

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
 Data File : VW031836.D
 Acq On : 14 Jul 2025 09:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 15 02:38:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	228359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	408363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	364073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	165994	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	163719	49.957	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	99.920%
35) Dibromofluoromethane	7.904	113	135594	50.884	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	101.760%
50) Toluene-d8	10.325	98	501344	50.556	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	101.120%
62) 4-Bromofluorobenzene	12.617	95	190344	52.159	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	104.320%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.046	85	63969	41.132	ug/l 96
3) Chloromethane	2.259	50	86331	46.044	ug/l 100
4) Vinyl Chloride	2.405	62	121195	49.178	ug/l 99
5) Bromomethane	2.826	94	91454	47.511	ug/l 94
6) Chloroethane	2.972	64	81712	48.812	ug/l 99
7) Trichlorofluoromethane	3.302	101	104149	46.535	ug/l 96
8) Diethyl Ether	3.722	74	89402	52.568	ug/l 98
9) 1,1,2-Trichlorotrifluo...	4.100	101	121817	49.037	ug/l 99
10) Methyl Iodide	4.301	142	179422	46.850	ug/l 99
11) Tert butyl alcohol	5.228	59	47679	234.834	ug/l 98
12) 1,1-Dichloroethene	4.082	96	134474	49.420	ug/l 97
13) Acrolein	3.929	56	74569	204.345	ug/l 97
14) Allyl chloride	4.704	41	218285	52.285	ug/l 98
15) Acrylonitrile	5.405	53	207277	247.845	ug/l 100
16) Acetone	4.161	43	166058	205.003	ug/l 97
17) Carbon Disulfide	4.417	76	339643	46.646	ug/l 98
18) Methyl Acetate	4.704	43	121927	52.667	ug/l 99
19) Methyl tert-butyl Ether	5.466	73	257679	55.794	ug/l 99
20) Methylene Chloride	4.954	84	171174	53.404	ug/l 98
21) trans-1,2-Dichloroethene	5.454	96	144928	50.126	ug/l 95
22) Diisopropyl ether	6.338	45	457833	56.229	ug/l 98
23) Vinyl Acetate	6.283	43	1479600	266.040	ug/l 99
24) 1,1-Dichloroethane	6.246	63	276940	52.462	ug/l 99
25) 2-Butanone	7.191	43	260514	247.209	ug/l 99
26) 2,2-Dichloropropane	7.185	77	151089	49.055	ug/l 99
27) cis-1,2-Dichloroethene	7.191	96	180662	54.359	ug/l 98
28) Bromochloromethane	7.526	49	123572	53.046	ug/l 98
29) Tetrahydrofuran	7.551	42	180200	249.693	ug/l 99
30) Chloroform	7.691	83	298589	53.231	ug/l 98
31) Cyclohexane	7.971	56	223869	47.976	ug/l 96
32) 1,1,1-Trichloroethane	7.886	97	218753	50.605	ug/l 99
36) 1,1-Dichloropropene	8.093	75	200704	52.050	ug/l 99
37) Ethyl Acetate	7.270	43	121937	50.129	ug/l 99
38) Carbon Tetrachloride	8.087	117	198434	50.500	ug/l 97
39) Methylcyclohexane	9.343	83	243562	50.768	ug/l 98
40) Benzene	8.337	78	609486	53.424	ug/l 98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.496	41	68476	52.550	ug/l	96
42) 1,2-Dichloroethane	8.410	62	205872	53.407	ug/l	99
43) Isopropyl Acetate	8.435	43	221026	52.713	ug/l	99
44) Trichloroethene	9.099	130	145311	51.032	ug/l	99
45) 1,2-Dichloropropane	9.374	63	151020	54.772	ug/l	97
46) Dibromomethane	9.465	93	94610	53.148	ug/l	95
47) Bromodichloromethane	9.648	83	227412	54.479	ug/l	99
48) Methyl methacrylate	9.441	41	109666	53.191	ug/l	97
49) 1,4-Dioxane	9.471	88	20626	989.318	ug/l #	100
51) 4-Methyl-2-Pentanone	10.215	43	626257	259.792	ug/l	99
52) Toluene	10.392	92	394081	53.951	ug/l	96
53) t-1,3-Dichloropropene	10.611	75	219316	55.997	ug/l	97
54) cis-1,3-Dichloropropene	10.075	75	248851	56.048	ug/l	98
55) 1,1,2-Trichloroethane	10.788	97	125673	53.895	ug/l	96
56) Ethyl methacrylate	10.648	69	181859	57.487	ug/l	98
57) 1,3-Dichloropropane	10.934	76	222671	54.390	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.928	63	453835	260.532	ug/l	98
59) 2-Hexanone	10.971	43	430301	263.418	ug/l	99
60) Dibromochloromethane	11.129	129	152023	54.520	ug/l	100
61) 1,2-Dibromoethane	11.239	107	122012	52.269	ug/l	96
64) Tetrachloroethene	10.867	164	115170	48.361	ug/l	95
65) Chlorobenzene	11.654	112	419361	52.207	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.727	131	135360	52.880	ug/l	98
67) Ethyl Benzene	11.733	91	740477	53.161	ug/l	98
68) m/p-Xylenes	11.837	106	572560	106.930	ug/l	100
69) o-Xylene	12.166	106	273433	55.153	ug/l	97
70) Styrene	12.178	104	465805	54.348	ug/l	99
71) Bromoform	12.349	173	78814	51.612	ug/l	99
73) Isopropylbenzene	12.464	105	692398	54.837	ug/l	99
74) N-amyl acetate	12.269	43	198710	58.389	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.708	83	152803	54.511	ug/l	100
76) 1,2,3-Trichloropropane	12.763	75	197493	92.067	ug/l	43
77) Bromobenzene	12.745	156	150491	53.439	ug/l	95
78) n-propylbenzene	12.800	91	836655	55.335	ug/l	100
79) 2-Chlorotoluene	12.885	91	524436	57.600	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	589302	56.384	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.507	75	51795	56.239	ug/l	98
82) 4-Chlorotoluene	12.989	91	535657	56.037	ug/l	98
83) tert-Butylbenzene	13.202	119	508480	56.796	ug/l	96
84) 1,2,4-Trimethylbenzene	13.245	105	600386	56.696	ug/l	96
85) sec-Butylbenzene	13.379	105	740756	55.125	ug/l	99
86) p-Isopropyltoluene	13.495	119	600369	54.212	ug/l	99
87) 1,3-Dichlorobenzene	13.495	146	310240	54.933	ug/l	97
88) 1,4-Dichlorobenzene	13.574	146	301024	52.075	ug/l	97
89) n-Butylbenzene	13.818	91	596003	55.390	ug/l	100
90) Hexachloroethane	14.086	117	107848	53.979	ug/l	98
91) 1,2-Dichlorobenzene	13.867	146	277144	53.691	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.476	75	27594	50.415	ug/l	96
93) 1,2,4-Trichlorobenzene	15.123	180	163066	51.224	ug/l	98
94) Hexachlorobutadiene	15.232	225	77336	50.310	ug/l	90
95) Naphthalene	15.360	128	424393	54.377	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	158213	54.088	ug/l	98

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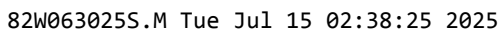
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

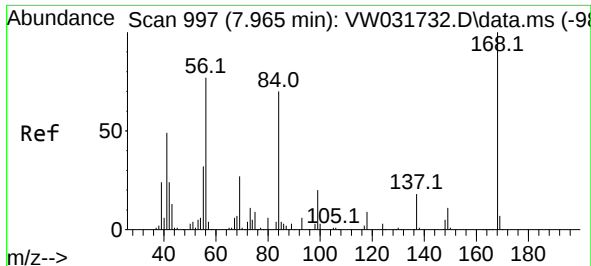
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Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

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

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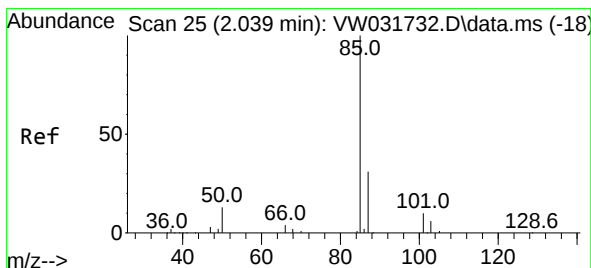
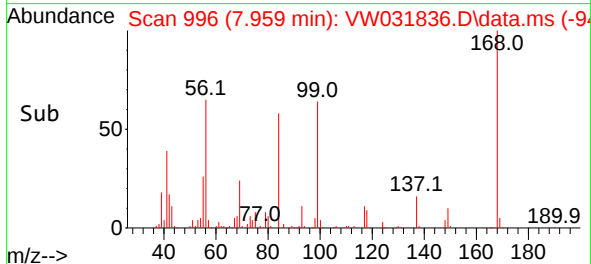
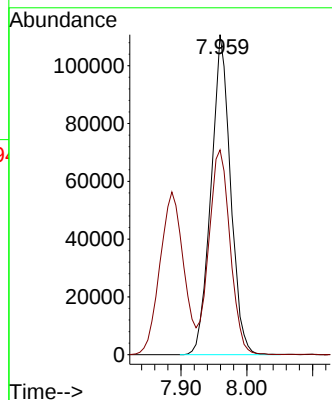
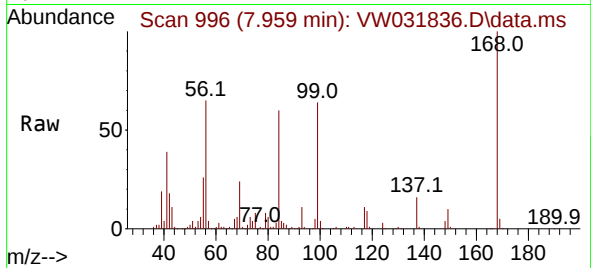




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 99
Delta R.T. -0.006 min
Lab File: VW031836.D
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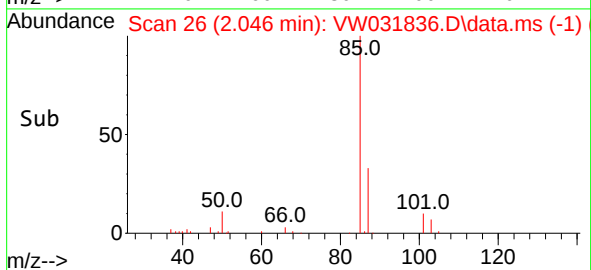
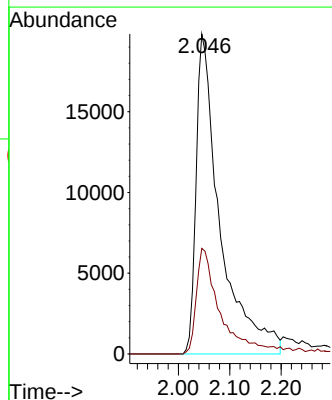
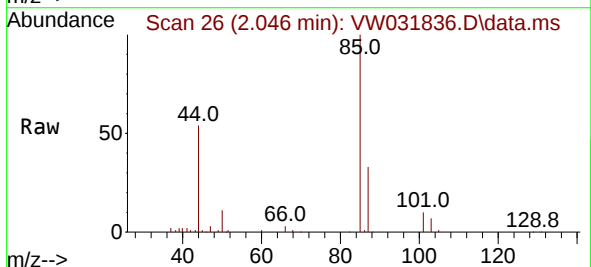
Instrument :
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ClientSampleId :
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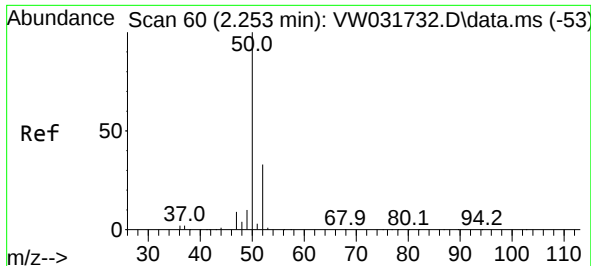
Tgt Ion:168 Resp: 228359
Ion Ratio Lower Upper
168 100
99 63.9 49.4 74.2



#2
Dichlorodifluoromethane
Concen: 41.132 ug/l
RT: 2.046 min Scan# 26
Delta R.T. 0.006 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

Tgt Ion: 85 Resp: 63969
Ion Ratio Lower Upper
85 100
87 33.0 15.4 46.2

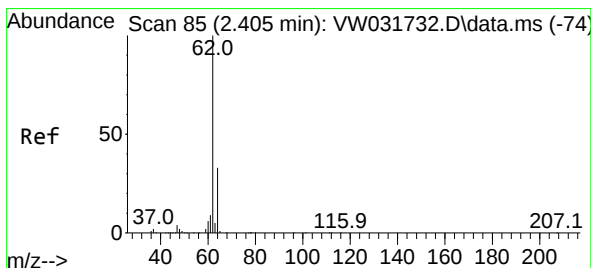
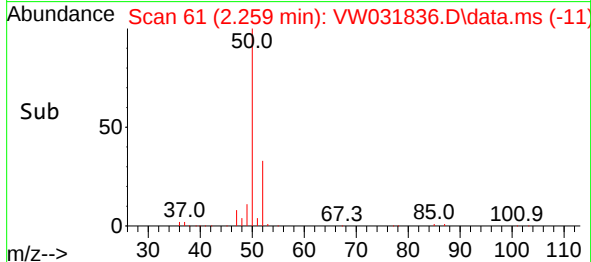
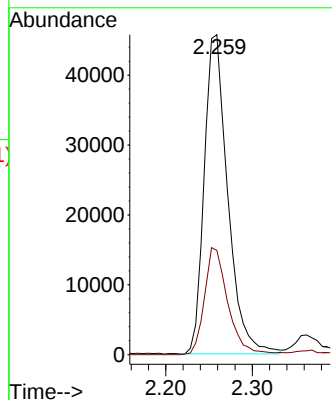
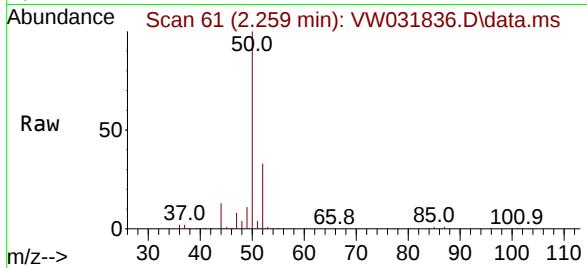




#3
Chloromethane
Concen: 46.044 ug/l
RT: 2.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

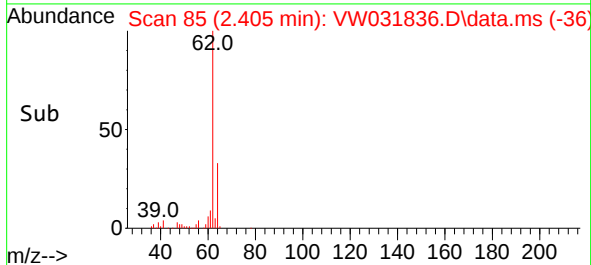
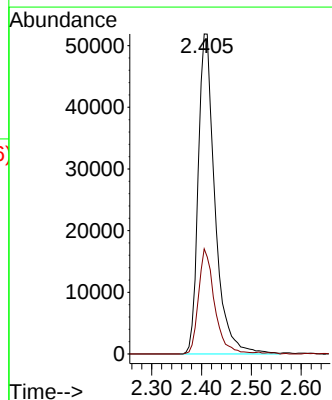
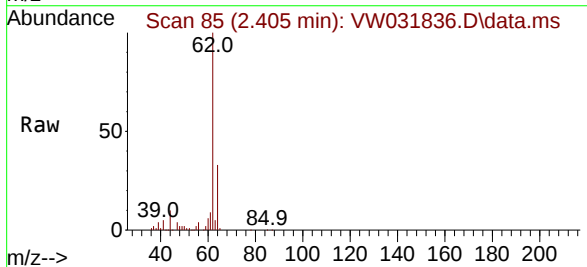
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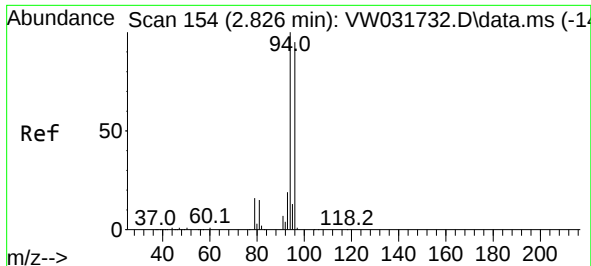
Tgt Ion: 50 Resp: 86331
Ion Ratio Lower Upper
50 100
52 32.7 26.2 39.2



#4
Vinyl Chloride
Concen: 49.178 ug/l
RT: 2.405 min Scan# 85
Delta R.T. 0.000 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

Tgt Ion: 62 Resp: 121195
Ion Ratio Lower Upper
62 100
64 32.9 26.8 40.2

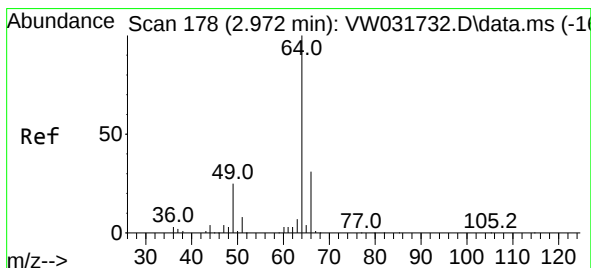
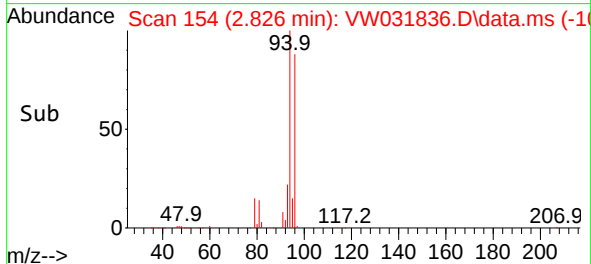
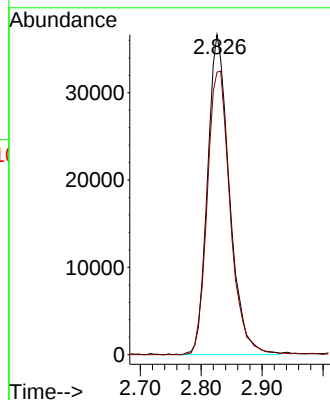
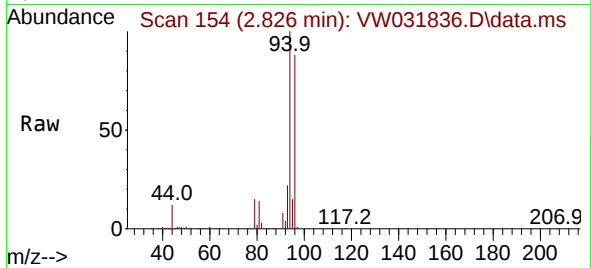




#5
Bromomethane
Concen: 47.511 ug/l
RT: 2.826 min Scan# 154
Delta R.T. 0.000 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

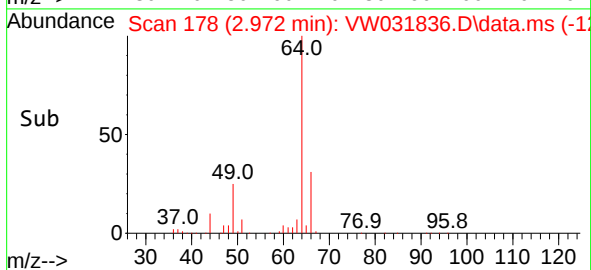
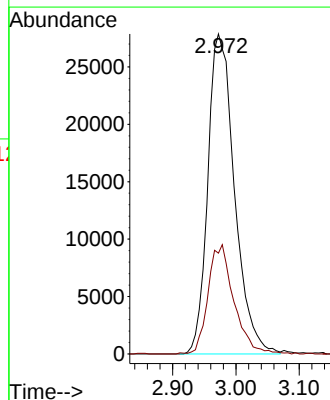
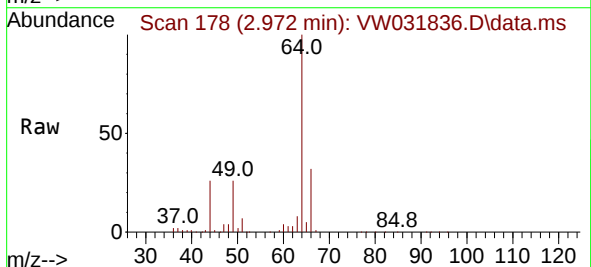
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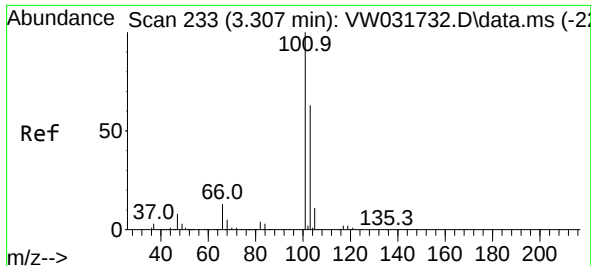
Tgt Ion: 94 Resp: 91454
Ion Ratio Lower Upper
94 100
96 88.3 75.6 113.4



#6
Chloroethane
Concen: 48.812 ug/l
RT: 2.972 min Scan# 178
Delta R.T. 0.000 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

Tgt Ion: 64 Resp: 81712
Ion Ratio Lower Upper
64 100
66 31.1 24.5 36.7

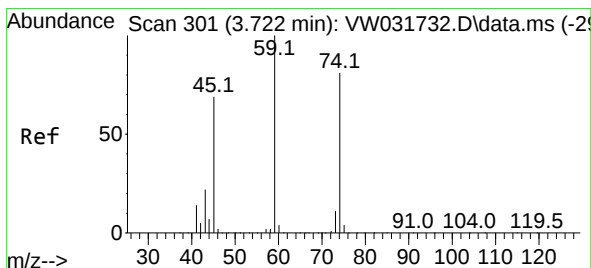
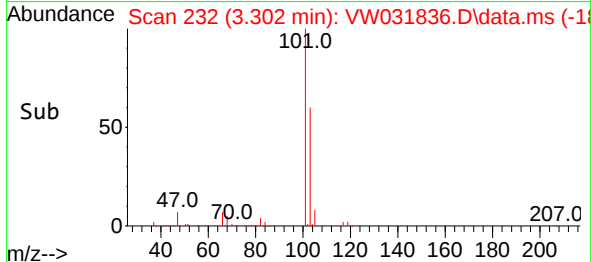
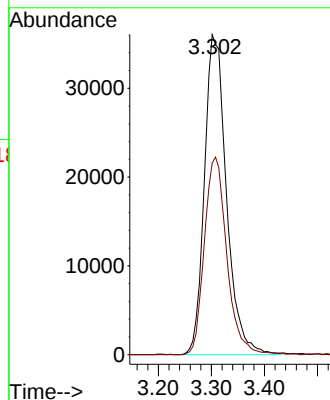
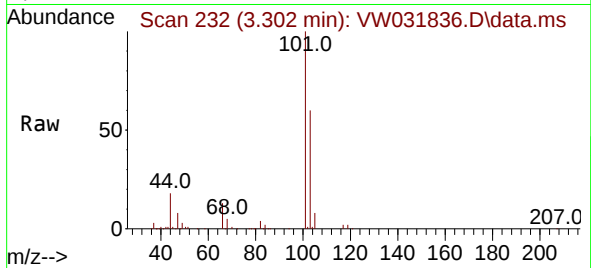




#7
 Trichlorofluoromethane
 Concen: 46.535 ug/l
 RT: 3.302 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW031836.D
 Acq: 14 Jul 2025 09:17

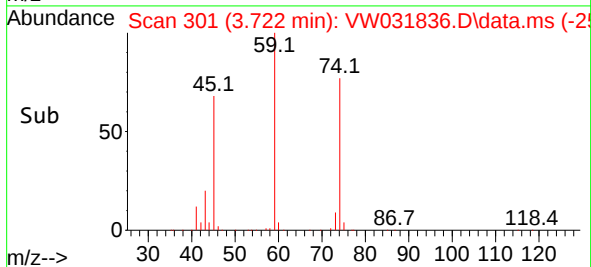
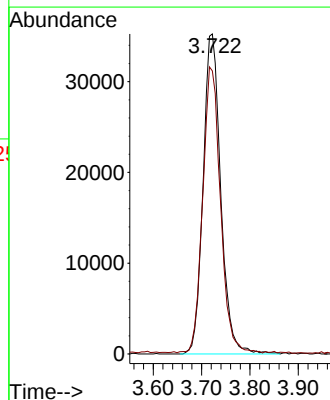
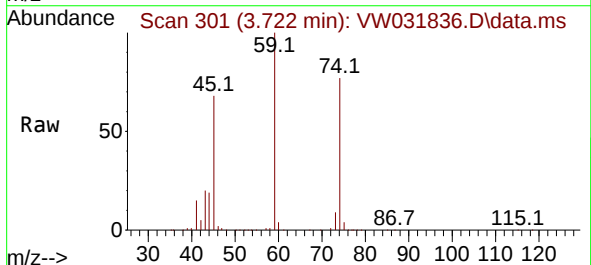
Instrument :
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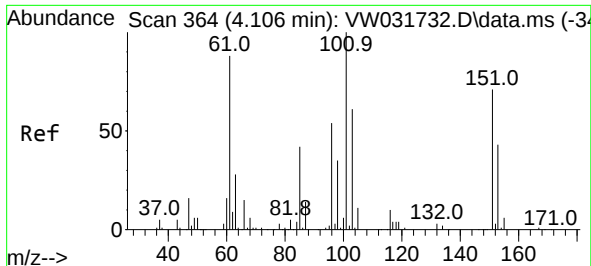
Tgt Ion:101 Resp: 104149
 Ion Ratio Lower Upper
 101 100
 103 59.9 50.2 75.4



#8
 Diethyl Ether
 Concen: 52.568 ug/l
 RT: 3.722 min Scan# 301
 Delta R.T. 0.000 min
 Lab File: VW031836.D
 Acq: 14 Jul 2025 09:17

Tgt Ion: 74 Resp: 89402
 Ion Ratio Lower Upper
 74 100
 45 90.0 43.9 131.7

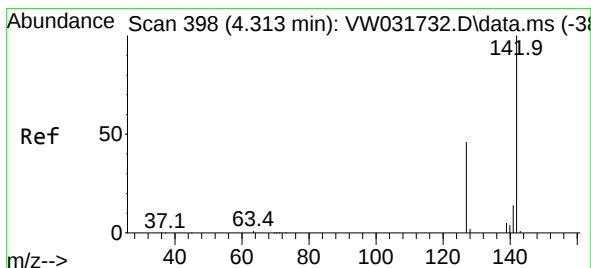
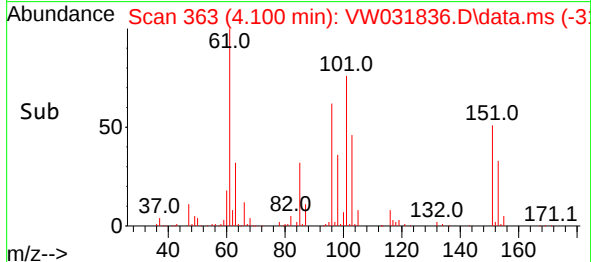
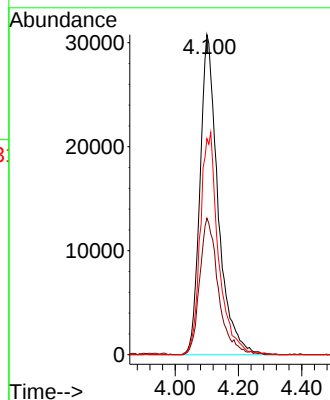
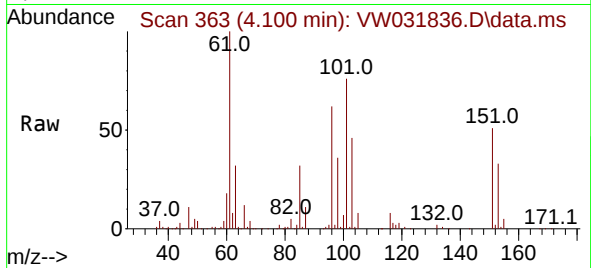




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.037 ug/l
RT: 4.100 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

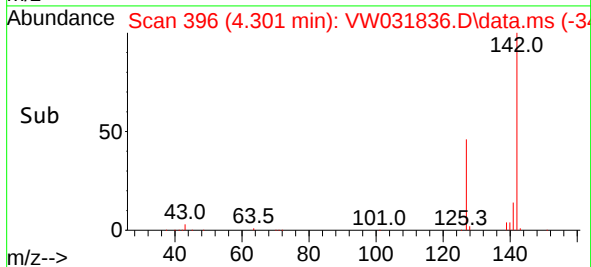
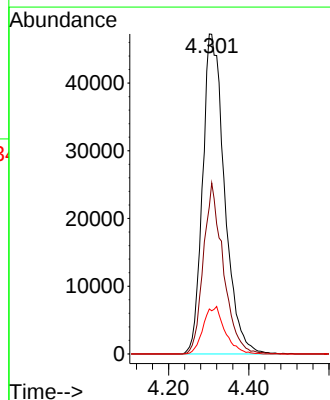
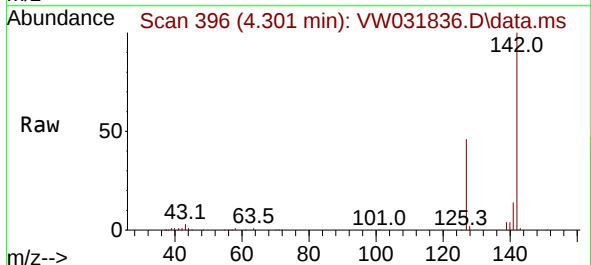
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

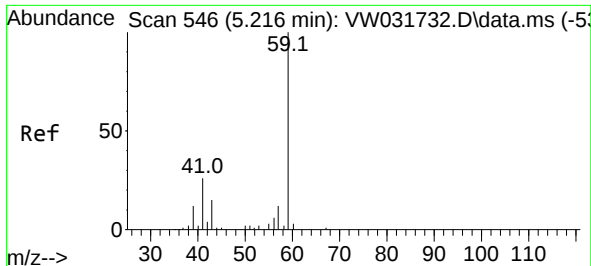
Tgt Ion:101 Resp: 121817
Ion Ratio Lower Upper
101 100
85 44.4 35.6 53.4
151 70.4 56.8 85.2



#10
Methyl Iodide
Concen: 46.850 ug/l
RT: 4.301 min Scan# 396
Delta R.T. -0.012 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

Tgt Ion:142 Resp: 179422
Ion Ratio Lower Upper
142 100
127 48.7 37.9 56.9
141 14.7 11.7 17.5

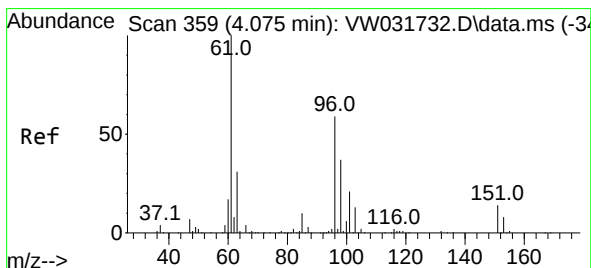
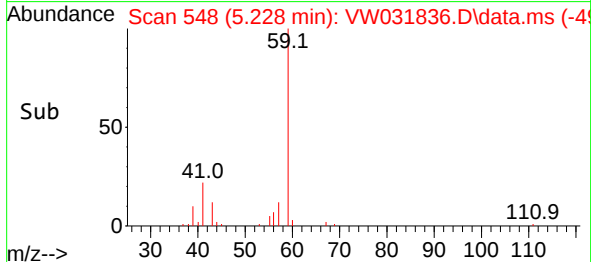
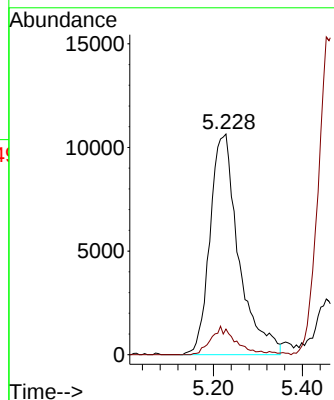
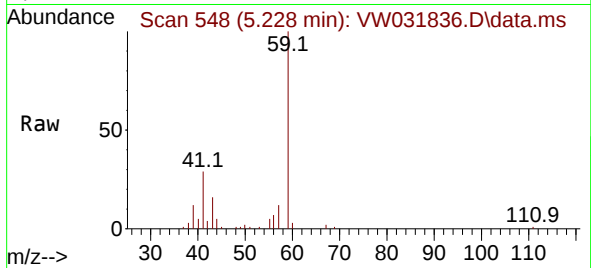




#11
Tert butyl alcohol
Concen: 234.834 ug/l
RT: 5.228 min Scan# 546
Delta R.T. 0.012 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

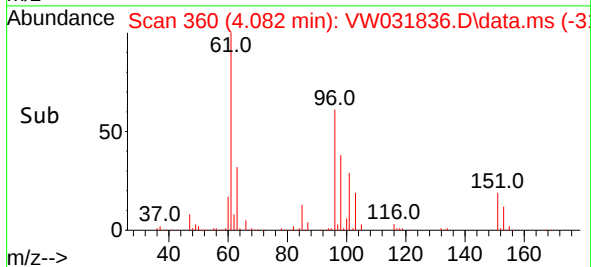
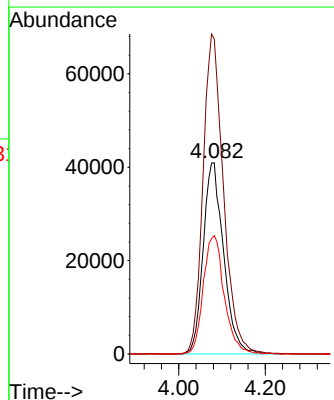
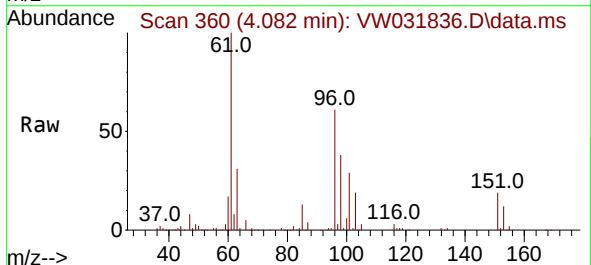
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

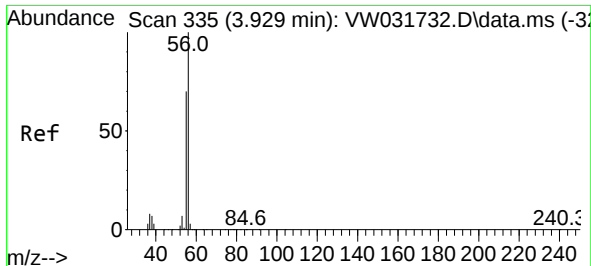
Tgt Ion: 59 Resp: 47679
Ion Ratio Lower Upper
59 100
57 11.1 9.5 14.3



#12
1,1-Dichloroethene
Concen: 49.420 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

Tgt Ion: 96 Resp: 134474
Ion Ratio Lower Upper
96 100
61 164.6 135.8 203.8
98 61.9 50.4 75.6

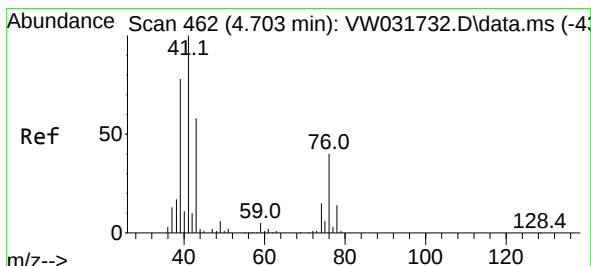
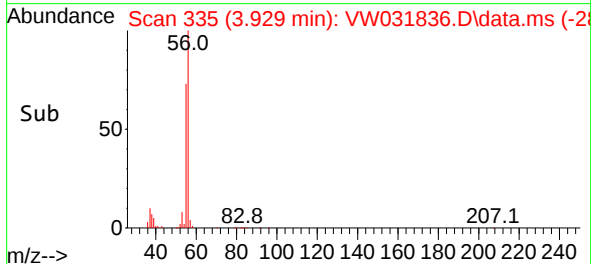
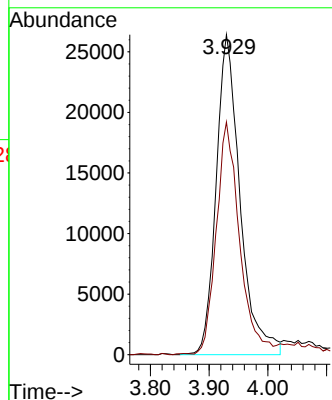
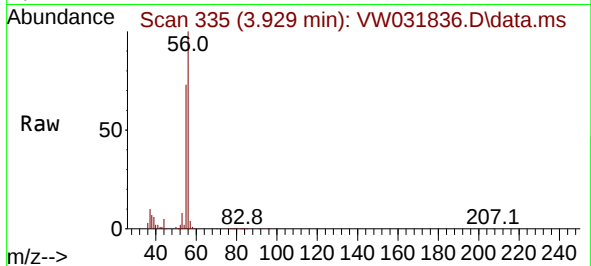




#13
Acrolein
Concen: 204.345 ug/l
RT: 3.929 min Scan# 335
Delta R.T. 0.000 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

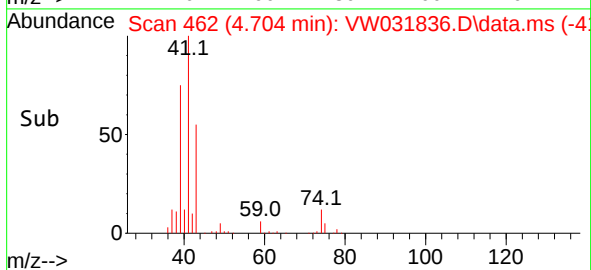
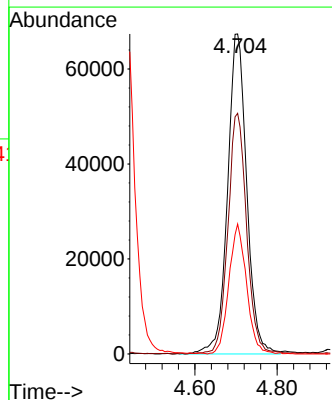
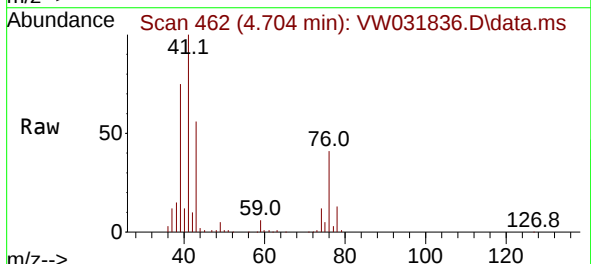
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 74569
Ion Ratio Lower Upper
56 100
55 70.3 54.0 81.0



#14
Allyl chloride
Concen: 52.285 ug/l
RT: 4.704 min Scan# 462
Delta R.T. 0.000 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

Tgt Ion: 41 Resp: 218285
Ion Ratio Lower Upper
41 100
39 73.4 60.7 91.1
76 37.5 30.3 45.5

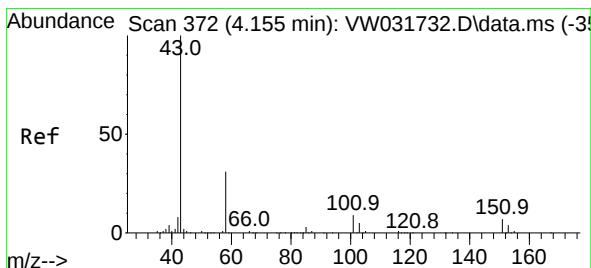
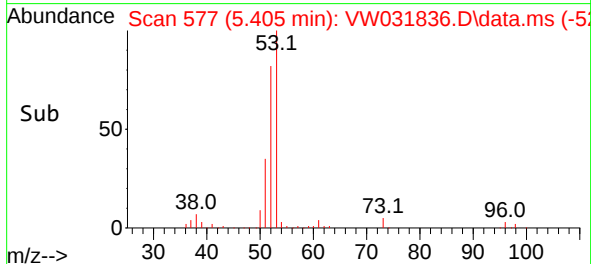
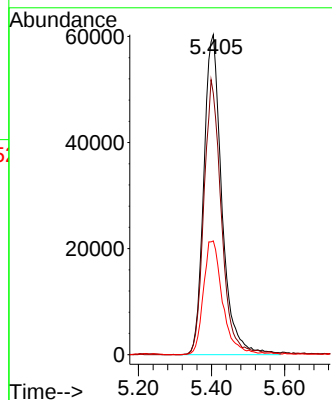
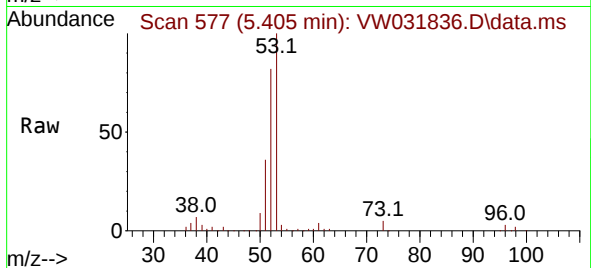




#15
Acrylonitrile
Concen: 247.845 ug/l
RT: 5.405 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

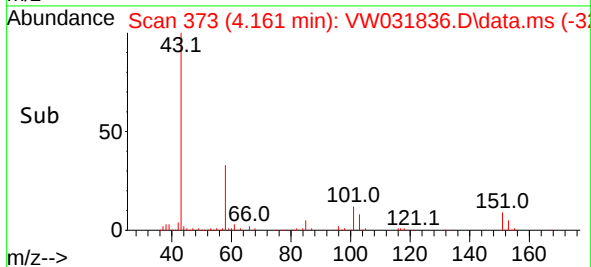
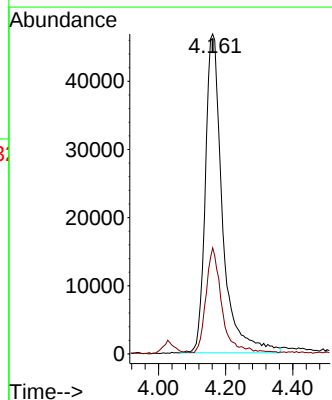
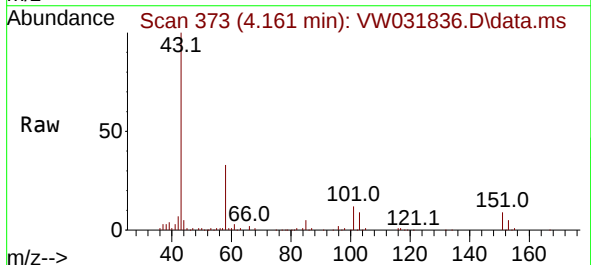
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

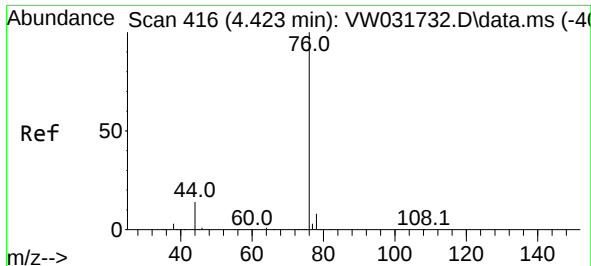
Tgt Ion: 53 Resp: 207277
Ion Ratio Lower Upper
53 100
52 82.7 66.4 99.6
51 37.8 29.9 44.9



#16
Acetone
Concen: 205.003 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.006 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

Tgt Ion: 43 Resp: 166058
Ion Ratio Lower Upper
43 100
58 32.7 24.8 37.2

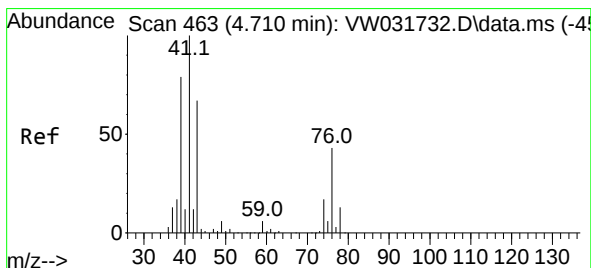
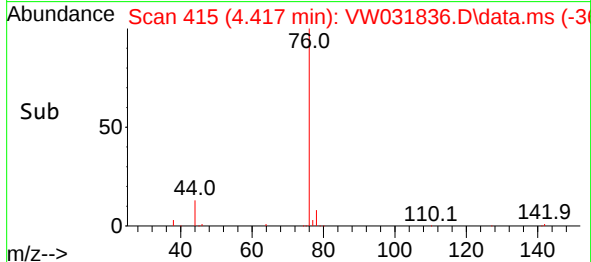
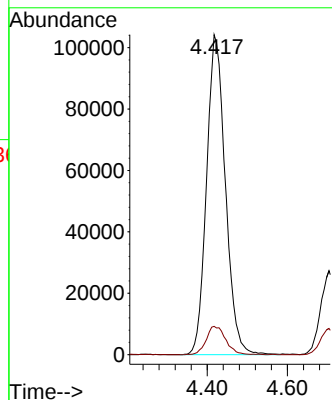
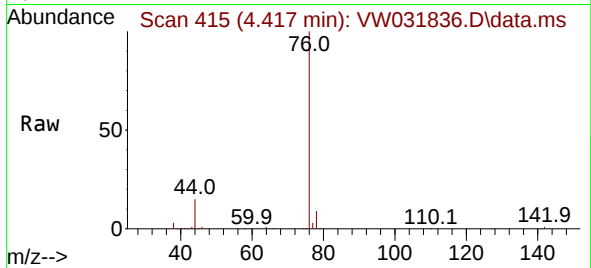




#17
Carbon Disulfide
Concen: 46.646 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

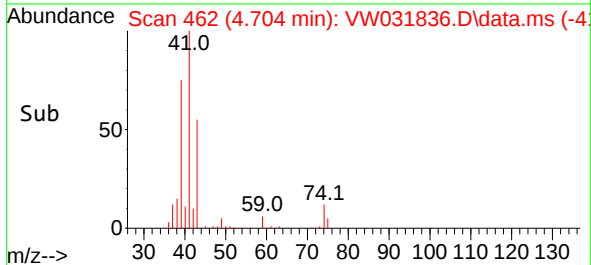
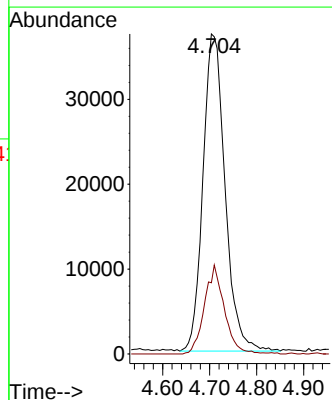
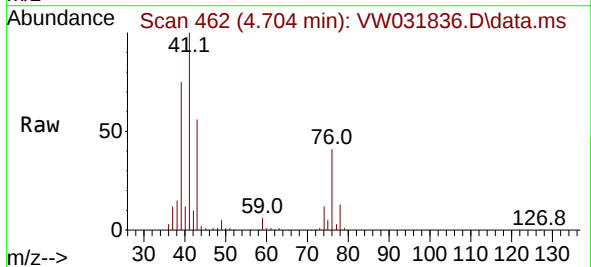
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 339643
Ion Ratio Lower Upper
76 100
78 8.8 6.6 10.0



#18
Methyl Acetate
Concen: 52.667 ug/l
RT: 4.704 min Scan# 462
Delta R.T. -0.006 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

Tgt Ion: 43 Resp: 121927
Ion Ratio Lower Upper
43 100
74 25.2 20.6 30.8

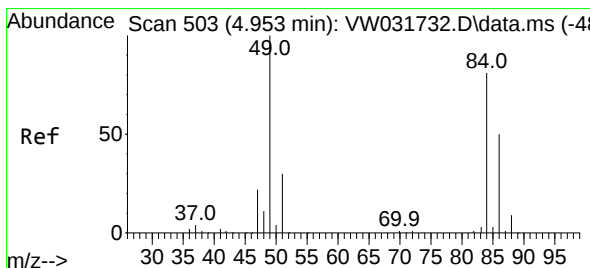
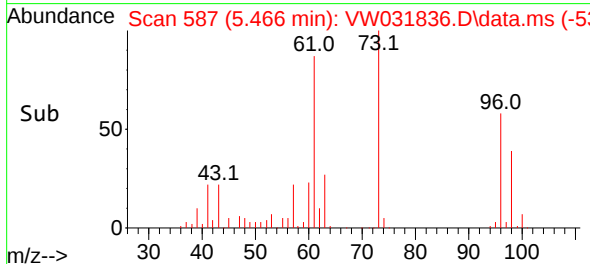
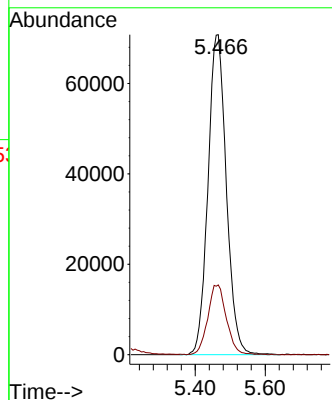
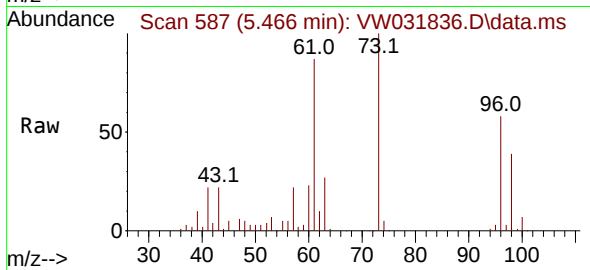




#19
Methyl tert-butyl Ether
Concen: 55.794 ug/l
RT: 5.466 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

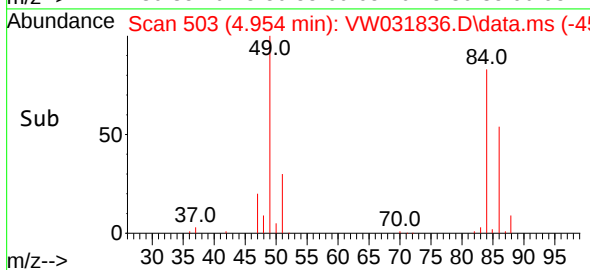
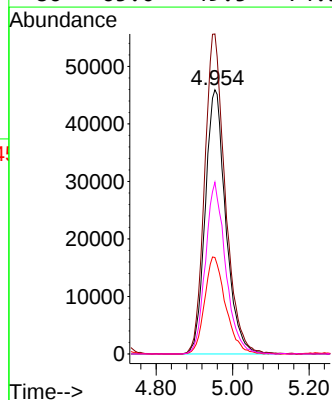
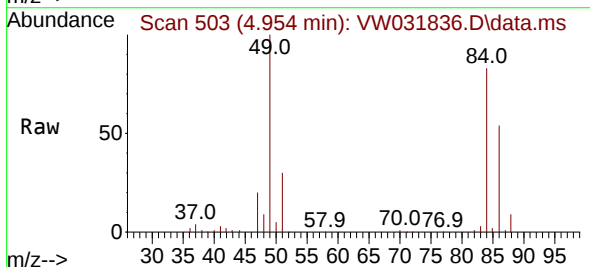
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

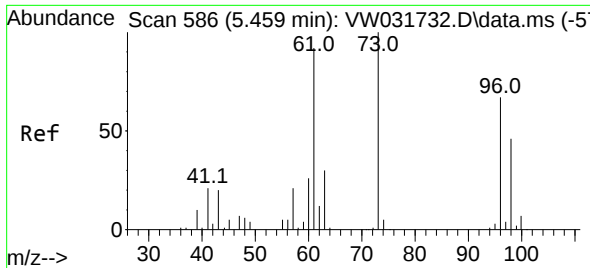
Tgt Ion: 73 Resp: 257679
Ion Ratio Lower Upper
73 100
57 21.8 17.2 25.8



#20
Methylene Chloride
Concen: 53.404 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

Tgt Ion: 84 Resp: 171174
Ion Ratio Lower Upper
84 100
49 121.2 98.2 147.4
51 36.6 29.8 44.8
86 65.0 49.5 74.3

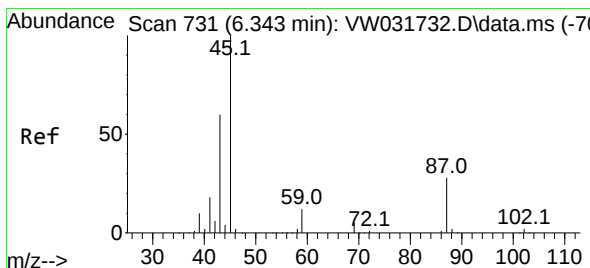
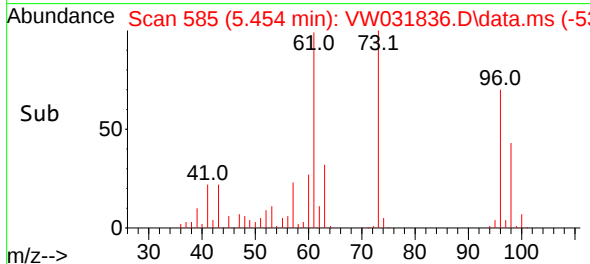
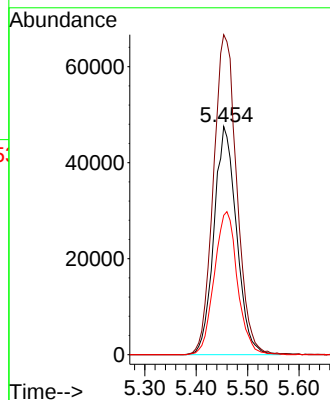
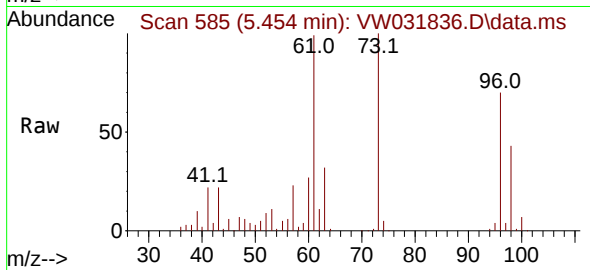




#21
trans-1,2-Dichloroethene
Concen: 50.126 ug/l
RT: 5.454 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

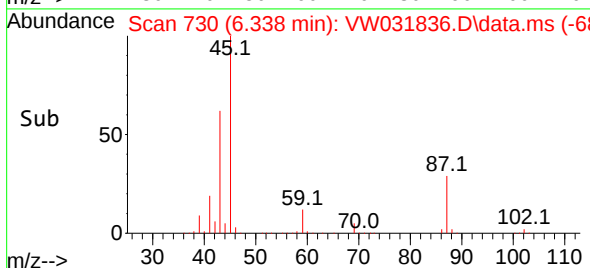
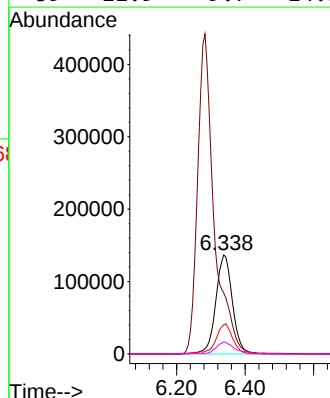
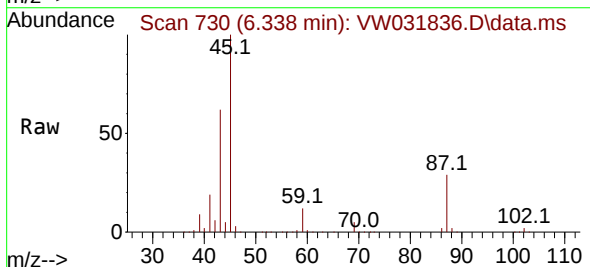
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 144928
Ion Ratio Lower Upper
96 100
61 140.3 109.8 164.6
98 61.1 54.9 82.3



#22
Diisopropyl ether
Concen: 56.229 ug/l
RT: 6.338 min Scan# 730
Delta R.T. -0.006 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

Tgt Ion: 45 Resp: 457833
Ion Ratio Lower Upper
45 100
43 61.5 48.3 72.5
87 29.4 22.6 34.0
59 11.9 9.7 14.5

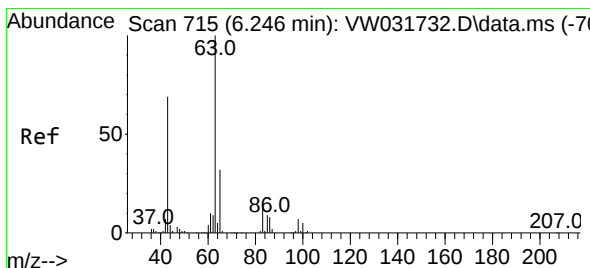
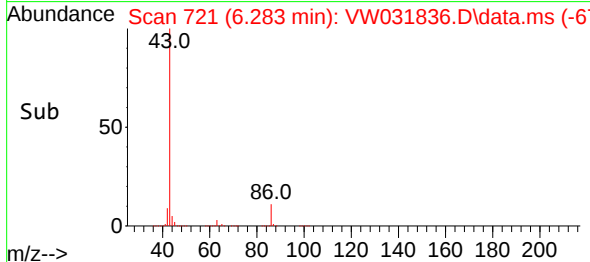
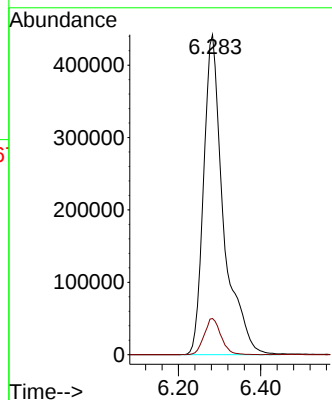
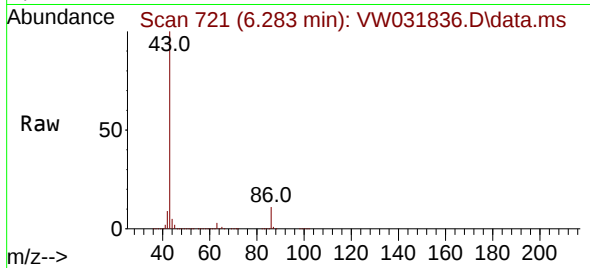




#23
 Vinyl Acetate
 Concen: 266.040 ug/l
 RT: 6.283 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW031836.D
 Acq: 14 Jul 2025 09:17

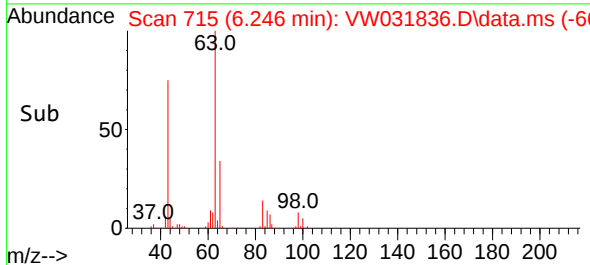
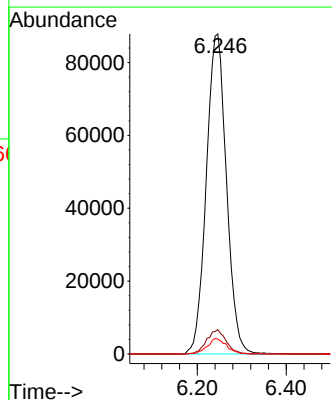
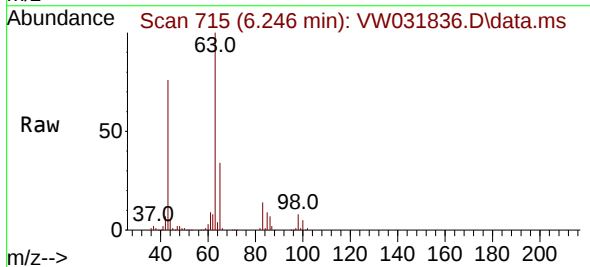
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1479600
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 52.462 ug/l
 RT: 6.246 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VW031836.D
 Acq: 14 Jul 2025 09:17

Tgt Ion: 63 Resp: 276940
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.6
 100 4.7 2.5 7.5

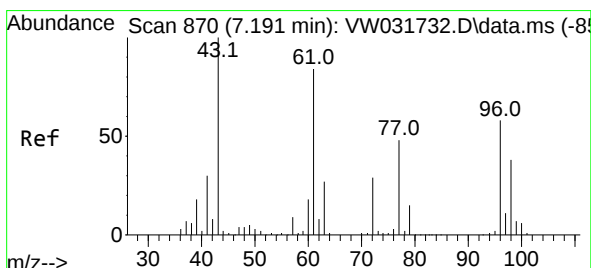
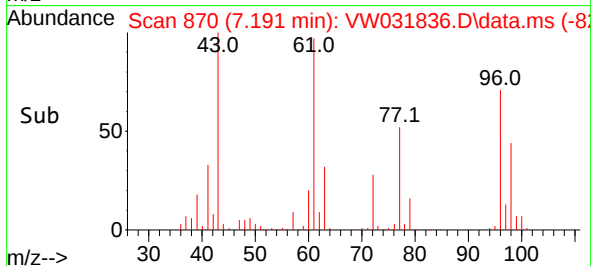
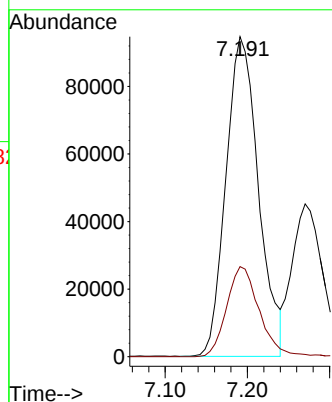
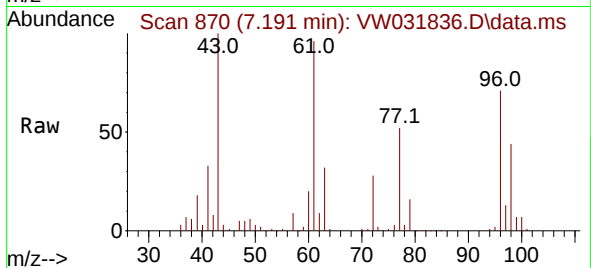




#25
2-Butanone
Concen: 247.209 ug/l
RT: 7.191 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

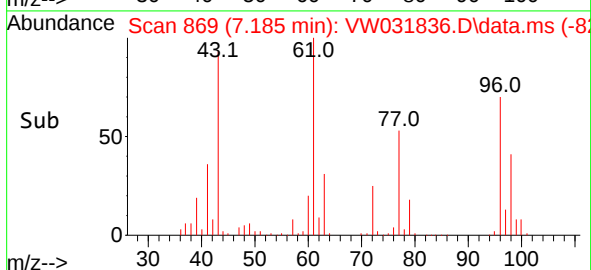
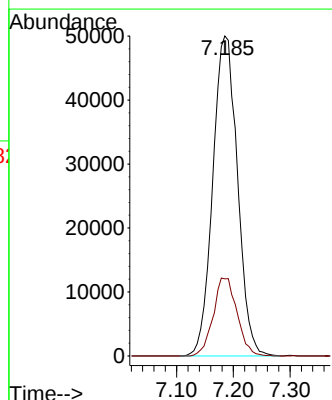
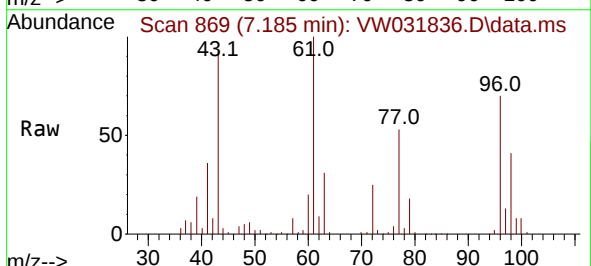
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 260514
Ion Ratio Lower Upper
43 100
72 28.2 23.0 34.6



#26
2,2-Dichloropropane
Concen: 49.055 ug/l
RT: 7.185 min Scan# 869
Delta R.T. -0.006 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

Tgt Ion: 77 Resp: 151089
Ion Ratio Lower Upper
77 100
97 23.5 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 54.359 ug/l

RT: 7.191 min Scan# 870

Delta R.T. 0.000 min

Lab File: VW031836.D

Acq: 14 Jul 2025 09:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

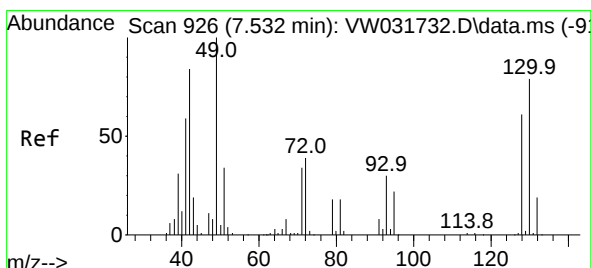
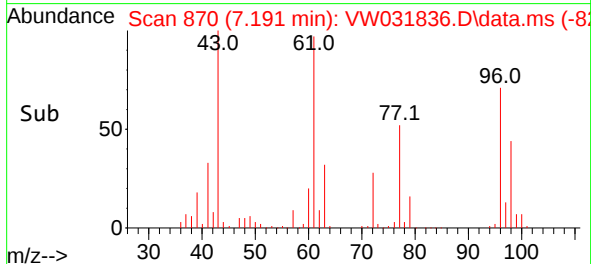
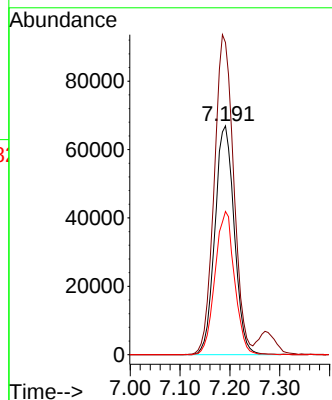
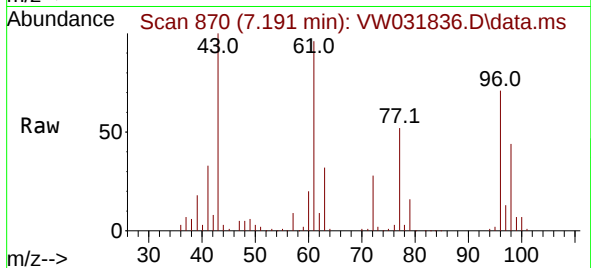
Tgt Ion: 96 Resp: 180662

Ion Ratio Lower Upper

96 100

61 140.5 0.0 286.8

98 63.0 0.0 130.4



#28

Bromochloromethane

Concen: 53.046 ug/l

RT: 7.526 min Scan# 925

Delta R.T. -0.006 min

Lab File: VW031836.D

Acq: 14 Jul 2025 09:17

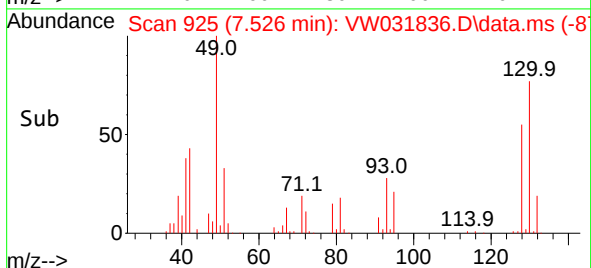
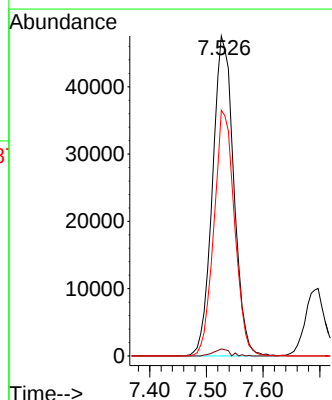
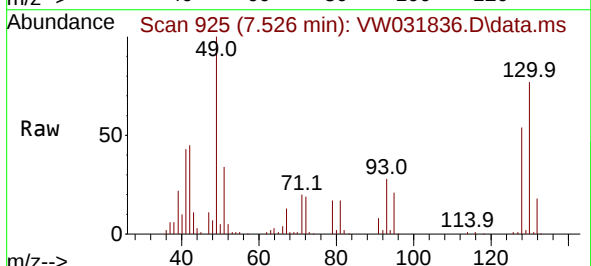
Tgt Ion: 49 Resp: 123572

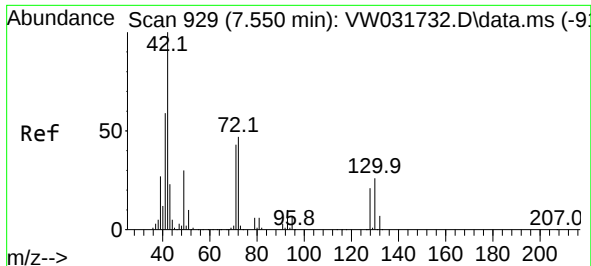
Ion Ratio Lower Upper

49 100

129 1.7 0.0 2.4

130 74.6 61.3 91.9





#29

Tetrahydrofuran

Concen: 249.693 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW031836.D

Acq: 14 Jul 2025 09:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

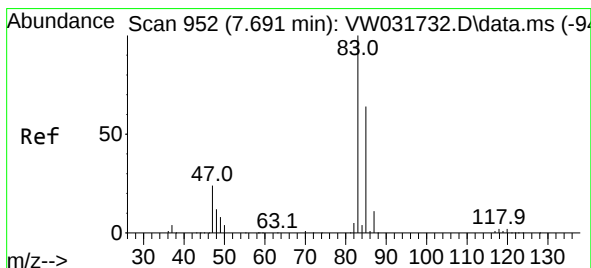
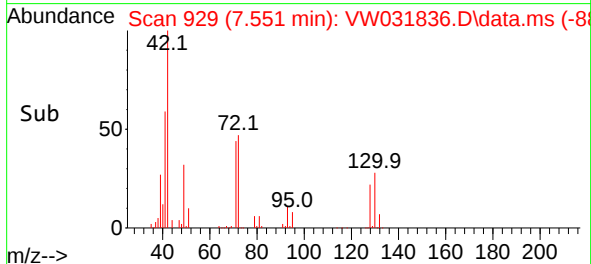
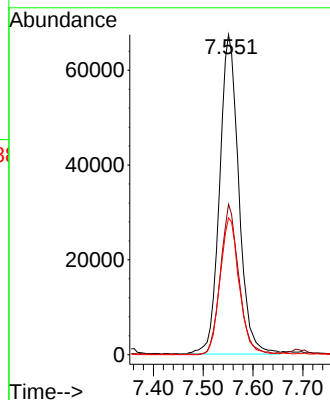
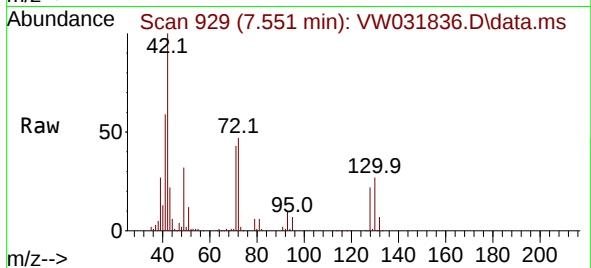
Tgt Ion: 42 Resp: 180200

Ion Ratio Lower Upper

42 100

72 44.8 36.8 55.2

71 42.7 34.6 52.0



#30

Chloroform

Concen: 53.231 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW031836.D

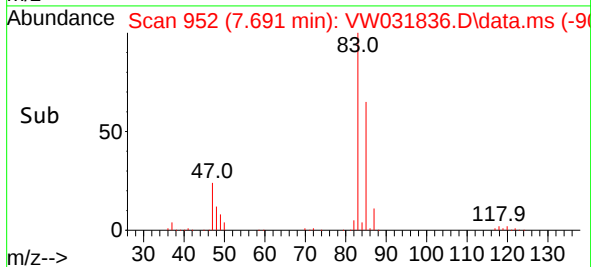
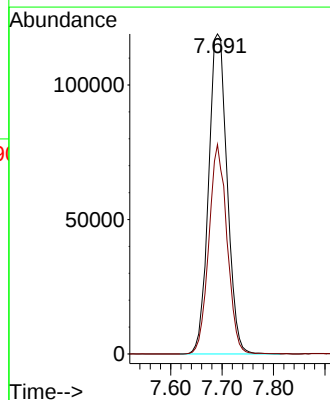
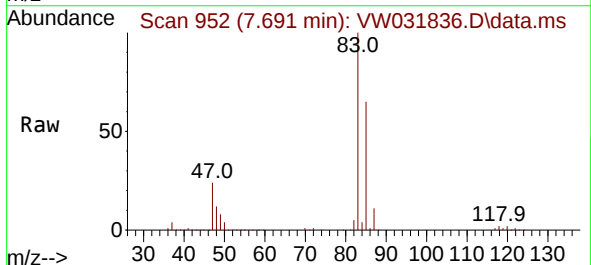
Acq: 14 Jul 2025 09:17

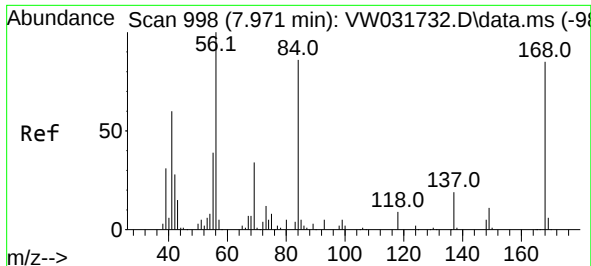
Tgt Ion: 83 Resp: 298589

Ion Ratio Lower Upper

83 100

85 65.5 51.4 77.0

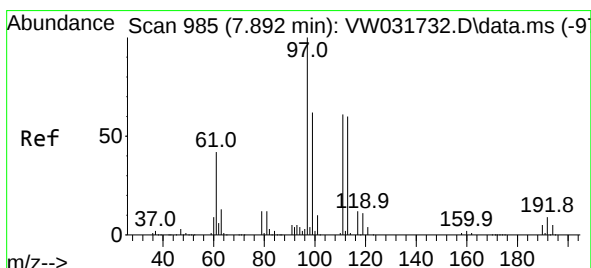
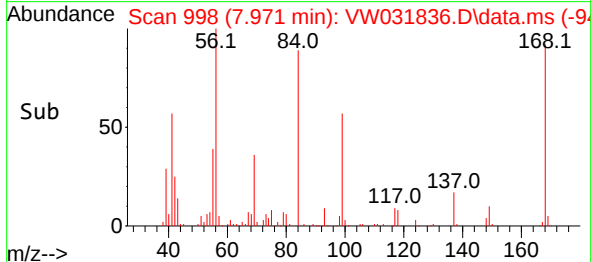
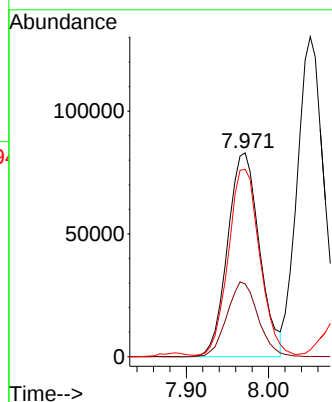
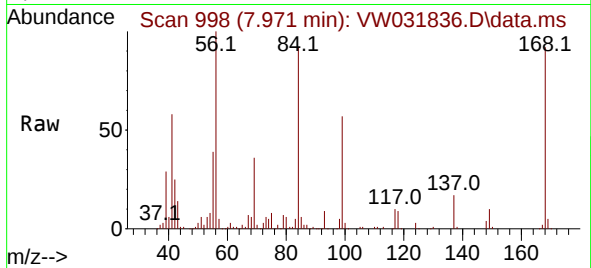




#31
Cyclohexane
Concen: 47.976 ug/l
RT: 7.971 min Scan# 998
Delta R.T. 0.000 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

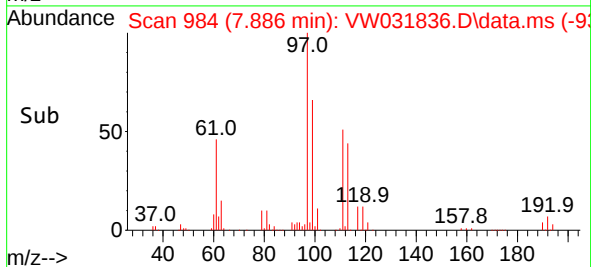
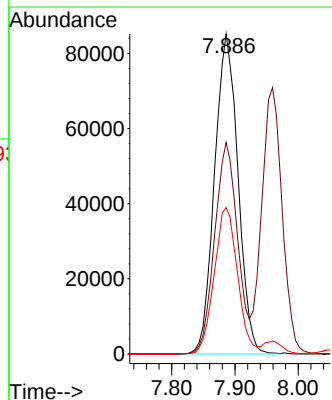
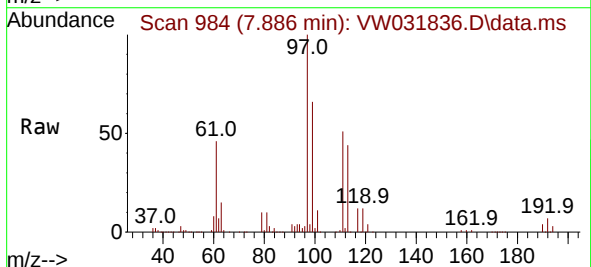
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

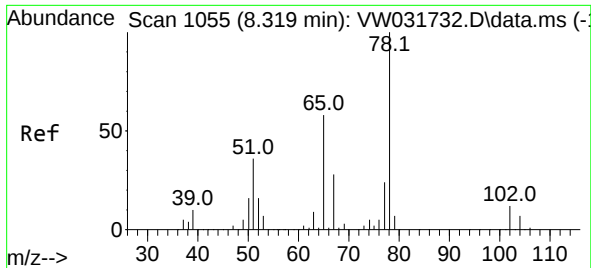
Tgt Ion: 56 Resp: 223869
Ion Ratio Lower Upper
56 100
69 35.7 27.2 40.8
84 90.2 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 50.605 ug/l
RT: 7.886 min Scan# 984
Delta R.T. -0.006 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

Tgt Ion: 97 Resp: 218753
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.6
61 45.5 36.0 54.0

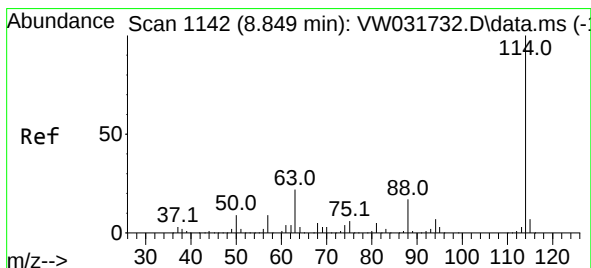
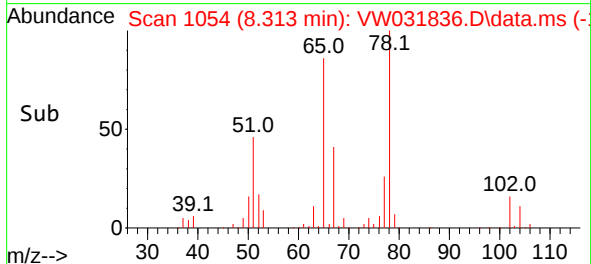
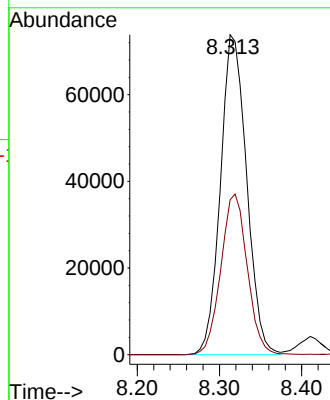
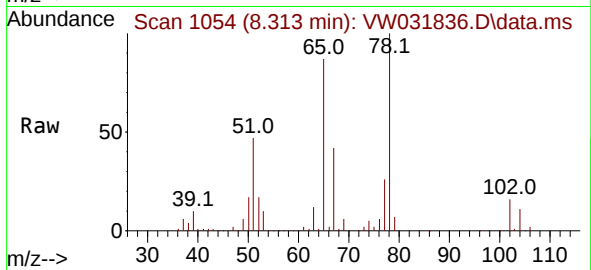




#33
 1,2-Dichloroethane-d4
 Concen: 49.957 ug/l
 RT: 8.313 min Scan# 1054
 Delta R.T. -0.006 min
 Lab File: VW031836.D
 Acq: 14 Jul 2025 09:17

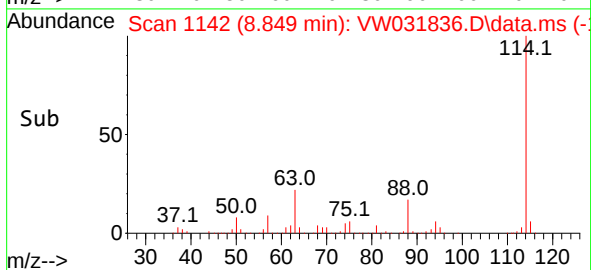
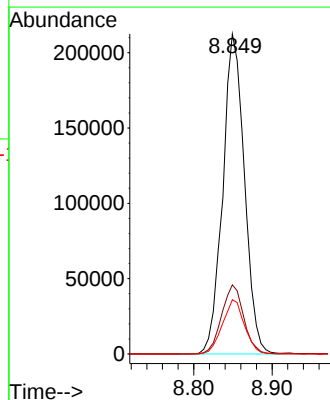
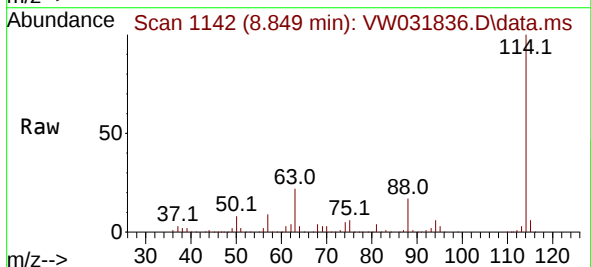
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

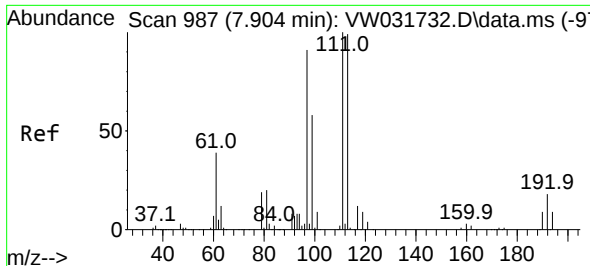
Tgt Ion: 65 Resp: 163719
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW031836.D
 Acq: 14 Jul 2025 09:17

Tgt Ion: 114 Resp: 408363
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.6
 88 16.9 0.0 34.2

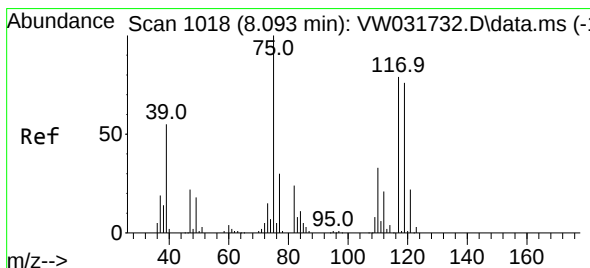
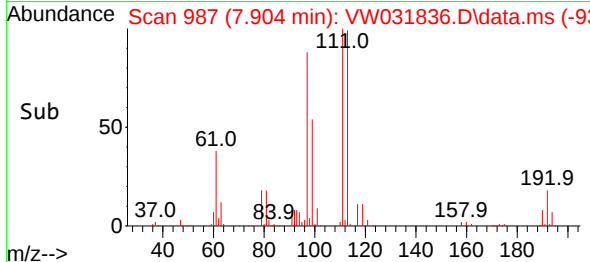
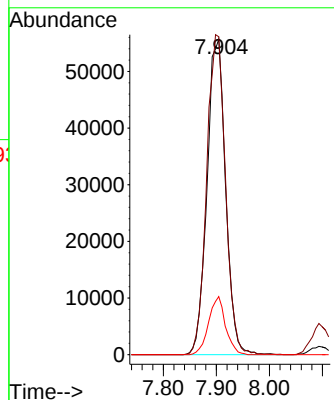
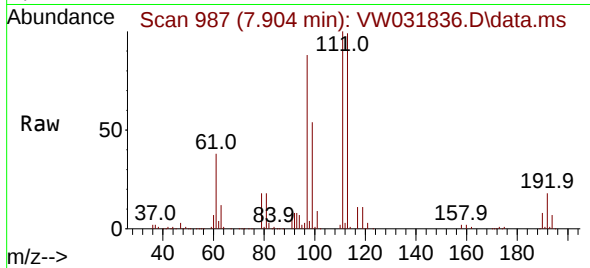




#35
 Dibromofluoromethane
 Concen: 50.884 ug/l
 RT: 7.904 min Scan# 987
 Delta R.T. 0.000 min
 Lab File: VW031836.D
 Acq: 14 Jul 2025 09:17

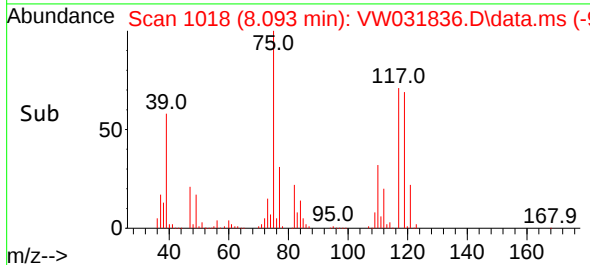
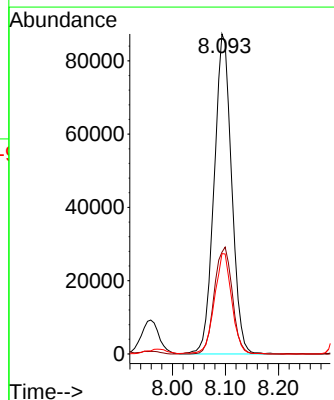
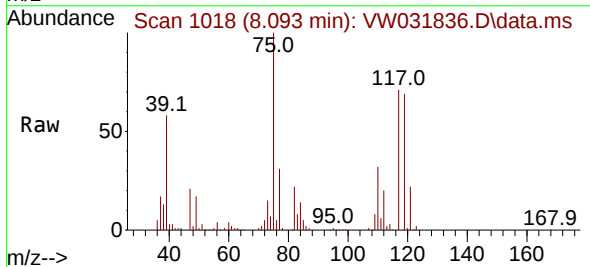
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

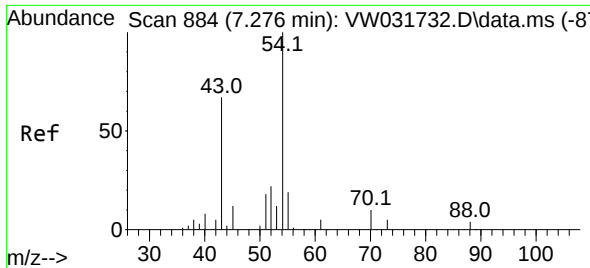
Tgt Ion:113 Resp: 135594
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.1 123.1
 192 16.8 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 52.050 ug/l
 RT: 8.093 min Scan# 1018
 Delta R.T. 0.000 min
 Lab File: VW031836.D
 Acq: 14 Jul 2025 09:17

Tgt Ion: 75 Resp: 200704
 Ion Ratio Lower Upper
 75 100
 110 34.2 16.8 50.4
 77 31.2 25.0 37.6

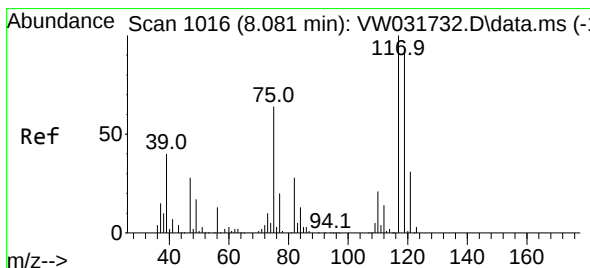
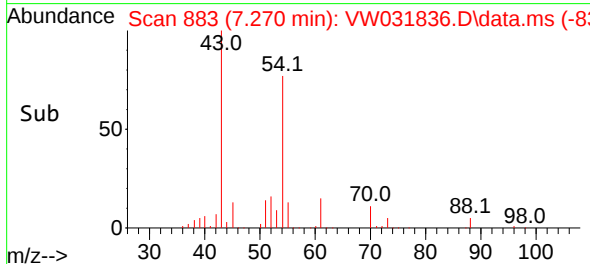
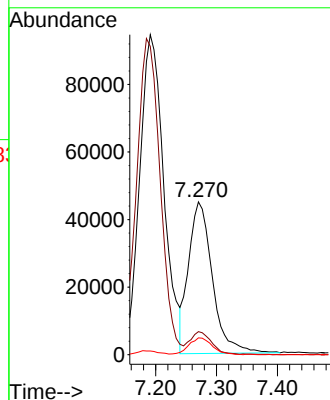
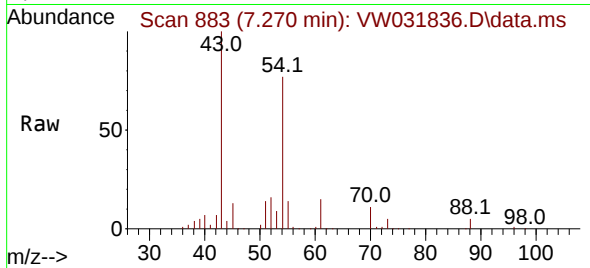




#37
Ethyl Acetate
Concen: 50.129 ug/l
RT: 7.270 min Scan# 884
Delta R.T. -0.006 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

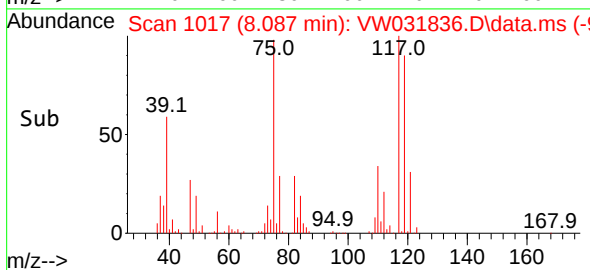
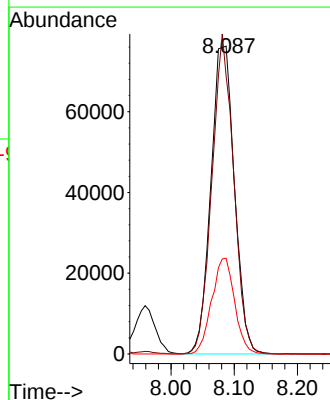
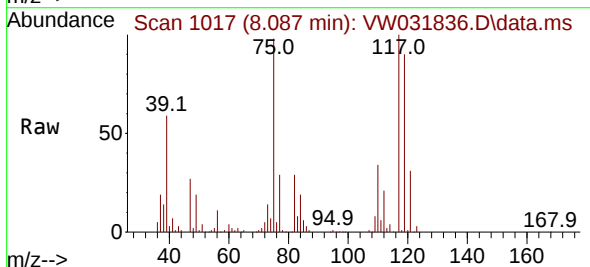
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

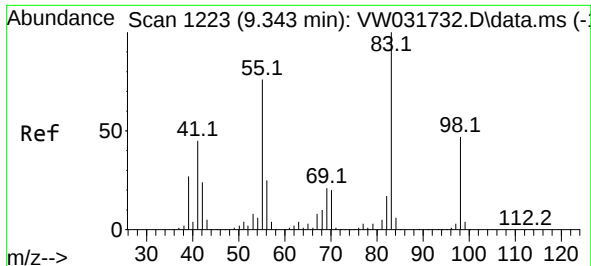
Tgt Ion: 43 Resp: 121937
Ion Ratio Lower Upper
43 100
61 14.0 10.9 16.3
70 10.9 9.2 13.8



#38
Carbon Tetrachloride
Concen: 50.500 ug/l
RT: 8.087 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

Tgt Ion: 117 Resp: 198434
Ion Ratio Lower Upper
117 100
119 90.3 75.0 112.6
121 31.1 24.6 37.0





#39

Methylcyclohexane

Concen: 50.768 ug/l

RT: 9.343 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031836.D

Acq: 14 Jul 2025 09:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

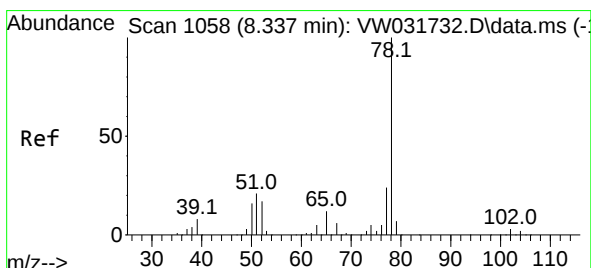
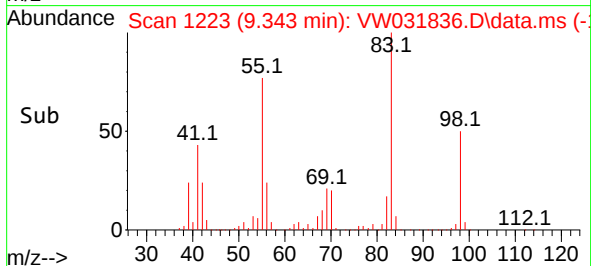
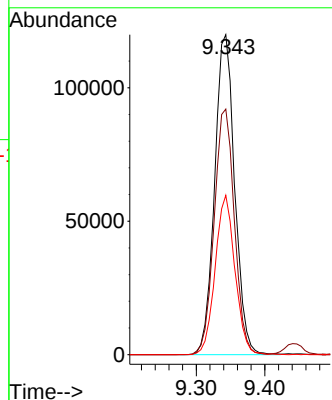
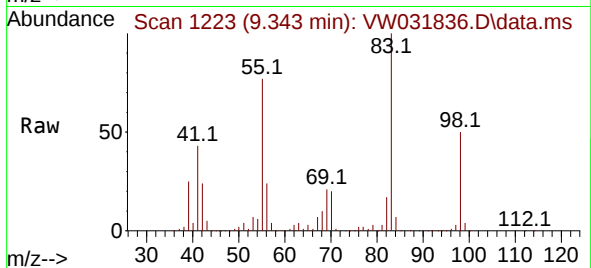
Tgt Ion: 83 Resp: 243562

Ion Ratio Lower Upper

83 100

55 76.7 61.0 91.4

98 49.8 37.9 56.9



#40

Benzene

Concen: 53.424 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VW031836.D

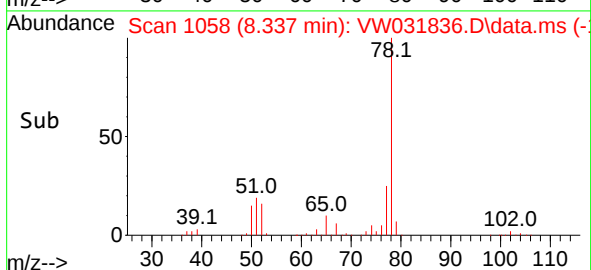
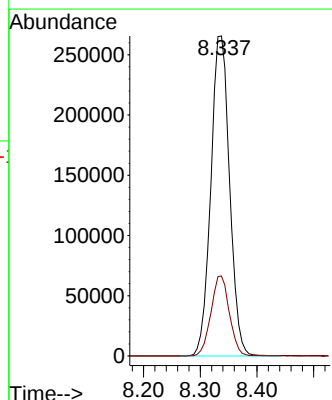
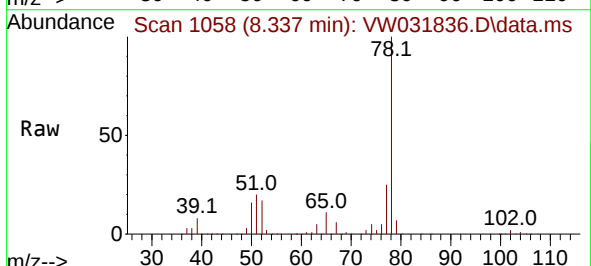
Acq: 14 Jul 2025 09:17

Tgt Ion: 78 Resp: 609486

Ion Ratio Lower Upper

78 100

77 25.0 19.2 28.8

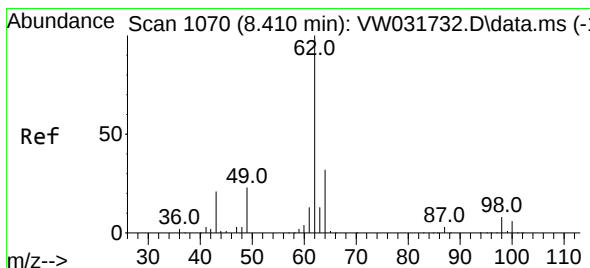
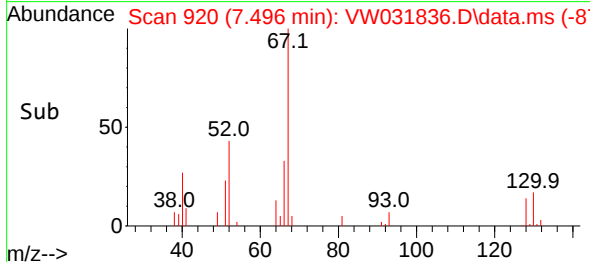
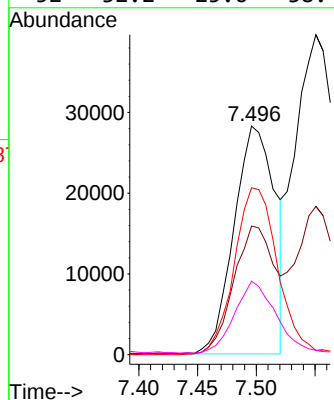
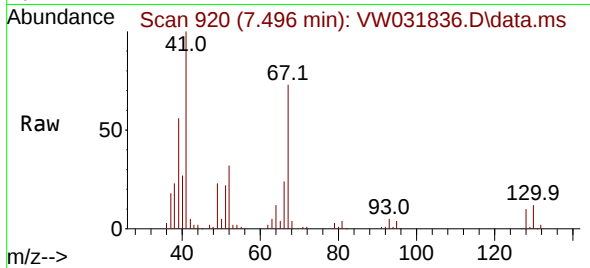




#41
Methacrylonitrile
Concen: 52.550 ug/l
RT: 7.496 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

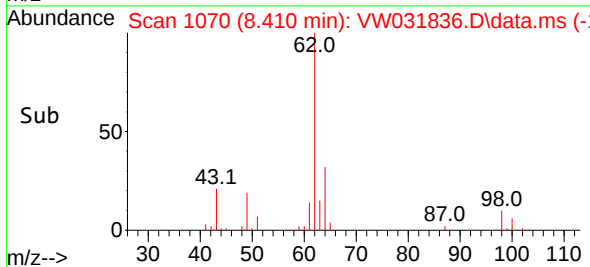
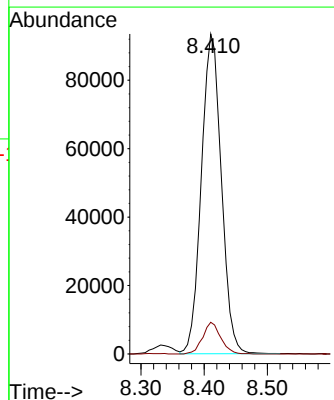
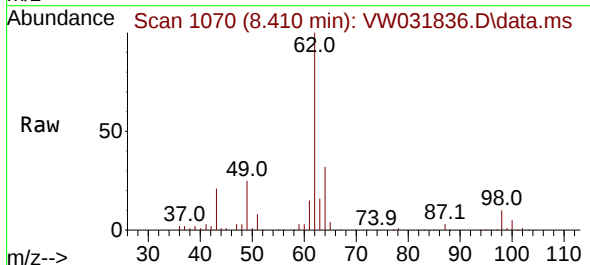
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

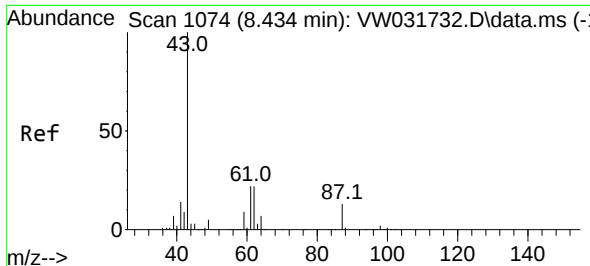
Tgt Ion:	41	Resp:	68476
Ion	Ratio	Lower	Upper
41	100		
39	55.5	43.2	64.8
67	78.6	58.1	87.1
52	32.2	25.6	38.4



#42
1,2-Dichloroethane
Concen: 53.407 ug/l
RT: 8.410 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

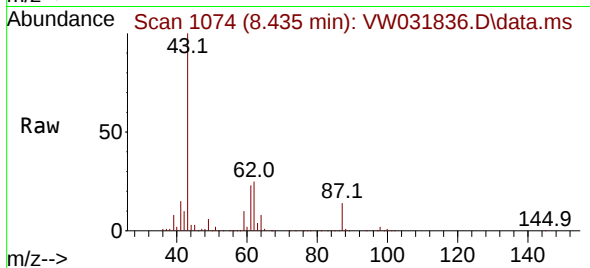
Tgt Ion:	62	Resp:	205872
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.2





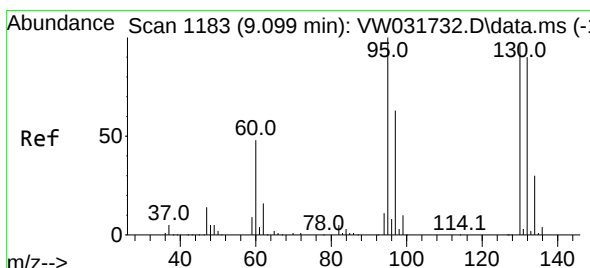
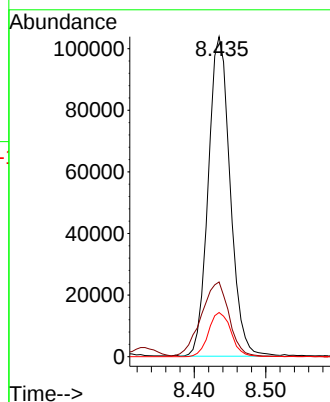
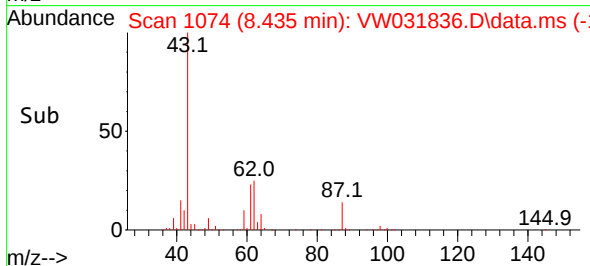
#43
Isopropyl Acetate
Concen: 52.713 ug/l
RT: 8.435 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

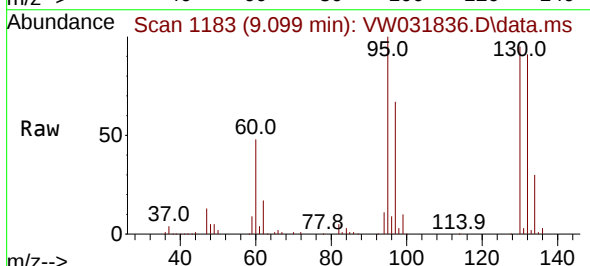


Tgt Ion: 43 Resp: 221026

Ion	Ratio	Lower	Upper
43	100		
61	29.6	23.1	34.7
87	14.2	10.8	16.2

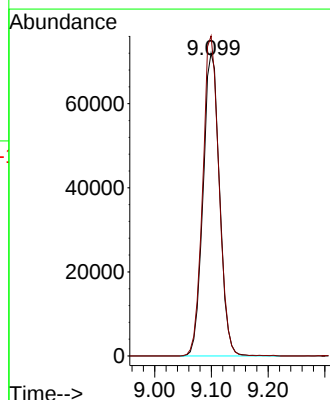
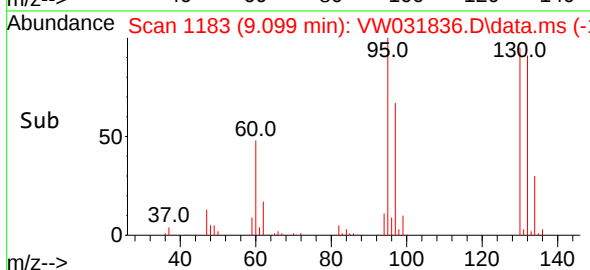


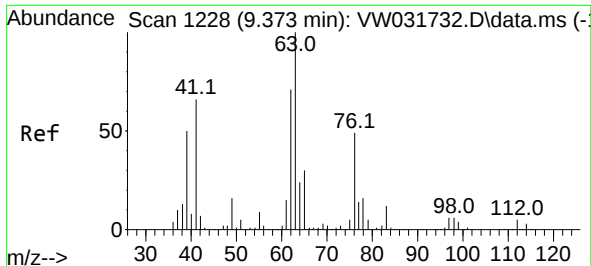
#44
Trichloroethene
Concen: 51.032 ug/l
RT: 9.099 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17



Tgt Ion: 130 Resp: 145311

Ion	Ratio	Lower	Upper
130	100		
95	105.6	0.0	208.6





#45

1,2-Dichloropropane

Concen: 54.772 ug/l

RT: 9.374 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VW031836.D

Acq: 14 Jul 2025 09:17

Instrument :

MSVOA_W

ClientSampleId :

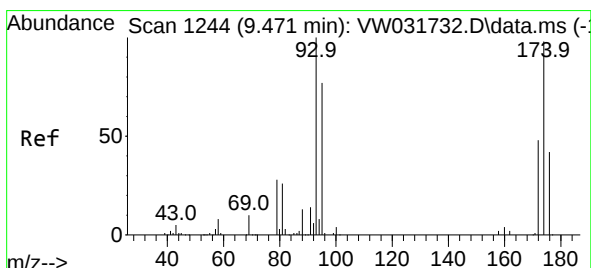
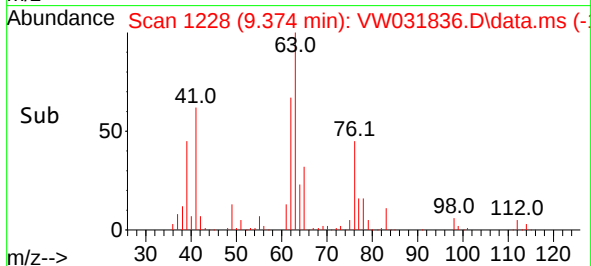
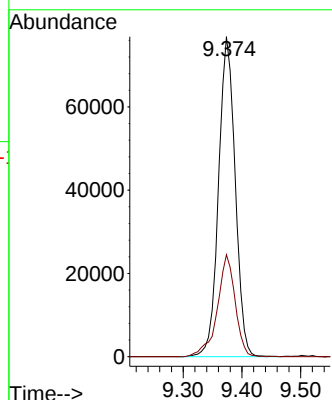
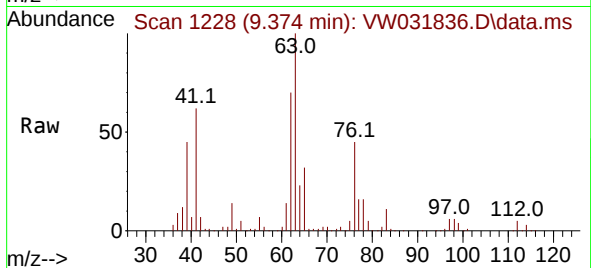
VSTDCCC050

Tgt Ion: 63 Resp: 151020

Ion Ratio Lower Upper

63 100

65 31.8 24.2 36.4



#46

Dibromomethane

Concen: 53.148 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.006 min

Lab File: VW031836.D

Acq: 14 Jul 2025 09:17

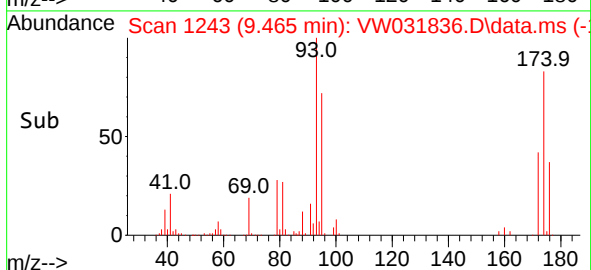
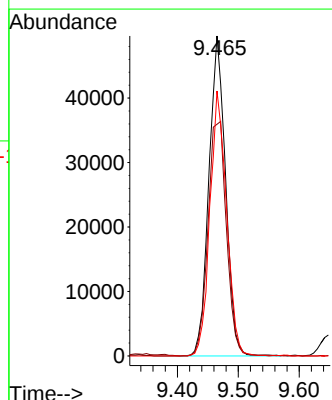
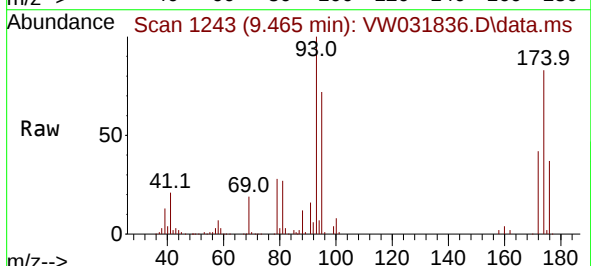
Tgt Ion: 93 Resp: 94610

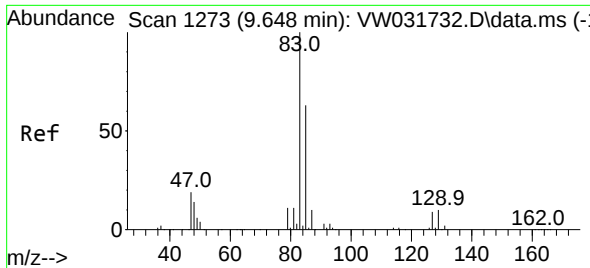
Ion Ratio Lower Upper

93 100

95 81.4 67.0 100.4

174 82.7 71.7 107.5

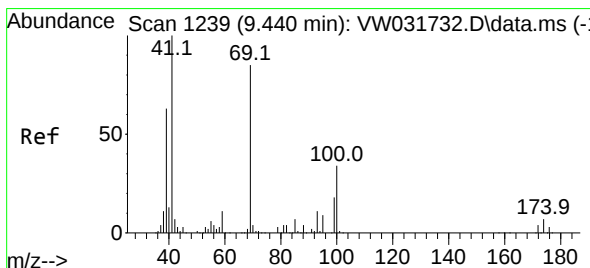
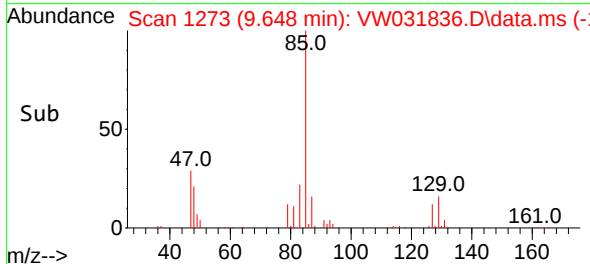
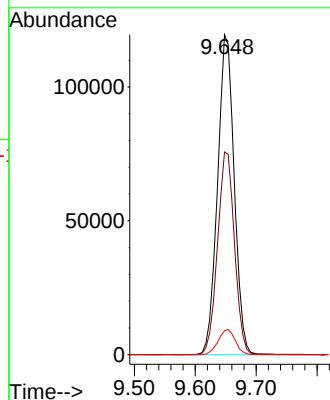
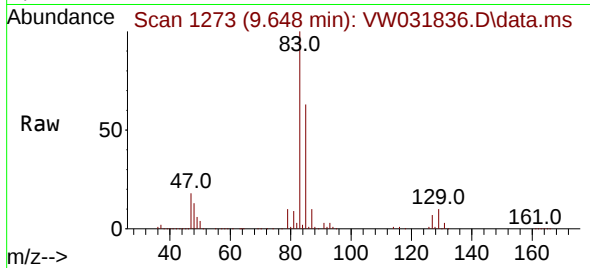




#47
Bromodichloromethane
Concen: 54.479 ug/l
RT: 9.648 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

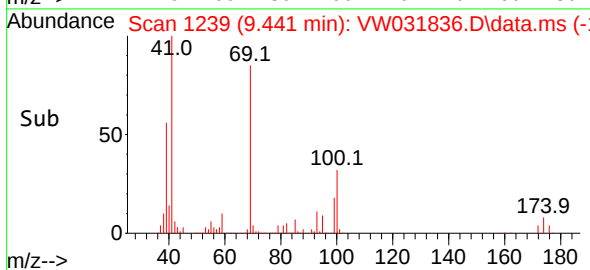
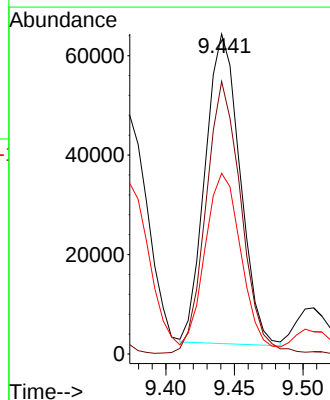
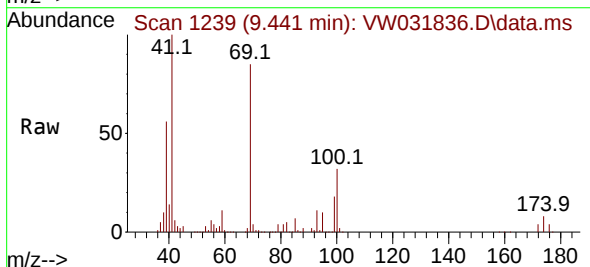
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

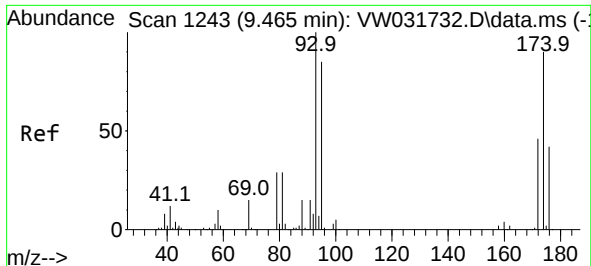
Tgt Ion: 83 Resp: 227412
Ion Ratio Lower Upper
83 100
85 63.3 50.8 76.2
127 7.5 6.8 10.2



#48
Methyl methacrylate
Concen: 53.191 ug/l
RT: 9.441 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

Tgt Ion: 41 Resp: 109666
Ion Ratio Lower Upper
41 100
69 89.1 71.6 107.4
39 57.1 49.5 74.3





#49

1,4-Dioxane

Concen: 989.318 ug/l

RT: 9.471 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW031836.D

Acq: 14 Jul 2025 09:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

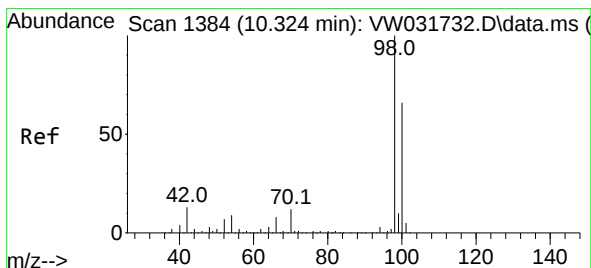
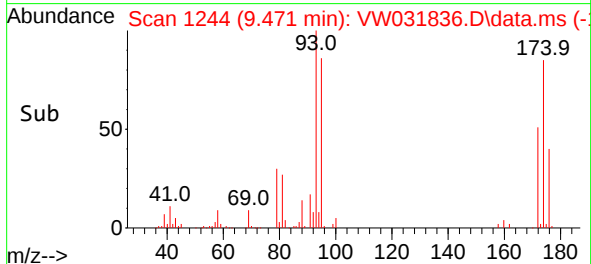
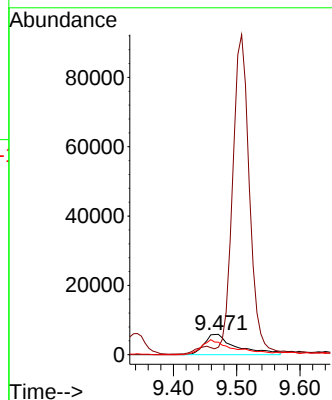
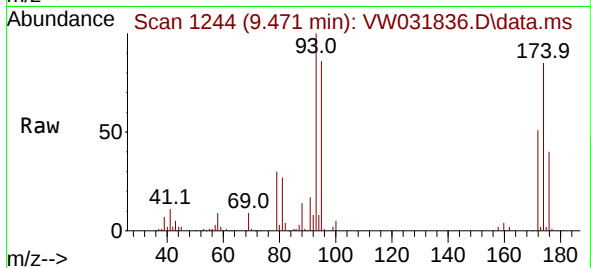
Tgt Ion: 88 Resp: 20626

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 73.2 58.3 87.5



#50

Toluene-d8

Concen: 50.556 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW031836.D

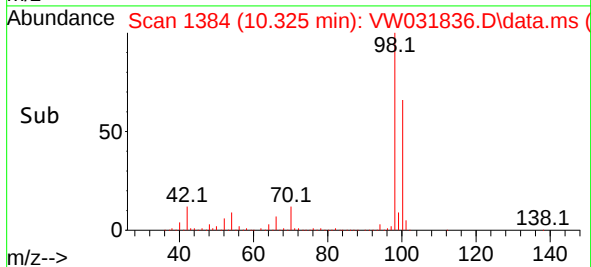
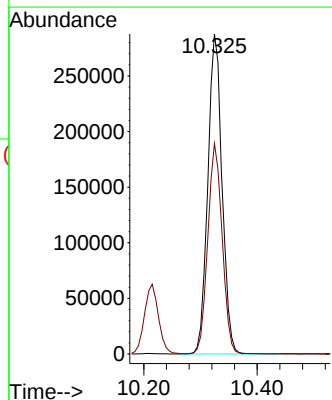
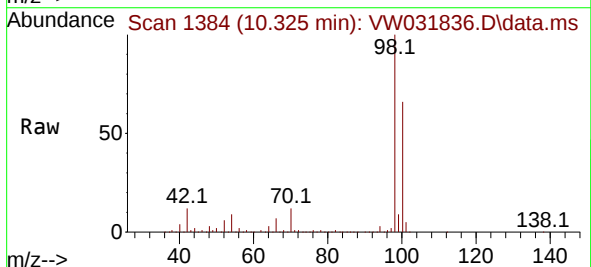
Acq: 14 Jul 2025 09:17

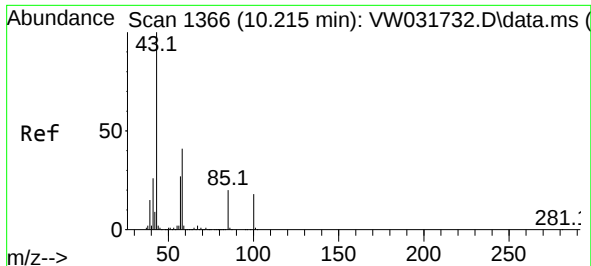
Tgt Ion: 98 Resp: 501344

Ion Ratio Lower Upper

98 100

100 66.2 53.0 79.4

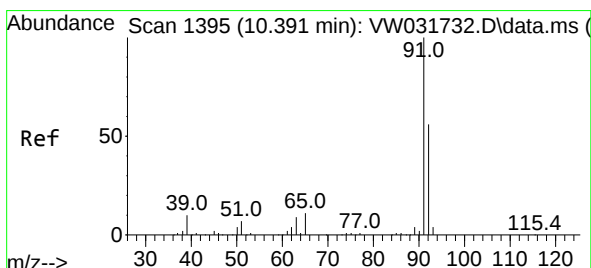
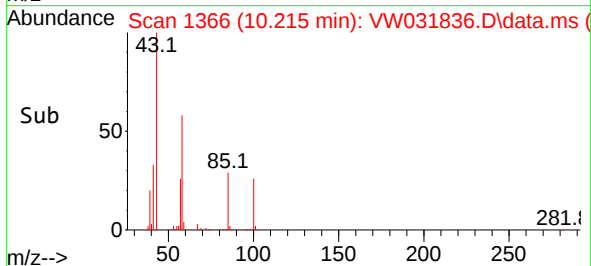
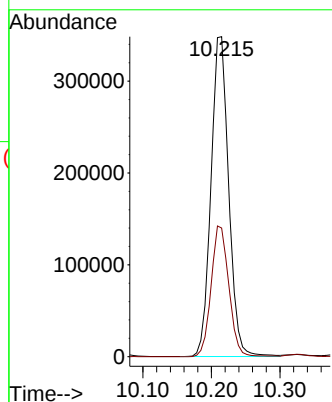
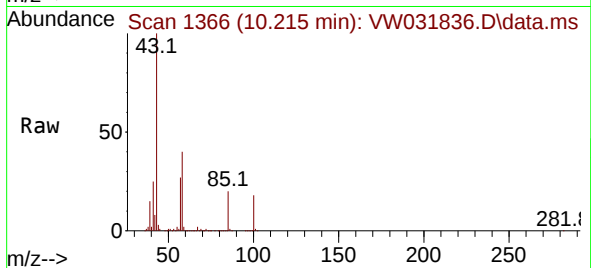




#51
4-Methyl-2-Pentanone
Concen: 259.792 ug/l
RT: 10.215 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

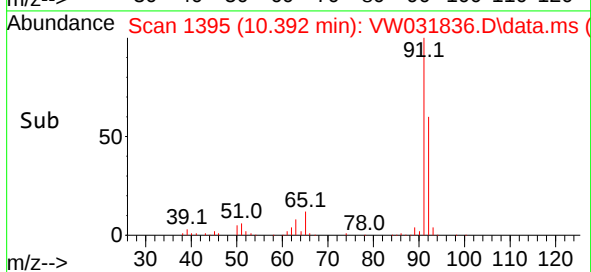
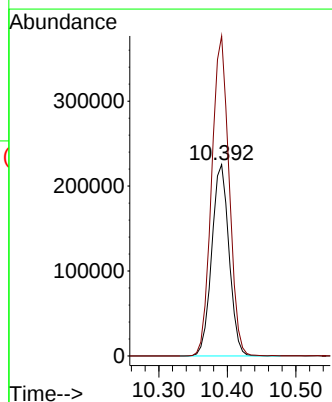
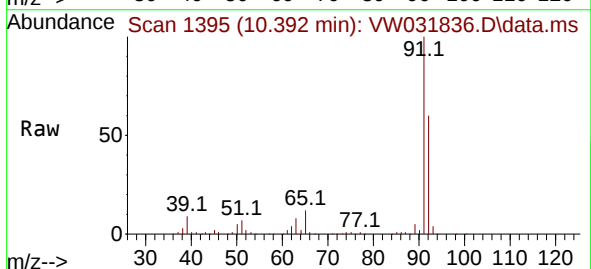
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 626257
Ion Ratio Lower Upper
43 100
58 40.9 32.2 48.2



#52
Toluene
Concen: 53.951 ug/l
RT: 10.392 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

Tgt Ion: 92 Resp: 394081
Ion Ratio Lower Upper
92 100
91 168.4 139.5 209.3

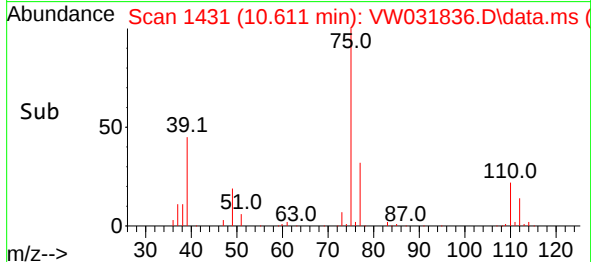
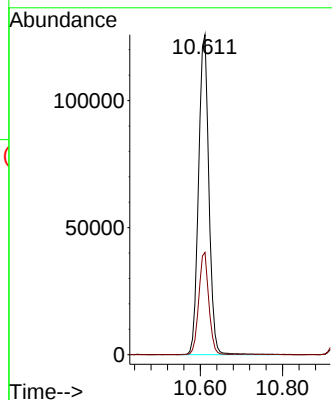
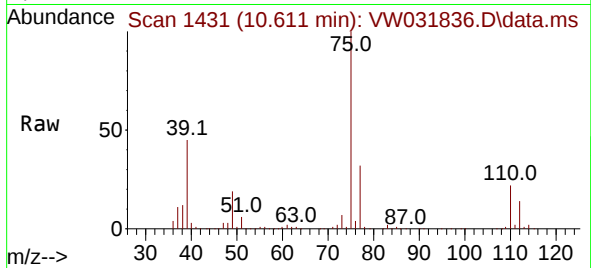




#53
t-1,3-Dichloropropene
Concen: 55.997 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

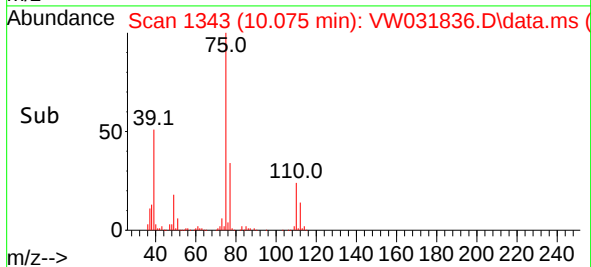
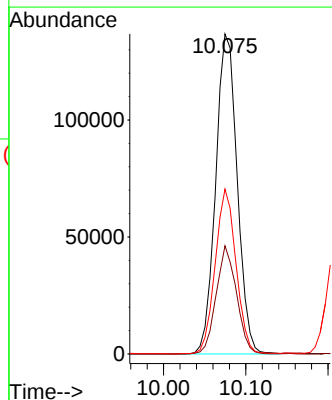
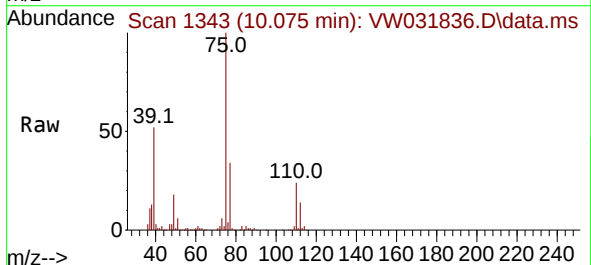
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

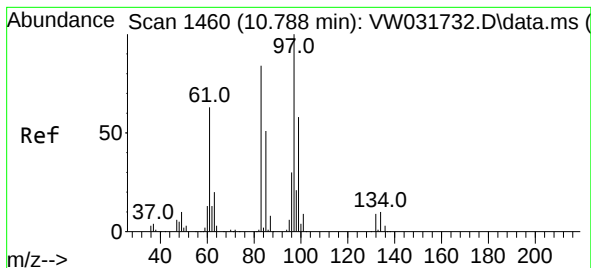
Tgt Ion: 75 Resp: 219316
Ion Ratio Lower Upper
75 100
77 31.9 24.3 36.5



#54
cis-1,3-Dichloropropene
Concen: 56.048 ug/l
RT: 10.075 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

Tgt Ion: 75 Resp: 248851
Ion Ratio Lower Upper
75 100
77 33.8 25.4 38.2
39 51.4 41.8 62.6



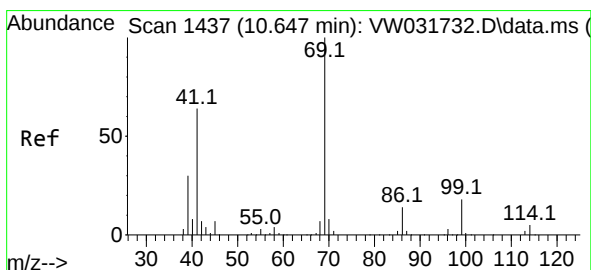
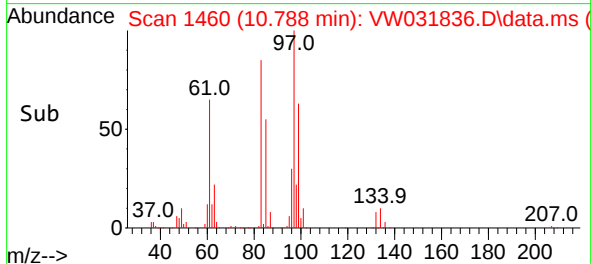
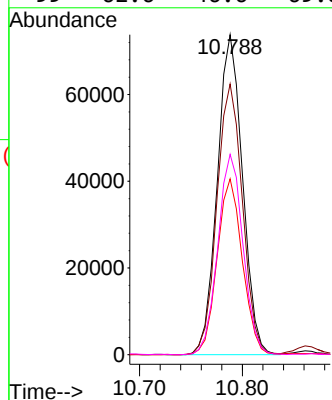
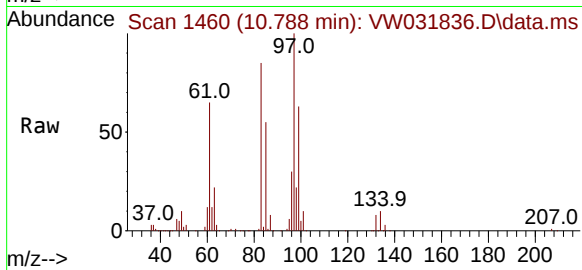


#55
1,1,2-Trichloroethane
Concen: 53.895 ug/l
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 125673

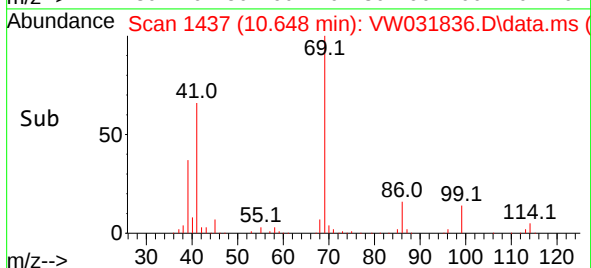
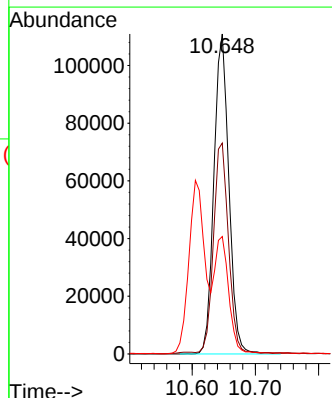
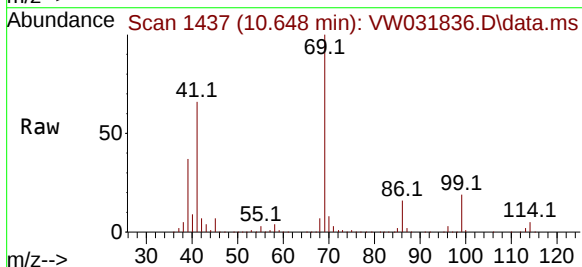
Ion	Ratio	Lower	Upper
97	100		
83	84.6	66.9	100.3
85	55.0	41.1	61.7
99	62.6	46.6	69.8



#56
Ethyl methacrylate
Concen: 57.487 ug/l
RT: 10.648 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

Tgt Ion: 69 Resp: 181859

Ion	Ratio	Lower	Upper
69	100		
41	66.7	53.3	79.9
39	34.1	30.2	45.2





#57

1,3-Dichloropropane

Concen: 54.390 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031836.D

Acq: 14 Jul 2025 09:17

Instrument :

MSVOA_W

ClientSampleId :

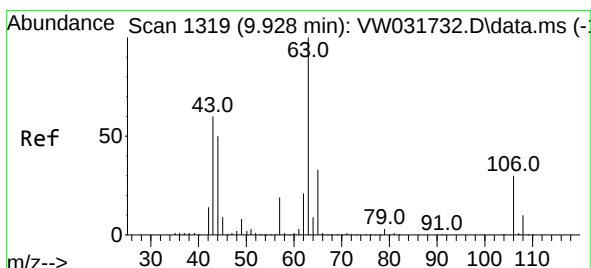
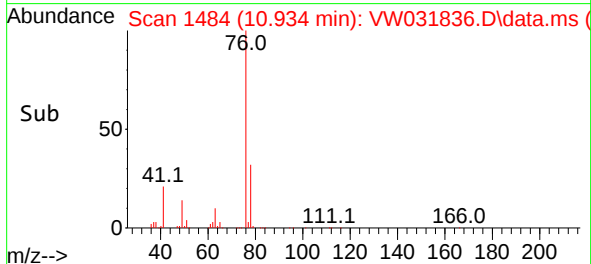
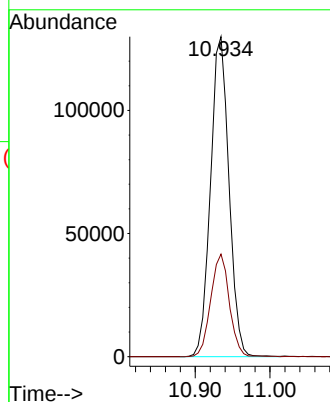
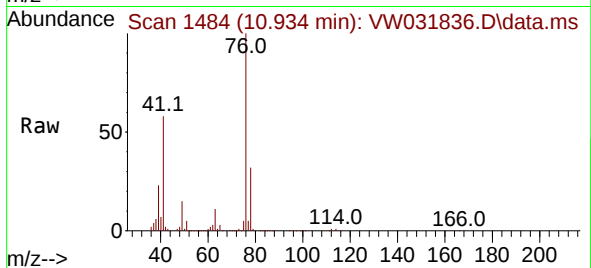
VSTDCCC050

Tgt Ion: 76 Resp: 222671

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 260.532 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031836.D

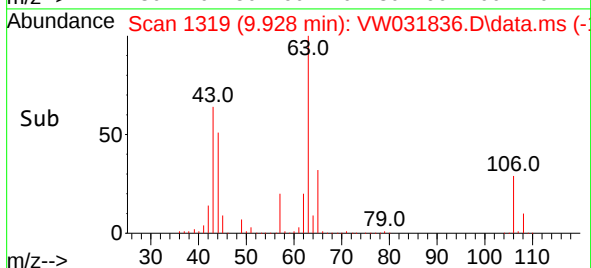
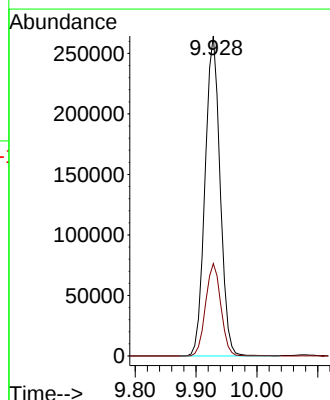
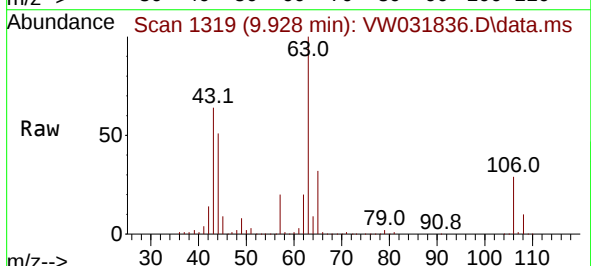
Acq: 14 Jul 2025 09:17

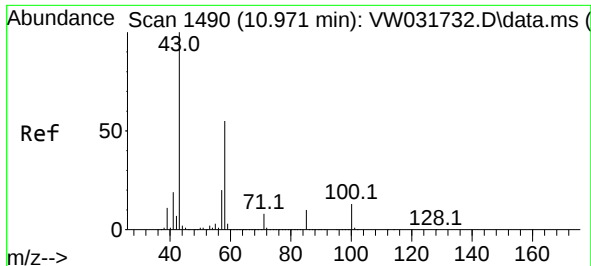
Tgt Ion: 63 Resp: 453835

Ion Ratio Lower Upper

63 100

106 29.2 24.1 36.1

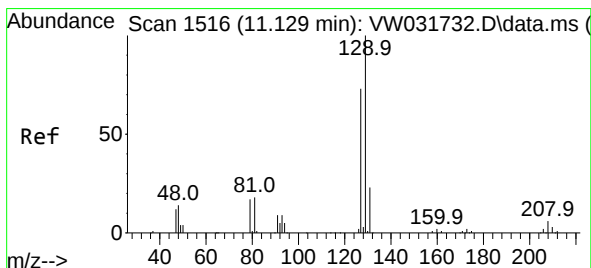
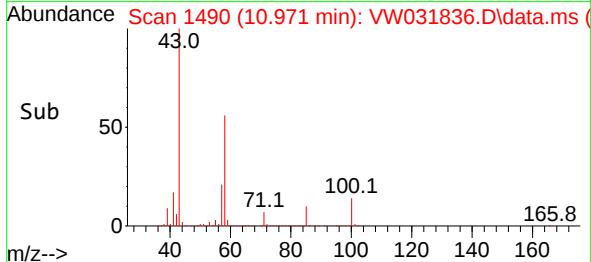
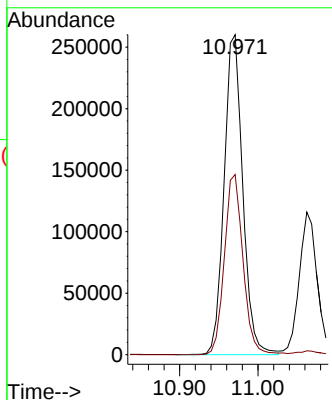
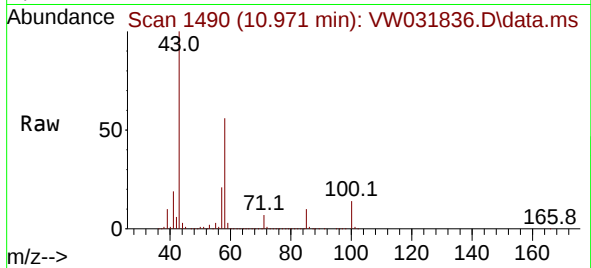




#59
2-Hexanone
Concen: 263.418 ug/l
RT: 10.971 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

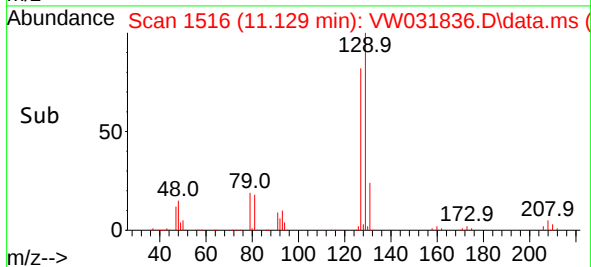
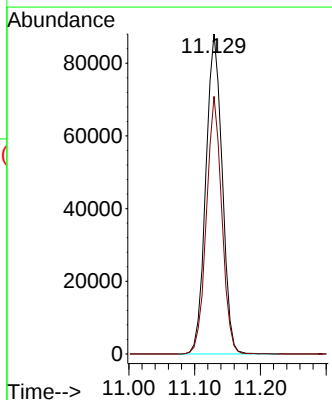
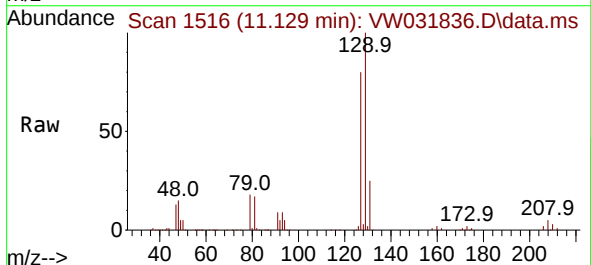
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

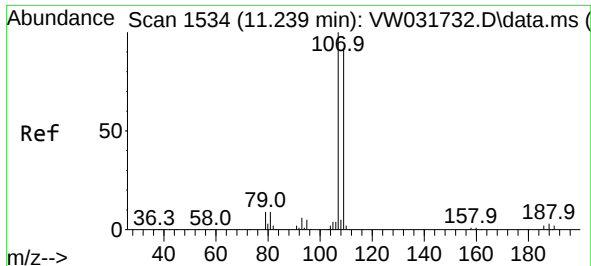
Tgt Ion: 43 Resp: 430301
Ion Ratio Lower Upper
43 100
58 56.4 27.9 83.6



#60
Dibromochloromethane
Concen: 54.520 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

Tgt Ion:129 Resp: 152023
Ion Ratio Lower Upper
129 100
127 76.0 38.0 114.1

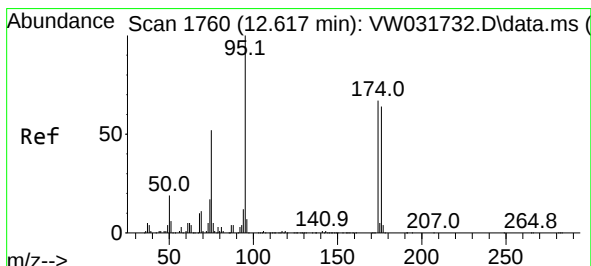
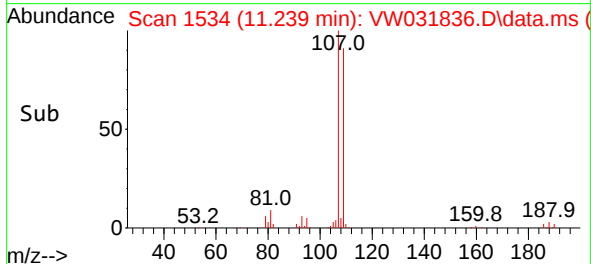
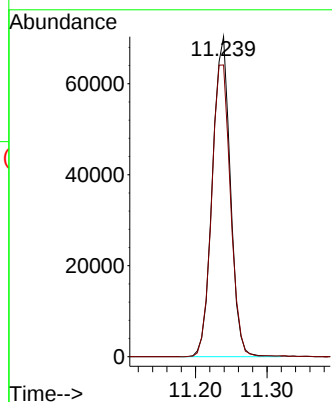
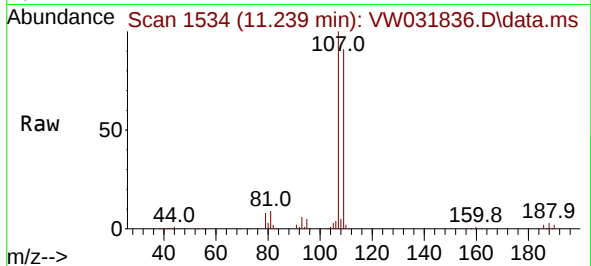




#61
1,2-Dibromoethane
Concen: 52.269 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

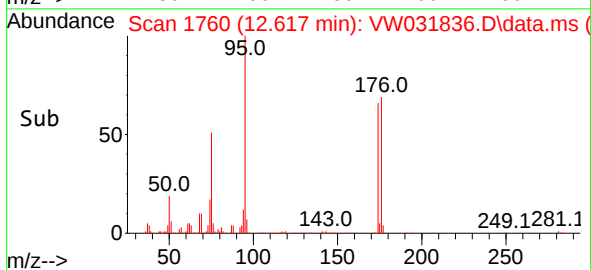
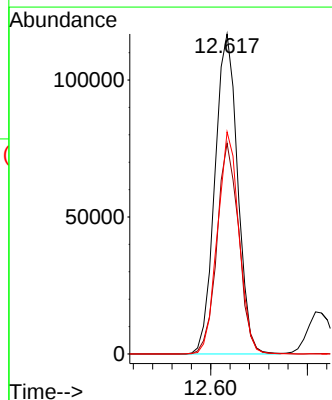
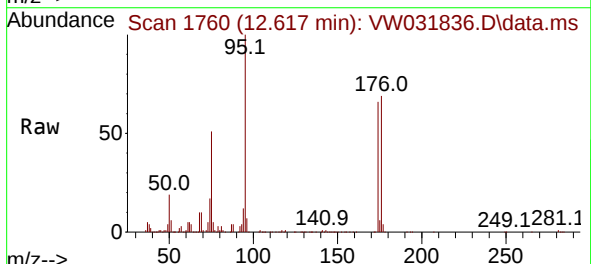
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

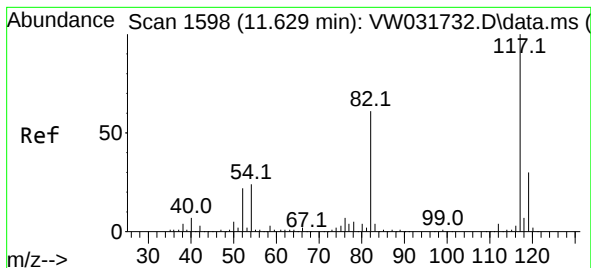
Tgt Ion:107 Resp: 122012
Ion Ratio Lower Upper
107 100
109 95.9 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 52.159 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

Tgt Ion: 95 Resp: 190344
Ion Ratio Lower Upper
95 100
174 63.4 0.0 133.8
176 65.7 0.0 126.0

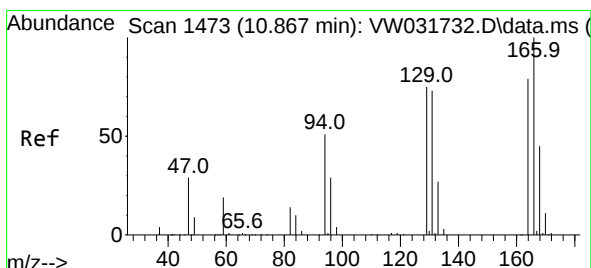
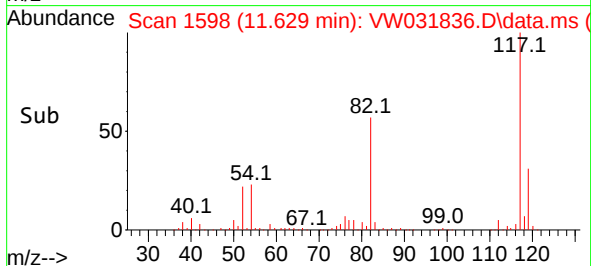
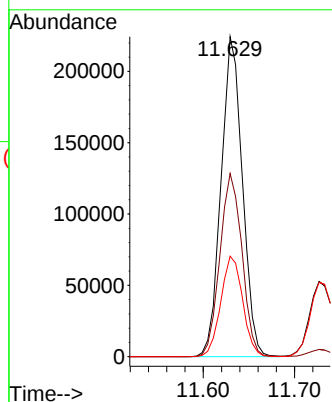
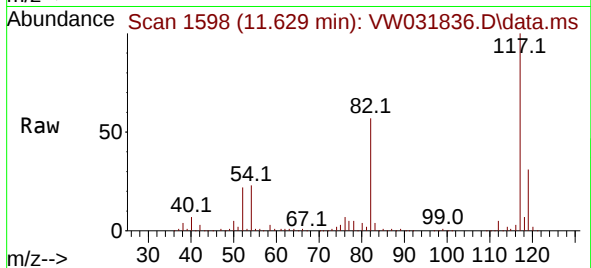




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

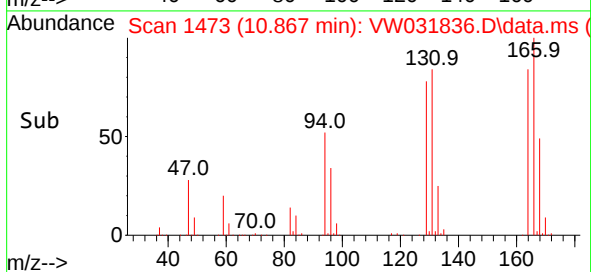
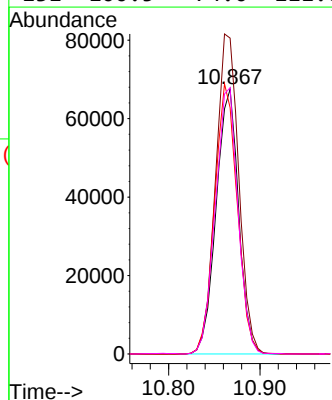
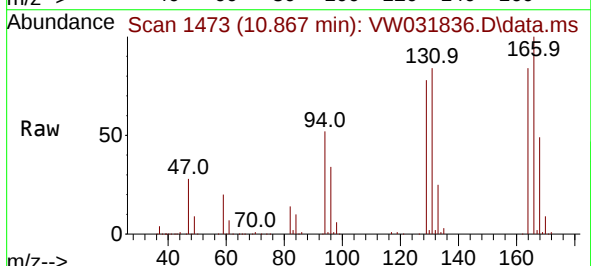
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

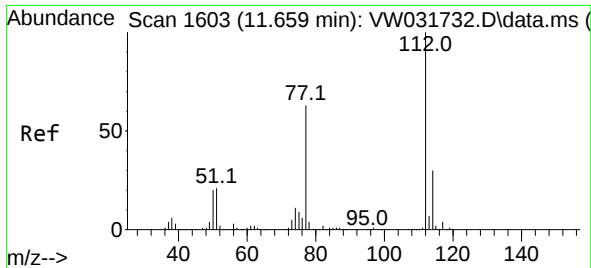
Tgt Ion:117 Resp: 364073
Ion Ratio Lower Upper
117 100
82 57.3 48.6 72.8
119 31.4 23.9 35.9



#64
Tetrachloroethene
Concen: 48.361 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

Tgt Ion:164 Resp: 115170
Ion Ratio Lower Upper
164 100
166 119.3 100.7 151.1
129 93.0 75.4 113.0
131 100.5 74.0 111.0

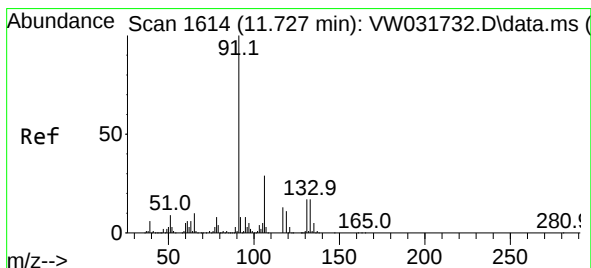
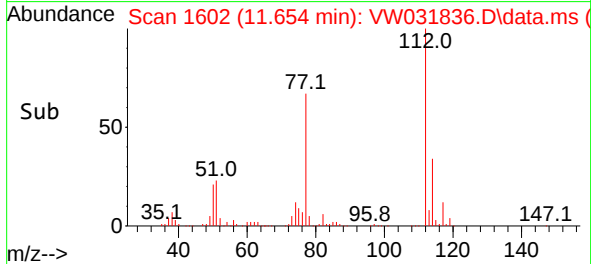
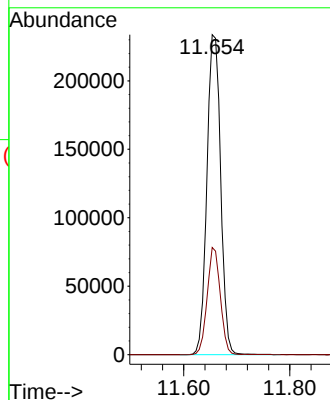
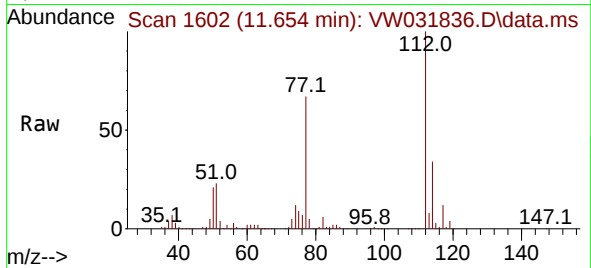




#65
Chlorobenzene
Concen: 52.207 ug/l
RT: 11.654 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

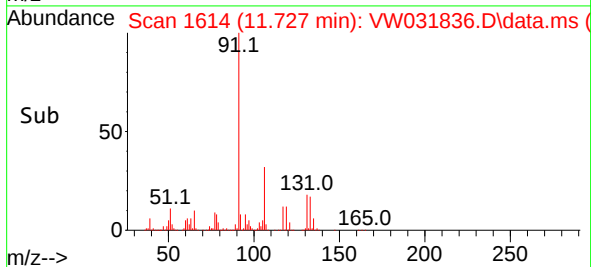
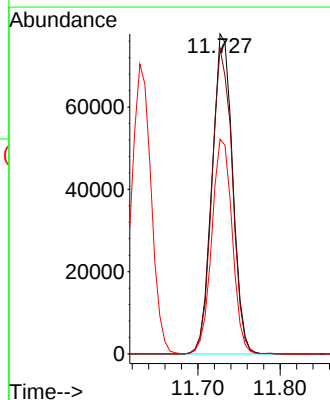
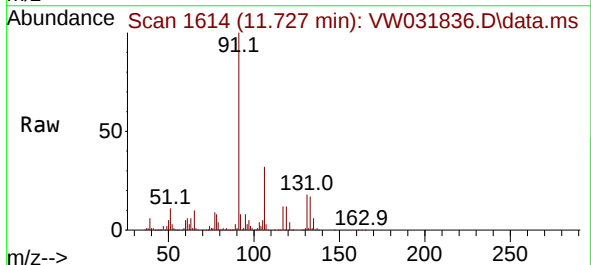
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

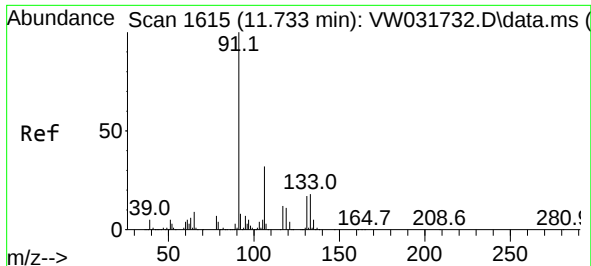
Tgt Ion:112 Resp: 419361
Ion Ratio Lower Upper
112 100
114 33.5 23.8 35.8



#66
1,1,1,2-Tetrachloroethane
Concen: 52.880 ug/l
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

Tgt Ion:131 Resp: 135360
Ion Ratio Lower Upper
131 100
133 95.0 48.5 145.6
119 66.7 32.5 97.5





#67

Ethyl Benzene

Concen: 53.161 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.000 min

Lab File: VW031836.D

Acq: 14 Jul 2025 09:17

Instrument :

MSVOA_W

ClientSampleId :

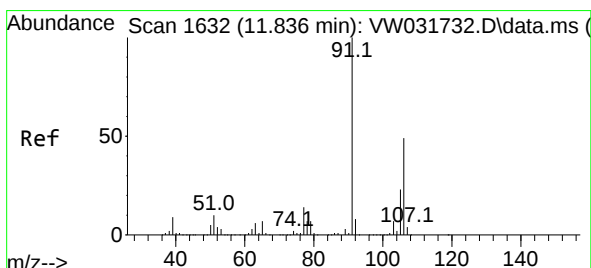
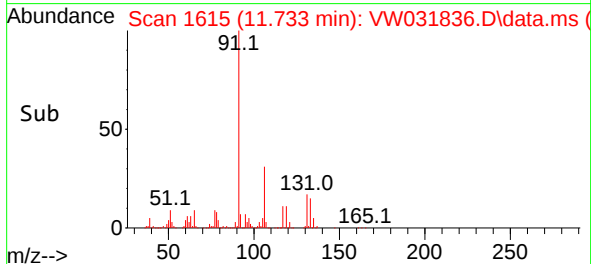
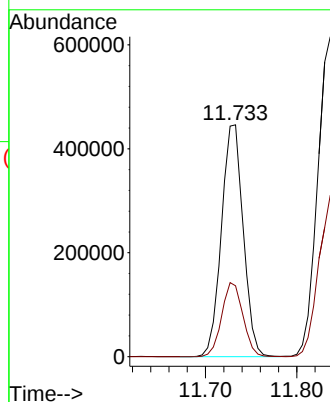
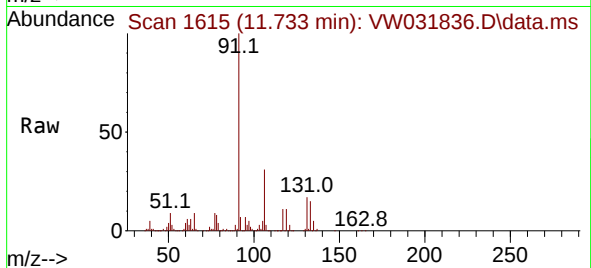
VSTDCCC050

Tgt Ion: 91 Resp: 740477

Ion Ratio Lower Upper

91 100

106 30.6 25.4 38.2



#68

m/p-Xylenes

Concen: 106.930 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031836.D

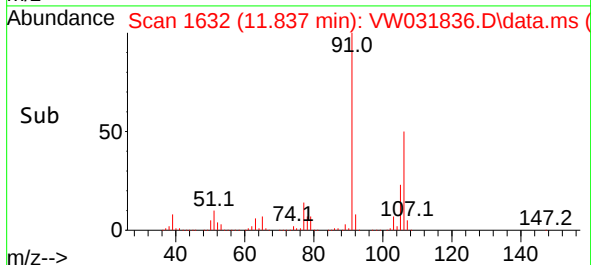
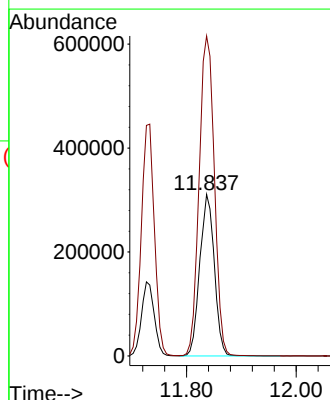
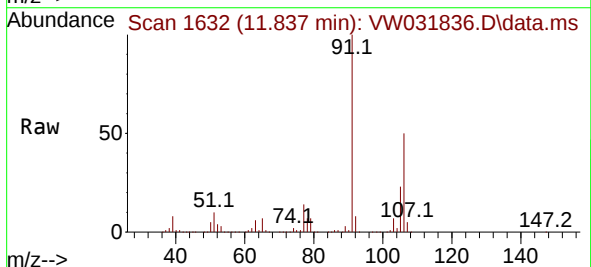
Acq: 14 Jul 2025 09:17

Tgt Ion: 106 Resp: 572560

Ion Ratio Lower Upper

106 100

91 207.5 166.4 249.6

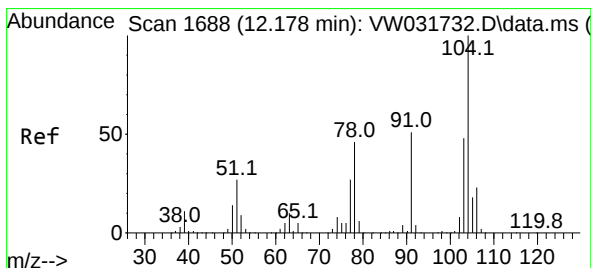
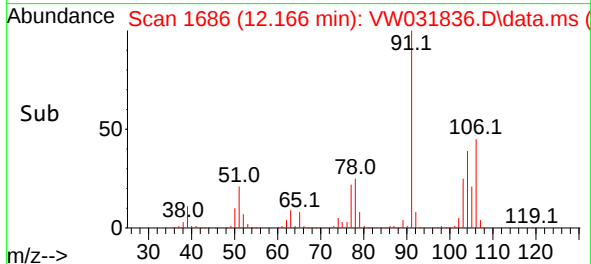
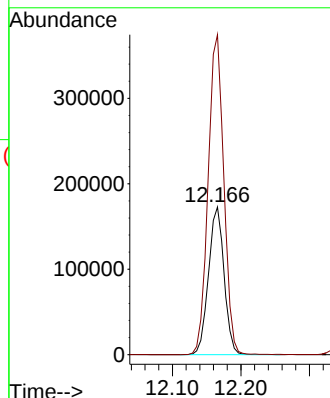
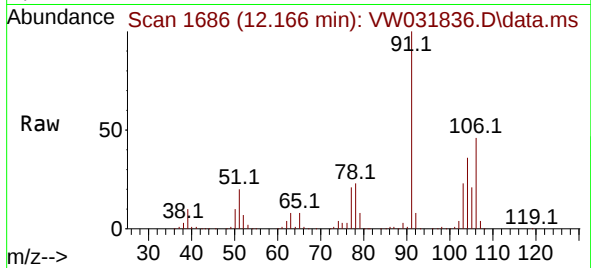




#69
o-Xylene
Concen: 55.153 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

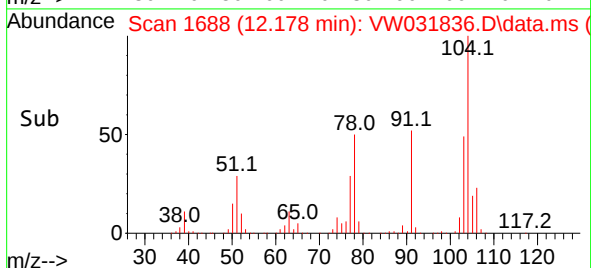
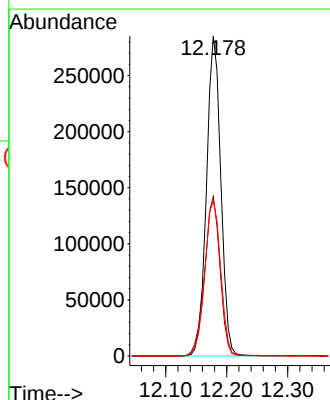
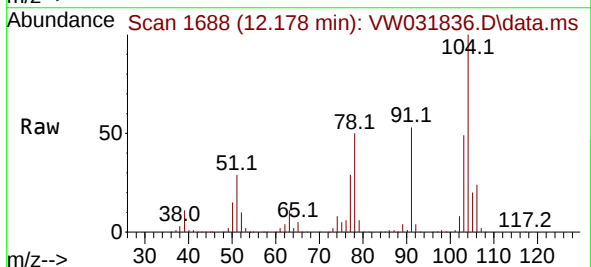
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 273433
Ion Ratio Lower Upper
106 100
91 218.2 111.5 334.4



#70
Styrene
Concen: 54.348 ug/l
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

Tgt Ion:104 Resp: 465805
Ion Ratio Lower Upper
104 100
78 53.5 42.1 63.1
103 53.8 43.0 64.6





#71

Bromoform

Concen: 51.612 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031836.D

Acq: 14 Jul 2025 09:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

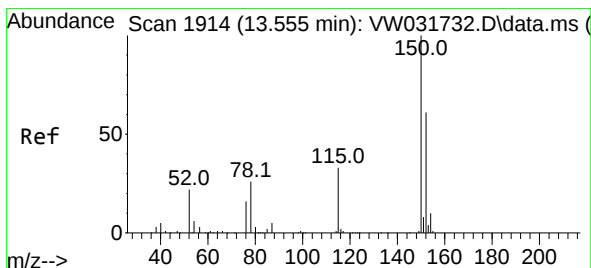
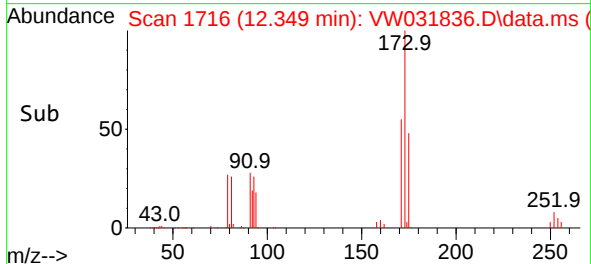
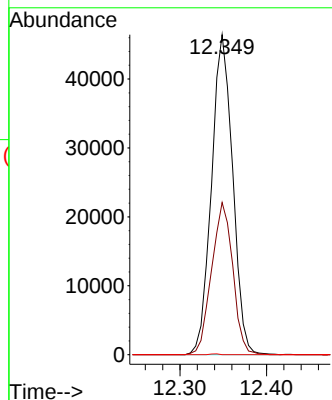
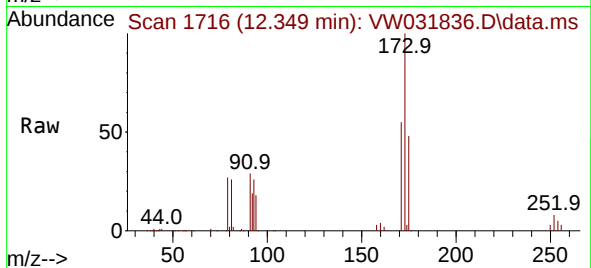
Tgt Ion:173 Resp: 78814

Ion Ratio Lower Upper

173 100

175 47.6 24.0 72.0

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: VW031836.D

Acq: 14 Jul 2025 09:17

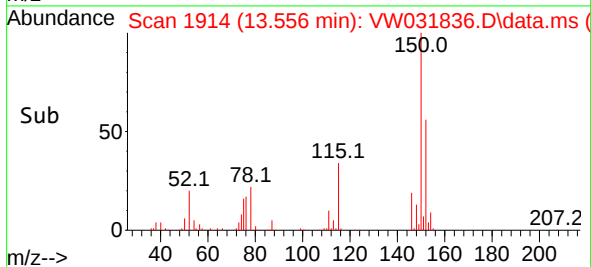
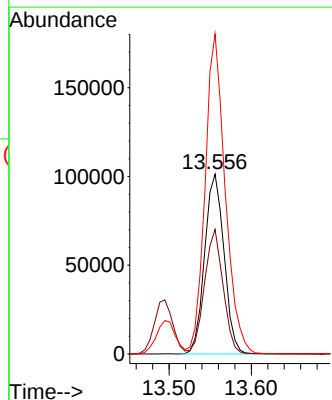
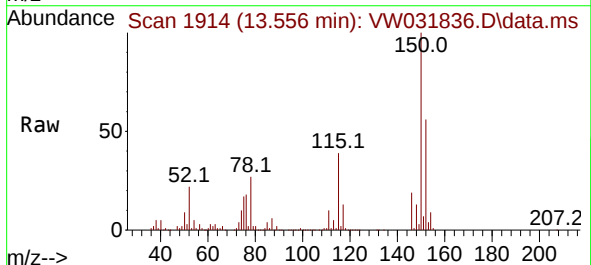
Tgt Ion:152 Resp: 165994

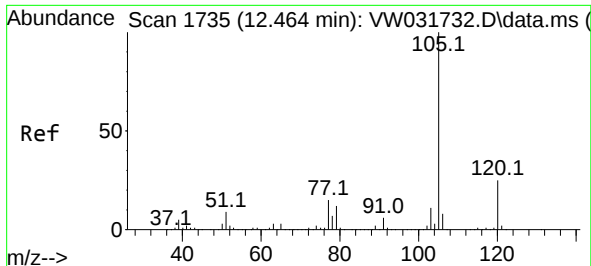
Ion Ratio Lower Upper

152 100

115 66.5 31.9 95.7

150 184.6 0.0 356.4

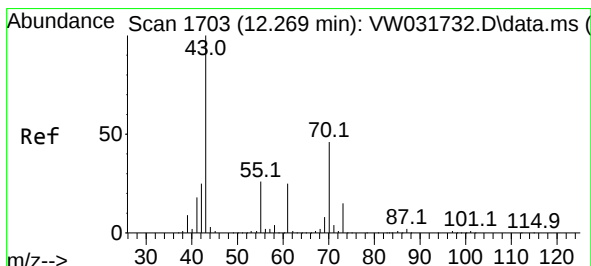
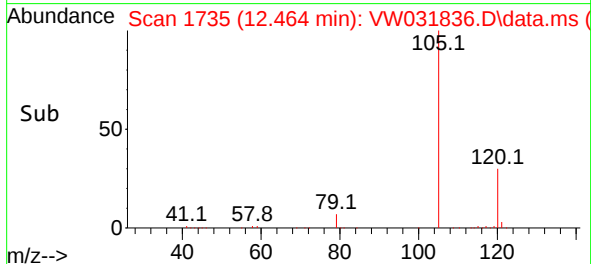
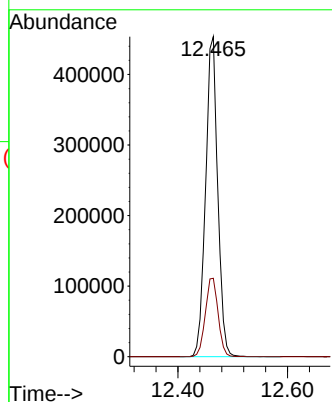
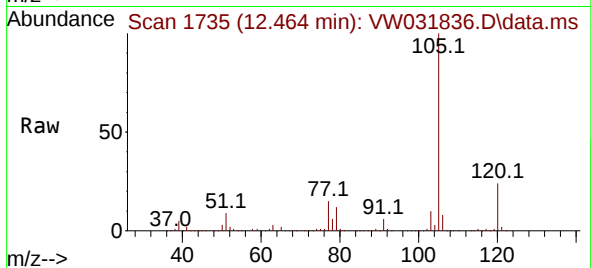




#73
Isopropylbenzene
Concen: 54.837 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

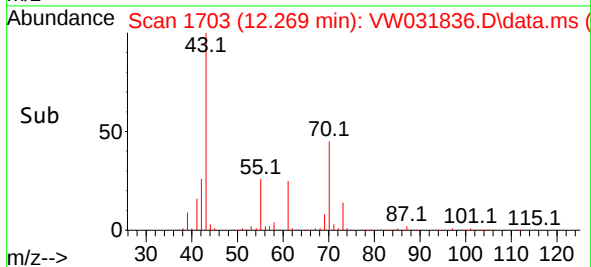
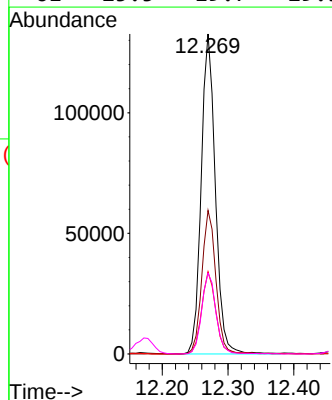
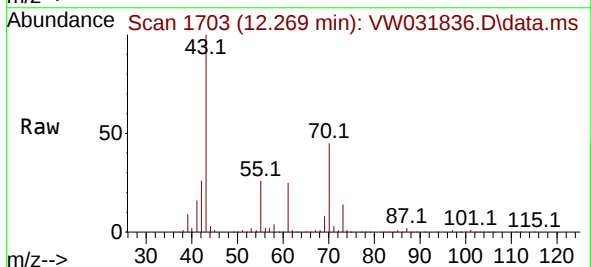
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

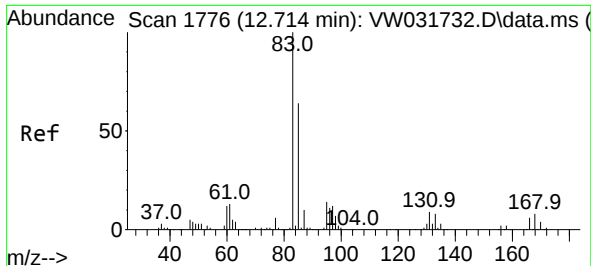
Tgt Ion:105 Resp: 692398
Ion Ratio Lower Upper
105 100
120 25.9 12.8 38.4



#74
N-ethyl acetate
Concen: 58.389 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

Tgt Ion: 43 Resp: 198710
Ion Ratio Lower Upper
43 100
70 44.8 36.0 54.0
55 25.8 20.8 31.2
61 25.5 19.7 29.5

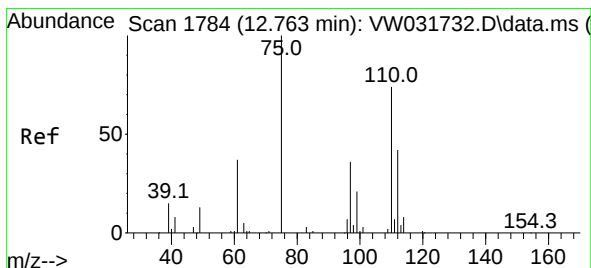
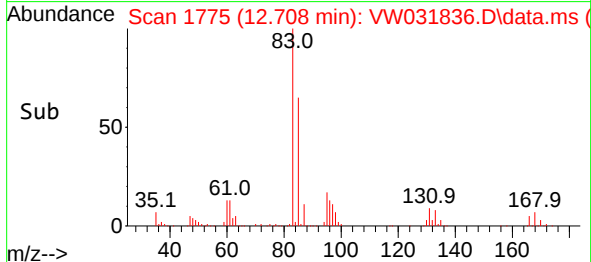
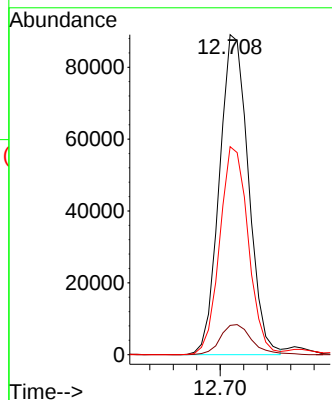
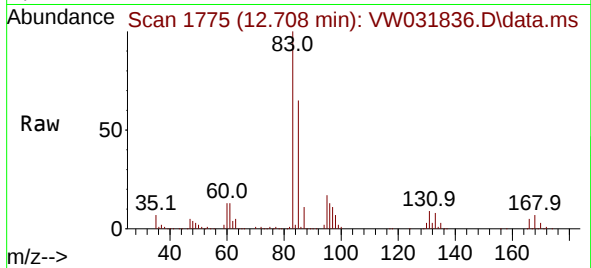




#75
1,1,2,2-Tetrachloroethane
Concen: 54.511 ug/l
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

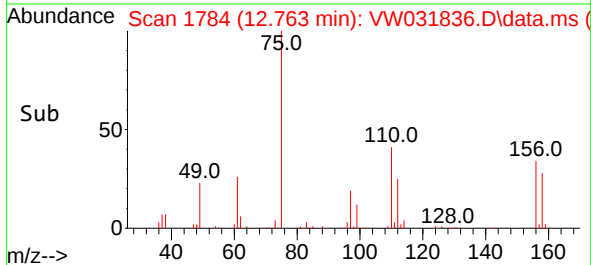
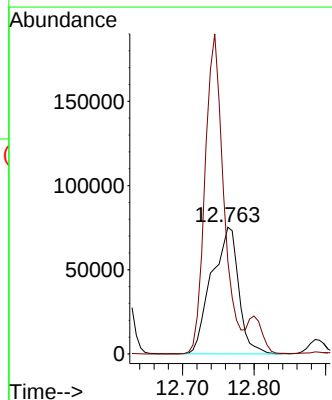
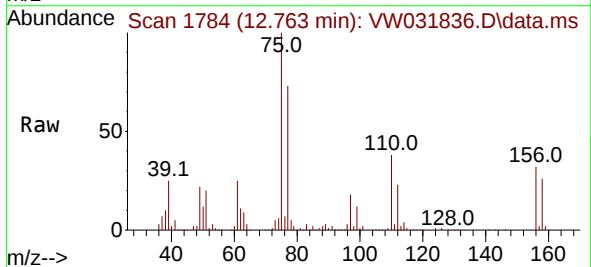
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

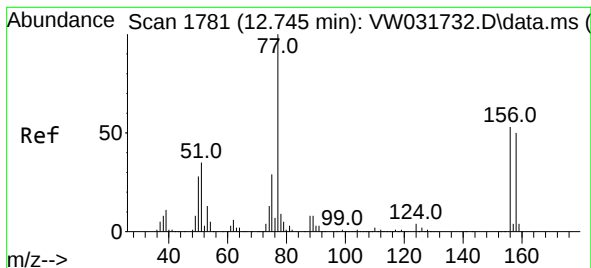
Tgt Ion: 83 Resp: 152803
Ion Ratio Lower Upper
83 100
131 10.2 5.3 16.1
85 63.9 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 92.067 ug/l
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

Tgt Ion: 75 Resp: 197493
Ion Ratio Lower Upper
75 100
77 174.2 141.2 423.6





#77

Bromobenzene

Concen: 53.439 ug/l

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031836.D

Acq: 14 Jul 2025 09:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

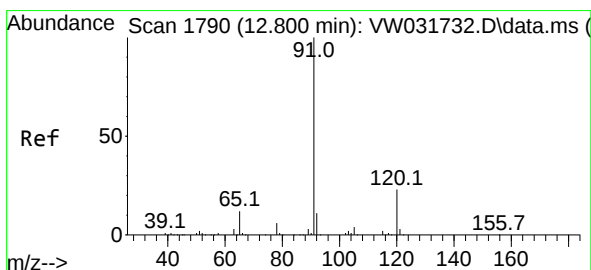
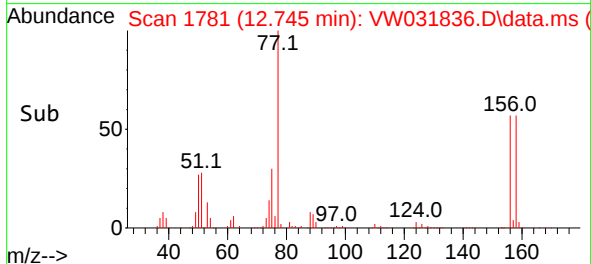
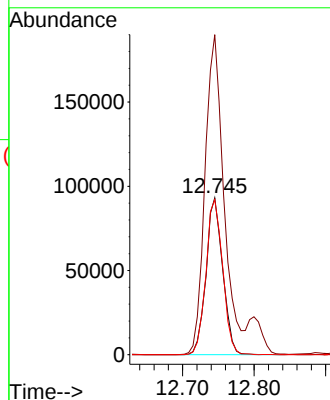
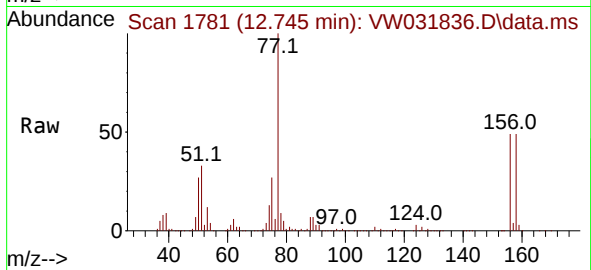
Tgt Ion:156 Resp: 150491

Ion Ratio Lower Upper

156 100

77 228.6 117.9 353.7

158 99.6 52.6 157.8



#78

n-propylbenzene

Concen: 55.335 ug/l

RT: 12.800 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VW031836.D

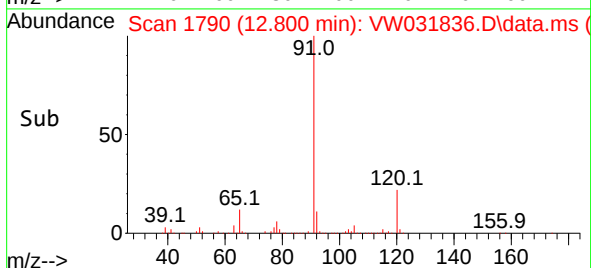
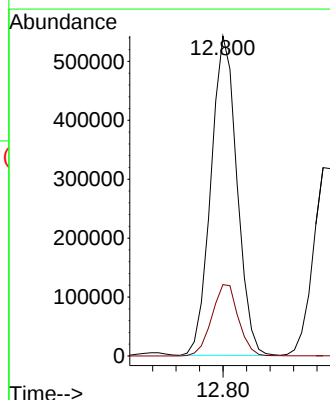
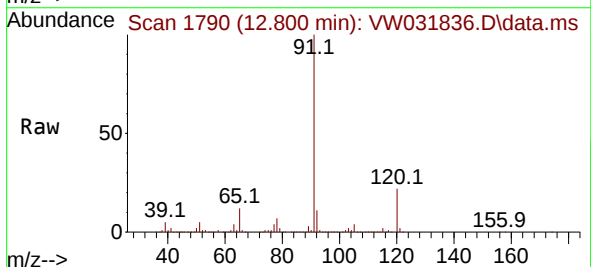
Acq: 14 Jul 2025 09:17

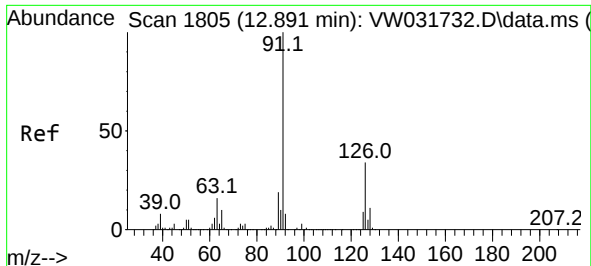
Tgt Ion: 91 Resp: 836655

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4

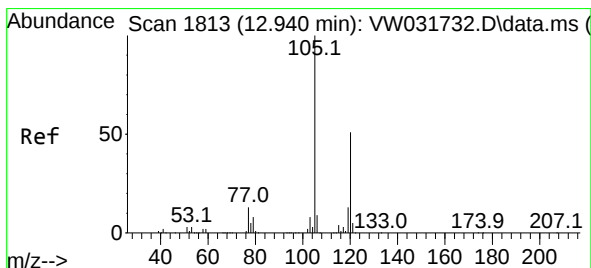
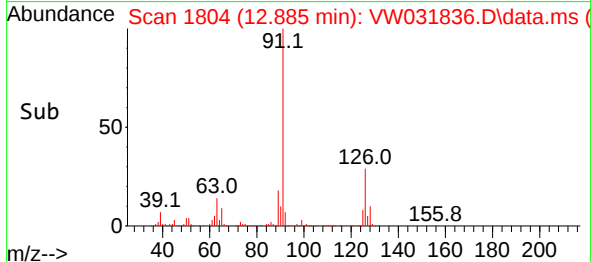
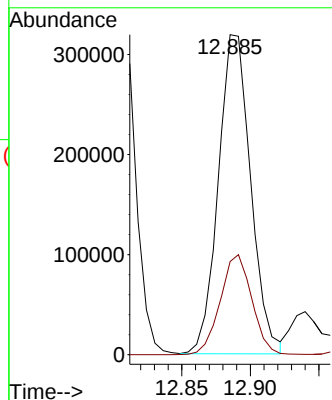
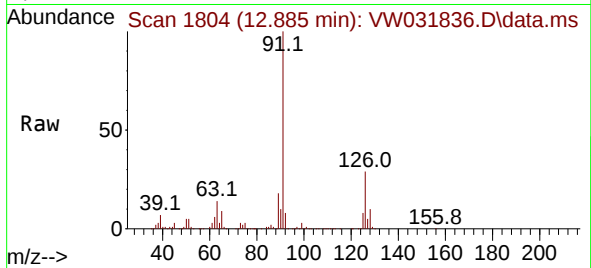




#79
2-Chlorotoluene
Concen: 57.600 ug/l
RT: 12.885 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

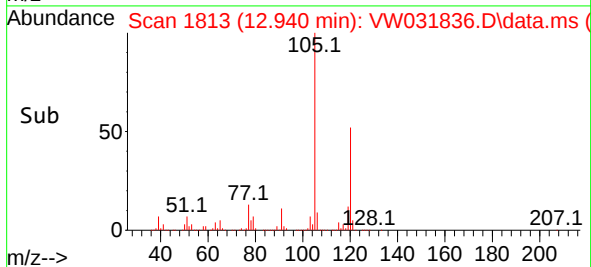
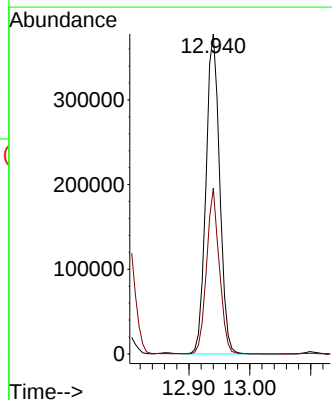
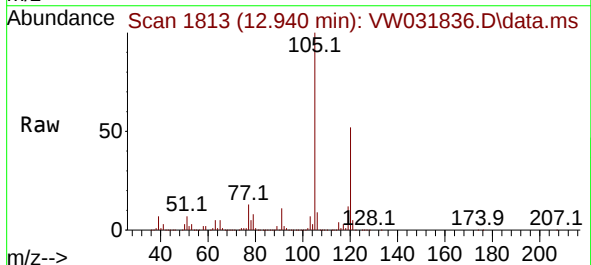
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 524436
Ion Ratio Lower Upper
91 100
126 30.6 15.8 47.4



#80
1,3,5-Trimethylbenzene
Concen: 56.384 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

Tgt Ion: 105 Resp: 589302
Ion Ratio Lower Upper
105 100
120 48.2 23.8 71.2

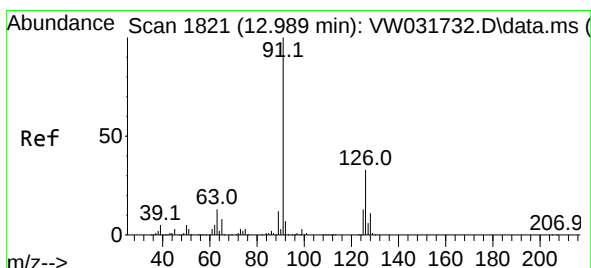
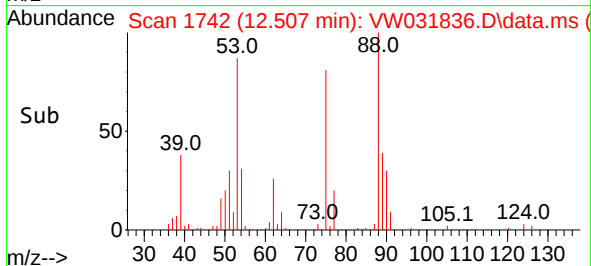
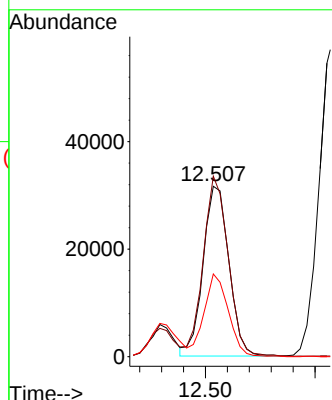
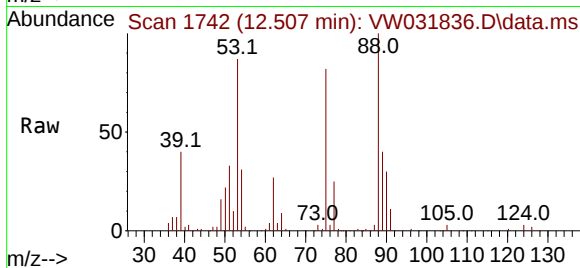




#81
trans-1,4-Dichloro-2-butene
Concen: 56.239 ug/l
RT: 12.507 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

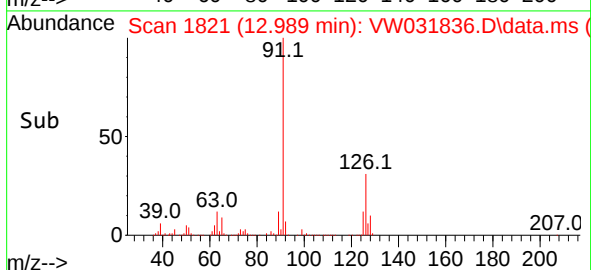
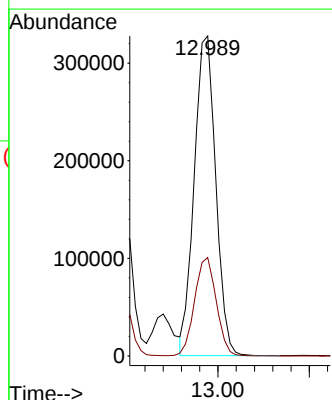
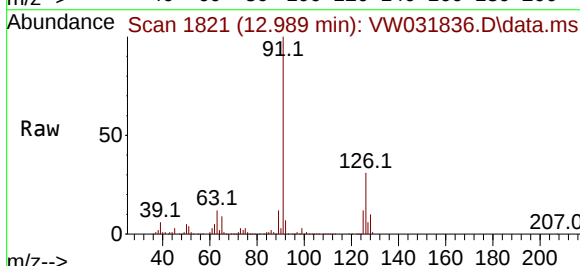
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

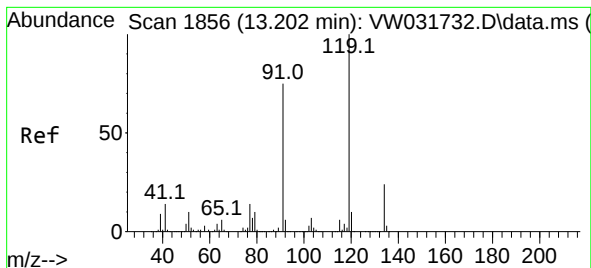
Tgt Ion	Ratio	Lower	Upper
75	100		
53	103.3	83.5	125.3
89	45.9	38.3	57.5



#82
4-Chlorotoluene
Concen: 56.037 ug/l
RT: 12.989 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VW031836.D
Acq: 14 Jul 2025 09:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	16.0	47.9





#83

tert-Butylbenzene

Concen: 56.796 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VW031836.D

Acq: 14 Jul 2025 09:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

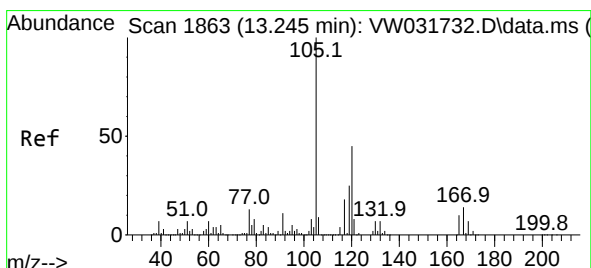
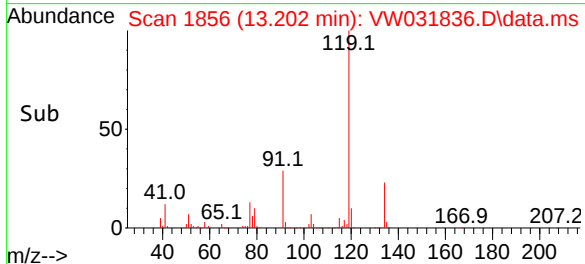
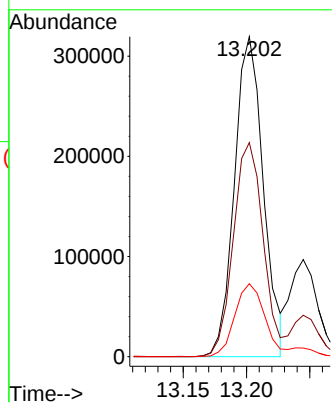
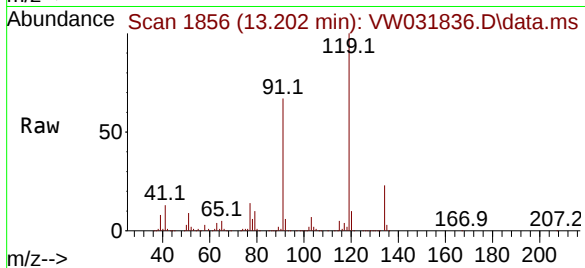
Tgt Ion:119 Resp: 508480

Ion Ratio Lower Upper

119 100

91 68.6 36.0 108.1

134 23.8 12.4 37.2



#84

1,2,4-Trimethylbenzene

Concen: 56.696 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW031836.D

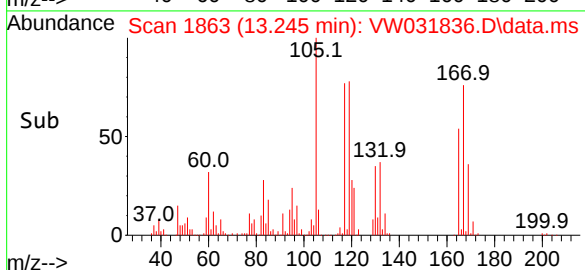
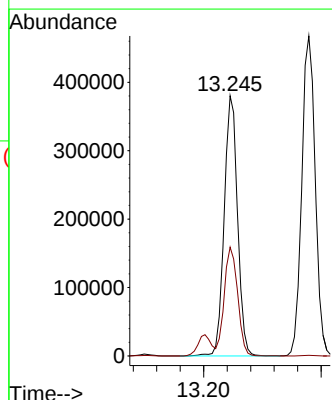
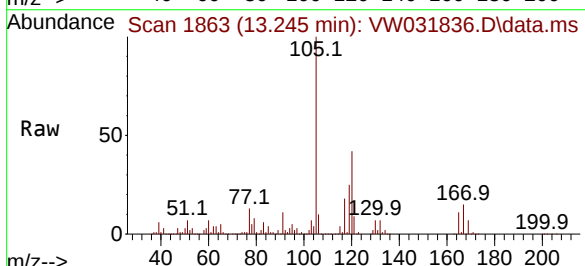
Acq: 14 Jul 2025 09:17

Tgt Ion:105 Resp: 600386

Ion Ratio Lower Upper

105 100

120 41.8 22.1 66.1





#85

sec-Butylbenzene

Concen: 55.125 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VW031836.D

Acq: 14 Jul 2025 09:17

Instrument :

MSVOA_W

ClientSampleId :

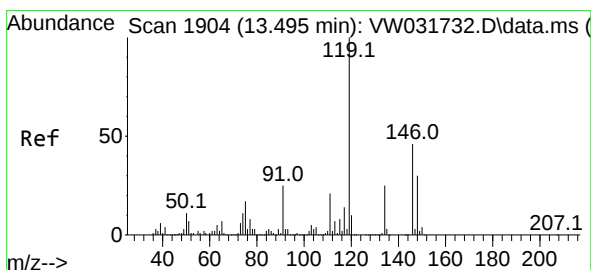
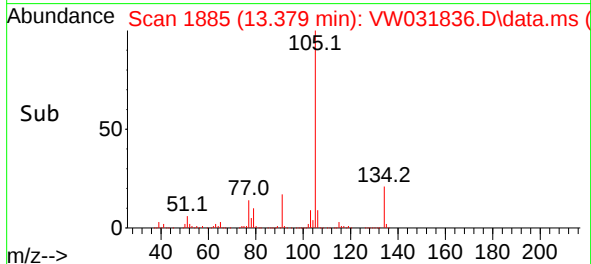
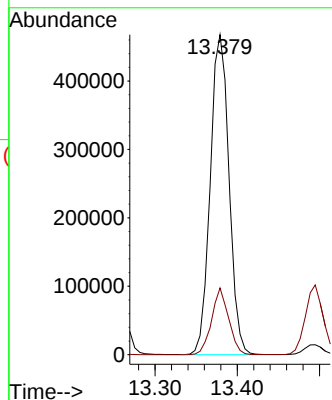
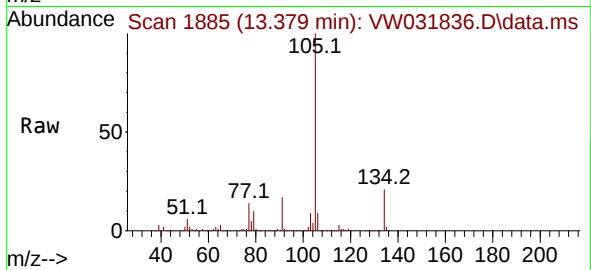
VSTDCCC050

Tgt Ion:105 Resp: 740756

Ion Ratio Lower Upper

105 100

134 19.0 9.6 28.8



#86

p-Isopropyltoluene

Concen: 54.212 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031836.D

Acq: 14 Jul 2025 09:17

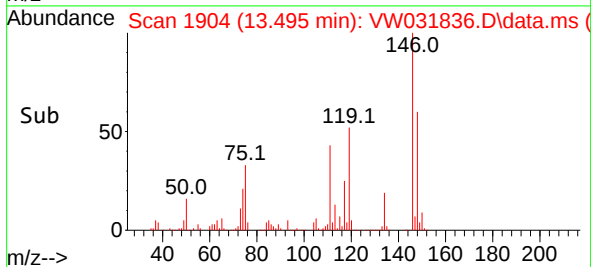
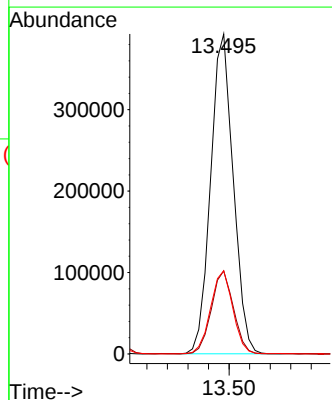
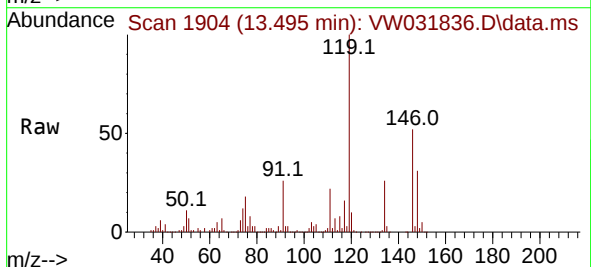
Tgt Ion:119 Resp: 600369

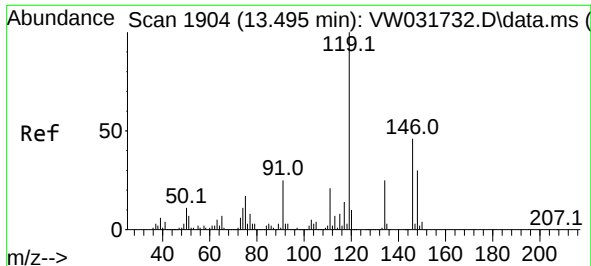
Ion Ratio Lower Upper

119 100

134 25.4 12.9 38.7

91 25.5 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 54.933 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031836.D

Acq: 14 Jul 2025 09:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

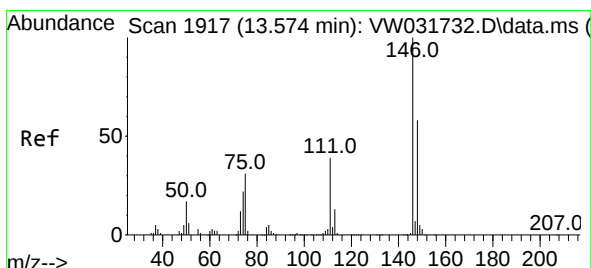
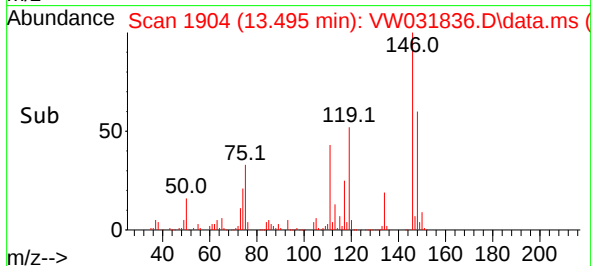
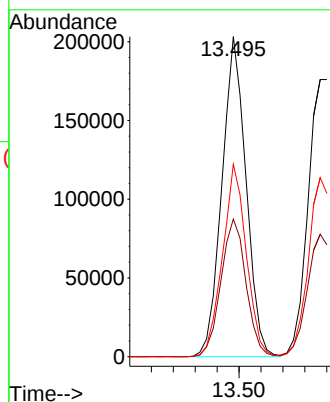
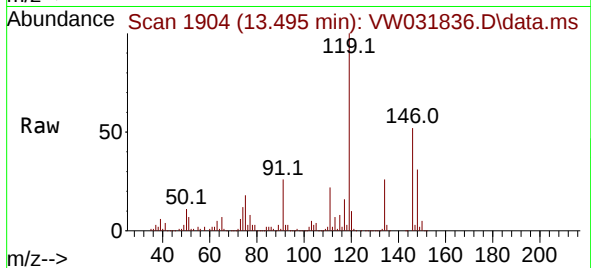
Tgt Ion:146 Resp: 310240

Ion Ratio Lower Upper

146 100

111 44.6 22.3 66.9

148 59.3 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 52.075 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031836.D

Acq: 14 Jul 2025 09:17

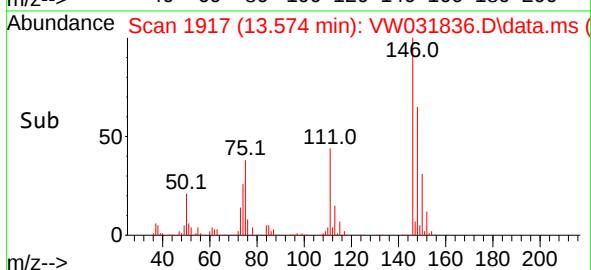
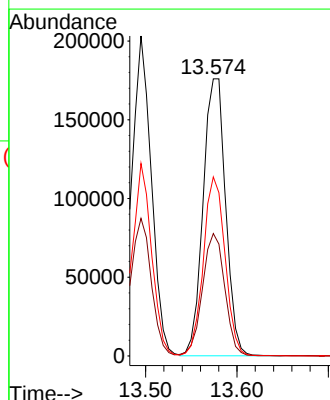
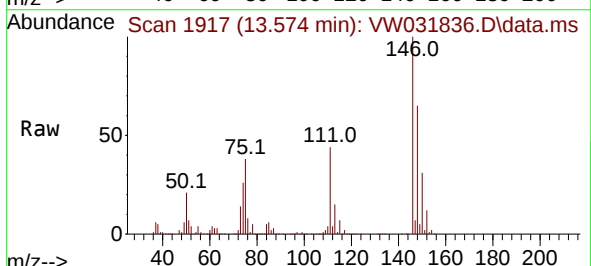
Tgt Ion:146 Resp: 301024

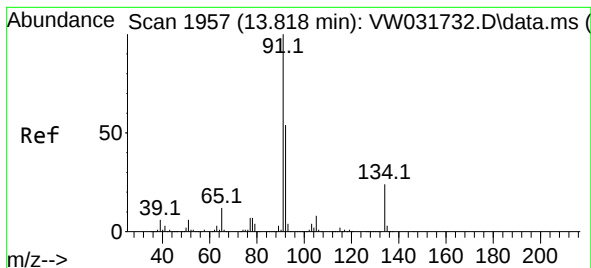
Ion Ratio Lower Upper

146 100

111 44.0 20.4 61.3

148 62.2 30.2 90.6





#89

n-Butylbenzene

Concen: 55.390 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW031836.D

Acq: 14 Jul 2025 09:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

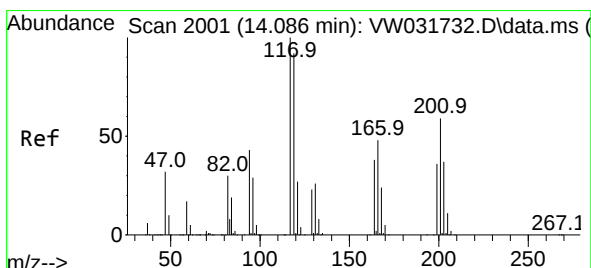
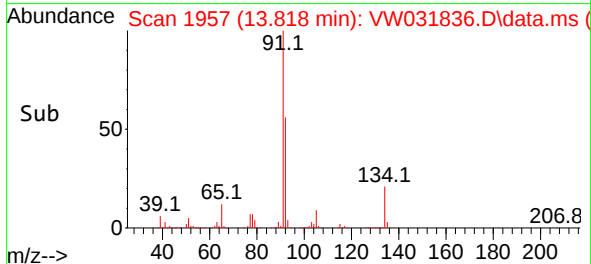
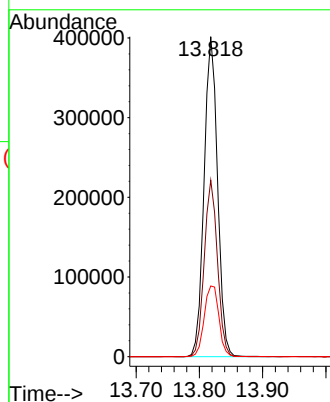
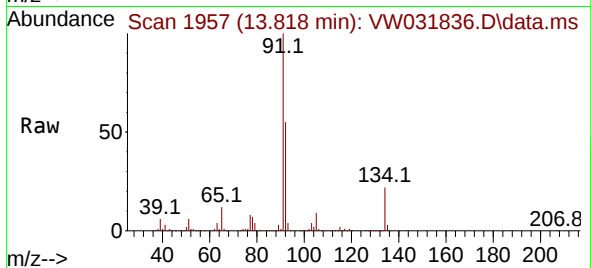
Tgt Ion: 91 Resp: 596003

Ion Ratio Lower Upper

91 100

92 54.2 27.2 81.5

134 24.1 12.2 36.6



#90

Hexachloroethane

Concen: 53.979 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VW031836.D

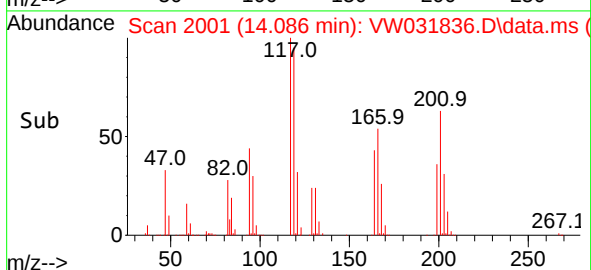
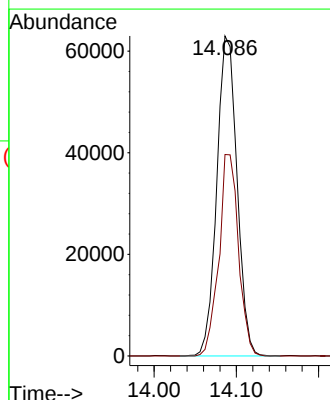
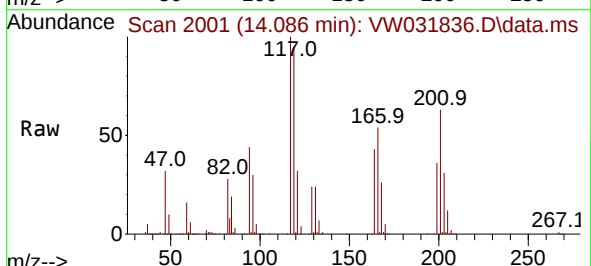
Acq: 14 Jul 2025 09:17

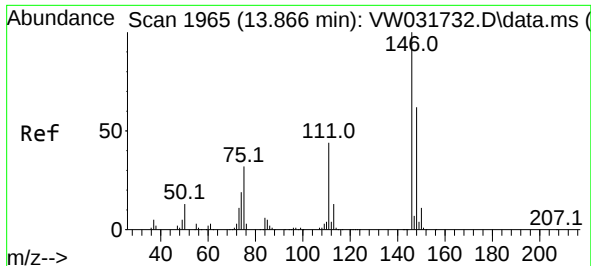
Tgt Ion: 117 Resp: 107848

Ion Ratio Lower Upper

117 100

201 60.8 31.1 93.3





#91

1,2-Dichlorobenzene

Concen: 53.691 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031836.D

Acq: 14 Jul 2025 09:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

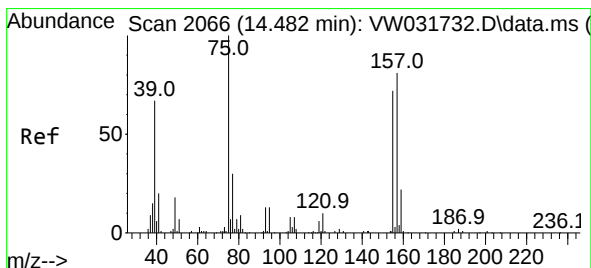
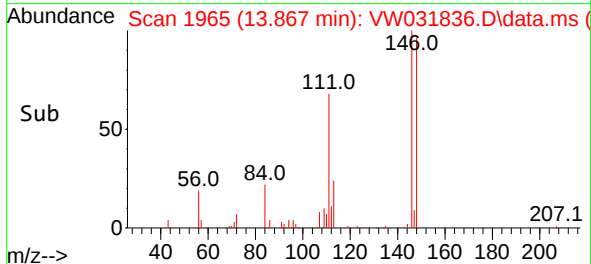
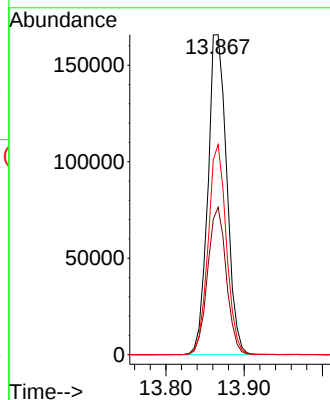
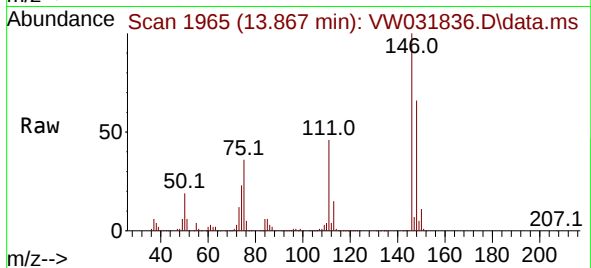
Tgt Ion:146 Resp: 277144

Ion Ratio Lower Upper

146 100

111 45.8 21.7 65.1

148 63.4 29.8 89.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.415 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW031836.D

Acq: 14 Jul 2025 09:17

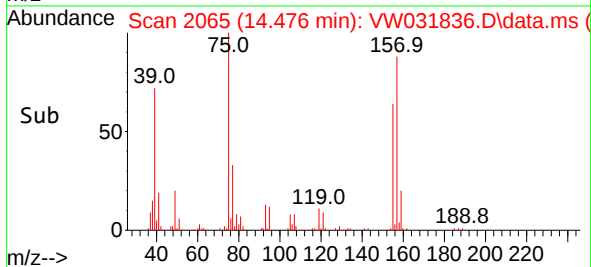
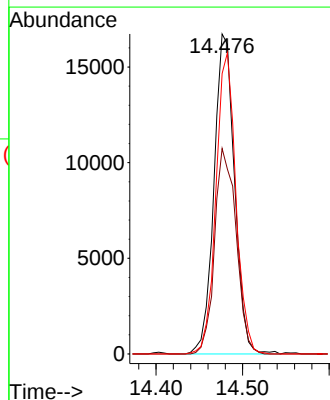
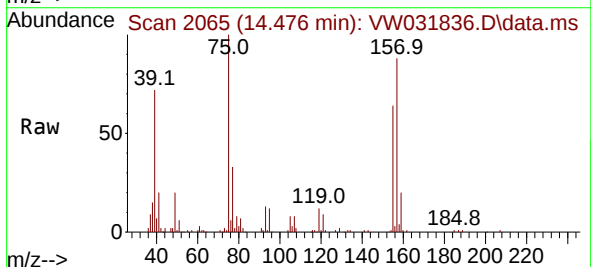
Tgt Ion: 75 Resp: 27594

Ion Ratio Lower Upper

75 100

155 66.9 37.2 111.6

157 90.9 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 51.224 ug/l

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW031836.D

Acq: 14 Jul 2025 09:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

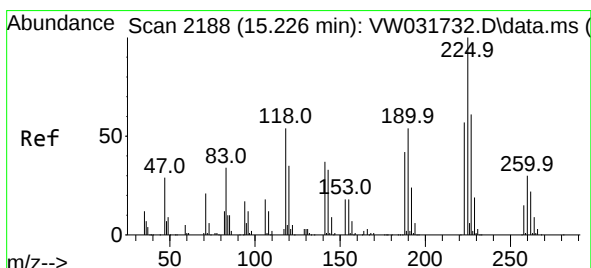
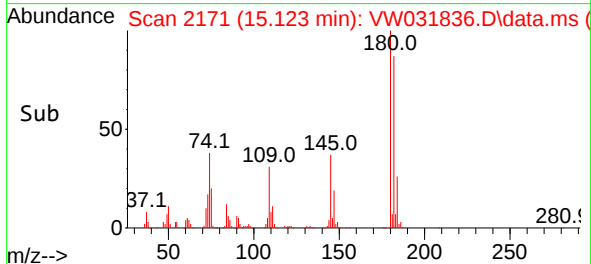
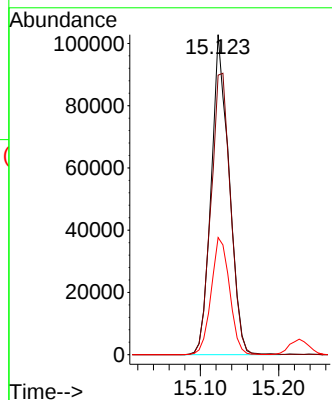
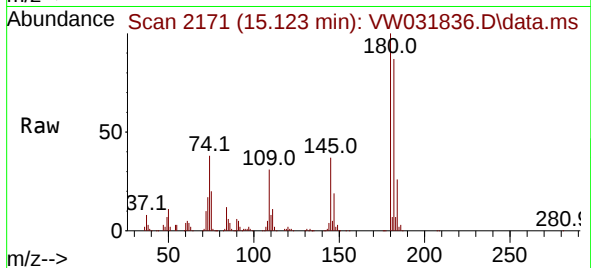
Tgt Ion:180 Resp: 163066

Ion Ratio Lower Upper

180 100

182 96.2 48.6 145.9

145 37.7 17.3 51.7



#94

Hexachlorobutadiene

Concen: 50.310 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VW031836.D

Acq: 14 Jul 2025 09:17

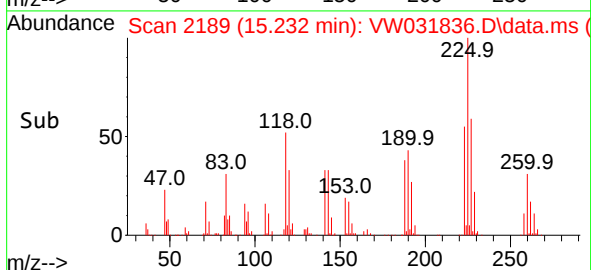
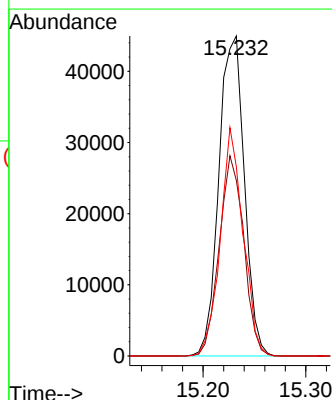
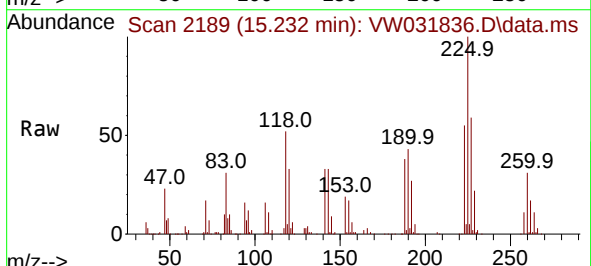
Tgt Ion:225 Resp: 77336

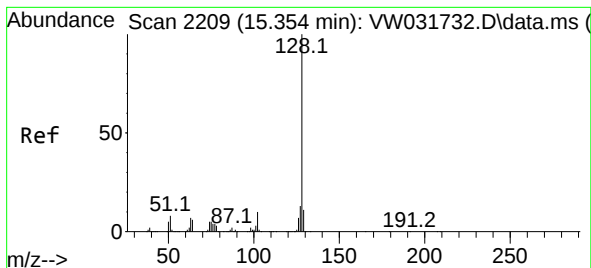
Ion Ratio Lower Upper

225 100

223 60.2 32.6 97.8

227 63.8 37.3 111.8





#95

Naphthalene

Concen: 54.377 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031836.D

Acq: 14 Jul 2025 09:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

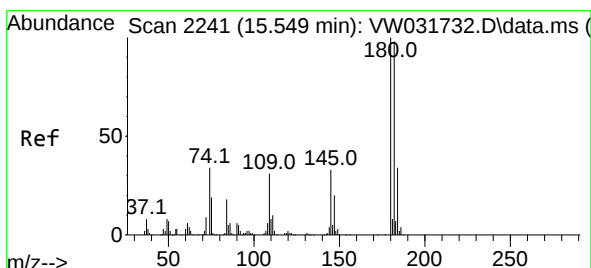
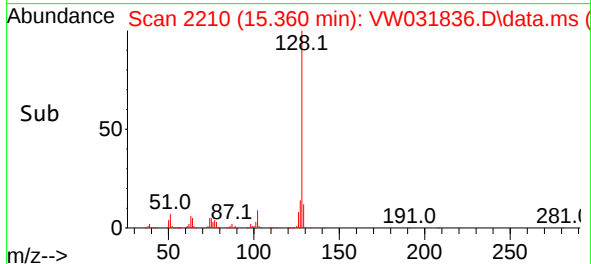
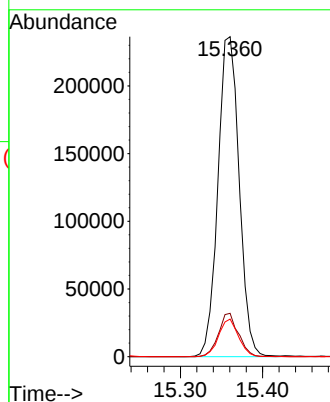
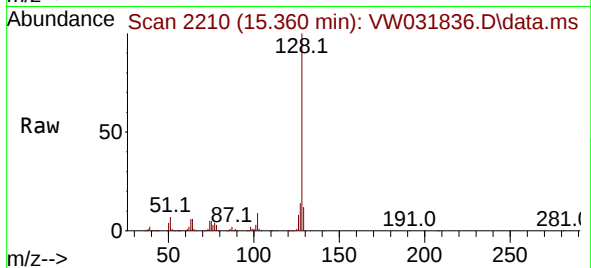
Tgt Ion:128 Resp: 424393

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 54.088 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031836.D

Acq: 14 Jul 2025 09:17

Tgt Ion:180 Resp: 158213

Ion Ratio Lower Upper

180 100

182 91.0 46.4 139.1

145 36.5 17.8 53.3

