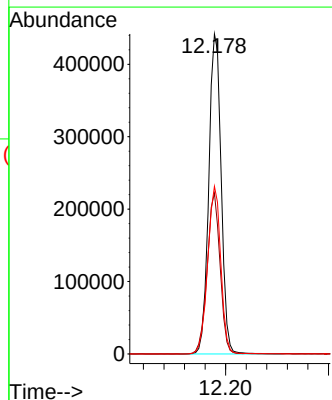
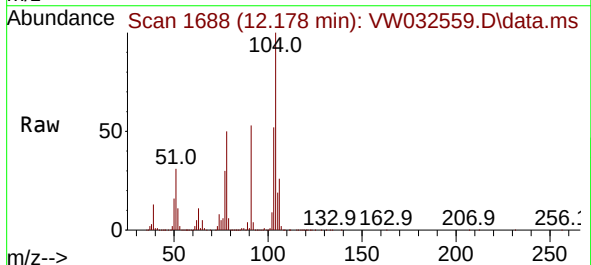
Instrument :
MSVOA_W
ClientSampleId :

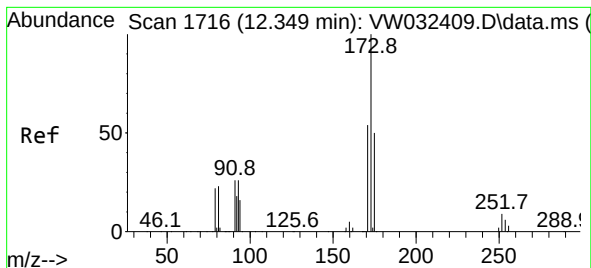
Tgt Ion:106 Resp: 417226
Ion Ratio Lower Upper
106 100
91 216.6 109.3 327.8



#70
Styrene
Concen: 56.040 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

Tgt Ion:104 Resp: 738726
Ion Ratio Lower Upper
104 100
78 52.3 40.7 61.1
103 55.3 43.9 65.9





#71

Bromoform

Concen: 49.954 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032559.D

Acq: 26 Nov 2025 20:52

Instrument :

MSVOA_W

ClientSampleId :

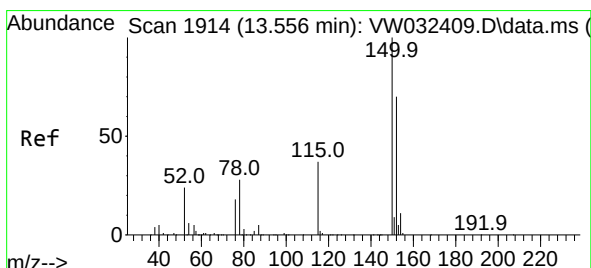
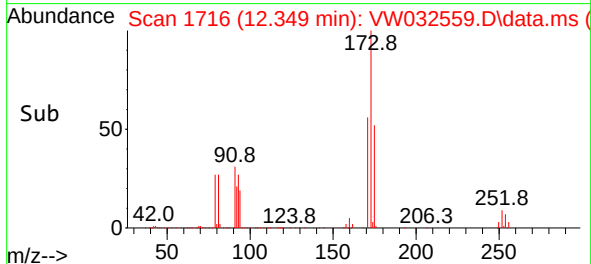
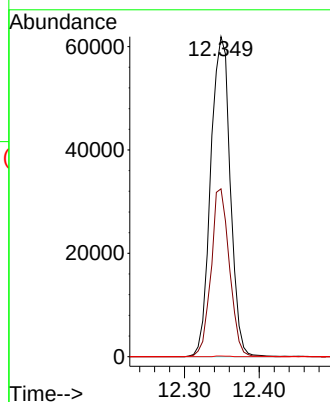
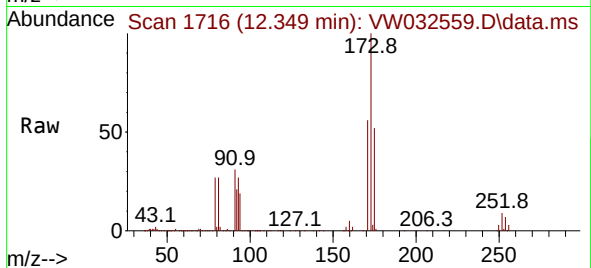
Tgt Ion:173 Resp: 112805

Ion Ratio Lower Upper

173 100

175 49.3 25.1 75.2

254 0.1 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: VW032559.D

Acq: 26 Nov 2025 20:52

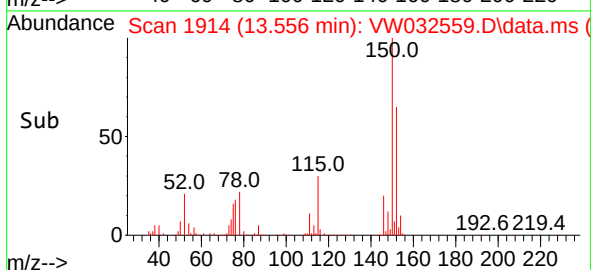
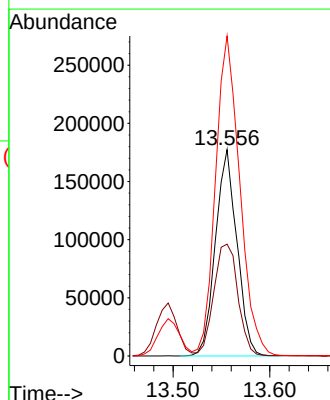
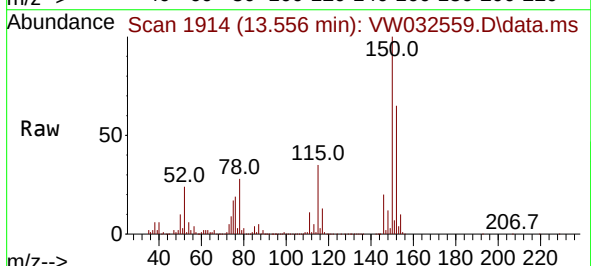
Tgt Ion:152 Resp: 274067

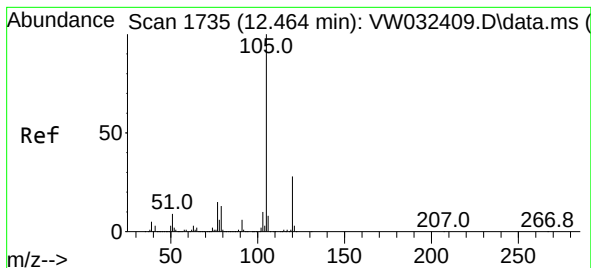
Ion Ratio Lower Upper

152 100

115 60.7 32.8 98.3

150 174.6 0.0 356.6





#73

Isopropylbenzene

Concen: 51.565 ug/l

RT: 12.465 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW032559.D

Acq: 26 Nov 2025 20:52

Instrument :

MSVOA_W

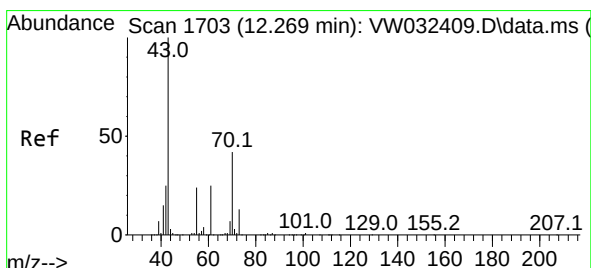
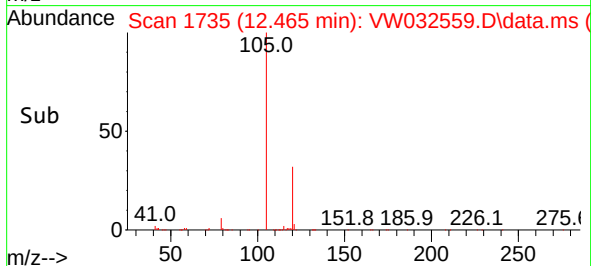
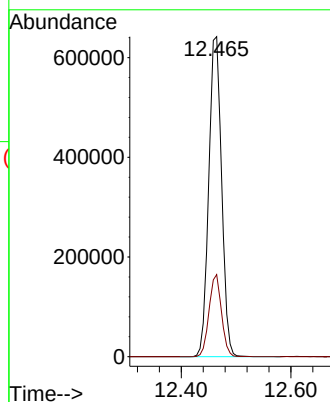
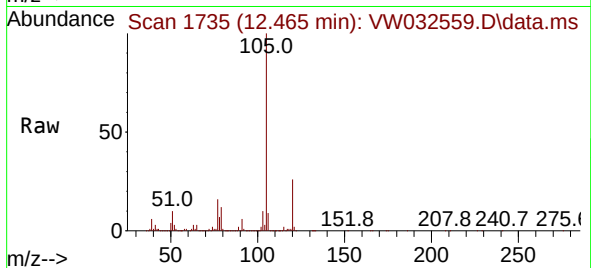
ClientSampleId :

Tgt Ion:105 Resp: 1037919

Ion Ratio Lower Upper

105 100

120 24.9 13.2 39.5



#74

N-ethyl acetate

Concen: 49.544 ug/l

RT: 12.269 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VW032559.D

Acq: 26 Nov 2025 20:52

Tgt Ion: 43 Resp: 346532

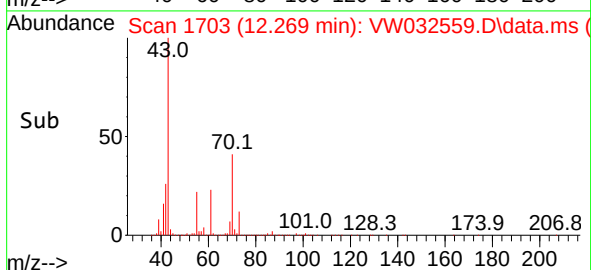
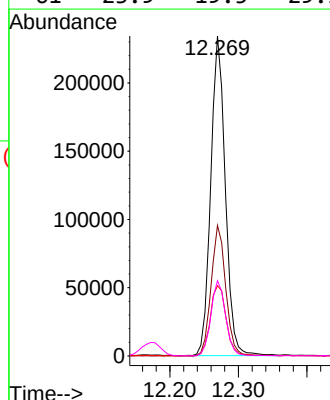
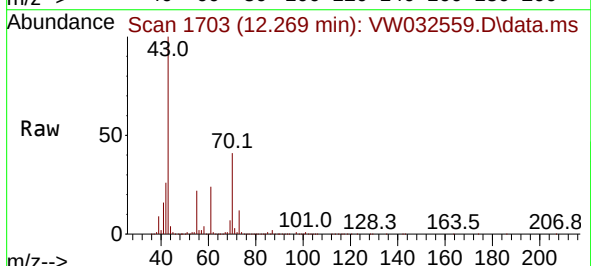
Ion Ratio Lower Upper

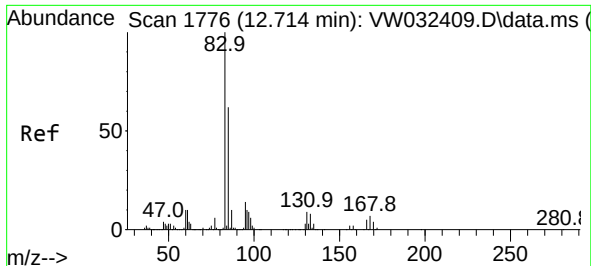
43 100

70 41.0 33.5 50.3

55 24.0 19.3 28.9

61 23.9 19.5 29.3

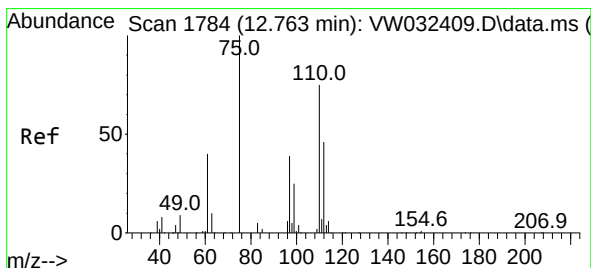
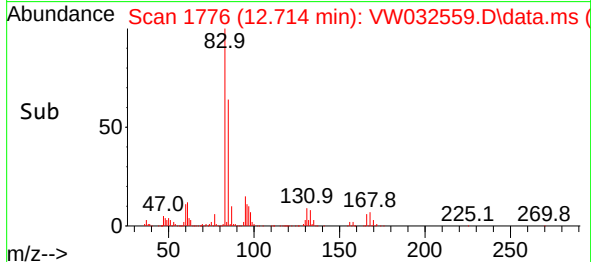
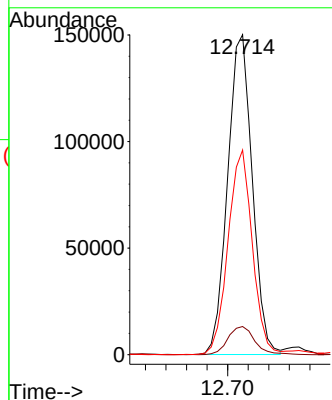
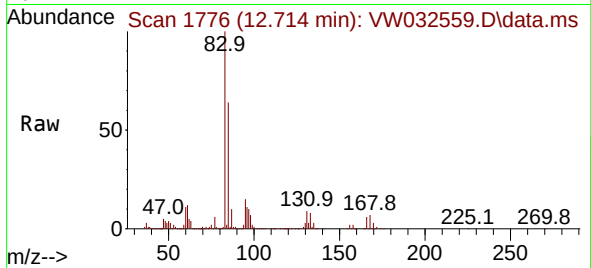




#75
1,1,2,2-Tetrachloroethane
Concen: 52.306 ug/l
RT: 12.714 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

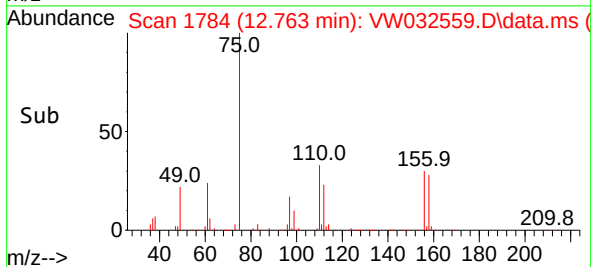
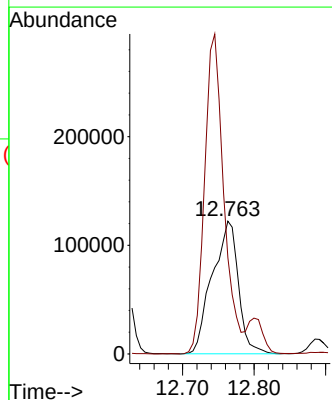
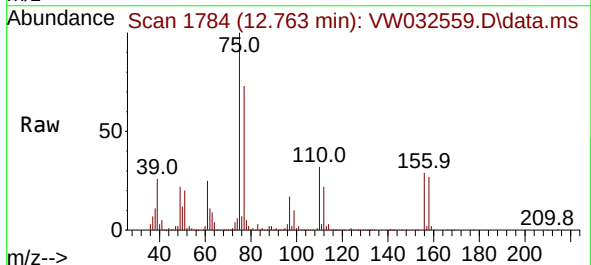
Instrument :
MSVOA_W
ClientSampleId :

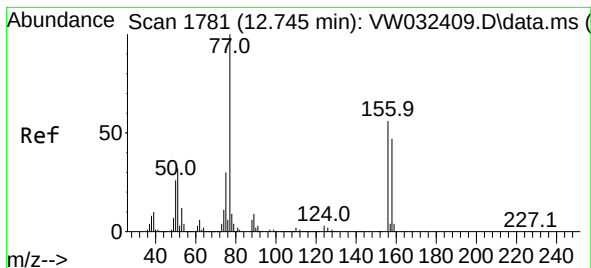
Tgt Ion: 83 Resp: 249862
Ion Ratio Lower Upper
83 100
131 9.6 5.0 14.9
85 63.3 31.6 94.8



#76
1,2,3-Trichloropropane
Concen: 82.376 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

Tgt Ion: 75 Resp: 309563
Ion Ratio Lower Upper
75 100
77 176.6 151.6 454.8

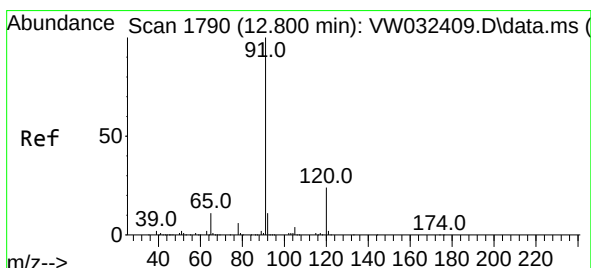
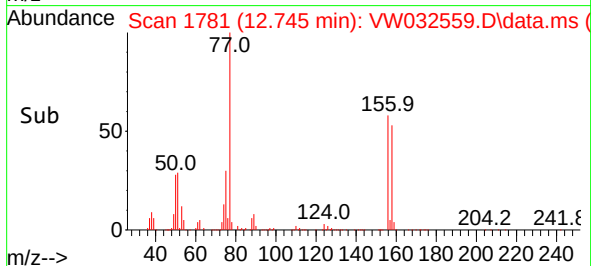
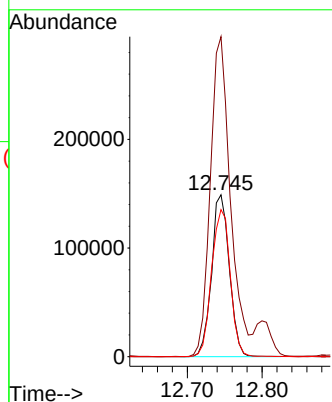
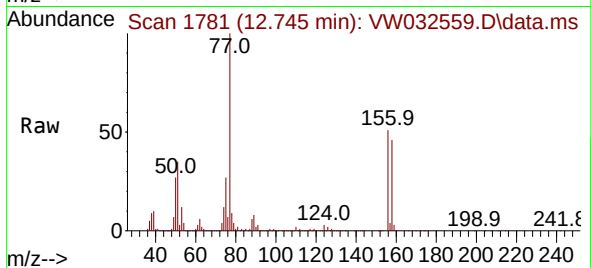




#77
Bromobenzene
Concen: 51.785 ug/l
RT: 12.745 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

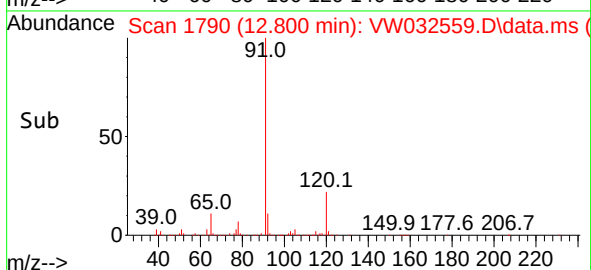
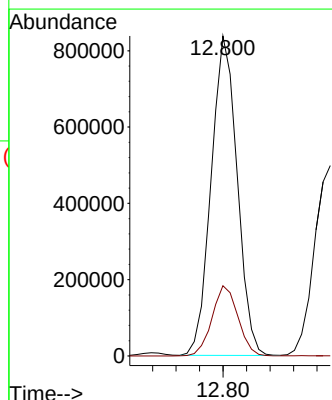
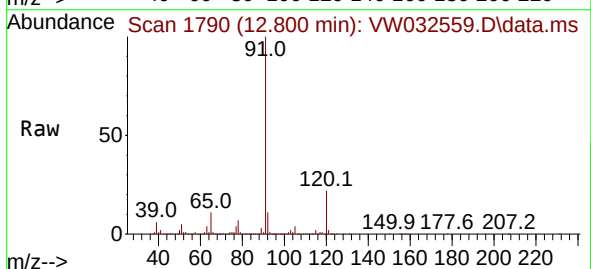
Instrument :
MSVOA_W
ClientSampleId :

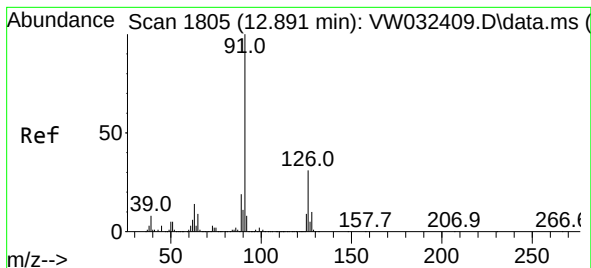
Tgt Ion:156 Resp: 246791
Ion Ratio Lower Upper
156 100
77 221.6 108.0 324.0
158 95.5 45.1 135.5



#78
n-propylbenzene
Concen: 52.580 ug/l
RT: 12.800 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

Tgt Ion: 91 Resp: 1288867
Ion Ratio Lower Upper
91 100
120 21.9 11.3 33.9

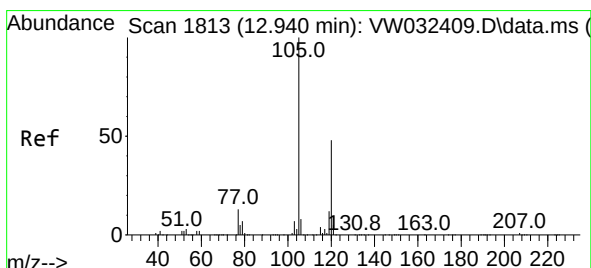
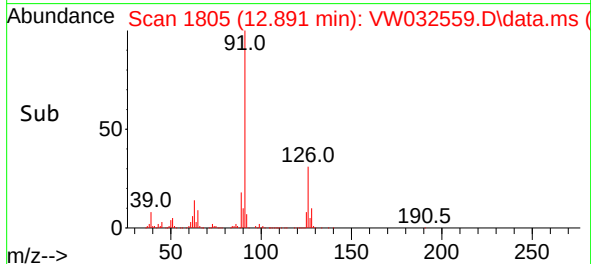
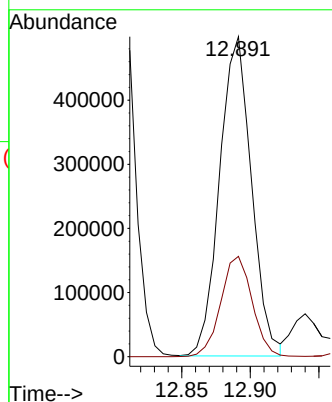
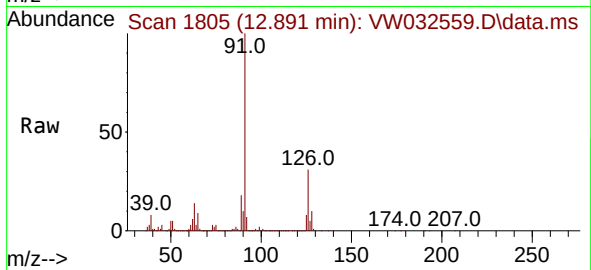




#79
2-Chlorotoluene
Concen: 53.838 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

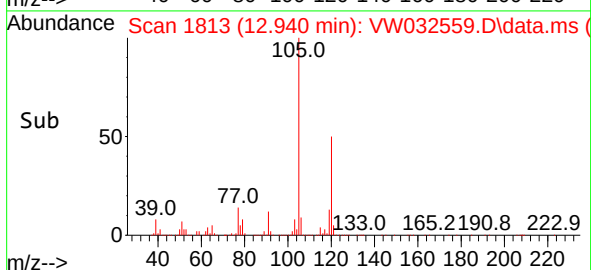
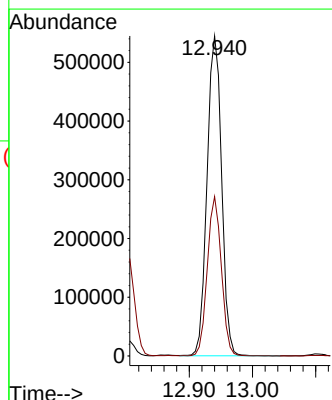
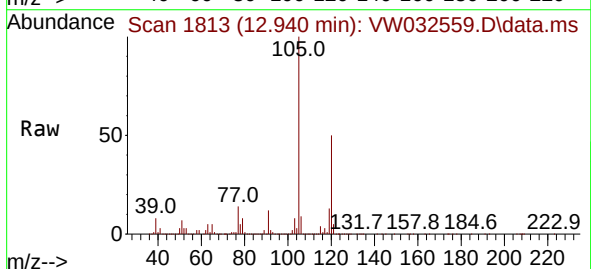
Instrument :
MSVOA_W
ClientSampleId :

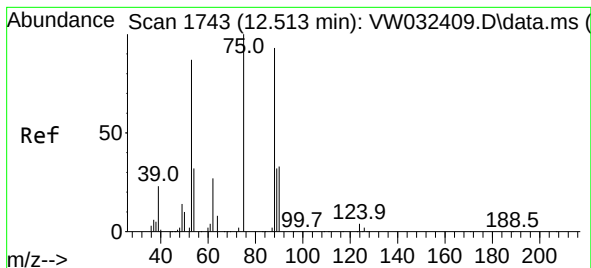
Tgt Ion: 91 Resp: 805630
Ion Ratio Lower Upper
91 100
126 31.0 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 52.537 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

Tgt Ion: 105 Resp: 872423
Ion Ratio Lower Upper
105 100
120 48.1 24.2 72.6

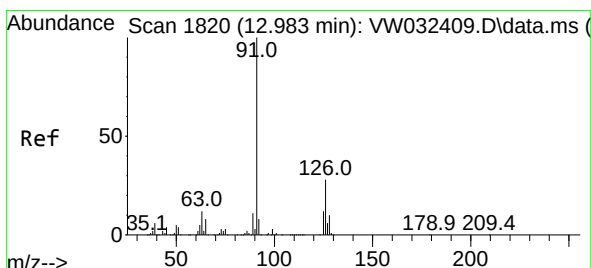
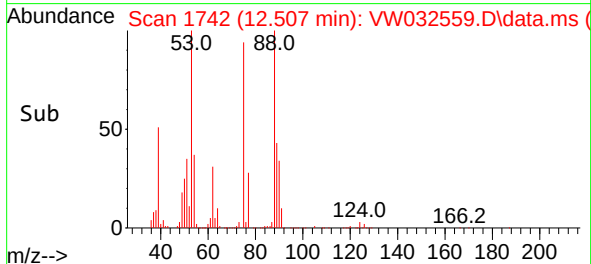
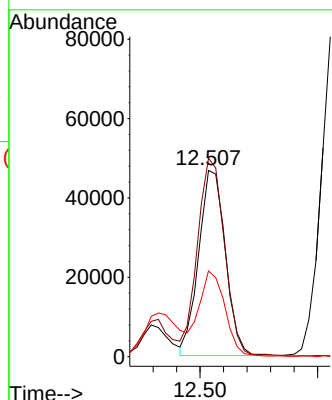
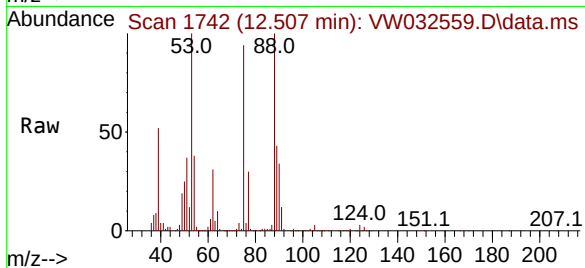




#81
trans-1,4-Dichloro-2-butene
Concen: 45.008 ug/l
RT: 12.507 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

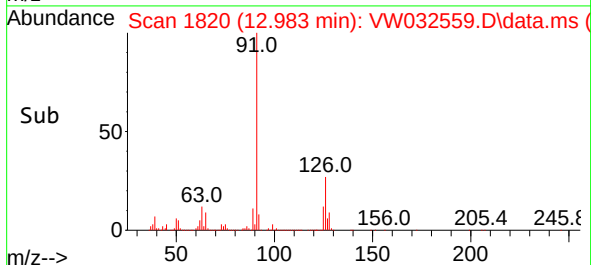
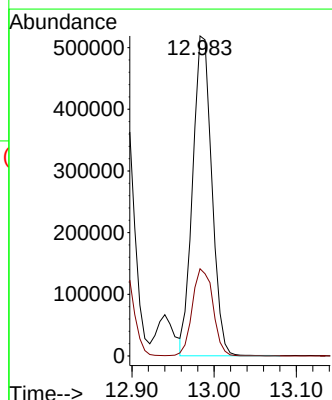
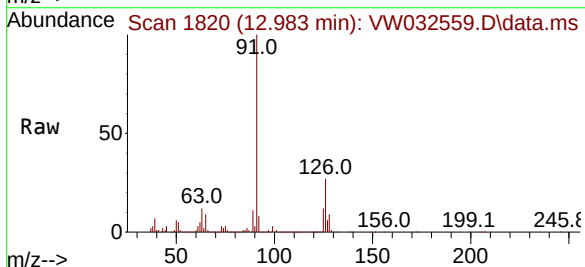
Instrument :
MSVOA_W
ClientSampleId :

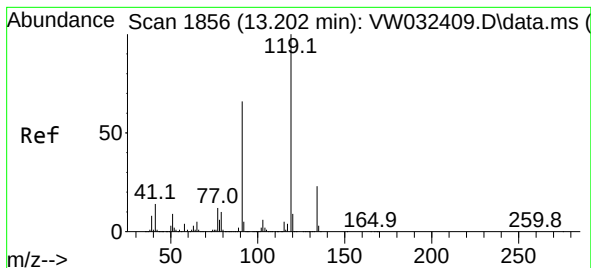
Tgt Ion: 75 Resp: 73845
Ion Ratio Lower Upper
75 100
53 108.6 77.8 116.8
89 44.8 35.6 53.4



#82
4-Chlorotoluene
Concen: 53.770 ug/l
RT: 12.983 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

Tgt Ion: 91 Resp: 836869
Ion Ratio Lower Upper
91 100
126 29.5 15.5 46.5

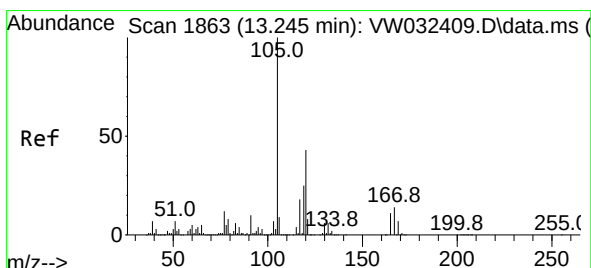
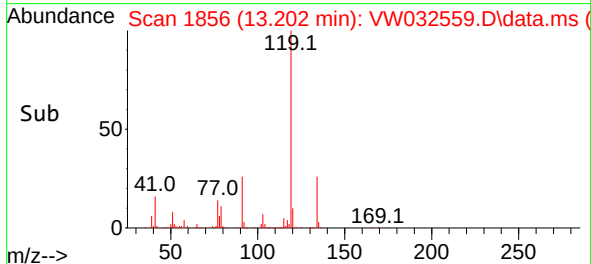
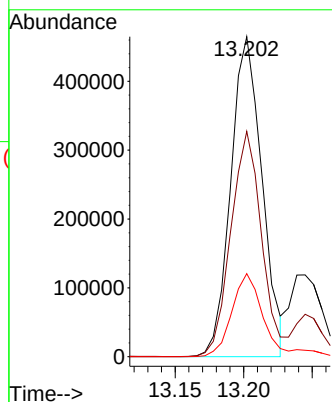
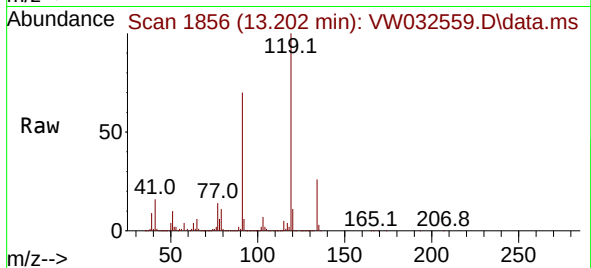




#83
tert-Butylbenzene
Concen: 51.107 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

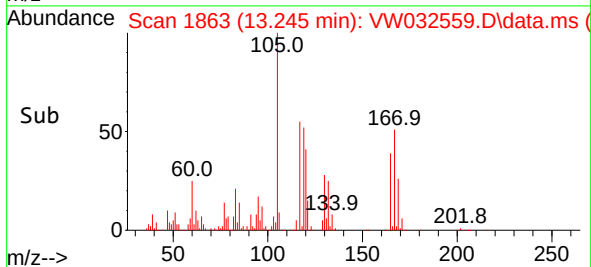
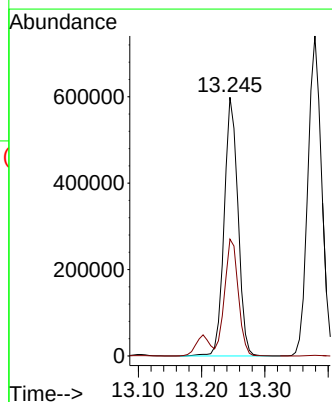
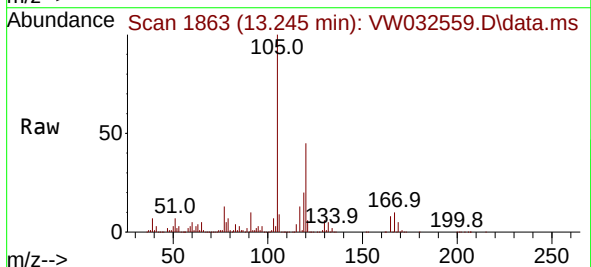
Instrument :
MSVOA_W
ClientSampleId :

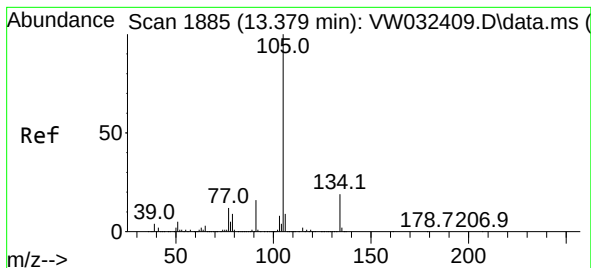
Tgt Ion:119 Resp: 738265
Ion Ratio Lower Upper
119 100
91 69.8 33.3 99.9
134 26.9 12.2 36.4



#84
1,2,4-Trimethylbenzene
Concen: 53.424 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

Tgt Ion:105 Resp: 902329
Ion Ratio Lower Upper
105 100
120 44.7 22.1 66.5

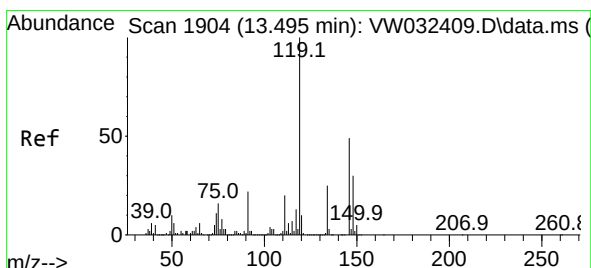
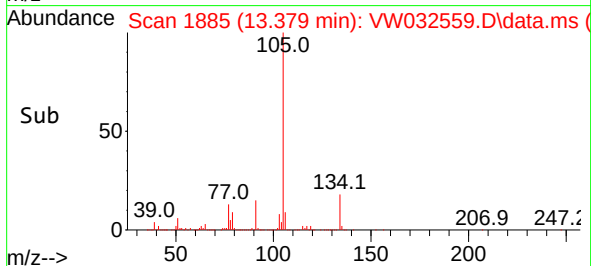
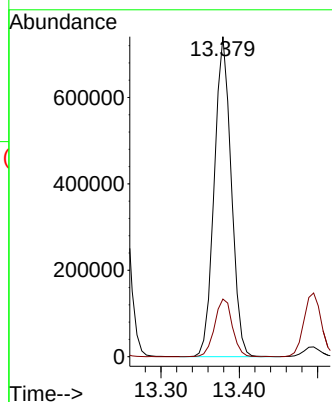
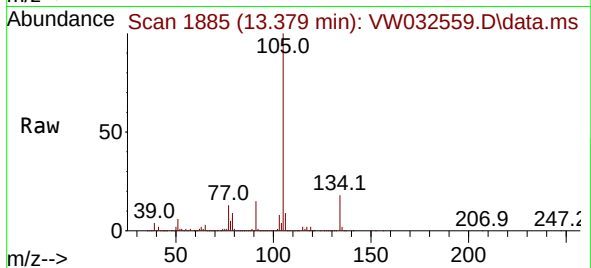




#85
 sec-Butylbenzene
 Concen: 51.746 ug/l
 RT: 13.379 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VW032559.D
 Acq: 26 Nov 2025 20:52

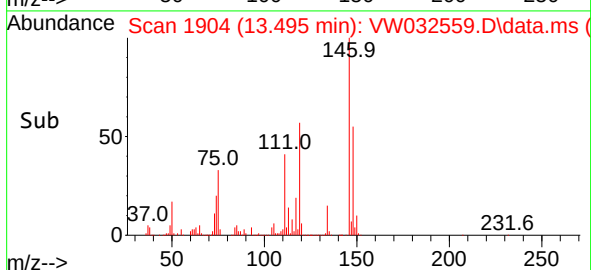
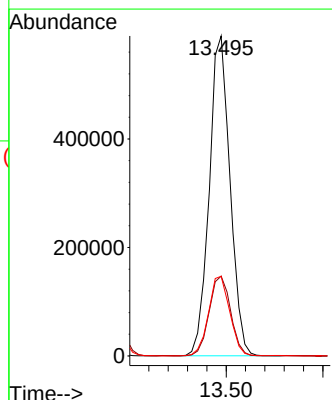
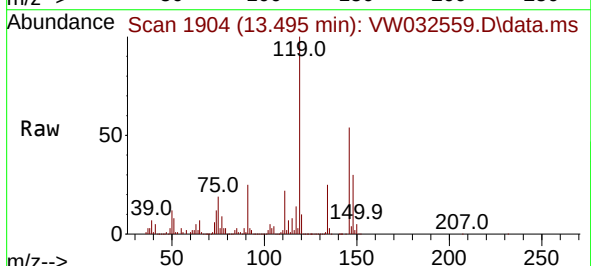
Instrument :
 MSVOA_W
 ClientSampleId :

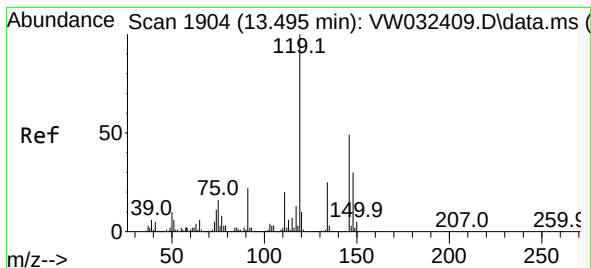
Tgt Ion:105 Resp: 1113246
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 49.561 ug/l
 RT: 13.495 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VW032559.D
 Acq: 26 Nov 2025 20:52

Tgt Ion:119 Resp: 880353
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.7 38.1
 91 25.3 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 54.523 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

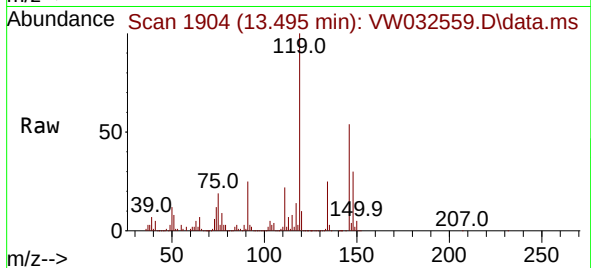
Lab File: VW032559.D

Acq: 26 Nov 2025 20:52

Instrument :

MSVOA_W

ClientSampleId :



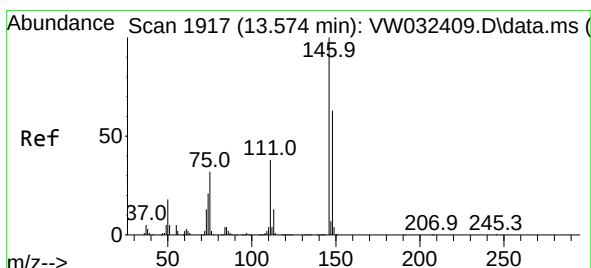
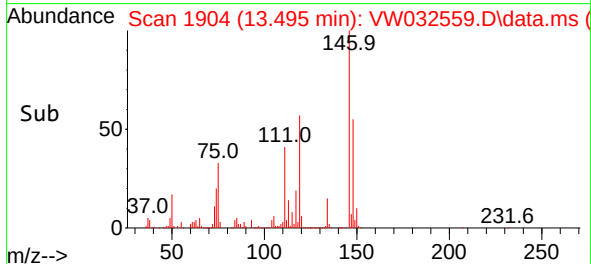
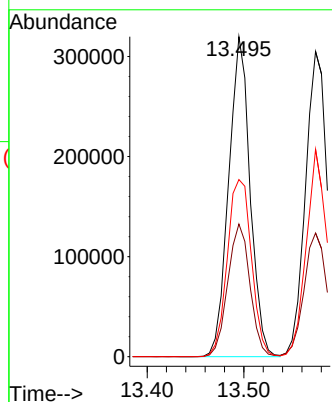
Tgt Ion:146 Resp: 492650

Ion Ratio Lower Upper

146 100

111 43.0 22.2 66.6

148 62.5 33.4 100.1



#88

1,4-Dichlorobenzene

Concen: 52.247 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW032559.D

Acq: 26 Nov 2025 20:52

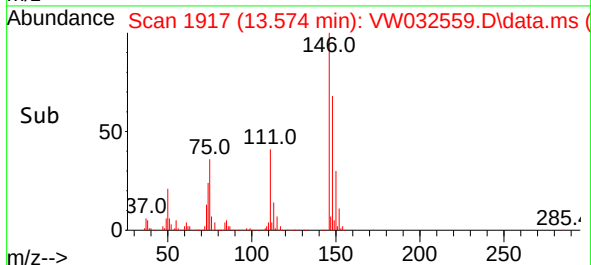
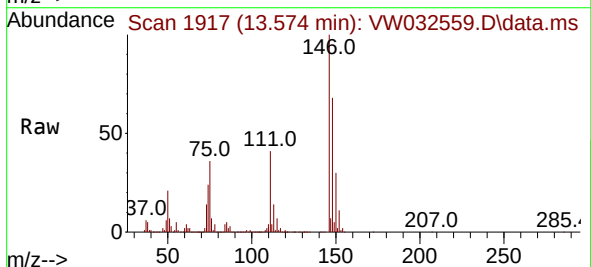
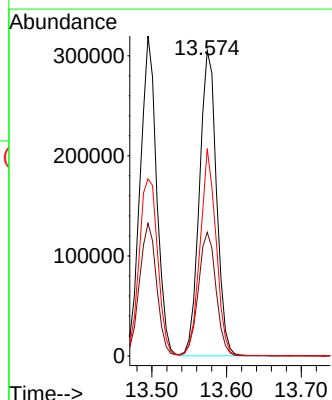
Tgt Ion:146 Resp: 483652

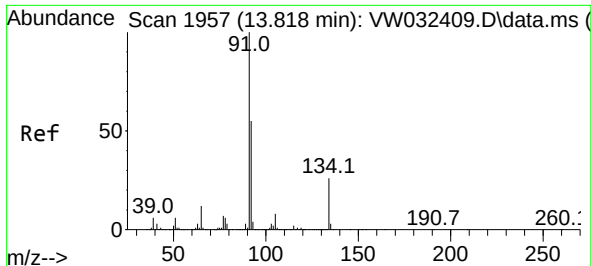
Ion Ratio Lower Upper

146 100

111 41.9 20.5 61.6

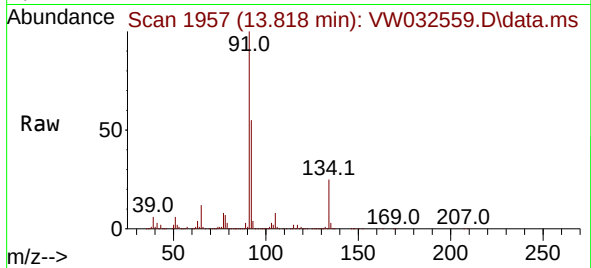
148 63.5 31.2 93.6



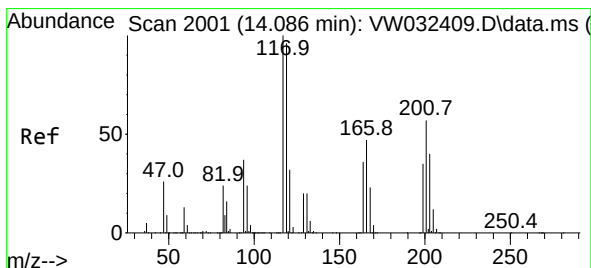
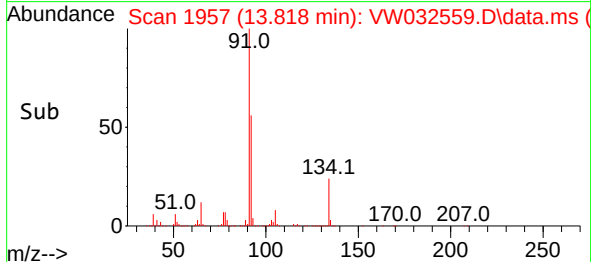
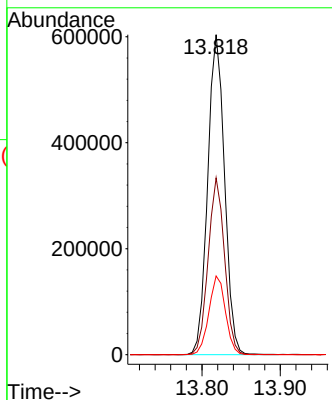


#89
n-Butylbenzene
Concen: 51.923 ug/l
RT: 13.818 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

Instrument :
MSVOA_W
ClientSampleId :

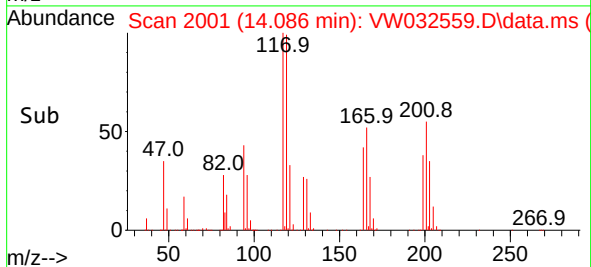
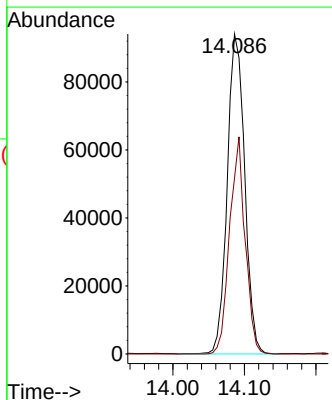
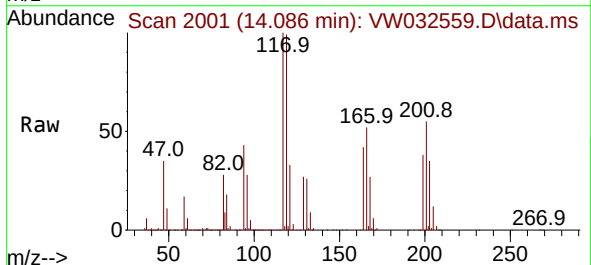


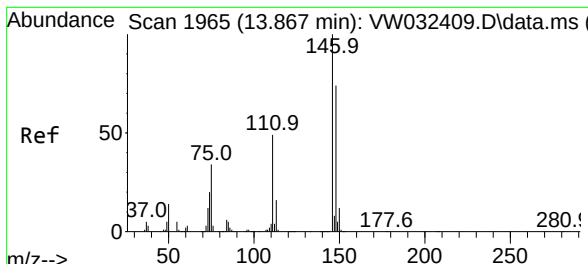
Tgt Ion: 91 Resp: 901069
Ion Ratio Lower Upper
91 100
92 53.9 27.4 82.2
134 24.2 12.4 37.4



#90
Hexachloroethane
Concen: 49.776 ug/l
RT: 14.086 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

Tgt Ion: 117 Resp: 159415
Ion Ratio Lower Upper
117 100
201 60.5 32.0 96.0

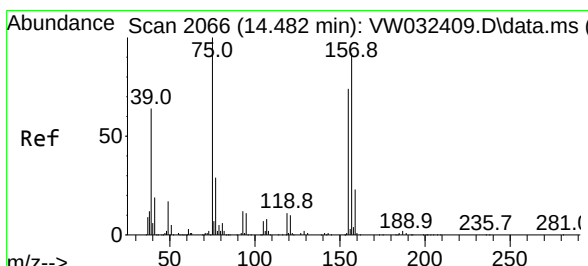
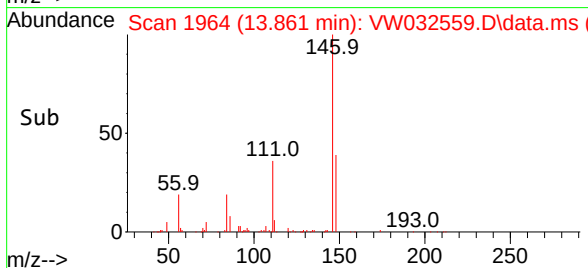
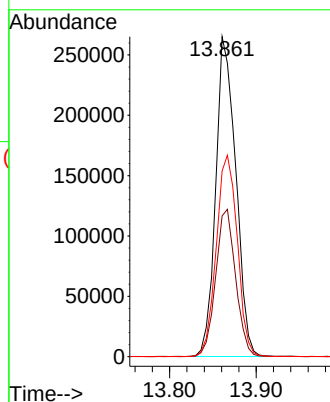
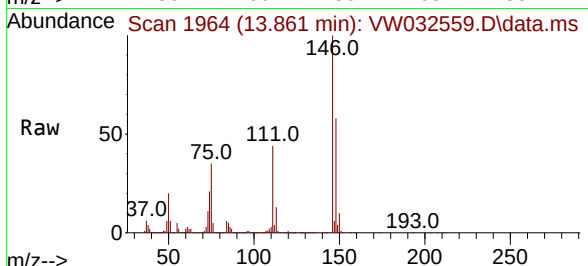




#91
 1,2-Dichlorobenzene
 Concen: 51.477 ug/l
 RT: 13.861 min Scan# 1965
 Delta R.T. -0.006 min
 Lab File: VW032559.D
 Acq: 26 Nov 2025 20:52

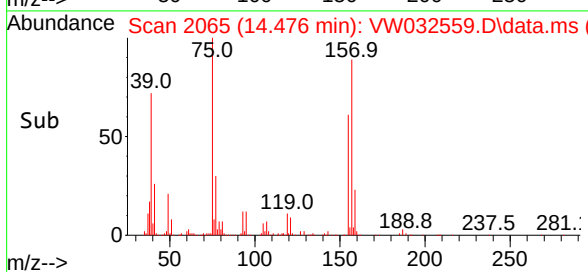
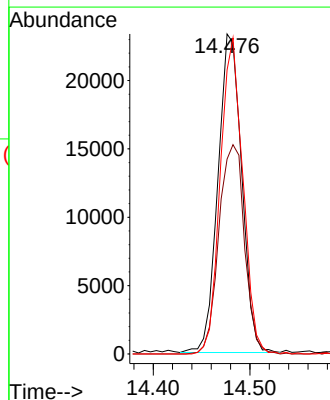
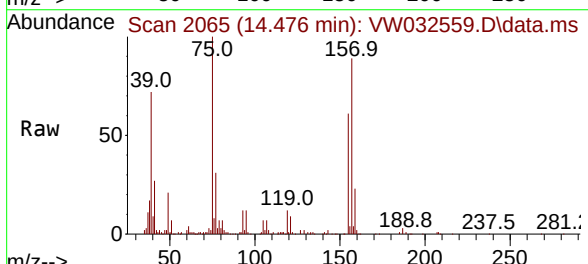
Instrument :
 MSVOA_W
 ClientSampleId :

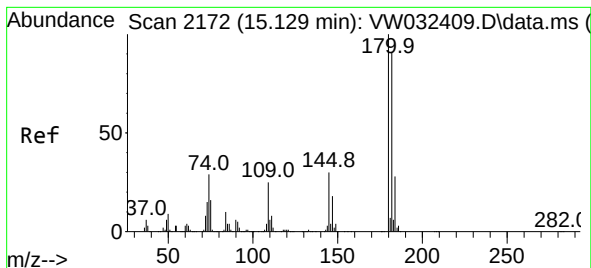
Tgt Ion:146 Resp: 426985
 Ion Ratio Lower Upper
 146 100
 111 46.0 23.4 70.2
 148 65.9 34.0 101.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.130 ug/l
 RT: 14.476 min Scan# 2065
 Delta R.T. -0.006 min
 Lab File: VW032559.D
 Acq: 26 Nov 2025 20:52

Tgt Ion: 75 Resp: 39608
 Ion Ratio Lower Upper
 75 100
 155 70.9 36.2 108.6
 157 94.3 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 50.086 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW032559.D

Acq: 26 Nov 2025 20:52

Instrument :

MSVOA_W

ClientSampleId :

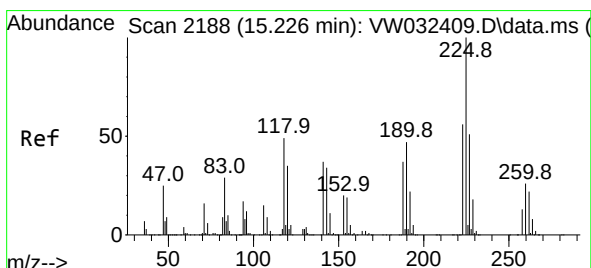
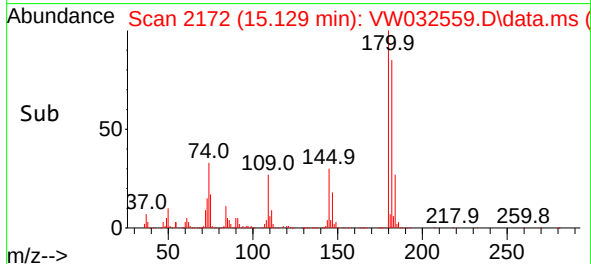
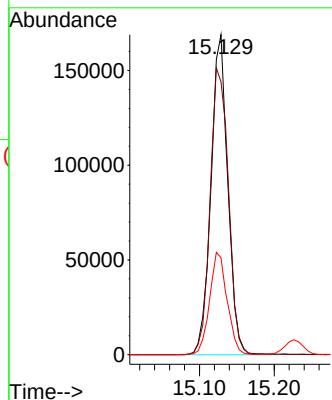
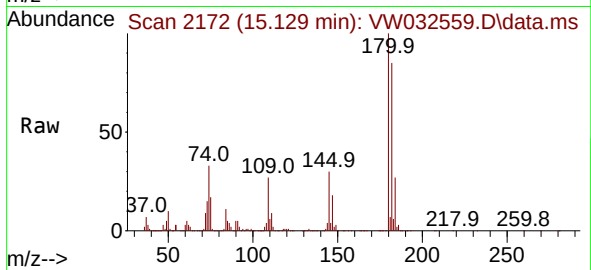
Tgt Ion:180 Resp: 264377

Ion Ratio Lower Upper

180 100

182 97.2 45.3 135.9

145 33.3 16.2 48.5



#94

Hexachlorobutadiene

Concen: 51.802 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VW032559.D

Acq: 26 Nov 2025 20:52

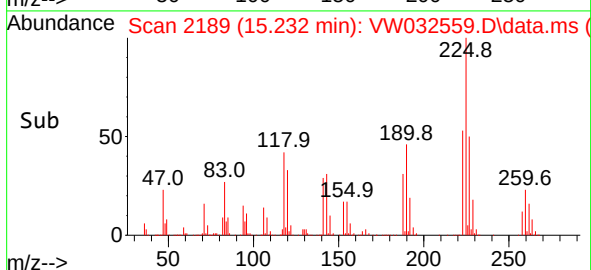
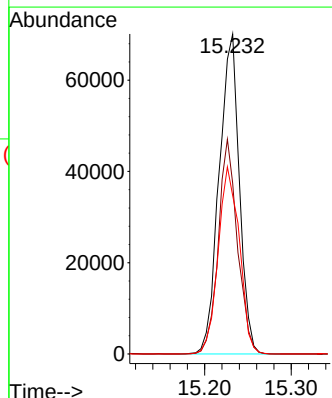
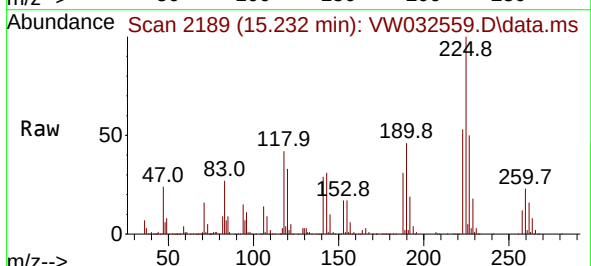
Tgt Ion:225 Resp: 113583

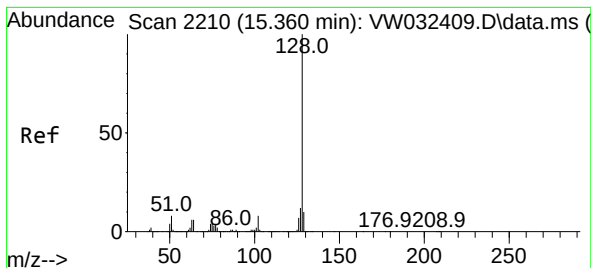
Ion Ratio Lower Upper

225 100

223 63.5 30.6 91.8

227 61.3 29.8 89.4

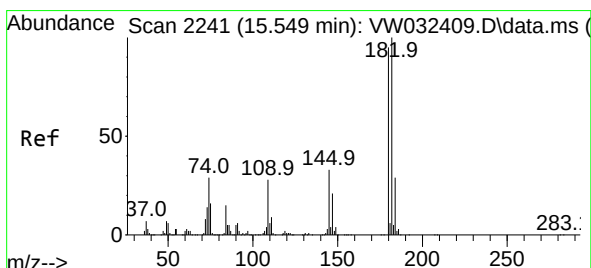
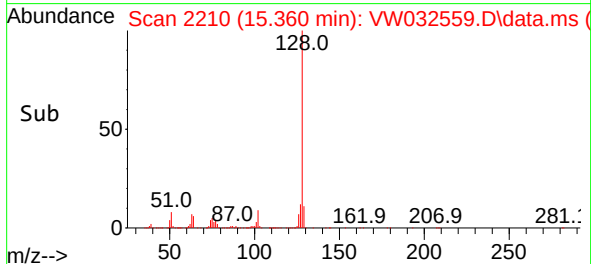
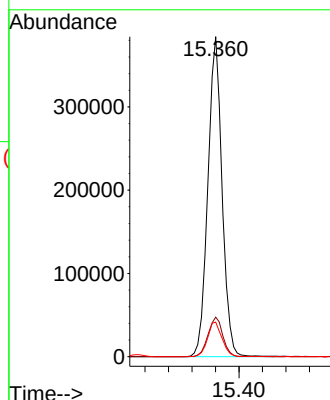
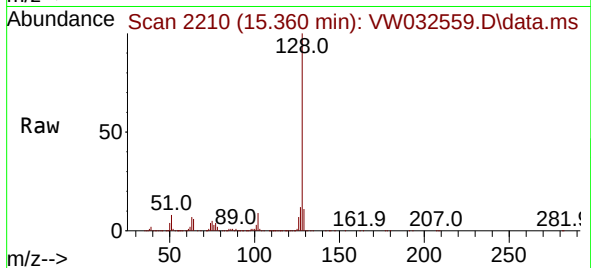




#95
Naphthalene
Concen: 48.967 ug/l
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 644536
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.1 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 49.068 ug/l
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW032559.D
Acq: 26 Nov 2025 20:52

Tgt Ion:180 Resp: 235143
Ion Ratio Lower Upper
180 100
182 96.0 50.3 151.0
145 36.1 17.8 53.3

