

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111524\
 Data File : VW031037.D
 Acq On : 15 Nov 2024 20:10
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 16 00:42:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Nov 16 00:35:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	294288	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	256228	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	115863	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	93418	19.355	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.400%
7) Chloroethane-d5	2.899	69	72793	19.664	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.640%
11) 1,1-Dichloroethene-d2	4.021	65	44513	22.350	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.400%
21) 2-Butanone-d5	7.075	46	50434	63.496	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.000%
24) Chloroform-d	7.654	84	218222	25.153	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	8.301	65	114526	26.550	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	8.270	84	429892	27.006	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.040%
36) 1,2-Dichloropropane-d6	9.270	67	128883	27.465	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.880%
41) Toluene-d8	10.319	98	361769	25.337	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.360%
43) trans-1,3-Dichloroprop...	10.575	79	52661	27.686	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.760%
47) 2-Hexanone-d5	10.922	63	41828	68.778	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.560%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	103637	31.700	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	126.800%#
66) 1,2-Dichlorobenzene-d4	13.855	152	111729	26.473	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	57466	18.332	ug/L	93
3) Chloromethane	2.223	50	82391	19.506	ug/L	98
5) Vinyl chloride	2.375	62	93186	18.615	ug/L	96
6) Bromomethane	2.790	94	67438	20.518	ug/L	95
8) Chloroethane	2.936	64	60543	19.950	ug/L	99
9) Trichlorofluoromethane	3.265	101	103978	22.760	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	103463	24.600	ug/L	91
12) 1,1-Dichloroethene	4.045	96	95317	25.058	ug/L	81
13) Acetone	4.119	43	55633	57.348	ug/L	93
14) Carbon disulfide	4.387	76	290721	23.249	ug/L	98
15) Methyl Acetate	4.673	43	47852	33.629	ug/L	99
16) Methylene chloride	4.923	84	120333	28.923	ug/L	91
17) trans-1,2-Dichloroethene	5.423	96	109418	26.220	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	188650	33.494	ug/L	97
19) 1,1-Dichloroethane	6.222	63	205168	26.347	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	124923	28.219	ug/L	96
22) 2-Butanone	7.167	43	70284	64.695	ug/L	98
23) Bromochloromethane	7.508	128	58847	30.353	ug/L	93
25) Chloroform	7.673	83	219166	26.749	ug/L	99

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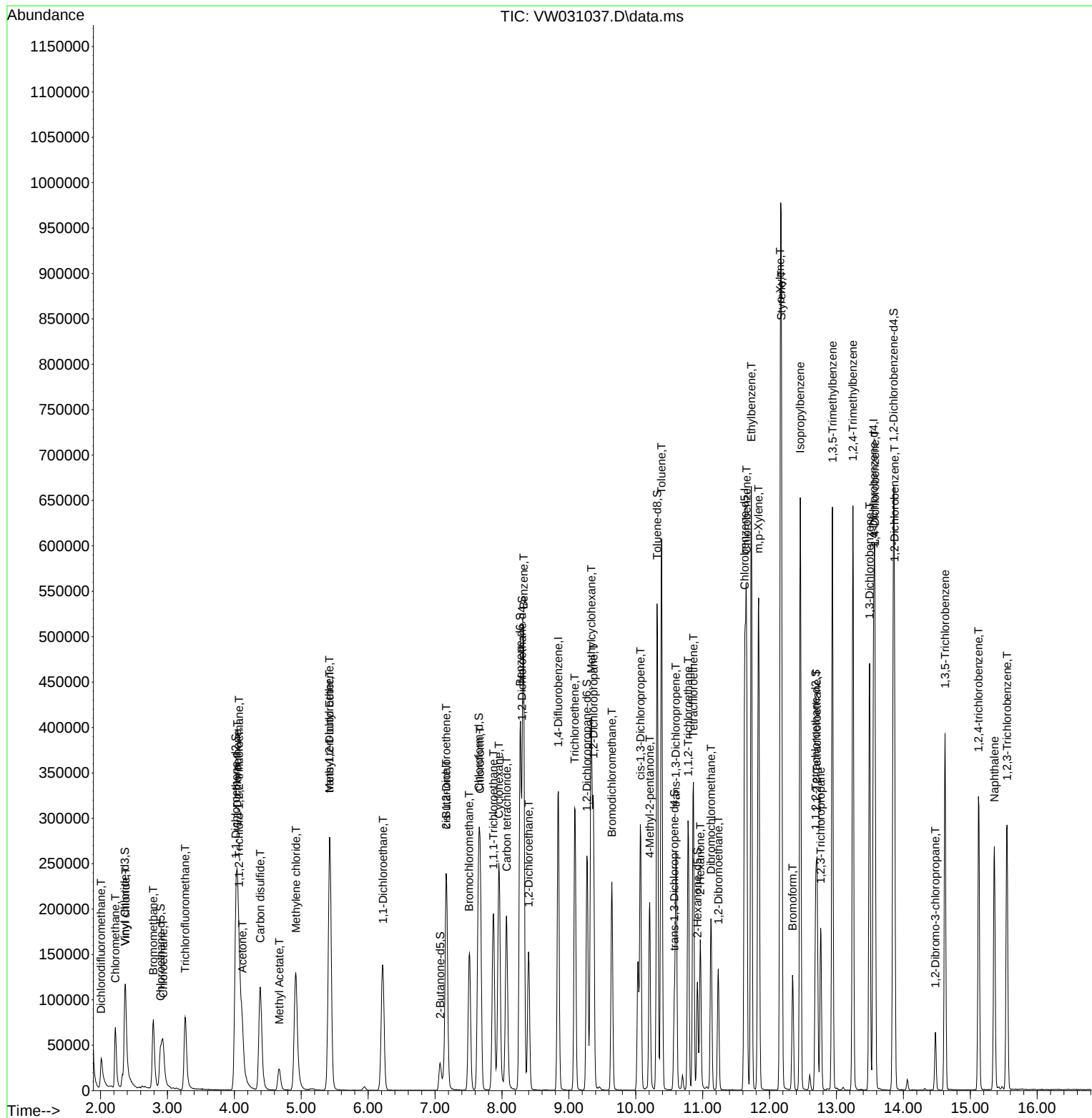
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	139576	27.353	ug/L #	94
29) Cyclohexane	7.953	56	144308	23.502	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	167424	25.437	ug/L	97
31) Carbon tetrachloride	8.069	117	146789	24.819	ug/L	99
33) Benzene	8.325	78	463163	28.045	ug/L	100
34) Trichloroethene	9.087	95	113330	24.885	ug/L	90
35) Methylcyclohexane	9.337	83	172535	23.904	ug/L	96
37) 1,2-Dichloropropane	9.368	63	119773	29.019	ug/L	99
38) Bromodichloromethane	9.642	83	155816	28.746	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	182919	29.626	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	133221	70.578	ug/L	98
42) Toluene	10.386	91	467033	26.705	ug/L	98
44) trans-1,3-Dichloropropene	10.599	75	151053	29.448	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	96832	32.685	ug/L	97
46) Tetrachloroethene	10.861	164	80575	23.144	ug/L	93
48) 2-Hexanone	10.965	43	98780	68.785	ug/L	94
49) Dibromochloromethane	11.123	129	103895	32.164	ug/L	91
50) 1,2-Dibromoethane	11.233	107	89189	32.645	ug/L #	93
51) Chlorobenzene	11.654	112	296404	26.482	ug/L	98
52) Ethylbenzene	11.727	91	466063	23.585	ug/L	99
53) m,p-Xylene	11.837	106	183034	24.628	ug/L	92
54) o-Xylene	12.160	106	176415	25.797	ug/L	99
55) Styrene	12.178	104	318271	27.239	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	112075	34.664	ug/L	97
59) Bromoform	12.343	173	59094	35.719	ug/L	97
60) Isopropylbenzene	12.459	105	433212	24.512	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	78425	36.104	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	345735	24.846	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	343378	25.339	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	203474	26.220	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	208503	26.171	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	199186	28.799	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	16651	36.207	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	125943	24.457	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	104685	25.601	ug/L	97
71) Naphthalene	15.360	128	237446	35.821	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	104479	29.648	ug/L	99

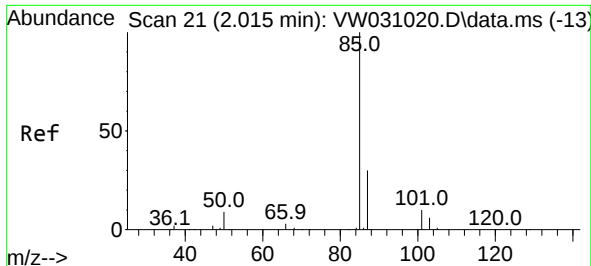
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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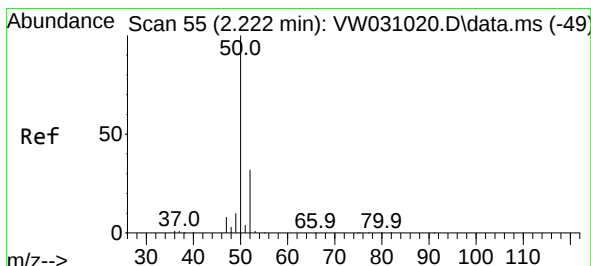
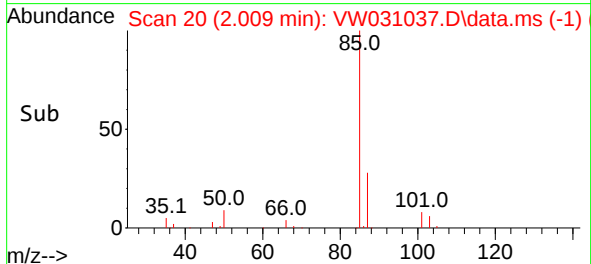
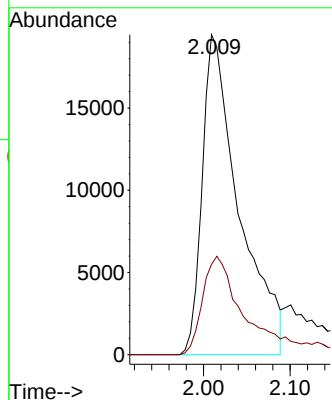
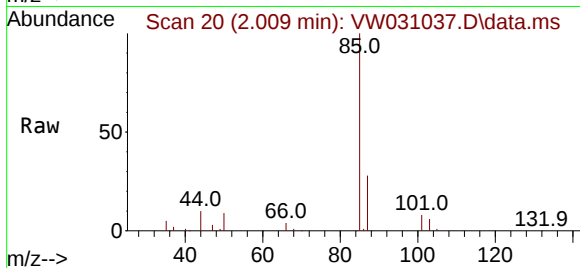




#2
 Dichlorodifluoromethane
 Concen: 18.332 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VW031037.D
 Acq: 15 Nov 2024 20:10

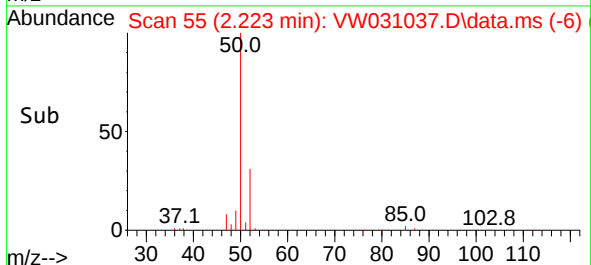
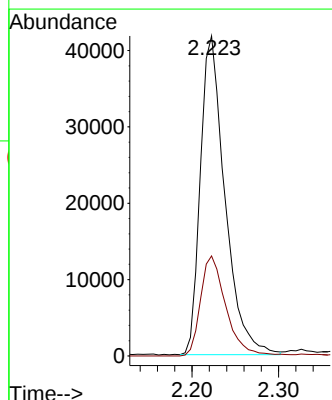
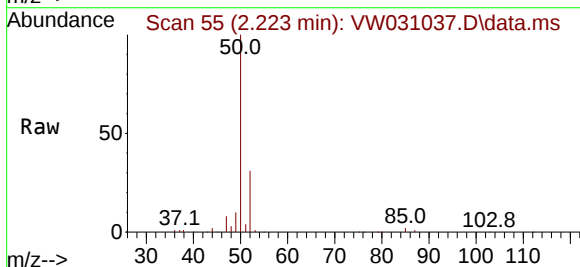
Instrument :
 MSVOA_W
 ClientSampleId :

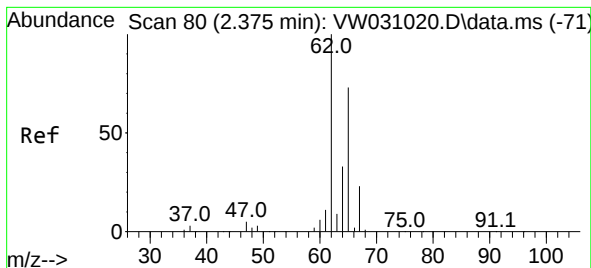
Tgt Ion: 85 Resp: 57466
 Ion Ratio Lower Upper
 85 100
 87 34.3 24.2 36.4



#3
 Chloromethane
 Concen: 19.506 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW031037.D
 Acq: 15 Nov 2024 20:10

Tgt Ion: 50 Resp: 82391
 Ion Ratio Lower Upper
 50 100
 52 31.3 22.5 41.9





#5

Vinyl chloride

Concen: 18.615 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW031037.D

Acq: 15 Nov 2024 20:10

Instrument :

MSVOA_W

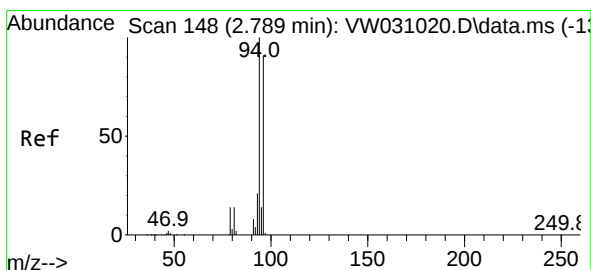
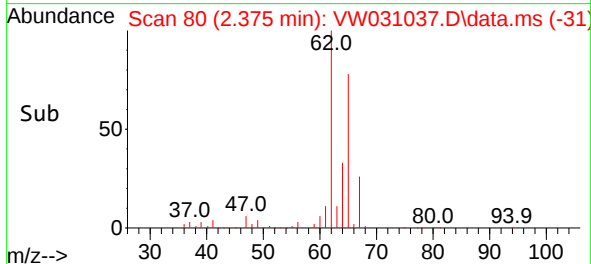
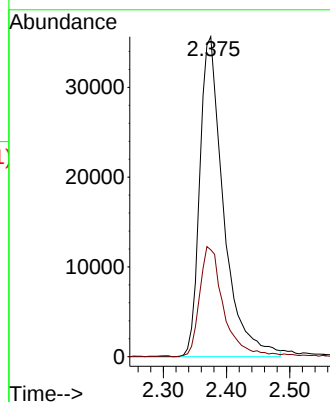
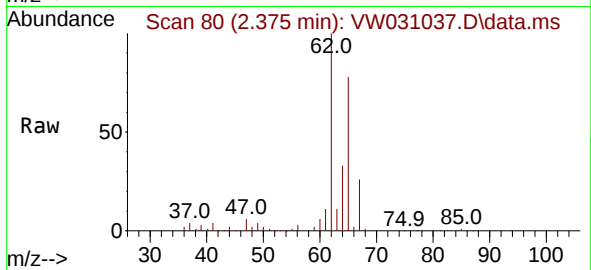
ClientSampleId :

Tgt Ion: 62 Resp: 93186

Ion Ratio Lower Upper

62 100

64 33.4 21.7 40.3



#6

Bromomethane

Concen: 20.518 ug/L

RT: 2.790 min Scan# 148

Delta R.T. 0.000 min

Lab File: VW031037.D

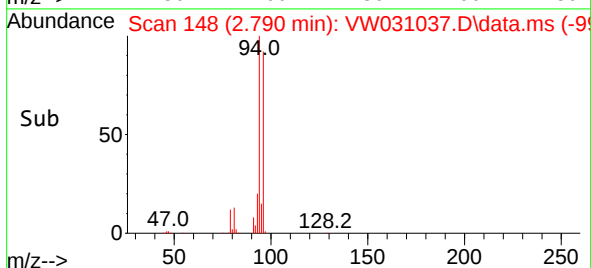
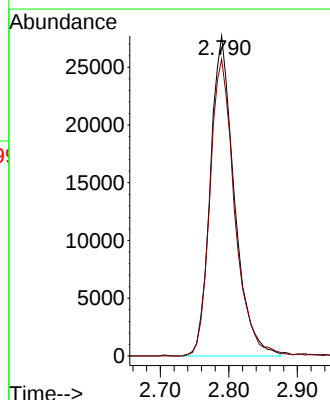
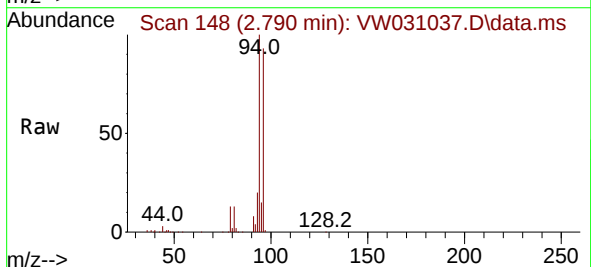
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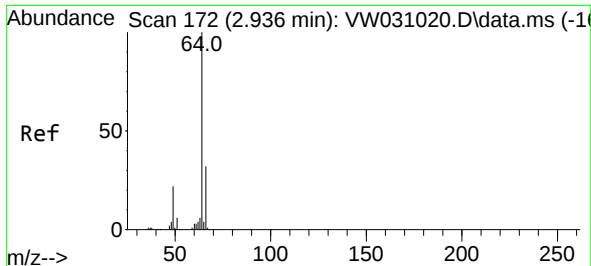
Tgt Ion: 94 Resp: 67438

Ion Ratio Lower Upper

94 100

96 92.8 61.6 114.4

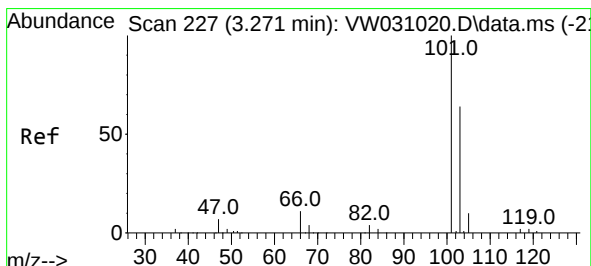
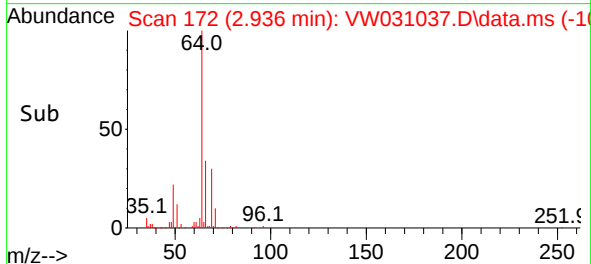
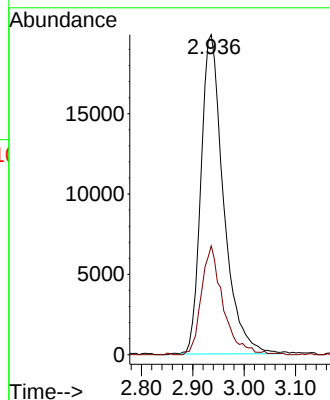
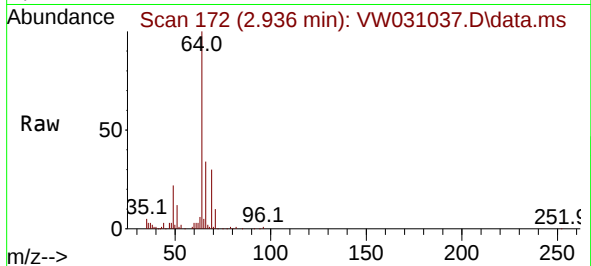




#8
Chloroethane
Concen: 19.950 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031037.D
Acq: 15 Nov 2024 20:10

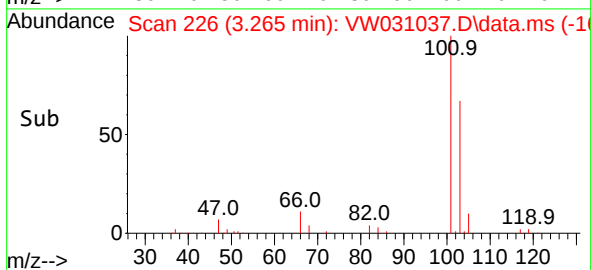
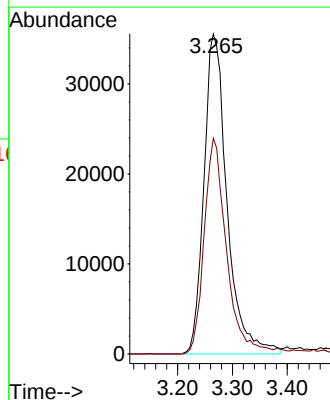
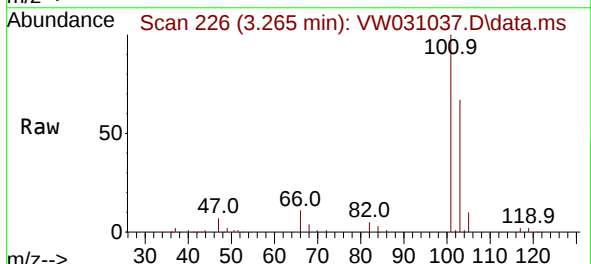
Instrument :
MSVOA_W
ClientSampleId :

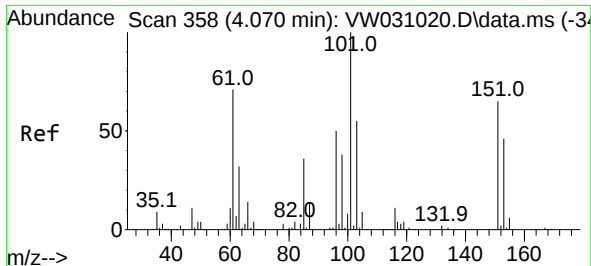
Tgt Ion: 64 Resp: 60543
Ion Ratio Lower Upper
64 100
66 34.0 23.5 43.7



#9
Trichlorofluoromethane
Concen: 22.760 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW031037.D
Acq: 15 Nov 2024 20:10

Tgt Ion:101 Resp: 103978
Ion Ratio Lower Upper
101 100
103 64.9 51.8 77.6

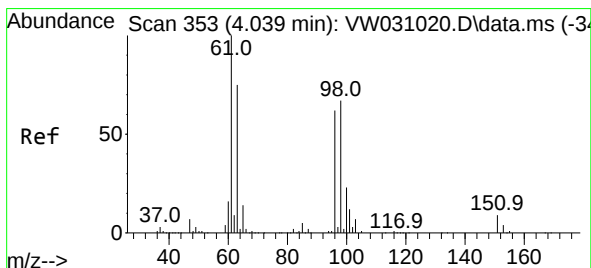
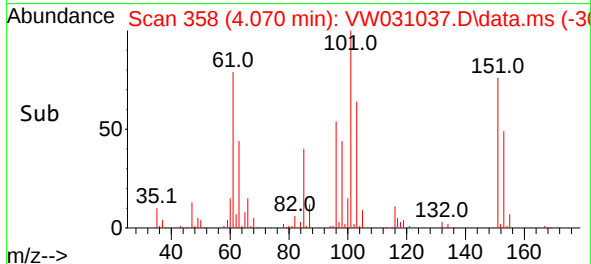
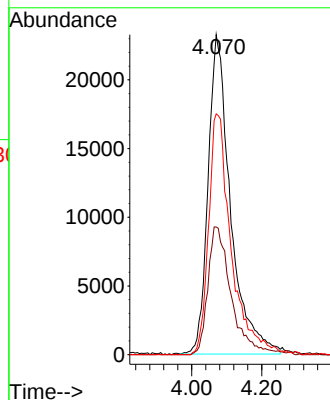
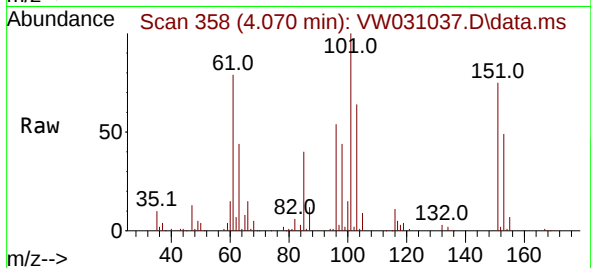




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.600 ug/L
RT: 4.070 min Scan# 358
Delta R.T. 0.000 min
Lab File: VW031037.D
Acq: 15 Nov 2024 20:10

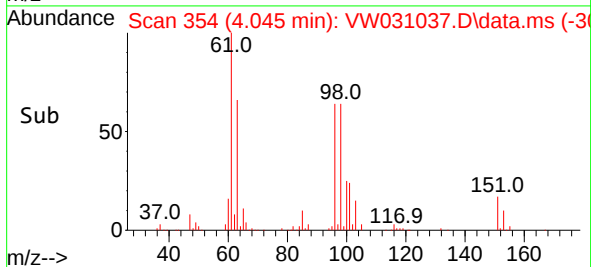
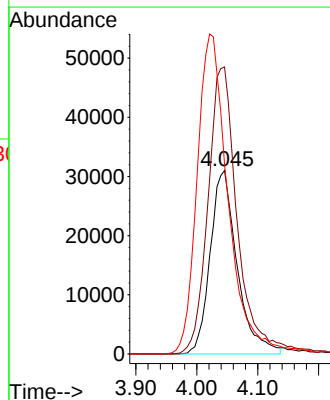
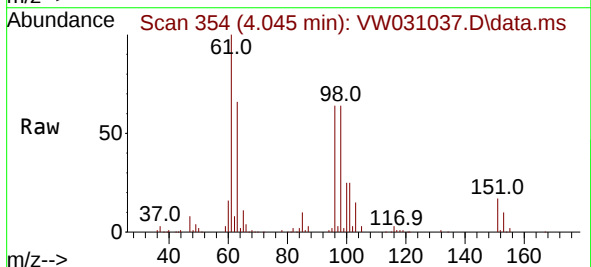
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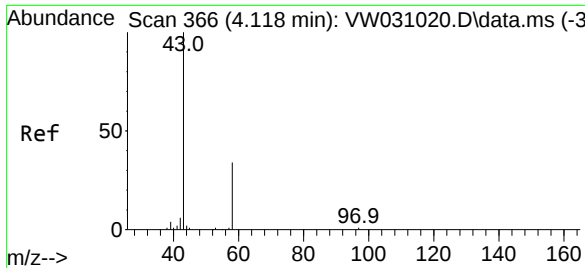
Tgt Ion:101 Resp: 103463
Ion Ratio Lower Upper
101 100
85 36.3 32.9 49.3
151 71.4 51.0 76.6



#12
1,1-Dichloroethene
Concen: 25.058 ug/L
RT: 4.045 min Scan# 354
Delta R.T. 0.006 min
Lab File: VW031037.D
Acq: 15 Nov 2024 20:10

Tgt Ion: 96 Resp: 95317
Ion Ratio Lower Upper
96 100
61 156.5 118.9 220.7
63 103.6 97.8 181.6

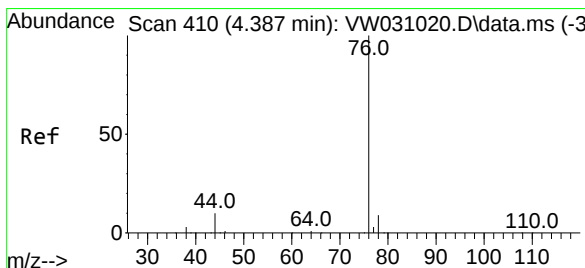
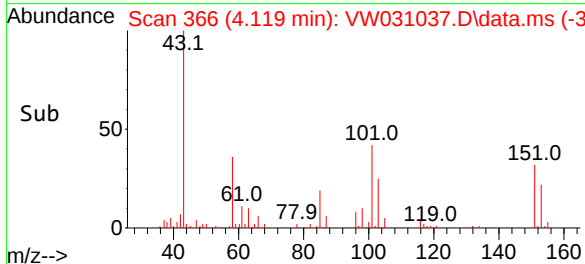
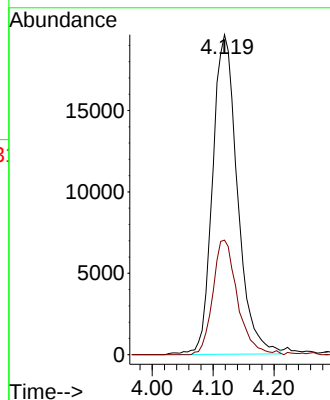
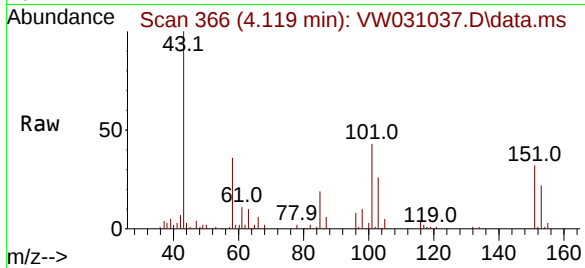




#13
Acetone
Concen: 57.348 ug/L
RT: 4.119 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW031037.D
Acq: 15 Nov 2024 20:10

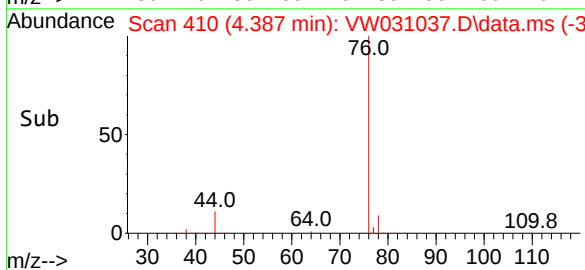
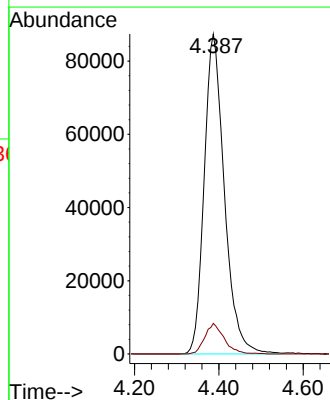
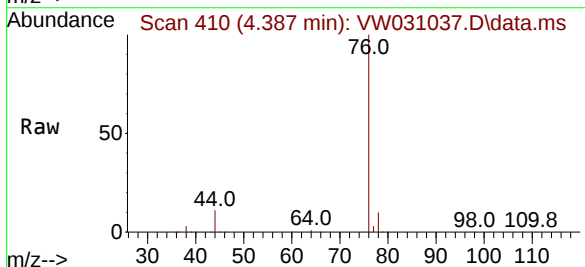
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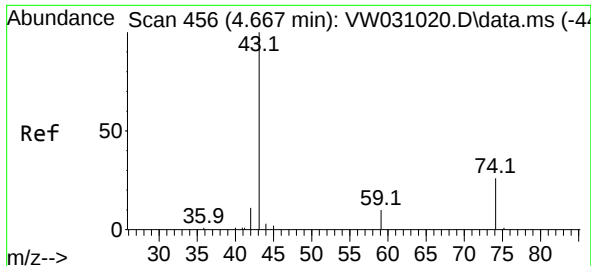
Tgt Ion: 43 Resp: 55633
Ion Ratio Lower Upper
43 100
58 35.3 0.0 62.6



#14
Carbon disulfide
Concen: 23.249 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW031037.D
Acq: 15 Nov 2024 20:10

Tgt Ion: 76 Resp: 290721
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7

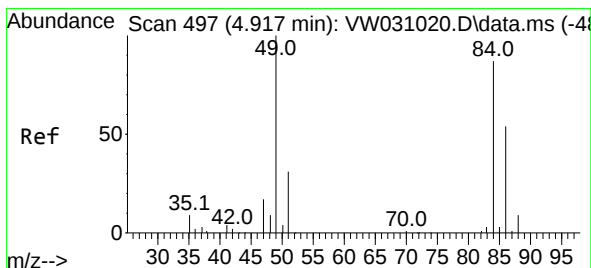
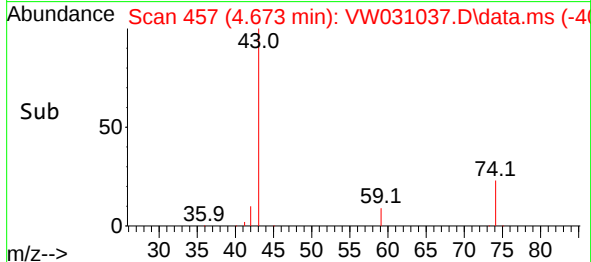
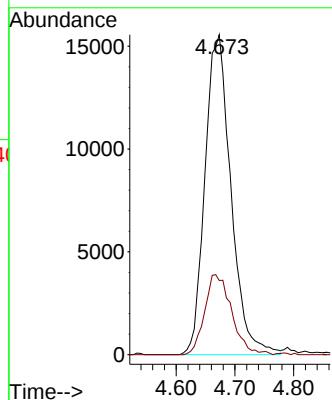
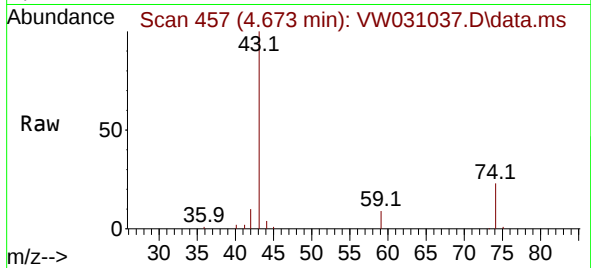




#15
Methyl Acetate
Concen: 33.629 ug/L
RT: 4.673 min Scan# 4
Delta R.T. 0.006 min
Lab File: VW031037.D
Acq: 15 Nov 2024 20:10

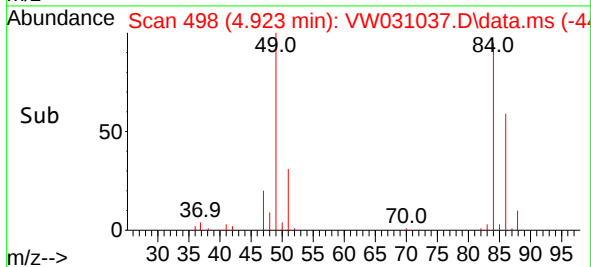
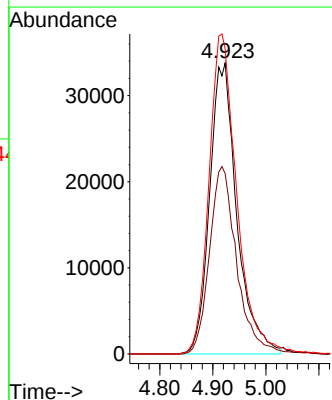
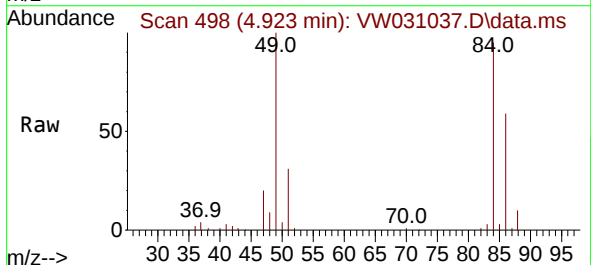
Instrument :
MSVOA_W
ClientSampleId :

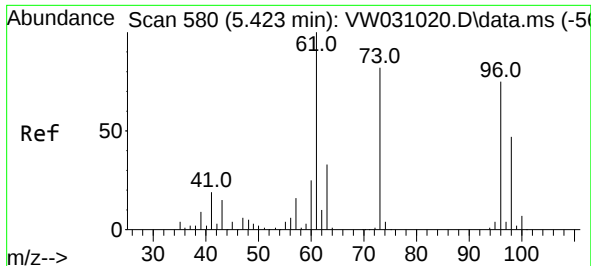
Tgt Ion: 43 Resp: 47852
Ion Ratio Lower Upper
43 100
74 25.7 20.2 30.2



#16
Methylene chloride
Concen: 28.923 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW031037.D
Acq: 15 Nov 2024 20:10

Tgt Ion: 84 Resp: 120333
Ion Ratio Lower Upper
84 100
86 61.9 41.8 77.6
49 104.9 82.8 153.8

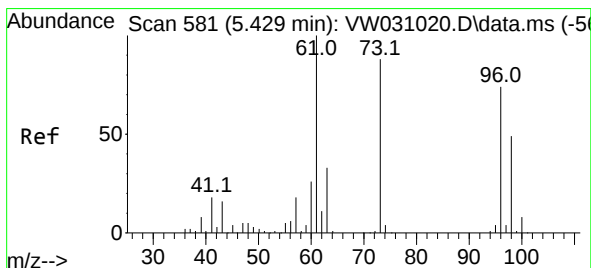
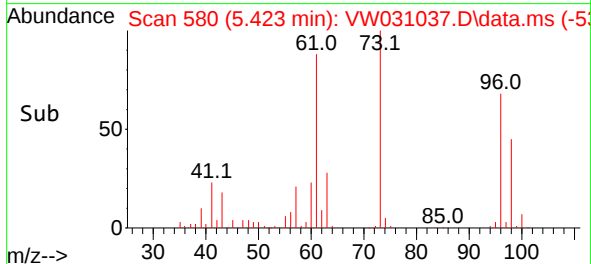
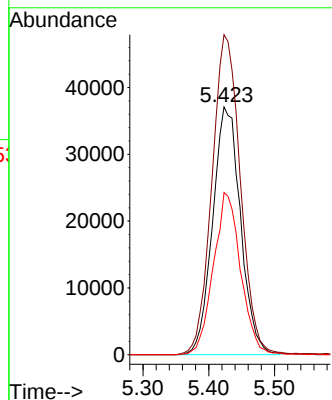
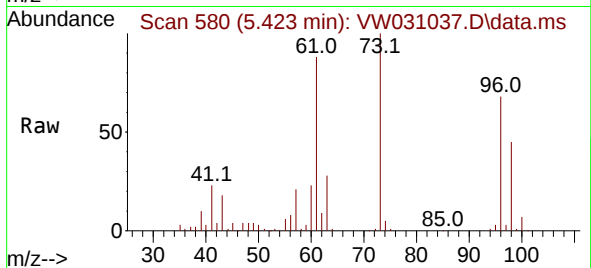




#17
trans-1,2-Dichloroethene
Concen: 26.220 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW031037.D
Acq: 15 Nov 2024 20:10

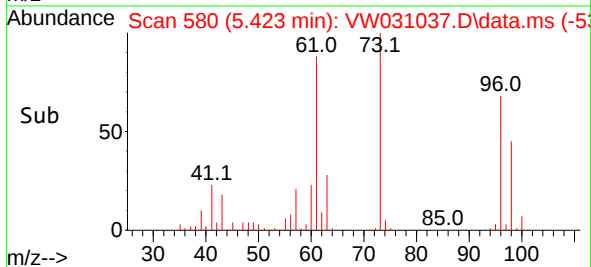
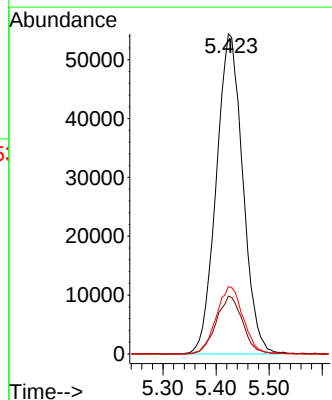
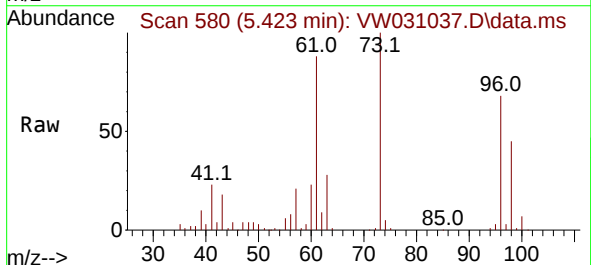
Instrument :
MSVOA_W
ClientSampleId :

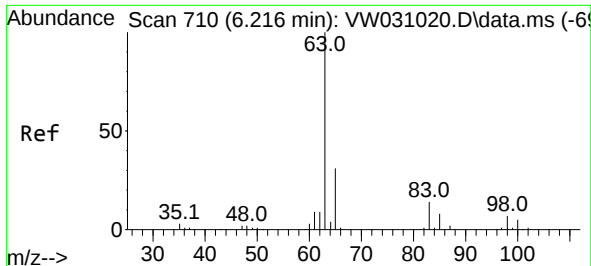
Tgt Ion: 96 Resp: 109418
Ion Ratio Lower Upper
96 100
61 129.2 95.2 176.8
98 65.5 42.6 79.2



#18
Methyl tert-butyl Ether
Concen: 33.494 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW031037.D
Acq: 15 Nov 2024 20:10

Tgt Ion: 73 Resp: 188650
Ion Ratio Lower Upper
73 100
43 17.9 16.2 24.2
57 21.4 17.3 25.9

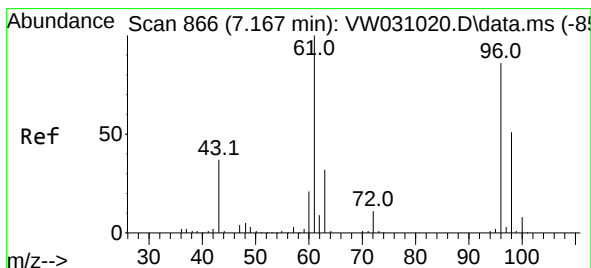
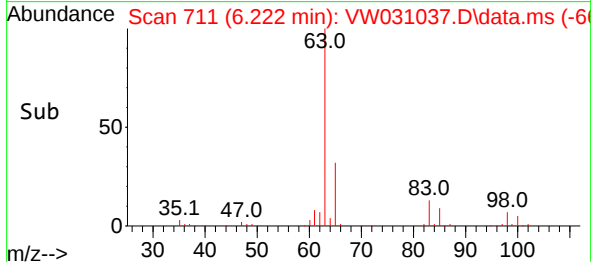
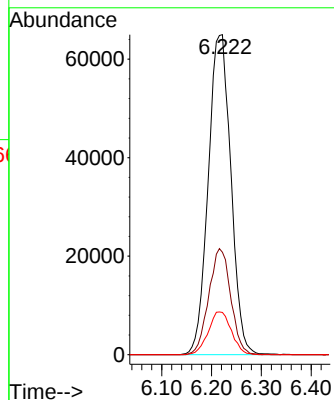
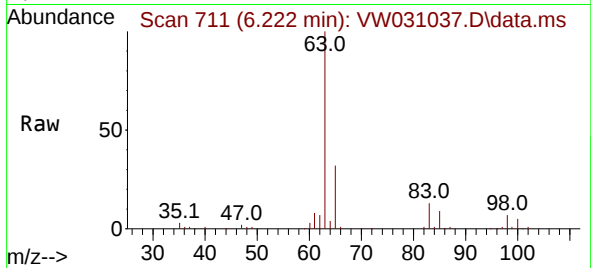




#19
 1,1-Dichloroethane
 Concen: 26.347 ug/L
 RT: 6.222 min Scan# 711
 Delta R.T. 0.006 min
 Lab File: VW031037.D
 Acq: 15 Nov 2024 20:10

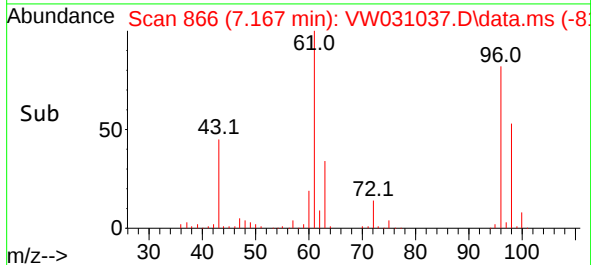
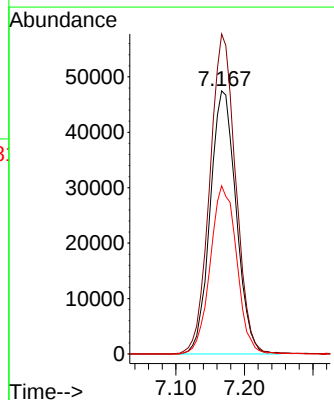
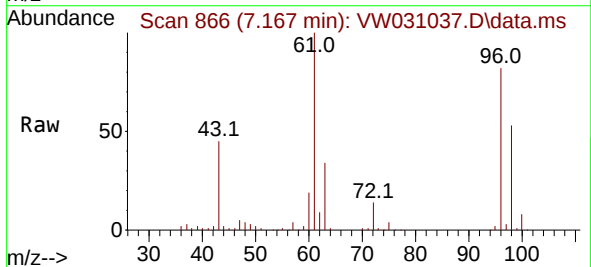
Instrument :
 MSVOA_W
 ClientSampleId :

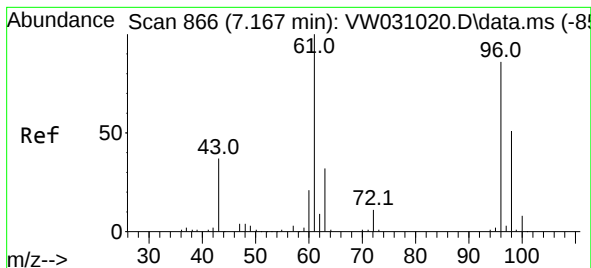
Tgt Ion: 63 Resp: 205168
 Ion Ratio Lower Upper
 63 100
 65 32.0 23.0 42.8
 83 13.2 9.8 18.2



#20
 cis-1,2-Dichloroethene
 Concen: 28.219 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. 0.000 min
 Lab File: VW031037.D
 Acq: 15 Nov 2024 20:10

Tgt Ion: 96 Resp: 124923
 Ion Ratio Lower Upper
 96 100
 61 121.6 89.2 165.8
 98 63.9 45.1 83.9





#22

2-Butanone

Concen: 64.695 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW031037.D

Acq: 15 Nov 2024 20:10

Instrument :

MSVOA_W

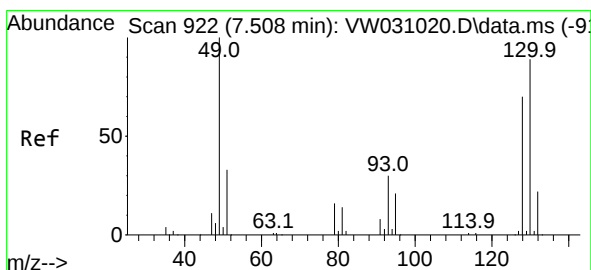
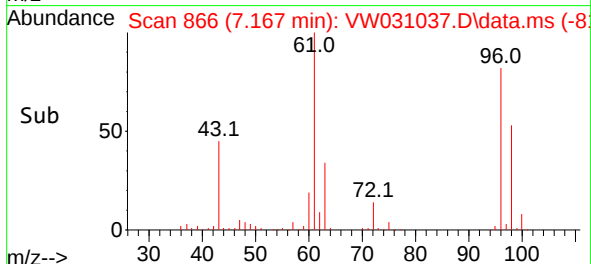
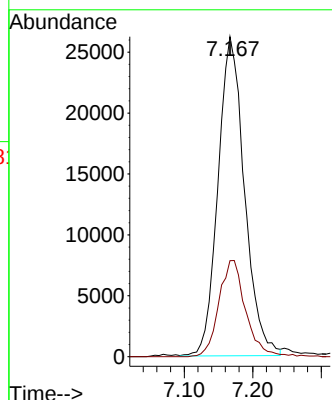
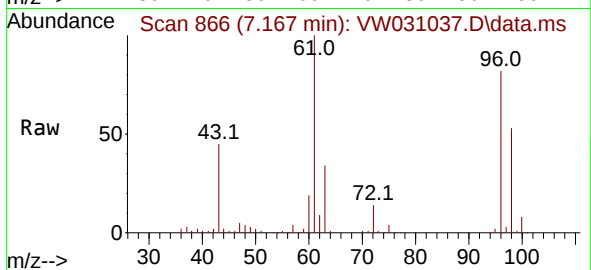
ClientSampleId :

Tgt Ion: 43 Resp: 70284

Ion Ratio Lower Upper

43 100

72 30.3 14.5 43.6



#23

Bromochloromethane

Concen: 30.353 ug/L

RT: 7.508 min Scan# 922

Delta R.T. 0.000 min

Lab File: VW031037.D

Acq: 15 Nov 2024 20:10

Tgt Ion:128 Resp: 58847

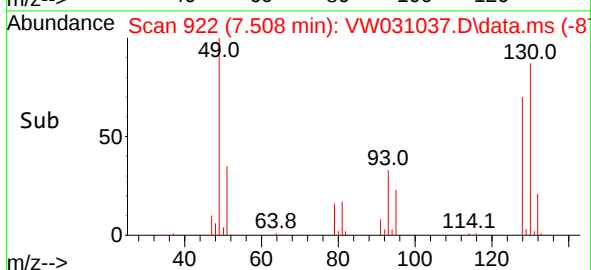
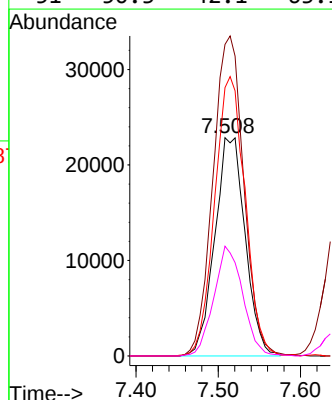
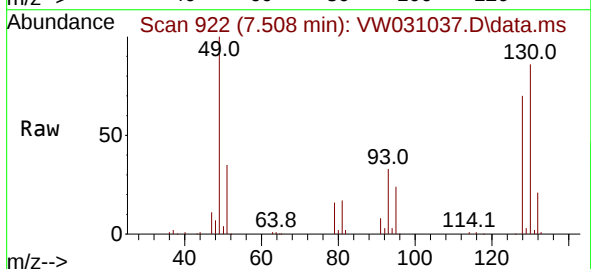
Ion Ratio Lower Upper

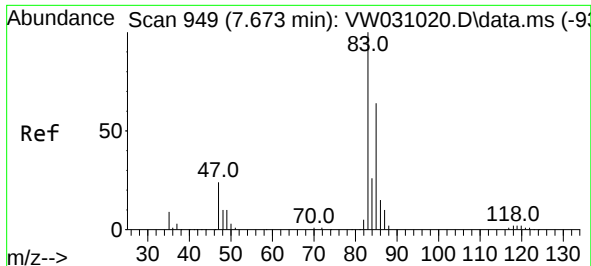
128 100

49 142.7 112.4 208.8

130 122.9 86.2 160.0

51 50.3 42.1 63.1

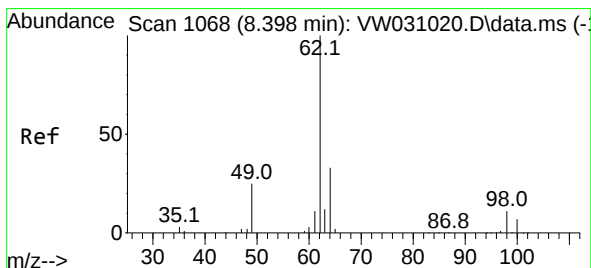
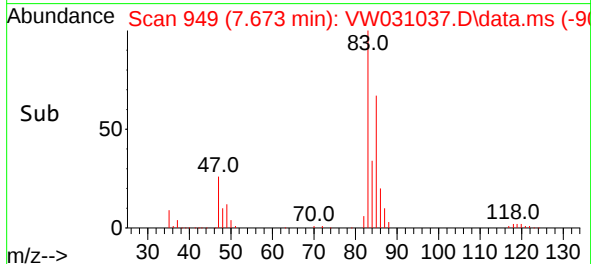
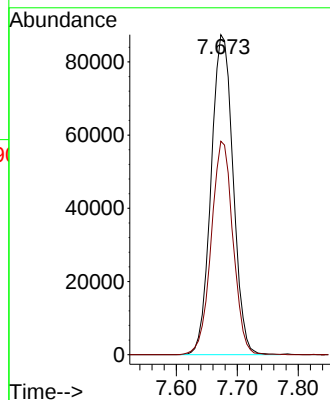
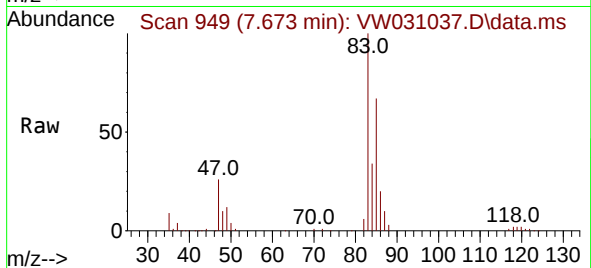




#25
Chloroform
Concen: 26.749 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW031037.D
Acq: 15 Nov 2024 20:10

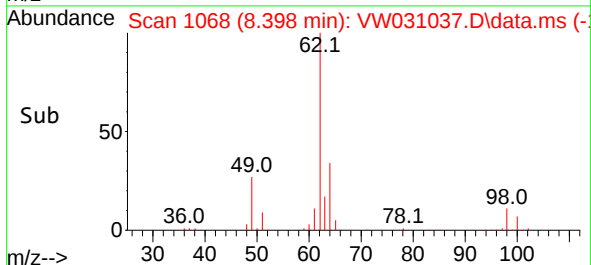
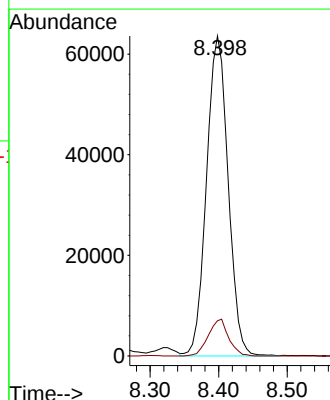
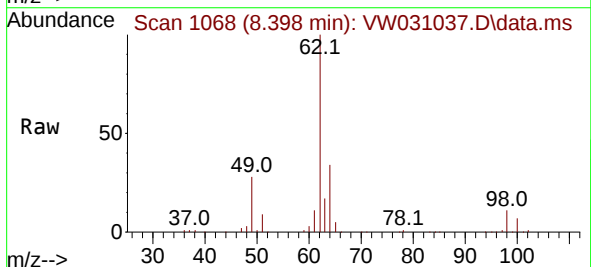
Instrument :
MSVOA_W
ClientSampleId :

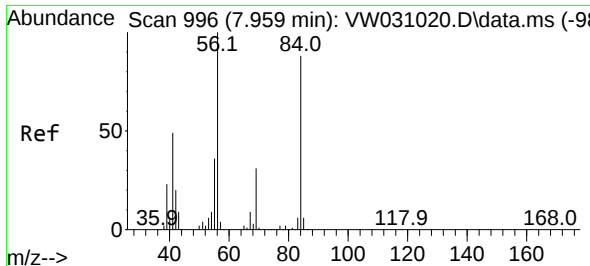
Tgt Ion: 83 Resp: 219166
Ion Ratio Lower Upper
83 100
85 66.7 47.2 87.6



#27
1,2-Dichloroethane
Concen: 27.353 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW031037.D
Acq: 15 Nov 2024 20:10

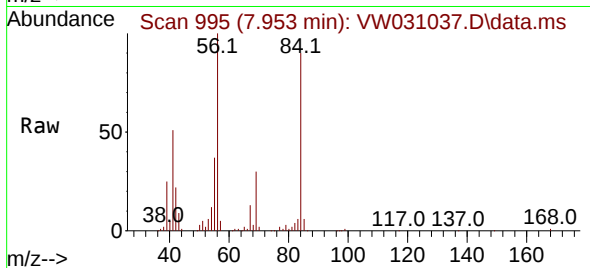
Tgt Ion: 62 Resp: 139576
Ion Ratio Lower Upper
62 100
98 11.0 7.1 10.7#



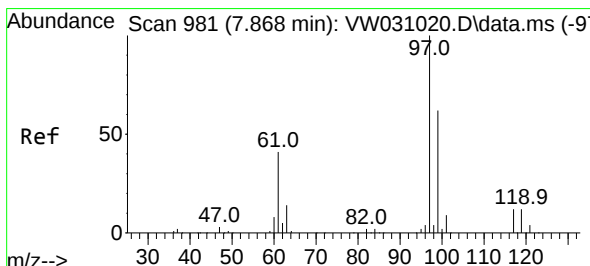
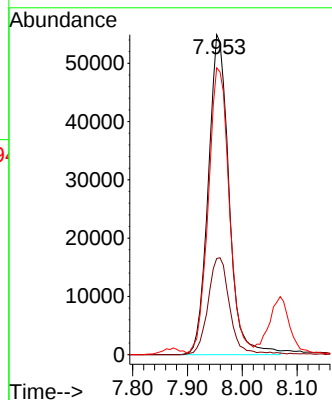
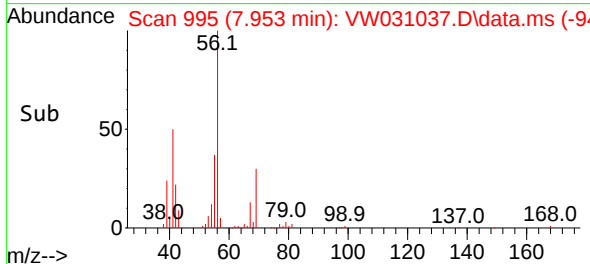


#29
Cyclohexane
Concen: 23.502 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW031037.D
Acq: 15 Nov 2024 20:10

Instrument :
MSVOA_W
ClientSampleId :

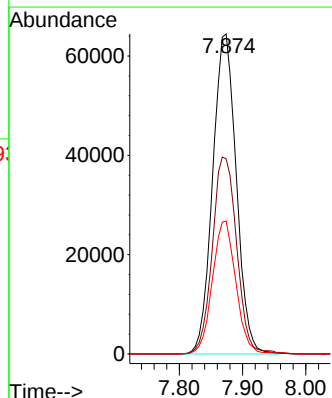
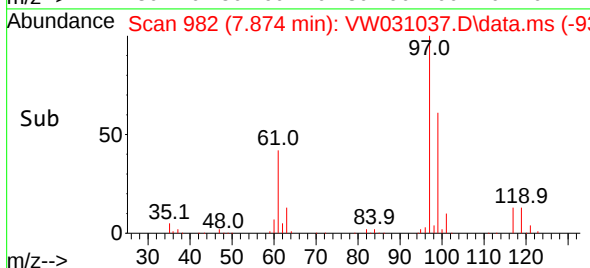
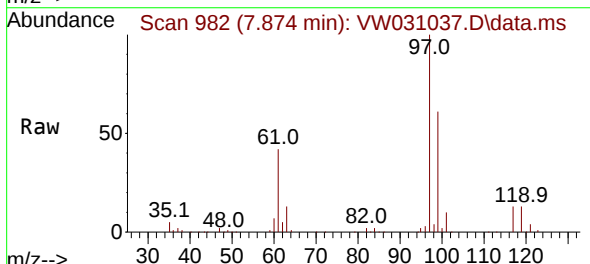


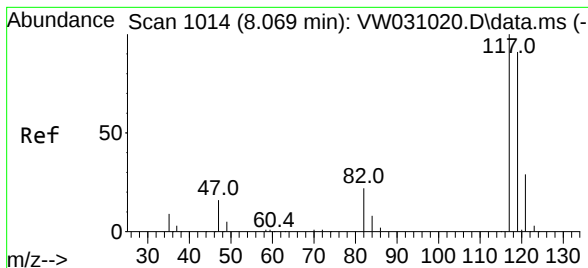
Tgt Ion: 56 Resp: 144308
Ion Ratio Lower Upper
56 100
69 30.9 24.8 37.2
84 89.6 69.5 104.3



#30
1,1,1-Trichloroethane
Concen: 25.437 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW031037.D
Acq: 15 Nov 2024 20:10

Tgt Ion: 97 Resp: 167424
Ion Ratio Lower Upper
97 100
99 63.5 51.3 76.9
61 41.3 36.2 54.4

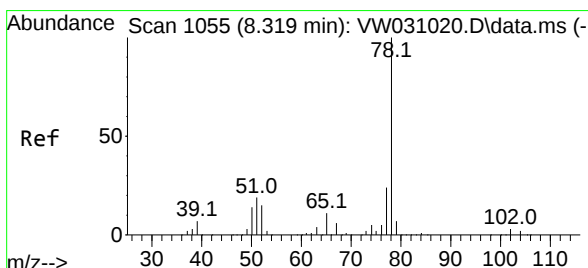
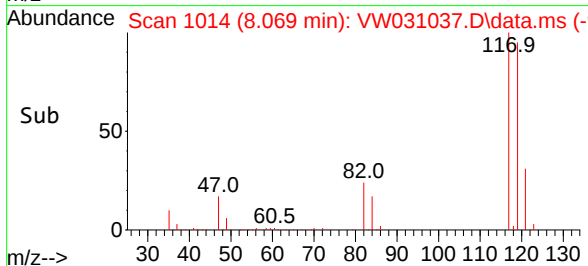
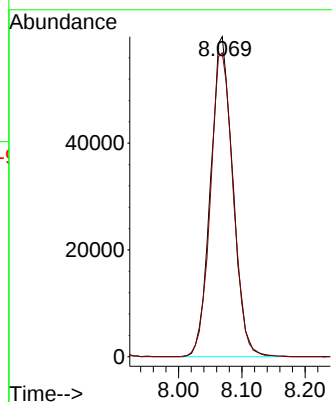
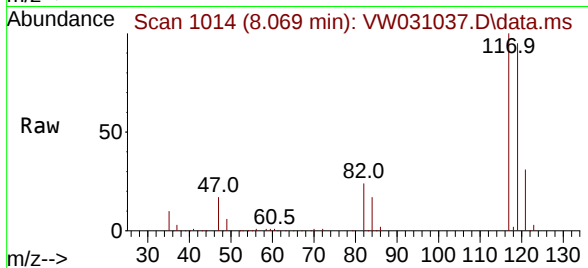




#31
Carbon tetrachloride
Concen: 24.819 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW031037.D
Acq: 15 Nov 2024 20:10

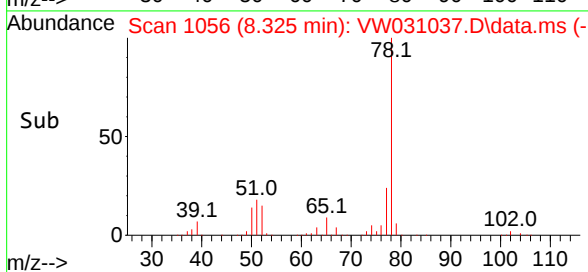
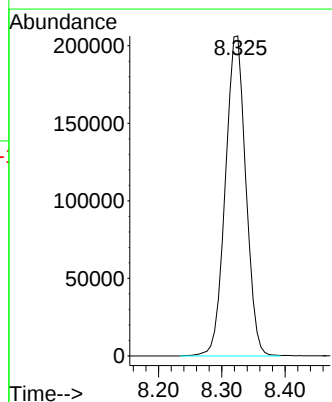
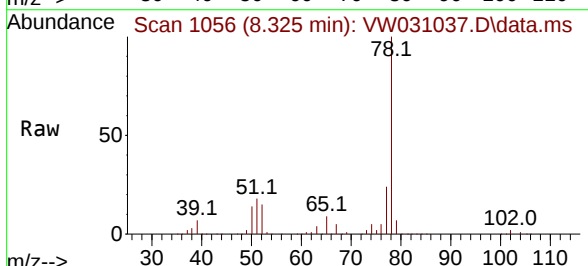
Instrument :
MSVOA_W
ClientSampleId :

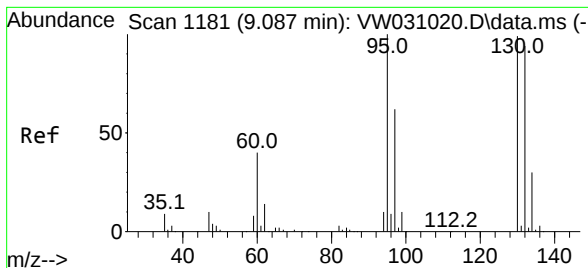
Tgt Ion:117 Resp: 146789
Ion Ratio Lower Upper
117 100
119 96.6 76.2 114.2



#33
Benzene
Concen: 28.045 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW031037.D
Acq: 15 Nov 2024 20:10

Tgt Ion: 78 Resp: 463163





#34

Trichloroethene

Concen: 24.885 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

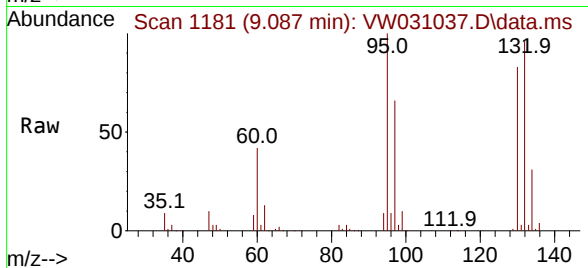
Lab File: VW031037.D

Acq: 15 Nov 2024 20:10

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 113330

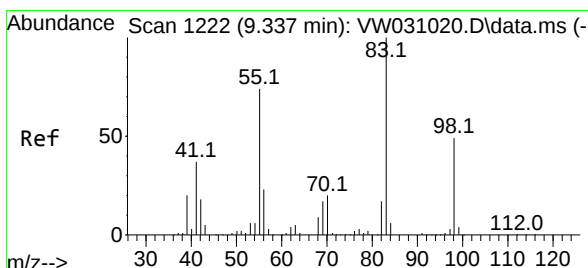
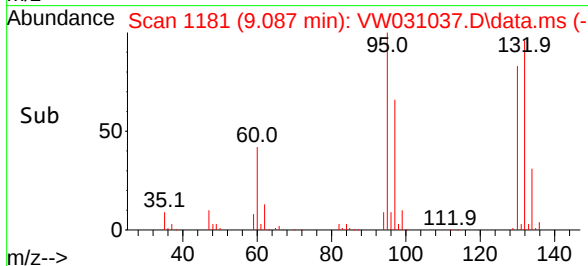
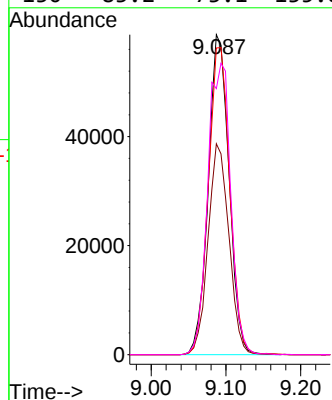
Ion Ratio Lower Upper

95 100

97 65.9 48.9 90.7

132 95.9 67.7 125.7

130 83.2 73.1 135.8



#35

Methylcyclohexane

Concen: 23.904 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW031037.D

Acq: 15 Nov 2024 20:10

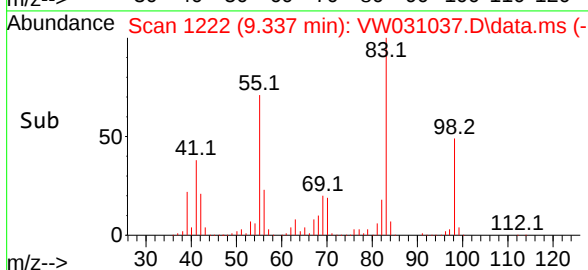
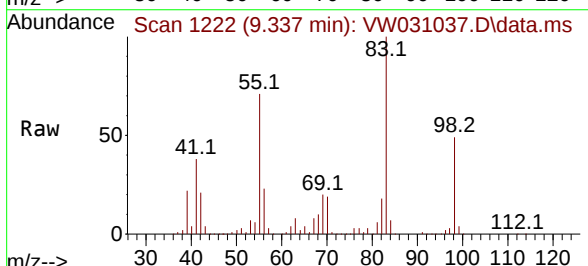
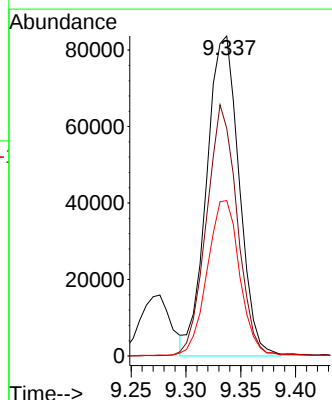
Tgt Ion: 83 Resp: 172535

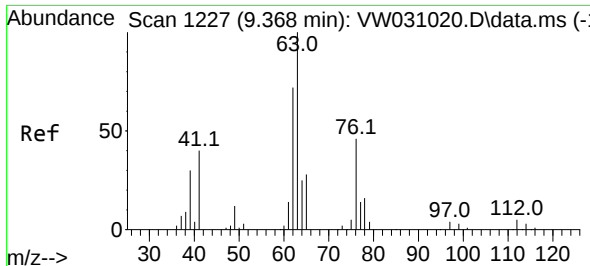
Ion Ratio Lower Upper

83 100

55 74.2 62.8 94.2

98 48.0 39.4 59.2





#37

1,2-Dichloropropane

Concen: 29.019 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031037.D

Acq: 15 Nov 2024 20:10

Instrument :

MSVOA_W

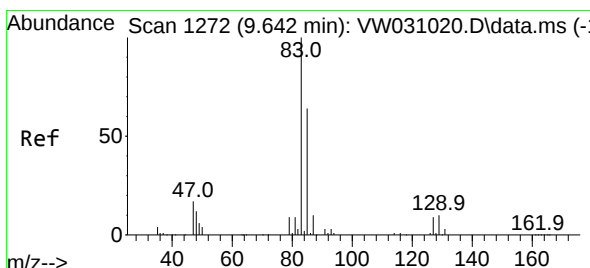
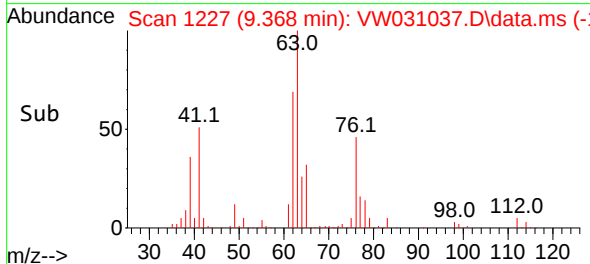
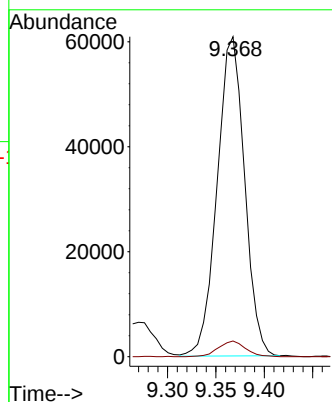
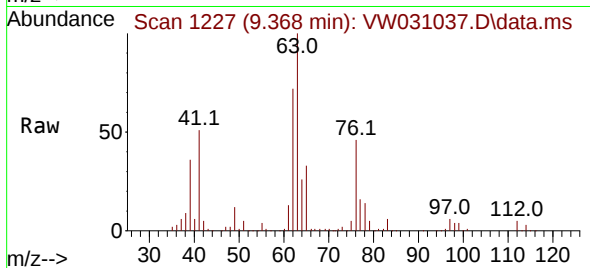
ClientSampleId :

Tgt Ion: 63 Resp: 119773

Ion Ratio Lower Upper

63 100

112 4.9 3.5 5.3



#38

Bromodichloromethane

Concen: 28.746 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031037.D

Acq: 15 Nov 2024 20:10

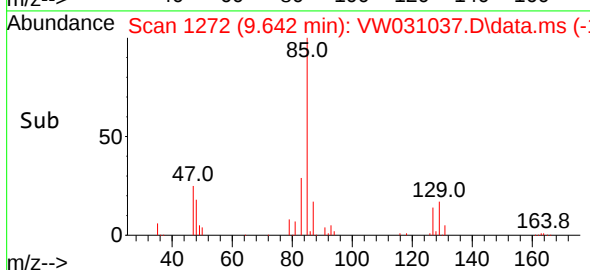
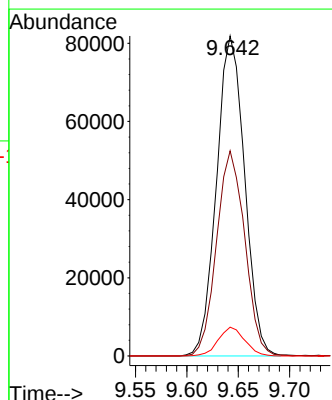
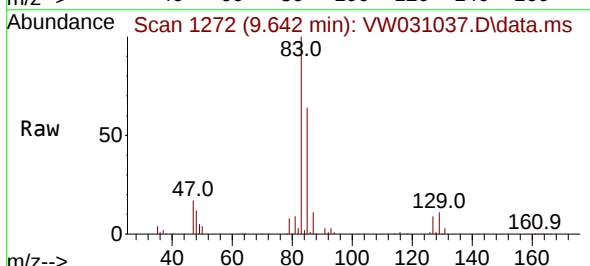
Tgt Ion: 83 Resp: 155816

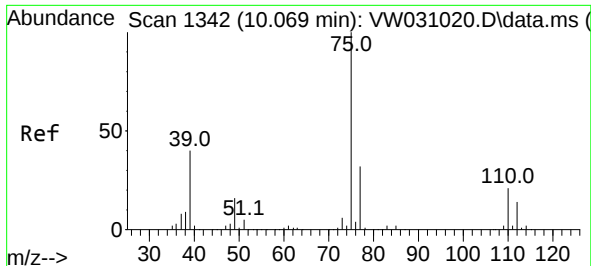
Ion Ratio Lower Upper

83 100

85 64.1 44.1 81.9

127 9.0 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 29.626 ug/L

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031037.D

Acq: 15 Nov 2024 20:10

Instrument :

MSVOA_W

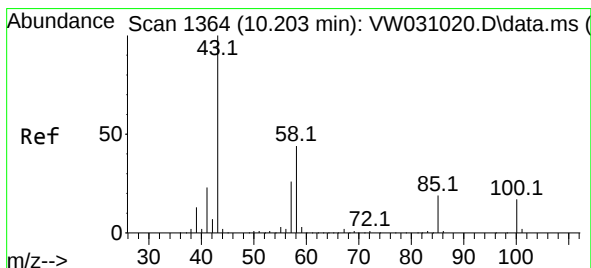
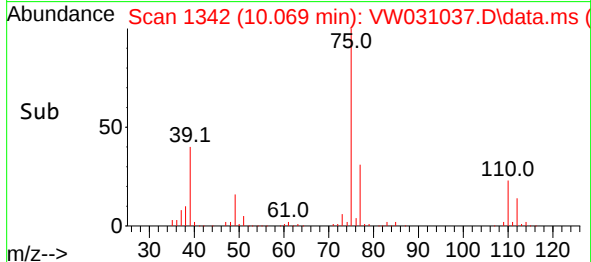
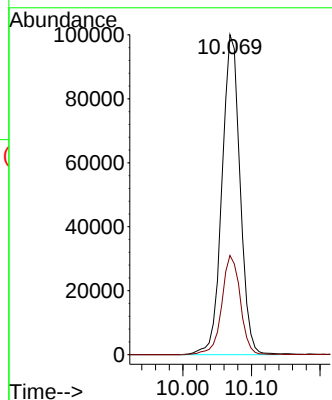
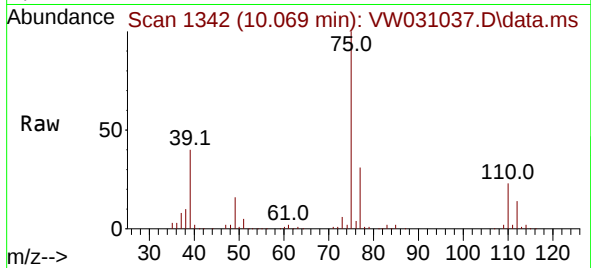
ClientSampleId :

Tgt Ion: 75 Resp: 182919

Ion Ratio Lower Upper

75 100

77 31.0 21.3 39.6



#40

4-Methyl-2-pentanone

Concen: 70.578 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.006 min

Lab File: VW031037.D

Acq: 15 Nov 2024 20:10

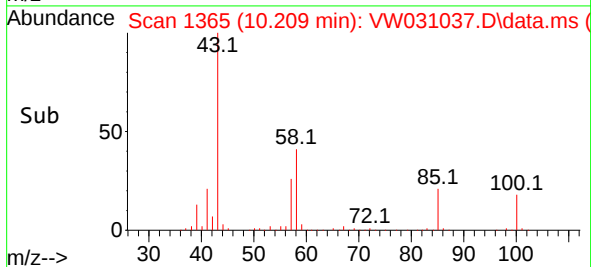
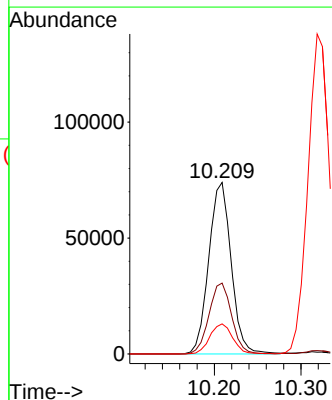
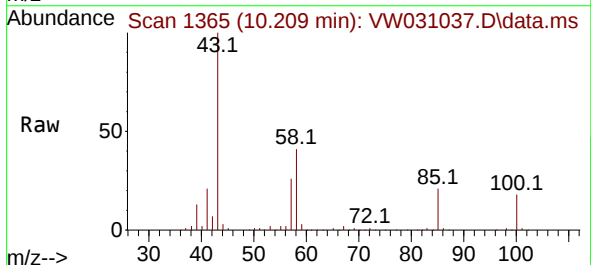
Tgt Ion: 43 Resp: 133221

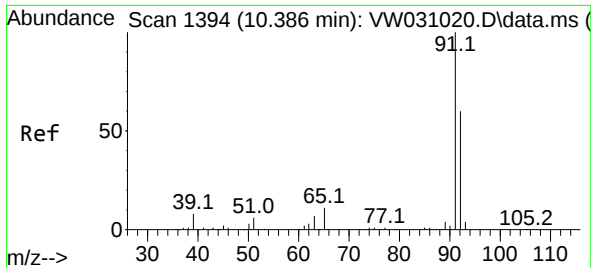
Ion Ratio Lower Upper

43 100

58 41.6 32.2 48.4

100 17.9 13.3 19.9

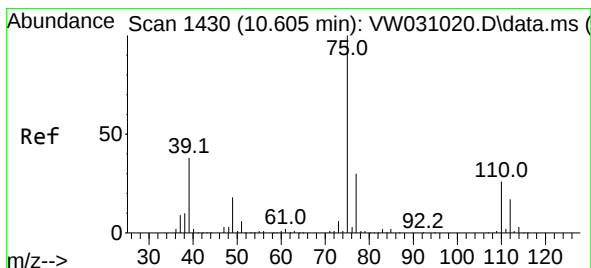
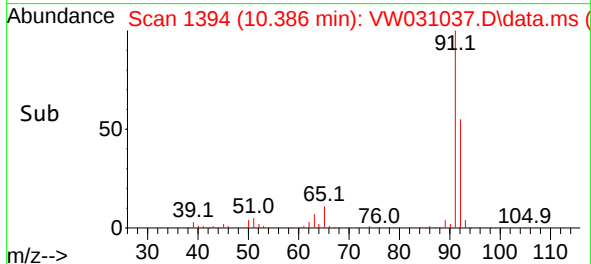
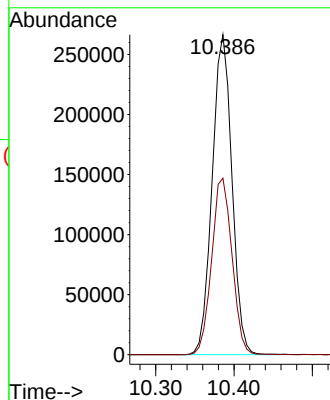
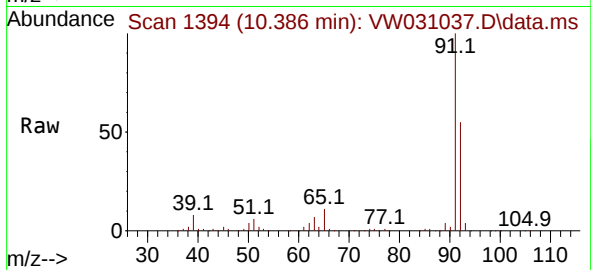




#42
Toluene
Concen: 26.705 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031037.D
Acq: 15 Nov 2024 20:10

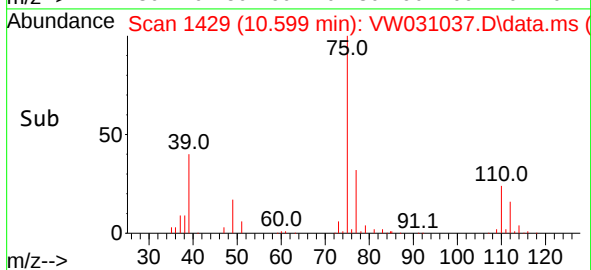
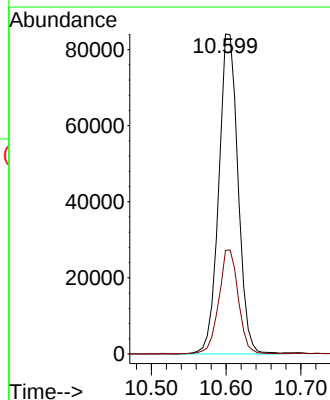
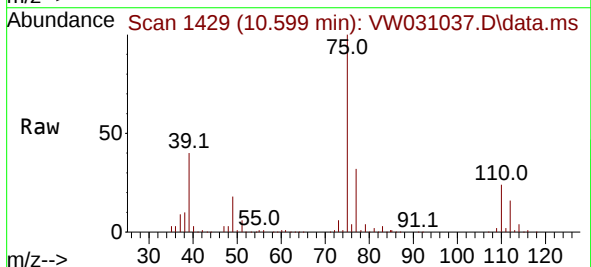
Instrument :
MSVOA_W
ClientSampleId :

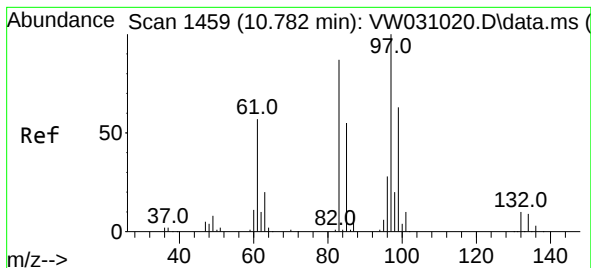
Tgt Ion: 91 Resp: 467033
Ion Ratio Lower Upper
91 100
92 55.2 39.4 73.2



#44
trans-1,3-Dichloropropene
Concen: 29.448 ug/L
RT: 10.599 min Scan# 1429
Delta R.T. -0.006 min
Lab File: VW031037.D
Acq: 15 Nov 2024 20:10

Tgt Ion: 75 Resp: 151053
Ion Ratio Lower Upper
75 100
77 32.4 23.6 43.8





#45

1,1,2-Trichloroethane

Concen: 32.685 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW031037.D

Acq: 15 Nov 2024 20:10

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 96832

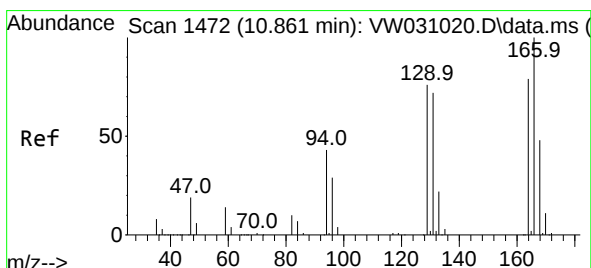
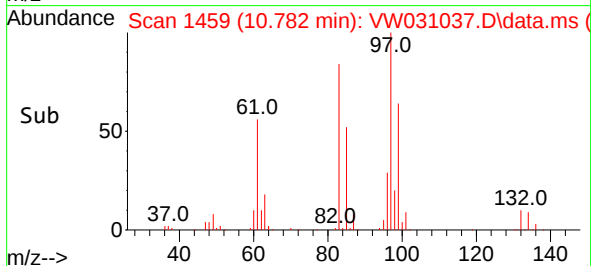
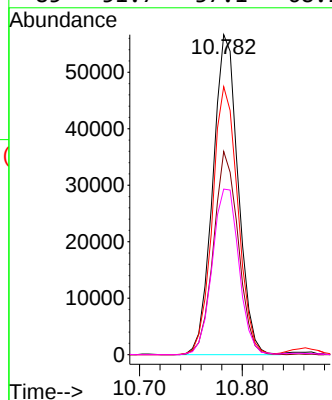
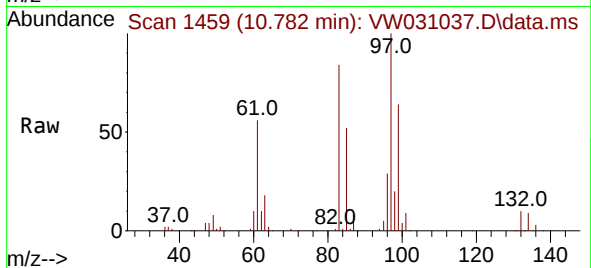
Ion Ratio Lower Upper

97 100

99 63.5 42.8 79.4

83 83.8 60.6 112.6

85 51.7 37.1 68.9



#46

Tetrachloroethene

Concen: 23.144 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW031037.D

Acq: 15 Nov 2024 20:10

Tgt Ion:164 Resp: 80575

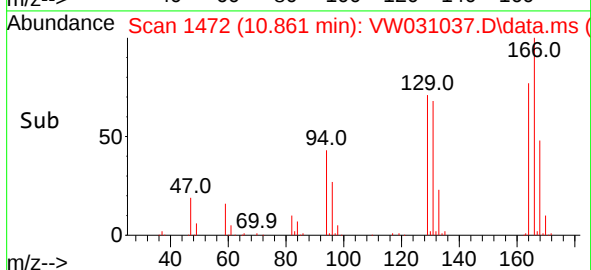
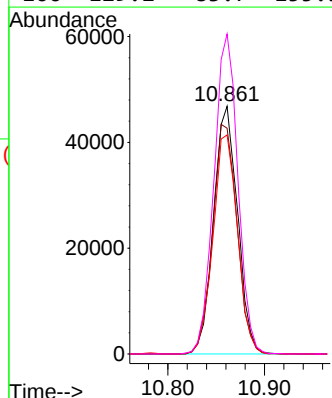
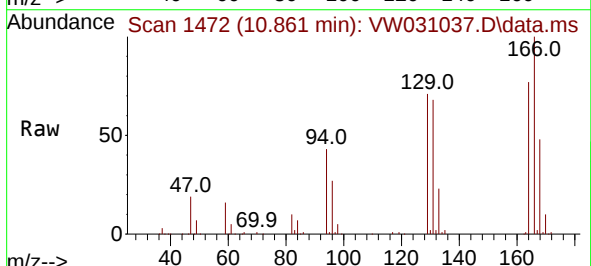
Ion Ratio Lower Upper

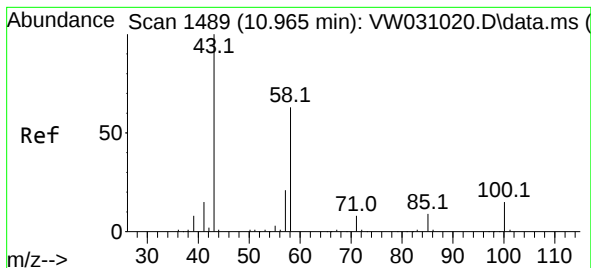
164 100

129 91.1 71.1 132.1

131 88.5 62.6 116.3

166 129.2 83.7 155.5





#48

2-Hexanone

Concen: 68.785 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

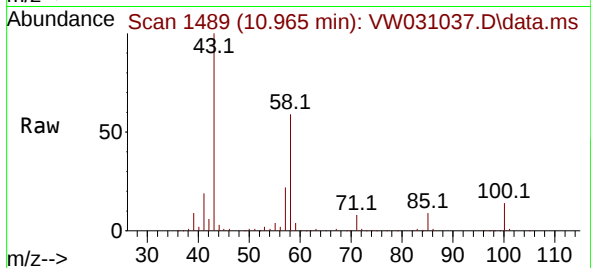
Lab File: VW031037.D

Acq: 15 Nov 2024 20:10

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 98780

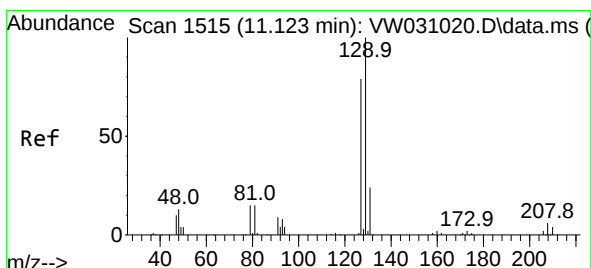
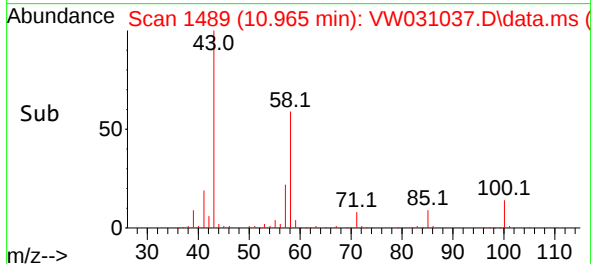
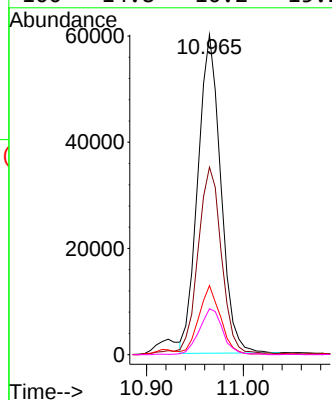
Ion Ratio Lower Upper

43 100

58 60.6 43.8 65.8

57 20.4 15.4 23.2

100 14.8 10.2 15.2



#49

Dibromochloromethane

Concen: 32.164 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VW031037.D

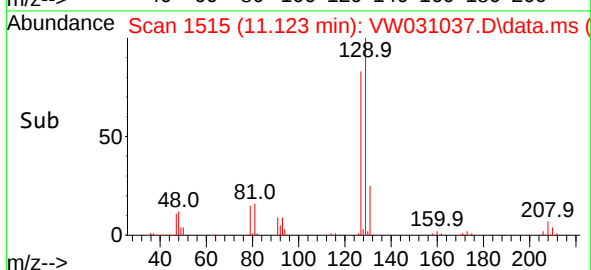
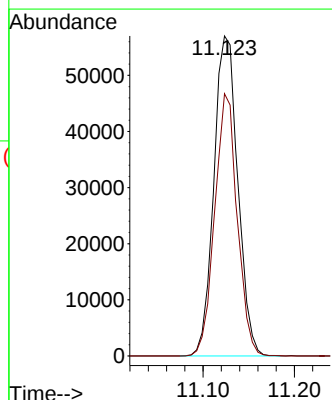
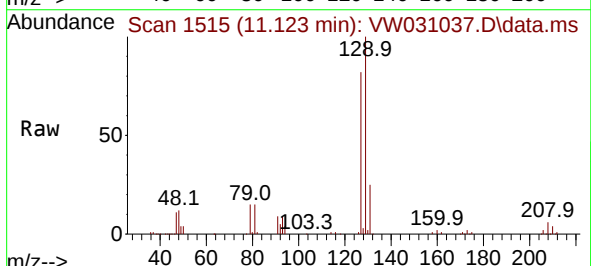
Acq: 15 Nov 2024 20:10

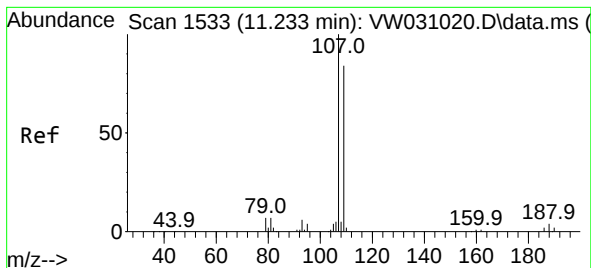
Tgt Ion: 129 Resp: 103895

Ion Ratio Lower Upper

129 100

127 82.0 52.1 96.7





#50

1,2-Dibromoethane

Concen: 32.645 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW031037.D

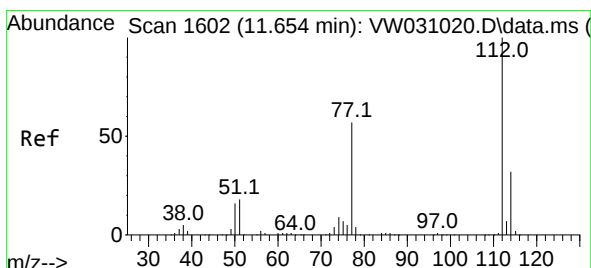
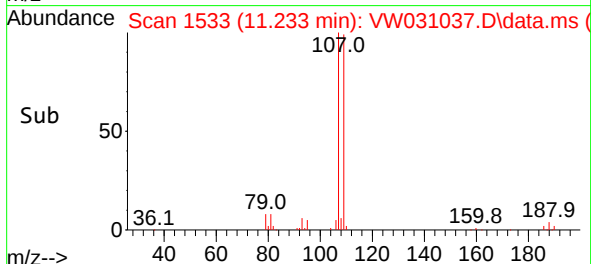
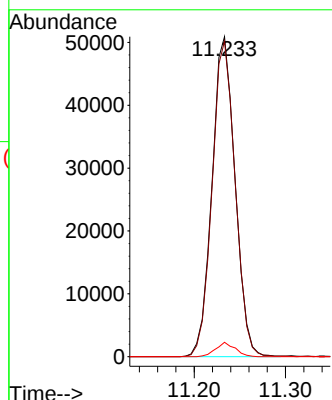
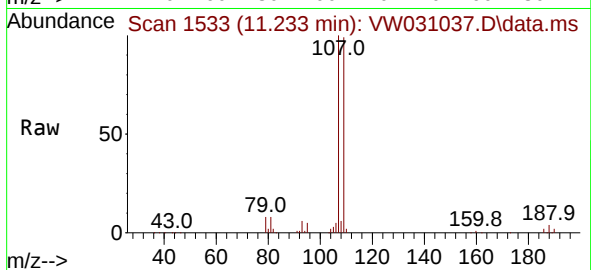
Acq: 15 Nov 2024 20:10

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	89189
Ion Ratio	Lower	Upper
107	100	
109	98.6	64.3 119.3
188	4.5	2.7 4.1#



#51

Chlorobenzene

Concen: 26.482 ug/L

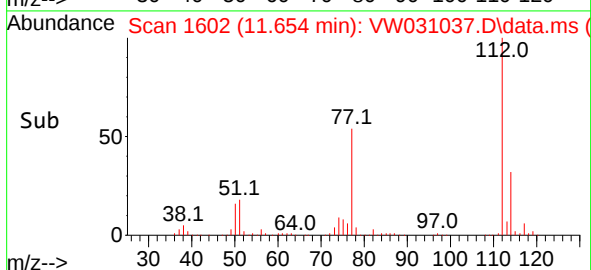
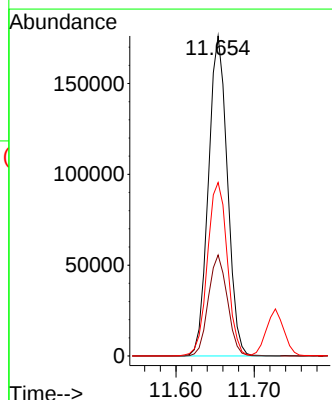
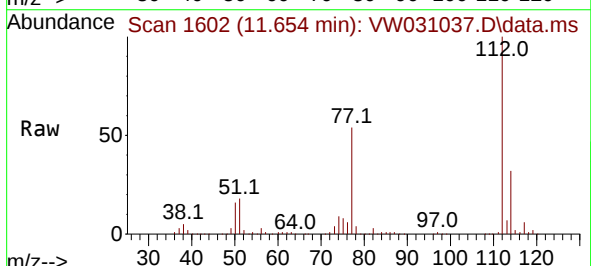
RT: 11.654 min Scan# 1602

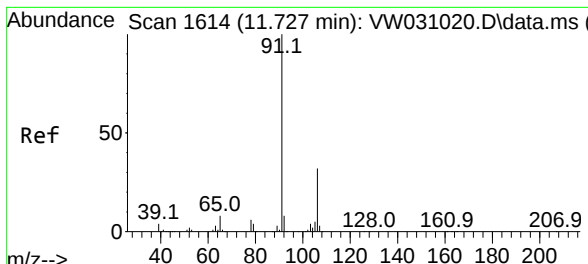
Delta R.T. 0.000 min

Lab File: VW031037.D

Acq: 15 Nov 2024 20:10

Tgt Ion:112	Resp:	296404
Ion Ratio	Lower	Upper
112	100	
114	31.6	21.9 40.7
77	54.2	45.3 67.9



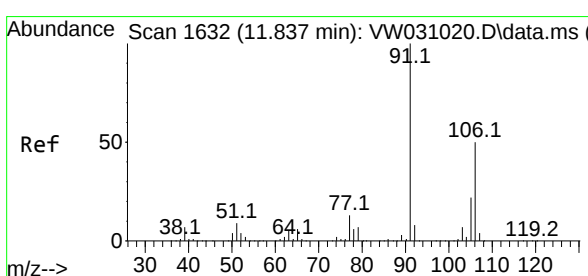
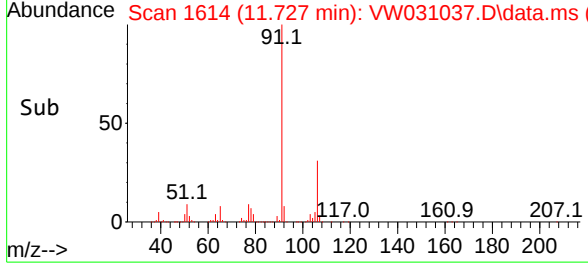
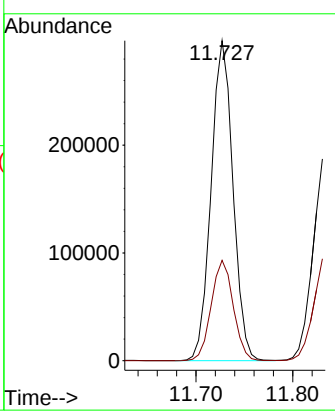
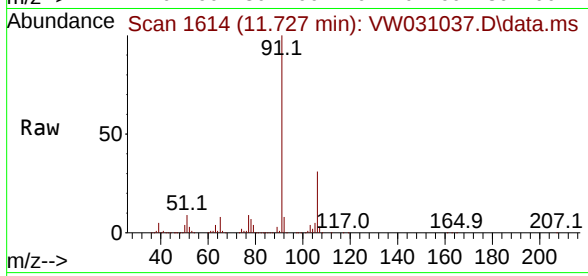


#52
 Ethylbenzene
 Concen: 23.585 ug/L
 RT: 11.727 min Scan# 1614
 Delta R.T. 0.000 min
 Lab File: VW031037.D
 Acq: 15 Nov 2024 20:10

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 91 Resp: 466063

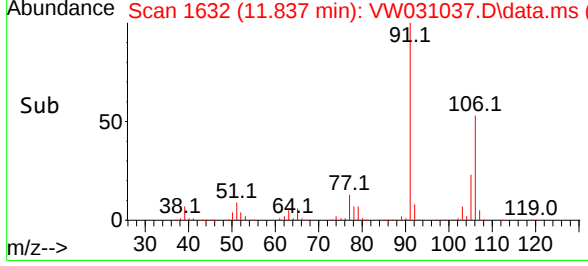
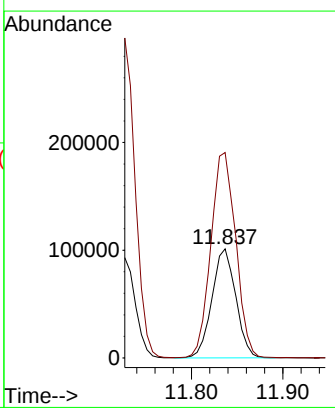
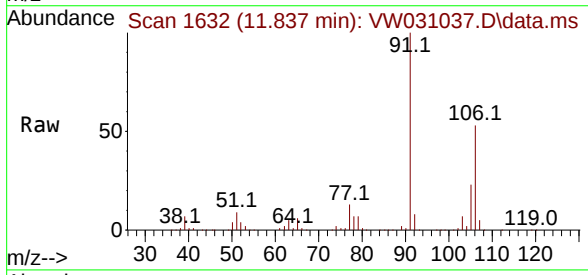
Ion	Ratio	Lower	Upper
91	100		
106	31.3	21.6	40.0

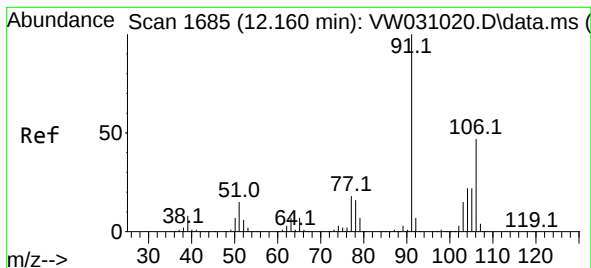


#53
 m,p-Xylene
 Concen: 24.628 ug/L
 RT: 11.837 min Scan# 1632
 Delta R.T. 0.000 min
 Lab File: VW031037.D
 Acq: 15 Nov 2024 20:10

Tgt Ion: 106 Resp: 183034

Ion	Ratio	Lower	Upper
106	100		
91	188.3	140.7	261.3





#54

o-Xylene

Concen: 25.797 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031037.D

Acq: 15 Nov 2024 20:10

Instrument :

MSVOA_W

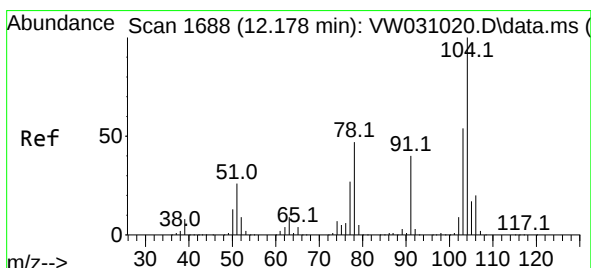
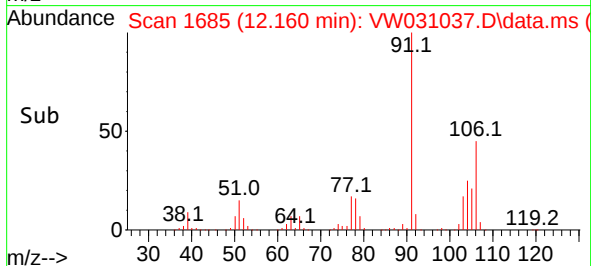
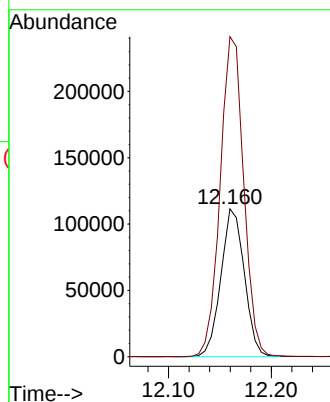
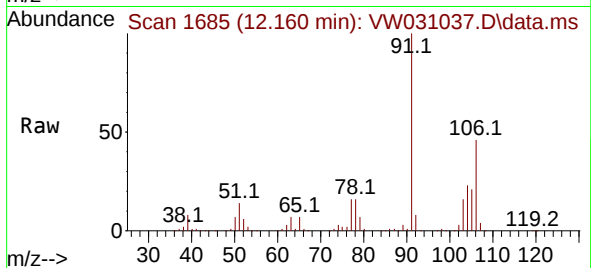
ClientSampleId :

Tgt Ion:106 Resp: 176415

Ion Ratio Lower Upper

106 100

91 216.4 149.9 278.3



#55

Styrene

Concen: 27.239 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW031037.D

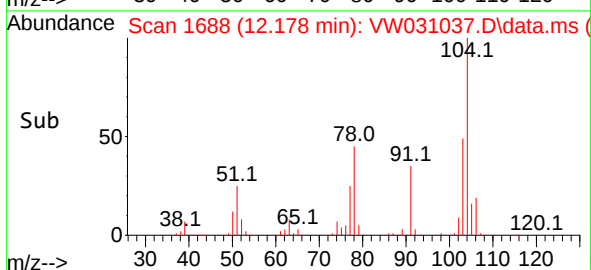
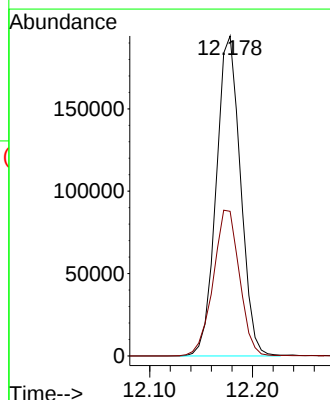
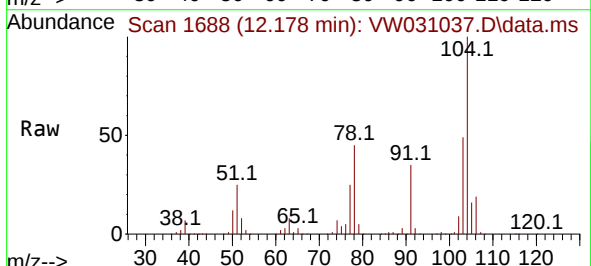
Acq: 15 Nov 2024 20:10

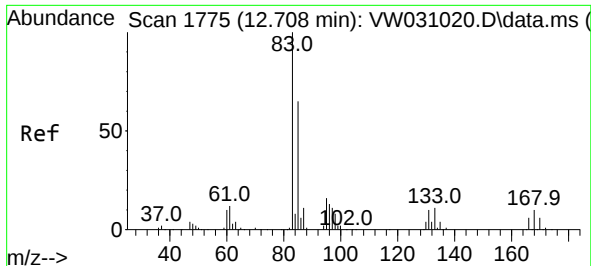
Tgt Ion:104 Resp: 318271

Ion Ratio Lower Upper

104 100

78 45.2 31.8 59.0

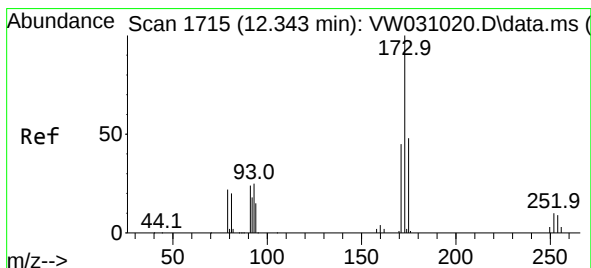
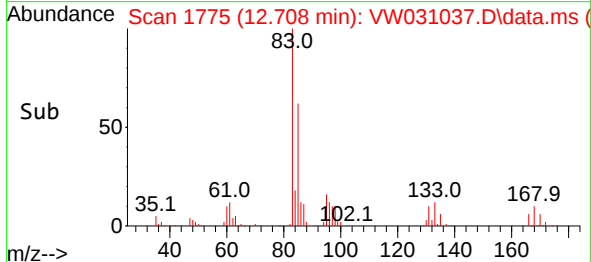
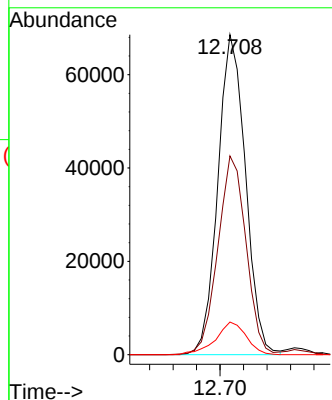
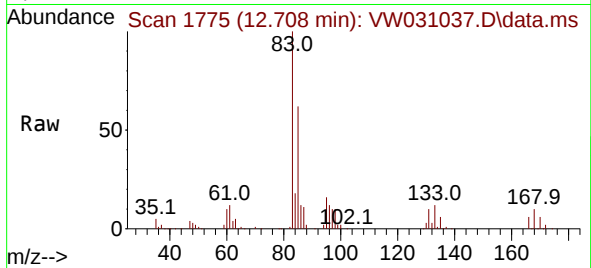




#57
1,1,2,2-Tetrachloroethane
Concen: 34.664 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW031037.D
Acq: 15 Nov 2024 20:10

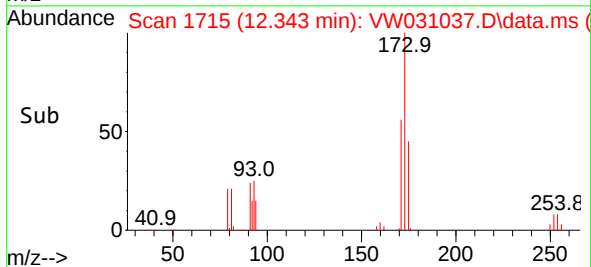
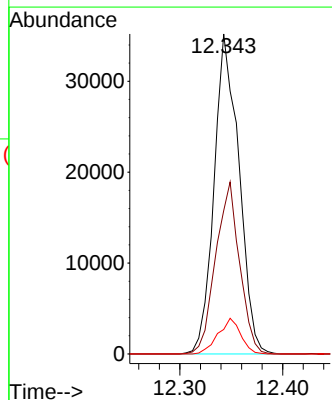
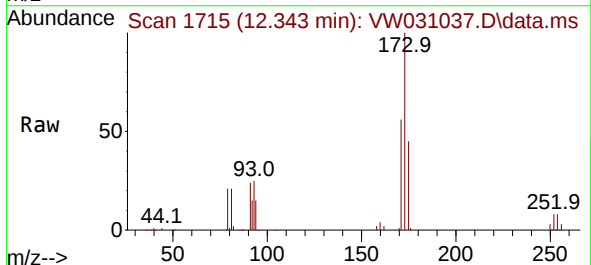
Instrument :
MSVOA_W
ClientSampleId :

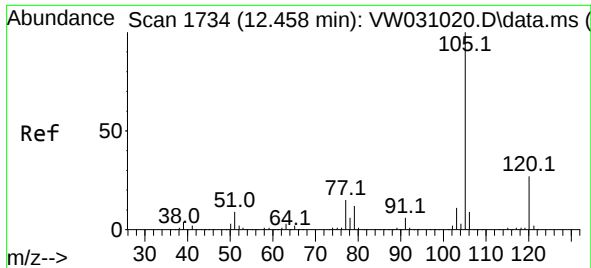
Tgt Ion: 83 Resp: 112075
Ion Ratio Lower Upper
83 100
85 62.1 45.1 83.7
131 10.2 7.7 11.5



#59
Bromoform
Concen: 35.719 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. 0.000 min
Lab File: VW031037.D
Acq: 15 Nov 2024 20:10

Tgt Ion:173 Resp: 59094
Ion Ratio Lower Upper
173 100
175 51.7 39.3 58.9
254 10.1 7.8 11.6

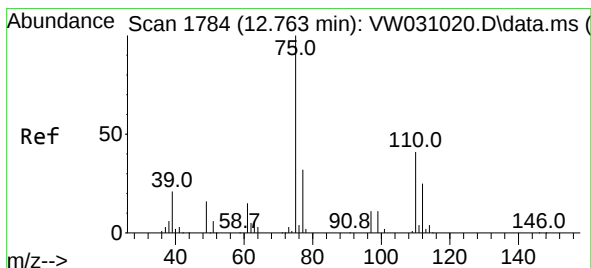
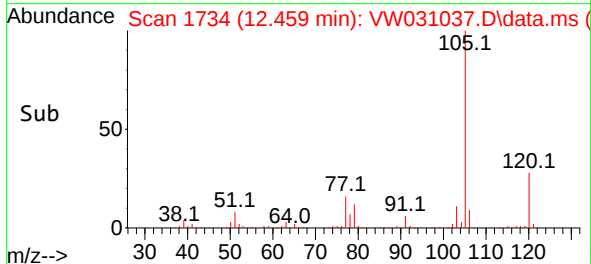
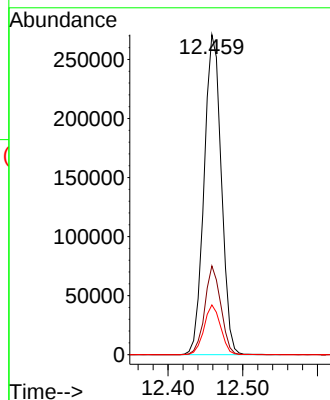
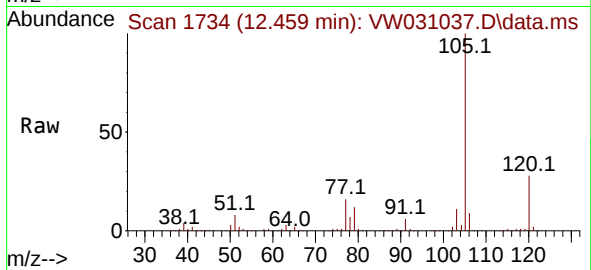




#60
Isopropylbenzene
Concen: 24.512 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW031037.D
Acq: 15 Nov 2024 20:10

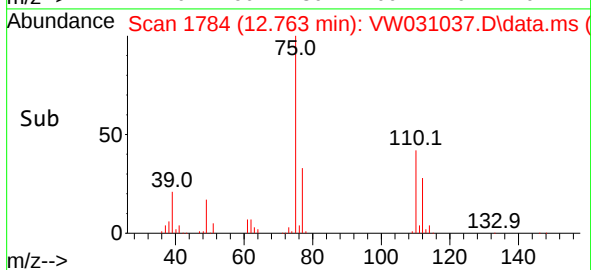
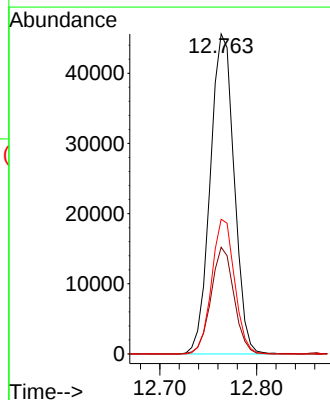
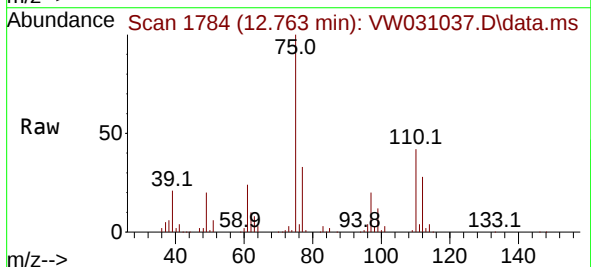
Instrument :
MSVOA_W
ClientSampleId :

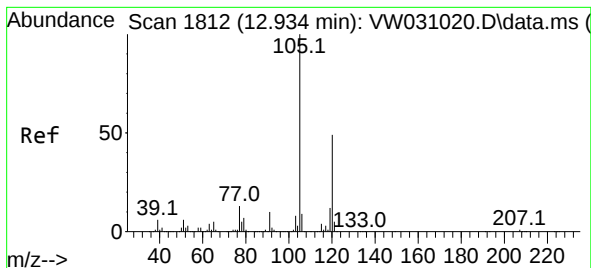
Tgt Ion:105 Resp: 433212
Ion Ratio Lower Upper
105 100
120 25.9 20.6 31.0
77 15.0 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 36.104 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031037.D
Acq: 15 Nov 2024 20:10

Tgt Ion: 75 Resp: 78425
Ion Ratio Lower Upper
75 100
77 32.0 26.2 39.2
110 40.3 31.8 47.8

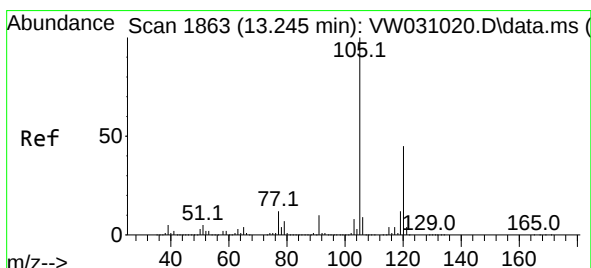
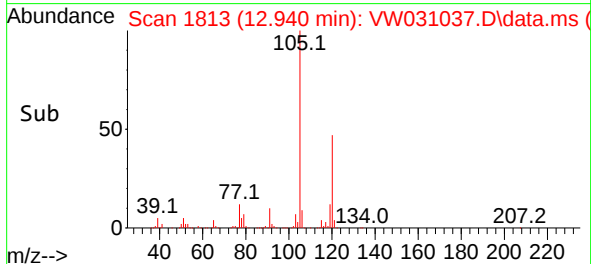
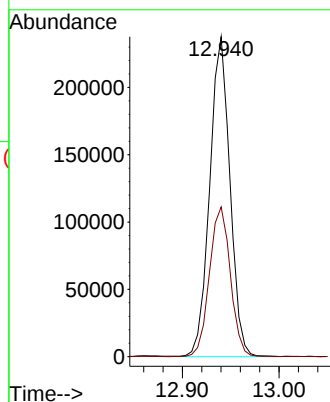
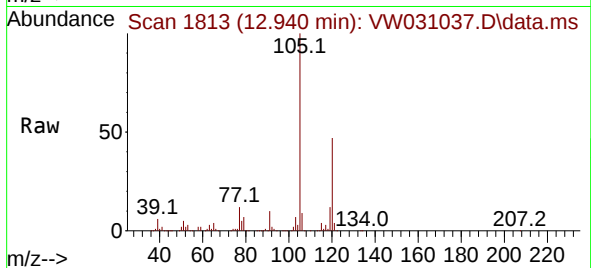




#62
1,3,5-Trimethylbenzene
Concen: 24.846 ug/L
RT: 12.940 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VW031037.D
Acq: 15 Nov 2024 20:10

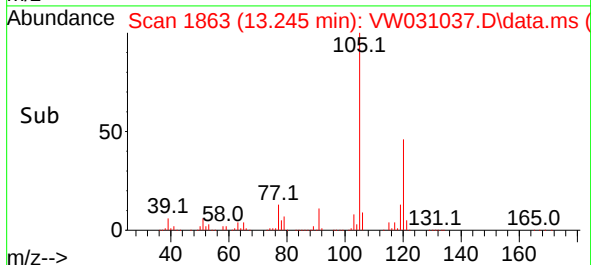
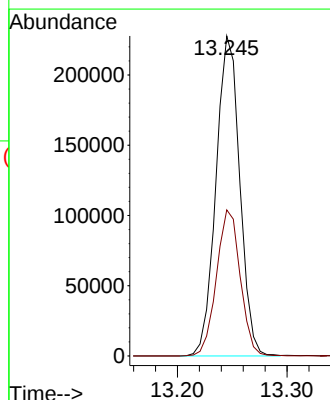
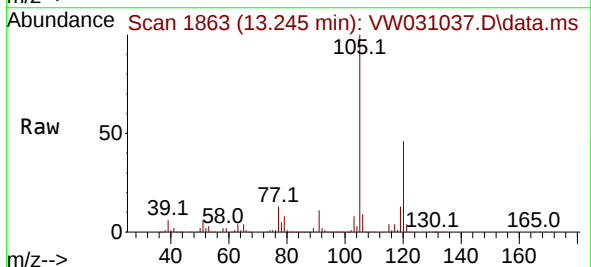
Instrument :
MSVOA_W
ClientSampleId :

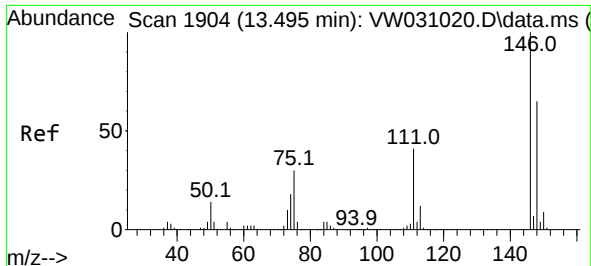
Tgt Ion:105 Resp: 345735
Ion Ratio Lower Upper
105 100
120 48.4 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 25.339 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031037.D
Acq: 15 Nov 2024 20:10

Tgt Ion:105 Resp: 343378
Ion Ratio Lower Upper
105 100
120 45.6 35.9 53.9

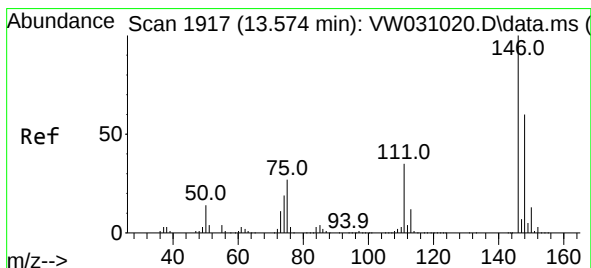
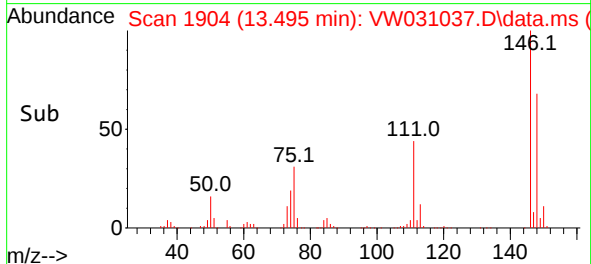
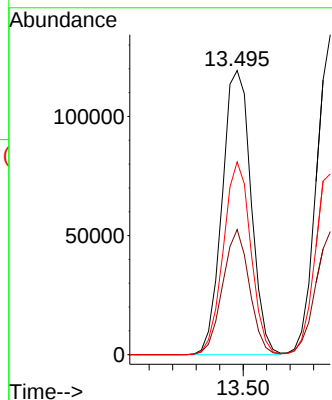
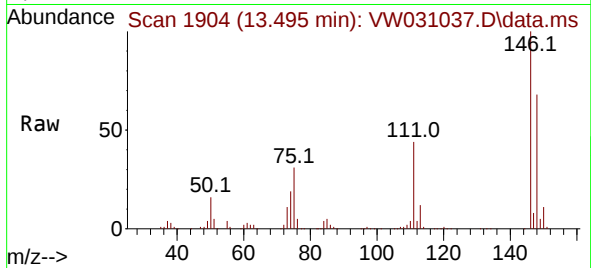




#64
1,3-Dichlorobenzene
Concen: 26.220 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031037.D
Acq: 15 Nov 2024 20:10

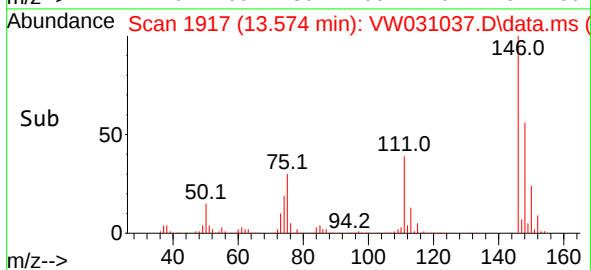
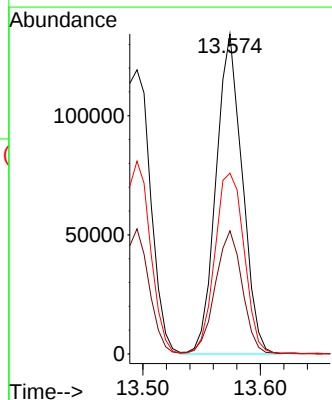
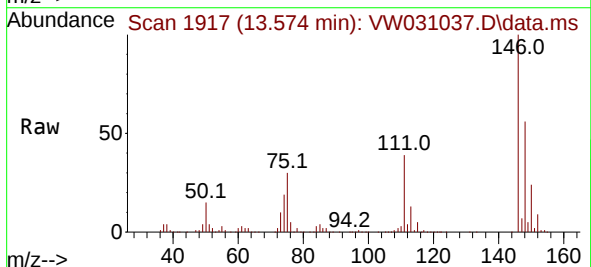
Instrument :
MSVOA_W
ClientSampleId :

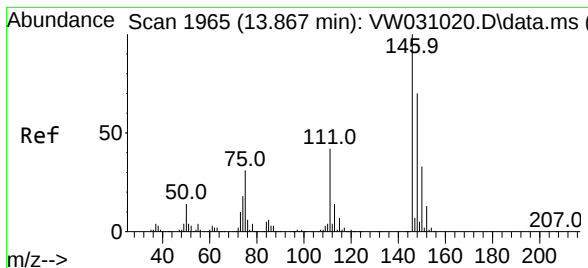
Tgt Ion:146 Resp: 203474
Ion Ratio Lower Upper
146 100
111 44.0 26.8 49.8
148 67.8 41.8 77.6



#65
1,4-Dichlorobenzene
Concen: 26.171 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031037.D
Acq: 15 Nov 2024 20:10

Tgt Ion:146 Resp: 208503
Ion Ratio Lower Upper
146 100
111 38.5 27.6 51.4
148 56.5 41.6 77.2





#67

1,2-Dichlorobenzene

Concen: 28.799 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031037.D

Acq: 15 Nov 2024 20:10

Instrument :

MSVOA_W

ClientSampleId :

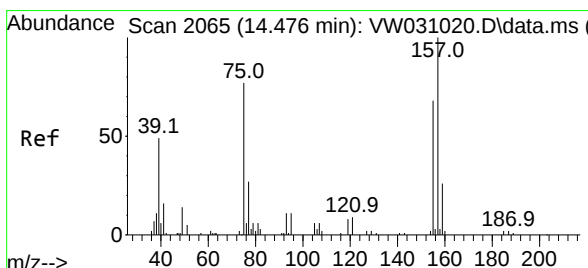
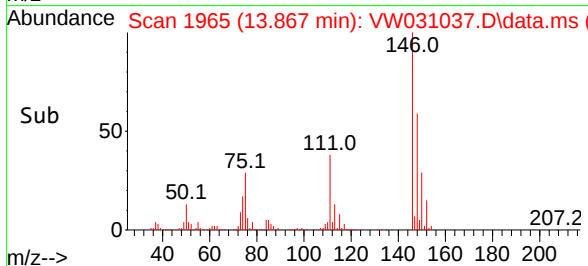
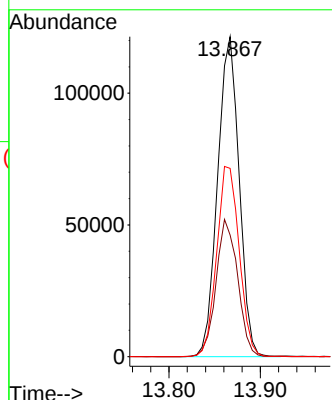
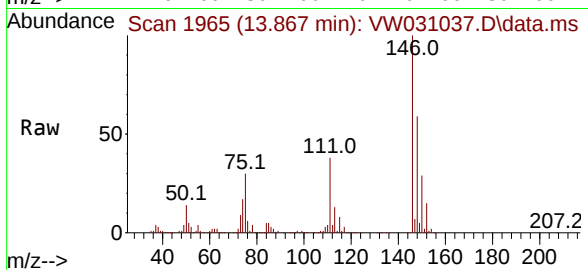
Tgt Ion:146 Resp: 199186

Ion Ratio Lower Upper

146 100

111 38.0 34.3 51.5

148 58.9 48.0 72.0



#68

1,2-Dibromo-3-chloropropane

Concen: 36.207 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW031037.D

Acq: 15 Nov 2024 20:10

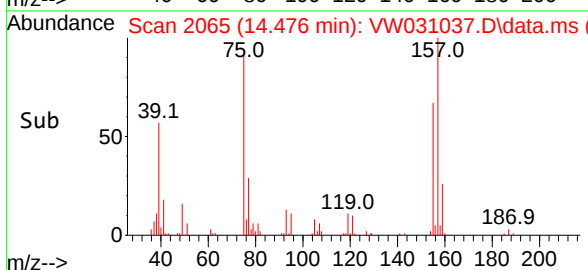
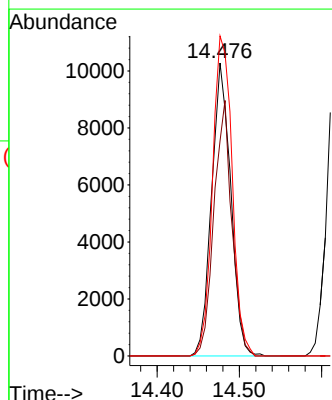
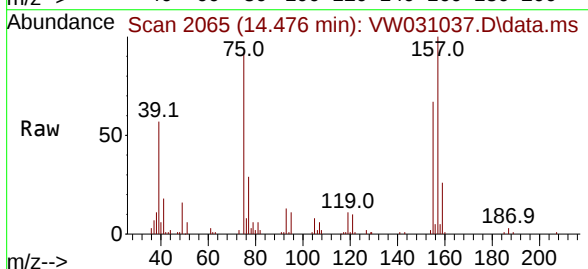
Tgt Ion: 75 Resp: 16651

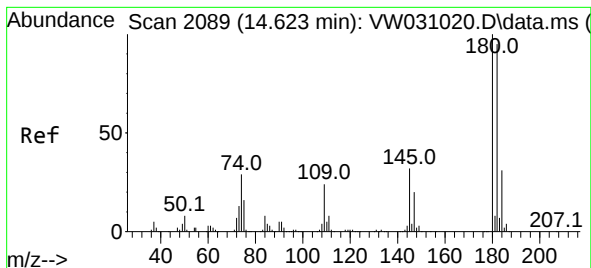
Ion Ratio Lower Upper

75 100

155 73.4 56.2 84.2

157 109.2 74.9 112.3





#69

1,3,5-Trichlorobenzene

Concen: 24.457 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

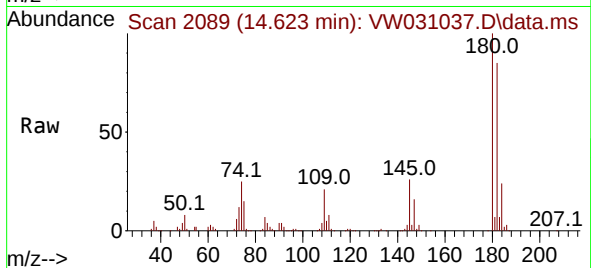
Lab File: VW031037.D

Acq: 15 Nov 2024 20:10

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 125943

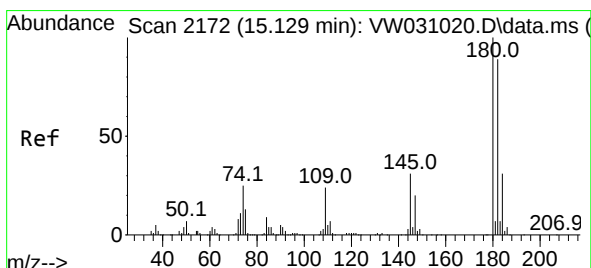
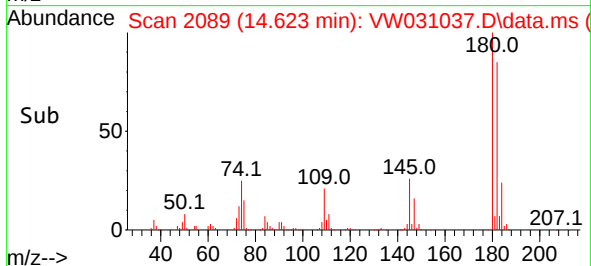
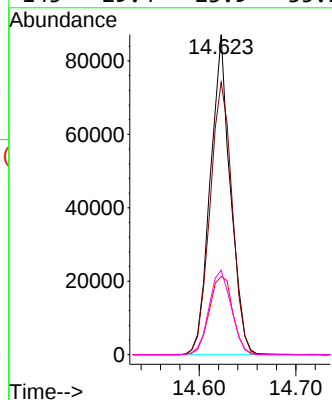
Ion Ratio Lower Upper

180 100

182 93.9 76.6 114.8

184 28.6 23.9 35.9

145 29.4 23.9 35.9



#70

1,2,4-trichlorobenzene

Concen: 25.601 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW031037.D

Acq: 15 Nov 2024 20:10

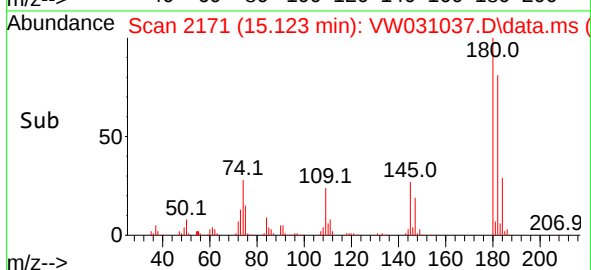
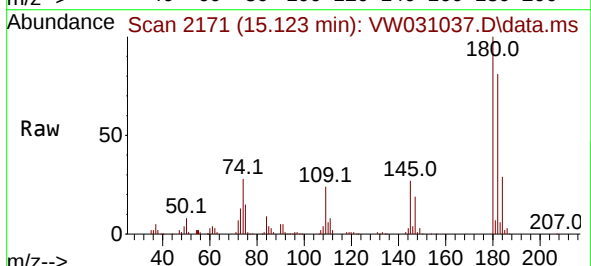
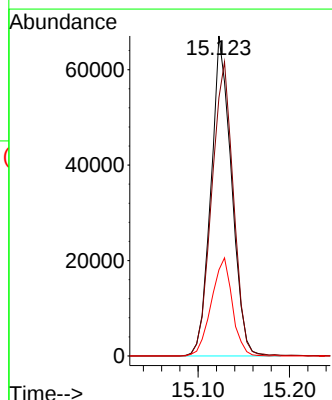
Tgt Ion:180 Resp: 104685

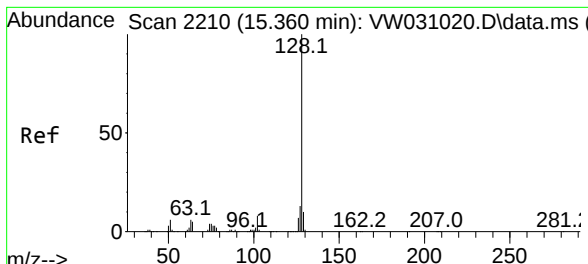
Ion Ratio Lower Upper

180 100

182 96.6 74.5 111.7

145 31.2 24.2 36.2

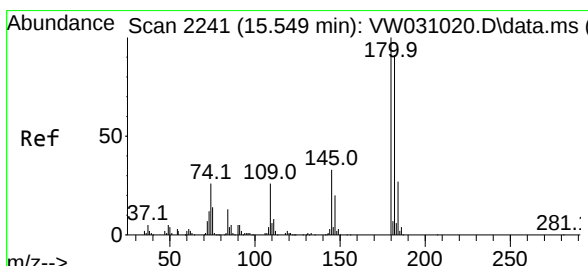
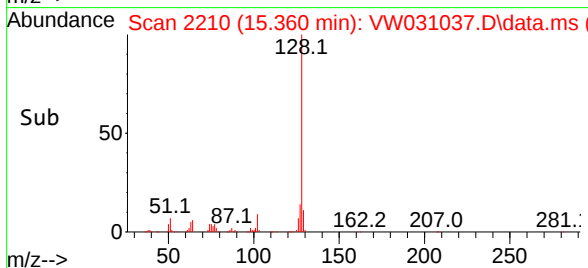
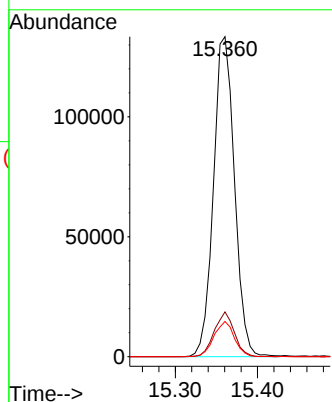
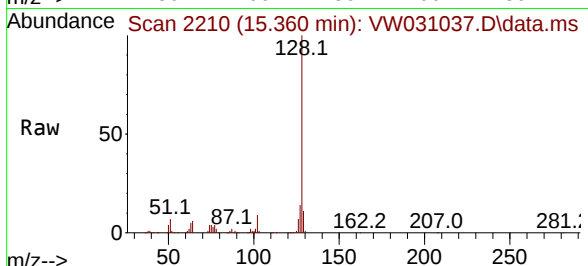




#71
Naphthalene
Concen: 35.821 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW031037.D
Acq: 15 Nov 2024 20:10

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 237446
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.4
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 29.648 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW031037.D
Acq: 15 Nov 2024 20:10

Tgt Ion:180 Resp: 104479
Ion Ratio Lower Upper
180 100
182 98.0 79.2 118.8
145 32.9 27.0 40.6

