

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100924\
 Data File : VW030497.D
 Acq On : 10 Oct 2024 00:47
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 10 01:35:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 10 01:29:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	362237	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	335279	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	166843	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	116755	20.506	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.040%
7) Chloroethane-d5	2.899	69	99321	23.044	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.160%
11) 1,1-Dichloroethene-d2	4.021	65	52384	22.120	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.480%
21) 2-Butanone-d5	7.081	46	48829	47.653	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.300%
24) Chloroform-d	7.648	84	256064	24.718	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.880%
26) 1,2-Dichloroethane-d4	8.307	65	133485	24.780	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.120%
32) Benzene-d6	8.270	84	475696	24.445	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	9.270	67	141436	24.763	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.040%
41) Toluene-d8	10.319	98	443927	24.990	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.960%
43) trans-1,3-Dichloroprop...	10.575	79	60096	25.128	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.520%
47) 2-Hexanone-d5	10.922	63	38892	52.868	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.740%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	104475	24.907	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.640%
66) 1,2-Dichlorobenzene-d4	13.849	152	142501	25.243	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	93577	20.219	ug/L	98
3) Chloromethane	2.223	50	131817	24.506	ug/L	98
5) Vinyl chloride	2.375	62	148217	22.406	ug/L	97
6) Bromomethane	2.790	94	106703	24.507	ug/L	94
8) Chloroethane	2.930	64	95504	23.618	ug/L	97
9) Trichlorofluoromethane	3.265	101	130671	22.077	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	120115	22.556	ug/L	96
12) 1,1-Dichloroethene	4.045	96	112286	23.104	ug/L	97
13) Acetone	4.137	43	50091	33.391	ug/L	99
14) Carbon disulfide	4.393	76	366585	23.099	ug/L	100
15) Methyl Acetate	4.673	43	45887	24.763	ug/L	98
16) Methylene chloride	4.923	84	127010	23.193	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	128415	24.487	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	195582	26.648	ug/L	99
19) 1,1-Dichloroethane	6.216	63	241666	24.795	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	142454	25.468	ug/L	95
22) 2-Butanone	7.173	43	65550	40.537	ug/L	99
23) Bromochloromethane	7.514	128	61628	25.185	ug/L	95
25) Chloroform	7.679	83	257267	24.700	ug/L	99

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 Response via : Initial Calibration

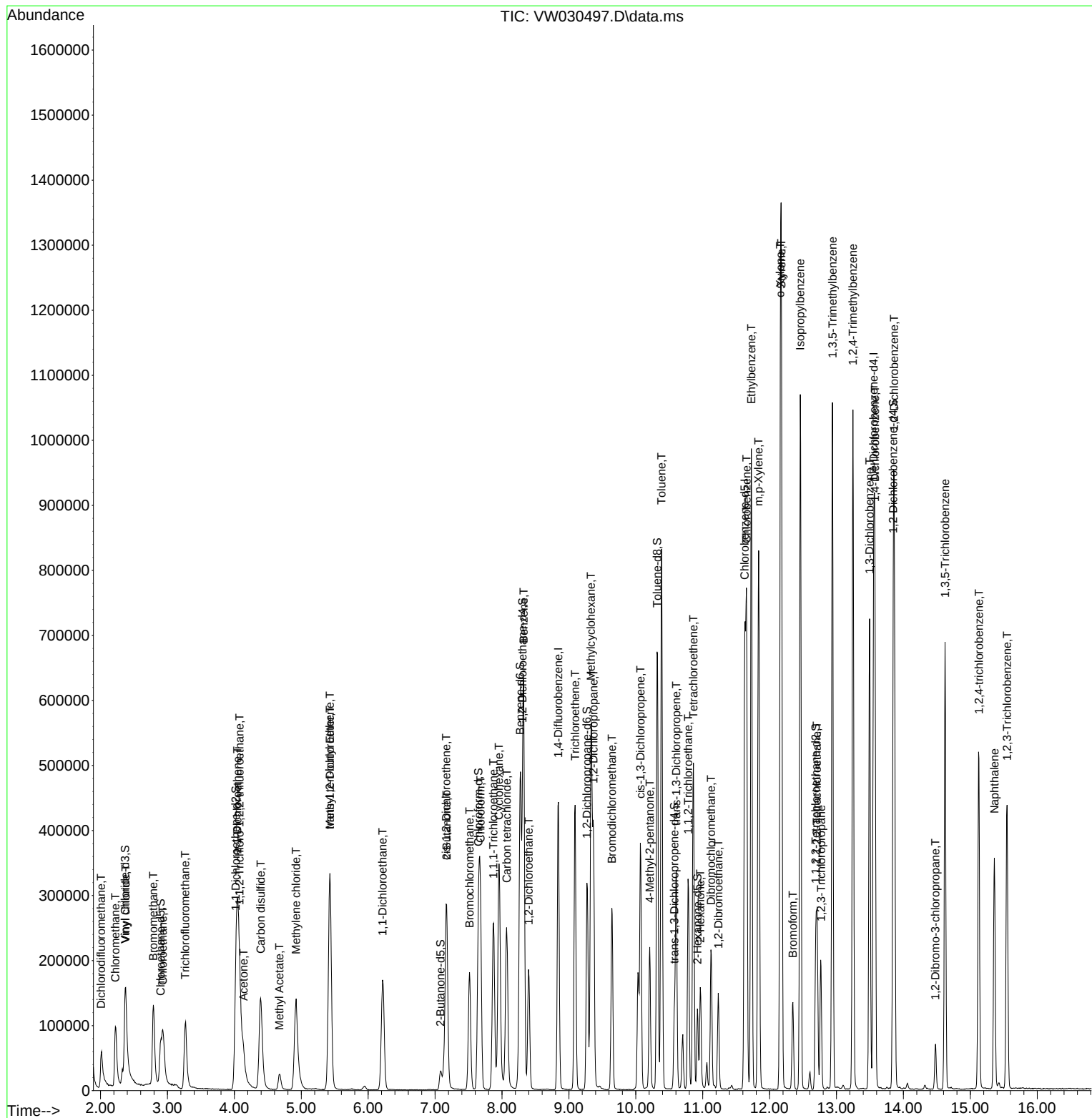
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	172072	25.041	ug/L	100
29) Cyclohexane	7.953	56	198512	24.323	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	206571	23.209	ug/L	99
31) Carbon tetrachloride	8.069	117	189554	23.845	ug/L	96
33) Benzene	8.325	78	545645	25.008	ug/L	100
34) Trichloroethene	9.093	95	144753	23.847	ug/L	97
35) Methylcyclohexane	9.331	83	225742	23.631	ug/L	99
37) 1,2-Dichloropropane	9.368	63	136191	24.993	ug/L	100
38) Bromodichloromethane	9.642	83	179491	24.757	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	213392	25.962	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	137374	52.475	ug/L	99
42) Toluene	10.386	91	597735	25.679	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	174787	25.306	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	97320	24.711	ug/L	97
46) Tetrachloroethene	10.861	164	106593	23.809	ug/L	98
48) 2-Hexanone	10.965	43	98411	45.968	ug/L	99
49) Dibromochloromethane	11.123	129	107416	24.444	ug/L	97
50) 1,2-Dibromoethane	11.233	107	94589	25.739	ug/L	96
51) Chlorobenzene	11.654	112	366307	24.446	ug/L	97
52) Ethylbenzene	11.727	91	668039	25.152	ug/L	99
53) m,p-Xylene	11.837	106	249841	25.108	ug/L	96
54) o-Xylene	12.160	106	234387	25.478	ug/L	91
55) Styrene	12.178	104	410148	26.079	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	109570	24.671	ug/L	95
59) Bromoform	12.349	173	56353	24.040	ug/L	98
60) Isopropylbenzene	12.459	105	669309	25.904	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	77893	23.992	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	544670	26.720	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	544014	27.258	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	278201	24.737	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	283712	24.431	ug/L	90
67) 1,2-Dichlorobenzene	13.861	146	258104	26.080	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	18370	25.376	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	186156	25.101	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	148378	24.852	ug/L	99
71) Naphthalene	15.360	128	293629	28.466	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	142392	27.511	ug/L	97

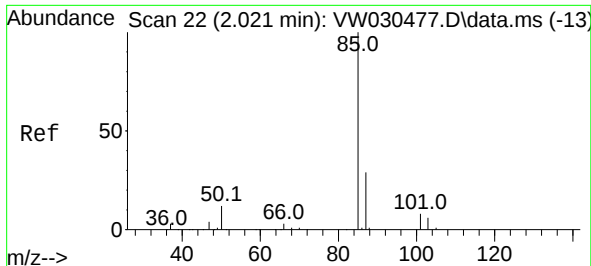
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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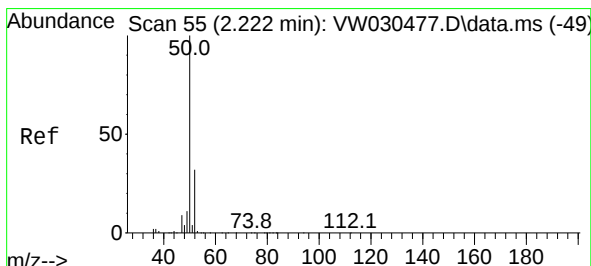
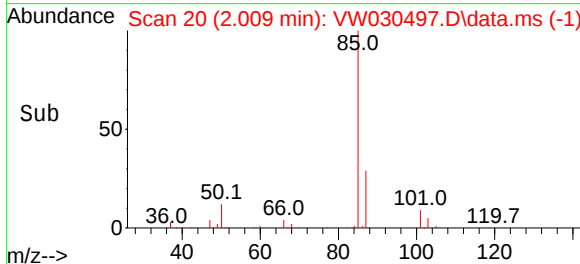
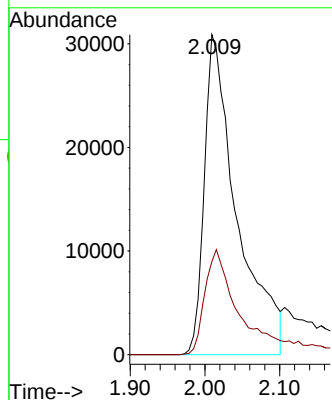
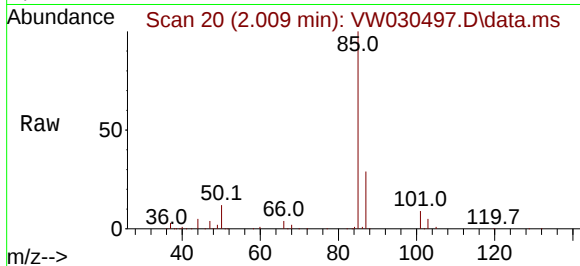




#2
 Dichlorodifluoromethane
 Concen: 20.219 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: VW030497.D
 Acq: 10 Oct 2024 00:47

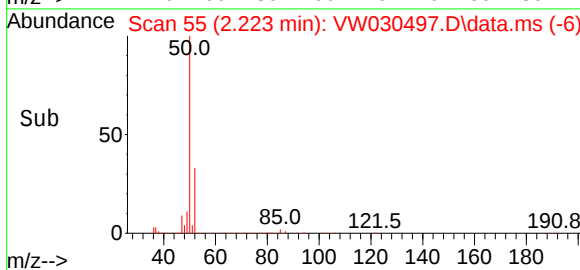
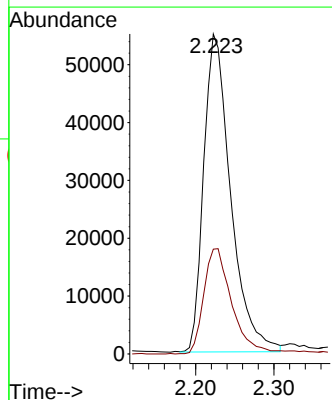
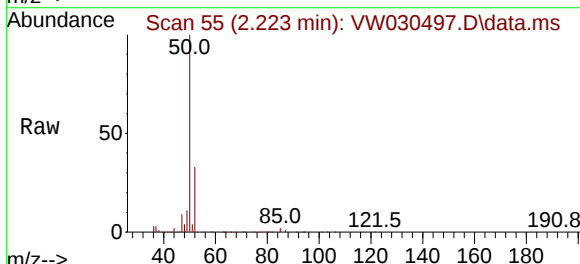
Instrument :
 MSVOA_W
 ClientSampleId :

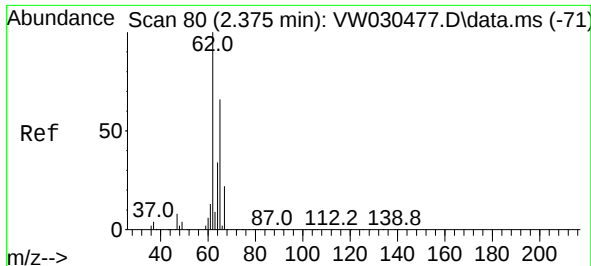
Tgt Ion: 85 Resp: 93577
 Ion Ratio Lower Upper
 85 100
 87 28.4 23.8 35.6



#3
 Chloromethane
 Concen: 24.506 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW030497.D
 Acq: 10 Oct 2024 00:47

Tgt Ion: 50 Resp: 131817
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.7 43.9

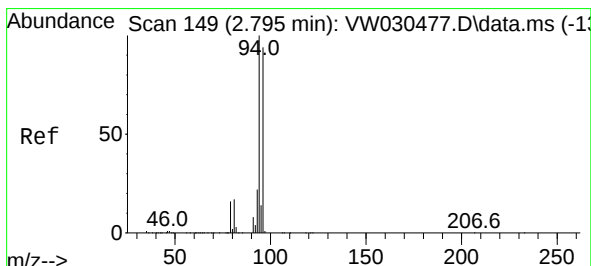
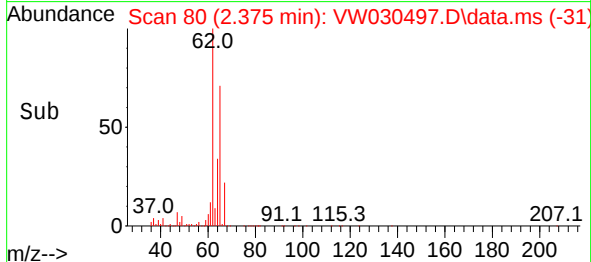
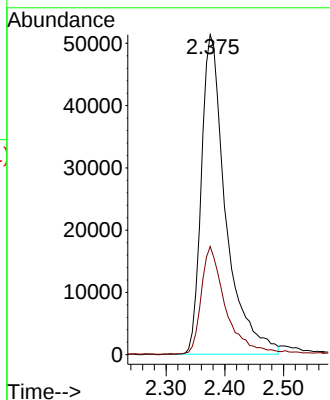
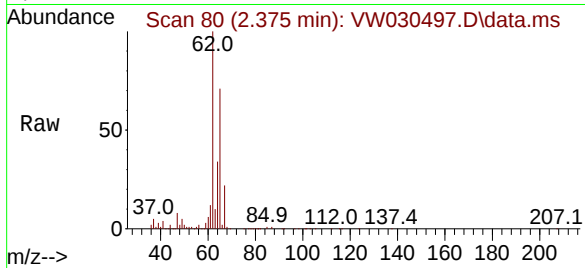




#5
 Vinyl chloride
 Concen: 22.406 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030497.D
 Acq: 10 Oct 2024 00:47

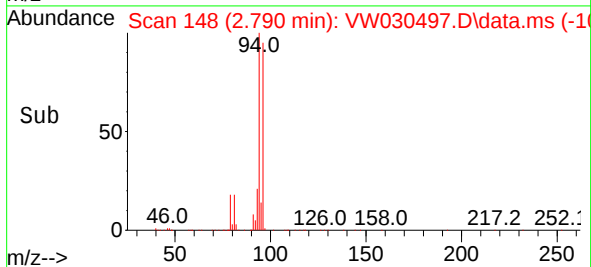
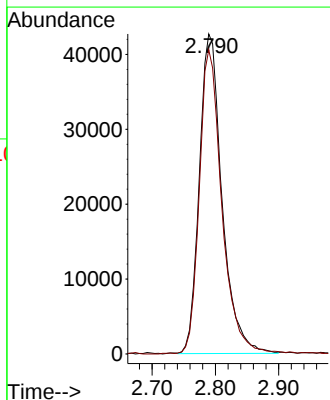
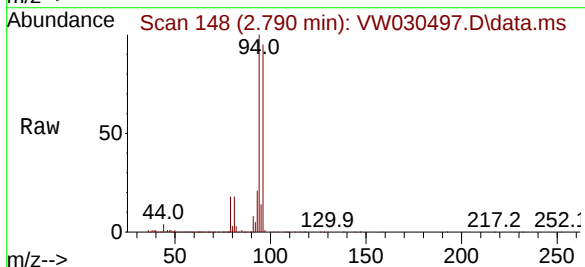
Instrument :
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 ClientSampleId :

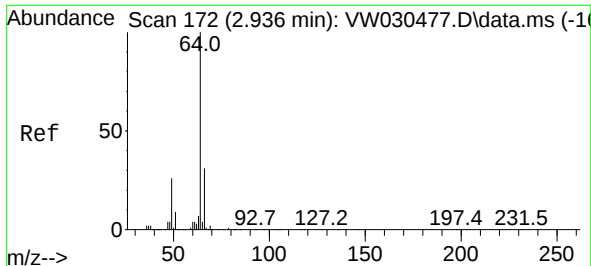
Tgt Ion: 62 Resp: 148217
 Ion Ratio Lower Upper
 62 100
 64 33.8 22.6 42.0



#6
 Bromomethane
 Concen: 24.507 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW030497.D
 Acq: 10 Oct 2024 00:47

Tgt Ion: 94 Resp: 106703
 Ion Ratio Lower Upper
 94 100
 96 95.1 62.6 116.2

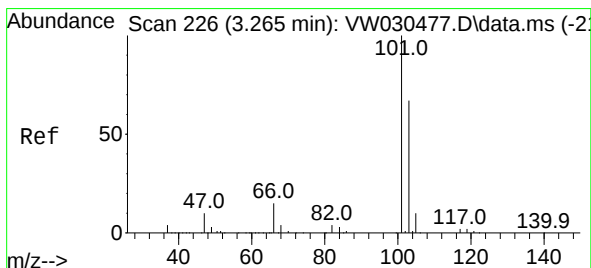
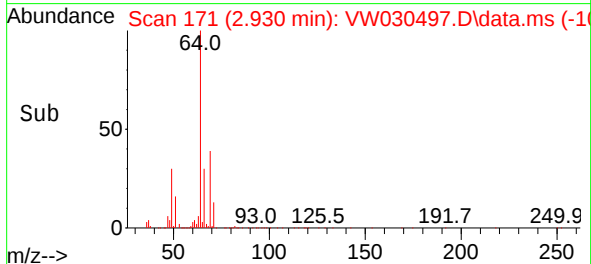
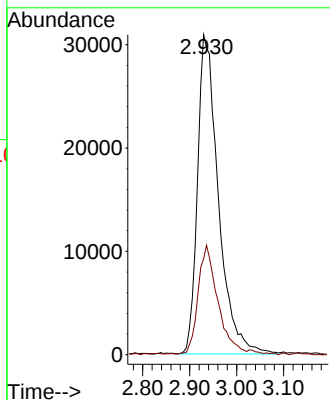
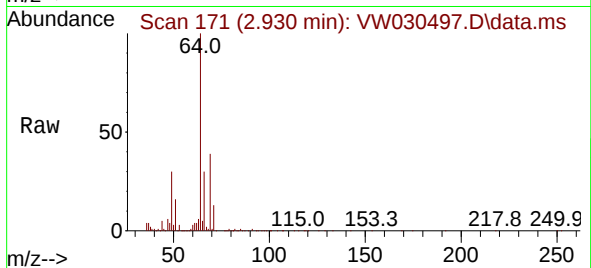




#8
Chloroethane
Concen: 23.618 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW030497.D
Acq: 10 Oct 2024 00:47

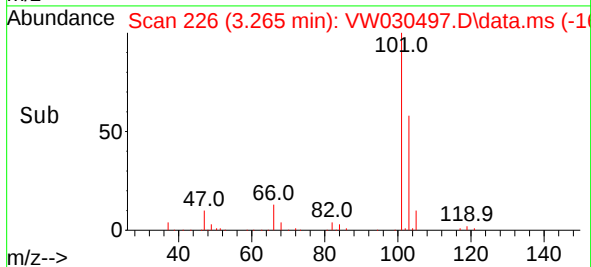
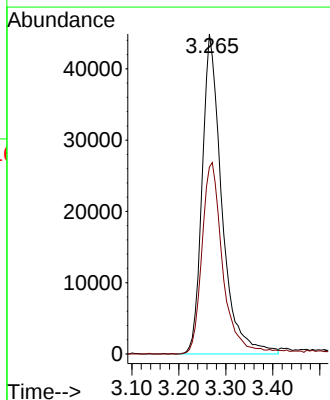
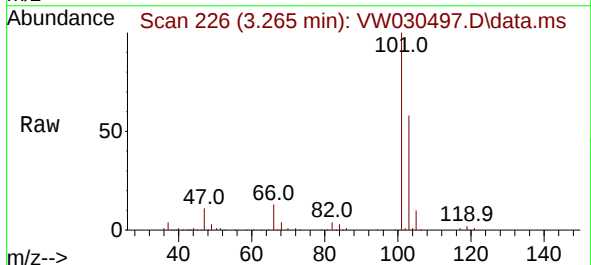
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MSVOA_W
ClientSampleId :

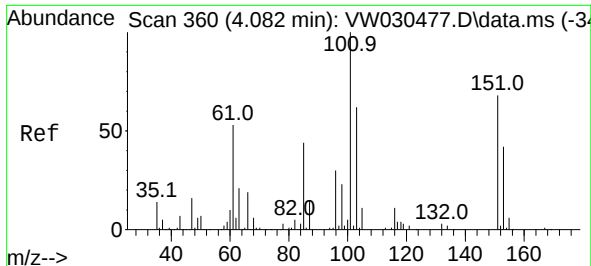
Tgt Ion: 64 Resp: 95504
Ion Ratio Lower Upper
64 100
66 30.0 22.3 41.5



#9
Trichlorofluoromethane
Concen: 22.077 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW030497.D
Acq: 10 Oct 2024 00:47

Tgt Ion:101 Resp: 130671
Ion Ratio Lower Upper
101 100
103 62.0 51.1 76.7





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 22.556 ug/L

RT: 4.076 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW030497.D

Acq: 10 Oct 2024 00:47

Instrument :

MSVOA_W

ClientSampleId :

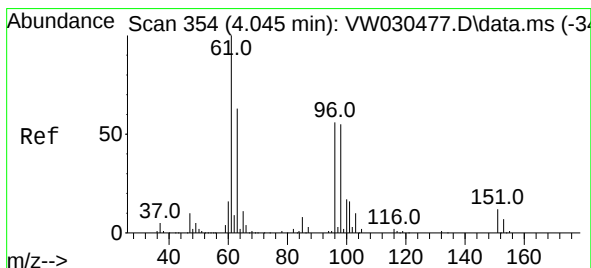
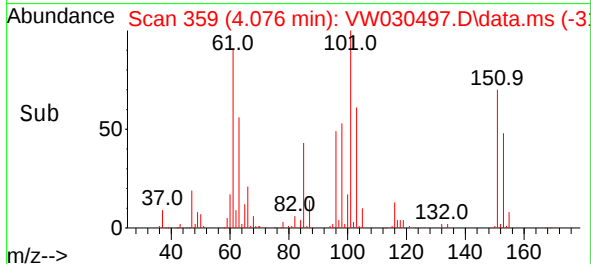
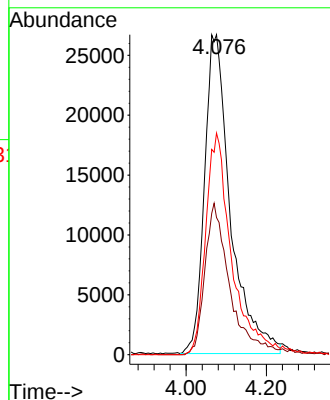
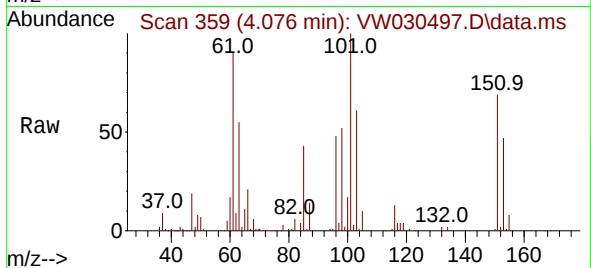
Tgt Ion:101 Resp: 120115

Ion Ratio Lower Upper

101 100

85 44.2 35.7 53.5

151 64.9 56.1 84.1



#12

1,1-Dichloroethene

Concen: 23.104 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW030497.D

Acq: 10 Oct 2024 00:47

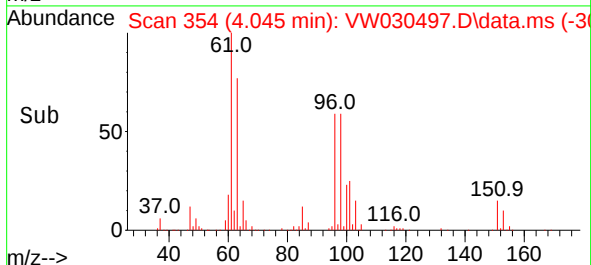
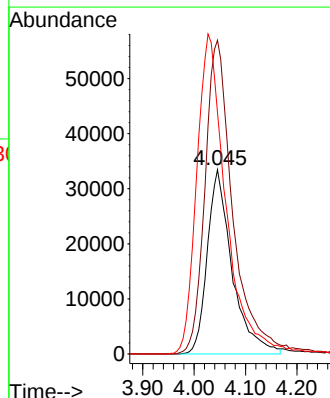
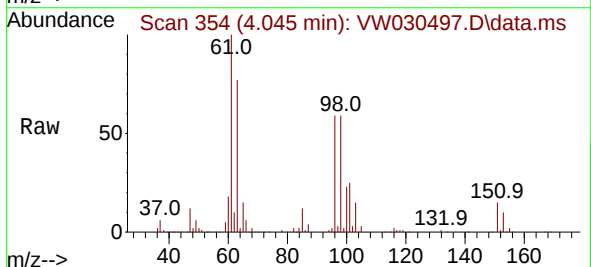
Tgt Ion: 96 Resp: 112286

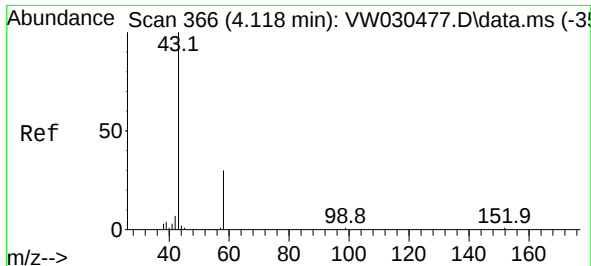
Ion Ratio Lower Upper

96 100

61 170.4 121.3 225.3

63 131.1 87.6 162.8

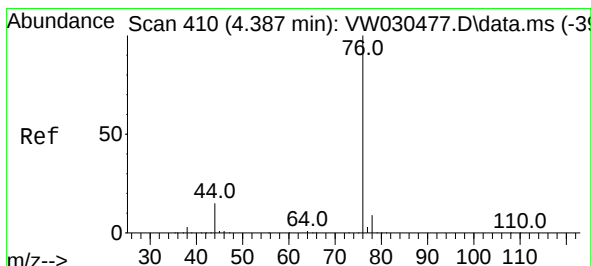
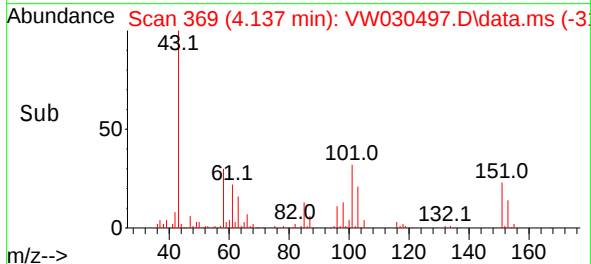
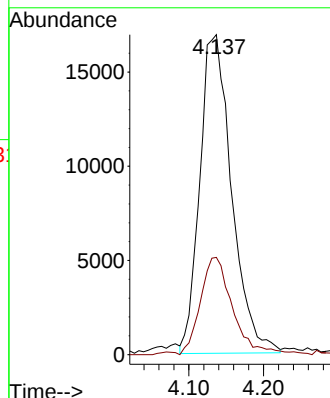
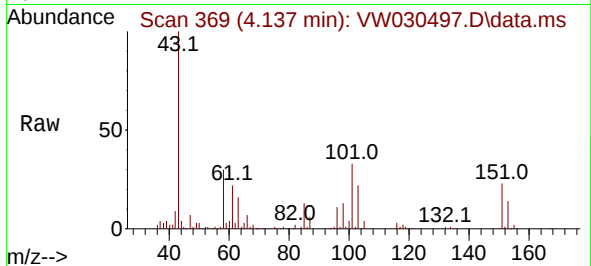




#13
Acetone
Concen: 33.391 ug/L
RT: 4.137 min Scan# 369
Delta R.T. 0.019 min
Lab File: VW030497.D
Acq: 10 Oct 2024 00:47

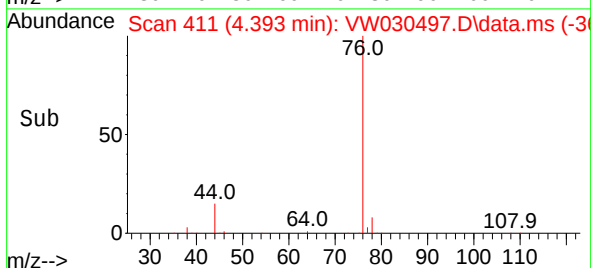
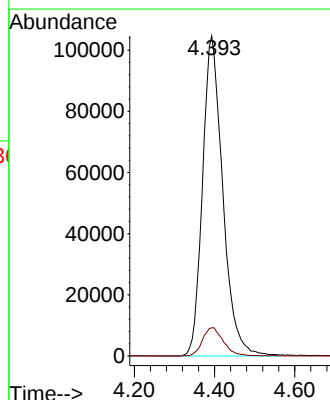
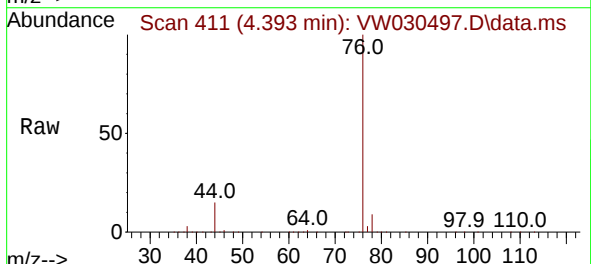
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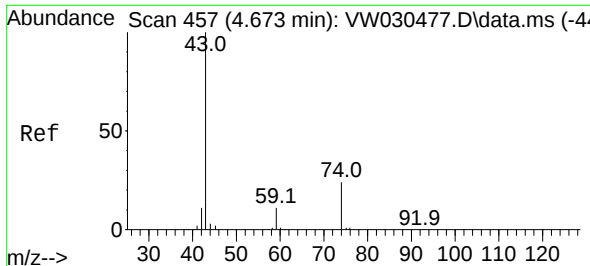
Tgt Ion: 43 Resp: 50091
Ion Ratio Lower Upper
43 100
58 29.2 0.0 57.6



#14
Carbon disulfide
Concen: 23.099 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW030497.D
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Tgt Ion: 76 Resp: 366585
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7

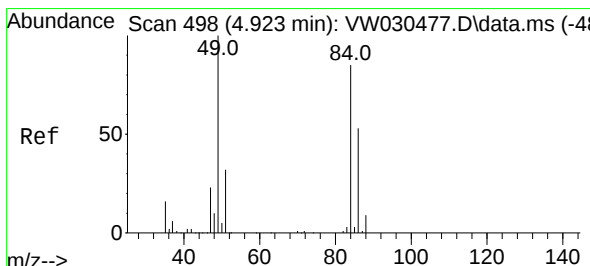
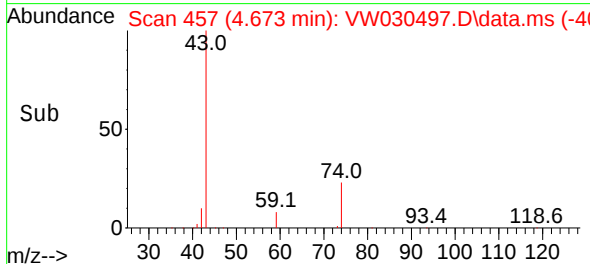
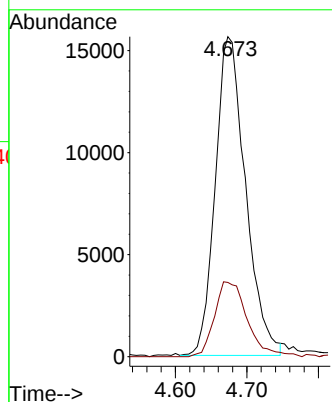
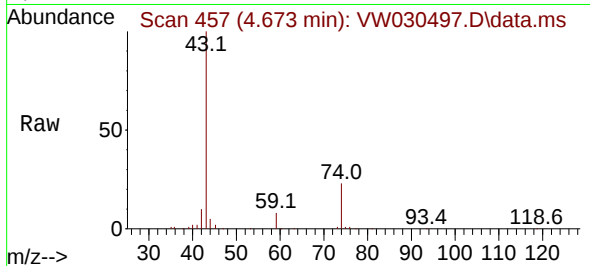




#15
Methyl Acetate
Concen: 24.763 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW030497.D
Acq: 10 Oct 2024 00:47

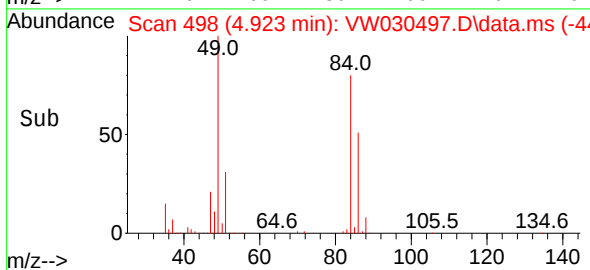
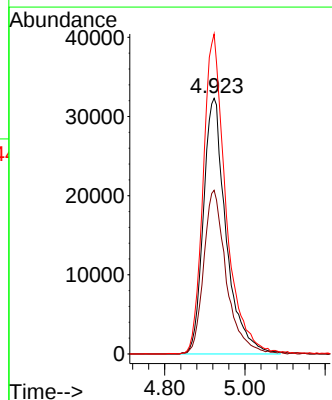
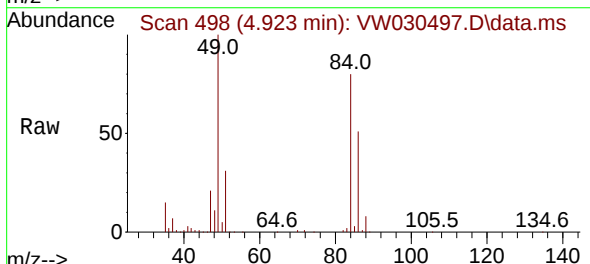
Instrument :
MSVOA_W
ClientSampleId :

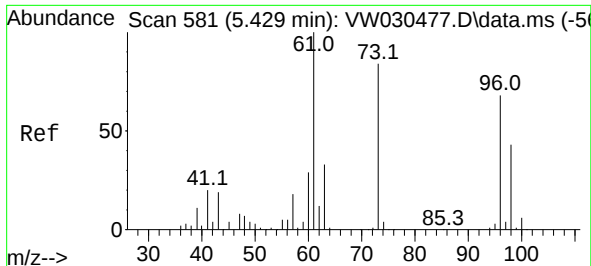
Tgt Ion: 43 Resp: 45887
Ion Ratio Lower Upper
43 100
74 25.3 19.3 28.9



#16
Methylene chloride
Concen: 23.193 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW030497.D
Acq: 10 Oct 2024 00:47

Tgt Ion: 84 Resp: 127010
Ion Ratio Lower Upper
84 100
86 64.0 43.8 81.3
49 125.1 88.3 164.1





#17

trans-1,2-Dichloroethene

Concen: 24.487 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW030497.D

Acq: 10 Oct 2024 00:47

Instrument :

MSVOA_W

ClientSampleId :

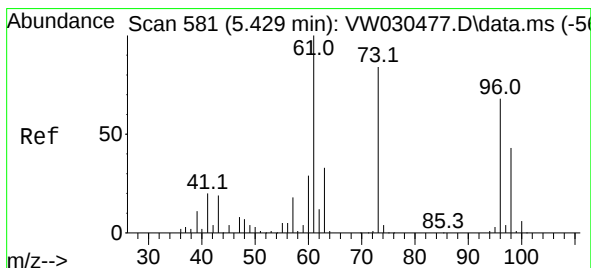
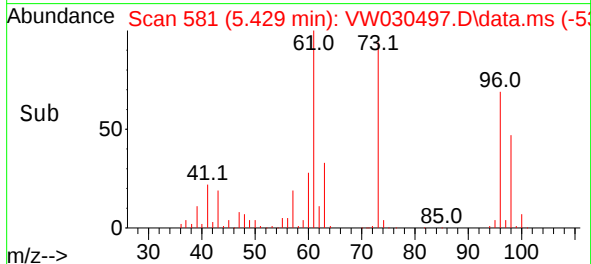
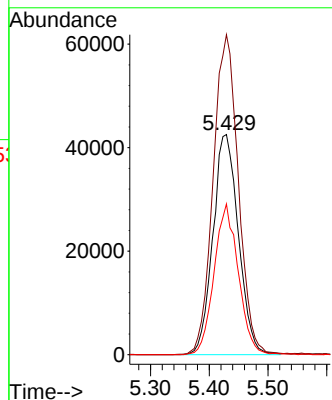
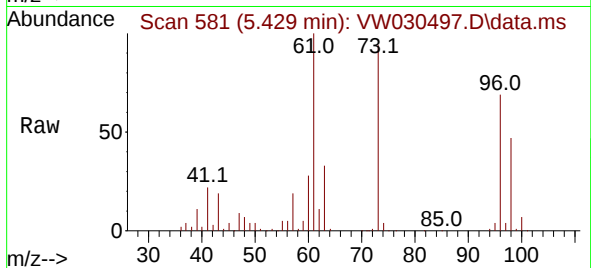
Tgt Ion: 96 Resp: 128415

Ion Ratio Lower Upper

96 100

61 145.4 96.9 179.9

98 68.5 42.2 78.4



#18

Methyl tert-butyl Ether

Concen: 26.648 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW030497.D

Acq: 10 Oct 2024 00:47

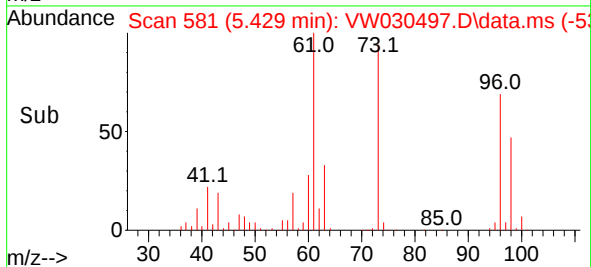
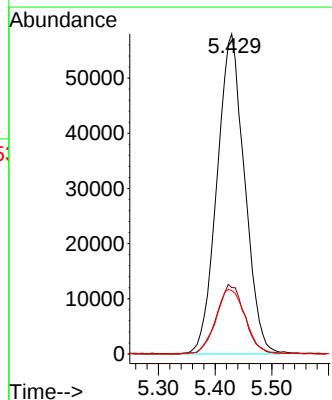
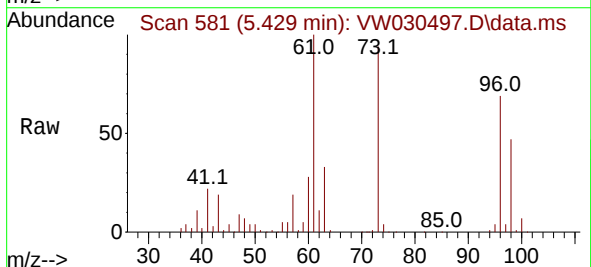
Tgt Ion: 73 Resp: 195582

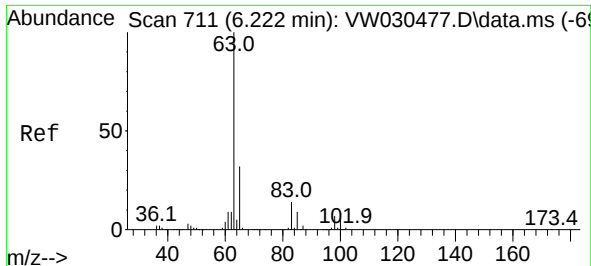
Ion Ratio Lower Upper

73 100

43 22.1 18.1 27.1

57 21.7 17.7 26.5





#19

1,1-Dichloroethane

Concen: 24.795 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

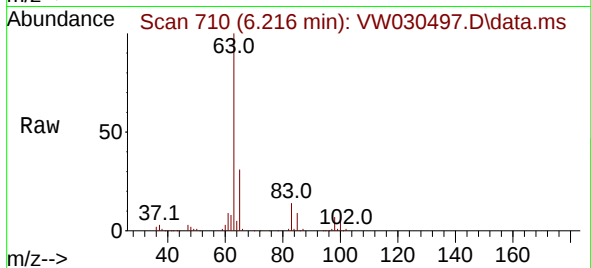
Lab File: VW030497.D

Acq: 10 Oct 2024 00:47

Instrument :

MSVOA_W

ClientSampleId :



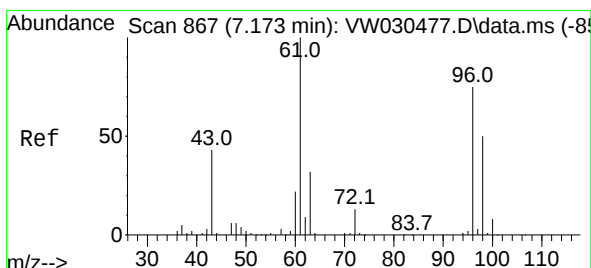
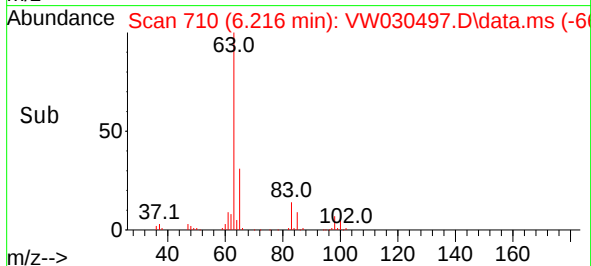
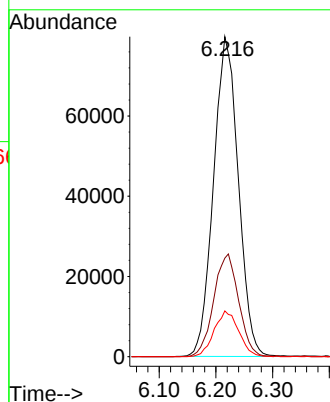
Tgt Ion: 63 Resp: 241666

Ion Ratio Lower Upper

63 100

65 30.8 22.5 41.9

83 14.3 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 25.468 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW030497.D

Acq: 10 Oct 2024 00:47

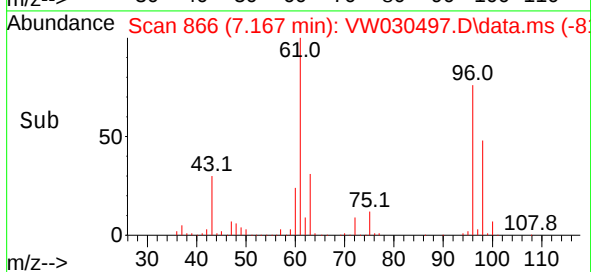
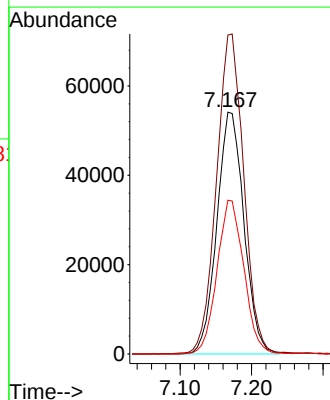
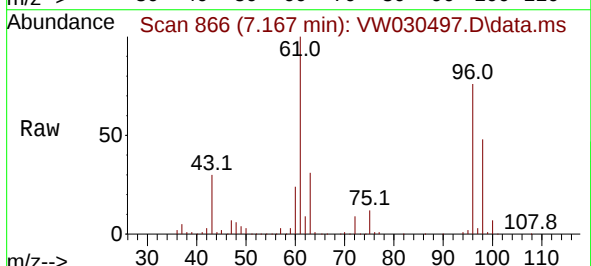
Tgt Ion: 96 Resp: 142454

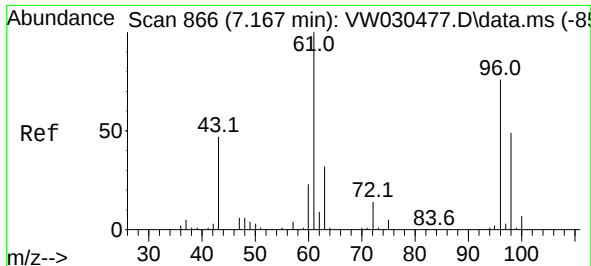
Ion Ratio Lower Upper

96 100

61 131.9 88.3 163.9

98 63.6 41.3 76.7

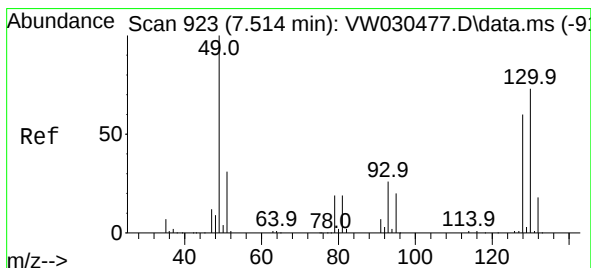
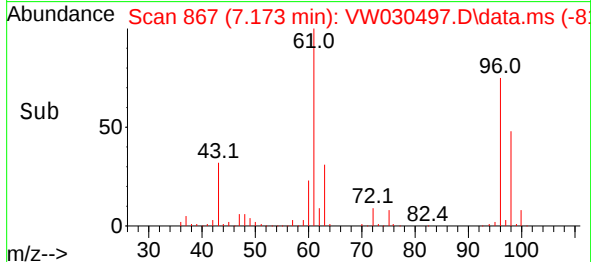
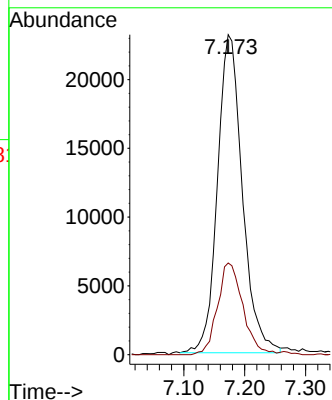
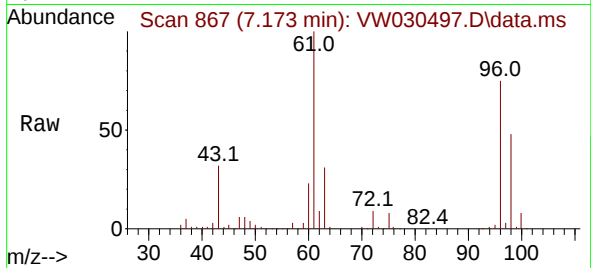




#22
2-Butanone
Concen: 40.537 ug/L
RT: 7.173 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW030497.D
Acq: 10 Oct 2024 00:47

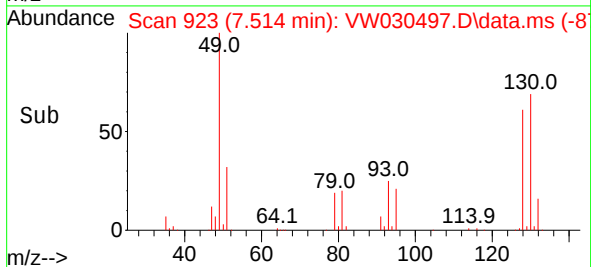
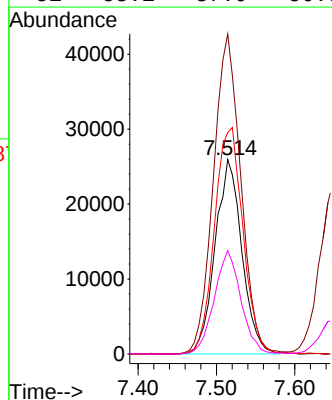
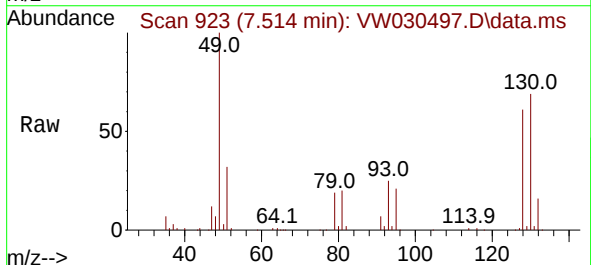
Instrument :
MSVOA_W
ClientSampleId :

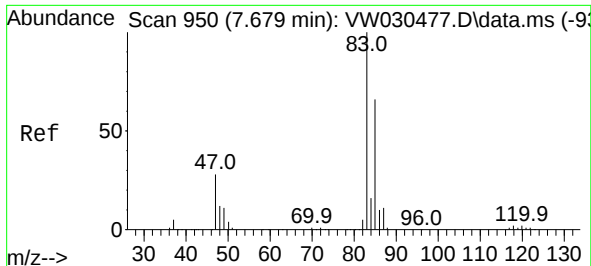
Tgt Ion: 43 Resp: 65550
Ion Ratio Lower Upper
43 100
72 29.3 14.4 43.0



#23
Bromochloromethane
Concen: 25.185 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW030497.D
Acq: 10 Oct 2024 00:47

Tgt Ion: 128 Resp: 61628
Ion Ratio Lower Upper
128 100
49 164.5 110.1 204.5
130 113.9 82.9 153.9
51 53.1 37.9 56.9





#25

Chloroform

Concen: 24.700 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW030497.D

Acq: 10 Oct 2024 00:47

Instrument :

MSVOA_W

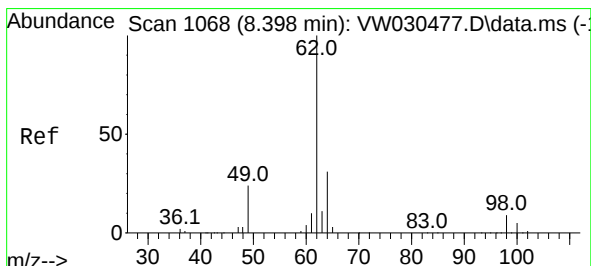
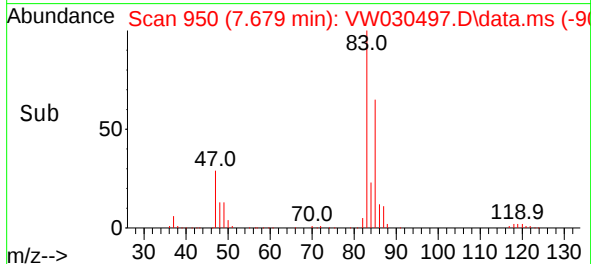
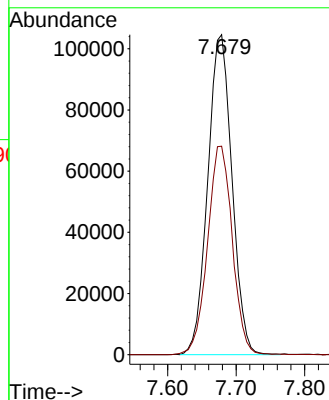
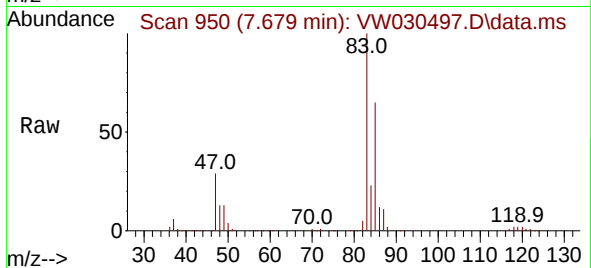
ClientSampleId :

Tgt Ion: 83 Resp: 257267

Ion Ratio Lower Upper

83 100

85 65.1 45.1 83.7



#27

1,2-Dichloroethane

Concen: 25.041 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030497.D

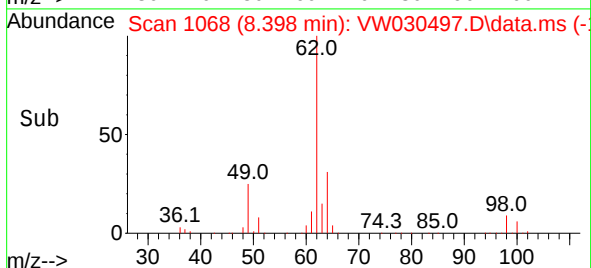
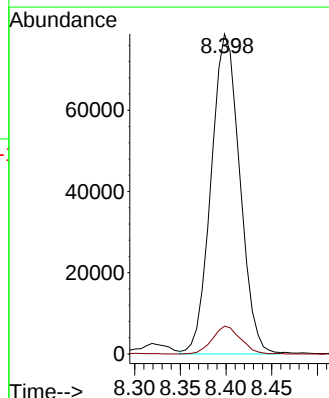
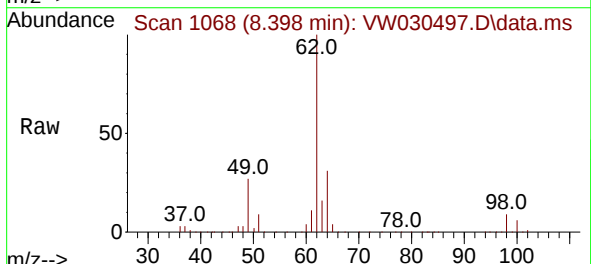
Acq: 10 Oct 2024 00:47

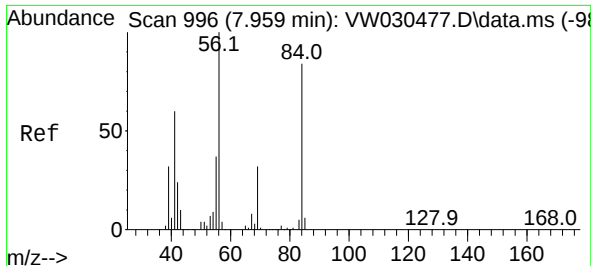
Tgt Ion: 62 Resp: 172072

Ion Ratio Lower Upper

62 100

98 8.7 7.0 10.6





#29

Cyclohexane

Concen: 24.323 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

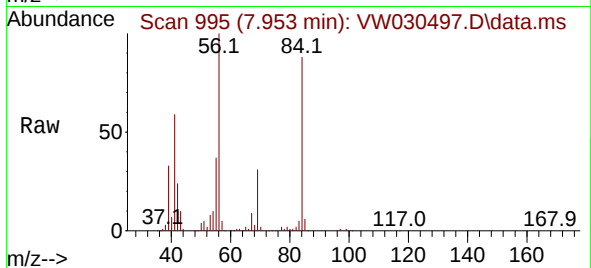
Lab File: VW030497.D

Acq: 10 Oct 2024 00:47

Instrument :

MSVOA_W

ClientSampleId :



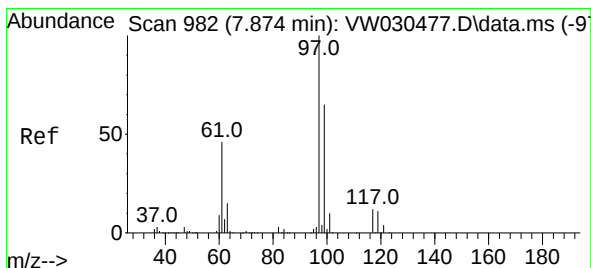
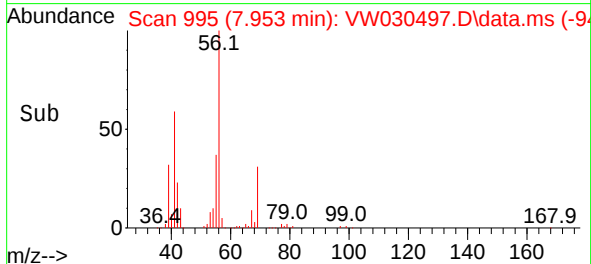
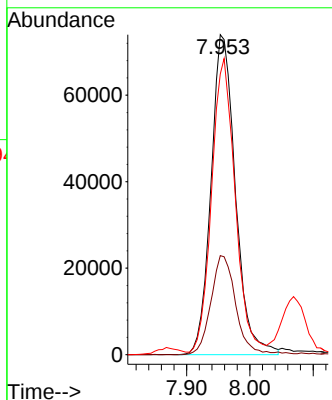
Tgt Ion: 56 Resp: 198512

Ion Ratio Lower Upper

56 100

69 31.1 25.4 38.0

84 89.6 72.3 108.5



#30

1,1,1-Trichloroethane

Concen: 23.209 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW030497.D

Acq: 10 Oct 2024 00:47

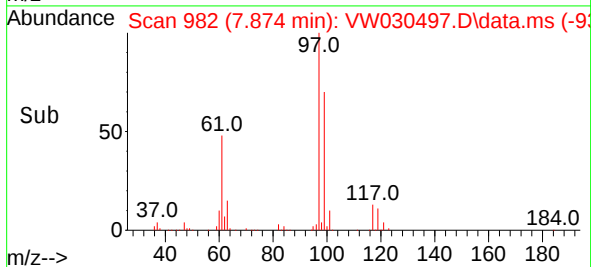
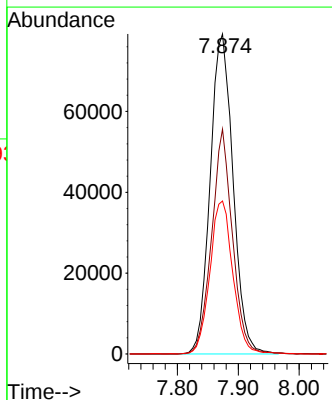
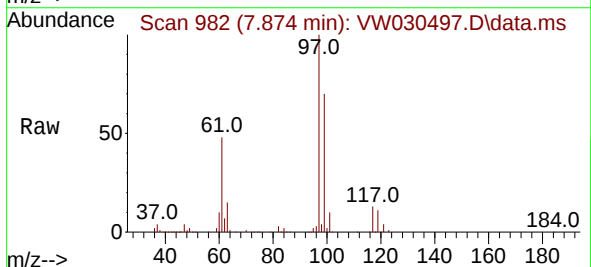
Tgt Ion: 97 Resp: 206571

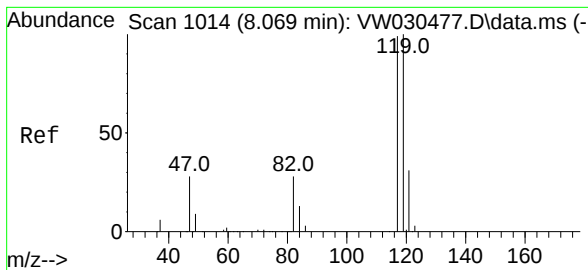
Ion Ratio Lower Upper

97 100

99 64.0 52.3 78.5

61 48.2 38.5 57.7

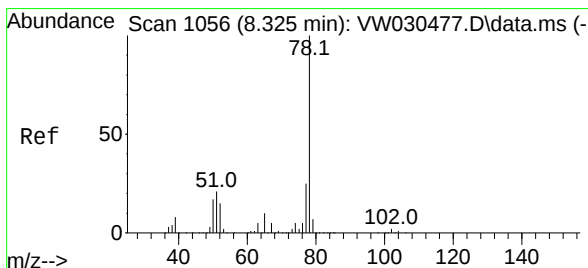
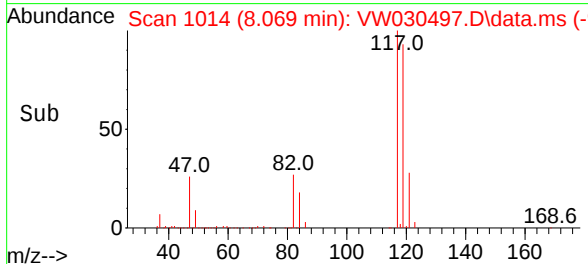
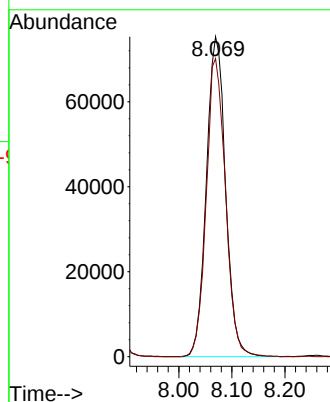
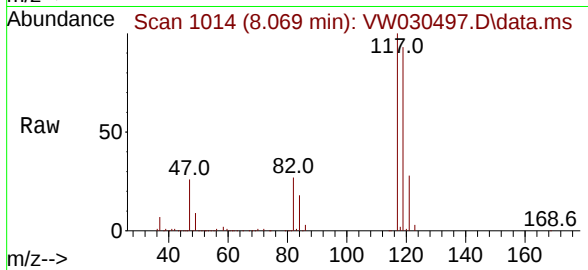




#31
Carbon tetrachloride
Concen: 23.845 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW030497.D
Acq: 10 Oct 2024 00:47

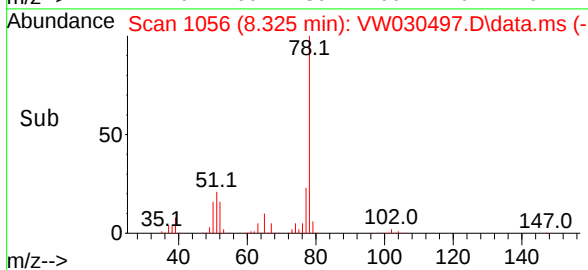
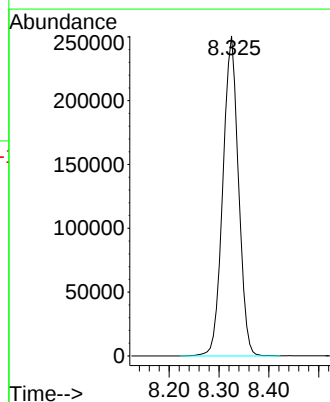
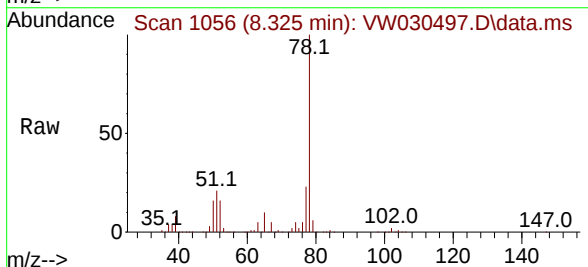
Instrument :
MSVOA_W
ClientSampleId :

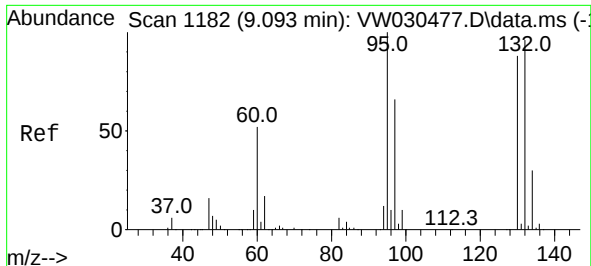
Tgt Ion:117 Resp: 189554
Ion Ratio Lower Upper
117 100
119 93.3 77.8 116.8



#33
Benzene
Concen: 25.008 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW030497.D
Acq: 10 Oct 2024 00:47

Tgt Ion: 78 Resp: 545645





#34

Trichloroethene

Concen: 23.847 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW030497.D

Acq: 10 Oct 2024 00:47

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 144753

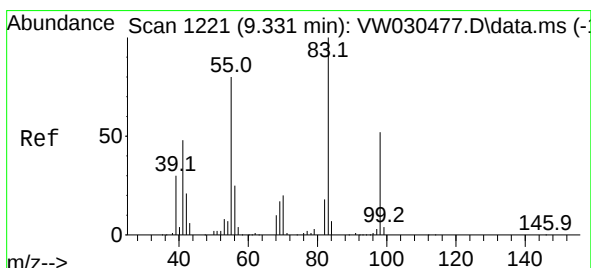
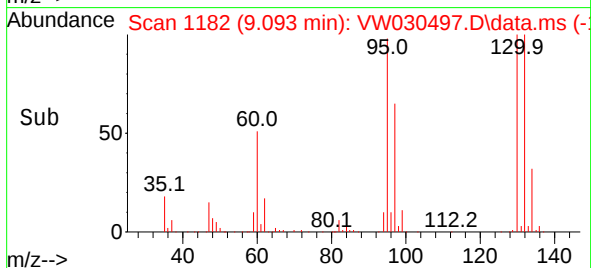
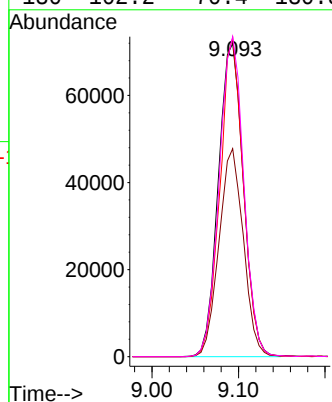
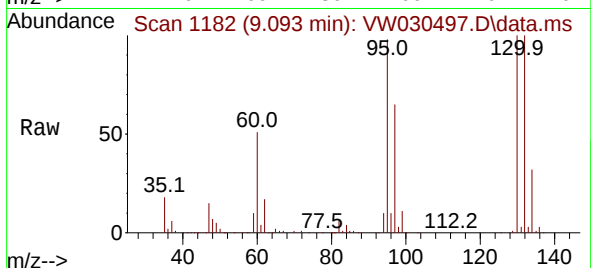
Ion Ratio Lower Upper

95 100

97 66.4 45.9 85.3

132 101.8 66.4 123.2

130 102.2 70.4 130.8



#35

Methylcyclohexane

Concen: 23.631 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW030497.D

Acq: 10 Oct 2024 00:47

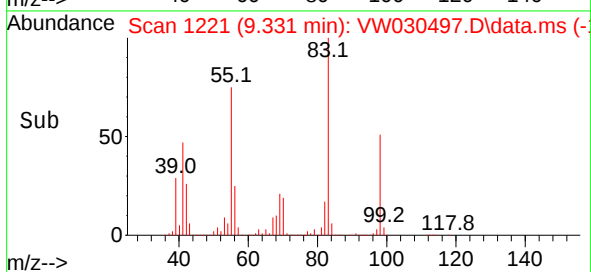
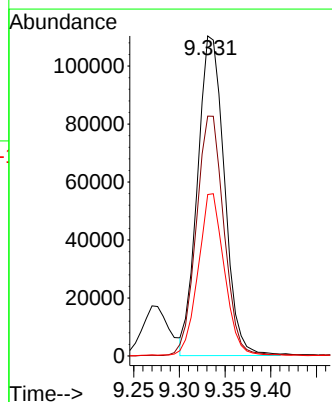
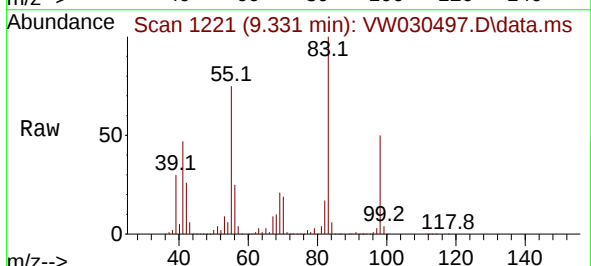
Tgt Ion: 83 Resp: 225742

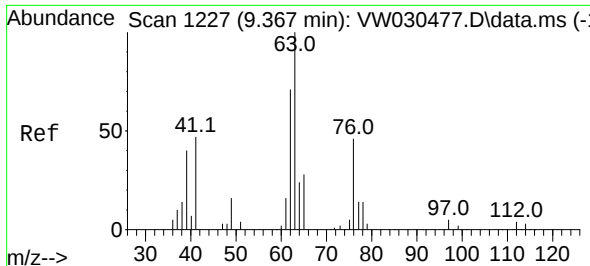
Ion Ratio Lower Upper

83 100

55 76.7 61.8 92.8

98 49.7 39.3 58.9





#37

1,2-Dichloropropane

Concen: 24.993 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030497.D

Acq: 10 Oct 2024 00:47

Instrument :

MSVOA_W

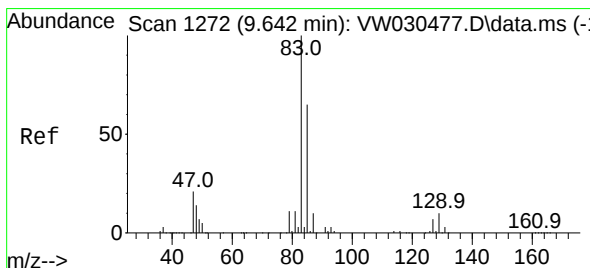
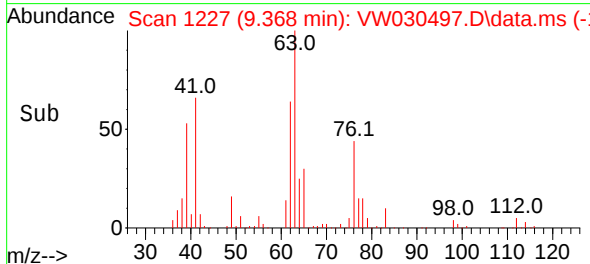
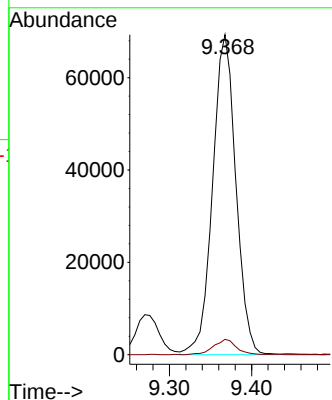
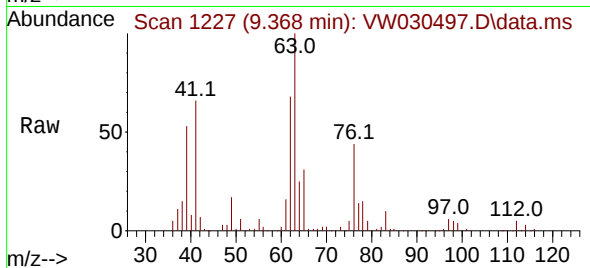
ClientSampleId :

Tgt Ion: 63 Resp: 136191

Ion Ratio Lower Upper

63 100

112 4.7 3.7 5.5



#38

Bromodichloromethane

Concen: 24.757 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030497.D

Acq: 10 Oct 2024 00:47

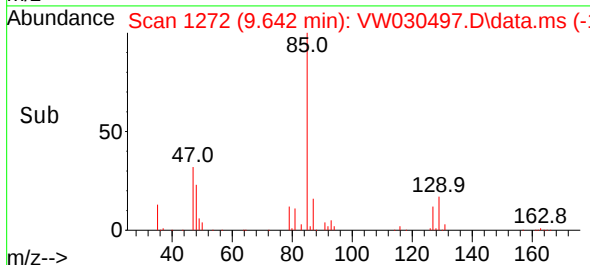
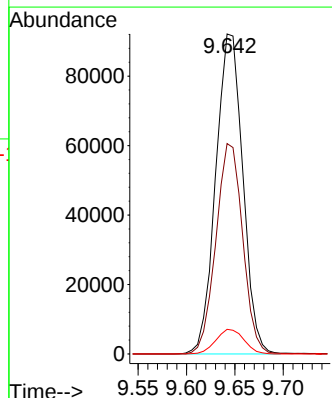
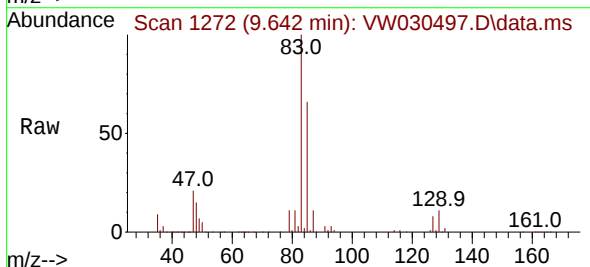
Tgt Ion: 83 Resp: 179491

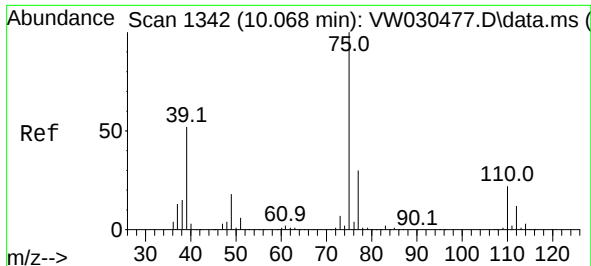
Ion Ratio Lower Upper

83 100

85 65.7 44.2 82.0

127 7.7 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 25.962 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW030497.D

Acq: 10 Oct 2024 00:47

Instrument :

MSVOA_W

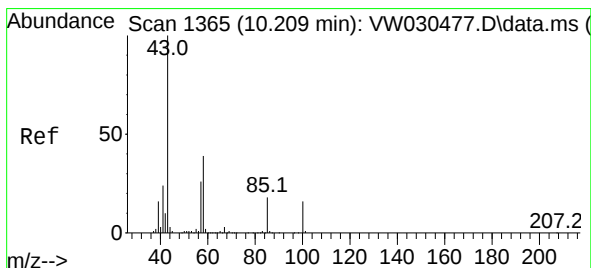
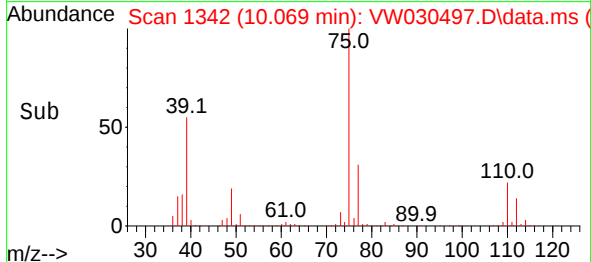
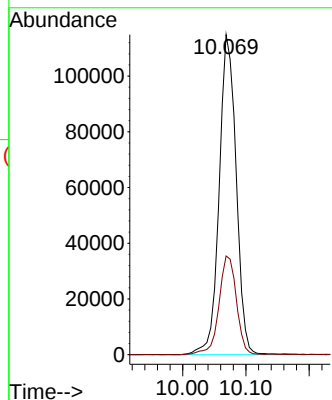
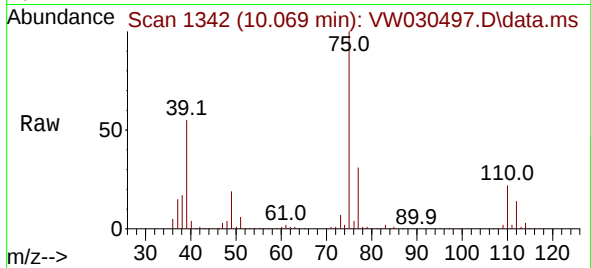
ClientSampleId :

Tgt Ion: 75 Resp: 213392

Ion Ratio Lower Upper

75 100

77 30.9 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 52.475 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030497.D

Acq: 10 Oct 2024 00:47

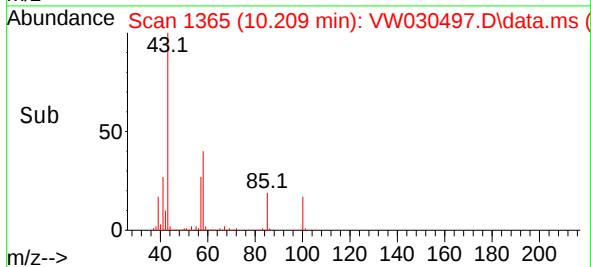
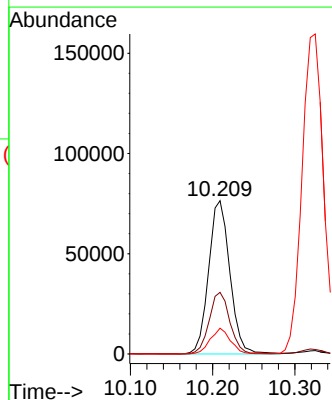
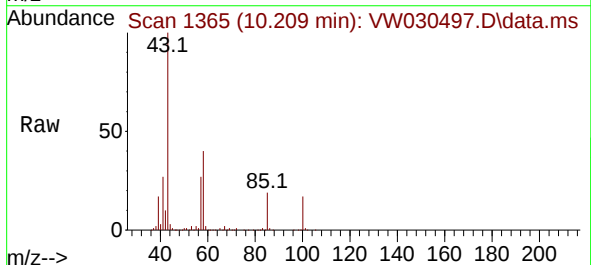
Tgt Ion: 43 Resp: 137374

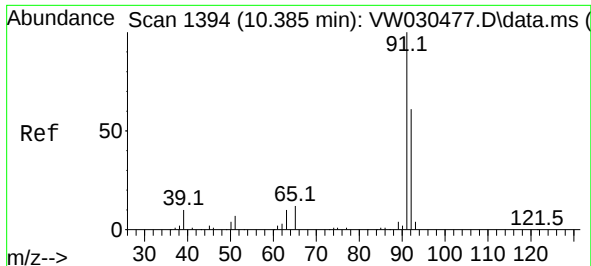
Ion Ratio Lower Upper

43 100

58 39.1 31.4 47.2

100 16.0 13.1 19.7

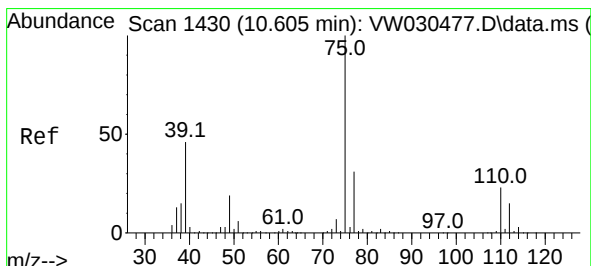
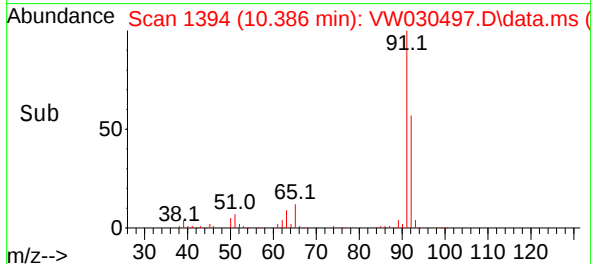
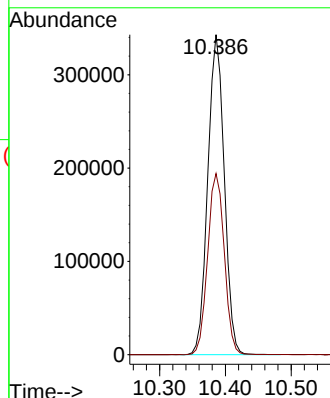
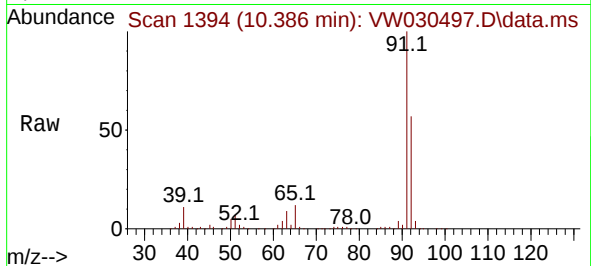




#42
Toluene
Concen: 25.679 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW030497.D
Acq: 10 Oct 2024 00:47

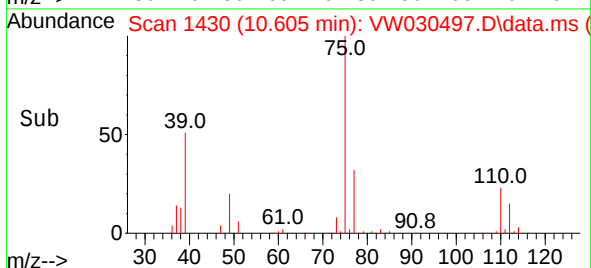
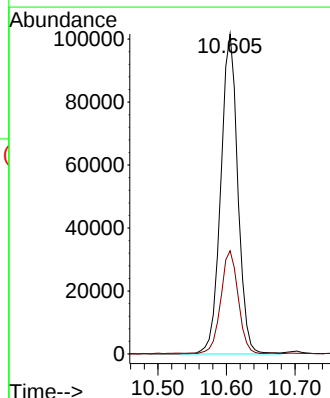
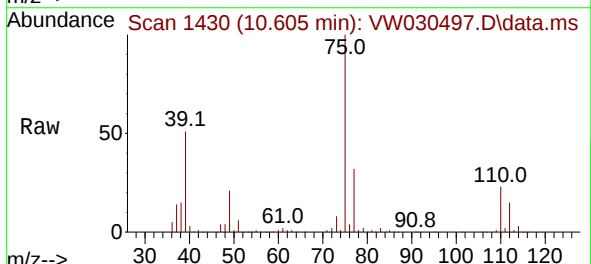
Instrument :
MSVOA_W
ClientSampleId :

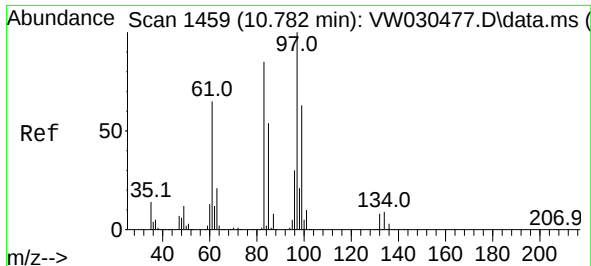
Tgt Ion: 91 Resp: 597735
Ion Ratio Lower Upper
91 100
92 56.6 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 25.306 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW030497.D
Acq: 10 Oct 2024 00:47

Tgt Ion: 75 Resp: 174787
Ion Ratio Lower Upper
75 100
77 32.3 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 24.711 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW030497.D

Acq: 10 Oct 2024 00:47

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 97320

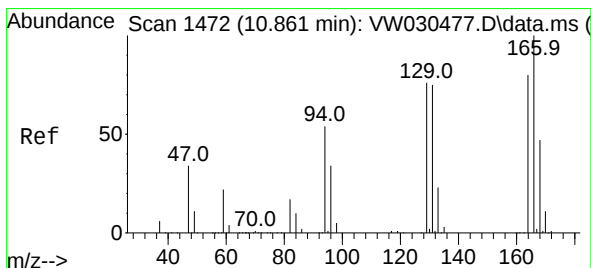
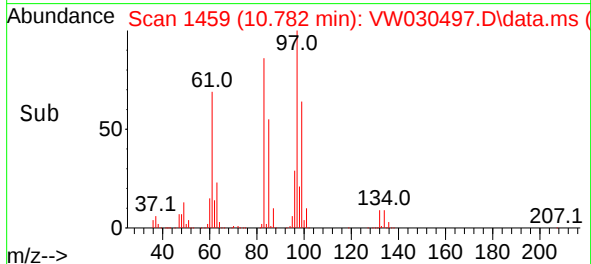
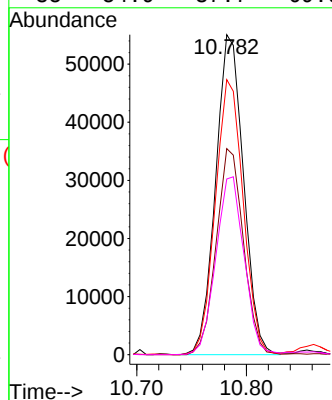
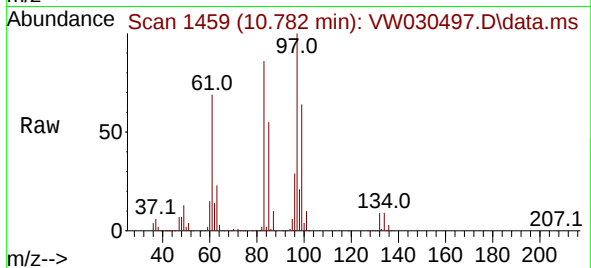
Ion Ratio Lower Upper

97 100

99 64.4 41.2 76.6

83 86.0 59.6 110.6

85 54.9 37.7 69.9



#46

Tetrachloroethene

Concen: 23.809 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030497.D

Acq: 10 Oct 2024 00:47

Tgt Ion:164 Resp: 106593

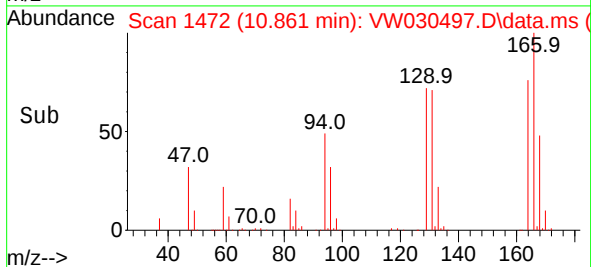
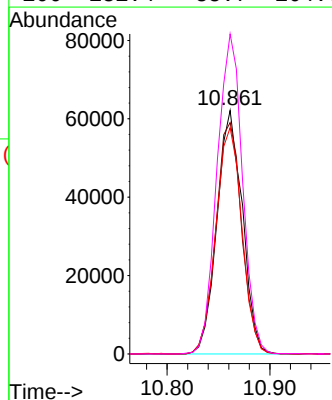
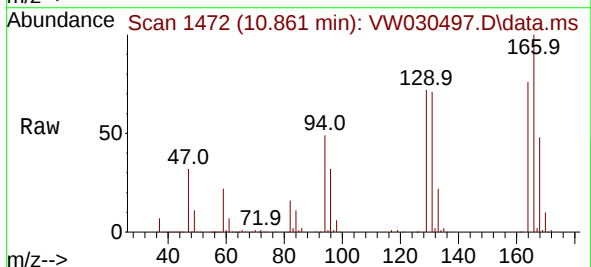
Ion Ratio Lower Upper

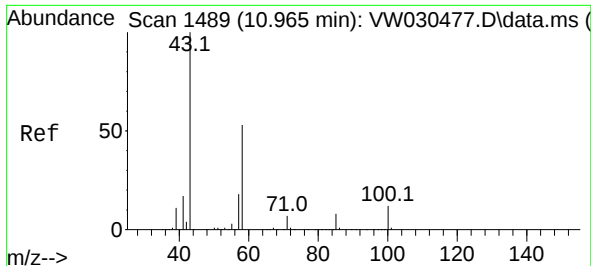
164 100

129 95.0 66.6 123.6

131 92.9 63.7 118.3

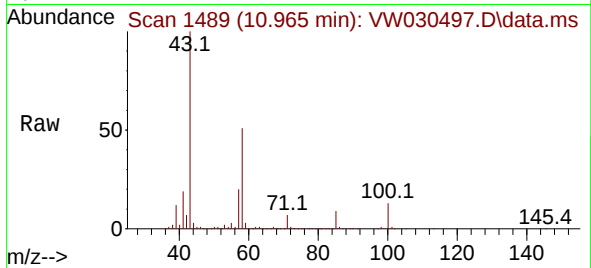
166 131.4 88.7 164.7



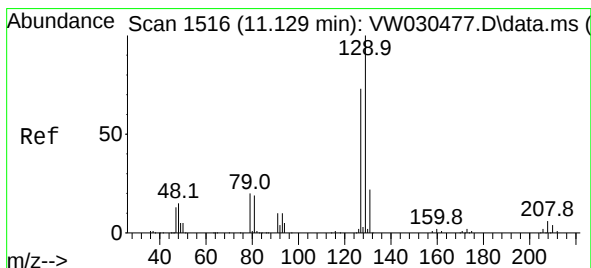
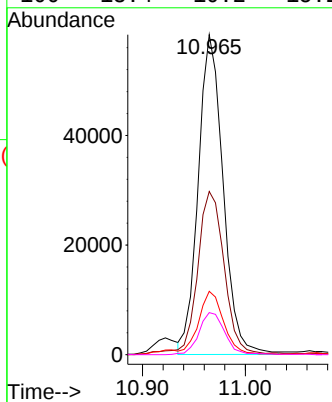
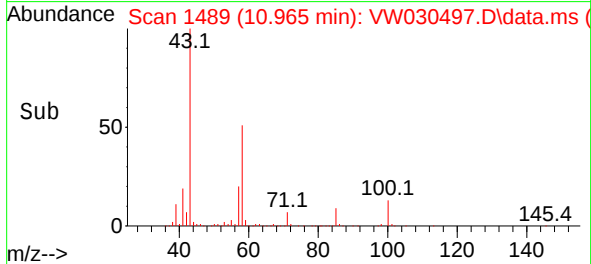


#48
2-Hexanone
Concen: 45.968 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030497.D
Acq: 10 Oct 2024 00:47

Instrument :
MSVOA_W
ClientSampleId :

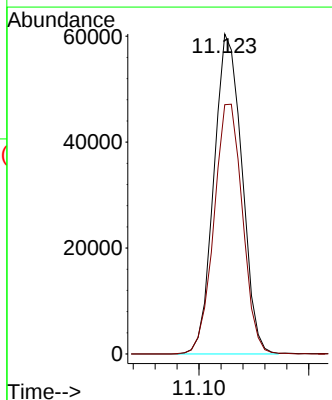
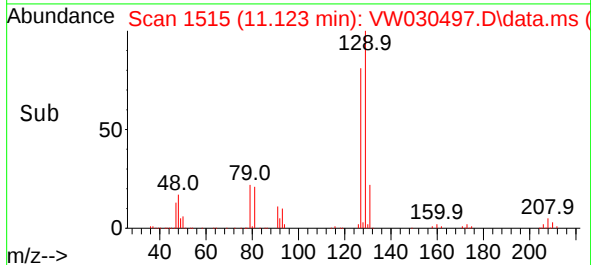
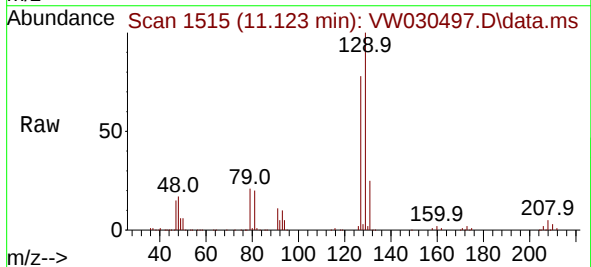


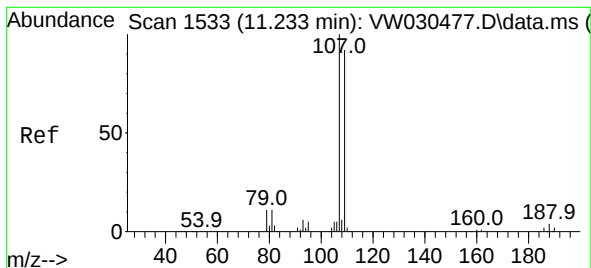
Tgt Ion: 43	Resp: 98411
Ion Ratio	Lower Upper
43	100
58	54.9 44.6 67.0
57	19.9 15.8 23.8
100	13.4 10.2 15.2



#49
Dibromochloromethane
Concen: 24.444 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW030497.D
Acq: 10 Oct 2024 00:47

Tgt Ion: 129	Resp: 107416
Ion Ratio	Lower Upper
129	100
127	77.9 56.5 104.9





#50

1,2-Dibromoethane

Concen: 25.739 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030497.D

Acq: 10 Oct 2024 00:47

Instrument :

MSVOA_W

ClientSampleId :

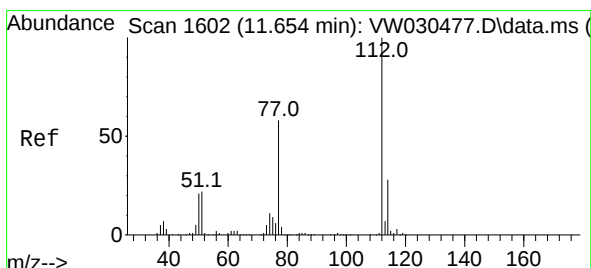
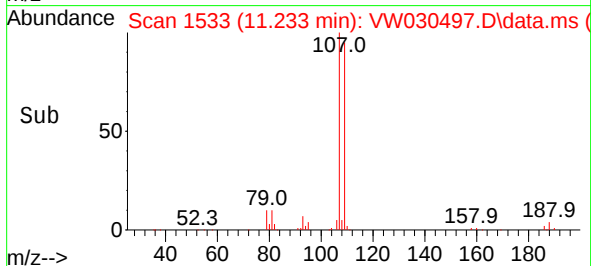
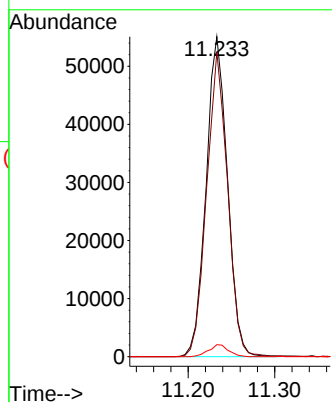
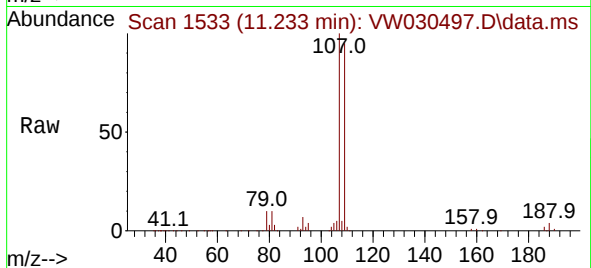
Tgt Ion:107 Resp: 94589

Ion Ratio Lower Upper

107 100

109 95.3 63.8 118.6

188 3.8 2.6 3.8



#51

Chlorobenzene

Concen: 24.446 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW030497.D

Acq: 10 Oct 2024 00:47

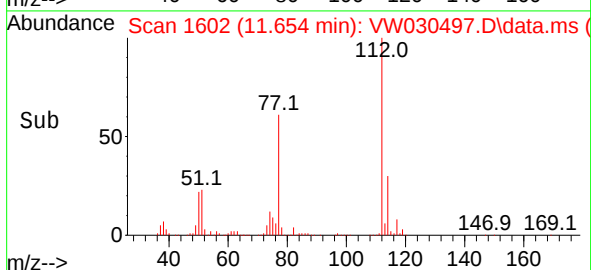
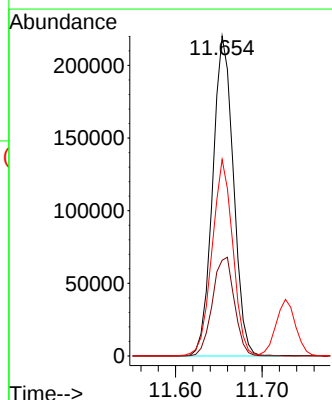
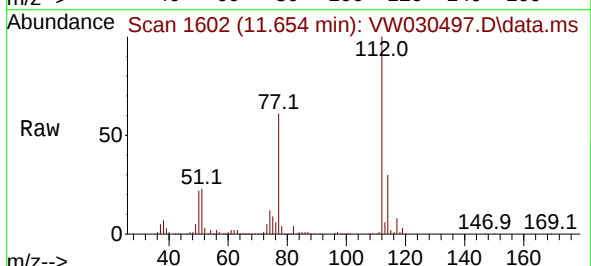
Tgt Ion:112 Resp: 366307

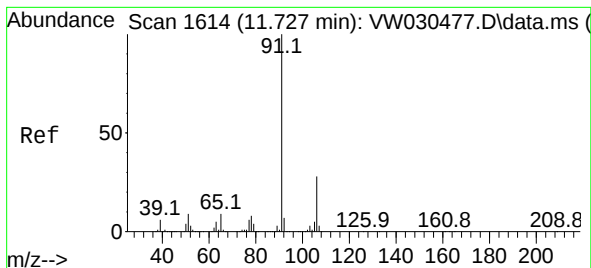
Ion Ratio Lower Upper

112 100

114 29.9 22.4 41.6

77 61.4 47.1 70.7

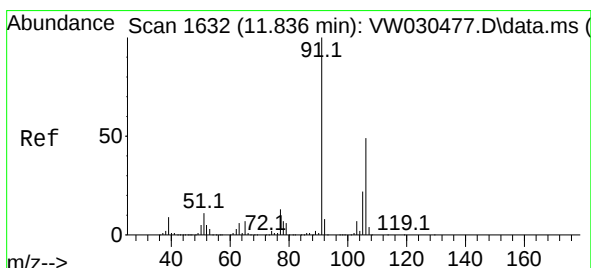
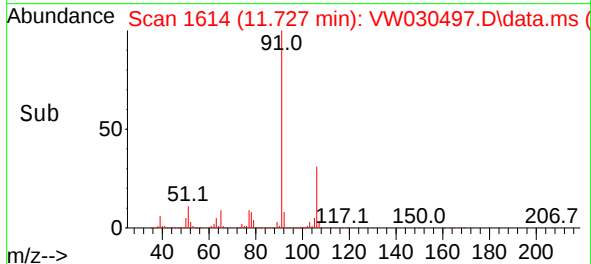
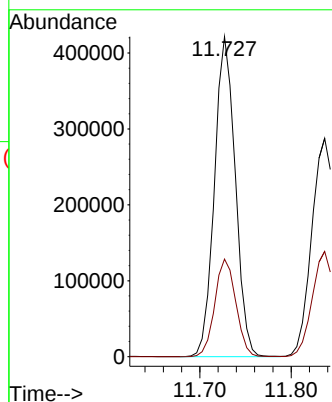
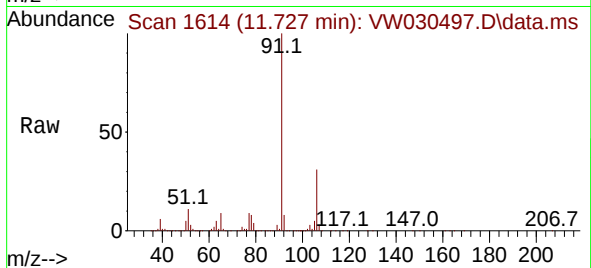




#52
Ethylbenzene
Concen: 25.152 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW030497.D
Acq: 10 Oct 2024 00:47

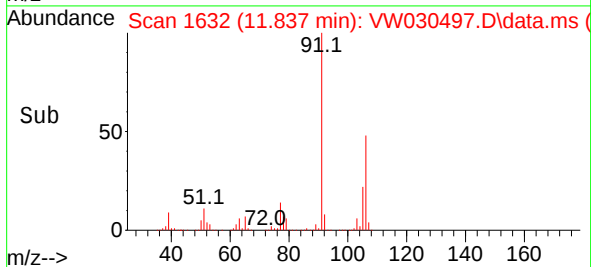
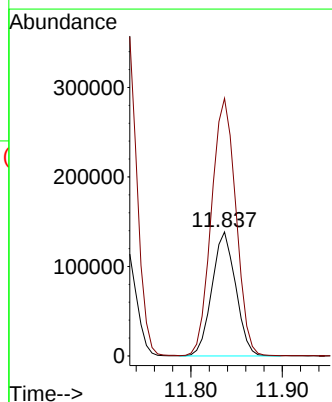
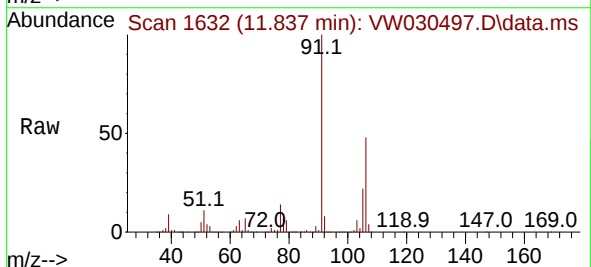
Instrument :
MSVOA_W
ClientSampleId :

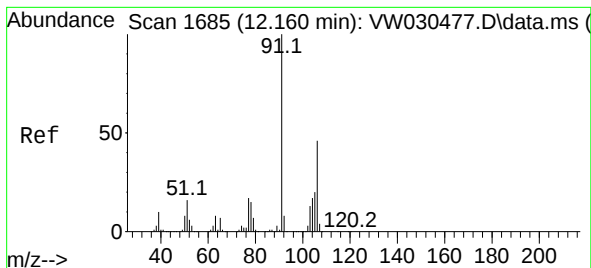
Tgt Ion: 91 Resp: 668039
Ion Ratio Lower Upper
91 100
106 30.5 21.1 39.1



#53
m,p-Xylene
Concen: 25.108 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW030497.D
Acq: 10 Oct 2024 00:47

Tgt Ion:106 Resp: 249841
Ion Ratio Lower Upper
106 100
91 207.6 140.6 261.2





#54

o-Xylene

Concen: 25.478 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030497.D

Acq: 10 Oct 2024 00:47

Instrument :

MSVOA_W

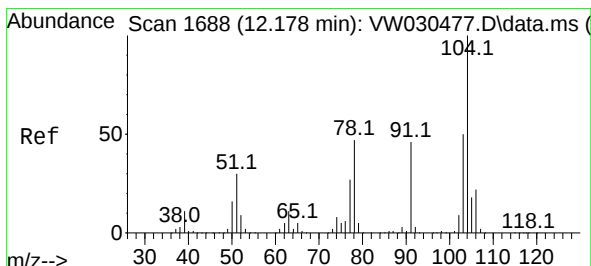
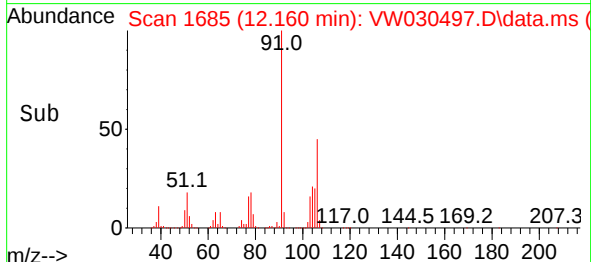
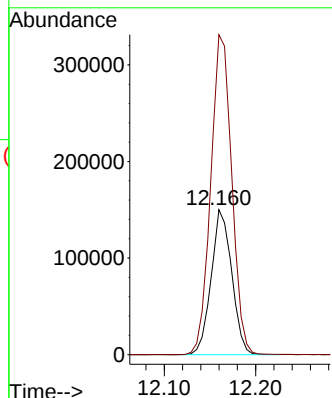
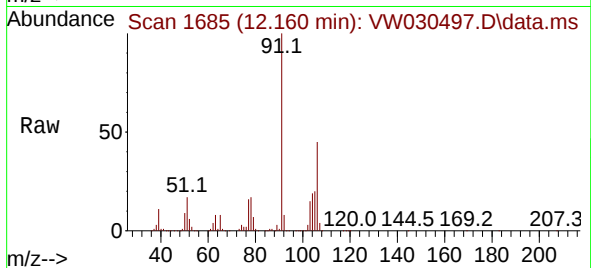
ClientSampleId :

Tgt Ion:106 Resp: 234387

Ion Ratio Lower Upper

106 100

91 220.7 144.5 268.4



#55

Styrene

Concen: 26.079 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030497.D

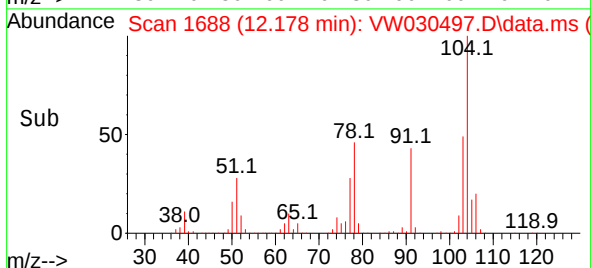
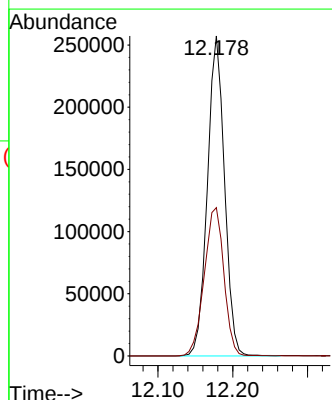
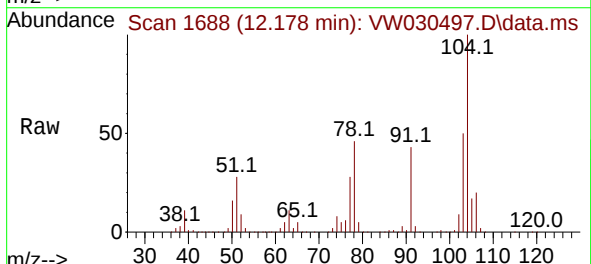
Acq: 10 Oct 2024 00:47

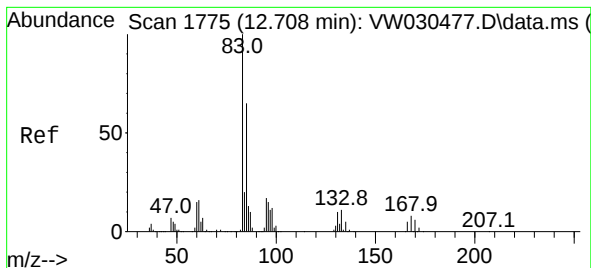
Tgt Ion:104 Resp: 410148

Ion Ratio Lower Upper

104 100

78 46.3 34.3 63.7

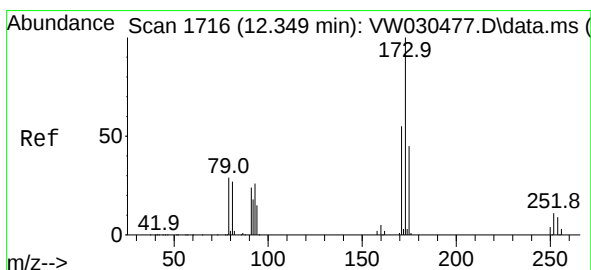
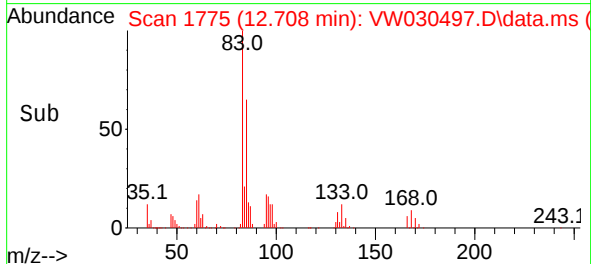
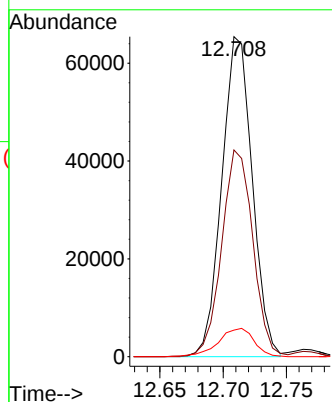
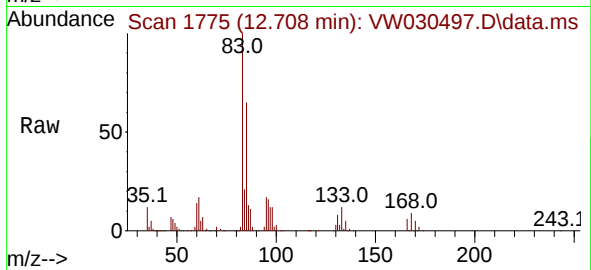




#57
1,1,2,2-Tetrachloroethane
Concen: 24.671 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW030497.D
Acq: 10 Oct 2024 00:47

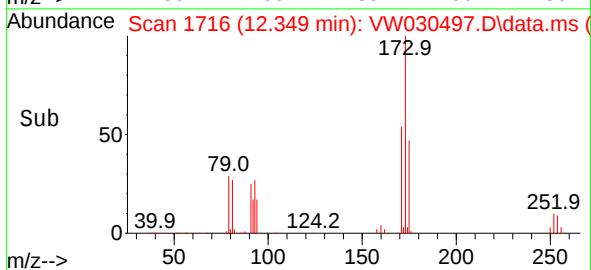
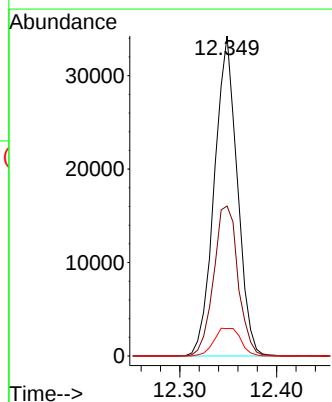
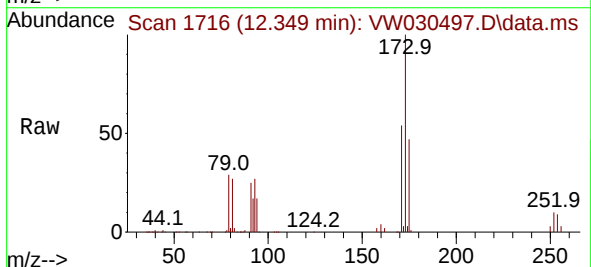
Instrument :
MSVOA_W
ClientSampleId :

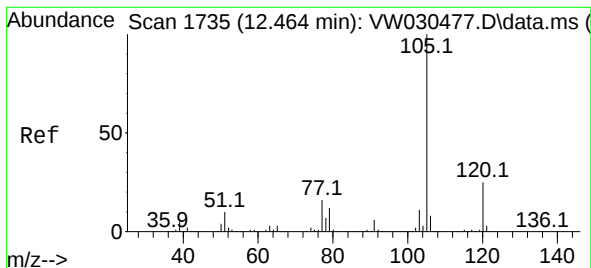
Tgt Ion: 83 Resp: 109570
Ion Ratio Lower Upper
83 100
85 64.6 42.6 79.2
131 8.3 7.4 11.0



#59
Bromoform
Concen: 24.040 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW030497.D
Acq: 10 Oct 2024 00:47

Tgt Ion:173 Resp: 56353
Ion Ratio Lower Upper
173 100
175 49.8 39.0 58.4
254 10.1 7.7 11.5





#60

Isopropylbenzene

Concen: 25.904 ug/L

RT: 12.459 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW030497.D

Acq: 10 Oct 2024 00:47

Instrument :

MSVOA_W

ClientSampleId :

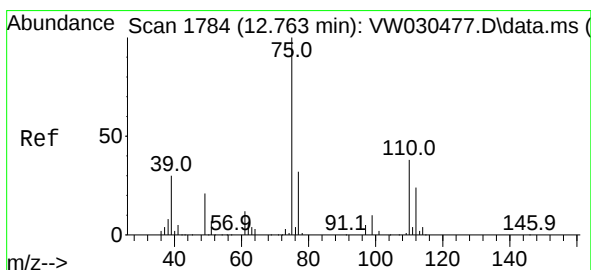
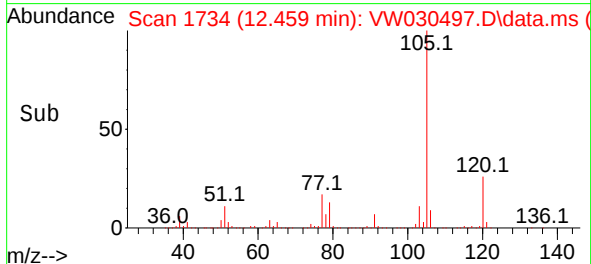
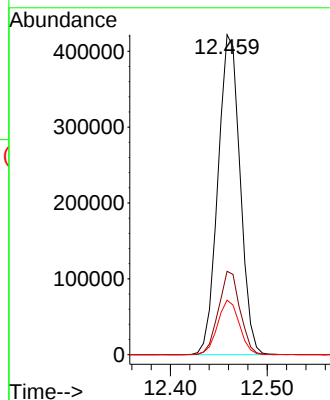
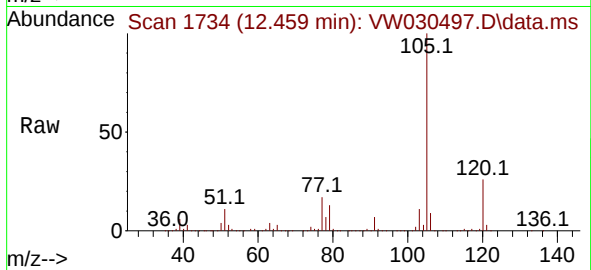
Tgt Ion:105 Resp: 669309

Ion Ratio Lower Upper

105 100

120 25.3 20.6 31.0

77 16.8 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 23.992 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VW030497.D

Acq: 10 Oct 2024 00:47

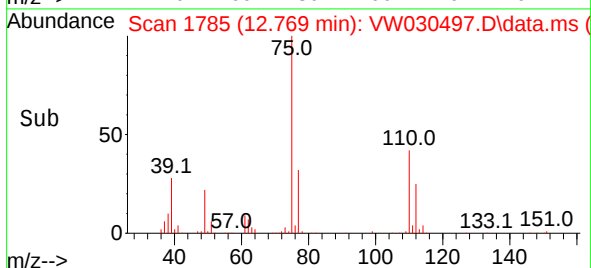
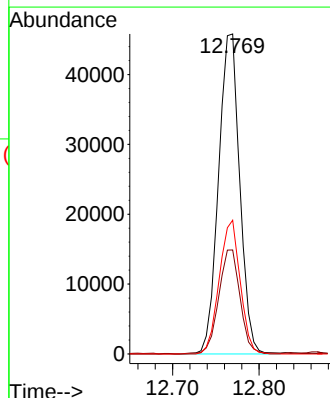
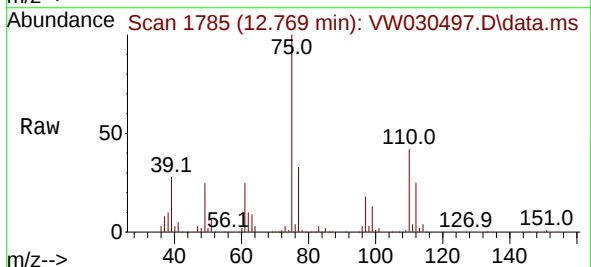
Tgt Ion: 75 Resp: 77893

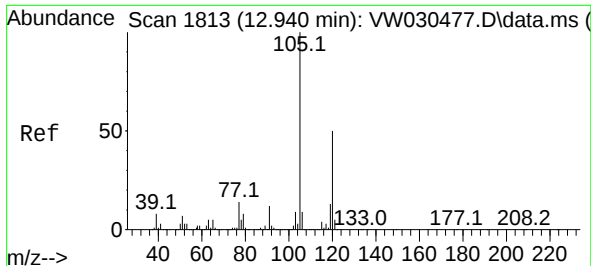
Ion Ratio Lower Upper

75 100

77 32.2 25.7 38.5

110 41.2 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 26.720 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW030497.D

Acq: 10 Oct 2024 00:47

Instrument :

MSVOA_W

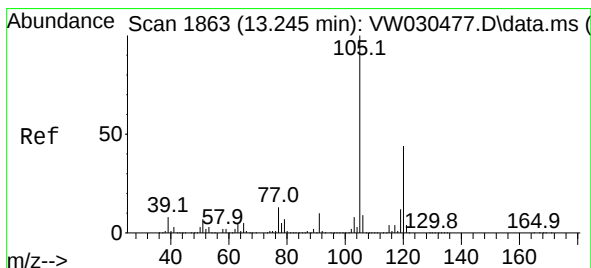
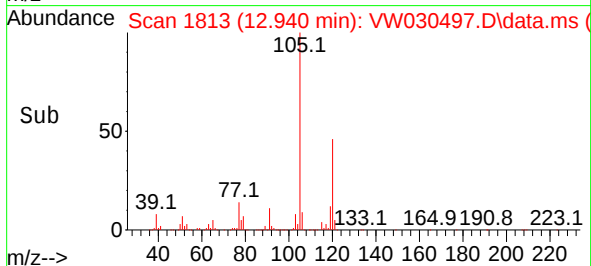
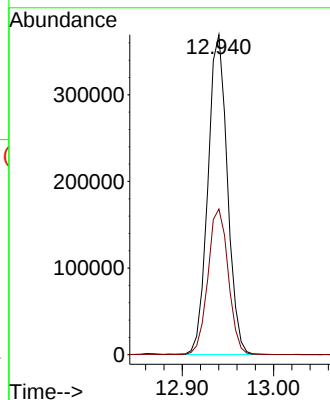
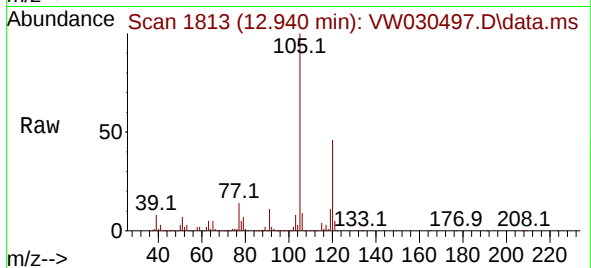
ClientSampleId :

Tgt Ion:105 Resp: 544670

Ion Ratio Lower Upper

105 100

120 47.7 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 27.258 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW030497.D

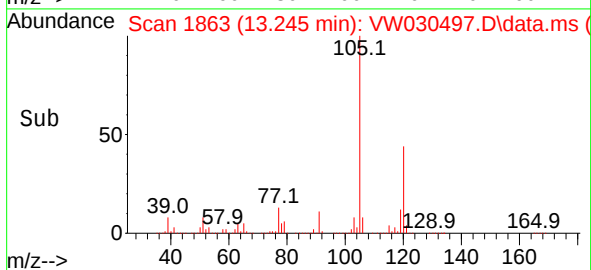
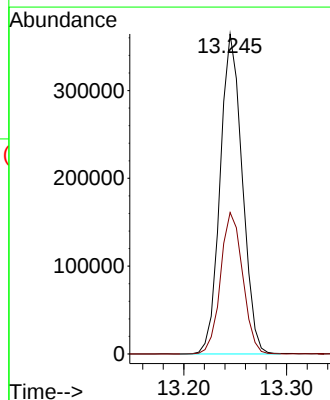
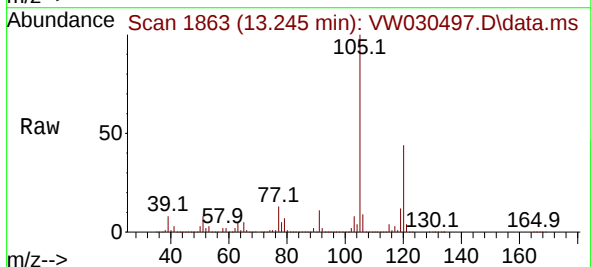
Acq: 10 Oct 2024 00:47

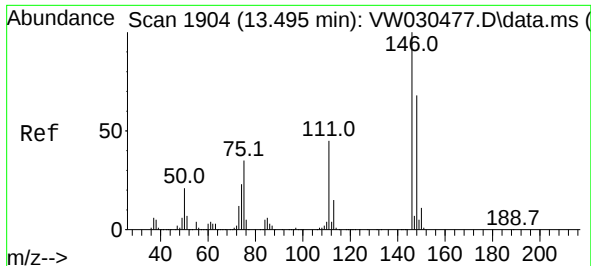
Tgt Ion:105 Resp: 544014

Ion Ratio Lower Upper

105 100

120 44.2 35.8 53.6

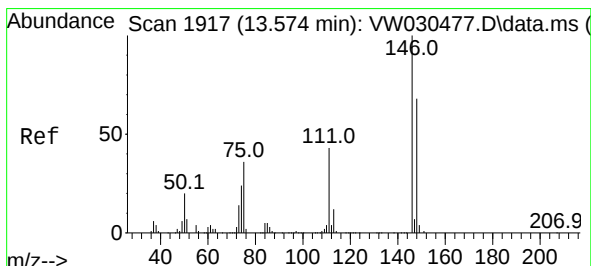
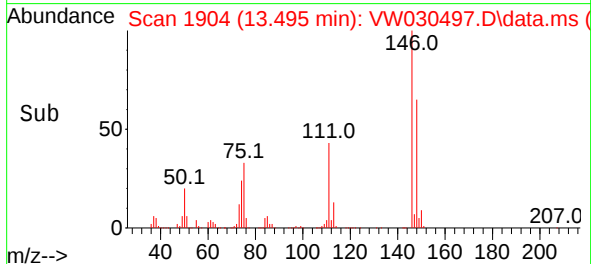
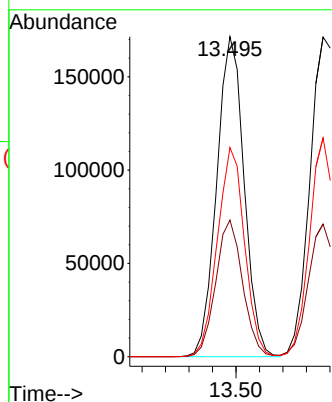
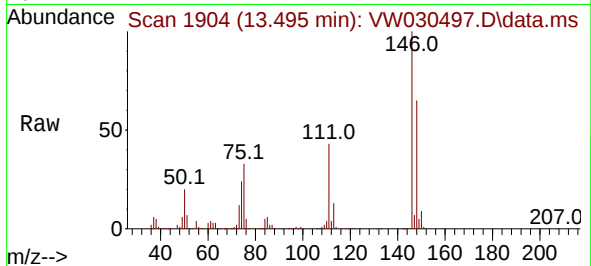




#64
1,3-Dichlorobenzene
Concen: 24.737 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030497.D
Acq: 10 Oct 2024 00:47

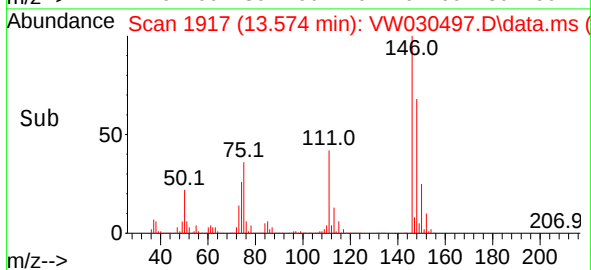
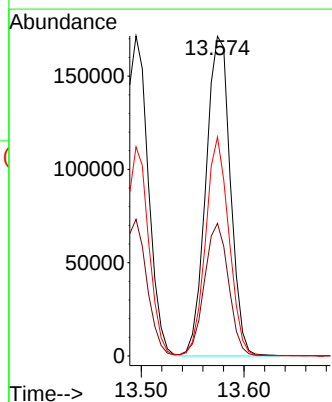
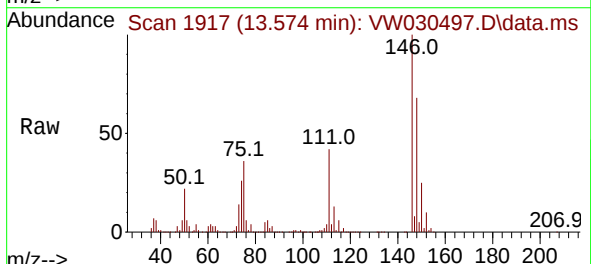
Instrument :
MSVOA_W
ClientSampleId :

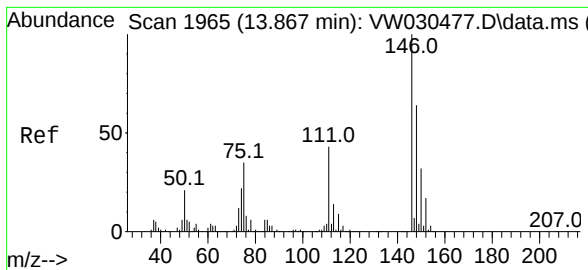
Tgt Ion:146 Resp: 278201
Ion Ratio Lower Upper
146 100
111 42.7 31.2 58.0
148 65.3 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 24.431 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030497.D
Acq: 10 Oct 2024 00:47

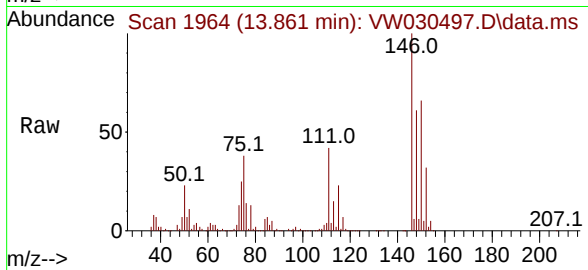
Tgt Ion:146 Resp: 283712
Ion Ratio Lower Upper
146 100
111 41.5 26.8 49.8
148 68.5 41.0 76.2



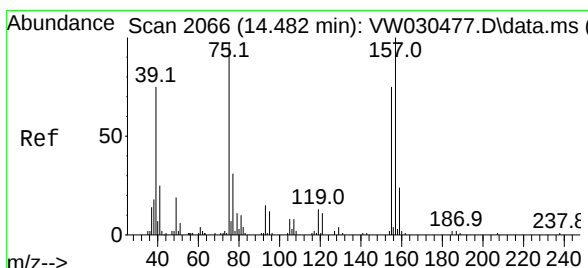
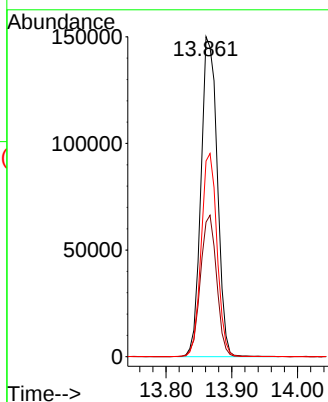
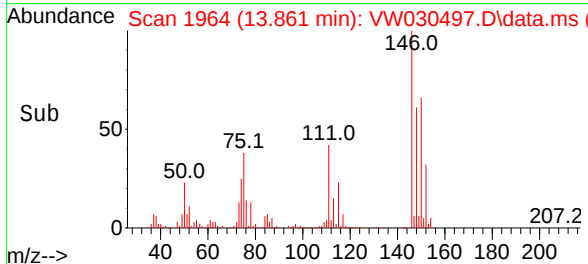


#67
1,2-Dichlorobenzene
Concen: 26.080 ug/L
RT: 13.861 min Scan# 1965
Delta R.T. -0.006 min
Lab File: VW030497.D
Acq: 10 Oct 2024 00:47

Instrument :
MSVOA_W
ClientSampleId :

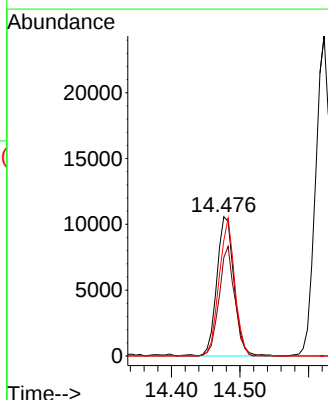
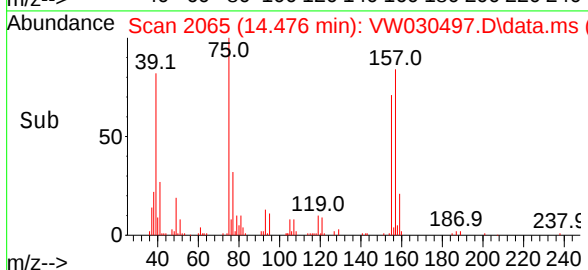
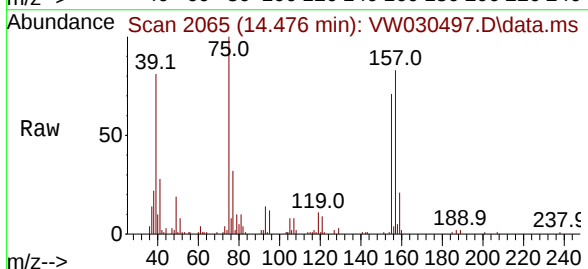


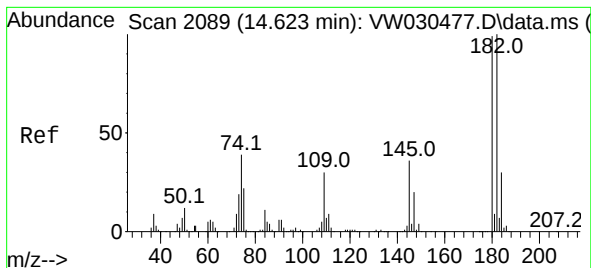
Tgt Ion:146 Resp: 258104
Ion Ratio Lower Upper
146 100
111 42.1 34.6 52.0
148 61.2 53.3 79.9



#68
1,2-Dibromo-3-chloropropane
Concen: 25.376 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW030497.D
Acq: 10 Oct 2024 00:47

Tgt Ion: 75 Resp: 18370
Ion Ratio Lower Upper
75 100
155 70.5 57.9 86.9
157 82.9 69.0 103.6





#69

1,3,5-Trichlorobenzene

Concen: 25.101 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

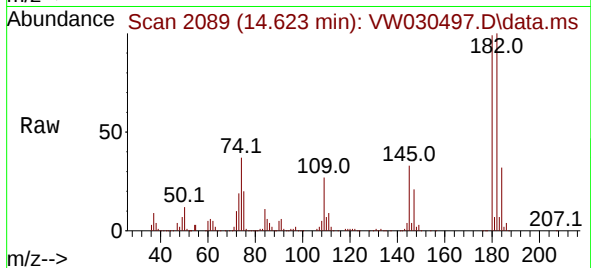
Lab File: VW030497.D

Acq: 10 Oct 2024 00:47

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 186156

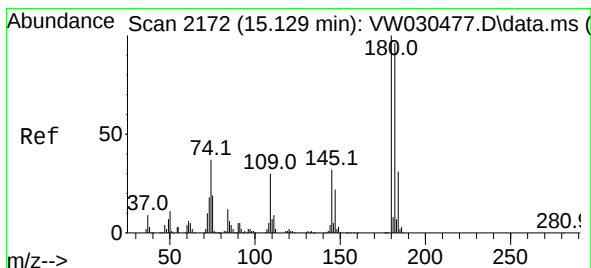
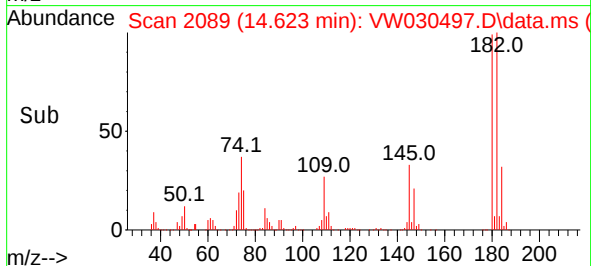
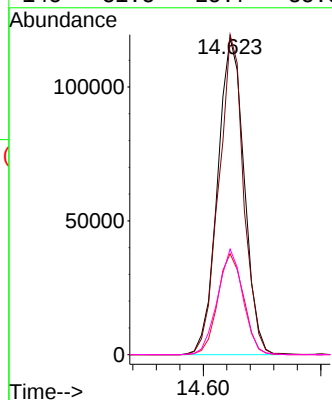
Ion Ratio Lower Upper

180 100

182 94.1 79.9 119.9

184 31.0 25.2 37.8

145 31.8 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 24.852 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW030497.D

Acq: 10 Oct 2024 00:47

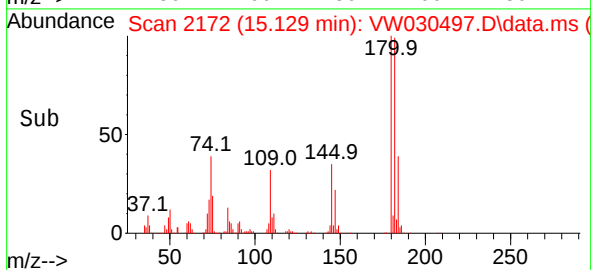
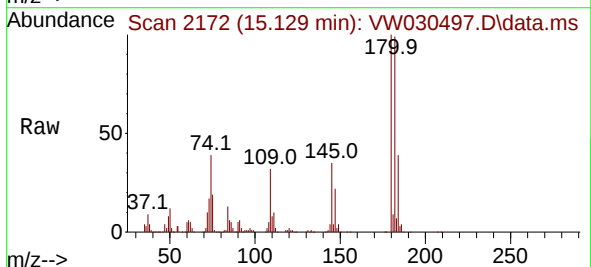
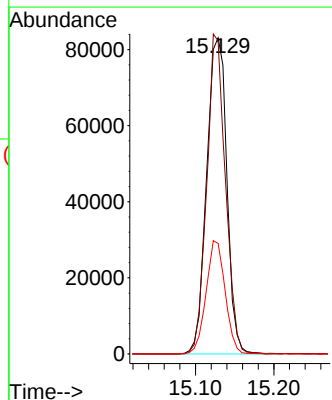
Tgt Ion:180 Resp: 148378

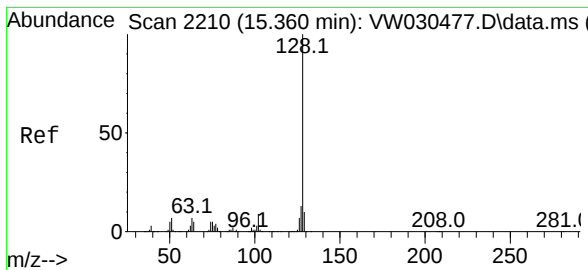
Ion Ratio Lower Upper

180 100

182 94.1 75.2 112.8

145 34.0 25.4 38.2

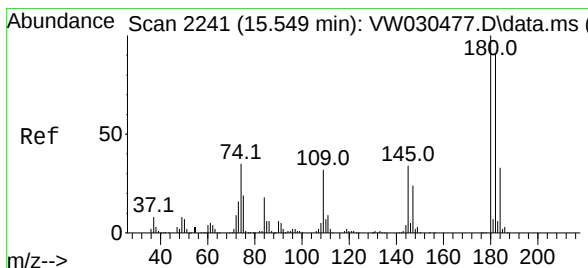
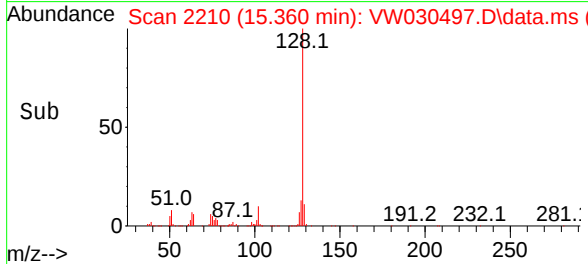
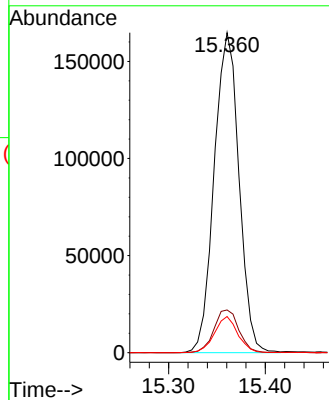
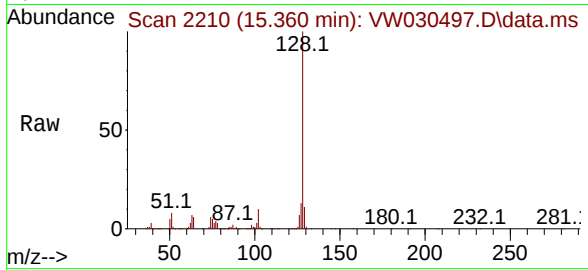




#71
Naphthalene
Concen: 28.466 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW030497.D
Acq: 10 Oct 2024 00:47

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	128	Resp:	293629
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.9	16.3
129	10.7	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 27.511 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW030497.D
Acq: 10 Oct 2024 00:47

Tgt Ion:	180	Resp:	142392
Ion Ratio	Lower	Upper	
180	100		
182	91.6	76.2	114.4
145	33.1	27.4	41.2

