

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
 Data File : VW031853.D
 Acq On : 14 Jul 2025 16:37
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 15 02:46:58 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	7.965	168	212729	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	424856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	377830	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	182654	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	168367	55.150	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 110.300%	
35) Dibromofluoromethane	7.910	113	136117	49.098	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 98.200%	
50) Toluene-d8	10.324	98	505955	49.040	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 98.080%	
62) 4-Bromofluorobenzene	12.617	95	196126	51.657	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 103.320%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.051	85	57333	39.574	ug/l	94
3) Chloromethane	2.265	50	86152	49.325	ug/l	99
4) Vinyl Chloride	2.411	62	109868	47.858	ug/l	97
5) Bromomethane	2.832	94	78374	43.707	ug/l	96
6) Chloroethane	2.978	64	72431	46.447	ug/l	99
7) Trichlorofluoromethane	3.313	101	102939	49.373	ug/l	99
8) Diethyl Ether	3.728	74	85658	54.068	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.106	101	108819	47.023	ug/l	99
10) Methyl Iodide	4.319	142	165157	46.294	ug/l	98
11) Tert butyl alcohol	5.228	59	51725	273.480	ug/l	97
12) 1,1-Dichloroethene	4.082	96	121853	48.072	ug/l	96
13) Acrolein	3.935	56	67079	197.326	ug/l	99
14) Allyl chloride	4.709	41	196006	50.398	ug/l	96
15) Acrylonitrile	5.411	53	211168	271.049	ug/l	99
16) Acetone	4.167	43	158259	209.730	ug/l	100
17) Carbon Disulfide	4.429	76	292564	43.132	ug/l	97
18) Methyl Acetate	4.716	43	125948	58.402	ug/l	99
19) Methyl tert-butyl Ether	5.471	73	246910	57.390	ug/l	99
20) Methylene Chloride	4.965	84	159316	53.351	ug/l	97
21) trans-1,2-Dichloroethene	5.465	96	135951	50.476	ug/l	92
22) Diisopropyl ether	6.343	45	446479	58.863	ug/l	98
23) Vinyl Acetate	6.288	43	1483523	286.345	ug/l	98
24) 1,1-Dichloroethane	6.252	63	264279	53.742	ug/l	99
25) 2-Butanone	7.197	43	278466	283.659	ug/l	97
26) 2,2-Dichloropropane	7.191	77	129101	44.996	ug/l	98
27) cis-1,2-Dichloroethene	7.197	96	170957	55.218	ug/l	99
28) Bromochloromethane	7.532	49	120663	55.603	ug/l	97
29) Tetrahydrofuran	7.556	42	193597	287.967	ug/l	99
30) Chloroform	7.697	83	287058	54.936	ug/l	96
31) Cyclohexane	7.971	56	203663	46.852	ug/l	95
32) 1,1,1-Trichloroethane	7.892	97	199562	49.558	ug/l	99
36) 1,1-Dichloropropene	8.099	75	188890	47.084	ug/l	100
37) Ethyl Acetate	7.276	43	131578	51.993	ug/l	97
38) Carbon Tetrachloride	8.081	117	176848	43.259	ug/l	97
39) Methylcyclohexane	9.343	83	236145	47.311	ug/l	99
40) Benzene	8.337	78	590167	49.723	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.502	41	72747	53.661	ug/l	98
42) 1,2-Dichloroethane	8.416	62	200375	49.963	ug/l	99
43) Isopropyl Acetate	8.440	43	231733	53.121	ug/l	99
44) Trichloroethene	9.105	130	138308	46.687	ug/l	98
45) 1,2-Dichloropropane	9.379	63	145411	50.690	ug/l	96
46) Dibromomethane	9.465	93	93543	50.509	ug/l	96
47) Bromodichloromethane	9.654	83	219148	50.461	ug/l	96
48) Methyl methacrylate	9.446	41	114937	53.583	ug/l	97
49) 1,4-Dioxane	9.465	88	22880	1054.828	ug/l #	97
51) 4-Methyl-2-Pentanone	10.215	43	666519	265.760	ug/l	99
52) Toluene	10.391	92	370626	48.770	ug/l	100
53) t-1,3-Dichloropropene	10.611	75	212988	52.270	ug/l	98
54) cis-1,3-Dichloropropene	10.080	75	238250	51.577	ug/l	97
55) 1,1,2-Trichloroethane	10.788	97	124970	51.513	ug/l	95
56) Ethyl methacrylate	10.647	69	190816	57.977	ug/l	98
57) 1,3-Dichloropropane	10.934	76	224026	52.597	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.928	63	488946	269.792	ug/l	97
59) 2-Hexanone	10.970	43	465349	273.814	ug/l	99
60) Dibromochloromethane	11.129	129	144104	49.673	ug/l	97
61) 1,2-Dibromoethane	11.239	107	124688	51.342	ug/l	100
64) Tetrachloroethene	10.867	164	109175	44.174	ug/l #	85
65) Chlorobenzene	11.659	112	418496	50.202	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.726	131	131225	49.398	ug/l	98
67) Ethyl Benzene	11.733	91	732870	50.699	ug/l	98
68) m/p-Xylenes	11.842	106	550032	98.983	ug/l	100
69) o-Xylene	12.165	106	261949	50.913	ug/l	97
70) Styrene	12.178	104	465431	52.327	ug/l	100
71) Bromoform	12.348	173	77558	48.940	ug/l #	99
73) Isopropylbenzene	12.464	105	673099	48.446	ug/l	100
74) N-amyl acetate	12.269	43	213154	56.920	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	157252	50.981	ug/l	99
76) 1,2,3-Trichloropropane	12.763	75	200763	85.055	ug/l	41
77) Bromobenzene	12.745	156	151496	48.889	ug/l	94
78) n-propylbenzene	12.799	91	813177	48.877	ug/l	99
79) 2-Chlorotoluene	12.891	91	506996	50.606	ug/l	98
80) 1,3,5-Trimethylbenzene	12.940	105	591840	51.462	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.513	75	49593	48.937	ug/l	97
82) 4-Chlorotoluene	12.988	91	529953	50.384	ug/l	99
83) tert-Butylbenzene	13.202	119	478225	48.545	ug/l	100
84) 1,2,4-Trimethylbenzene	13.251	105	570575	48.966	ug/l	100
85) sec-Butylbenzene	13.379	105	735351	49.732	ug/l	98
86) p-Isopropyltoluene	13.494	119	607316	49.837	ug/l	98
87) 1,3-Dichlorobenzene	13.494	146	302447	48.669	ug/l	99
88) 1,4-Dichlorobenzene	13.580	146	289785	45.559	ug/l	93
89) n-Butylbenzene	13.818	91	581390	49.104	ug/l	99
90) Hexachloroethane	14.086	117	103878	47.250	ug/l	96
91) 1,2-Dichlorobenzene	13.866	146	275295	48.468	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.482	75	28754	47.742	ug/l	95
93) 1,2,4-Trichlorobenzene	15.128	180	174369	49.778	ug/l	94
94) Hexachlorobutadiene	15.232	225	74794	44.218	ug/l	90
95) Naphthalene	15.360	128	460711	53.647	ug/l	99
96) 1,2,3-Trichlorobenzene	15.549	180	159265	49.482	ug/l	99

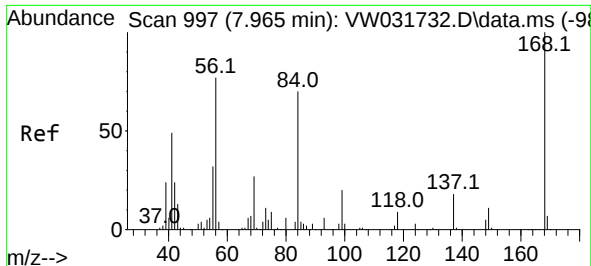
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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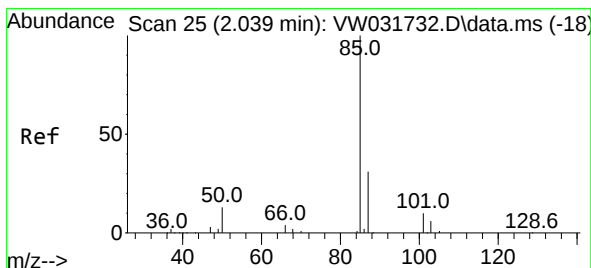
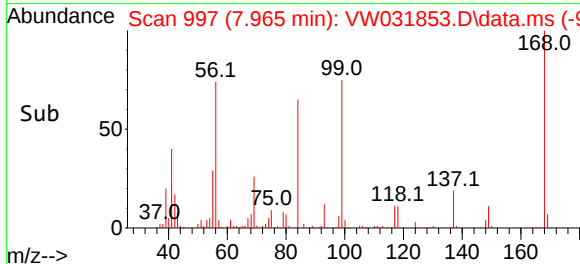
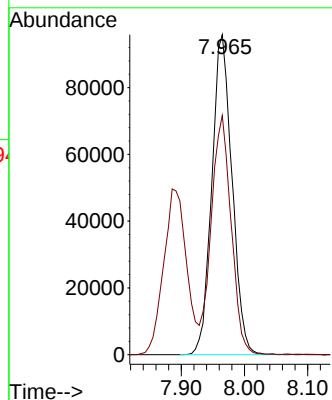
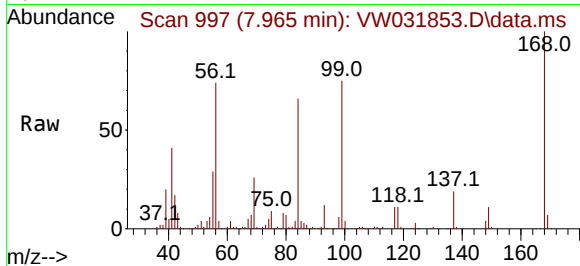
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. -0.000 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

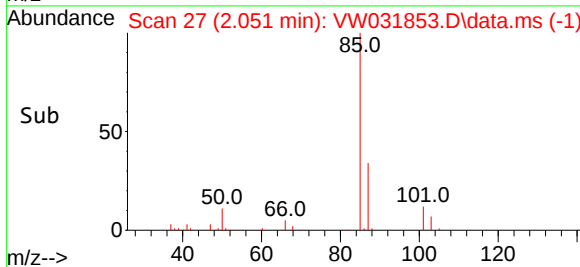
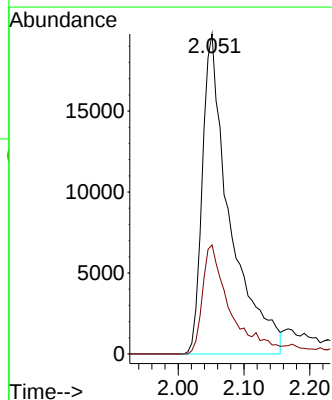
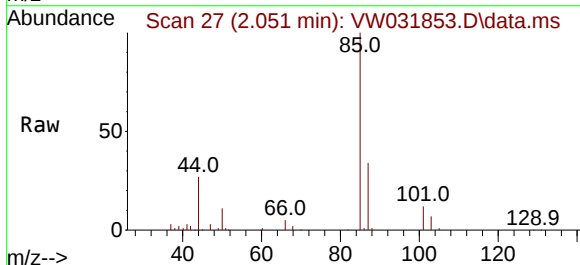
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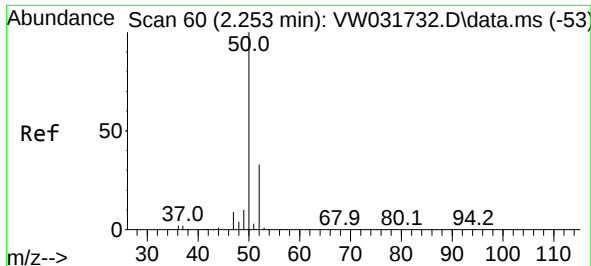
Tgt Ion:168 Resp: 212729
Ion Ratio Lower Upper
168 100
99 74.6 49.4 74.2#



#2
Dichlorodifluoromethane
Concen: 39.574 ug/l
RT: 2.051 min Scan# 27
Delta R.T. 0.012 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

Tgt Ion: 85 Resp: 57333
Ion Ratio Lower Upper
85 100
87 34.1 15.4 46.2

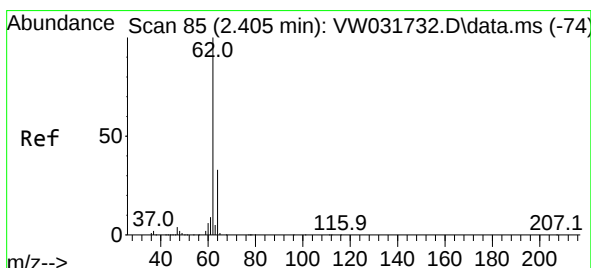
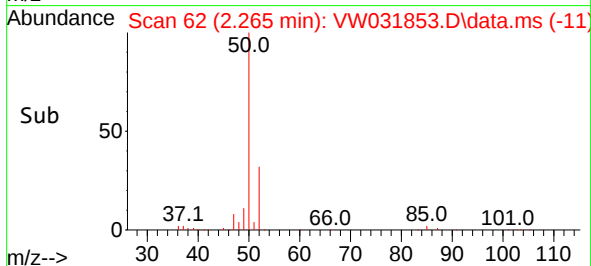
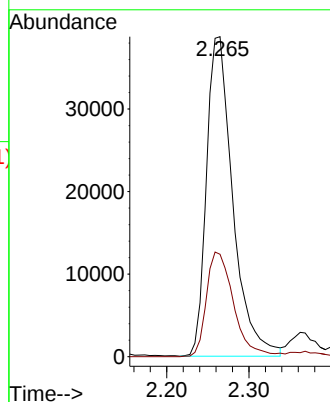
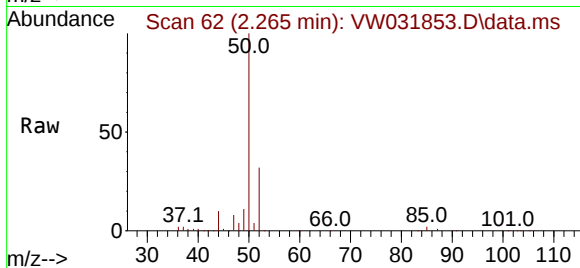




#3
Chloromethane
Concen: 49.325 ug/l
RT: 2.265 min Scan# 61
Delta R.T. 0.012 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

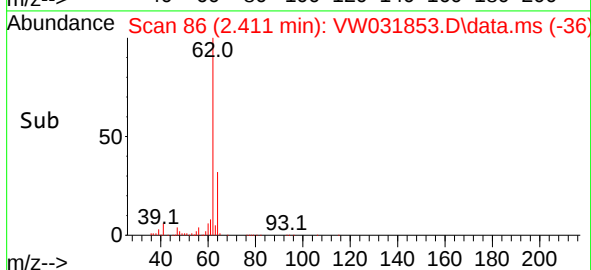
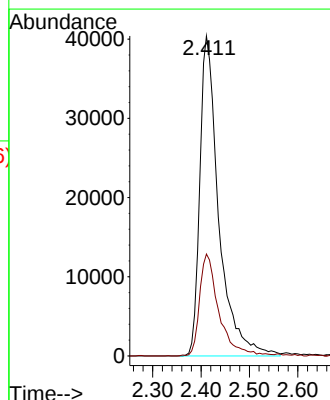
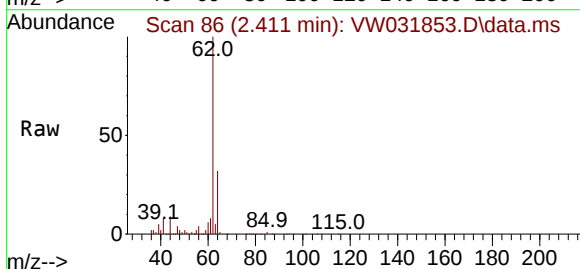
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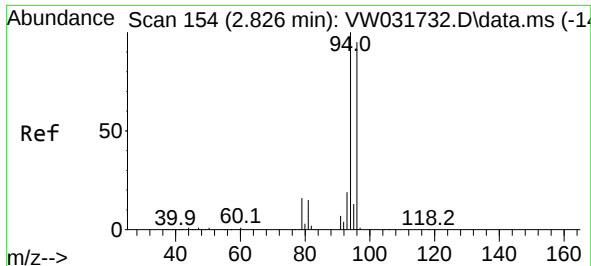
Tgt Ion: 50 Resp: 86152
Ion Ratio Lower Upper
50 100
52 32.0 26.2 39.2



#4
Vinyl Chloride
Concen: 47.858 ug/l
RT: 2.411 min Scan# 86
Delta R.T. 0.006 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

Tgt Ion: 62 Resp: 109868
Ion Ratio Lower Upper
62 100
64 31.7 26.8 40.2

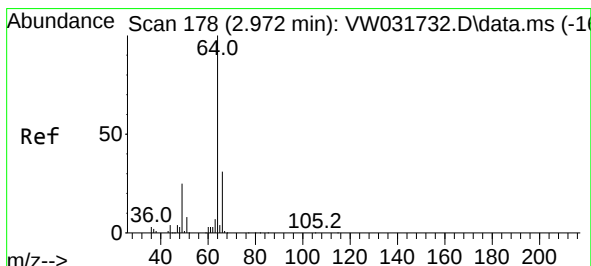
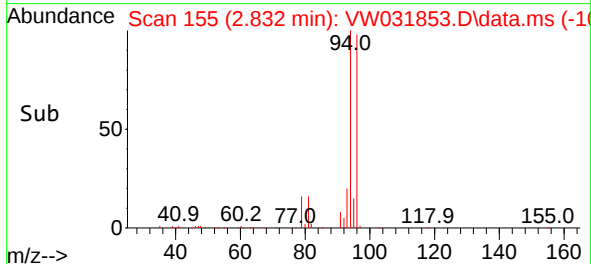
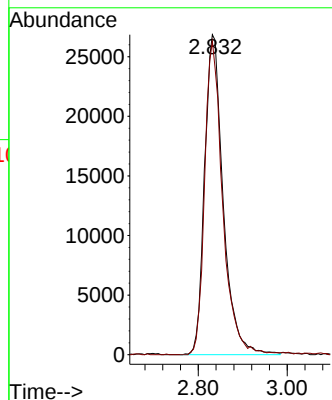
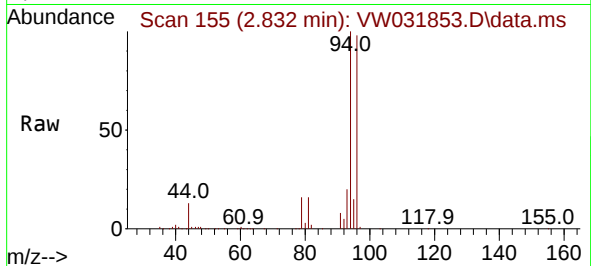




#5
Bromomethane
Concen: 43.707 ug/l
RT: 2.832 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

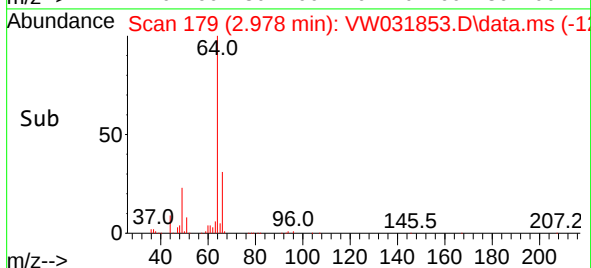
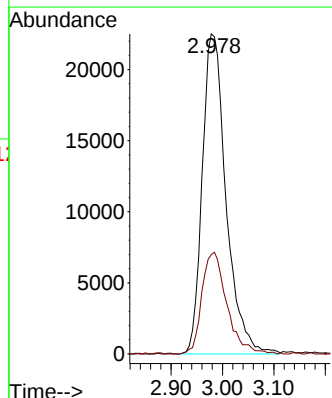
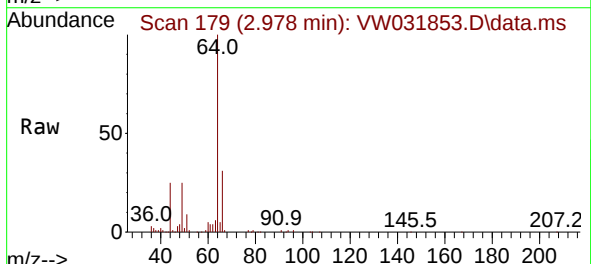
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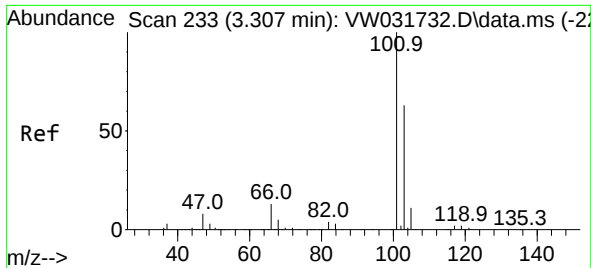
Tgt Ion: 94 Resp: 78374
Ion Ratio Lower Upper
94 100
96 97.9 75.6 113.4



#6
Chloroethane
Concen: 46.447 ug/l
RT: 2.978 min Scan# 179
Delta R.T. 0.006 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

Tgt Ion: 64 Resp: 72431
Ion Ratio Lower Upper
64 100
66 31.0 24.5 36.7

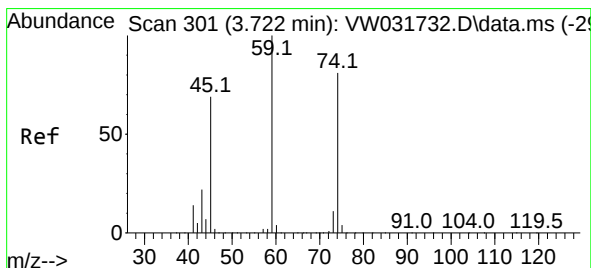
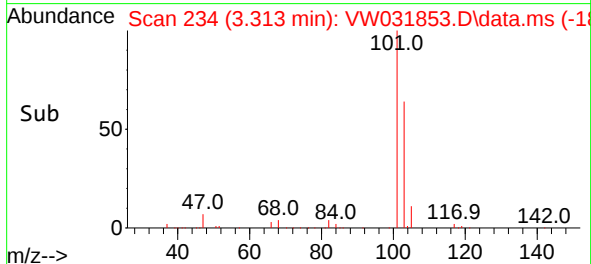
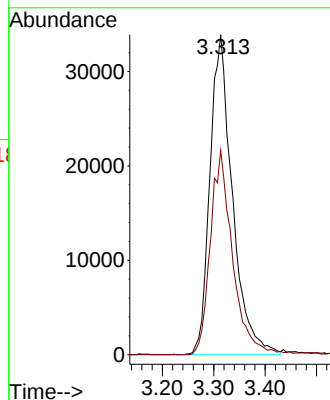
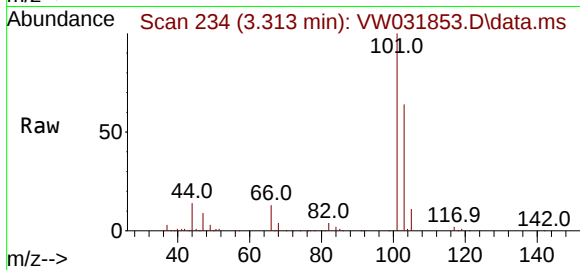




#7
 Trichlorofluoromethane
 Concen: 49.373 ug/l
 RT: 3.313 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW031853.D
 Acq: 14 Jul 2025 16:37

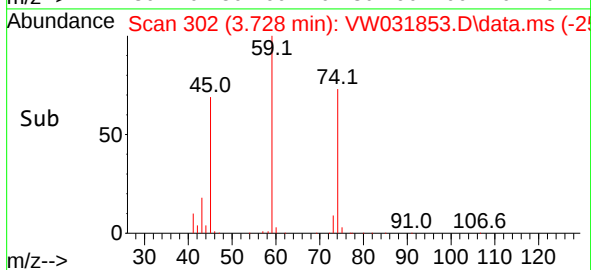
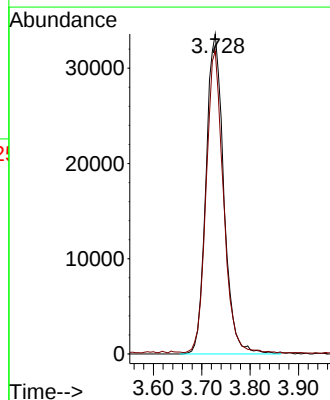
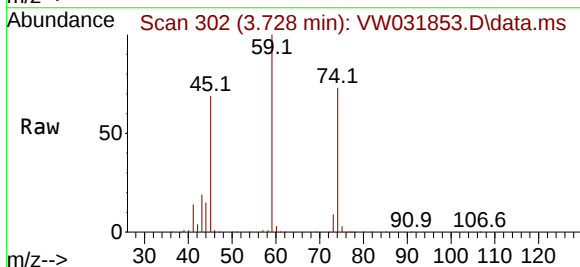
Instrument :
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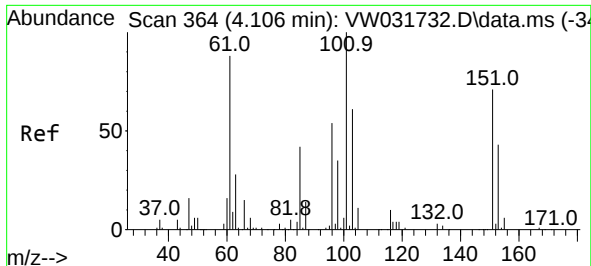
Tgt Ion:101 Resp: 102939
 Ion Ratio Lower Upper
 101 100
 103 63.9 50.2 75.4



#8
 Diethyl Ether
 Concen: 54.068 ug/l
 RT: 3.728 min Scan# 302
 Delta R.T. 0.006 min
 Lab File: VW031853.D
 Acq: 14 Jul 2025 16:37

Tgt Ion: 74 Resp: 85658
 Ion Ratio Lower Upper
 74 100
 45 91.8 43.9 131.7

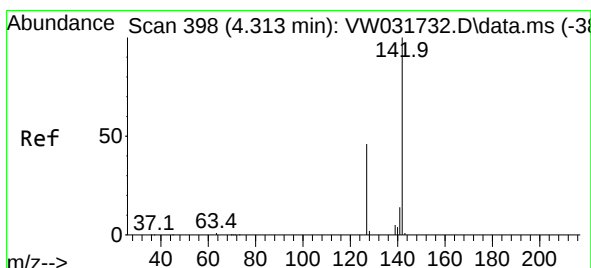
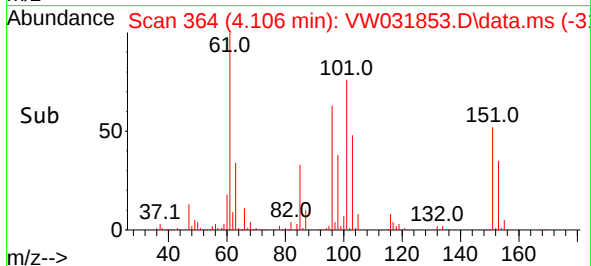
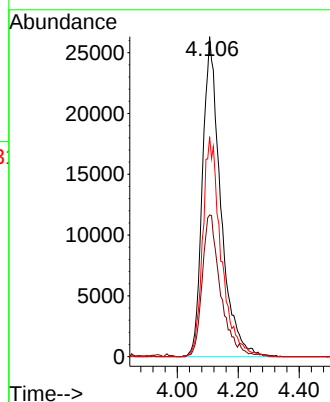
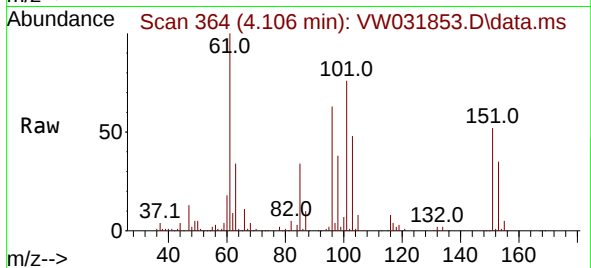




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.023 ug/l
RT: 4.106 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW031853.D
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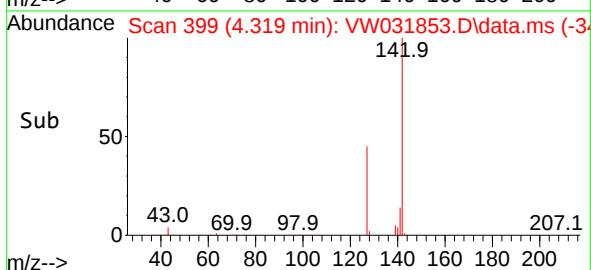
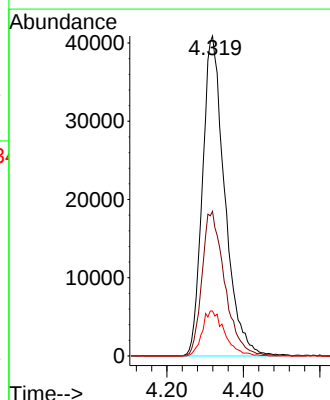
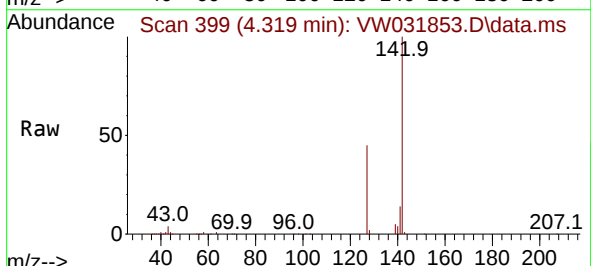
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

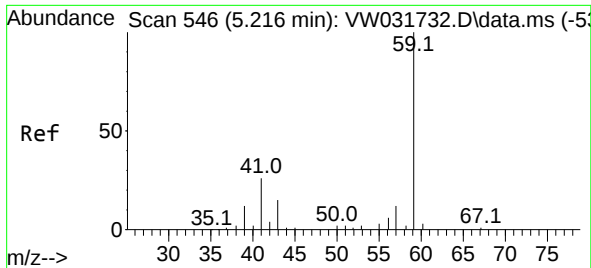
Tgt Ion:101 Resp: 108819
Ion Ratio Lower Upper
101 100
85 44.7 35.6 53.4
151 69.3 56.8 85.2



#10
Methyl Iodide
Concen: 46.294 ug/l
RT: 4.319 min Scan# 399
Delta R.T. 0.006 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

Tgt Ion:142 Resp: 165157
Ion Ratio Lower Upper
142 100
127 46.2 37.9 56.9
141 14.3 11.7 17.5

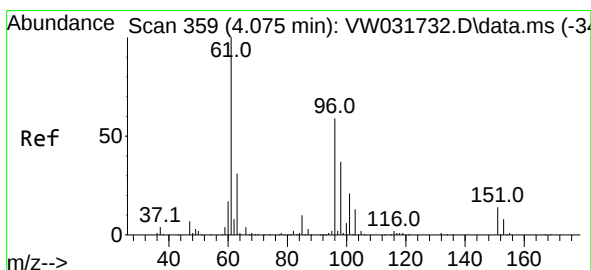
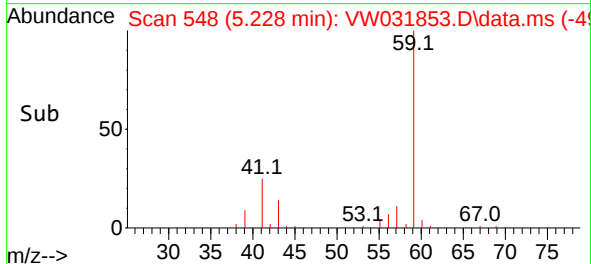
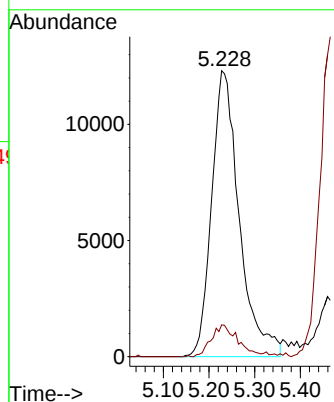
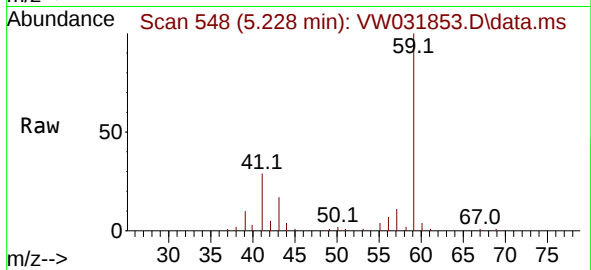




#11
Tert butyl alcohol
Concen: 273.480 ug/l
RT: 5.228 min Scan# 546
Delta R.T. 0.012 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

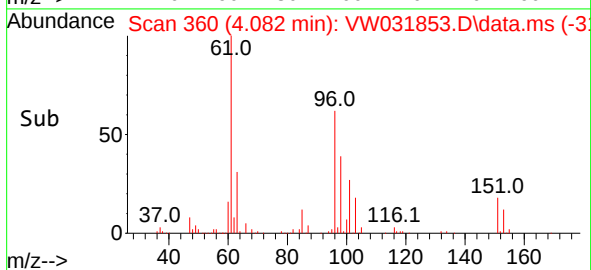
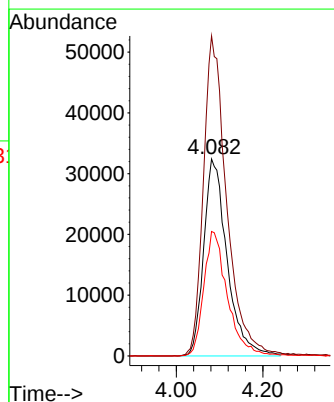
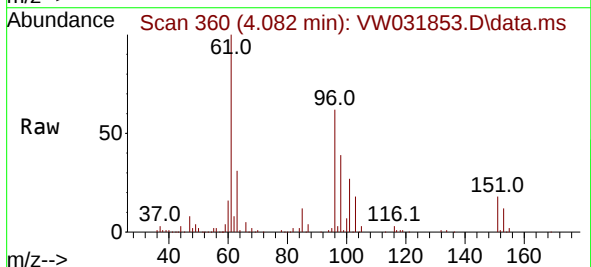
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

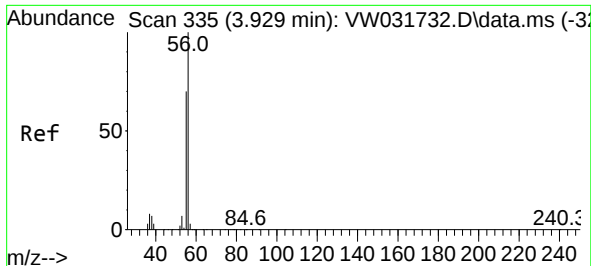
Tgt Ion: 59 Resp: 51725
Ion Ratio Lower Upper
59 100
57 10.6 9.5 14.3



#12
1,1-Dichloroethene
Concen: 48.072 ug/l
RT: 4.082 min Scan# 360
Delta R.T. 0.006 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

Tgt Ion: 96 Resp: 121853
Ion Ratio Lower Upper
96 100
61 162.2 135.8 203.8
98 63.2 50.4 75.6

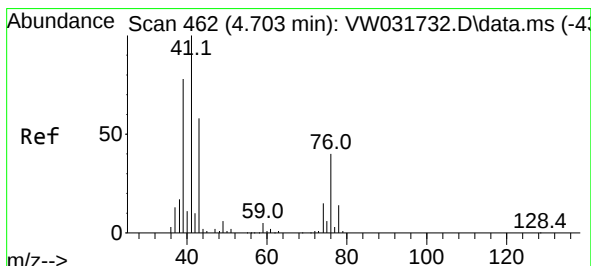
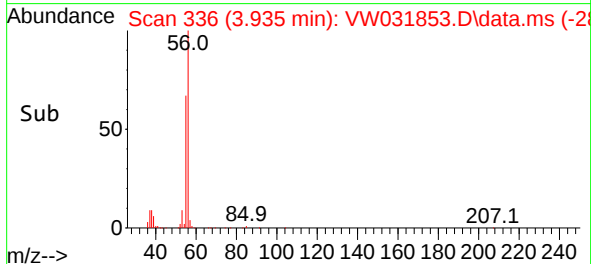
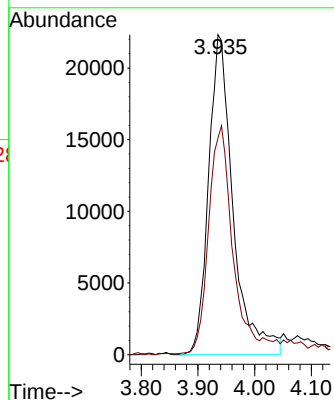
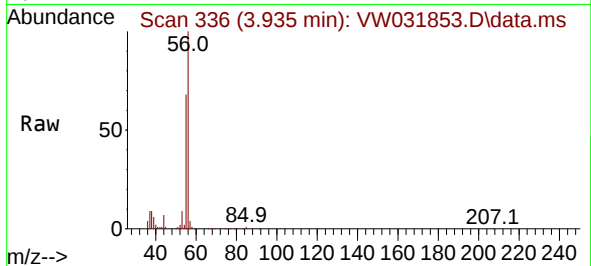




#13
Acrolein
Concen: 197.326 ug/l
RT: 3.935 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

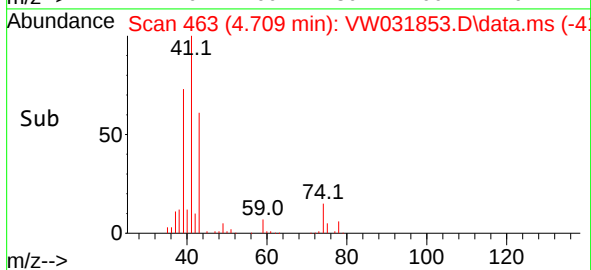
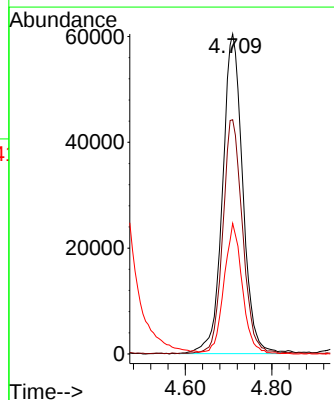
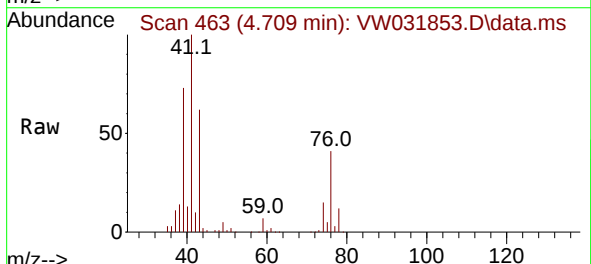
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 67079
Ion Ratio Lower Upper
56 100
55 68.2 54.0 81.0



#14
Allyl chloride
Concen: 50.398 ug/l
RT: 4.709 min Scan# 463
Delta R.T. 0.006 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

Tgt Ion: 41 Resp: 196006
Ion Ratio Lower Upper
41 100
39 71.4 60.7 91.1
76 37.3 30.3 45.5

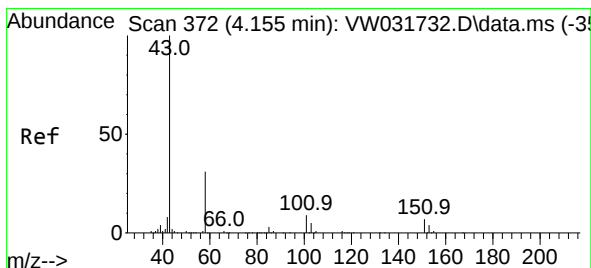
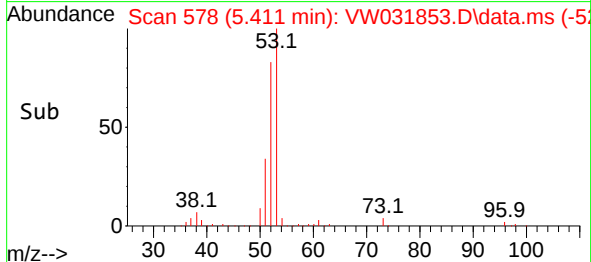
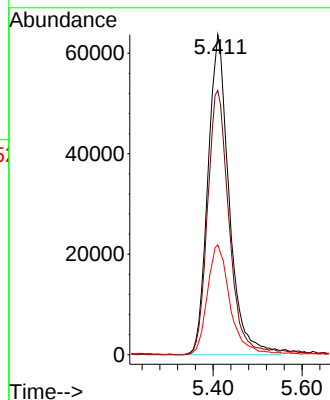
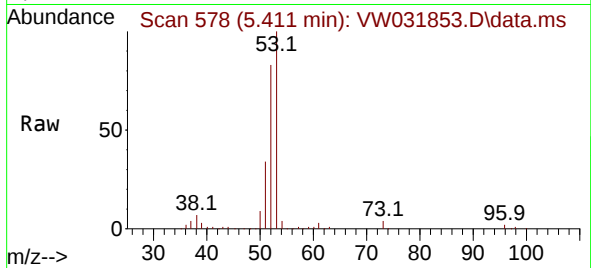




#15
Acrylonitrile
Concen: 271.049 ug/l
RT: 5.411 min Scan# 51
Delta R.T. 0.012 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

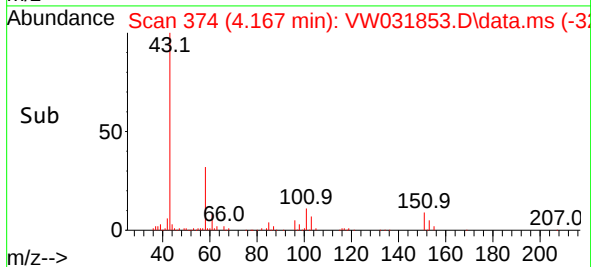
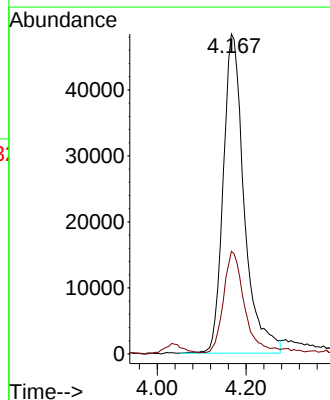
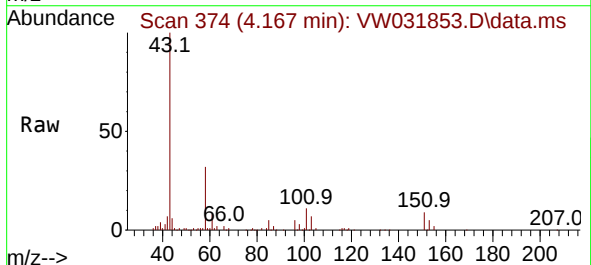
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

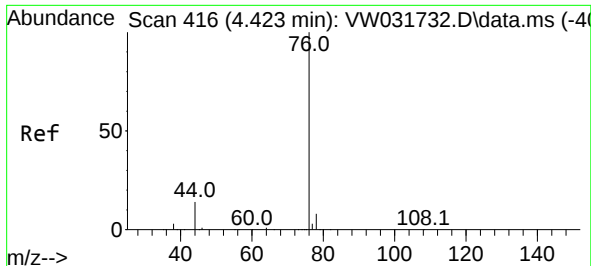
Tgt Ion: 53 Resp: 211168
Ion Ratio Lower Upper
53 100
52 83.2 66.4 99.6
51 36.6 29.9 44.9



#16
Acetone
Concen: 209.730 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.012 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

Tgt Ion: 43 Resp: 158259
Ion Ratio Lower Upper
43 100
58 30.8 24.8 37.2

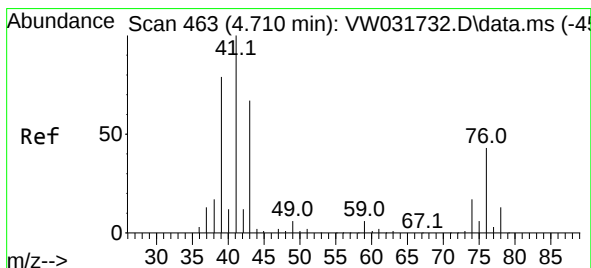
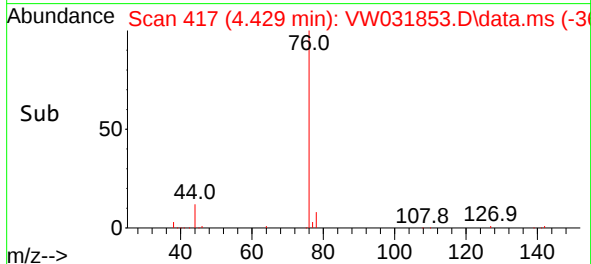
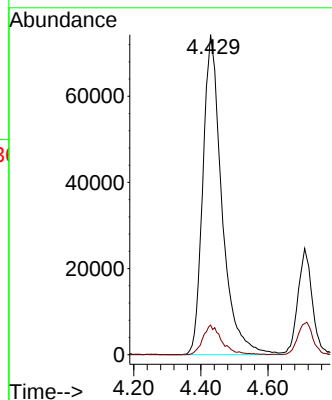
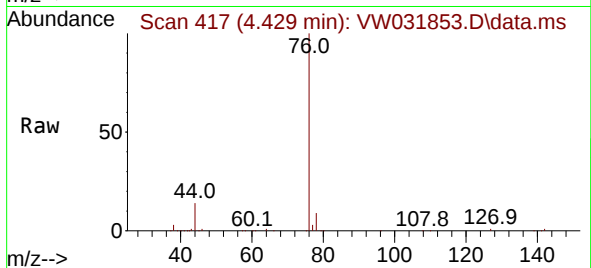




#17
Carbon Disulfide
Concen: 43.132 ug/l
RT: 4.429 min Scan# 416
Delta R.T. 0.006 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

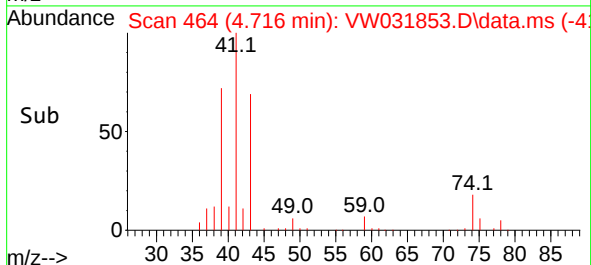
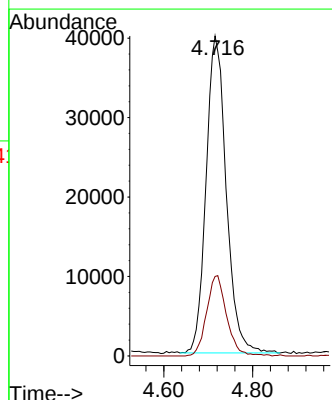
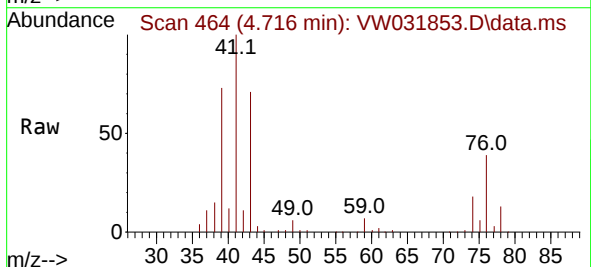
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 292564
Ion Ratio Lower Upper
76 100
78 9.3 6.6 10.0



#18
Methyl Acetate
Concen: 58.402 ug/l
RT: 4.716 min Scan# 464
Delta R.T. 0.006 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

Tgt Ion: 43 Resp: 125948
Ion Ratio Lower Upper
43 100
74 25.1 20.6 30.8

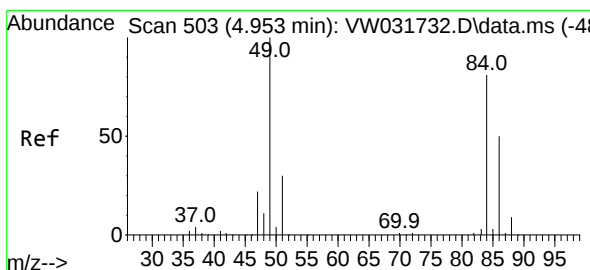
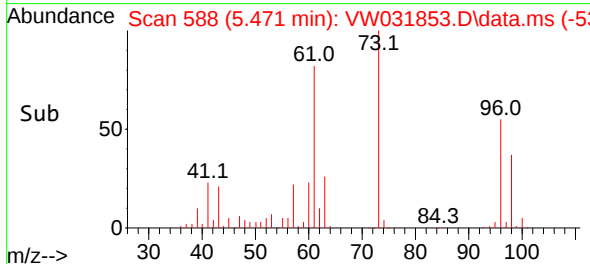
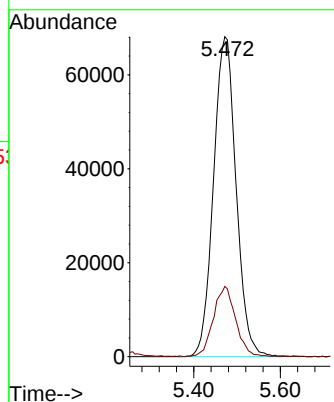
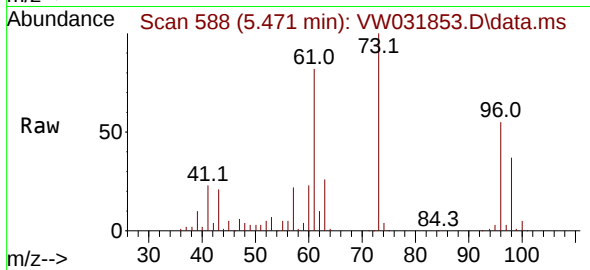




#19
Methyl tert-butyl Ether
Concen: 57.390 ug/l
RT: 5.471 min Scan# 505
Delta R.T. 0.012 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

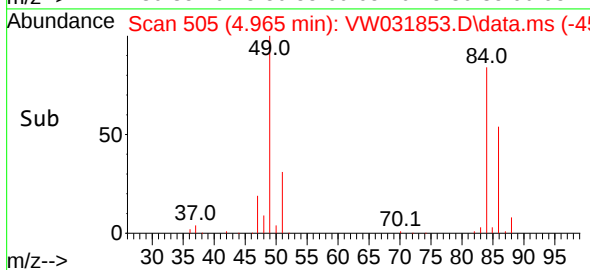
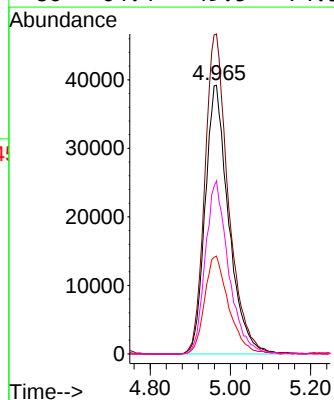
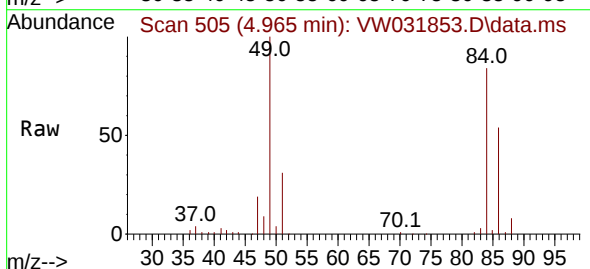
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

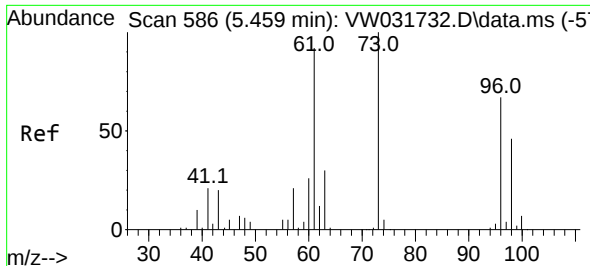
Tgt Ion: 73 Resp: 246910
Ion Ratio Lower Upper
73 100
57 21.9 17.2 25.8



#20
Methylene Chloride
Concen: 53.351 ug/l
RT: 4.965 min Scan# 505
Delta R.T. 0.012 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

Tgt Ion: 84 Resp: 159316
Ion Ratio Lower Upper
84 100
49 119.1 98.2 147.4
51 36.5 29.8 44.8
86 64.4 49.5 74.3

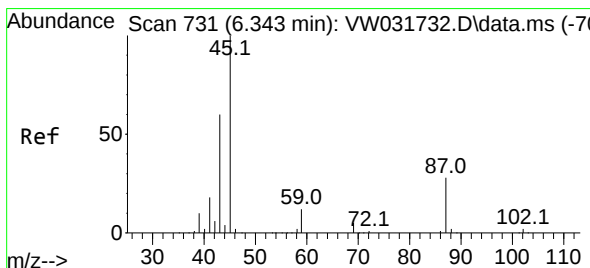
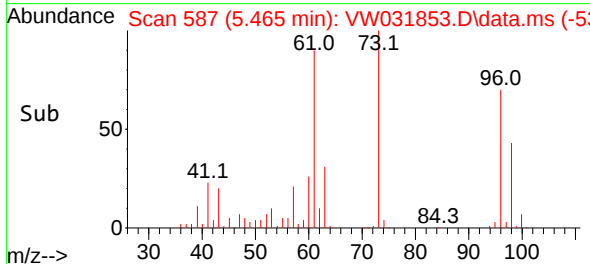
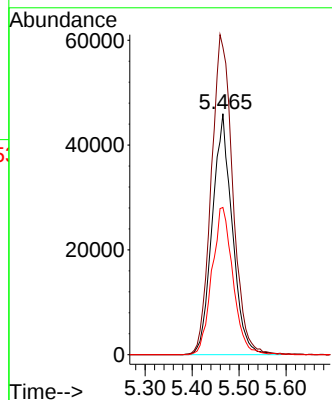
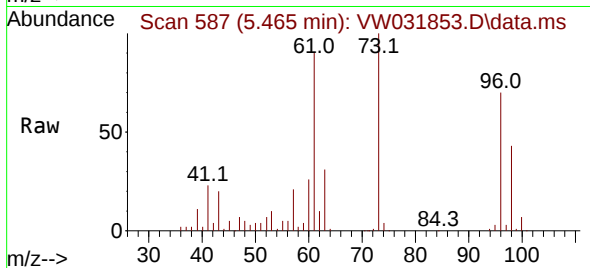




#21
trans-1,2-Dichloroethene
Concen: 50.476 ug/l
RT: 5.465 min Scan# 586
Delta R.T. 0.006 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

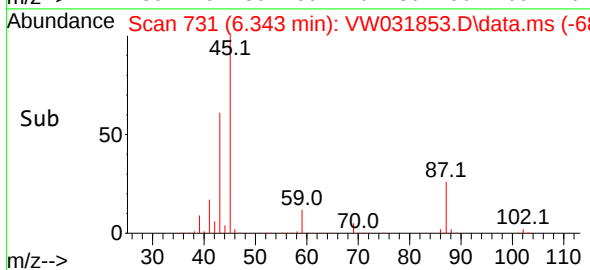
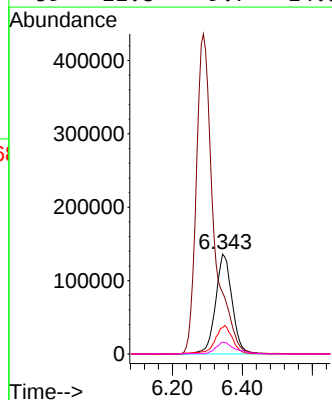
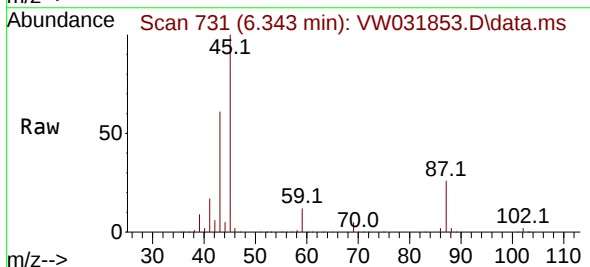
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 135951
Ion Ratio Lower Upper
96 100
61 127.6 109.8 164.6
98 61.1 54.9 82.3



#22
Diisopropyl ether
Concen: 58.863 ug/l
RT: 6.343 min Scan# 731
Delta R.T. -0.000 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

Tgt Ion: 45 Resp: 446479
Ion Ratio Lower Upper
45 100
43 61.2 48.3 72.5
87 26.2 22.6 34.0
59 11.8 9.7 14.5

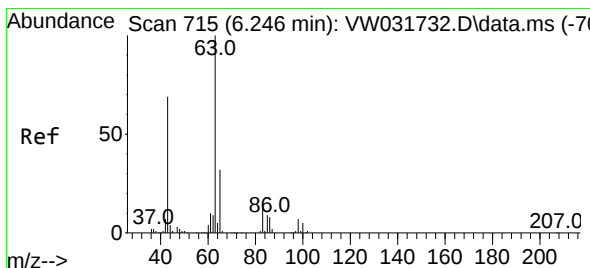
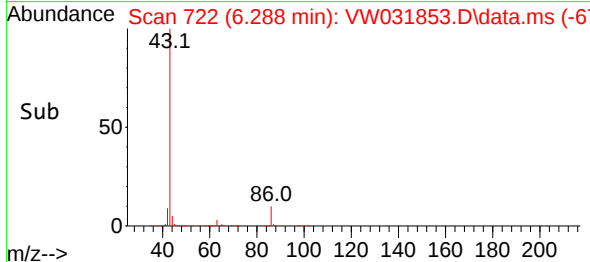
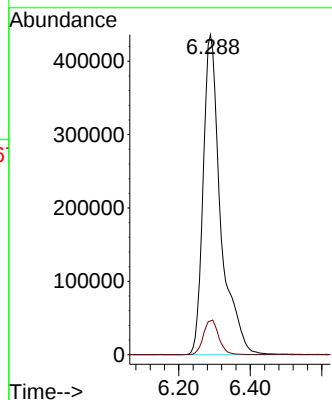
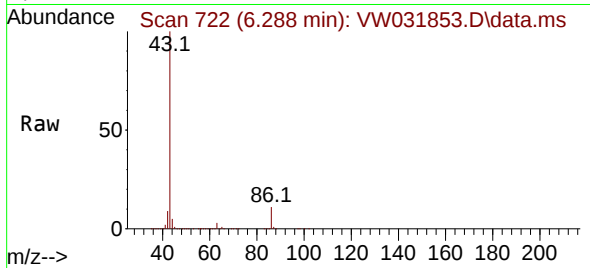




#23
 Vinyl Acetate
 Concen: 286.345 ug/l
 RT: 6.288 min Scan# 716
 Delta R.T. 0.006 min
 Lab File: VW031853.D
 Acq: 14 Jul 2025 16:37

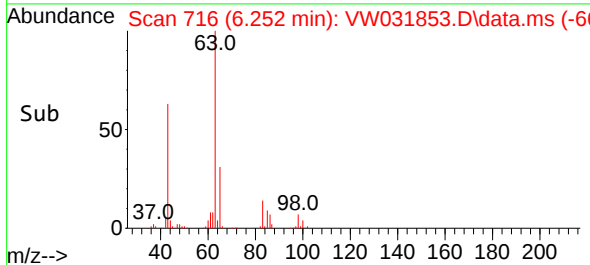
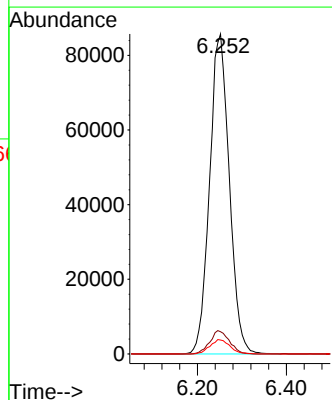
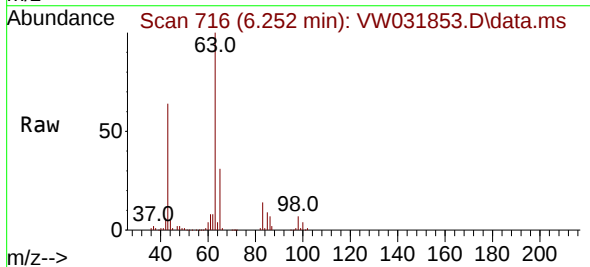
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1483523
 Ion Ratio Lower Upper
 43 100
 86 10.6 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 53.742 ug/l
 RT: 6.252 min Scan# 716
 Delta R.T. 0.006 min
 Lab File: VW031853.D
 Acq: 14 Jul 2025 16:37

Tgt Ion: 63 Resp: 264279
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.6
 100 4.4 2.5 7.5





#25

2-Butanone

Concen: 283.659 ug/l

RT: 7.197 min Scan# 81

Delta R.T. 0.006 min

Lab File: VW031853.D

Acq: 14 Jul 2025 16:37

Instrument :

MSVOA_W

ClientSampleId :

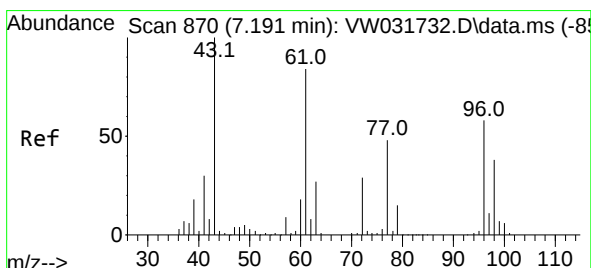
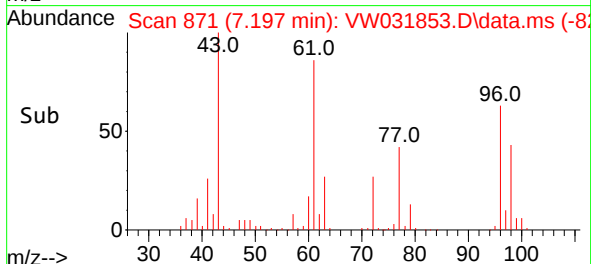
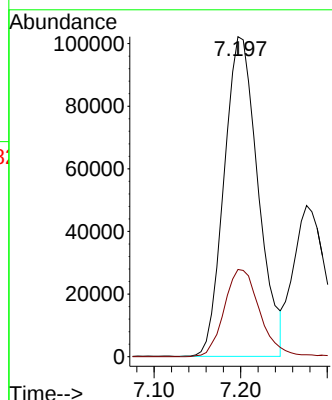
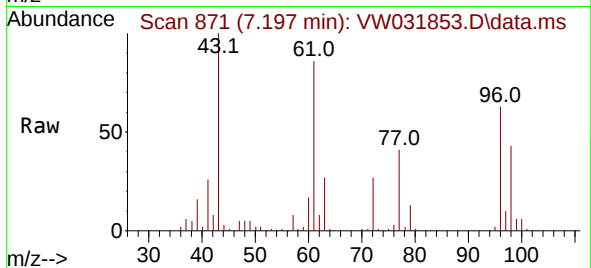
VSTDCCC050EC

Tgt Ion: 43 Resp: 278466

Ion Ratio Lower Upper

43 100

72 27.3 23.0 34.6



#26

2,2-Dichloropropane

Concen: 44.996 ug/l

RT: 7.191 min Scan# 870

Delta R.T. -0.000 min

Lab File: VW031853.D

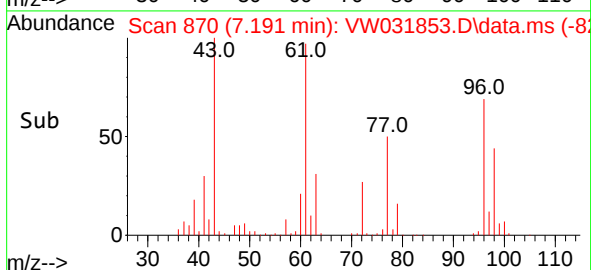
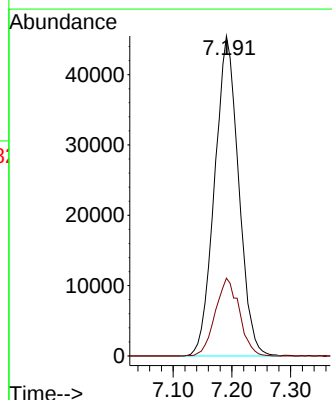
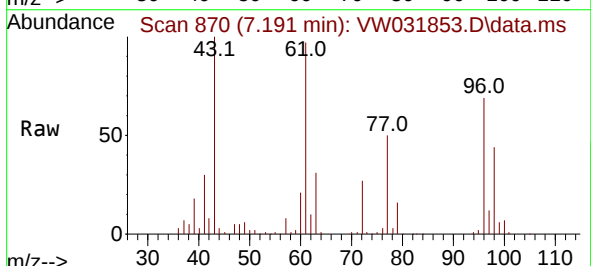
Acq: 14 Jul 2025 16:37

Tgt Ion: 77 Resp: 129101

Ion Ratio Lower Upper

77 100

97 24.3 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 55.218 ug/l

RT: 7.197 min Scan# 871

Delta R.T. 0.006 min

Lab File: VW031853.D

Acq: 14 Jul 2025 16:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

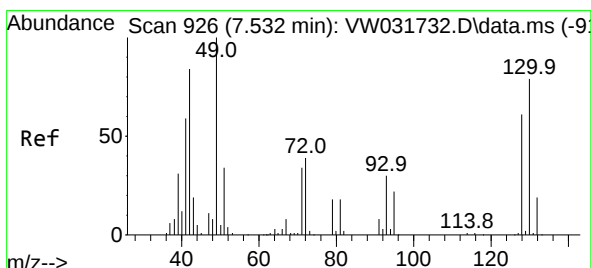
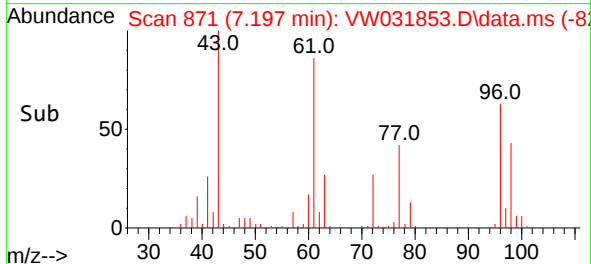
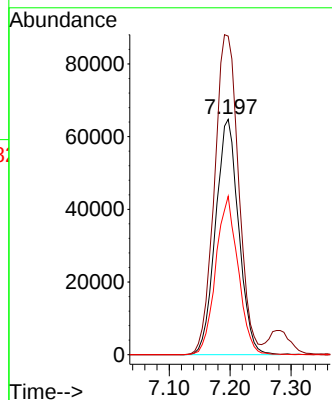
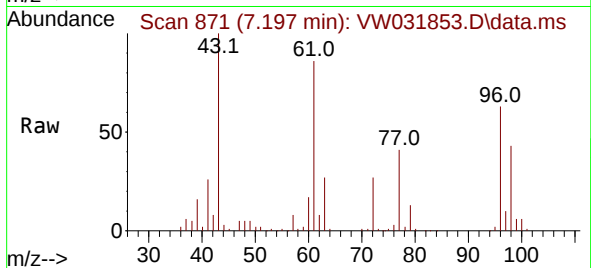
Tgt Ion: 96 Resp: 170957

Ion Ratio Lower Upper

96 100

61 142.0 0.0 286.8

98 65.1 0.0 130.4



#28

Bromochloromethane

Concen: 55.603 ug/l

RT: 7.532 min Scan# 926

Delta R.T. -0.000 min

Lab File: VW031853.D

Acq: 14 Jul 2025 16:37

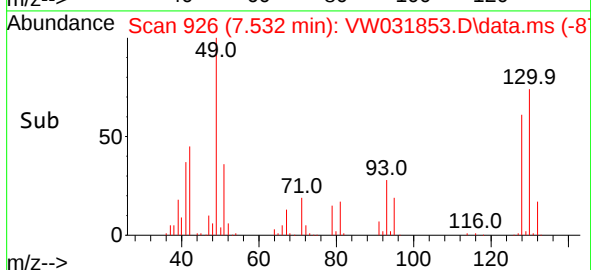
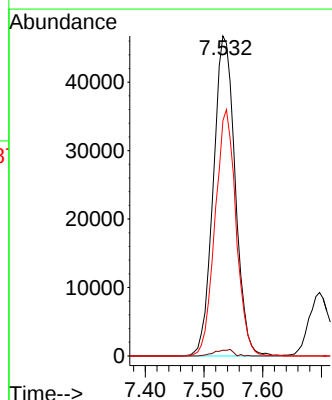
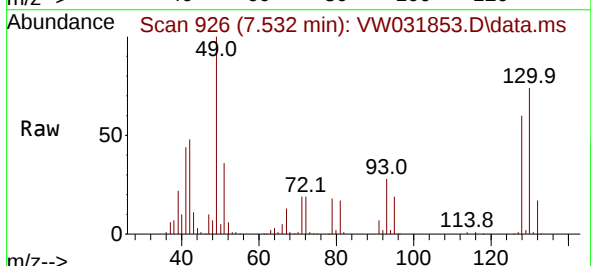
Tgt Ion: 49 Resp: 120663

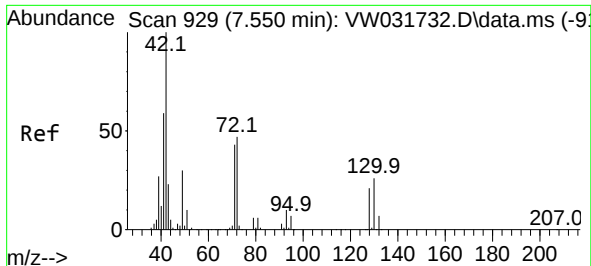
Ion Ratio Lower Upper

49 100

129 1.7 0.0 2.4

130 73.9 61.3 91.9





#29

Tetrahydrofuran

Concen: 287.967 ug/l

RT: 7.556 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW031853.D

Acq: 14 Jul 2025 16:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

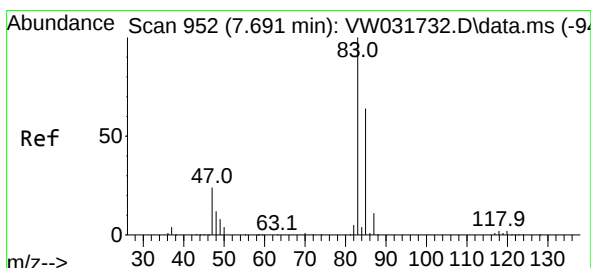
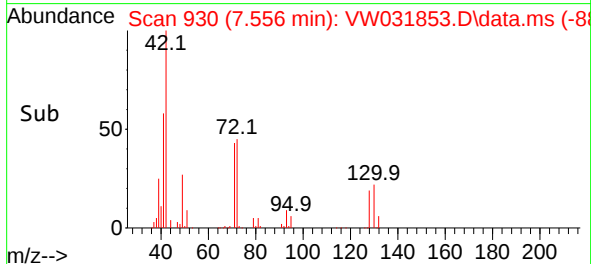
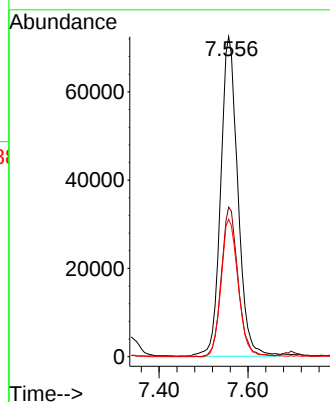
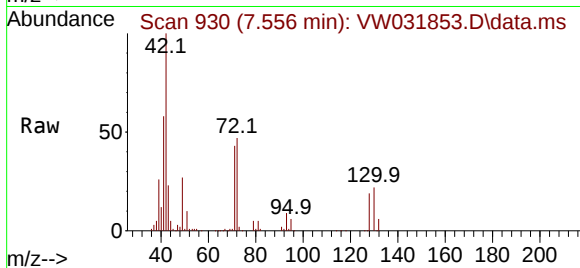
Tgt Ion: 42 Resp: 193597

Ion Ratio Lower Upper

42 100

72 45.7 36.8 55.2

71 42.9 34.6 52.0



#30

Chloroform

Concen: 54.936 ug/l

RT: 7.697 min Scan# 953

Delta R.T. 0.006 min

Lab File: VW031853.D

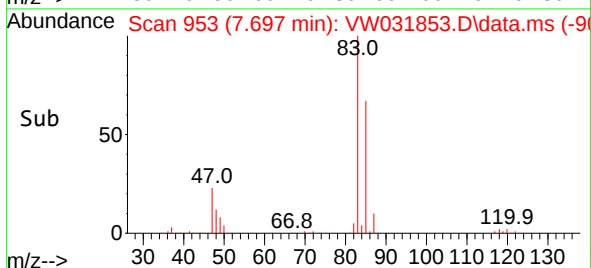
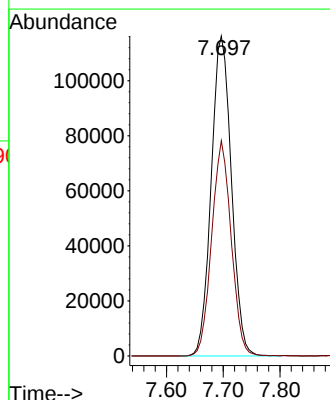
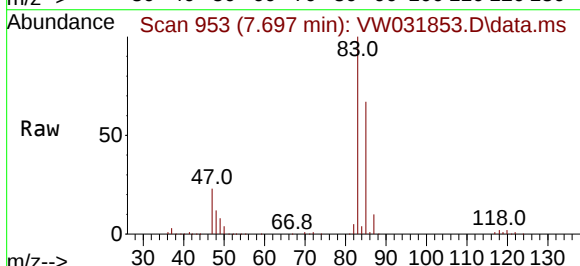
Acq: 14 Jul 2025 16:37

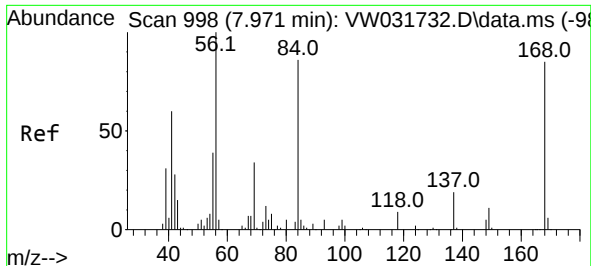
Tgt Ion: 83 Resp: 287058

Ion Ratio Lower Upper

83 100

85 67.2 51.4 77.0

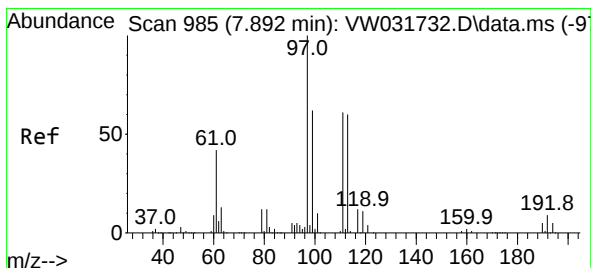
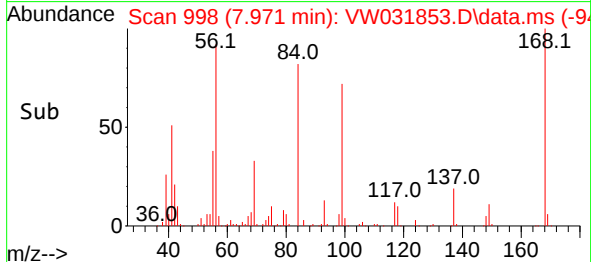
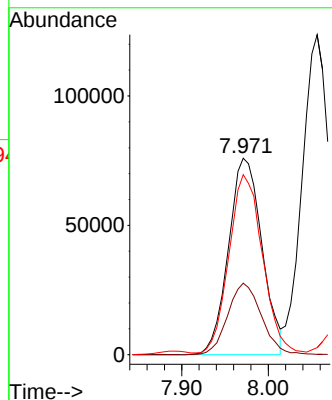
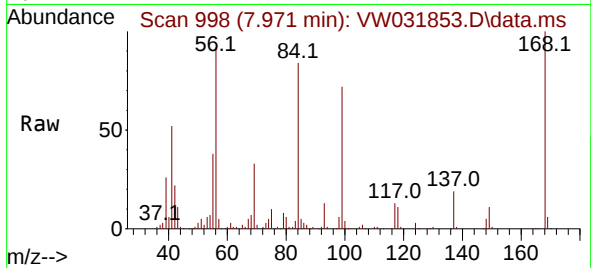




#31
Cyclohexane
Concen: 46.852 ug/l
RT: 7.971 min Scan# 998
Delta R.T. -0.000 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

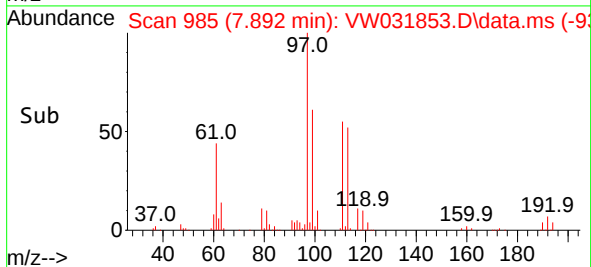
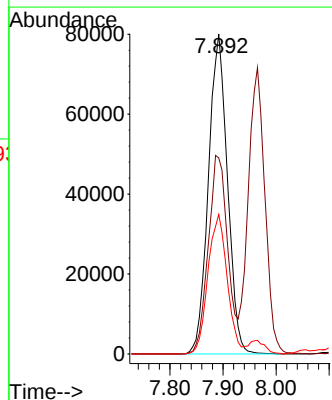
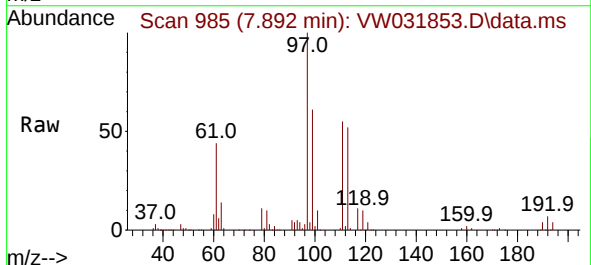
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

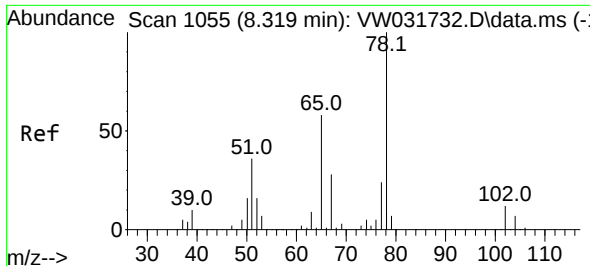
Tgt Ion: 56 Resp: 203663
Ion Ratio Lower Upper
56 100
69 36.4 27.2 40.8
84 89.9 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 49.558 ug/l
RT: 7.892 min Scan# 985
Delta R.T. -0.000 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

Tgt Ion: 97 Resp: 199562
Ion Ratio Lower Upper
97 100
99 63.5 51.0 76.6
61 44.3 36.0 54.0

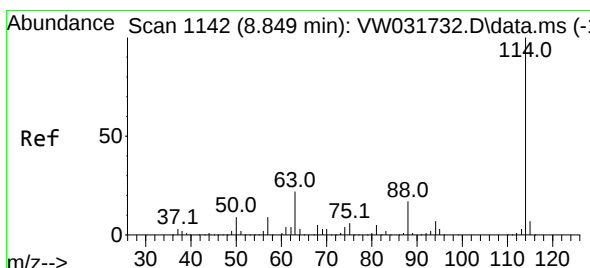
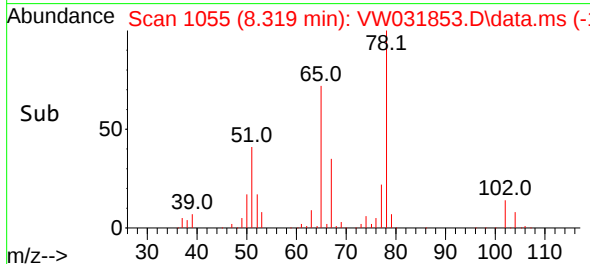
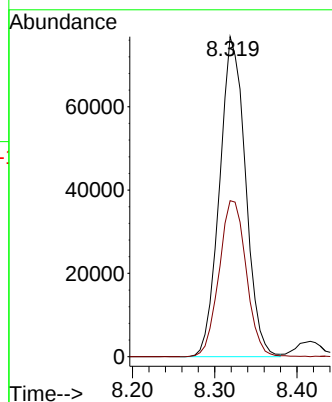
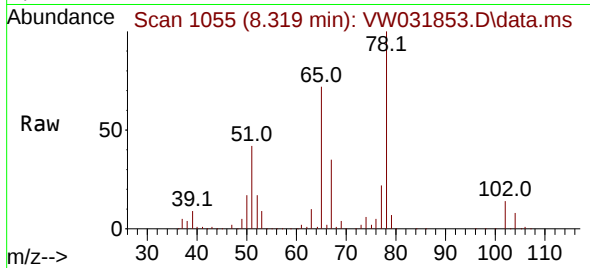




#33
 1,2-Dichloroethane-d4
 Concen: 55.150 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW031853.D
 Acq: 14 Jul 2025 16:37

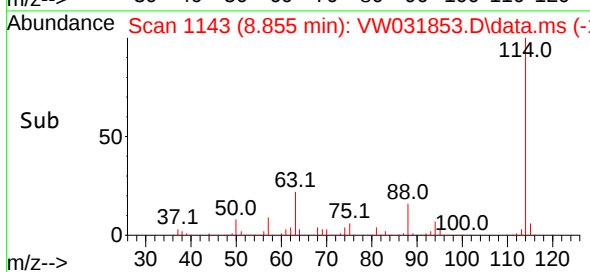
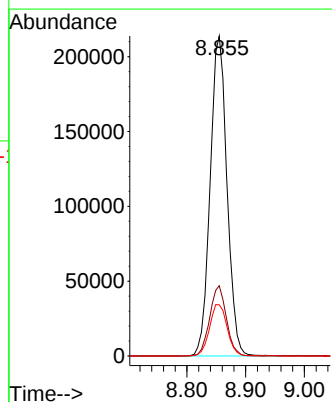
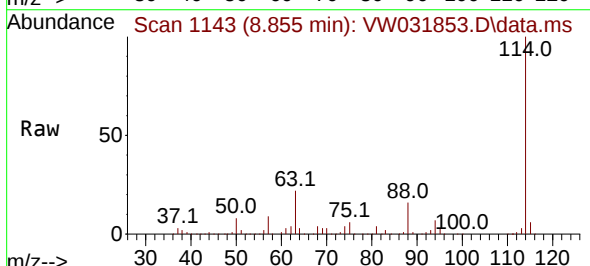
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

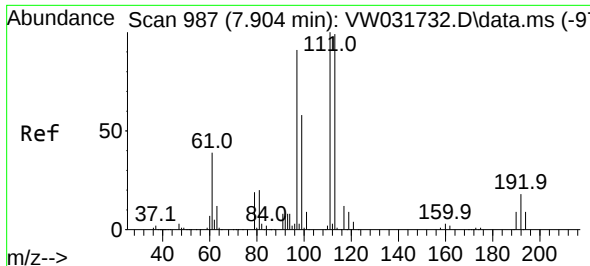
Tgt Ion: 65 Resp: 168367
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.855 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VW031853.D
 Acq: 14 Jul 2025 16:37

Tgt Ion: 114 Resp: 424856
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.6
 88 16.0 0.0 34.2

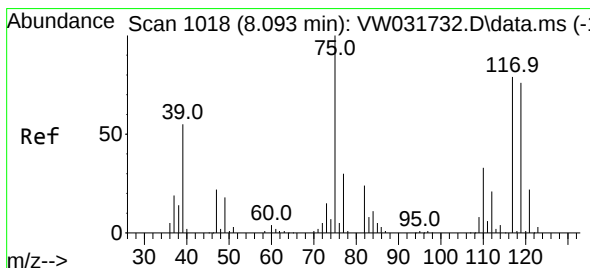
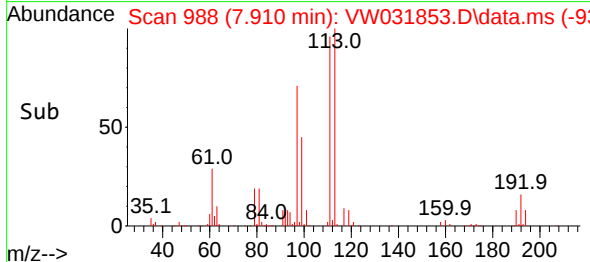
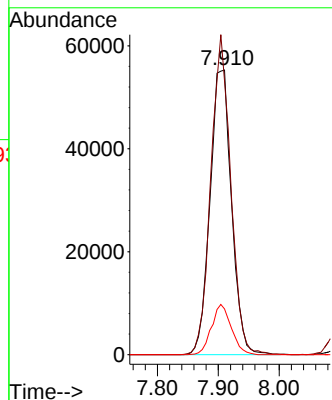
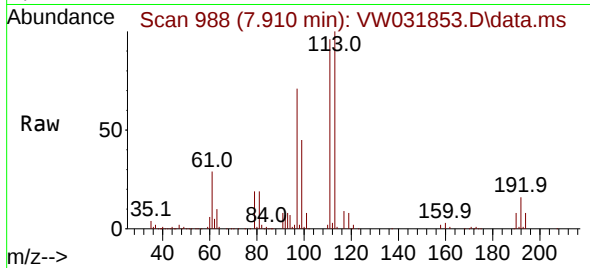




#35
 Dibromofluoromethane
 Concen: 49.098 ug/l
 RT: 7.910 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VW031853.D
 Acq: 14 Jul 2025 16:37

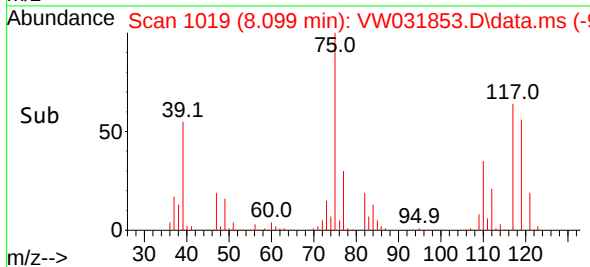
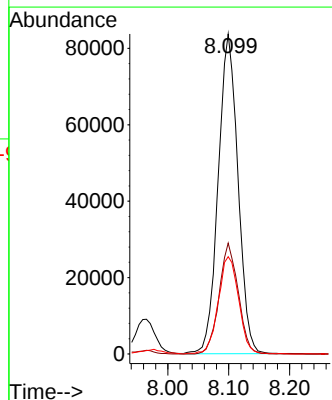
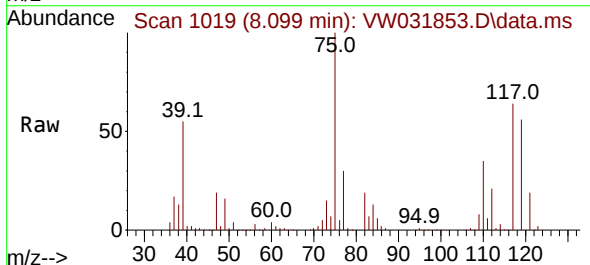
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

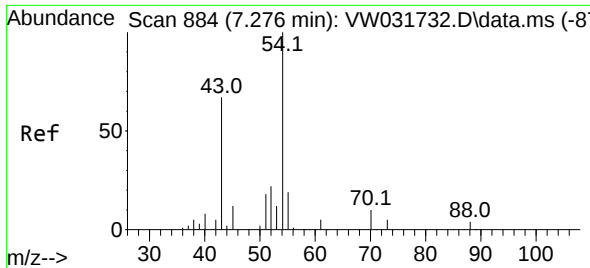
Tgt Ion:113 Resp: 136117
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.1 123.1
 192 16.2 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 47.084 ug/l
 RT: 8.099 min Scan# 1019
 Delta R.T. 0.006 min
 Lab File: VW031853.D
 Acq: 14 Jul 2025 16:37

Tgt Ion: 75 Resp: 188890
 Ion Ratio Lower Upper
 75 100
 110 33.5 16.8 50.4
 77 31.5 25.0 37.6

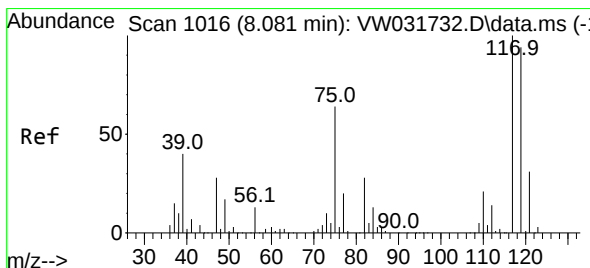
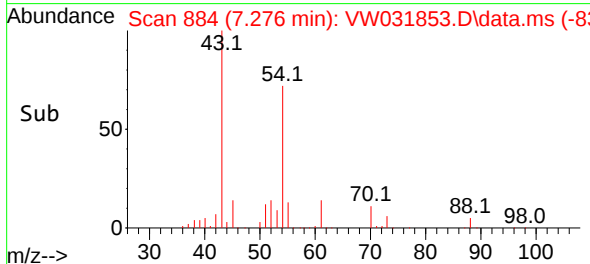
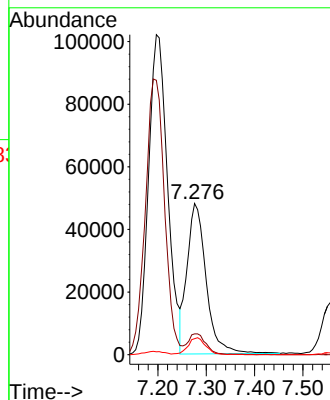
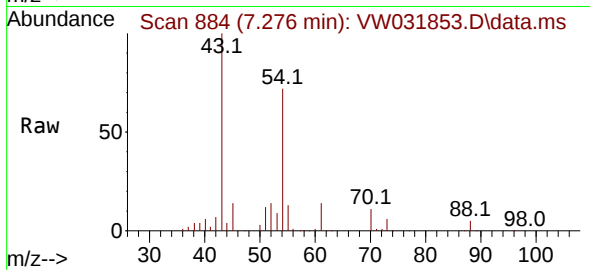




#37
Ethyl Acetate
Concen: 51.993 ug/l
RT: 7.276 min Scan# 884
Delta R.T. -0.000 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

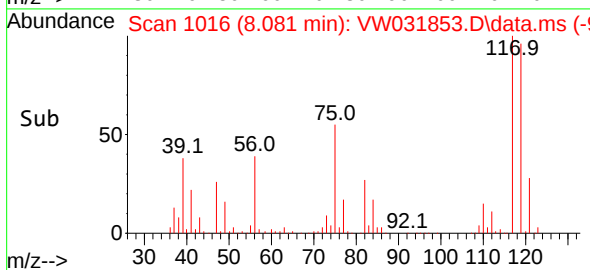
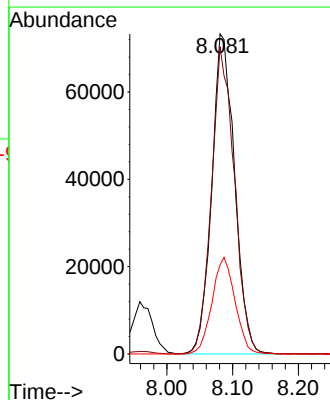
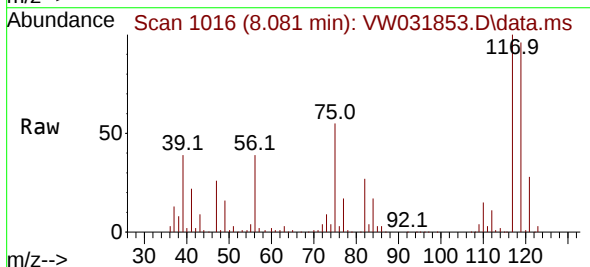
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

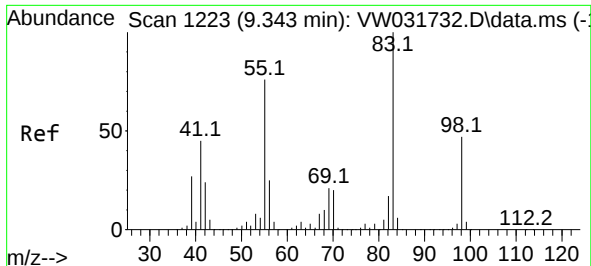
Tgt Ion: 43 Resp: 131578
Ion Ratio Lower Upper
43 100
61 12.4 10.9 16.3
70 10.6 9.2 13.8



#38
Carbon Tetrachloride
Concen: 43.259 ug/l
RT: 8.081 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

Tgt Ion: 117 Resp: 176848
Ion Ratio Lower Upper
117 100
119 96.0 75.0 112.6
121 27.8 24.6 37.0





#39

Methylcyclohexane

Concen: 47.311 ug/l

RT: 9.343 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031853.D

Acq: 14 Jul 2025 16:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

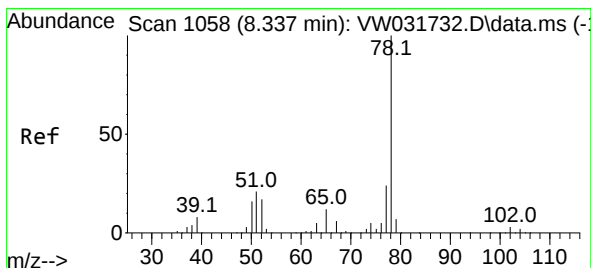
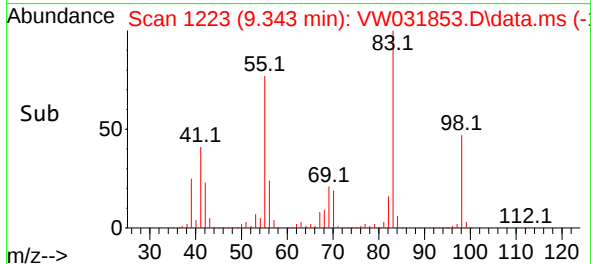
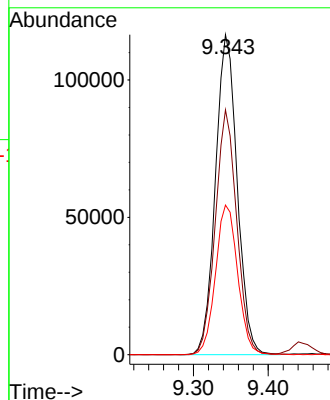
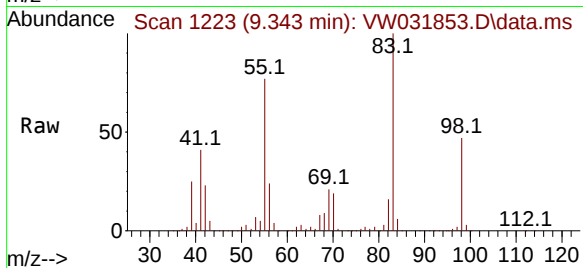
Tgt Ion: 83 Resp: 236145

Ion Ratio Lower Upper

83 100

55 76.5 61.0 91.4

98 46.8 37.9 56.9



#40

Benzene

Concen: 49.723 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VW031853.D

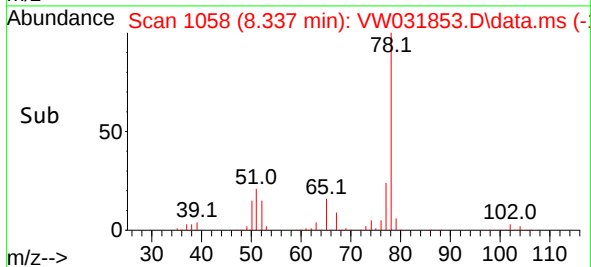
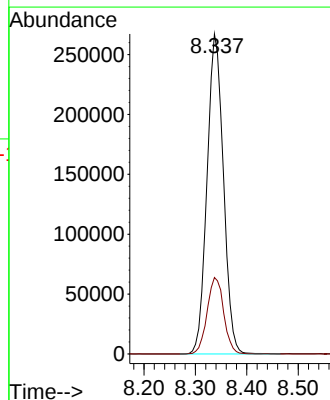
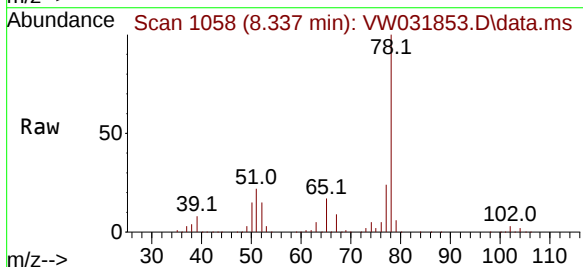
Acq: 14 Jul 2025 16:37

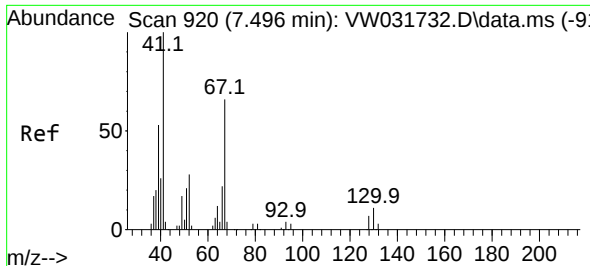
Tgt Ion: 78 Resp: 590167

Ion Ratio Lower Upper

78 100

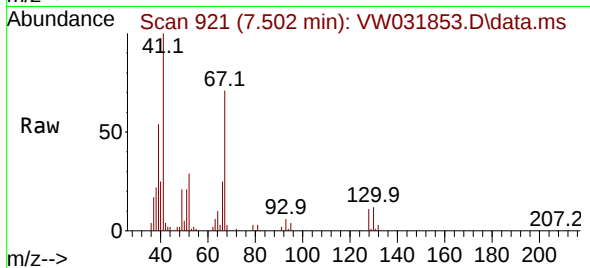
77 23.9 19.2 28.8



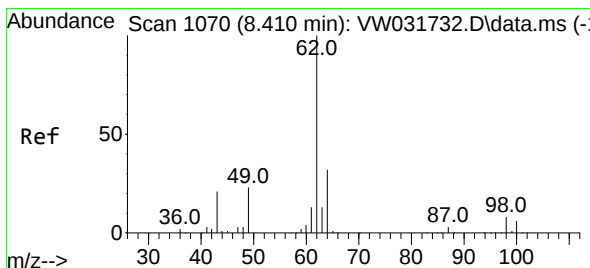
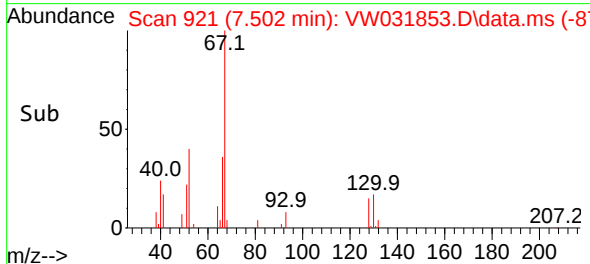
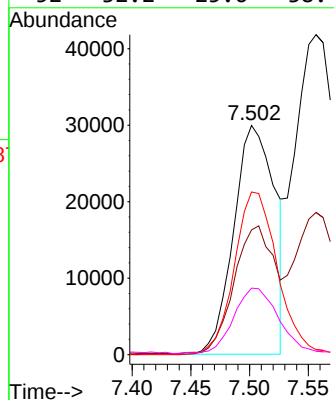


#41
Methacrylonitrile
Concen: 53.661 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

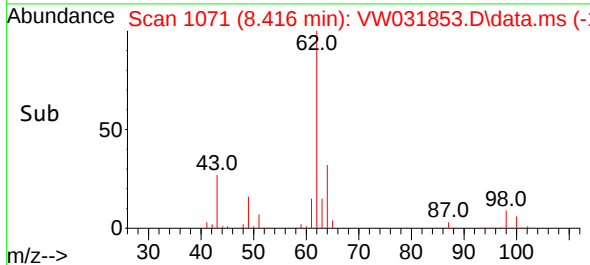
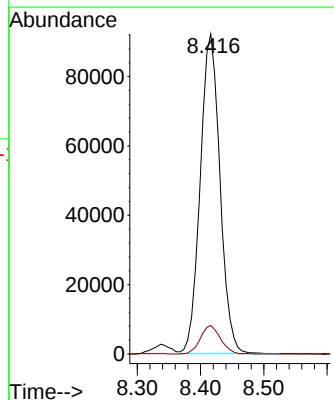
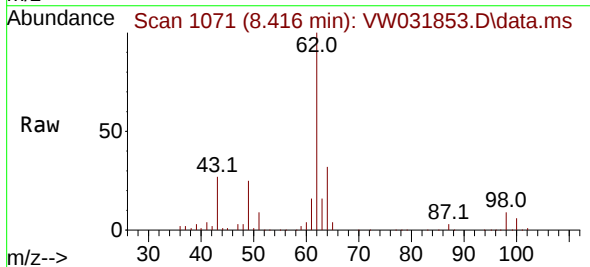


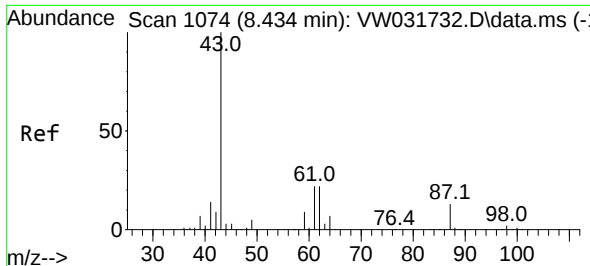
Tgt Ion:	41	Resp:	72747
Ion	Ratio	Lower	Upper
41	100		
39	55.2	43.2	64.8
67	75.0	58.1	87.1
52	32.2	25.6	38.4



#42
1,2-Dichloroethane
Concen: 49.963 ug/l
RT: 8.416 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

Tgt Ion:	62	Resp:	200375
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.2

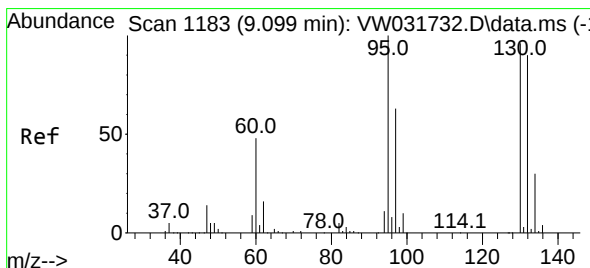
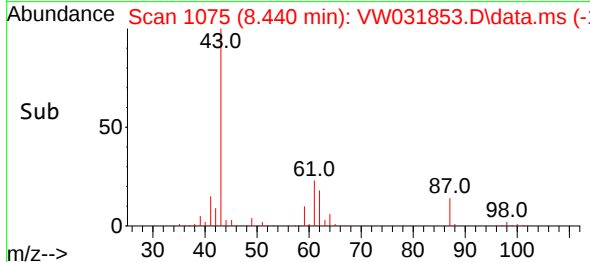
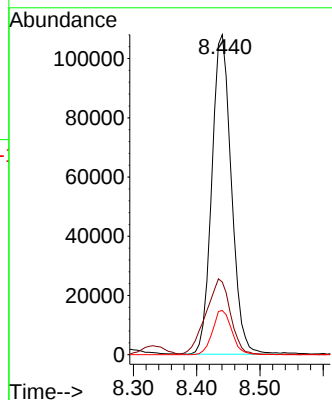
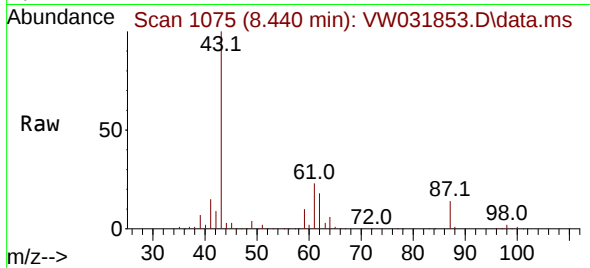




#43
Isopropyl Acetate
Concen: 53.121 ug/l
RT: 8.440 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

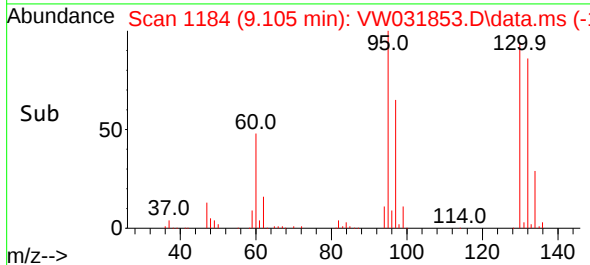
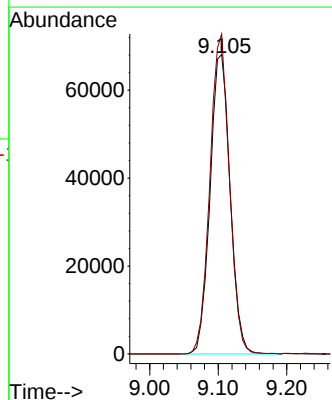
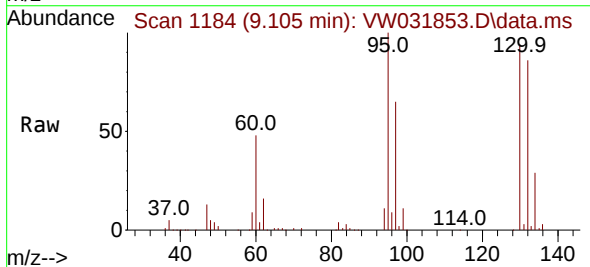
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

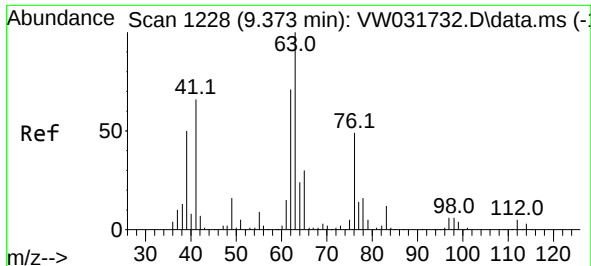
Tgt Ion: 43 Resp: 231733
Ion Ratio Lower Upper
43 100
61 29.6 23.1 34.7
87 13.6 10.8 16.2



#44
Trichloroethene
Concen: 46.687 ug/l
RT: 9.105 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

Tgt Ion:130 Resp: 138308
Ion Ratio Lower Upper
130 100
95 106.8 0.0 208.6





#45

1,2-Dichloropropane

Concen: 50.690 ug/l

RT: 9.379 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW031853.D

Acq: 14 Jul 2025 16:37

Instrument :

MSVOA_W

ClientSampleId :

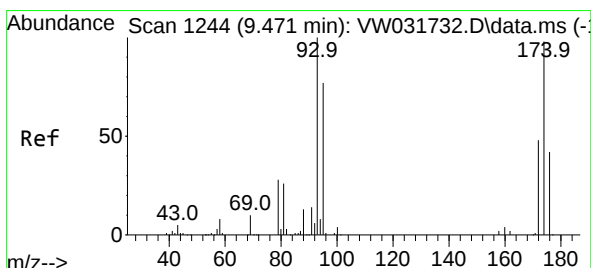
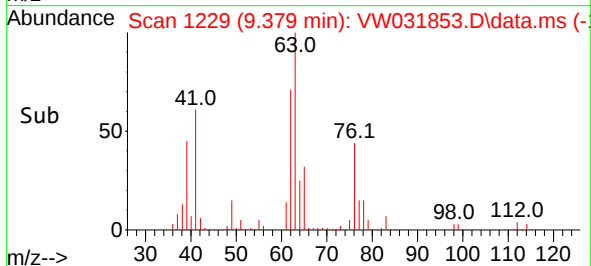
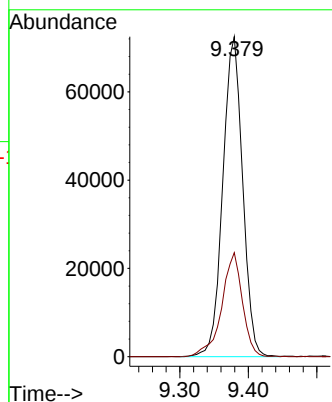
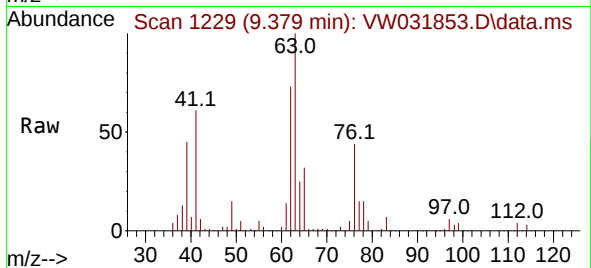
VSTDCCC050EC

Tgt Ion: 63 Resp: 145411

Ion Ratio Lower Upper

63 100

65 32.5 24.2 36.4



#46

Dibromomethane

Concen: 50.509 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.006 min

Lab File: VW031853.D

Acq: 14 Jul 2025 16:37

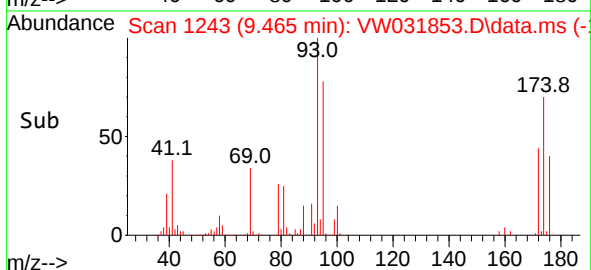
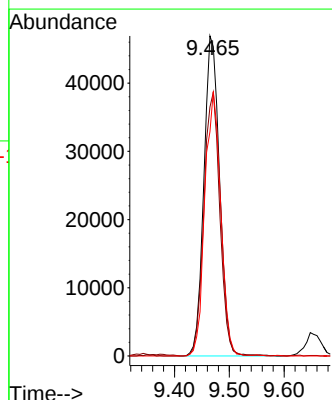
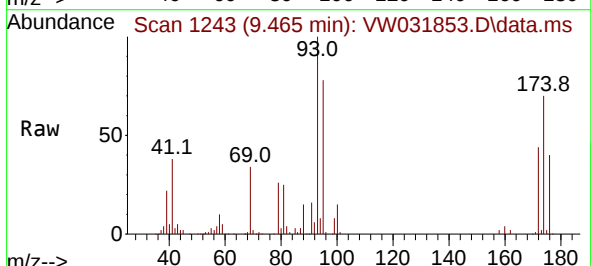
Tgt Ion: 93 Resp: 93543

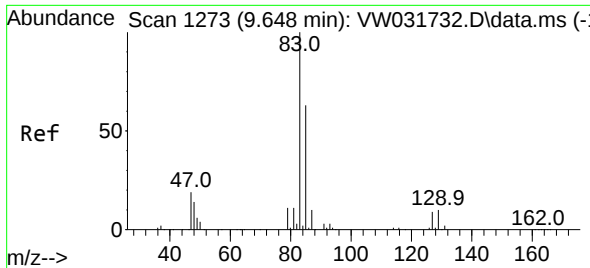
Ion Ratio Lower Upper

93 100

95 83.3 67.0 100.4

174 83.4 71.7 107.5

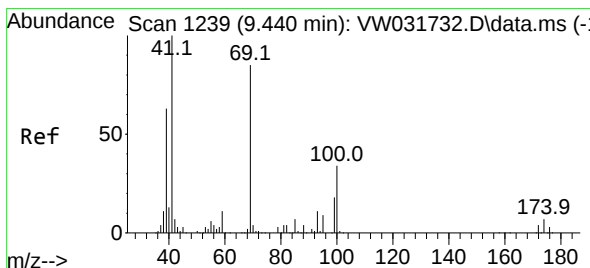
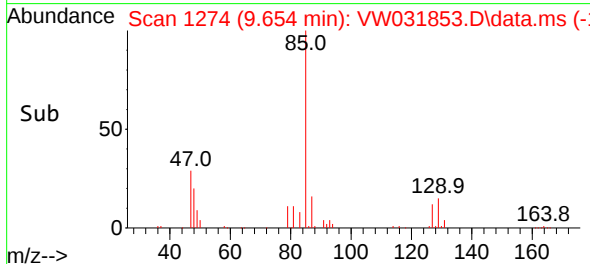
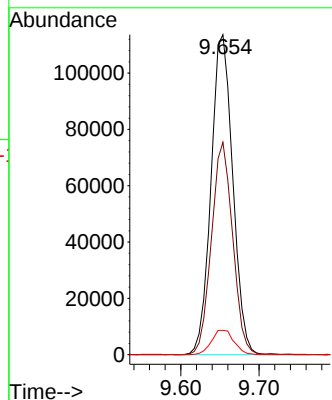
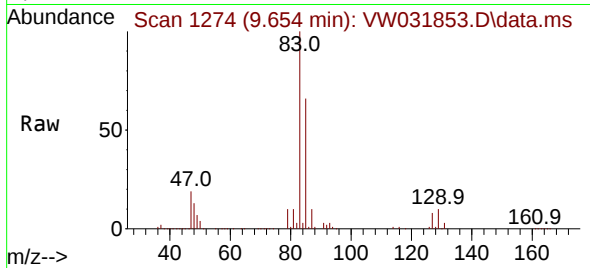




#47
Bromodichloromethane
Concen: 50.461 ug/l
RT: 9.654 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

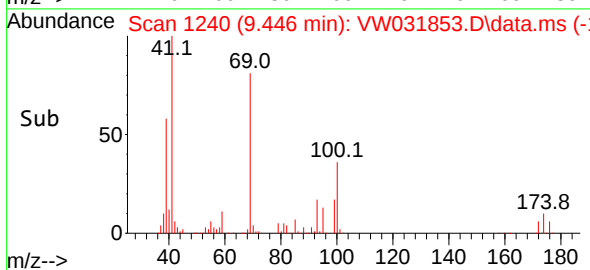
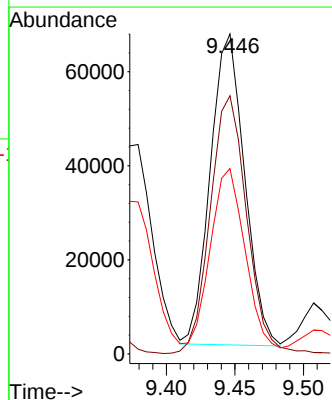
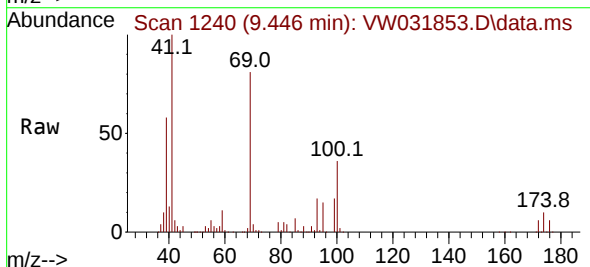
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

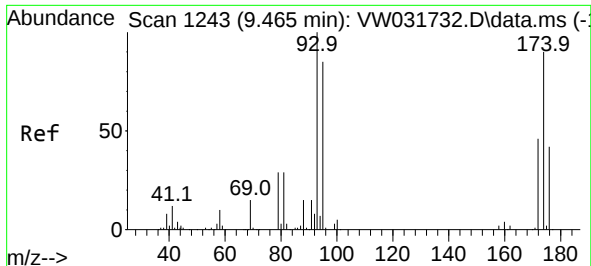
Tgt Ion: 83 Resp: 219148
Ion Ratio Lower Upper
83 100
85 66.4 50.8 76.2
127 7.6 6.8 10.2



#48
Methyl methacrylate
Concen: 53.583 ug/l
RT: 9.446 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

Tgt Ion: 41 Resp: 114937
Ion Ratio Lower Upper
41 100
69 88.4 71.6 107.4
39 57.6 49.5 74.3





#49

1,4-Dioxane

Concen: 1054.828 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VW031853.D

Acq: 14 Jul 2025 16:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

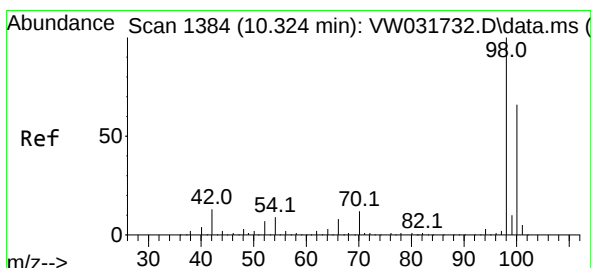
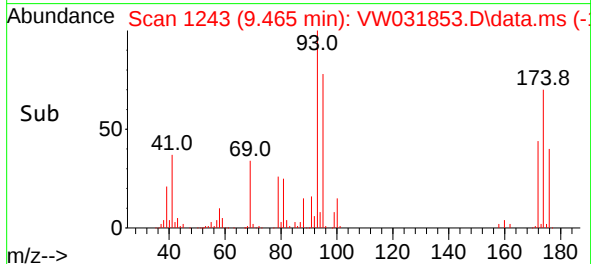
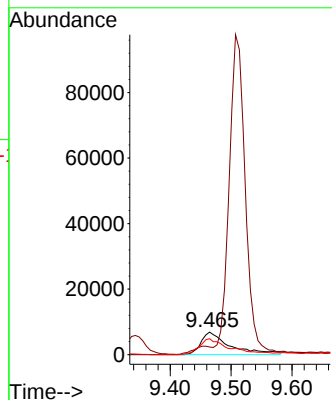
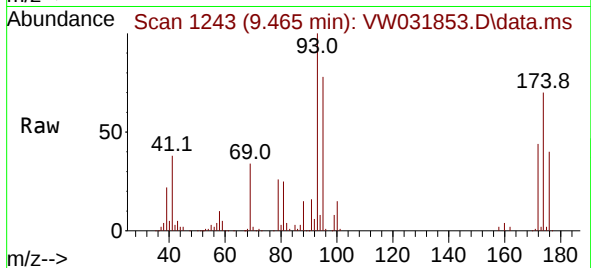
Tgt Ion: 88 Resp: 22880

Ion Ratio Lower Upper

88 100

43 23.6 0.0 0.0#

58 75.5 58.3 87.5



#50

Toluene-d8

Concen: 49.040 ug/l

RT: 10.324 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW031853.D

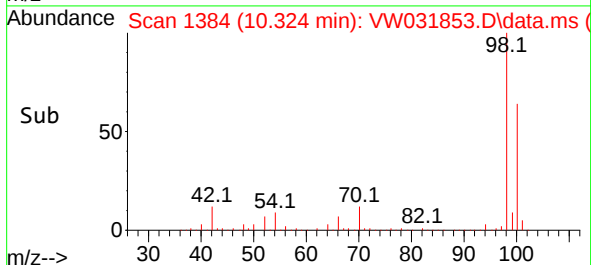
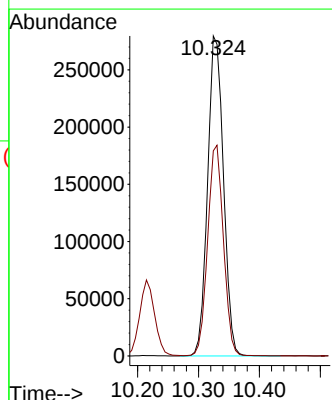
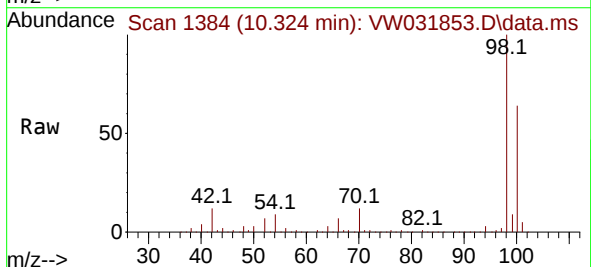
Acq: 14 Jul 2025 16:37

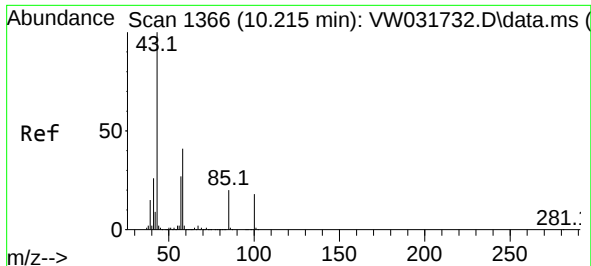
Tgt Ion: 98 Resp: 505955

Ion Ratio Lower Upper

98 100

100 65.5 53.0 79.4

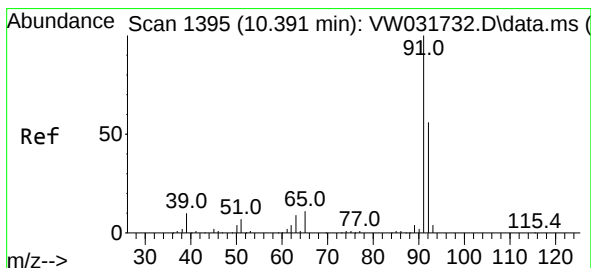
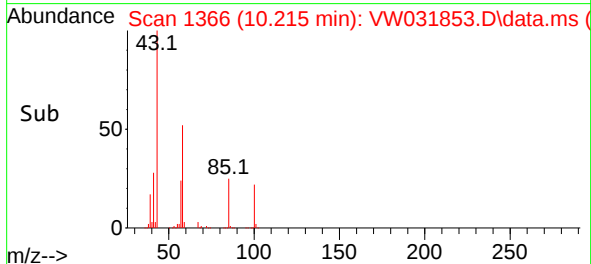
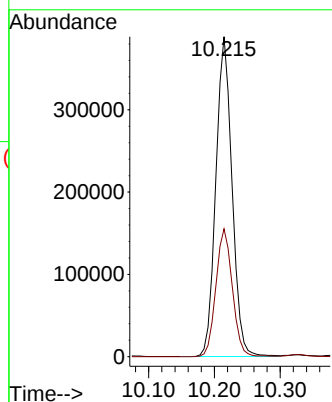
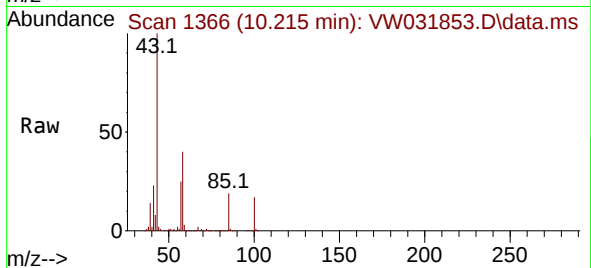




#51
4-Methyl-2-Pentanone
Concen: 265.760 ug/l
RT: 10.215 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

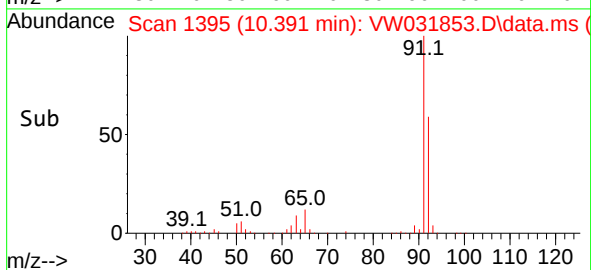
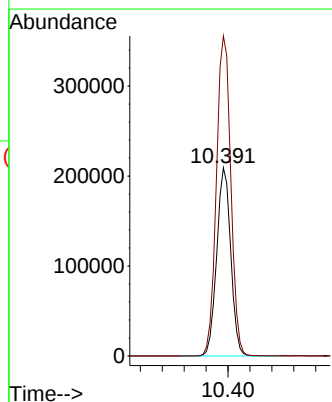
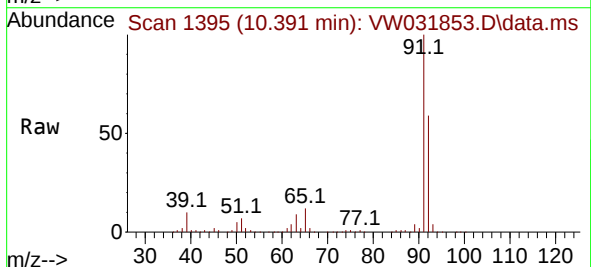
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 666519
Ion Ratio Lower Upper
43 100
58 40.6 32.2 48.2



#52
Toluene
Concen: 48.770 ug/l
RT: 10.391 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

Tgt Ion: 92 Resp: 370626
Ion Ratio Lower Upper
92 100
91 174.6 139.5 209.3

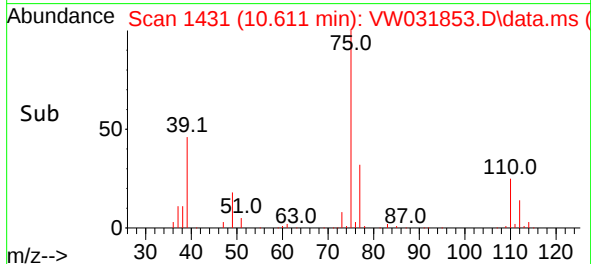
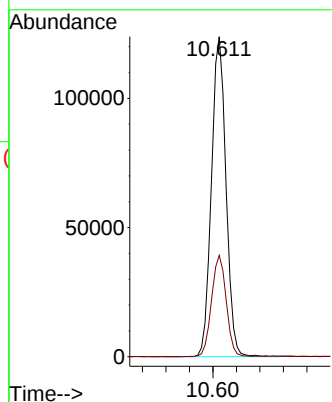
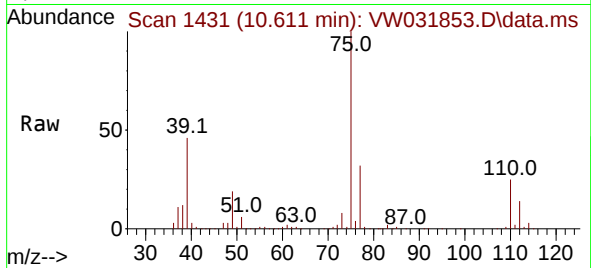




#53
t-1,3-Dichloropropene
Concen: 52.270 ug/l
RT: 10.611 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

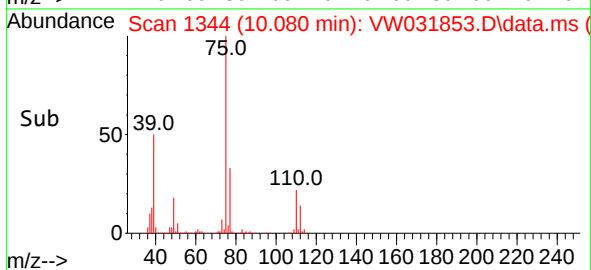
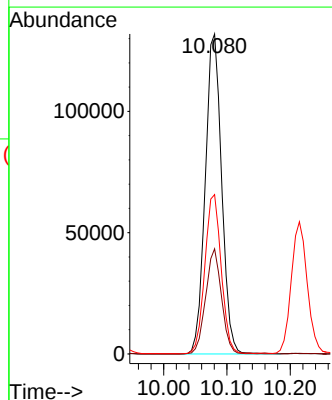
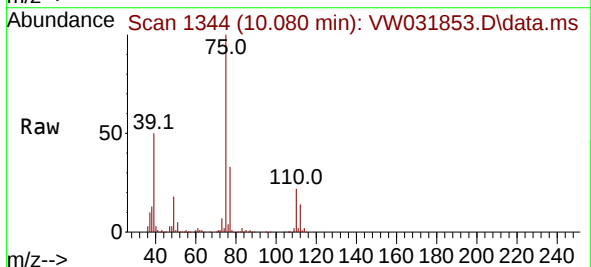
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

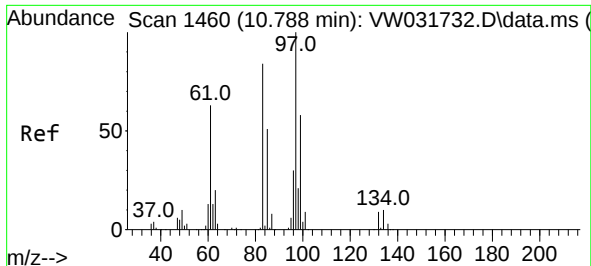
Tgt Ion: 75 Resp: 212988
Ion Ratio Lower Upper
75 100
77 31.6 24.3 36.5



#54
cis-1,3-Dichloropropene
Concen: 51.577 ug/l
RT: 10.080 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

Tgt Ion: 75 Resp: 238250
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.2
39 49.8 41.8 62.6





#55

1,1,2-Trichloroethane

Concen: 51.513 ug/l

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VW031853.D

Acq: 14 Jul 2025 16:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 124970

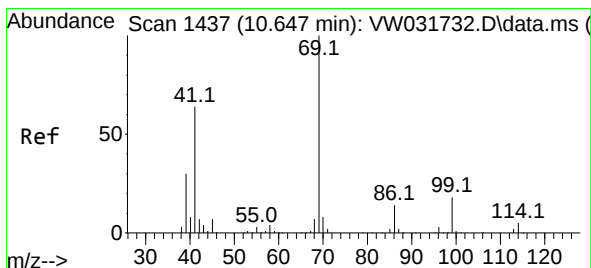
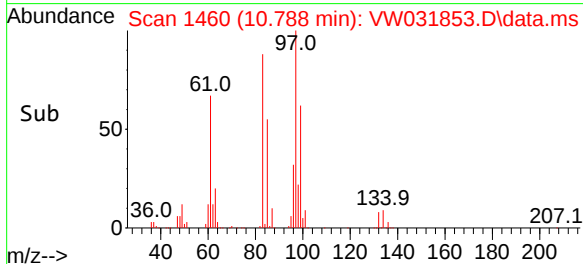
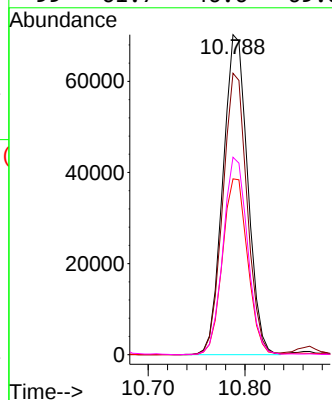
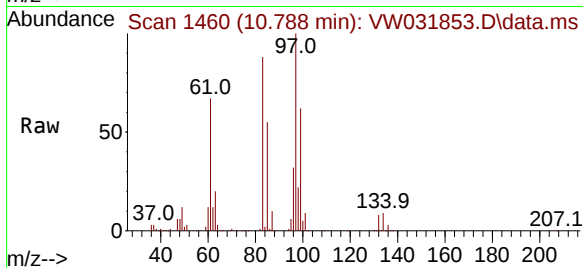
Ion Ratio Lower Upper

97 100

83 87.9 66.9 100.3

85 54.9 41.1 61.7

99 61.7 46.6 69.8



#56

Ethyl methacrylate

Concen: 57.977 ug/l

RT: 10.647 min Scan# 1437

Delta R.T. -0.000 min

Lab File: VW031853.D

Acq: 14 Jul 2025 16:37

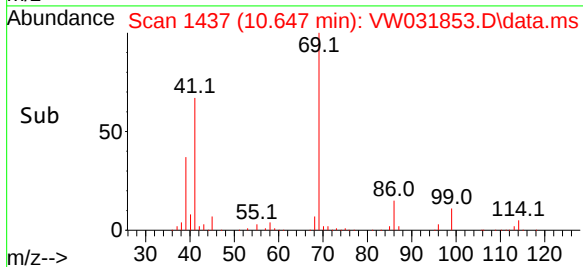
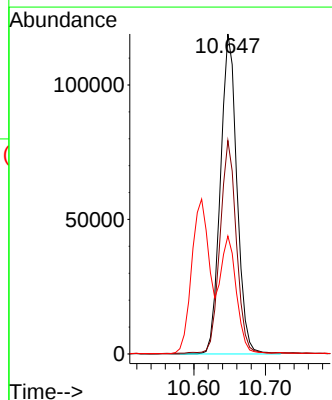
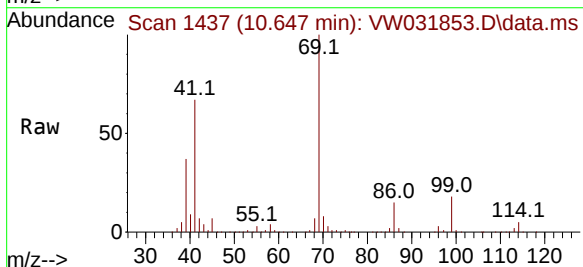
Tgt Ion: 69 Resp: 190816

Ion Ratio Lower Upper

69 100

41 65.8 53.3 79.9

39 35.1 30.2 45.2

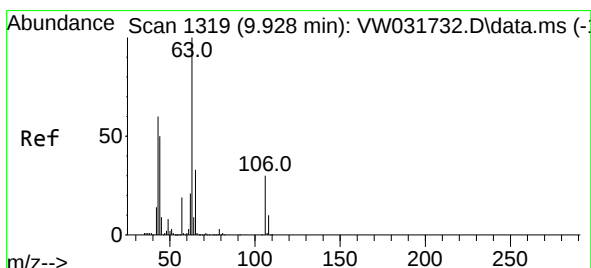
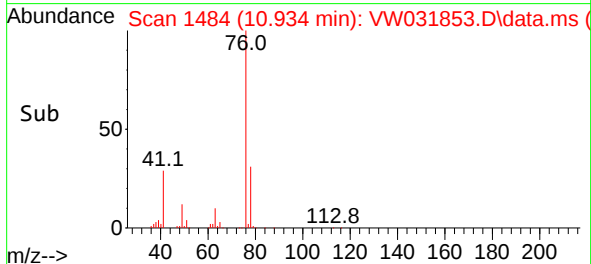
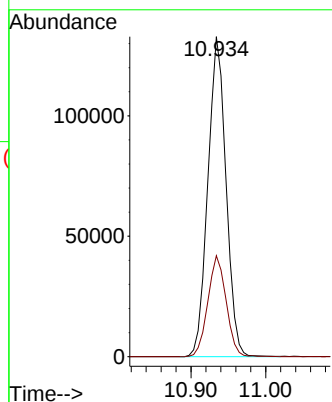
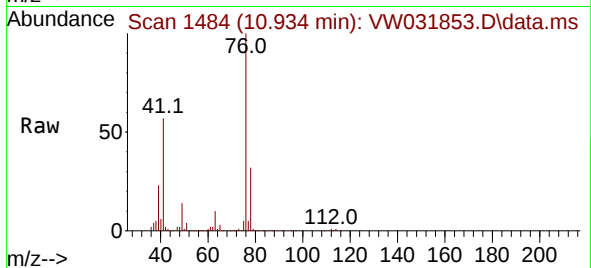




#57
1,3-Dichloropropane
Concen: 52.597 ug/l
RT: 10.934 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

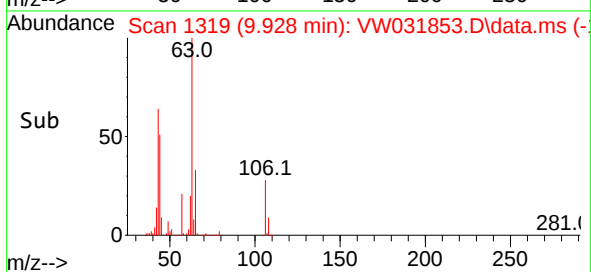
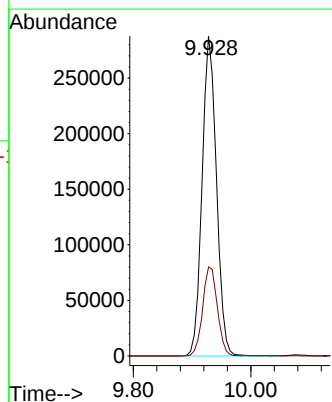
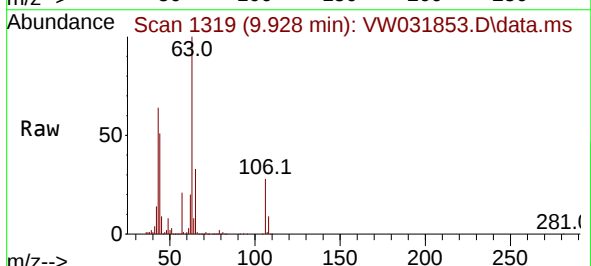
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

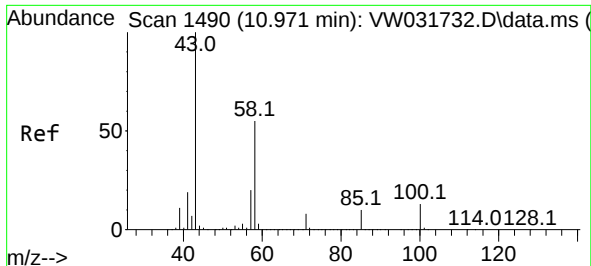
Tgt Ion: 76 Resp: 224026
Ion Ratio Lower Upper
76 100
78 31.8 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 269.792 ug/l
RT: 9.928 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

Tgt Ion: 63 Resp: 488946
Ion Ratio Lower Upper
63 100
106 28.6 24.1 36.1

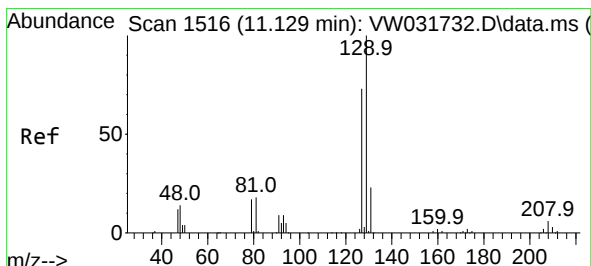
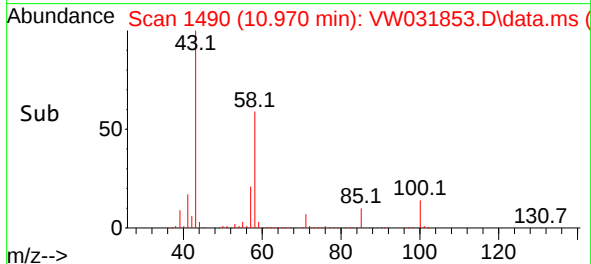
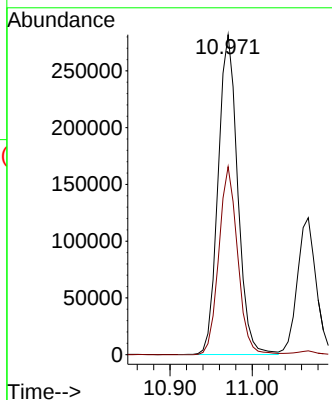
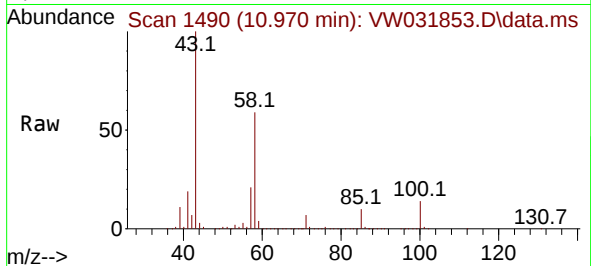




#59
2-Hexanone
Concen: 273.814 ug/l
RT: 10.970 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

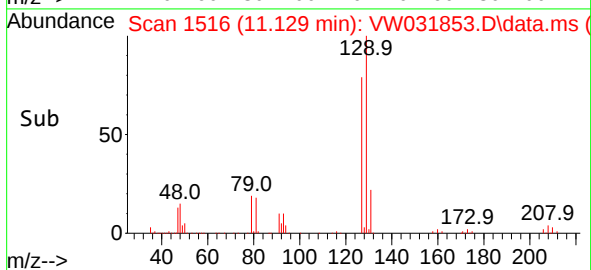
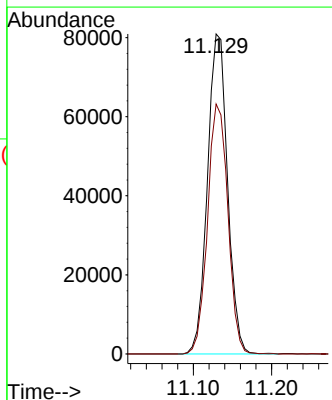
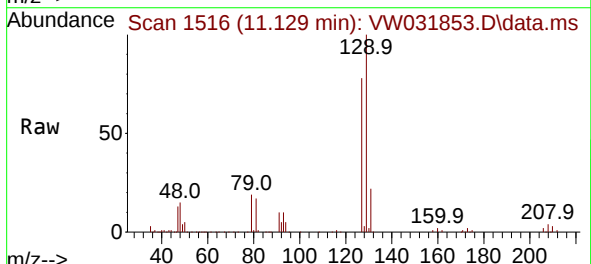
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

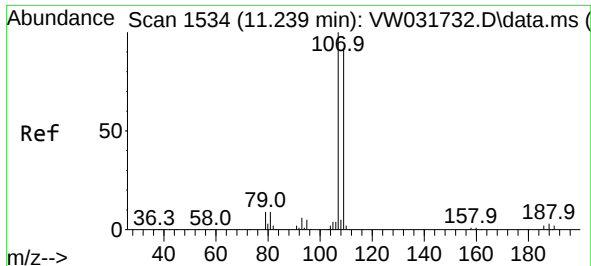
Tgt Ion: 43 Resp: 465349
Ion Ratio Lower Upper
43 100
58 56.7 27.9 83.6



#60
Dibromochloromethane
Concen: 49.673 ug/l
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

Tgt Ion:129 Resp: 144104
Ion Ratio Lower Upper
129 100
127 79.0 38.0 114.1

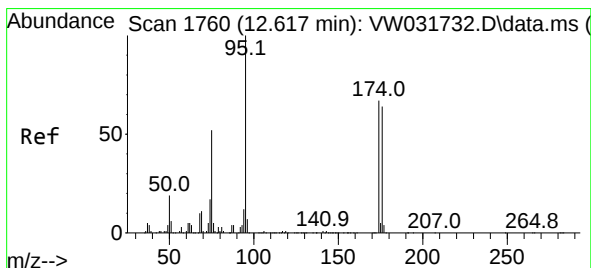
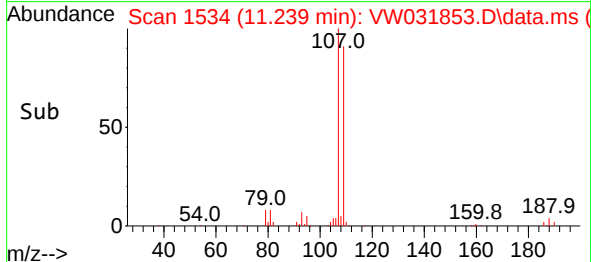
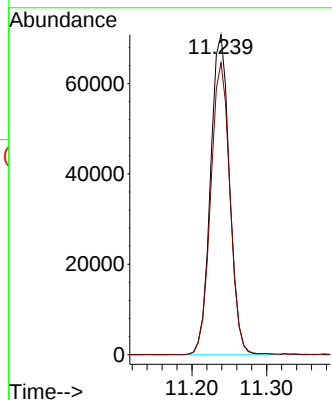
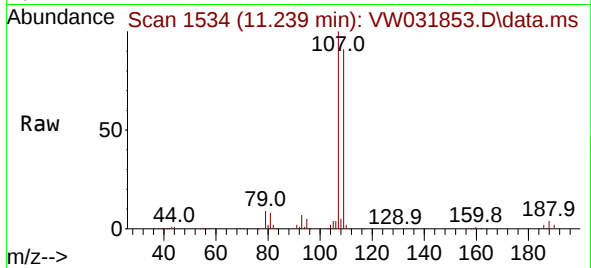




#61
1,2-Dibromoethane
Concen: 51.342 ug/l
RT: 11.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

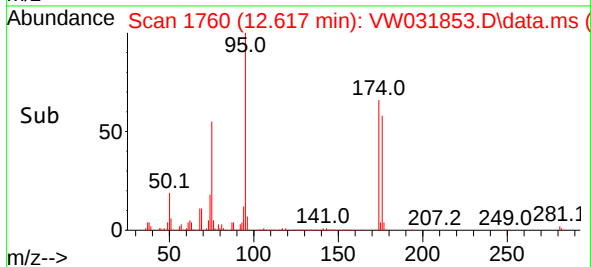
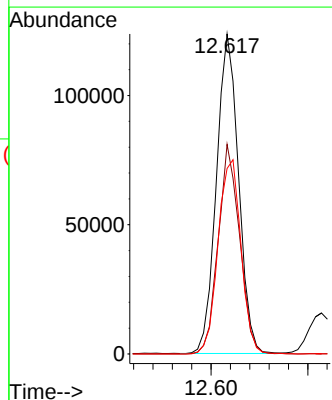
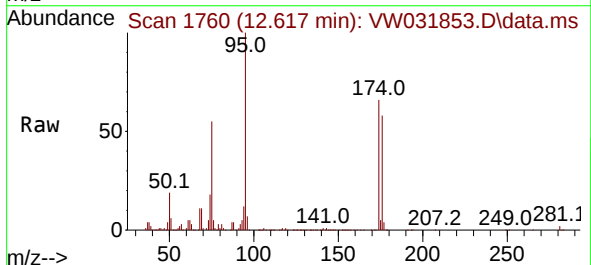
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

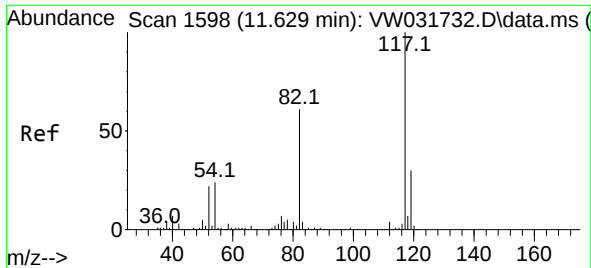
Tgt Ion:107 Resp: 124688
Ion Ratio Lower Upper
107 100
109 92.5 73.9 110.9



#62
4-Bromofluorobenzene
Concen: 51.657 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

Tgt Ion: 95 Resp: 196126
Ion Ratio Lower Upper
95 100
174 63.5 0.0 133.8
176 63.1 0.0 126.0

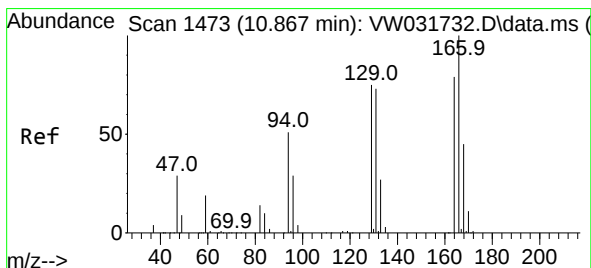
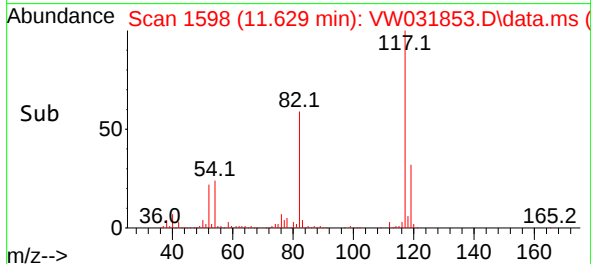
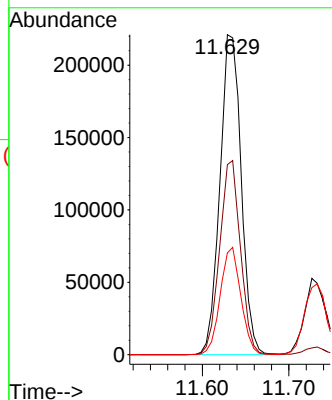
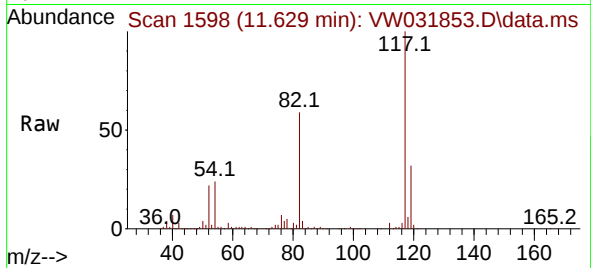




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 117
Delta R.T. -0.000 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

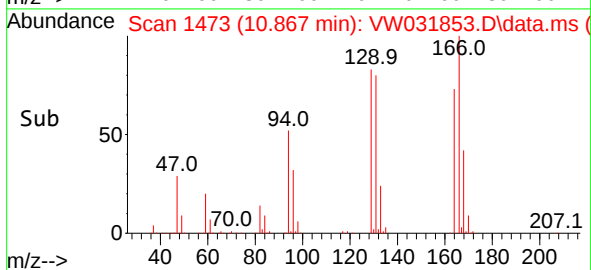
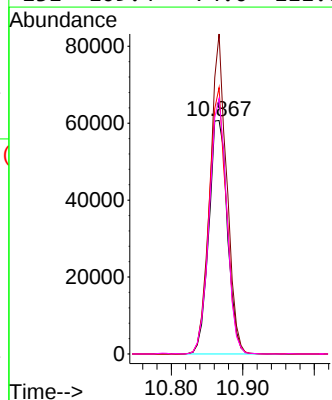
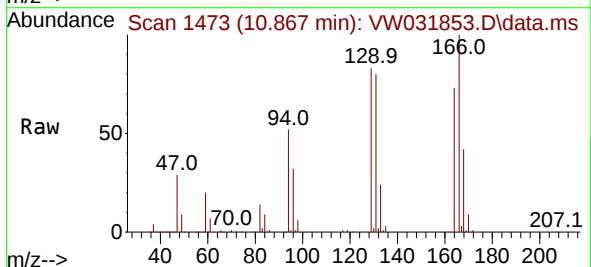
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

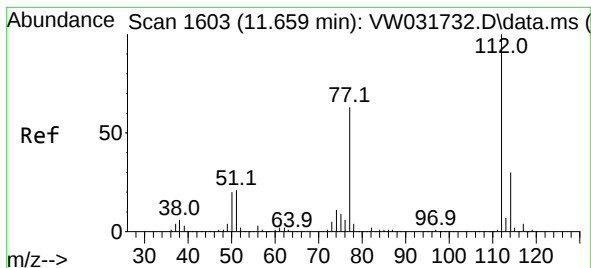
Tgt Ion:117 Resp: 377830
Ion Ratio Lower Upper
117 100
82 59.4 48.6 72.8
119 31.8 23.9 35.9



#64
Tetrachloroethene
Concen: 44.174 ug/l
RT: 10.867 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

Tgt Ion:164 Resp: 109175
Ion Ratio Lower Upper
164 100
166 137.1 100.7 151.1
129 114.1 75.4 113.0#
131 109.4 74.0 111.0

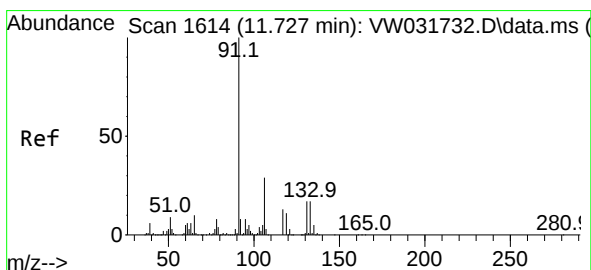
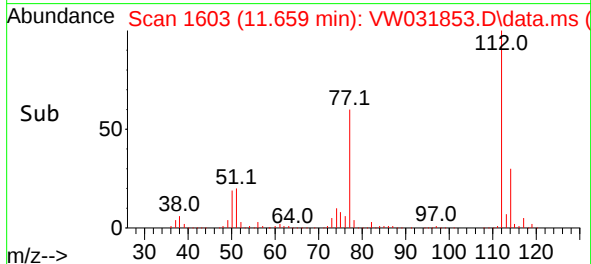
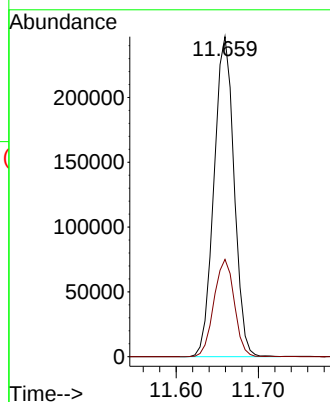
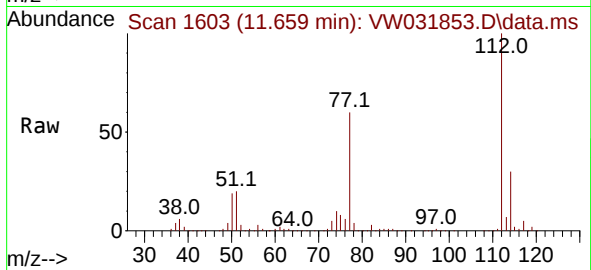




#65
Chlorobenzene
Concen: 50.202 ug/l
RT: 11.659 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

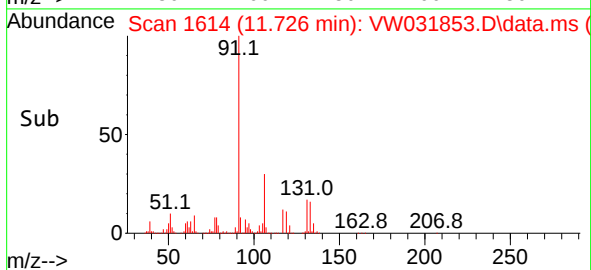
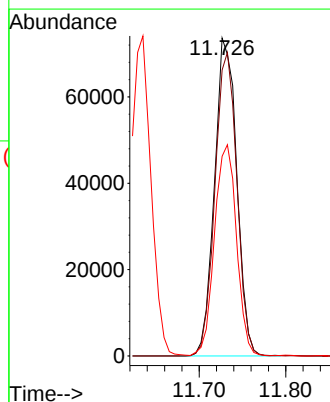
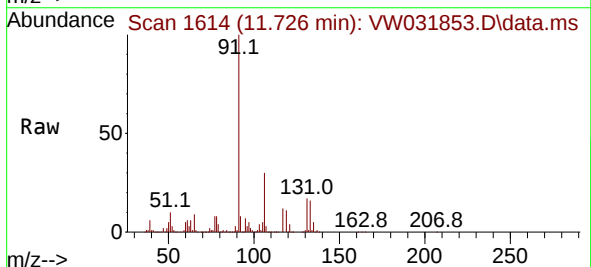
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

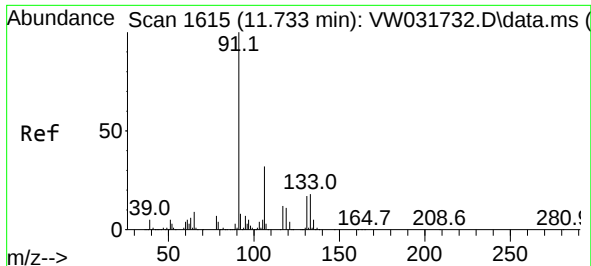
Tgt Ion:112 Resp: 418496
Ion Ratio Lower Upper
112 100
114 30.4 23.8 35.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.398 ug/l
RT: 11.726 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

Tgt Ion:131 Resp: 131225
Ion Ratio Lower Upper
131 100
133 94.4 48.5 145.6
119 65.7 32.5 97.5





#67

Ethyl Benzene

Concen: 50.699 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. -0.000 min

Lab File: VW031853.D

Acq: 14 Jul 2025 16:37

Instrument :

MSVOA_W

ClientSampleId :

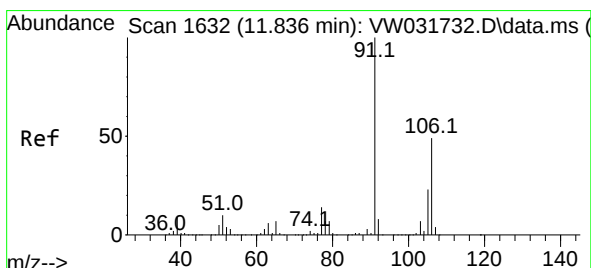
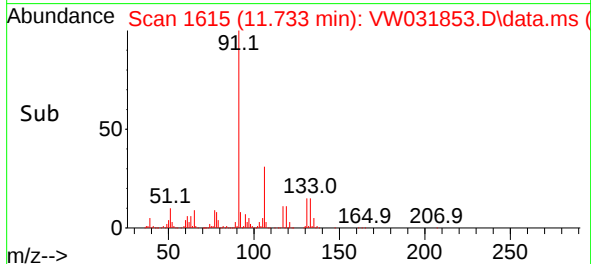
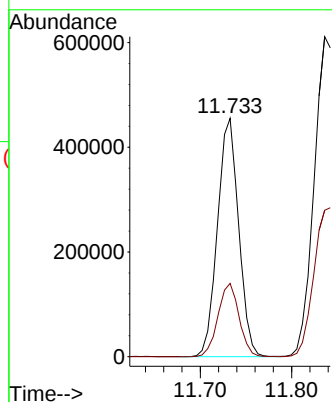
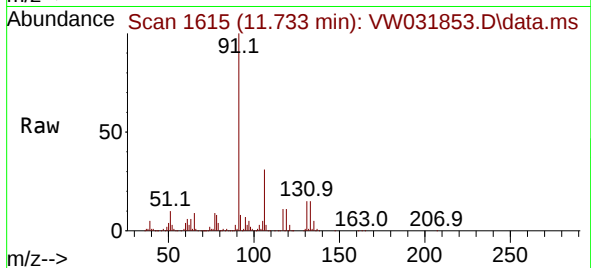
VSTDCCC050EC

Tgt Ion: 91 Resp: 732870

Ion Ratio Lower Upper

91 100

106 30.7 25.4 38.2



#68

m/p-Xylenes

Concen: 98.983 ug/l

RT: 11.842 min Scan# 1633

Delta R.T. 0.006 min

Lab File: VW031853.D

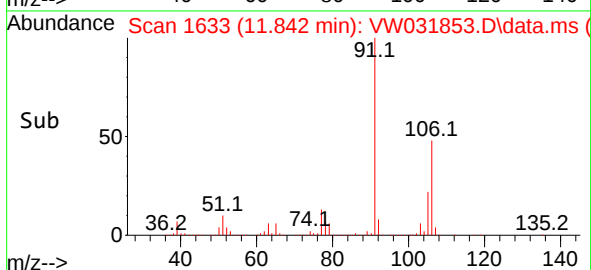
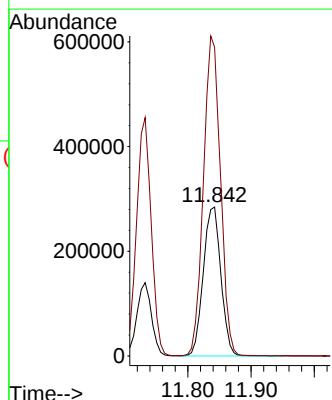
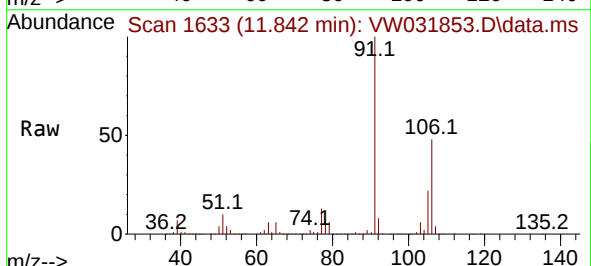
Acq: 14 Jul 2025 16:37

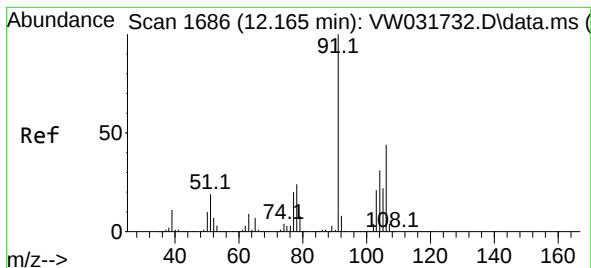
Tgt Ion:106 Resp: 550032

Ion Ratio Lower Upper

106 100

91 208.4 166.4 249.6





#69

o-Xylene

Concen: 50.913 ug/l

RT: 12.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031853.D

Acq: 14 Jul 2025 16:37

Instrument :

MSVOA_W

ClientSampleId :

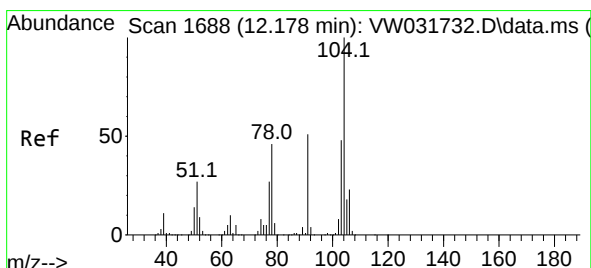
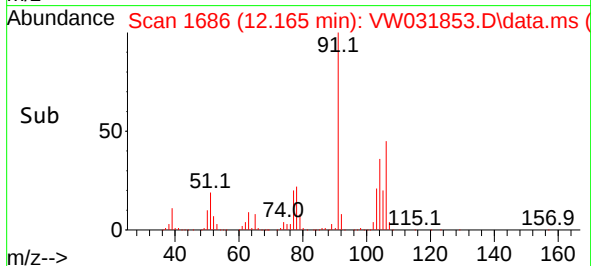
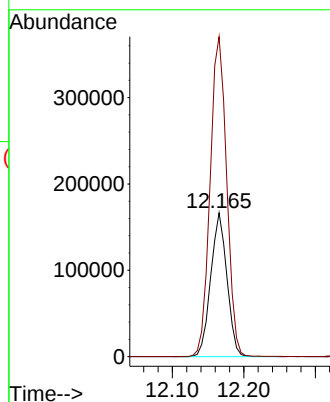
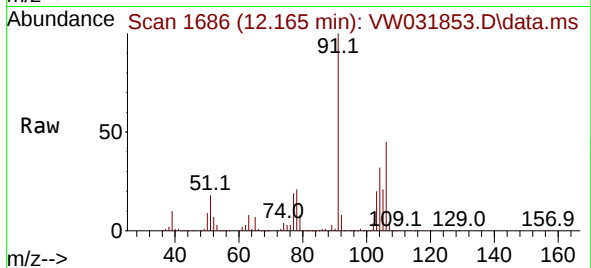
VSTDCCC050EC

Tgt Ion:106 Resp: 261949

Ion Ratio Lower Upper

106 100

91 227.2 111.5 334.4



#70

Styrene

Concen: 52.327 ug/l

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW031853.D

Acq: 14 Jul 2025 16:37

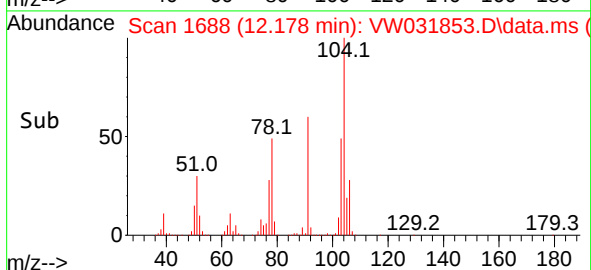
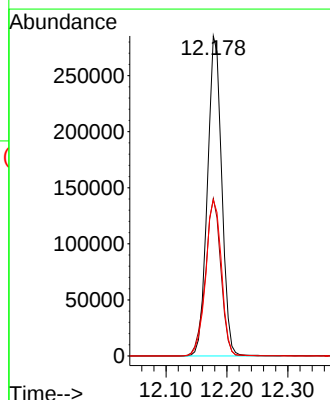
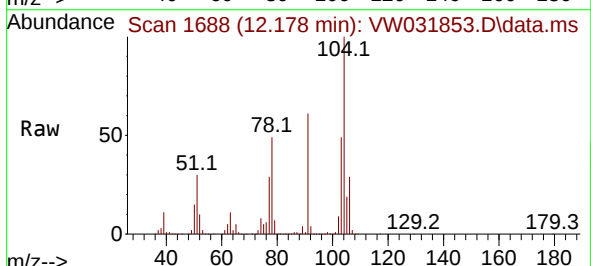
Tgt Ion:104 Resp: 465431

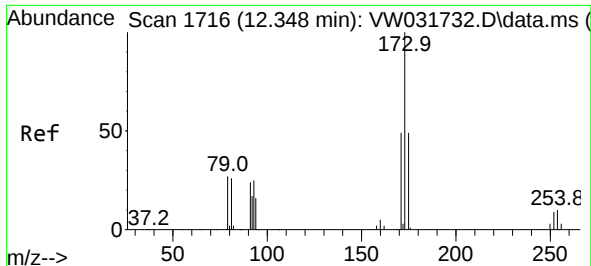
Ion Ratio Lower Upper

104 100

78 53.1 42.1 63.1

103 53.7 43.0 64.6

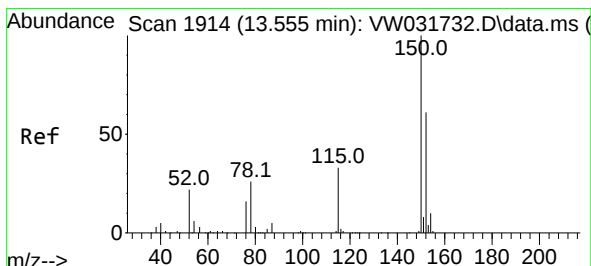
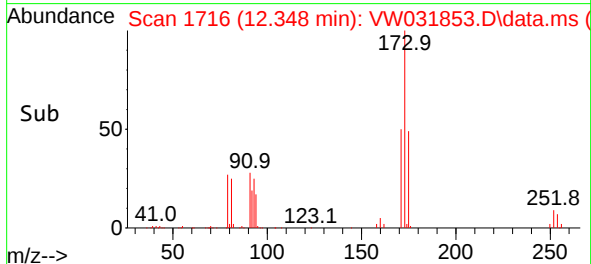
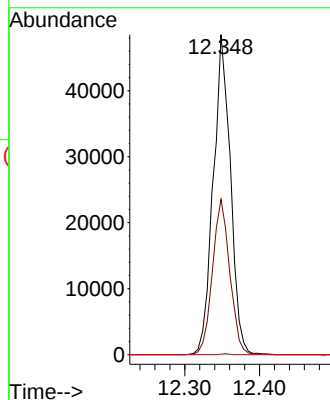
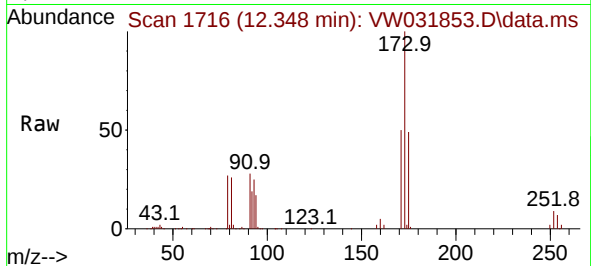




#71
Bromoform
Concen: 48.940 ug/l
RT: 12.348 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

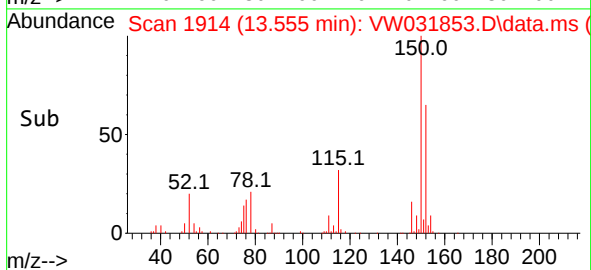
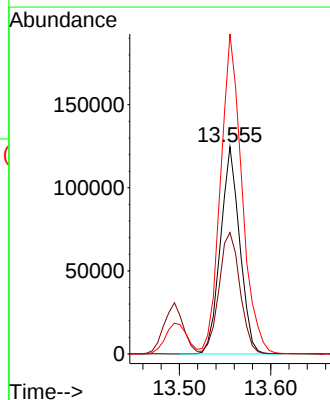
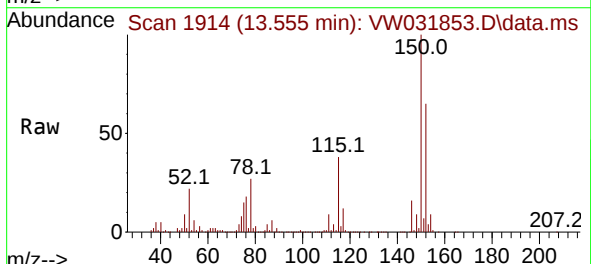
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

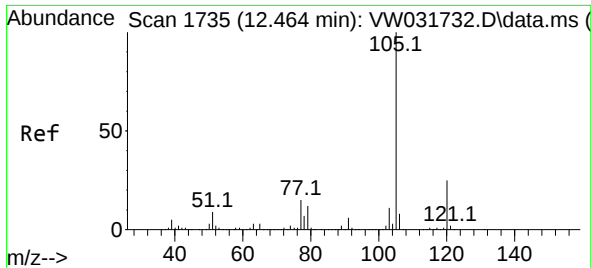
Tgt Ion:173 Resp: 77558
Ion Ratio Lower Upper
173 100
175 48.8 24.0 72.0
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

Tgt Ion:152 Resp: 182654
Ion Ratio Lower Upper
152 100
115 63.7 31.9 95.7
150 171.7 0.0 356.4

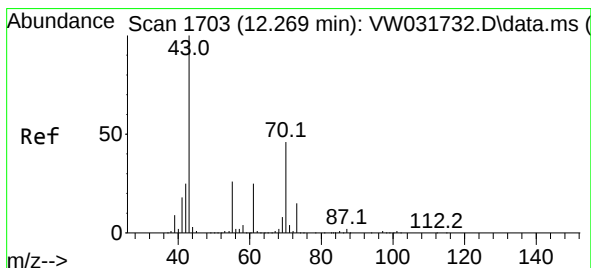
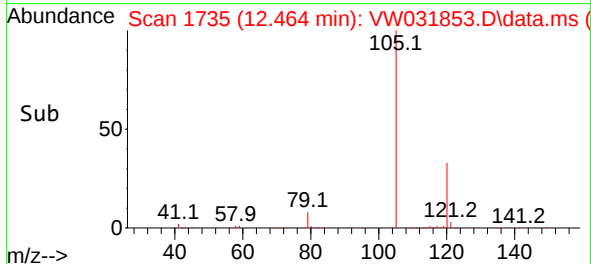
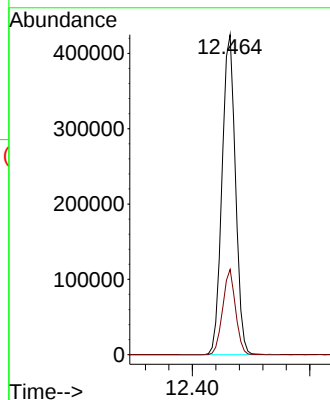
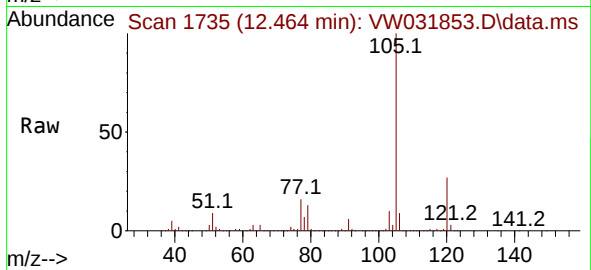




#73
Isopropylbenzene
Concen: 48.446 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

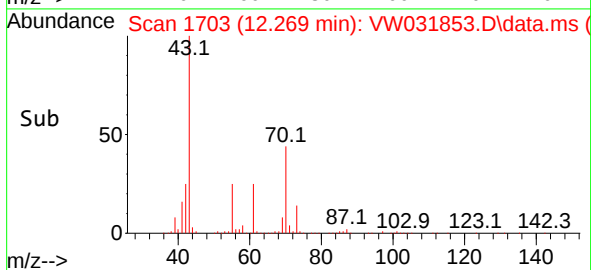
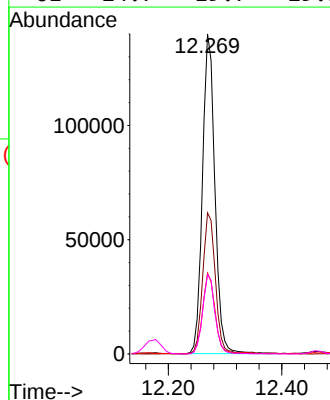
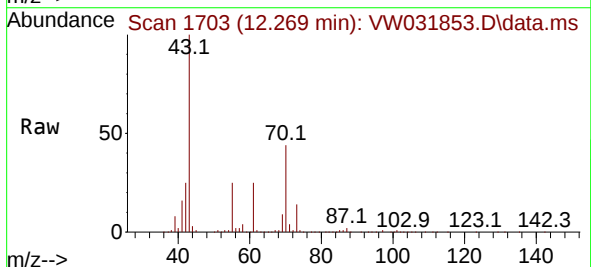
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

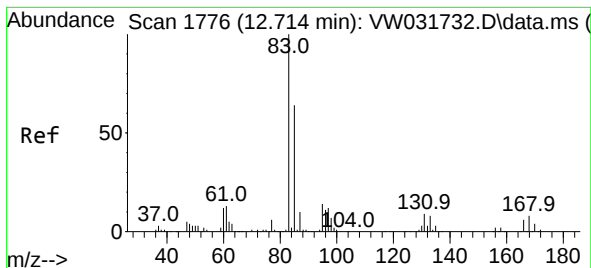
Tgt Ion:105 Resp: 673099
Ion Ratio Lower Upper
105 100
120 25.4 12.8 38.4



#74
N-ethyl acetate
Concen: 56.920 ug/l
RT: 12.269 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

Tgt Ion: 43 Resp: 213154
Ion Ratio Lower Upper
43 100
70 45.3 36.0 54.0
55 24.8 20.8 31.2
61 24.7 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 50.981 ug/l

RT: 12.714 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VW031853.D

Acq: 14 Jul 2025 16:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

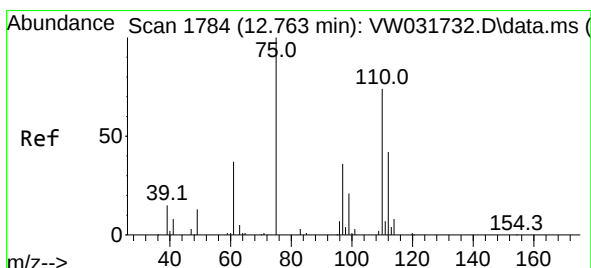
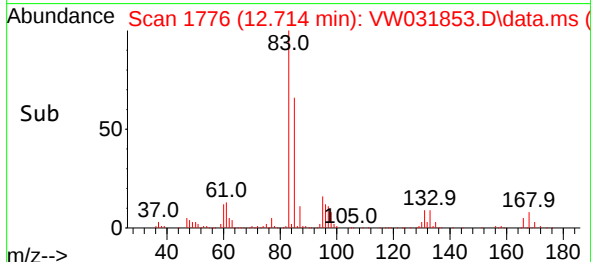
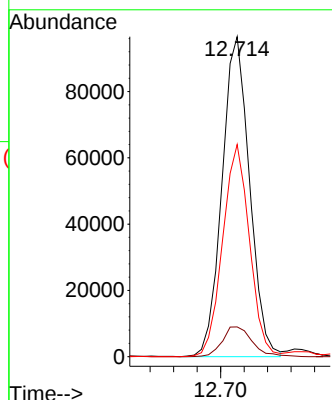
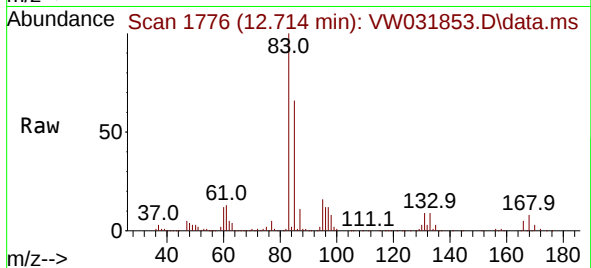
Tgt Ion: 83 Resp: 157252

Ion Ratio Lower Upper

83 100

131 10.2 5.3 16.1

85 64.6 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 85.055 ug/l

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW031853.D

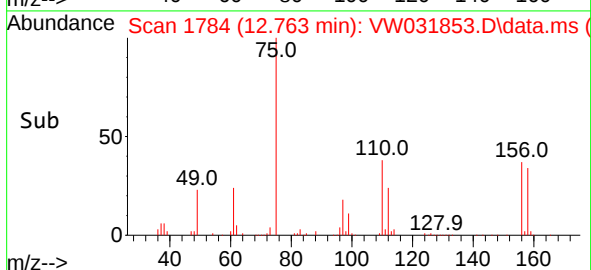
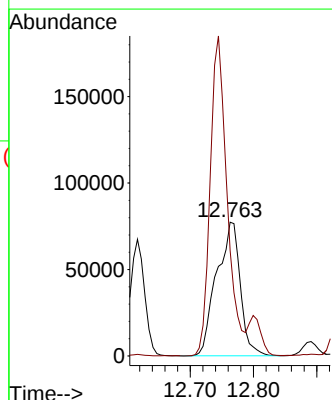
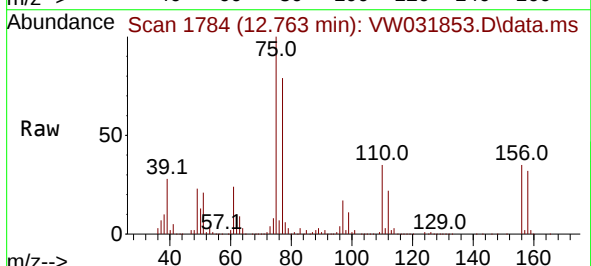
Acq: 14 Jul 2025 16:37

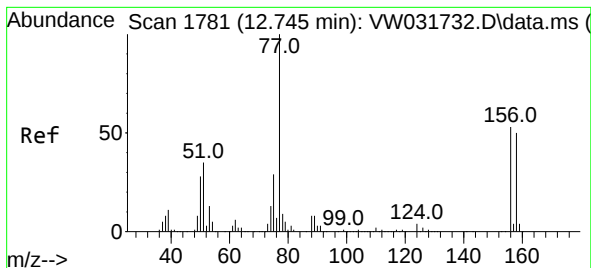
Tgt Ion: 75 Resp: 200763

Ion Ratio Lower Upper

75 100

77 171.8 141.2 423.6





#77

Bromobenzene

Concen: 48.889 ug/l

RT: 12.745 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VW031853.D

Acq: 14 Jul 2025 16:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

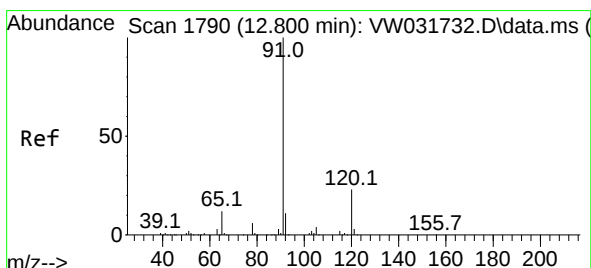
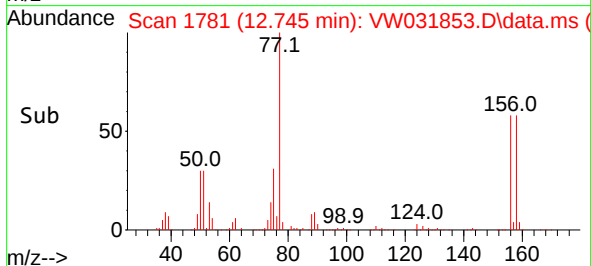
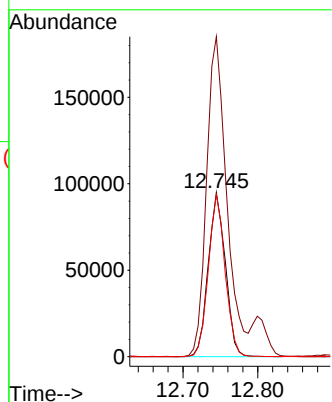
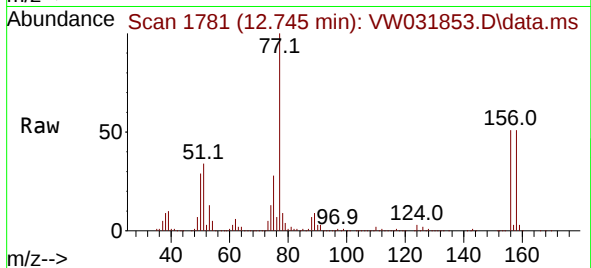
Tgt Ion:156 Resp: 151496

Ion Ratio Lower Upper

156 100

77 227.7 117.9 353.7

158 96.7 52.6 157.8



#78

n-propylbenzene

Concen: 48.877 ug/l

RT: 12.799 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VW031853.D

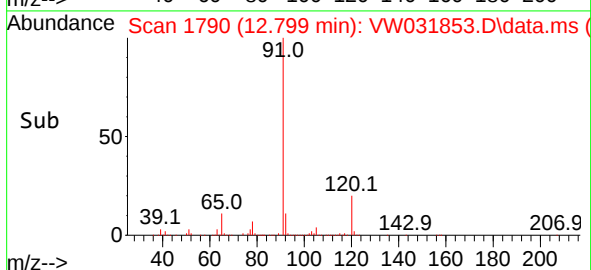
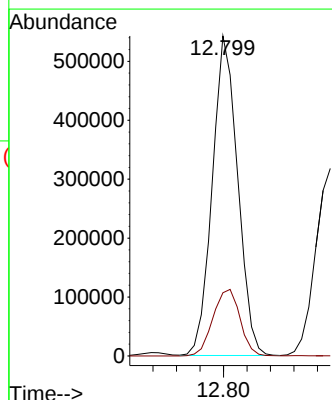
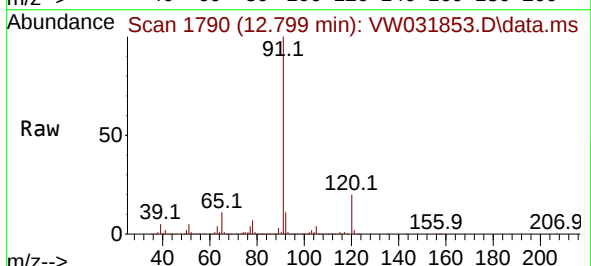
Acq: 14 Jul 2025 16:37

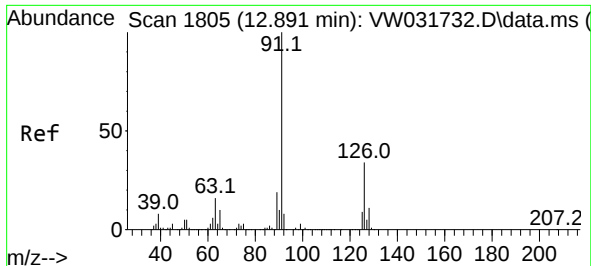
Tgt Ion: 91 Resp: 813177

Ion Ratio Lower Upper

91 100

120 22.2 11.5 34.4

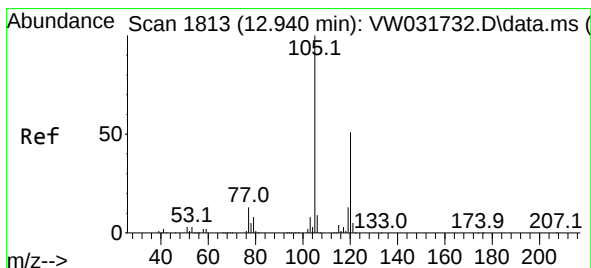
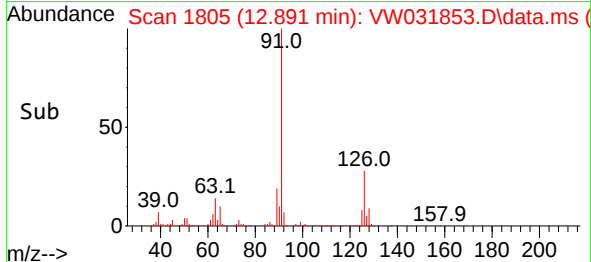
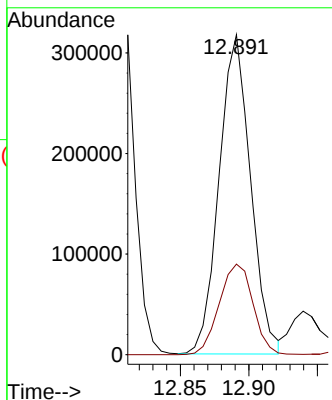
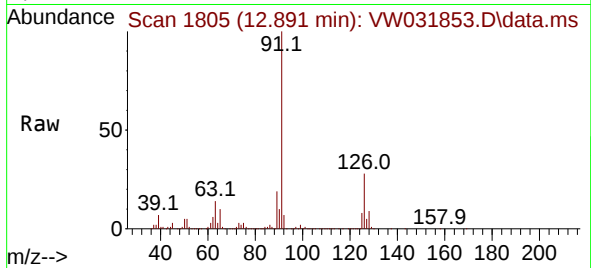




#79
2-Chlorotoluene
Concen: 50.606 ug/l
RT: 12.891 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

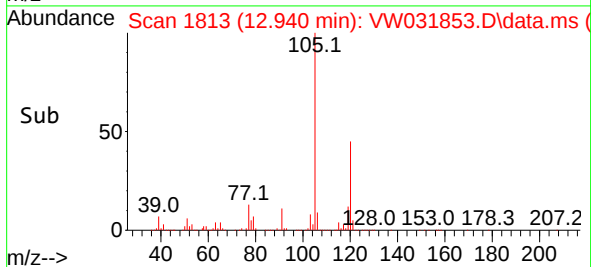
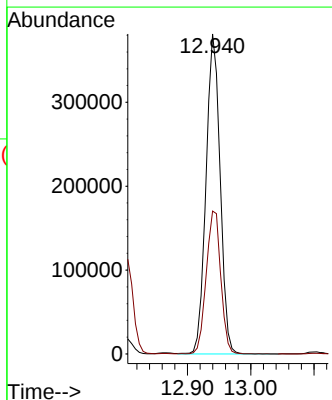
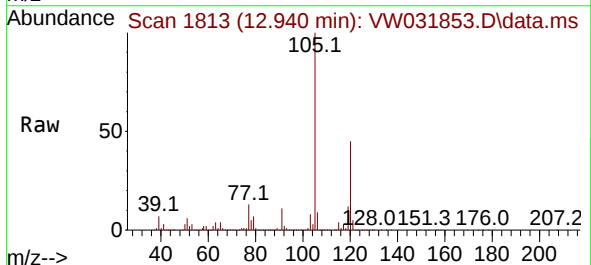
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

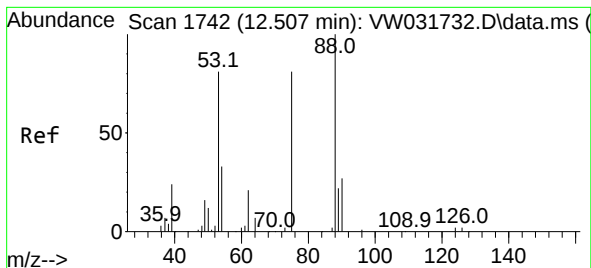
Tgt Ion: 91 Resp: 506996
Ion Ratio Lower Upper
91 100
126 30.5 15.8 47.4



#80
1,3,5-Trimethylbenzene
Concen: 51.462 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

Tgt Ion: 105 Resp: 591840
Ion Ratio Lower Upper
105 100
120 46.2 23.8 71.2

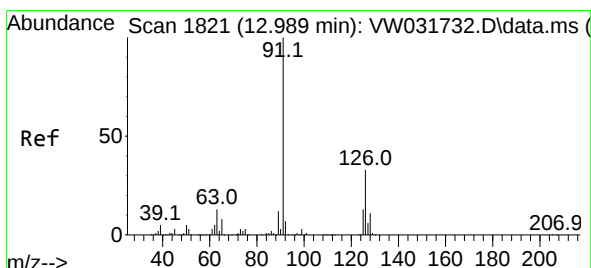
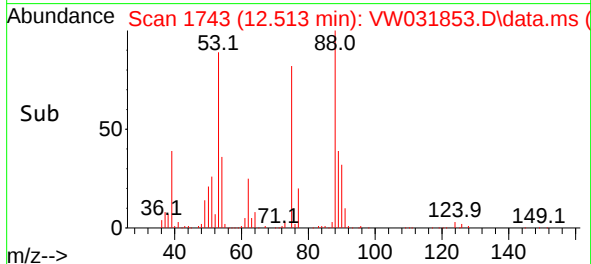
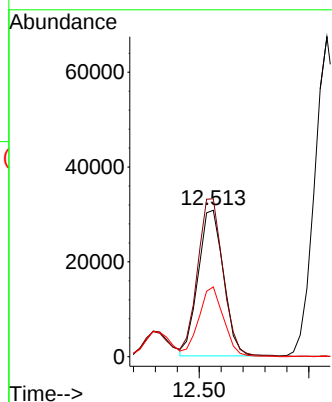
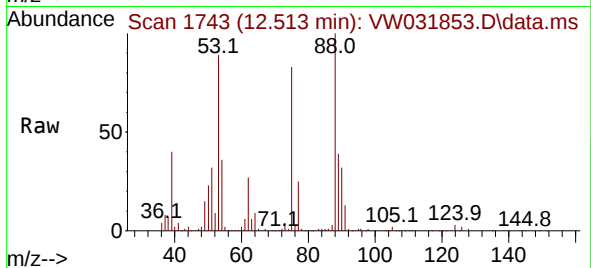




#81
trans-1,4-Dichloro-2-butene
Concen: 48.937 ug/l
RT: 12.513 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

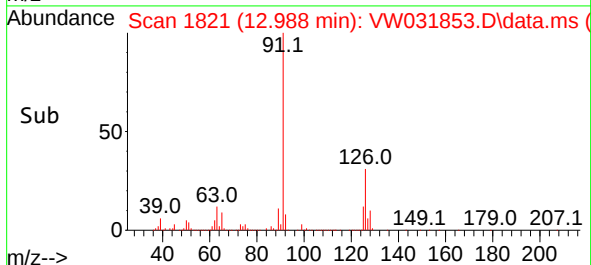
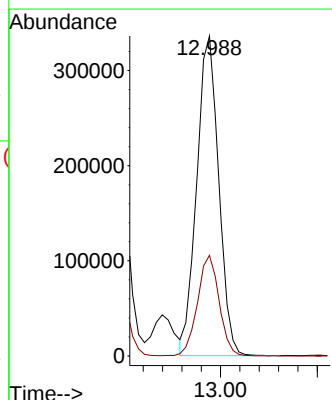
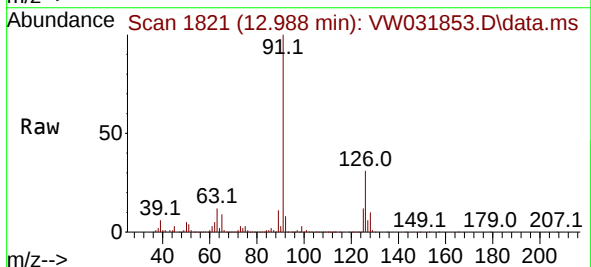
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

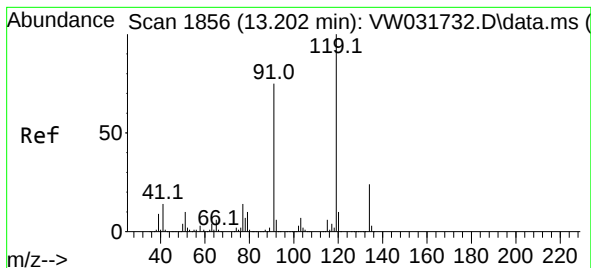
Tgt Ion: 75 Resp: 49593
Ion Ratio Lower Upper
75 100
53 108.8 83.5 125.3
89 47.0 38.3 57.5



#82
4-Chlorotoluene
Concen: 50.384 ug/l
RT: 12.988 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

Tgt Ion: 91 Resp: 529953
Ion Ratio Lower Upper
91 100
126 31.2 16.0 47.9

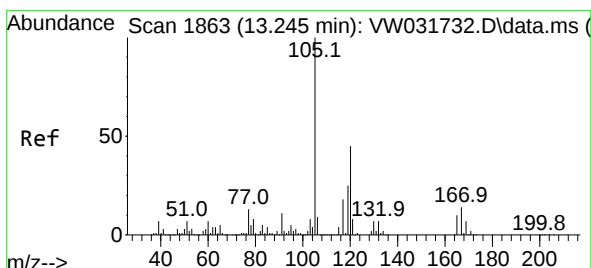
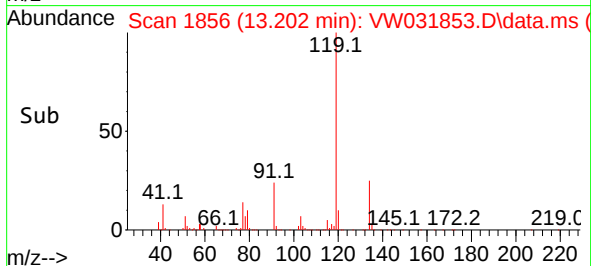
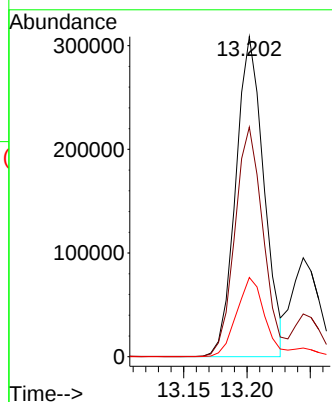
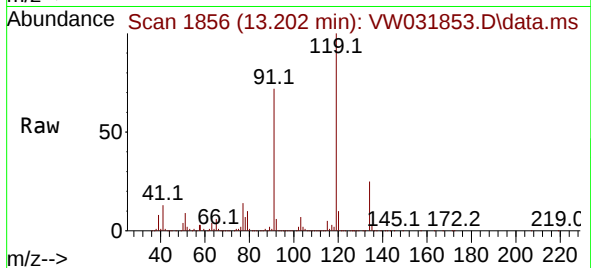




#83
tert-Butylbenzene
Concen: 48.545 ug/l
RT: 13.202 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

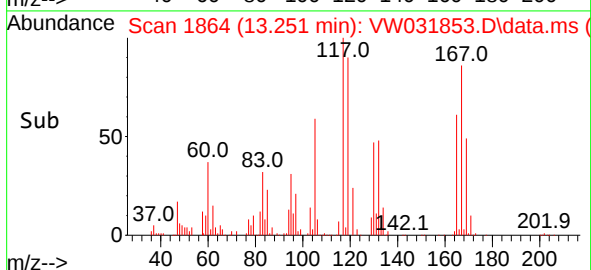
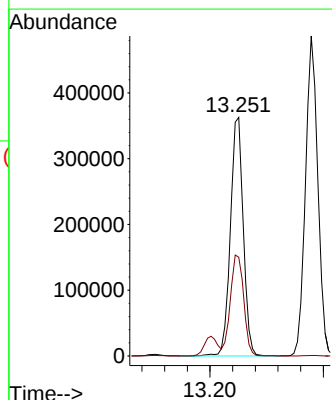
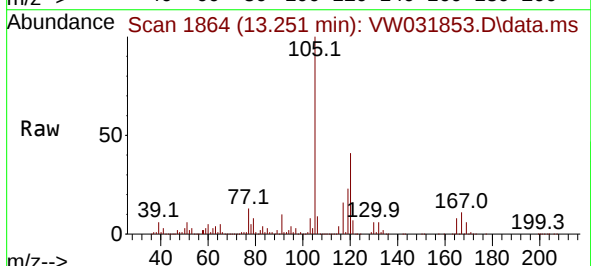
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 478225
Ion Ratio Lower Upper
119 100
91 72.5 36.0 108.1
134 24.7 12.4 37.2



#84
1,2,4-Trimethylbenzene
Concen: 48.966 ug/l
RT: 13.251 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VW031853.D
Acq: 14 Jul 2025 16:37

Tgt Ion:105 Resp: 570575
Ion Ratio Lower Upper
105 100
120 43.8 22.1 66.1





#85

sec-Butylbenzene

Concen: 49.732 ug/l

RT: 13.379 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VW031853.D

Acq: 14 Jul 2025 16:37

Instrument :

MSVOA_W

ClientSampleId :

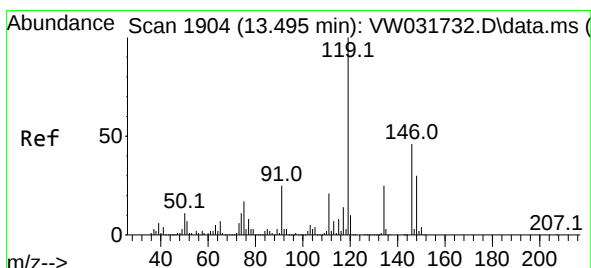
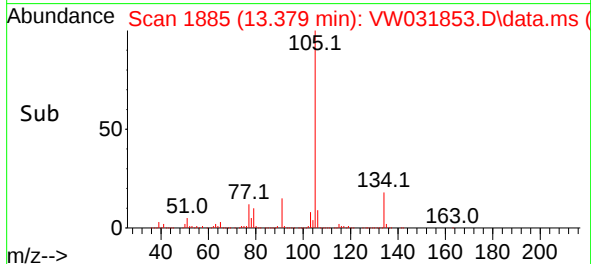
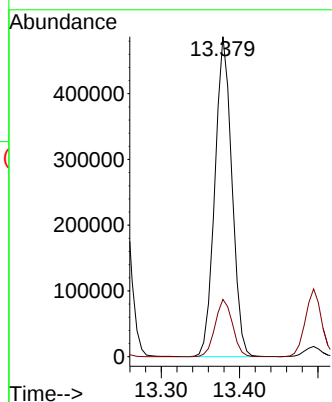
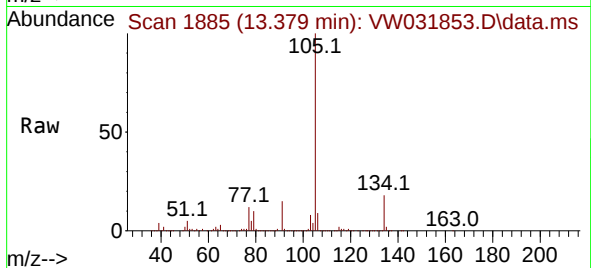
VSTDCCC050EC

Tgt Ion:105 Resp: 735351

Ion Ratio Lower Upper

105 100

134 18.3 9.6 28.8



#86

p-Isopropyltoluene

Concen: 49.837 ug/l

RT: 13.494 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW031853.D

Acq: 14 Jul 2025 16:37

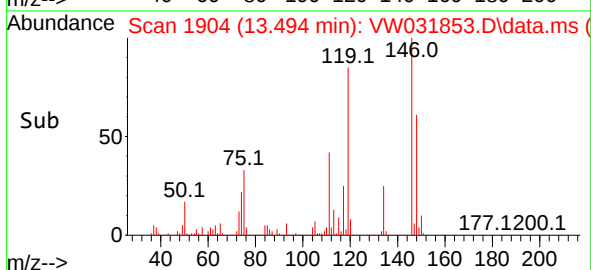
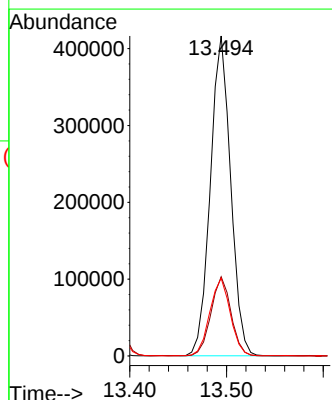
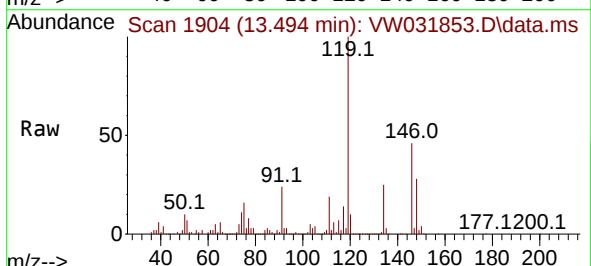
Tgt Ion:119 Resp: 607316

Ion Ratio Lower Upper

119 100

134 24.4 12.9 38.7

91 24.4 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 48.669 ug/l

RT: 13.494 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW031853.D

Acq: 14 Jul 2025 16:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

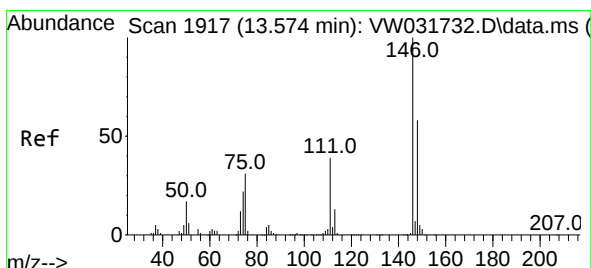
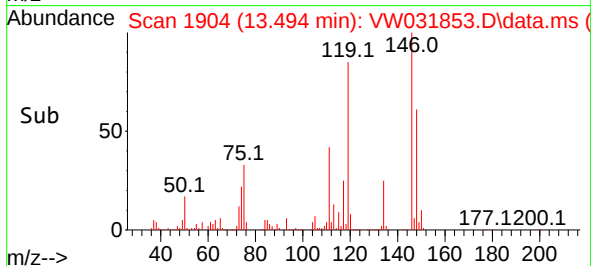
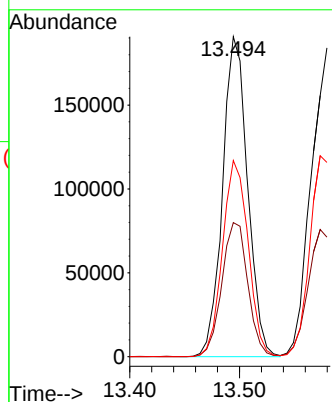
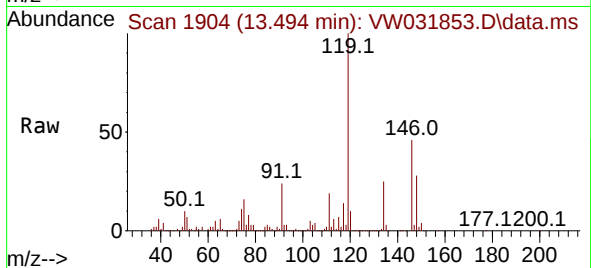
Tgt Ion:146 Resp: 302447

Ion Ratio Lower Upper

146 100

111 43.5 22.3 66.9

148 62.8 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 45.559 ug/l

RT: 13.580 min Scan# 1918

Delta R.T. 0.006 min

Lab File: VW031853.D

Acq: 14 Jul 2025 16:37

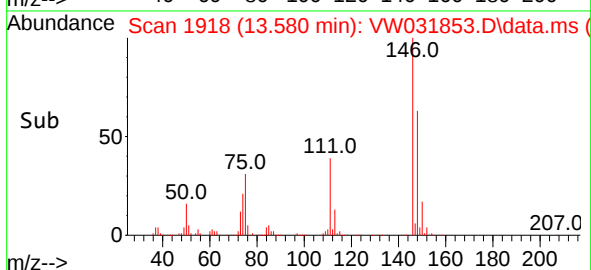
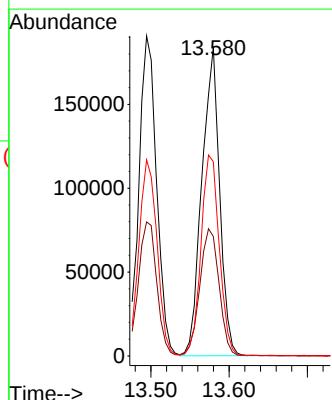
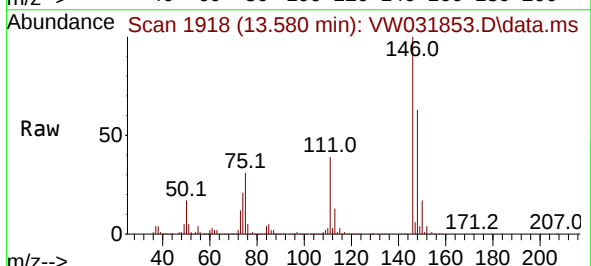
Tgt Ion:146 Resp: 289785

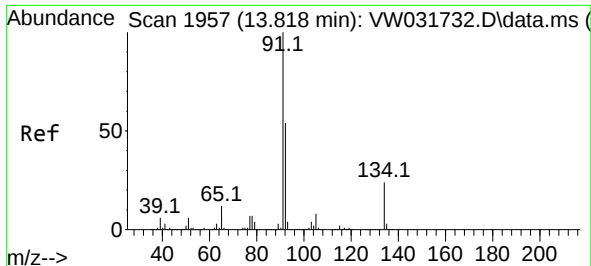
Ion Ratio Lower Upper

146 100

111 44.5 20.4 61.3

148 67.0 30.2 90.6





#89

n-Butylbenzene

Concen: 49.104 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW031853.D

Acq: 14 Jul 2025 16:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

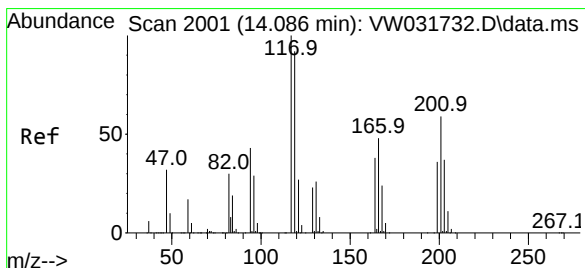
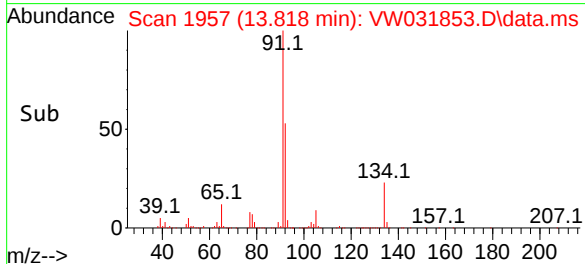
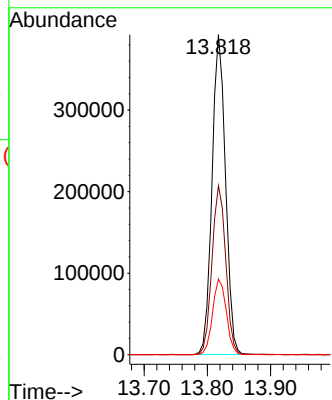
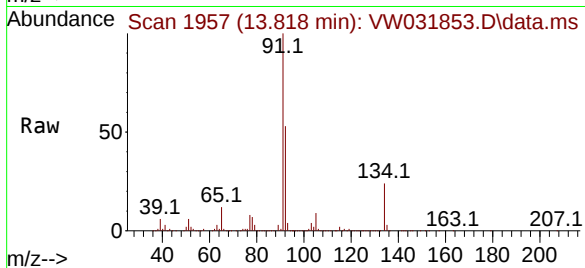
Tgt Ion: 91 Resp: 581390

Ion Ratio Lower Upper

91 100

92 54.0 27.2 81.5

134 24.1 12.2 36.6



#90

Hexachloroethane

Concen: 47.250 ug/l

RT: 14.086 min Scan# 2001

Delta R.T. -0.000 min

Lab File: VW031853.D

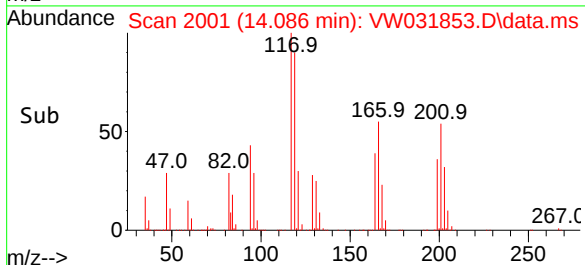
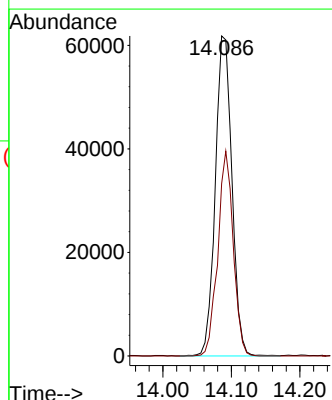
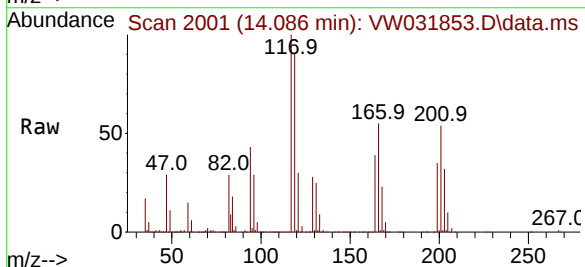
Acq: 14 Jul 2025 16:37

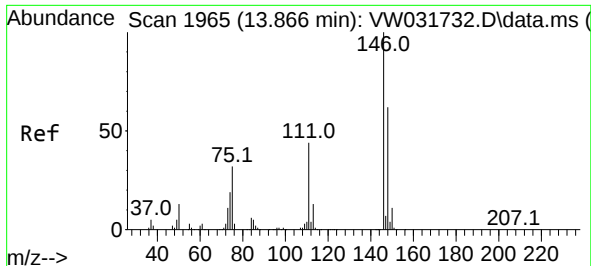
Tgt Ion: 117 Resp: 103878

Ion Ratio Lower Upper

117 100

201 59.4 31.1 93.3





#91

1,2-Dichlorobenzene

Concen: 48.468 ug/l

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW031853.D

Acq: 14 Jul 2025 16:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

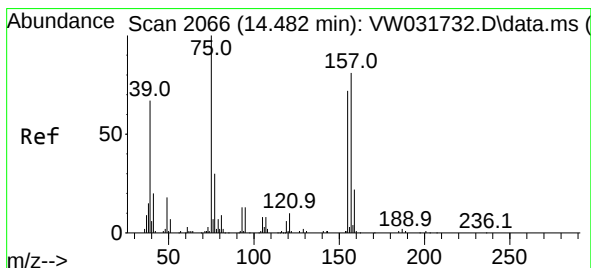
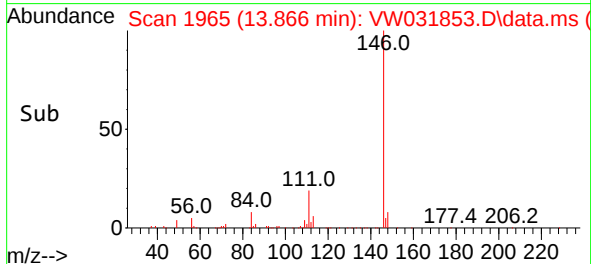
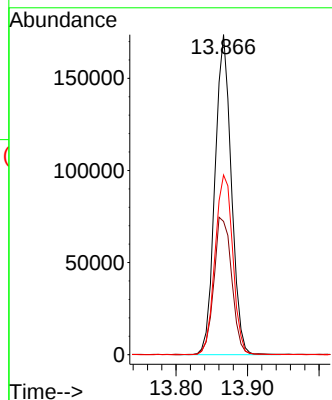
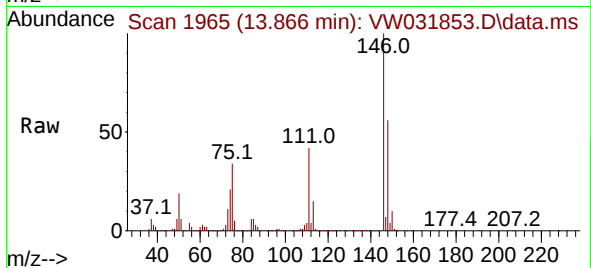
Tgt Ion:146 Resp: 275295

Ion Ratio Lower Upper

146 100

111 46.6 21.7 65.1

148 60.8 29.8 89.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.742 ug/l

RT: 14.482 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VW031853.D

Acq: 14 Jul 2025 16:37

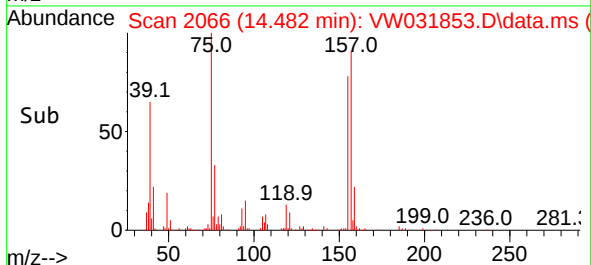
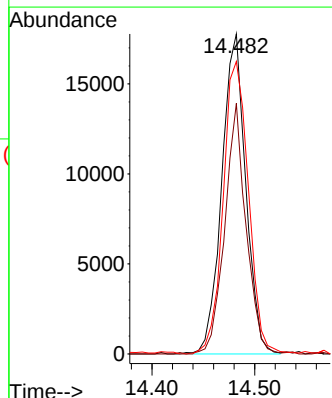
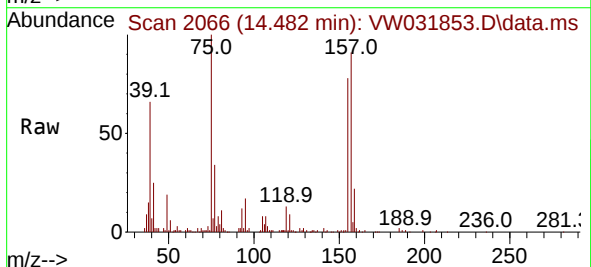
Tgt Ion: 75 Resp: 28754

Ion Ratio Lower Upper

75 100

155 69.9 37.2 111.6

157 96.4 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 49.778 ug/l

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW031853.D

Acq: 14 Jul 2025 16:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

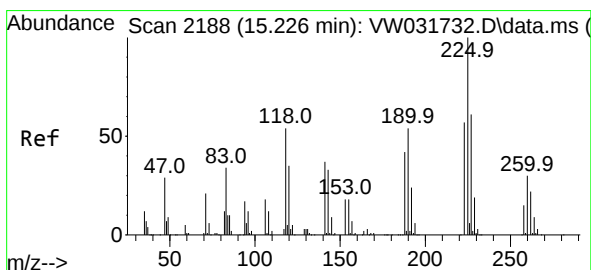
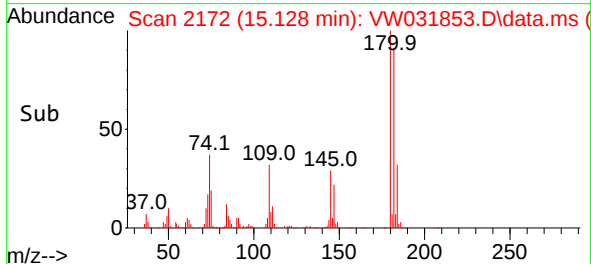
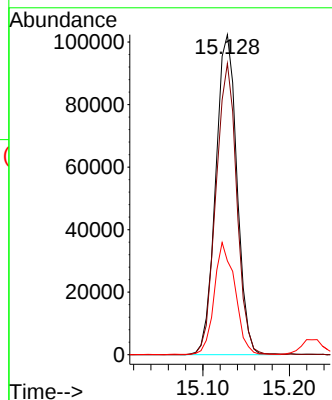
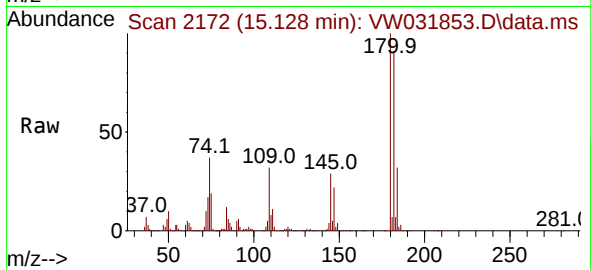
Tgt Ion:180 Resp: 174369

Ion Ratio Lower Upper

180 100

182 89.3 48.6 145.9

145 33.9 17.3 51.7



#94

Hexachlorobutadiene

Concen: 44.218 ug/l

RT: 15.232 min Scan# 2189

Delta R.T. 0.006 min

Lab File: VW031853.D

Acq: 14 Jul 2025 16:37

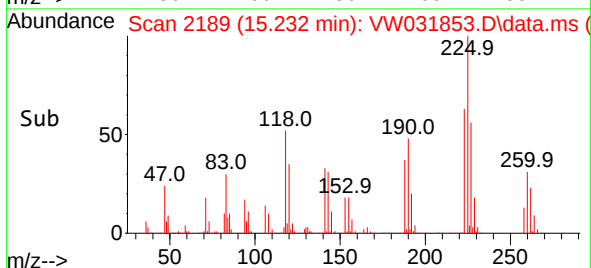
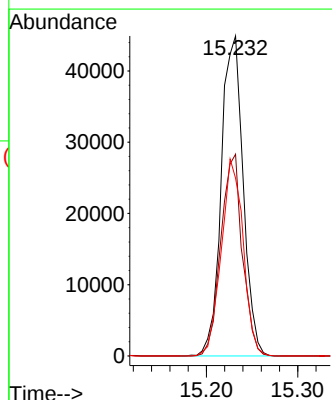
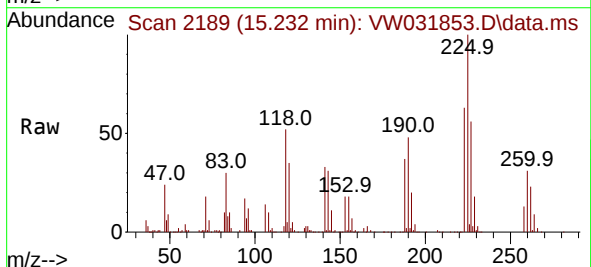
Tgt Ion:225 Resp: 74794

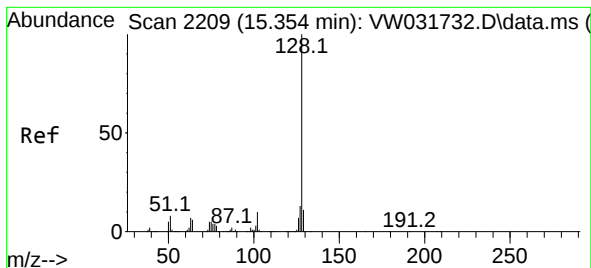
Ion Ratio Lower Upper

225 100

223 62.2 32.6 97.8

227 61.5 37.3 111.8





#95

Naphthalene

Concen: 53.647 ug/l

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031853.D

Acq: 14 Jul 2025 16:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

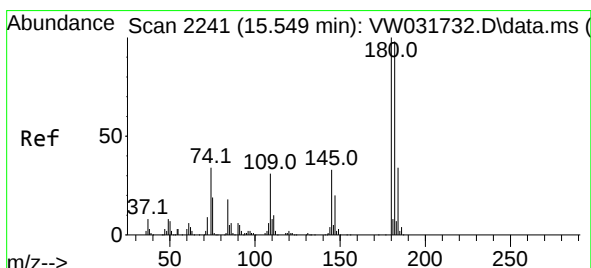
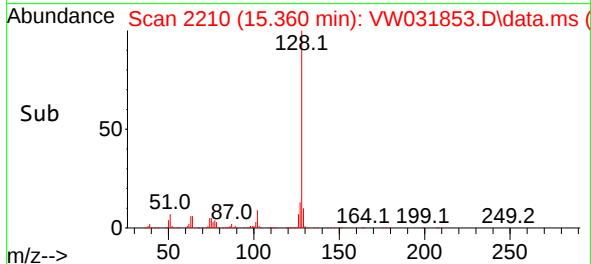
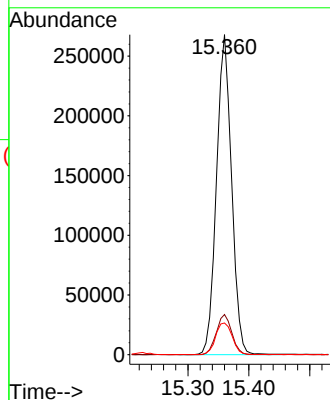
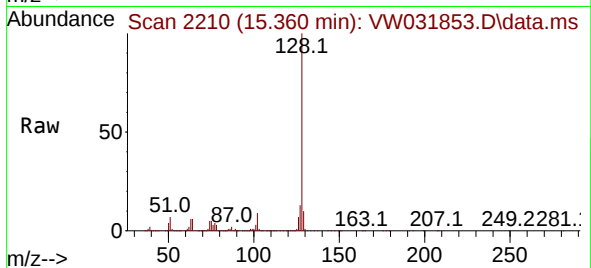
Tgt Ion:128 Resp: 460711

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 49.482 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW031853.D

Acq: 14 Jul 2025 16:37

Tgt Ion:180 Resp: 159265

Ion Ratio Lower Upper

180 100

182 93.1 46.4 139.1

145 37.2 17.8 53.3

