

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100924\
 Data File : VW030495.D
 Acq On : 09 Oct 2024 23:59
 Operator : SY/MD
 Sample : P4329-19MS
 Misc : 5.22g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4FB7MS

Quant Time: Oct 10 01:34:04 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	368846	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	347755	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	174104	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	130017	22.426	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.720%
7) Chloroethane-d5	2.899	69	109182	24.878	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.520%
11) 1,1-Dichloroethene-d2	4.021	65	58737	24.358	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.440%
21) 2-Butanone-d5	7.075	46	58086	55.672	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.340%
24) Chloroform-d	7.648	84	283232	26.851	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.400%
26) 1,2-Dichloroethane-d4	8.307	65	149761	27.303	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.200%
32) Benzene-d6	8.276	84	531235	26.320	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.280%
36) 1,2-Dichloropropane-d6	9.276	67	157858	26.647	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.600%
41) Toluene-d8	10.319	98	498546	27.058	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.240%
43) trans-1,3-Dichloroprop...	10.581	79	68391	27.570	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.280%
47) 2-Hexanone-d5	10.922	63	46704	61.209	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.420%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	118969	27.345	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.400%
66) 1,2-Dichlorobenzene-d4	13.849	152	159548	27.084	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	85954	18.240	ug/L	91
3) Chloromethane	2.223	50	127098	23.205	ug/L	99
5) Vinyl chloride	2.375	62	145411	21.588	ug/L	97
6) Bromomethane	2.790	94	99987	22.553	ug/L	92
8) Chloroethane	2.942	64	93060	22.601	ug/L	99
9) Trichlorofluoromethane	3.271	101	130792	21.701	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	111637	20.588	ug/L	95
12) 1,1-Dichloroethene	4.045	96	111792	22.590	ug/L	89
13) Acetone	4.119	43	56891	37.244	ug/L	98
14) Carbon disulfide	4.393	76	364612	22.563	ug/L	99
15) Methyl Acetate	4.673	43	47116	24.970	ug/L	98
16) Methylene chloride	4.923	84	128008	22.956	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	128865	24.133	ug/L	100
18) Methyl tert-butyl Ether	5.423	73	195988	26.225	ug/L	100
19) 1,1-Dichloroethane	6.222	63	240454	24.228	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	139920	24.566	ug/L	90
22) 2-Butanone	7.167	43	71967	43.708	ug/L	100
23) Bromochloromethane	7.520	128	60139	24.136	ug/L	93
25) Chloroform	7.679	83	255609	24.101	ug/L	99

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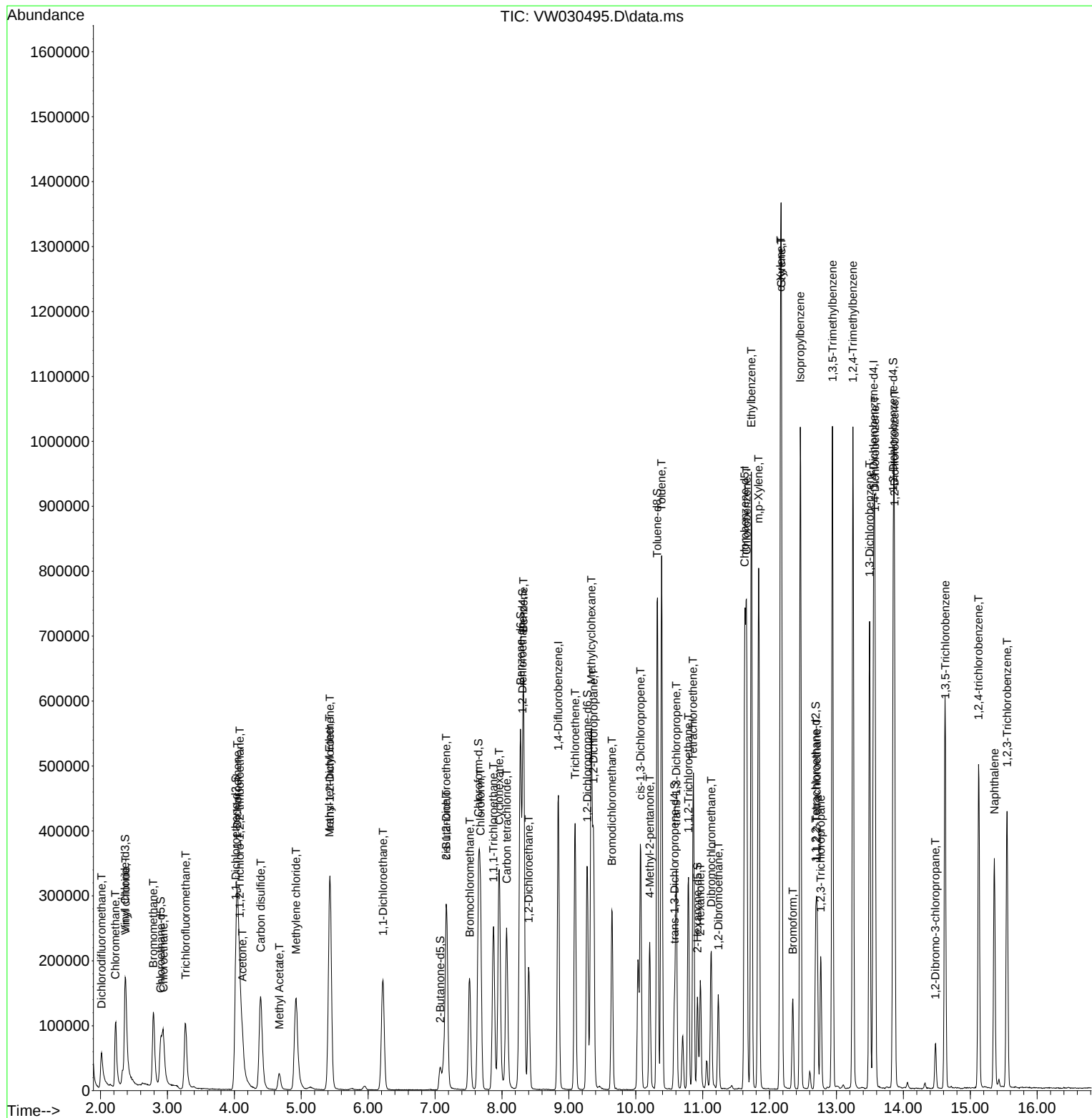
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	172275	24.622	ug/L	100
29) Cyclohexane	7.959	56	194303	22.953	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	202418	21.927	ug/L	99
31) Carbon tetrachloride	8.069	117	181994	22.073	ug/L	98
33) Benzene	8.319	78	532020	23.509	ug/L	100
34) Trichloroethene	9.093	95	139254	22.118	ug/L	96
35) Methylcyclohexane	9.337	83	222247	22.430	ug/L	99
37) 1,2-Dichloropropane	9.368	63	136728	24.191	ug/L	100
38) Bromodichloromethane	9.642	83	180613	24.018	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	211370	24.793	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	142892	52.625	ug/L	99
42) Toluene	10.386	91	578343	23.955	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	176113	24.583	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	97708	23.919	ug/L	97
46) Tetrachloroethene	10.855	164	99760	21.483	ug/L	93
48) 2-Hexanone	10.965	43	101044	45.505	ug/L	98
49) Dibromochloromethane	11.130	129	107583	23.604	ug/L	96
50) 1,2-Dibromoethane	11.233	107	90617	23.774	ug/L	94
51) Chlorobenzene	11.654	112	362152	23.302	ug/L	97
52) Ethylbenzene	11.727	91	658923	23.918	ug/L	98
53) m,p-Xylene	11.837	106	247108	23.942	ug/L	97
54) o-Xylene	12.166	106	234627	24.589	ug/L	93
55) Styrene	12.178	104	400584	24.558	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.709	83	113216	24.578	ug/L	97
59) Bromoform	12.349	173	61742	25.241	ug/L	96
60) Isopropylbenzene	12.459	105	641156	23.780	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	81434	24.037	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	520725	24.480	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	526930	25.301	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	273722	23.323	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	273990	22.610	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	258934	25.073	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	18224	24.125	ug/L	90
69) 1,3,5-Trichlorobenzene	14.629	180	168271	21.743	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	150378	24.137	ug/L	100
71) Naphthalene	15.360	128	292411	27.166	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	132855	24.598	ug/L	98

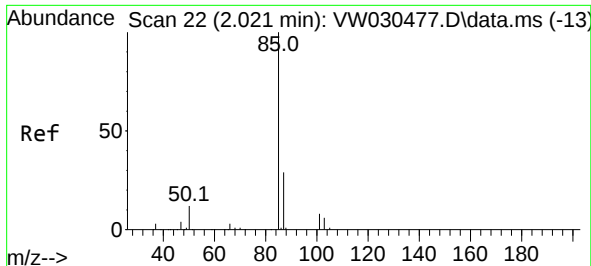
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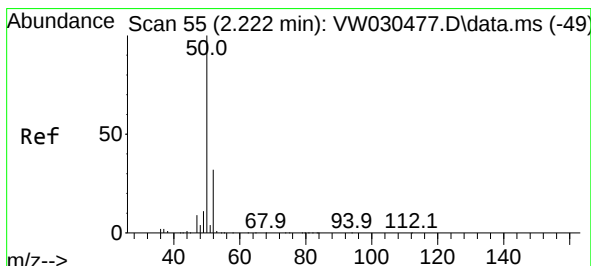
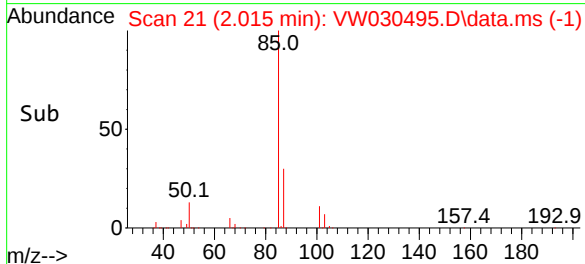
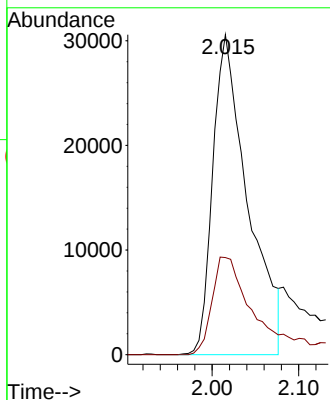
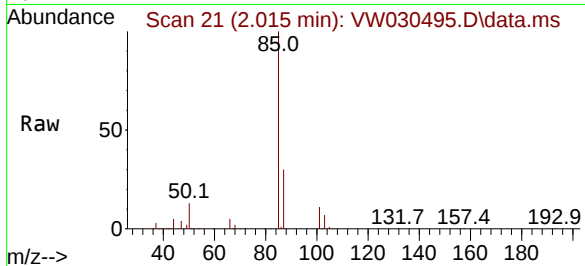




#2
Dichlorodifluoromethane
Concen: 18.240 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW030495.D
Acq: 09 Oct 2024 23:59

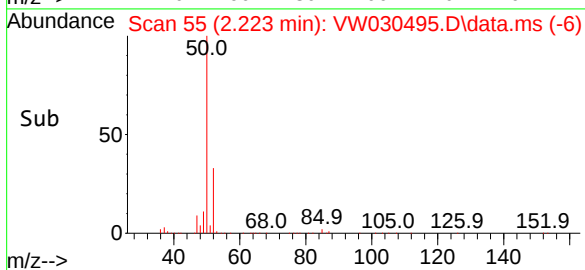
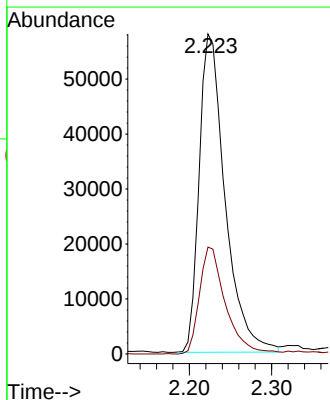
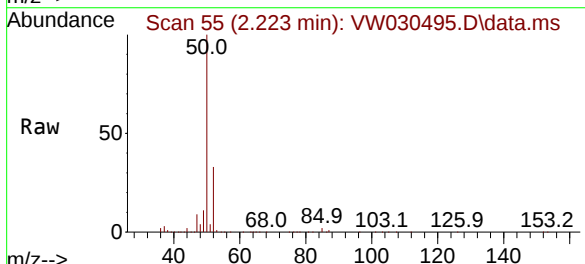
Instrument :
MSVOA_W
ClientSampleId :
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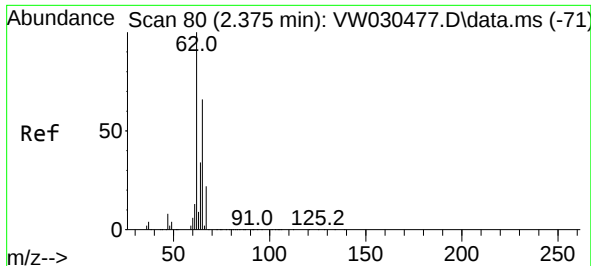
Tgt Ion: 85 Resp: 85954
Ion Ratio Lower Upper
85 100
87 34.7 23.8 35.6



#3
Chloromethane
Concen: 23.205 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW030495.D
Acq: 09 Oct 2024 23:59

Tgt Ion: 50 Resp: 127098
Ion Ratio Lower Upper
50 100
52 33.4 23.7 43.9

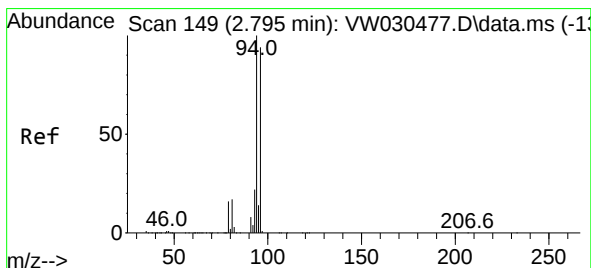
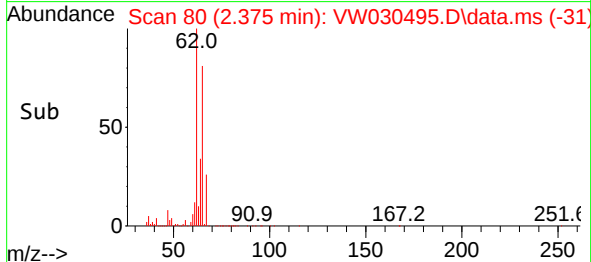
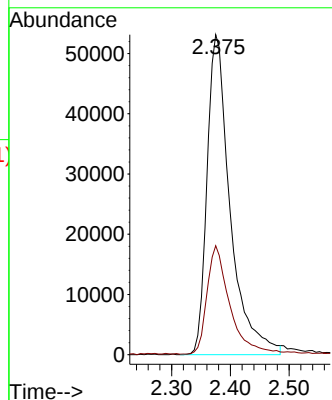
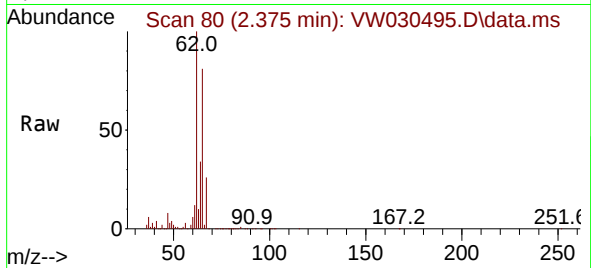




#5
 Vinyl chloride
 Concen: 21.588 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030495.D
 Acq: 09 Oct 2024 23:59

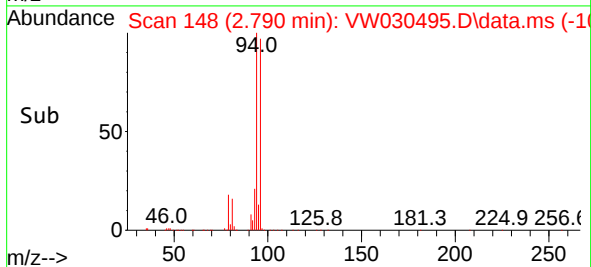
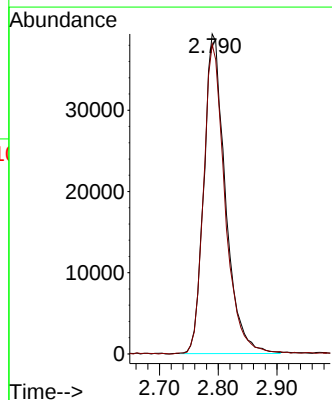
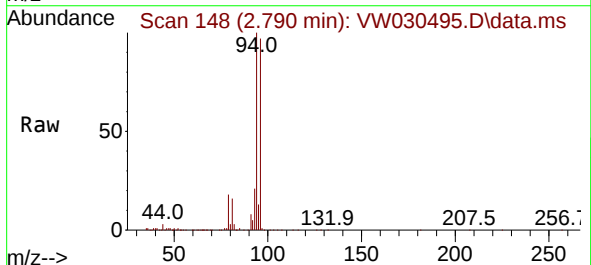
Instrument :
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 ClientSampleId :
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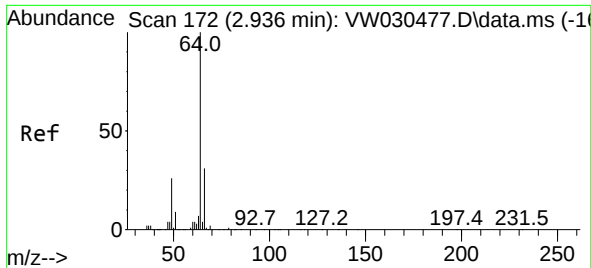
Tgt Ion: 62 Resp: 145411
 Ion Ratio Lower Upper
 62 100
 64 34.1 22.6 42.0



#6
 Bromomethane
 Concen: 22.553 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW030495.D
 Acq: 09 Oct 2024 23:59

Tgt Ion: 94 Resp: 99987
 Ion Ratio Lower Upper
 94 100
 96 96.7 62.6 116.2

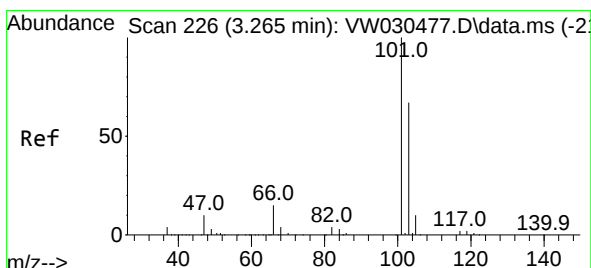
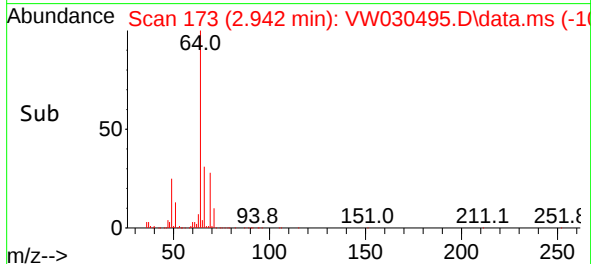
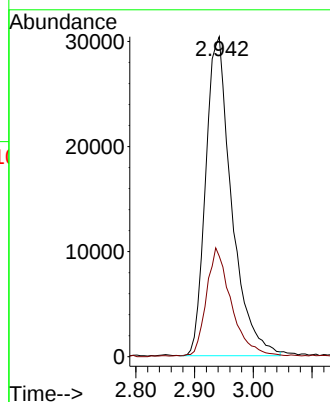
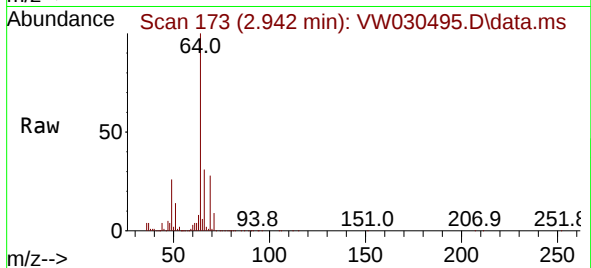




#8
Chloroethane
Concen: 22.601 ug/L
RT: 2.942 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW030495.D
Acq: 09 Oct 2024 23:59

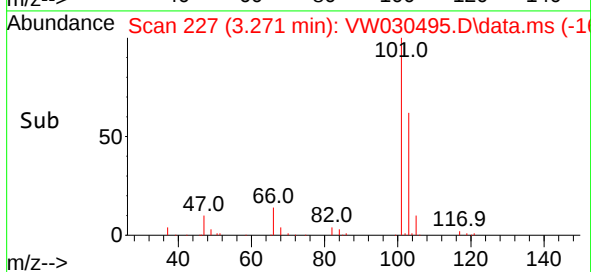
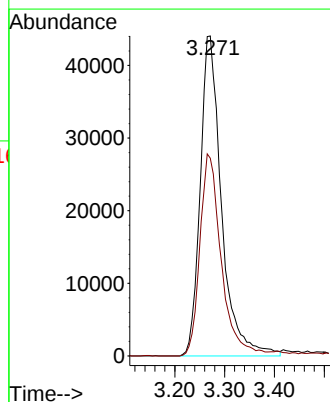
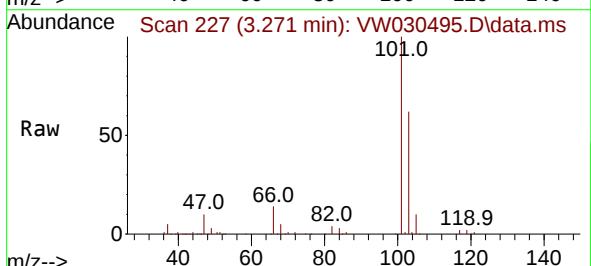
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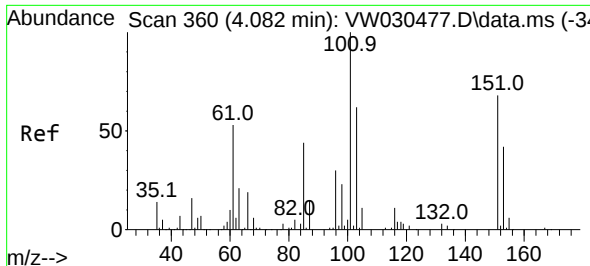
Tgt Ion: 64 Resp: 93060
Ion Ratio Lower Upper
64 100
66 31.4 22.3 41.5



#9
Trichlorofluoromethane
Concen: 21.701 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW030495.D
Acq: 09 Oct 2024 23:59

Tgt Ion:101 Resp: 130792
Ion Ratio Lower Upper
101 100
103 62.4 51.1 76.7

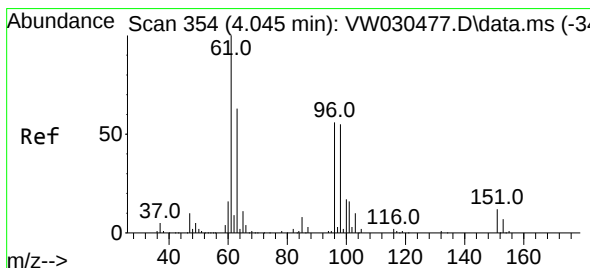
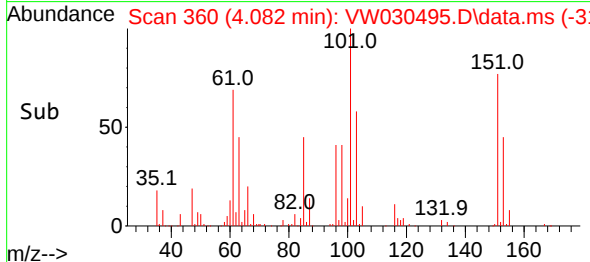
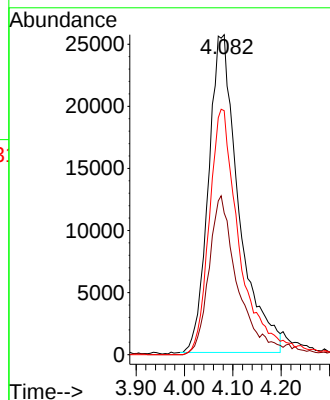
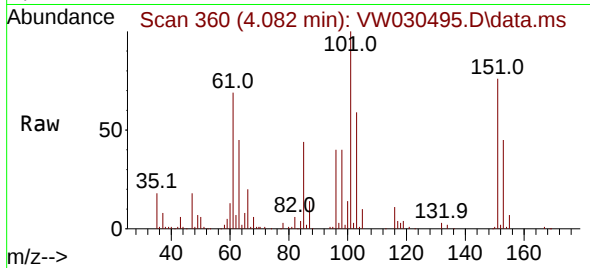




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.588 ug/L
 RT: 4.082 min Scan# 360
 Delta R.T. 0.000 min
 Lab File: VW030495.D
 Acq: 09 Oct 2024 23:59

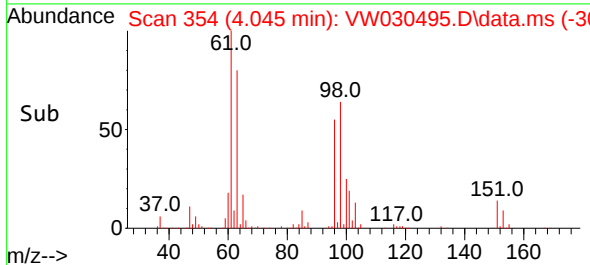
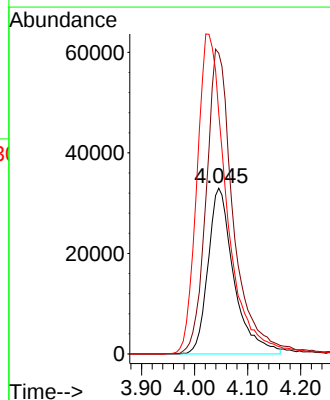
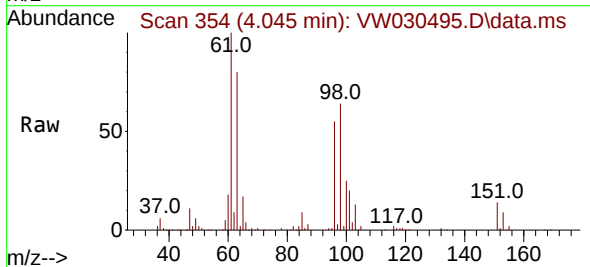
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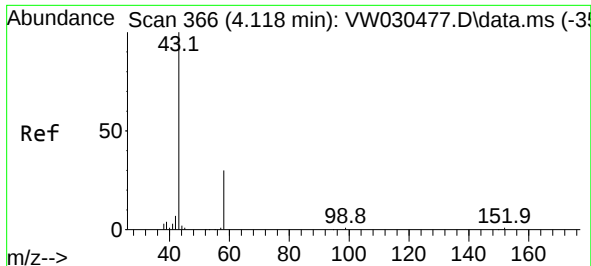
Tgt Ion:101 Resp: 111637
 Ion Ratio Lower Upper
 101 100
 85 44.5 35.7 53.5
 151 76.6 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 22.590 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW030495.D
 Acq: 09 Oct 2024 23:59

Tgt Ion: 96 Resp: 111792
 Ion Ratio Lower Upper
 96 100
 61 181.4 121.3 225.3
 63 145.2 87.6 162.8





#13

Acetone

Concen: 37.244 ug/L

RT: 4.119 min Scan# 366

Delta R.T. 0.000 min

Lab File: VW030495.D

Acq: 09 Oct 2024 23:59

Instrument :

MSVOA_W

ClientSampleId :

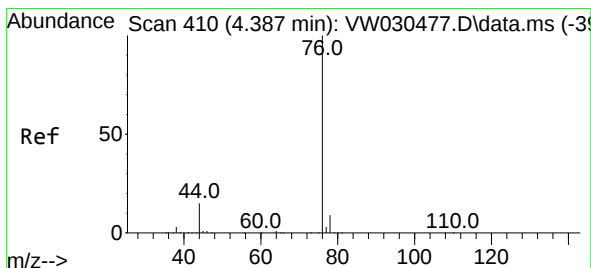
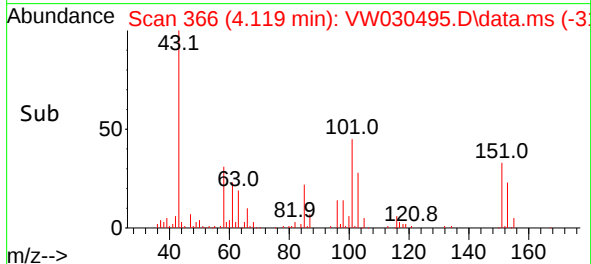
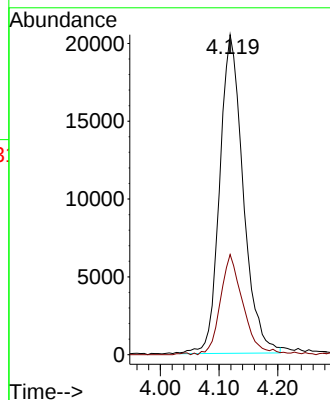
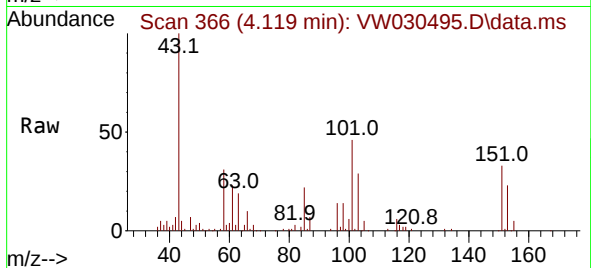
A4FB7MS

Tgt Ion: 43 Resp: 56891

Ion Ratio Lower Upper

43 100

58 29.7 0.0 57.6



#14

Carbon disulfide

Concen: 22.563 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.006 min

Lab File: VW030495.D

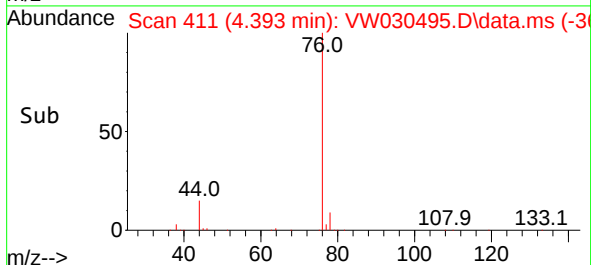
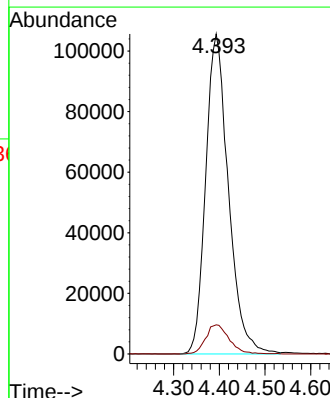
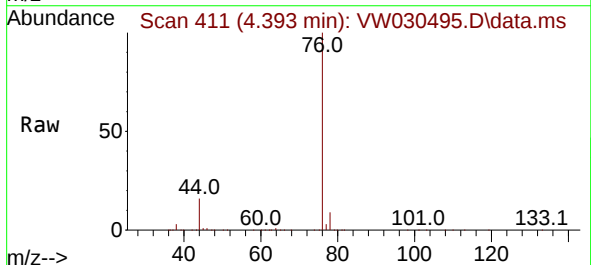
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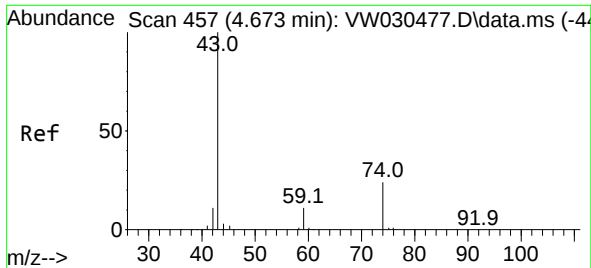
Tgt Ion: 76 Resp: 364612

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

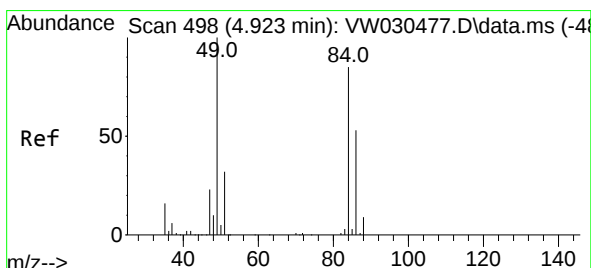
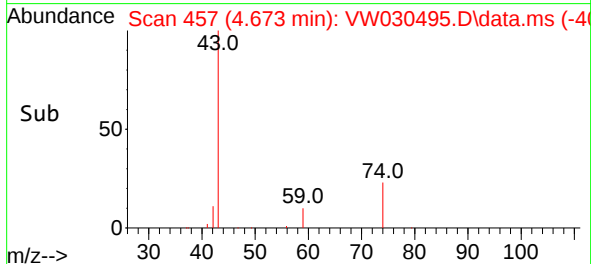
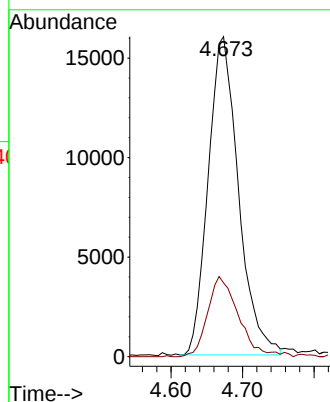
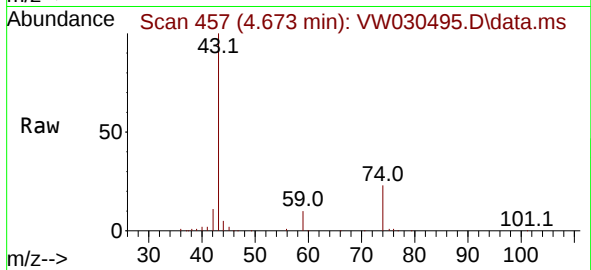




#15
Methyl Acetate
Concen: 24.970 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW030495.D
Acq: 09 Oct 2024 23:59

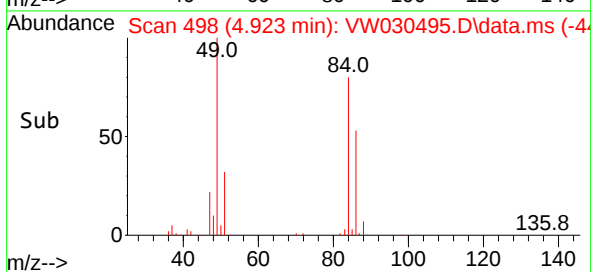
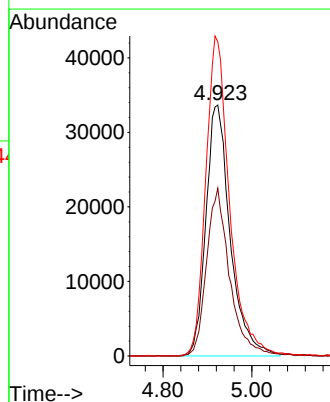
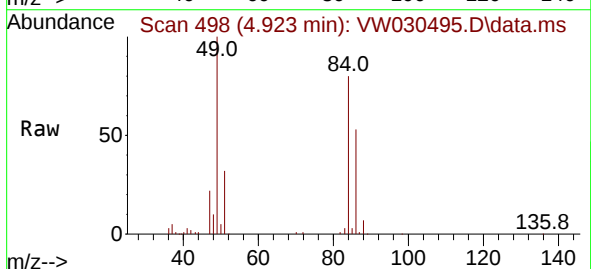
Instrument :
MSVOA_W
ClientSampleId :
A4FB7MS

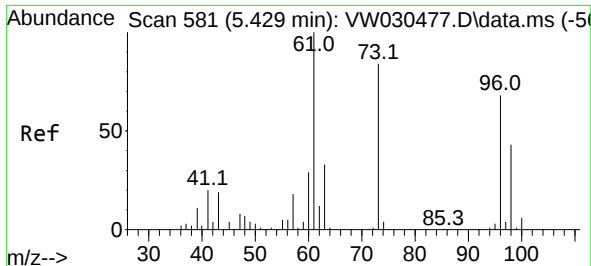
Tgt Ion: 43 Resp: 47116
Ion Ratio Lower Upper
43 100
74 24.9 19.3 28.9



#16
Methylene chloride
Concen: 22.956 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW030495.D
Acq: 09 Oct 2024 23:59

Tgt Ion: 84 Resp: 128008
Ion Ratio Lower Upper
84 100
86 66.9 43.8 81.3
49 125.2 88.3 164.1

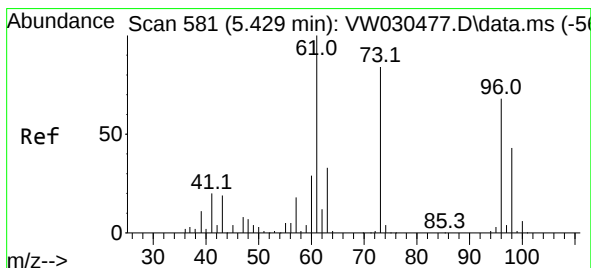
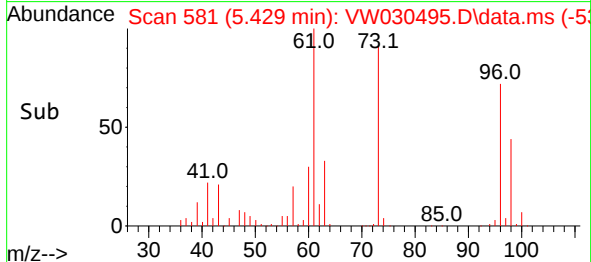
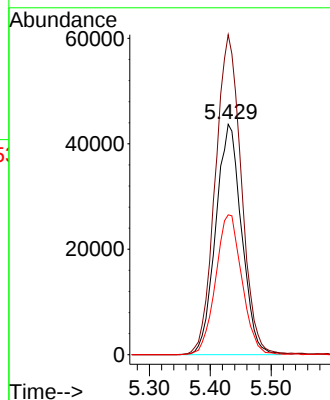
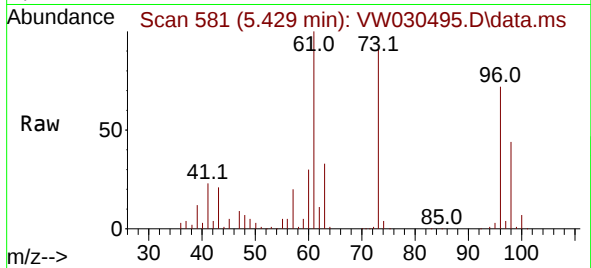




#17
trans-1,2-Dichloroethene
Concen: 24.133 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030495.D
Acq: 09 Oct 2024 23:59

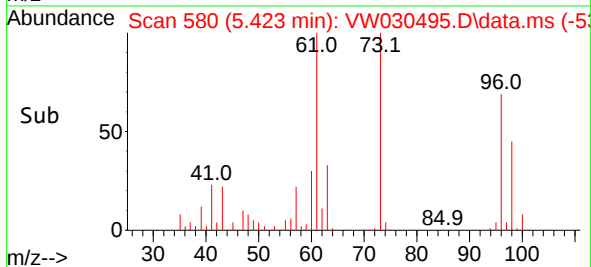
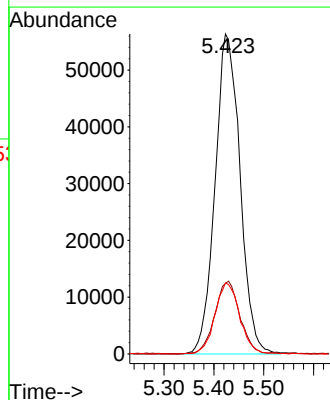
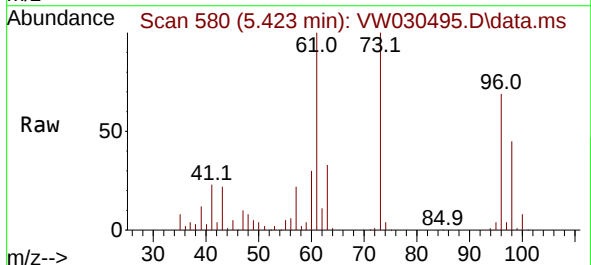
Instrument :
MSVOA_W
ClientSampleId :
A4FB7MS

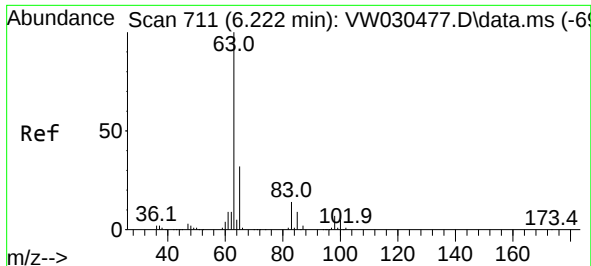
Tgt Ion: 96 Resp: 128865
Ion Ratio Lower Upper
96 100
61 138.8 96.9 179.9
98 60.7 42.2 78.4



#18
Methyl tert-butyl Ether
Concen: 26.225 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW030495.D
Acq: 09 Oct 2024 23:59

Tgt Ion: 73 Resp: 195988
Ion Ratio Lower Upper
73 100
43 22.6 18.1 27.1
57 21.9 17.7 26.5

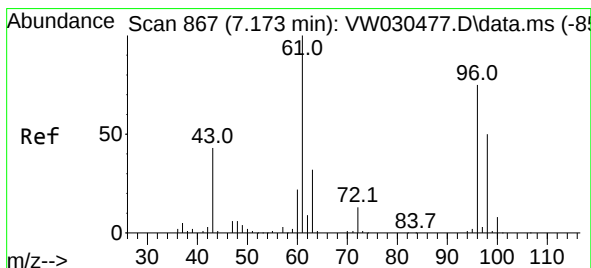
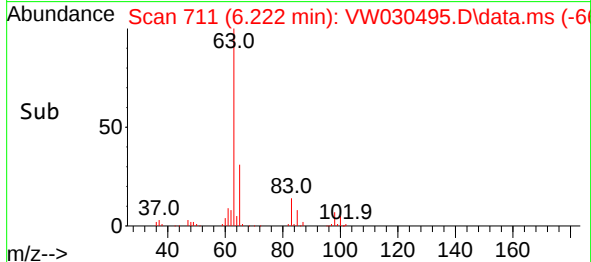
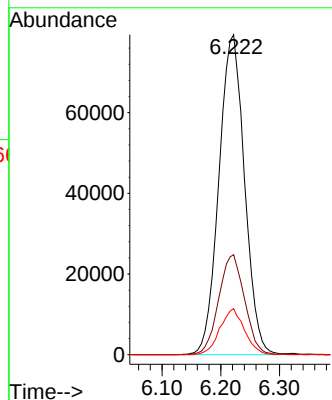
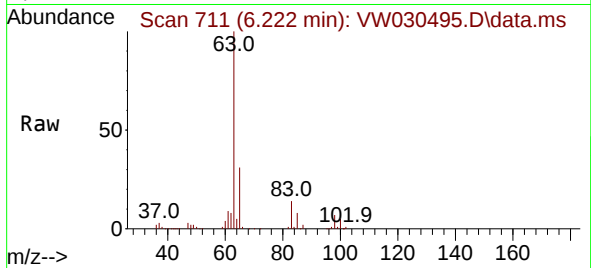




#19
1,1-Dichloroethane
Concen: 24.228 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.000 min
Lab File: VW030495.D
Acq: 09 Oct 2024 23:59

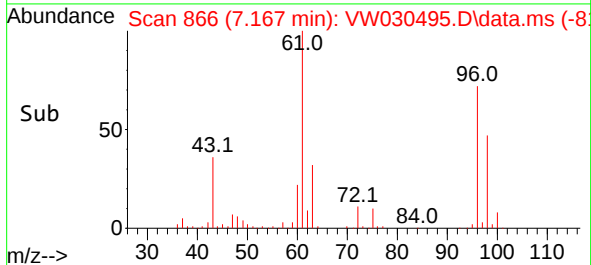
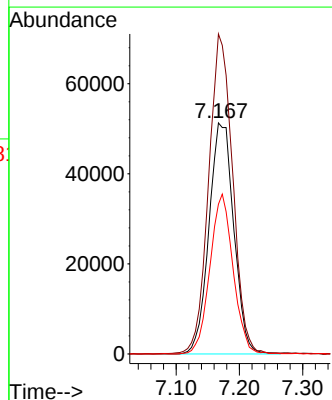
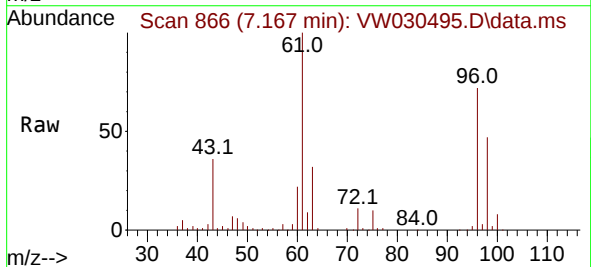
Instrument :
MSVOA_W
ClientSampleId :
A4FB7MS

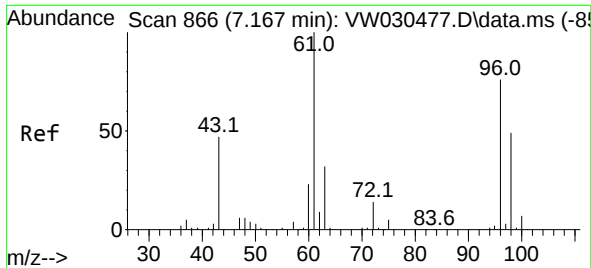
Tgt Ion: 63 Resp: 240454
Ion Ratio Lower Upper
63 100
65 31.2 22.5 41.9
83 14.4 9.8 18.2



#20
cis-1,2-Dichloroethene
Concen: 24.566 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW030495.D
Acq: 09 Oct 2024 23:59

Tgt Ion: 96 Resp: 139920
Ion Ratio Lower Upper
96 100
61 138.5 88.3 163.9
98 64.8 41.3 76.7

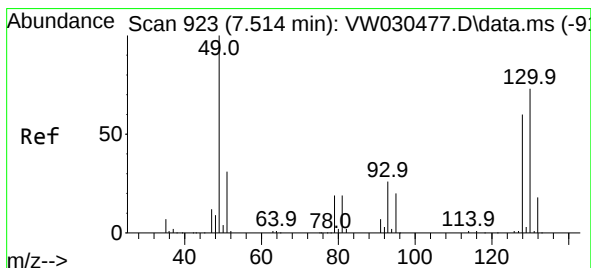
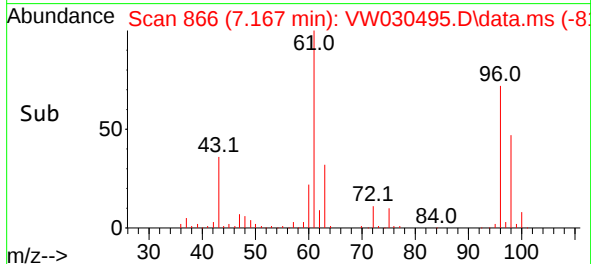
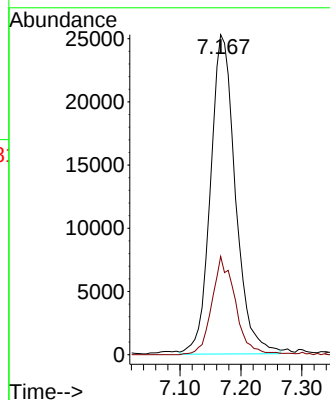
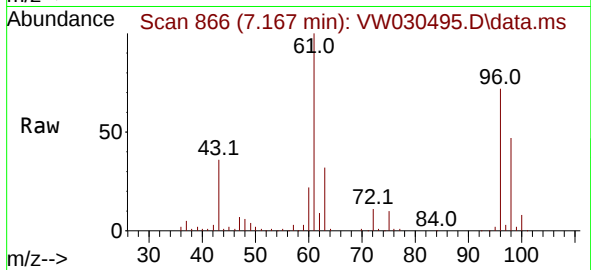




#22
2-Butanone
Concen: 43.708 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW030495.D
Acq: 09 Oct 2024 23:59

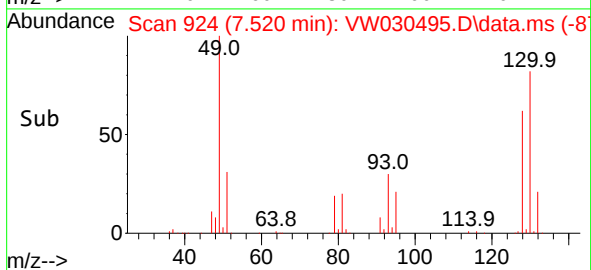
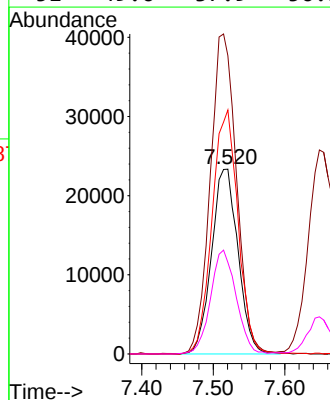
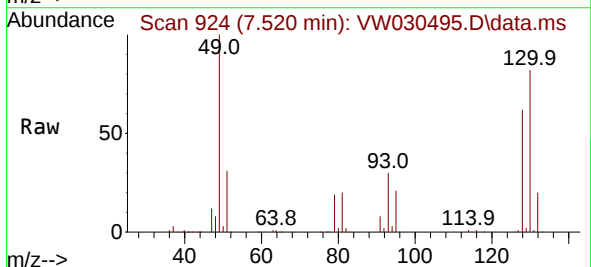
Instrument :
MSVOA_W
ClientSampleId :
A4FB7MS

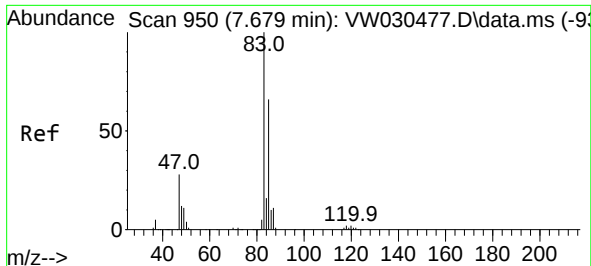
Tgt Ion: 43 Resp: 71967
Ion Ratio Lower Upper
43 100
72 28.5 14.4 43.0



#23
Bromochloromethane
Concen: 24.136 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW030495.D
Acq: 09 Oct 2024 23:59

Tgt Ion: 128 Resp: 60139
Ion Ratio Lower Upper
128 100
49 161.4 110.1 204.5
130 132.1 82.9 153.9
51 49.6 37.9 56.9

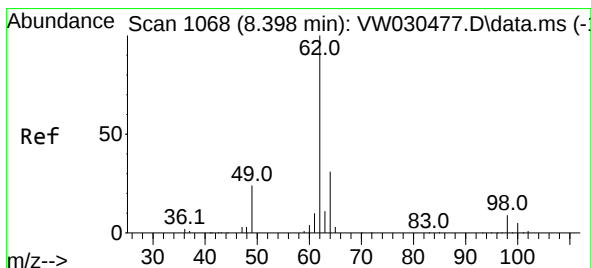
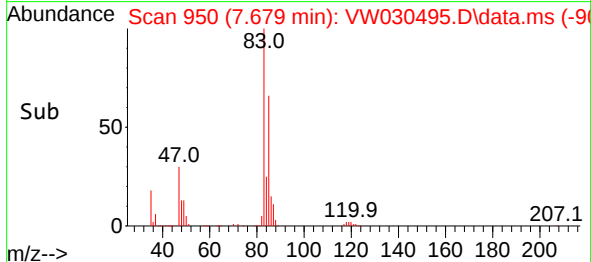
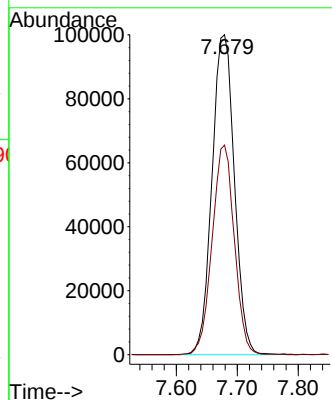
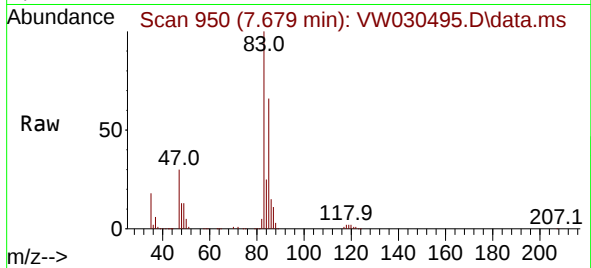




#25
Chloroform
Concen: 24.101 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW030495.D
Acq: 09 Oct 2024 23:59

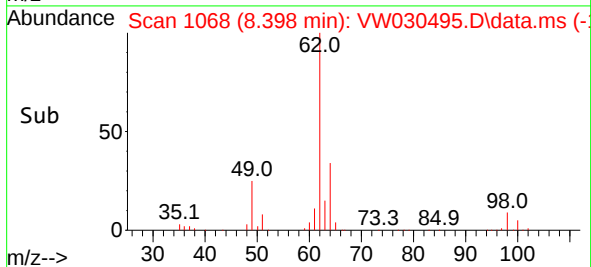
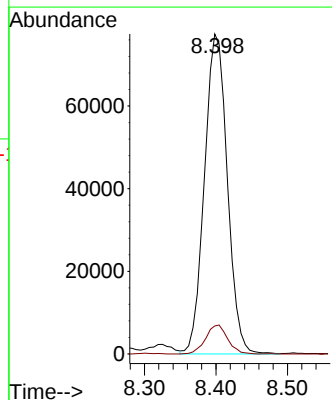
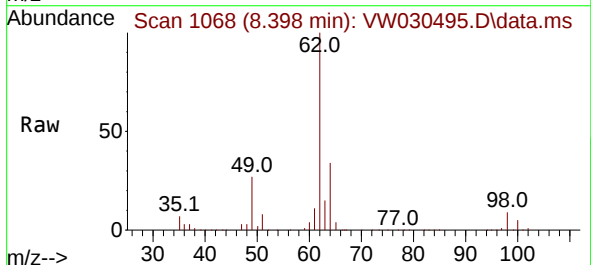
Instrument :
MSVOA_W
ClientSampleId :
A4FB7MS

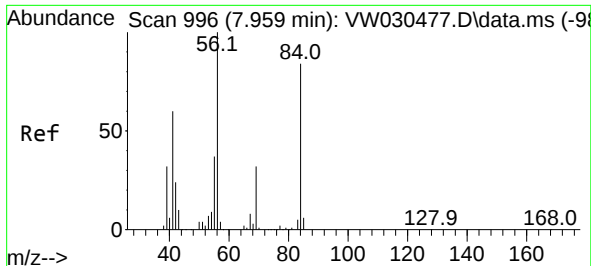
Tgt Ion: 83 Resp: 255609
Ion Ratio Lower Upper
83 100
85 65.5 45.1 83.7



#27
1,2-Dichloroethane
Concen: 24.622 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW030495.D
Acq: 09 Oct 2024 23:59

Tgt Ion: 62 Resp: 172275
Ion Ratio Lower Upper
62 100
98 8.7 7.0 10.6

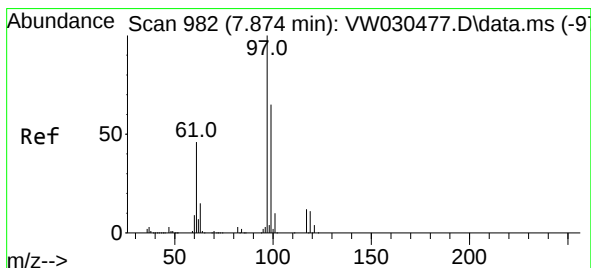
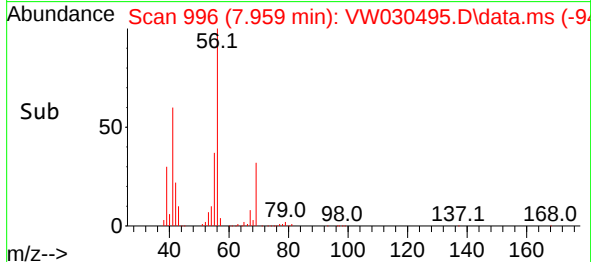
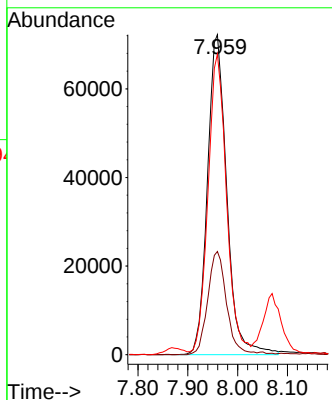
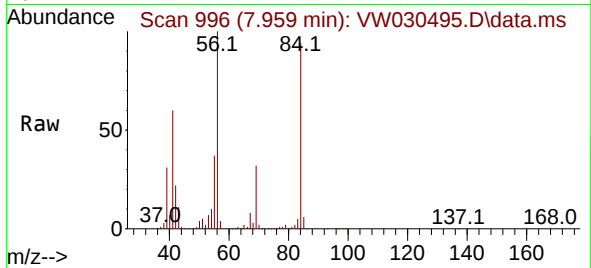




#29
Cyclohexane
Concen: 22.953 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW030495.D
Acq: 09 Oct 2024 23:59

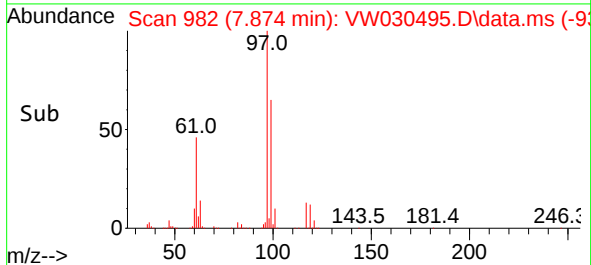
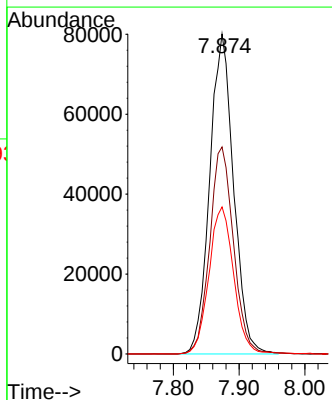
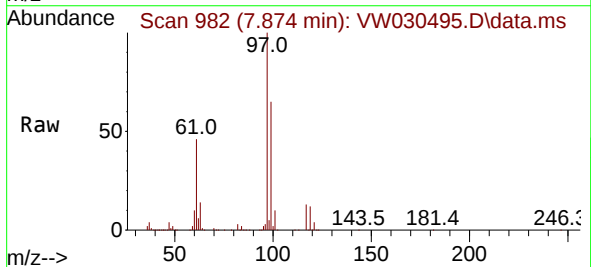
Instrument :
MSVOA_W
ClientSampleId :
A4FB7MS

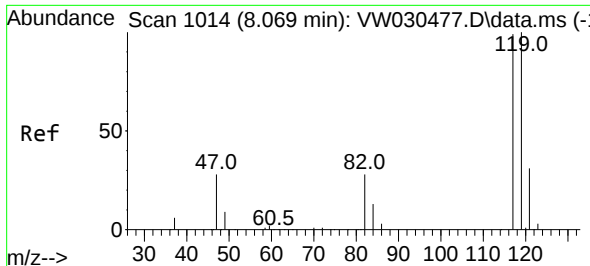
Tgt Ion: 56 Resp: 194303
Ion Ratio Lower Upper
56 100
69 31.3 25.4 38.0
84 90.3 72.3 108.5



#30
1,1,1-Trichloroethane
Concen: 21.927 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW030495.D
Acq: 09 Oct 2024 23:59

Tgt Ion: 97 Resp: 202418
Ion Ratio Lower Upper
97 100
99 64.7 52.3 78.5
61 47.3 38.5 57.7

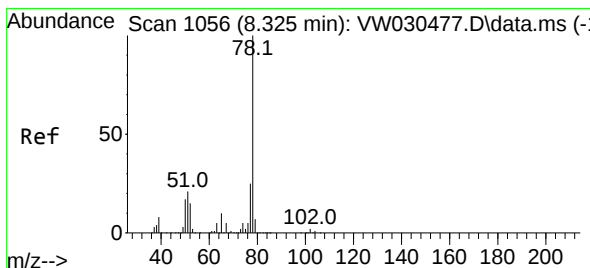
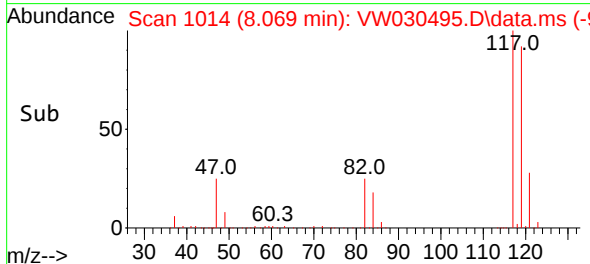
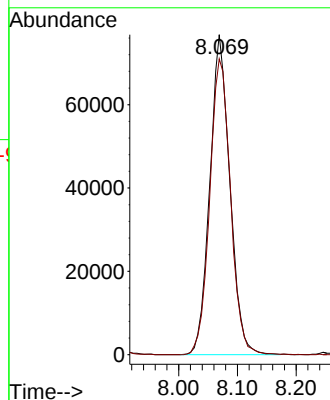
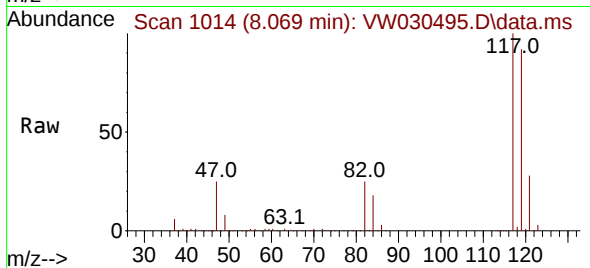




#31
Carbon tetrachloride
Concen: 22.073 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW030495.D
Acq: 09 Oct 2024 23:59

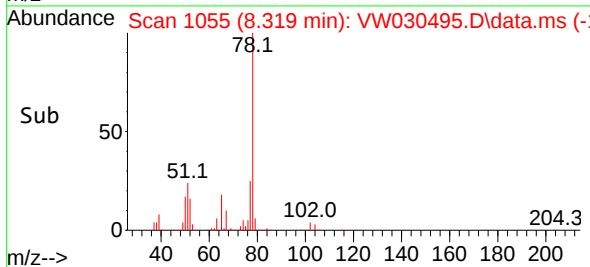
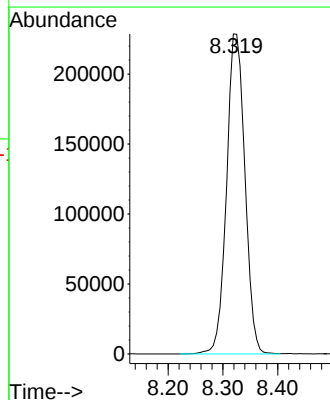
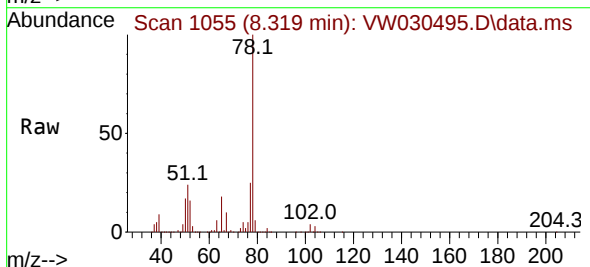
Instrument :
MSVOA_W
ClientSampleId :
A4FB7MS

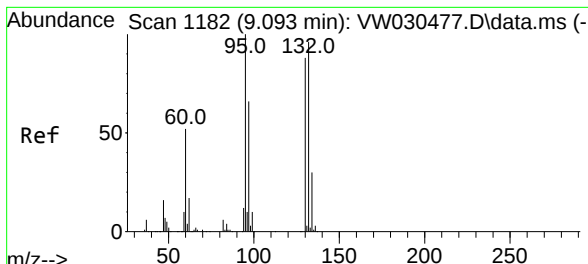
Tgt Ion:117 Resp: 181994
Ion Ratio Lower Upper
117 100
119 95.5 77.8 116.8



#33
Benzene
Concen: 23.509 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW030495.D
Acq: 09 Oct 2024 23:59

Tgt Ion: 78 Resp: 532020





#34

Trichloroethene

Concen: 22.118 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW030495.D

Acq: 09 Oct 2024 23:59

Instrument :

MSVOA_W

ClientSampleId :

A4FB7MS

Tgt Ion: 95 Resp: 139254

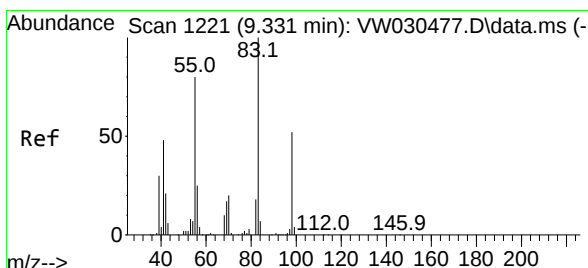
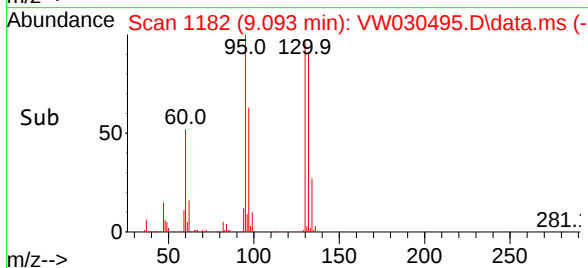
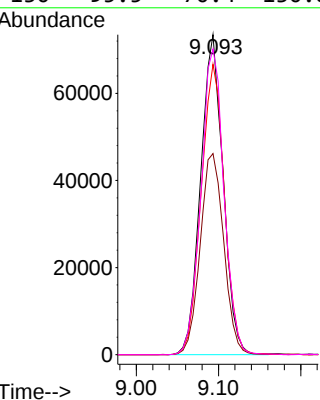
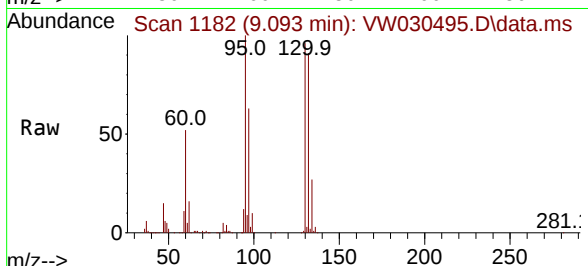
Ion Ratio Lower Upper

95 100

97 62.8 45.9 85.3

132 90.8 66.4 123.2

130 95.5 70.4 130.8



#35

Methylcyclohexane

Concen: 22.430 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW030495.D

Acq: 09 Oct 2024 23:59

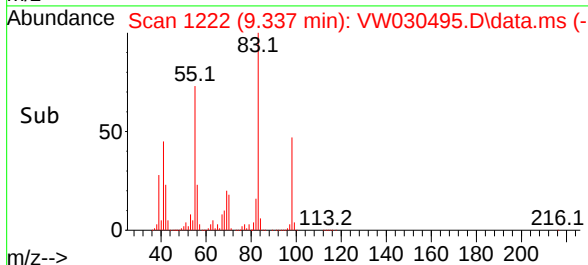
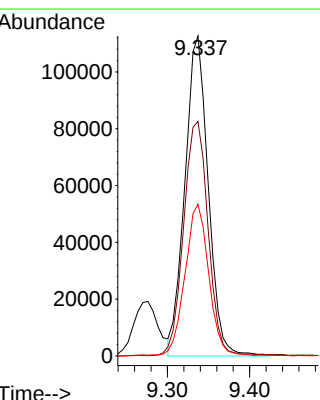
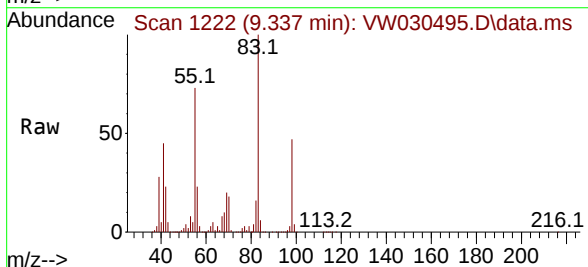
Tgt Ion: 83 Resp: 222247

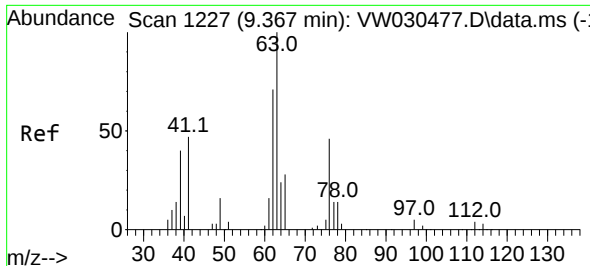
Ion Ratio Lower Upper

83 100

55 76.3 61.8 92.8

98 48.3 39.3 58.9





#37

1,2-Dichloropropane

Concen: 24.191 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030495.D

Acq: 09 Oct 2024 23:59

Instrument :

MSVOA_W

ClientSampleId :

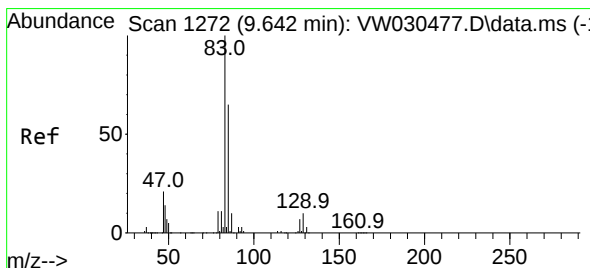
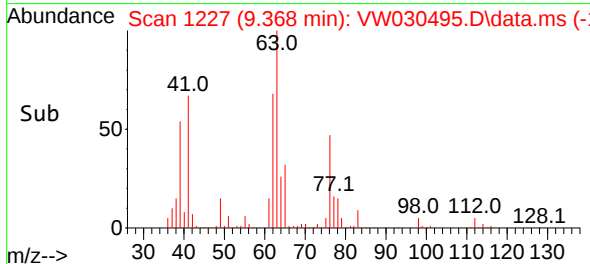
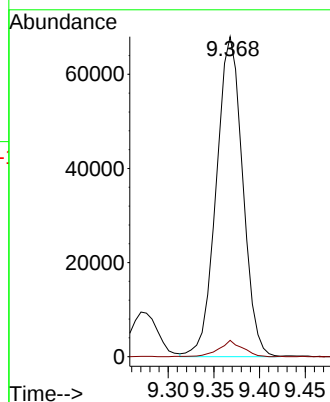
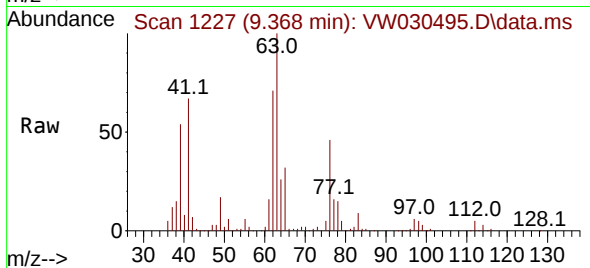
A4FB7MS

Tgt Ion: 63 Resp: 136728

Ion Ratio Lower Upper

63 100

112 4.5 3.7 5.5



#38

Bromodichloromethane

Concen: 24.018 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030495.D

Acq: 09 Oct 2024 23:59

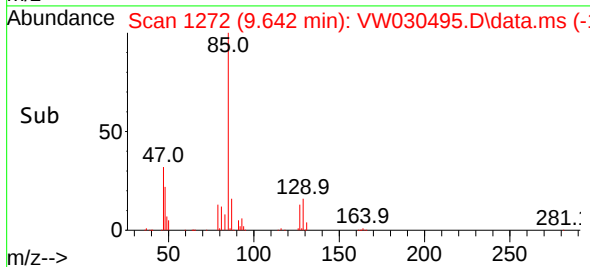
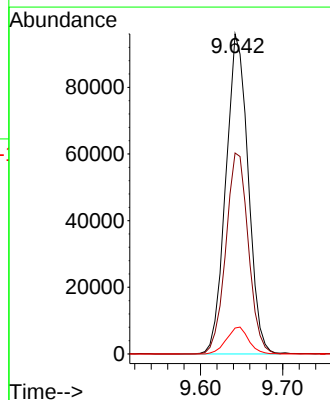
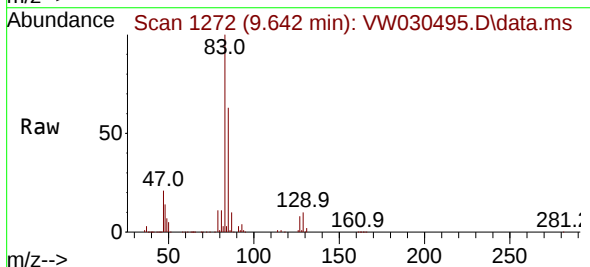
Tgt Ion: 83 Resp: 180613

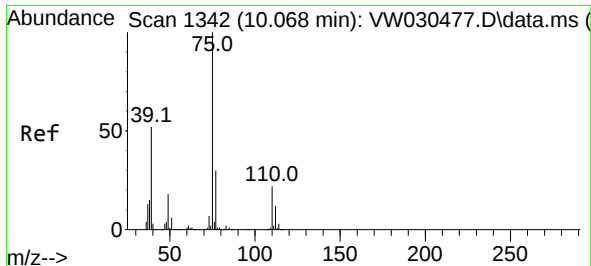
Ion Ratio Lower Upper

83 100

85 62.8 44.2 82.0

127 8.1 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 24.793 ug/L

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW030495.D

Acq: 09 Oct 2024 23:59

Instrument :

MSVOA_W

ClientSampleId :

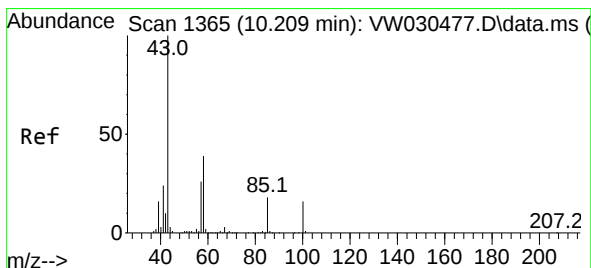
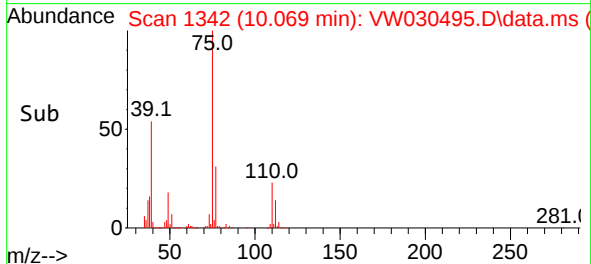
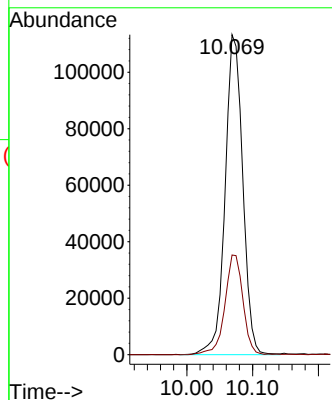
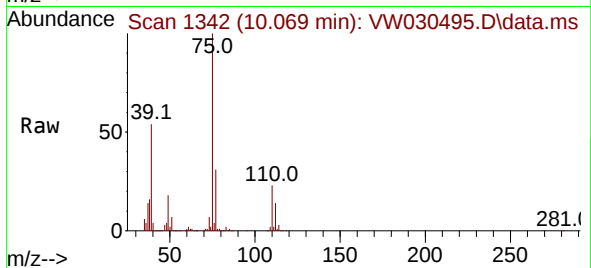
A4FB7MS

Tgt Ion: 75 Resp: 211370

Ion Ratio Lower Upper

75 100

77 31.1 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 52.625 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030495.D

Acq: 09 Oct 2024 23:59

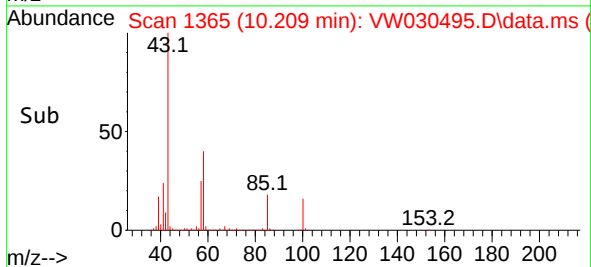
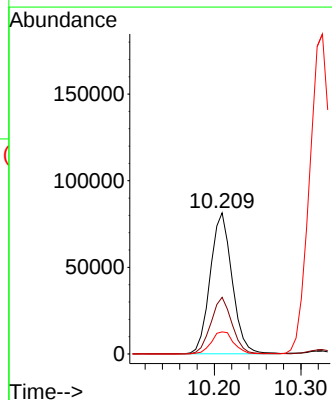
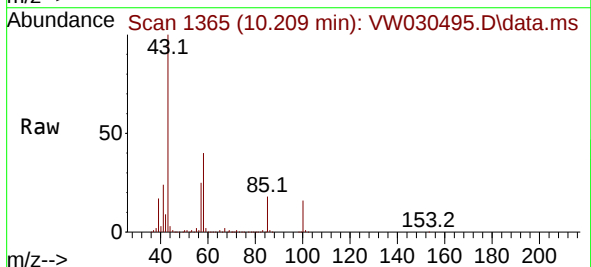
Tgt Ion: 43 Resp: 142892

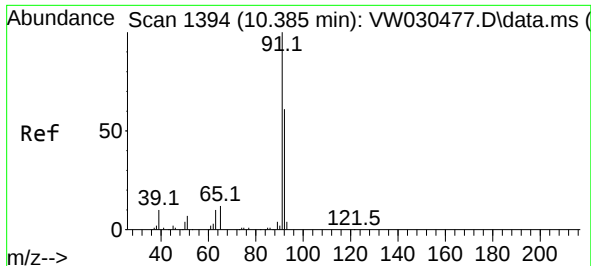
Ion Ratio Lower Upper

43 100

58 38.9 31.4 47.2

100 16.1 13.1 19.7

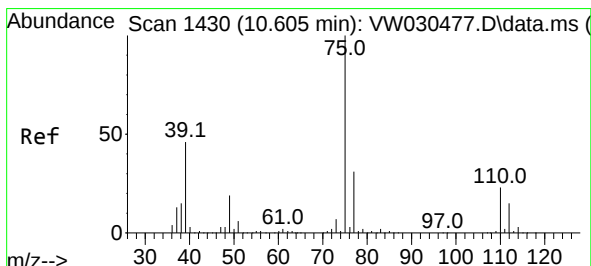
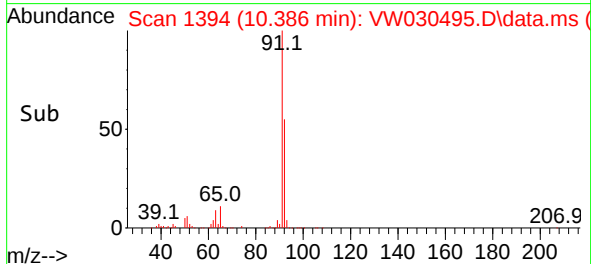
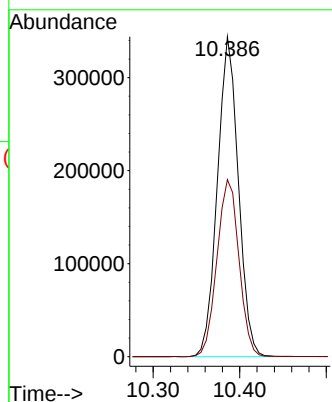
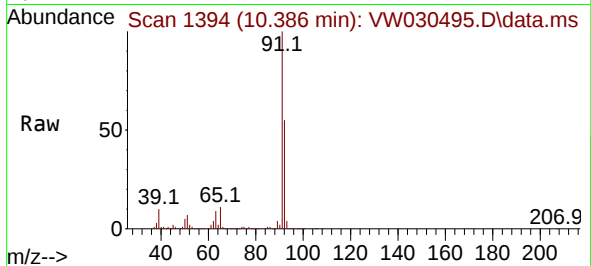




#42
Toluene
Concen: 23.955 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW030495.D
Acq: 09 Oct 2024 23:59

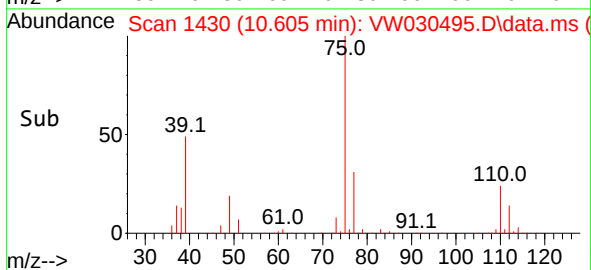
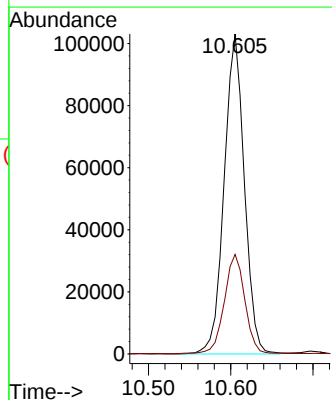
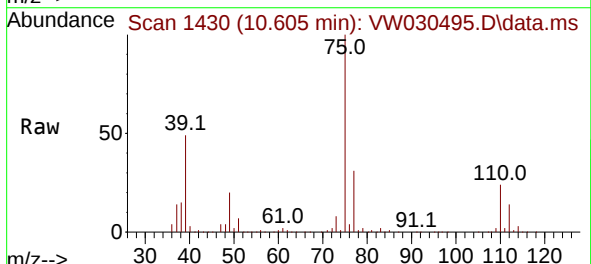
Instrument :
MSVOA_W
ClientSampleId :
A4FB7MS

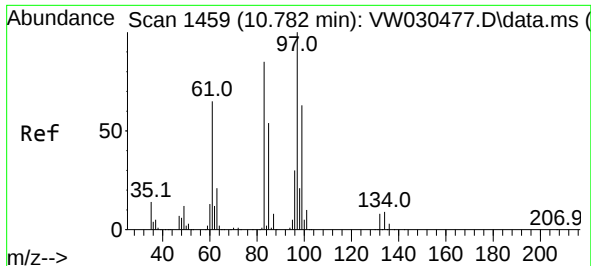
Tgt Ion: 91 Resp: 578343
Ion Ratio Lower Upper
91 100
92 55.3 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 24.583 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW030495.D
Acq: 09 Oct 2024 23:59

Tgt Ion: 75 Resp: 176113
Ion Ratio Lower Upper
75 100
77 31.1 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 23.919 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW030495.D

Acq: 09 Oct 2024 23:59

Instrument :

MSVOA_W

ClientSampleId :

A4FB7MS

Tgt Ion: 97 Resp: 97708

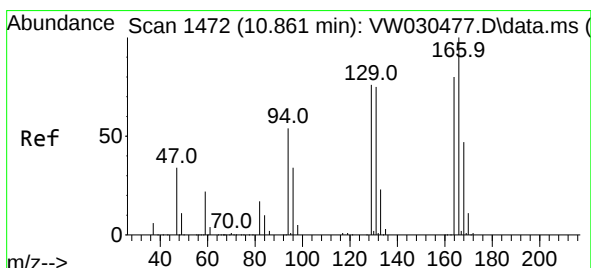
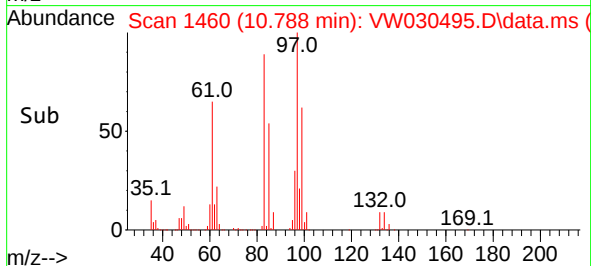
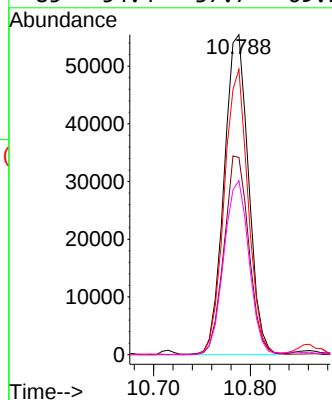
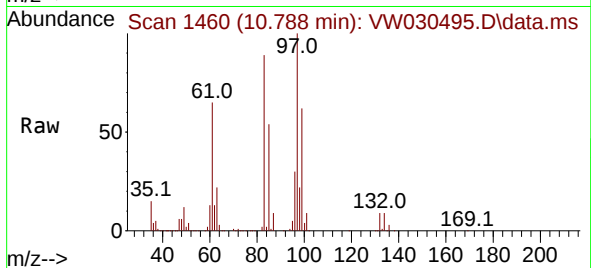
Ion Ratio Lower Upper

97 100

99 61.6 41.2 76.6

83 89.2 59.6 110.6

85 54.4 37.7 69.9



#46

Tetrachloroethene

Concen: 21.483 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VW030495.D

Acq: 09 Oct 2024 23:59

Tgt Ion:164 Resp: 99760

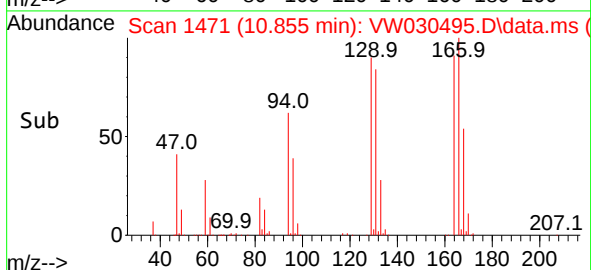
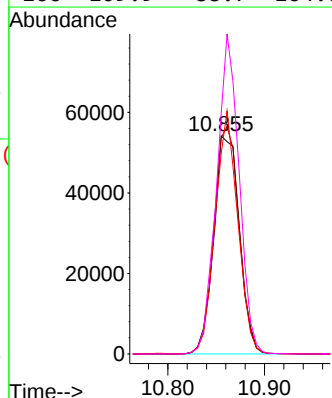
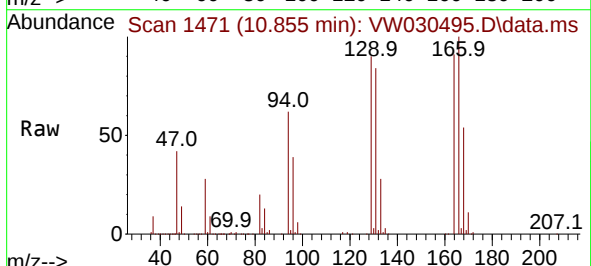
Ion Ratio Lower Upper

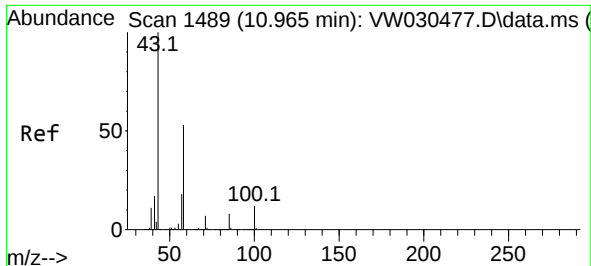
164 100

129 99.1 66.6 123.6

131 91.8 63.7 118.3

166 109.9 88.7 164.7

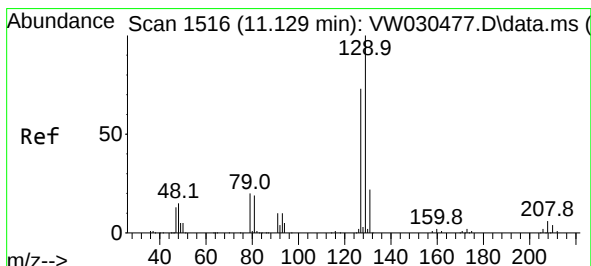
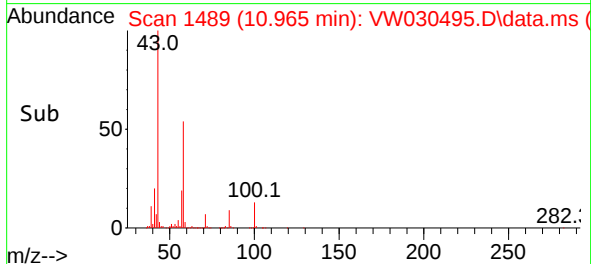
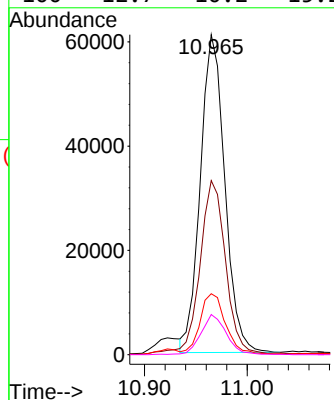
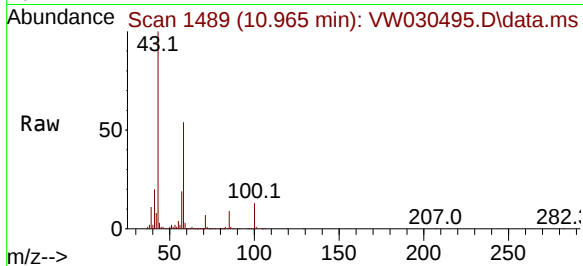




#48
2-Hexanone
Concen: 45.505 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030495.D
Acq: 09 Oct 2024 23:59

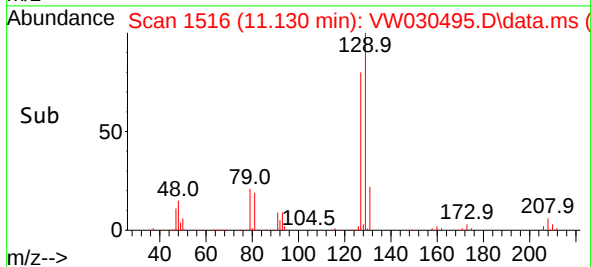
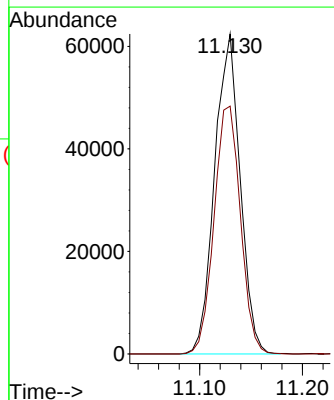
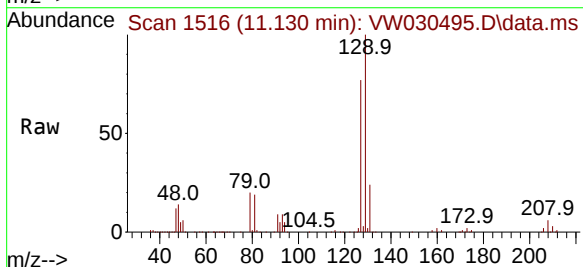
Instrument :
MSVOA_W
ClientSampleId :
A4FB7MS

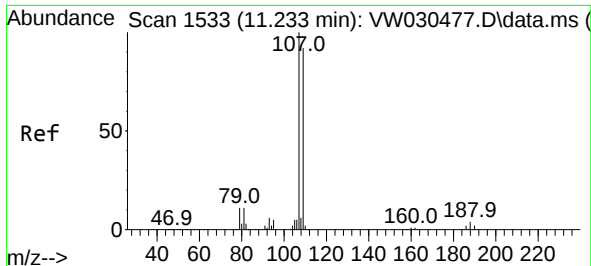
Tgt Ion: 43	Resp: 101044
Ion Ratio	Lower Upper
43 100	
58 57.4	44.6 67.0
57 20.1	15.8 23.8
100 12.7	10.2 15.2



#49
Dibromochloromethane
Concen: 23.604 ug/L
RT: 11.130 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW030495.D
Acq: 09 Oct 2024 23:59

Tgt Ion:129	Resp: 107583
Ion Ratio	Lower Upper
129 100	
127 77.5	56.5 104.9





#50

1,2-Dibromoethane

Concen: 23.774 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030495.D

Acq: 09 Oct 2024 23:59

Instrument :

MSVOA_W

ClientSampleId :

A4FB7MS

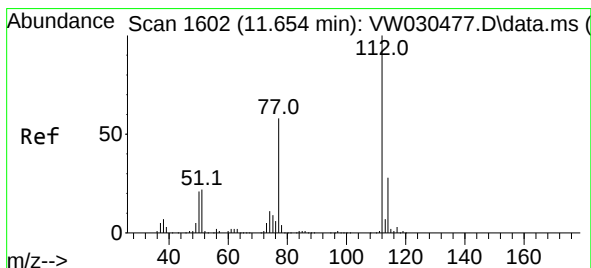
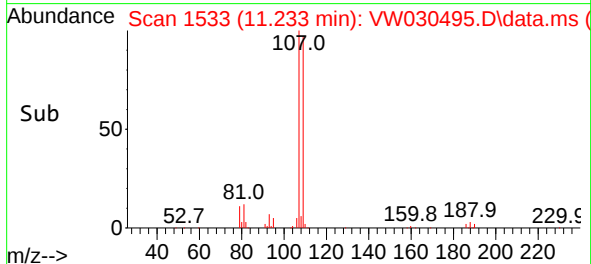
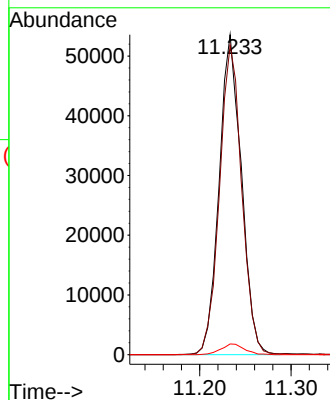
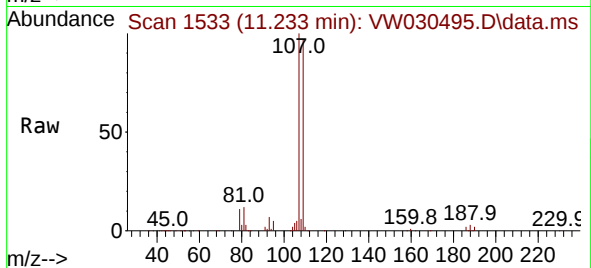
Tgt Ion:107 Resp: 90617

Ion Ratio Lower Upper

107 100

109 96.8 63.8 118.6

188 3.3 2.6 3.8



#51

Chlorobenzene

Concen: 23.302 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW030495.D

Acq: 09 Oct 2024 23:59

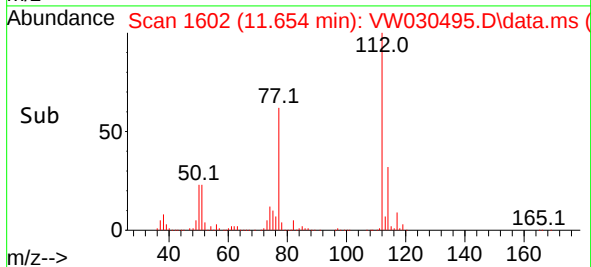
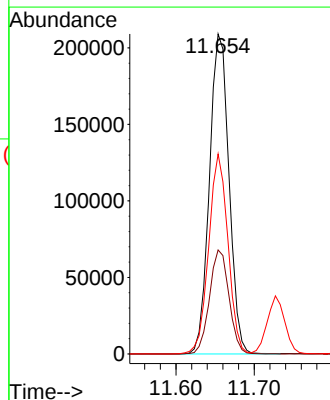
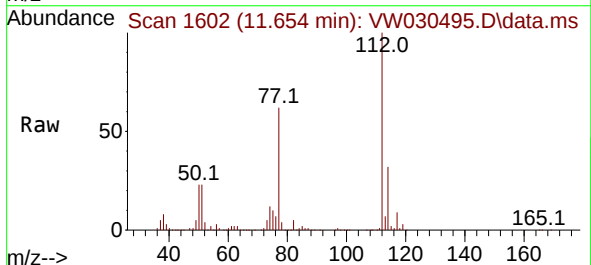
Tgt Ion:112 Resp: 362152

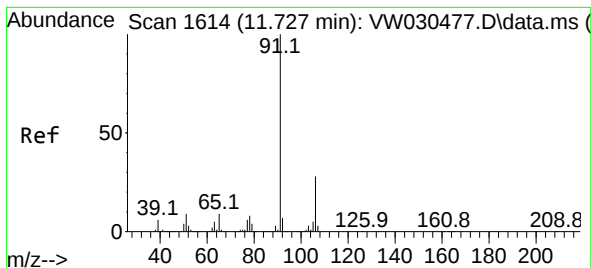
Ion Ratio Lower Upper

112 100

114 32.5 22.4 41.6

77 62.5 47.1 70.7

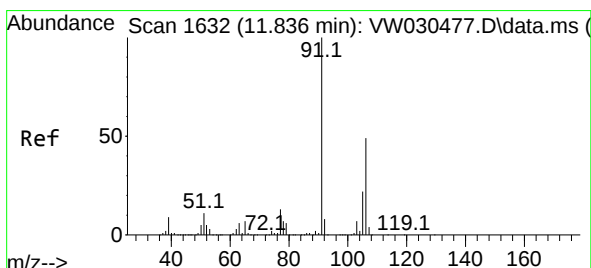
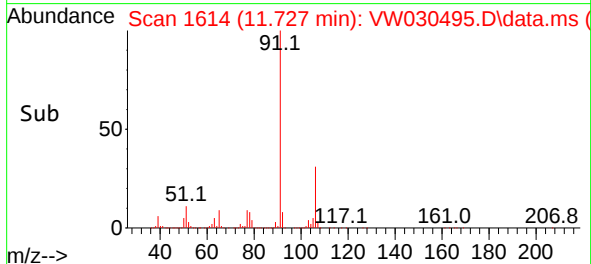
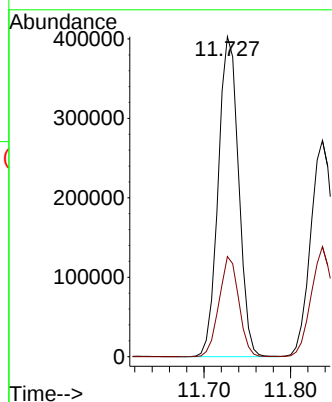
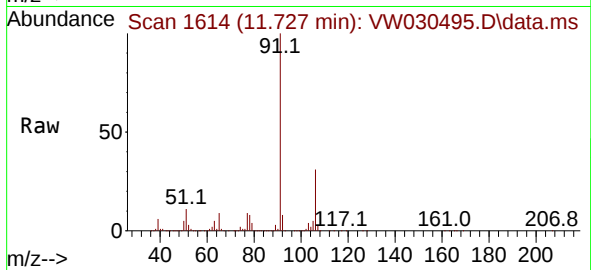




#52
Ethylbenzene
Concen: 23.918 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW030495.D
Acq: 09 Oct 2024 23:59

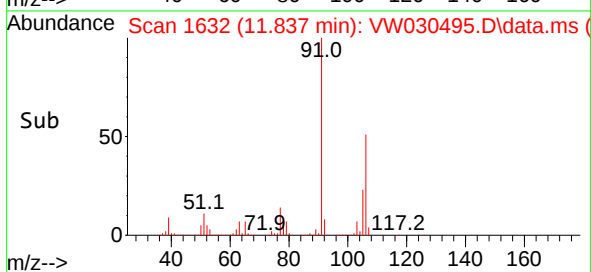
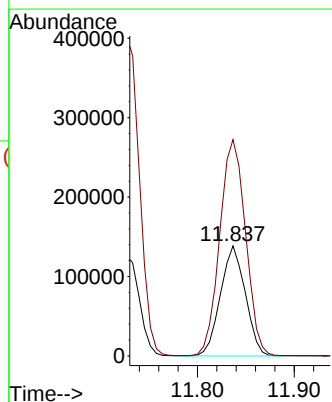
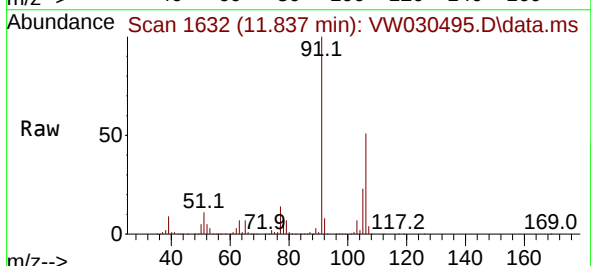
Instrument :
MSVOA_W
ClientSampleId :
A4FB7MS

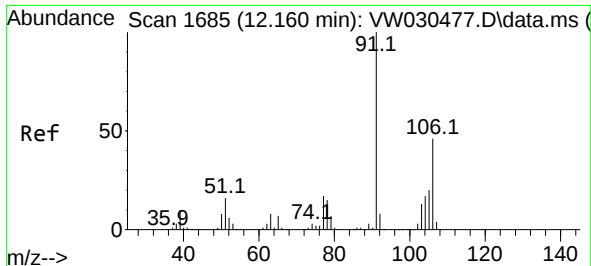
Tgt Ion: 91 Resp: 658923
Ion Ratio Lower Upper
91 100
106 31.3 21.1 39.1



#53
m,p-Xylene
Concen: 23.942 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW030495.D
Acq: 09 Oct 2024 23:59

Tgt Ion: 106 Resp: 247108
Ion Ratio Lower Upper
106 100
91 196.5 140.6 261.2

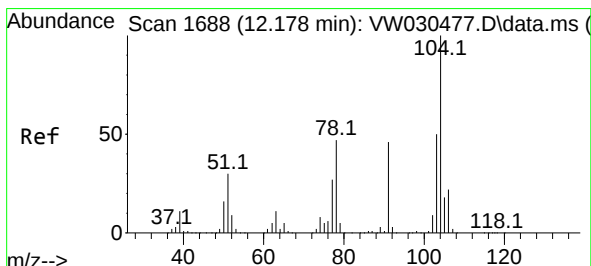
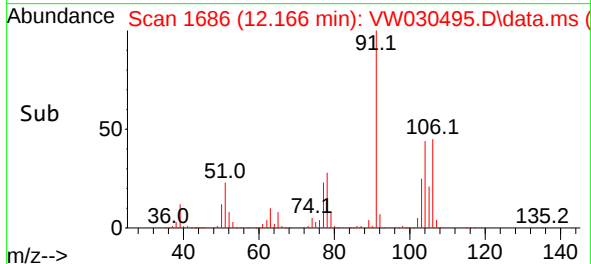
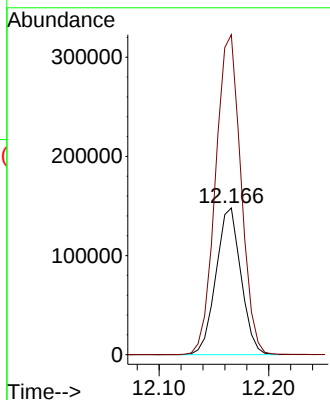
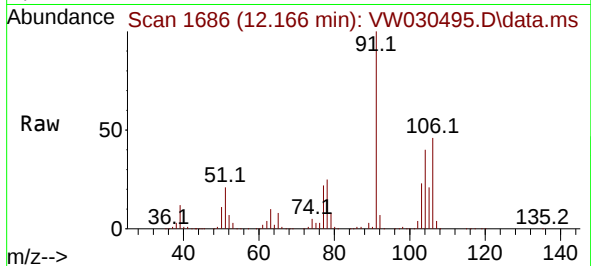




#54
o-Xylene
Concen: 24.589 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW030495.D
Acq: 09 Oct 2024 23:59

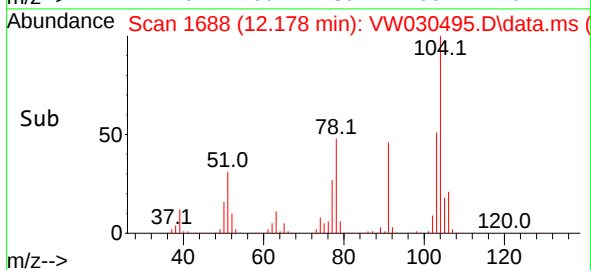
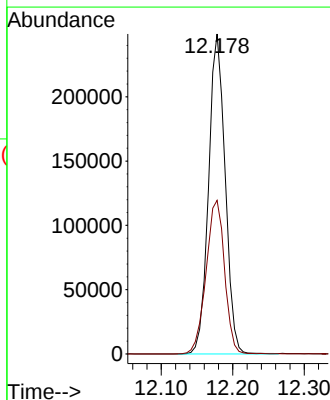
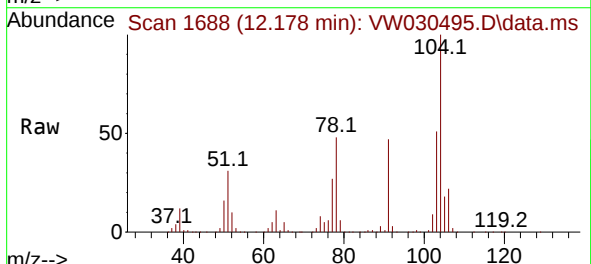
Instrument :
MSVOA_W
ClientSampleId :
A4FB7MS

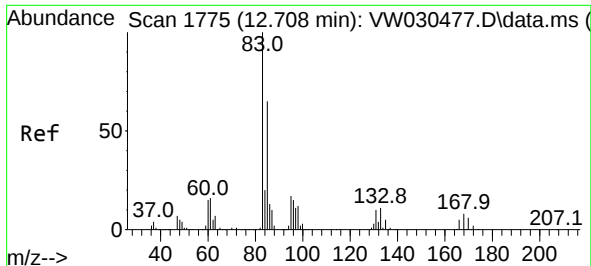
Tgt Ion:106 Resp: 234627
Ion Ratio Lower Upper
106 100
91 218.0 144.5 268.4



#55
Styrene
Concen: 24.558 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW030495.D
Acq: 09 Oct 2024 23:59

Tgt Ion:104 Resp: 400584
Ion Ratio Lower Upper
104 100
78 48.0 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 24.578 ug/L

RT: 12.709 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030495.D

Acq: 09 Oct 2024 23:59

Instrument :

MSVOA_W

ClientSampleId :

A4FB7MS

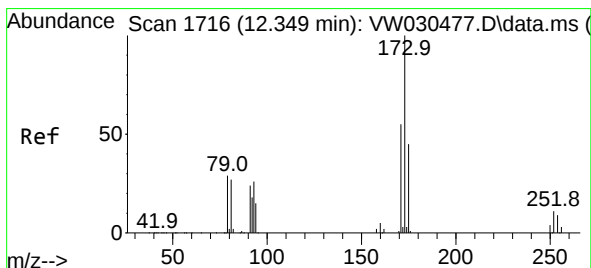
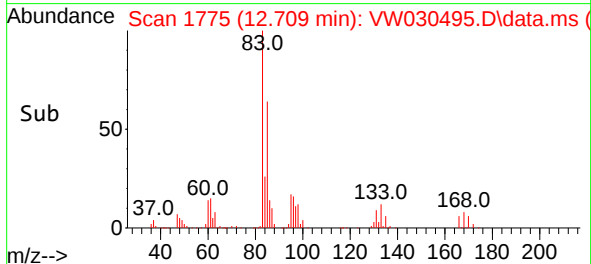
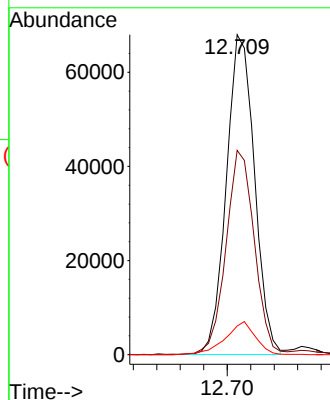
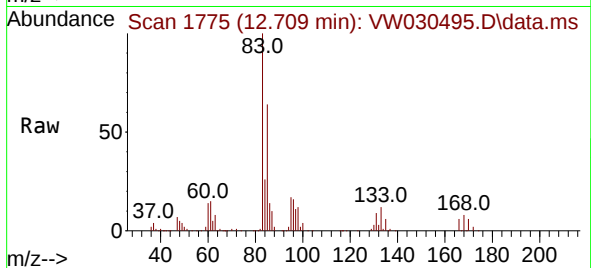
Tgt Ion: 83 Resp: 113216

Ion Ratio Lower Upper

83 100

85 63.8 42.6 79.2

131 9.0 7.4 11.0



#59

Bromoform

Concen: 25.241 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW030495.D

Acq: 09 Oct 2024 23:59

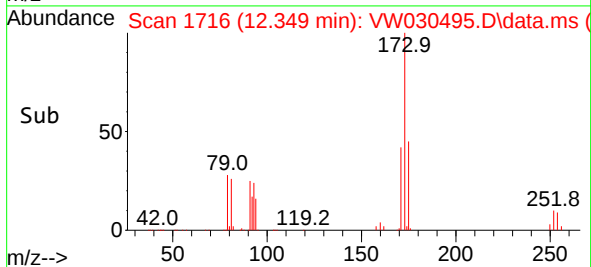
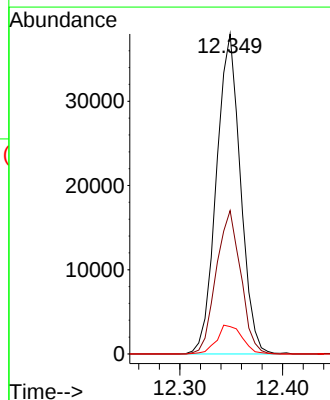
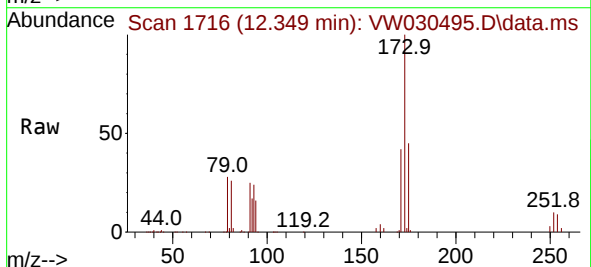
Tgt Ion:173 Resp: 61742

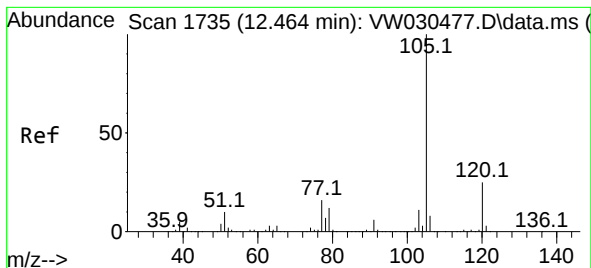
Ion Ratio Lower Upper

173 100

175 45.6 39.0 58.4

254 9.5 7.7 11.5





#60

Isopropylbenzene

Concen: 23.780 ug/L

RT: 12.459 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW030495.D

Acq: 09 Oct 2024 23:59

Instrument :

MSVOA_W

ClientSampleId :

A4FB7MS

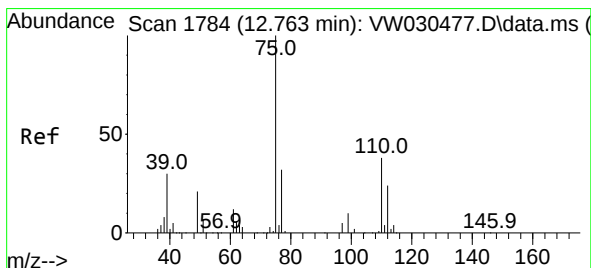
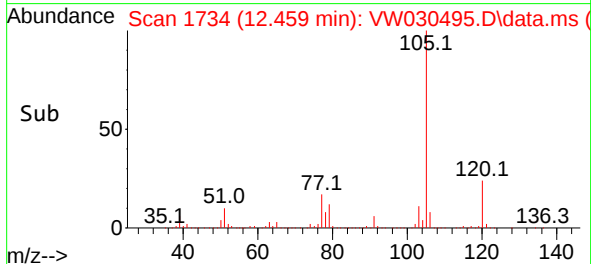
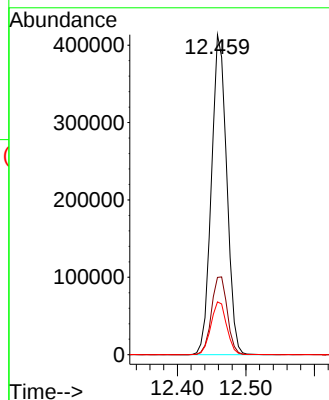
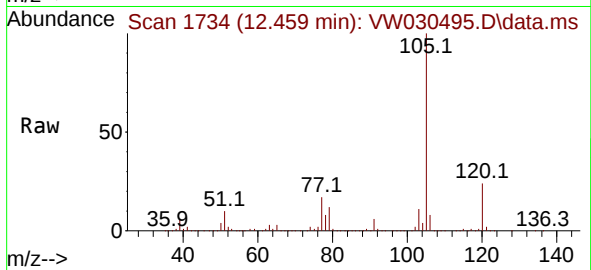
Tgt Ion:105 Resp: 641156

Ion Ratio Lower Upper

105 100

120 25.1 20.6 31.0

77 17.0 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 24.037 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW030495.D

Acq: 09 Oct 2024 23:59

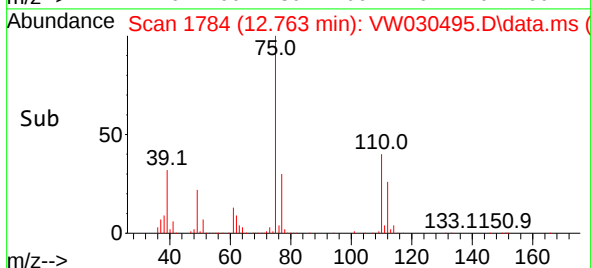
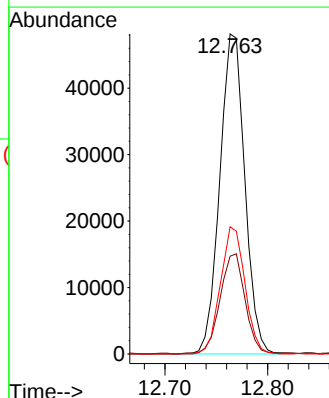
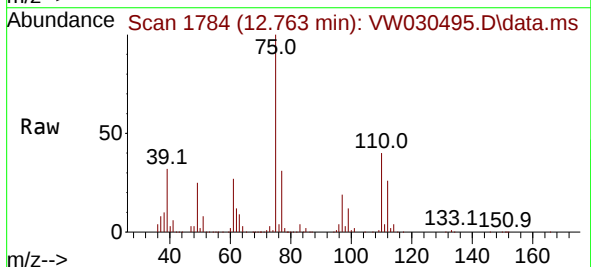
Tgt Ion: 75 Resp: 81434

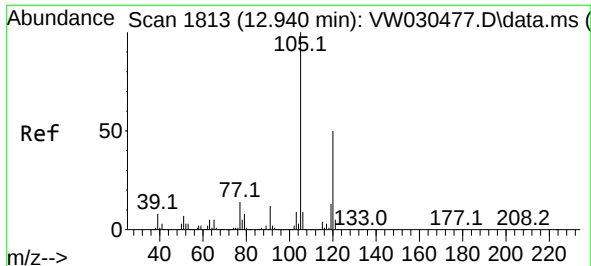
Ion Ratio Lower Upper

75 100

77 31.0 25.7 38.5

110 38.9 32.3 48.5

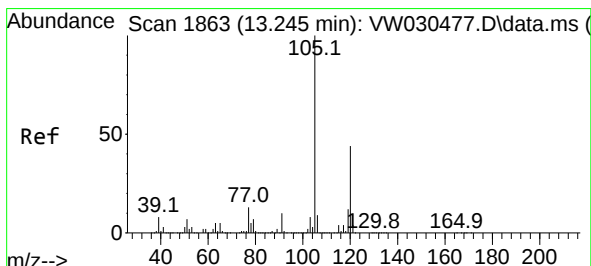
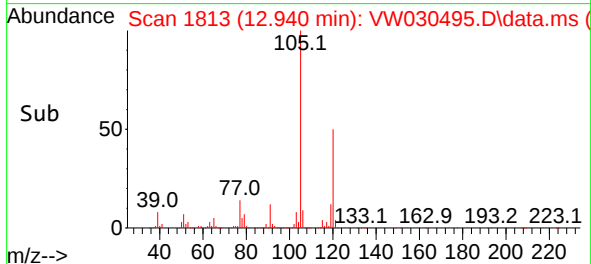
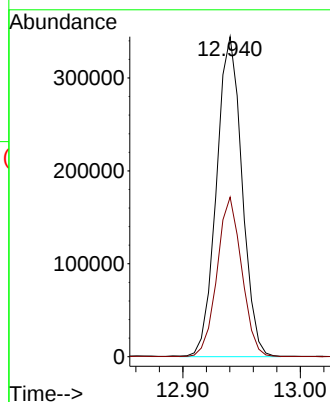
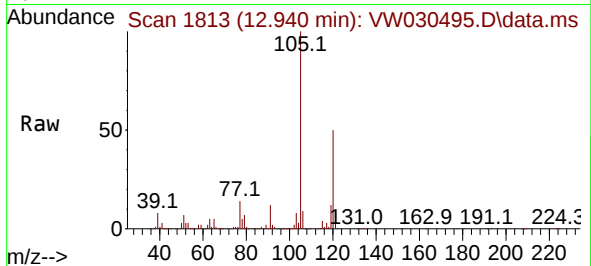




#62
1,3,5-Trimethylbenzene
Concen: 24.480 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW030495.D
Acq: 09 Oct 2024 23:59

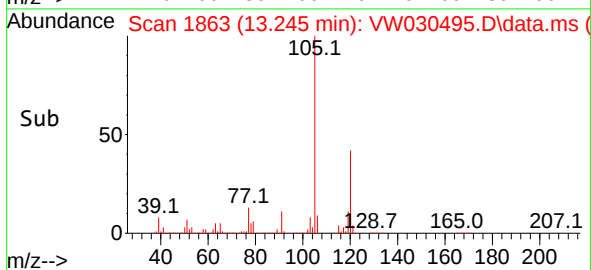
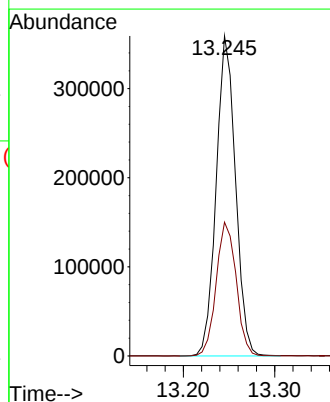
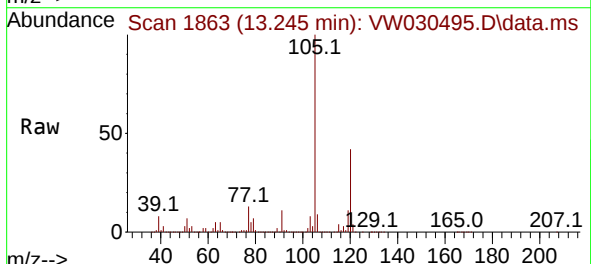
Instrument :
MSVOA_W
ClientSampleId :
A4FB7MS

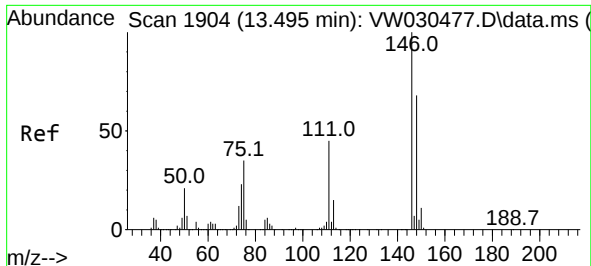
Tgt Ion:105 Resp: 520725
Ion Ratio Lower Upper
105 100
120 47.9 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 25.301 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW030495.D
Acq: 09 Oct 2024 23:59

Tgt Ion:105 Resp: 526930
Ion Ratio Lower Upper
105 100
120 43.3 35.8 53.6

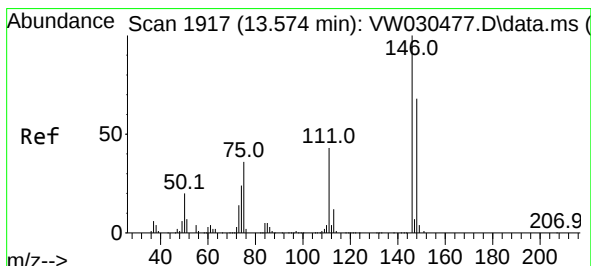
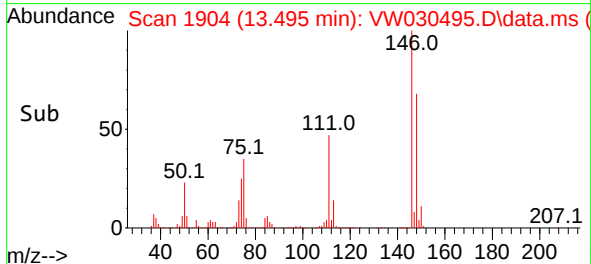
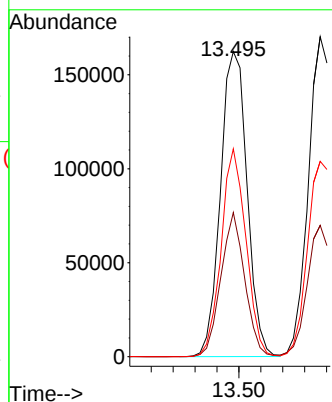
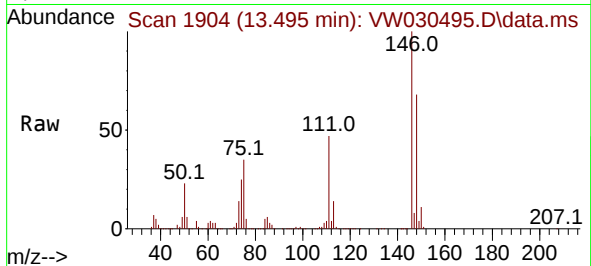




#64
1,3-Dichlorobenzene
Concen: 23.323 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030495.D
Acq: 09 Oct 2024 23:59

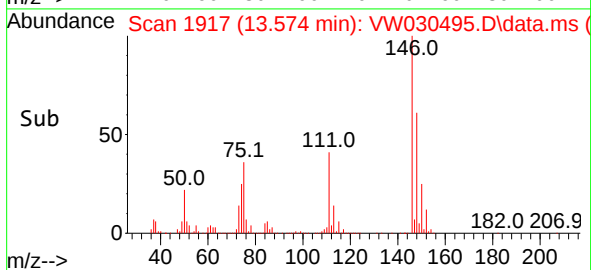
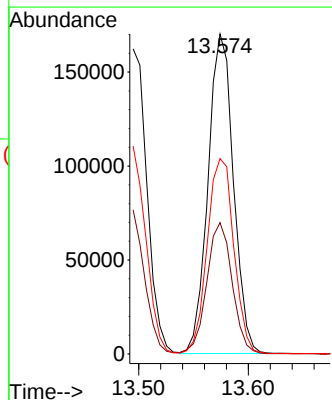
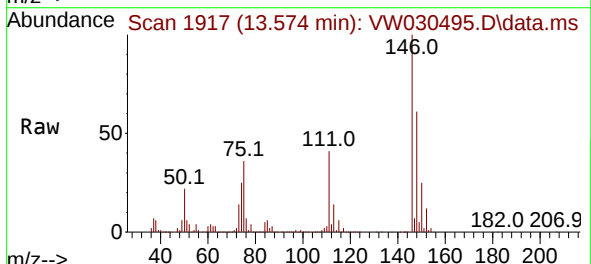
Instrument :
MSVOA_W
ClientSampleId :
A4FB7MS

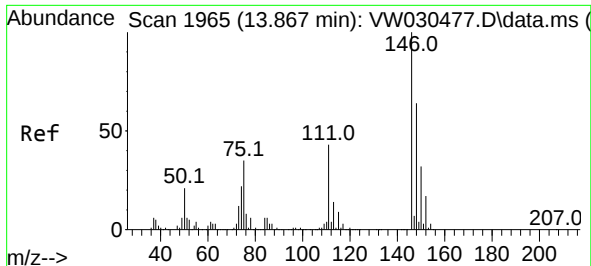
Tgt Ion:146 Resp: 273722
Ion Ratio Lower Upper
146 100
111 47.3 31.2 58.0
148 68.1 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 22.610 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030495.D
Acq: 09 Oct 2024 23:59

Tgt Ion:146 Resp: 273990
Ion Ratio Lower Upper
146 100
111 41.1 26.8 49.8
148 61.1 41.0 76.2

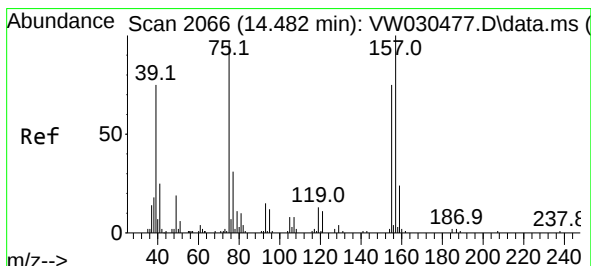
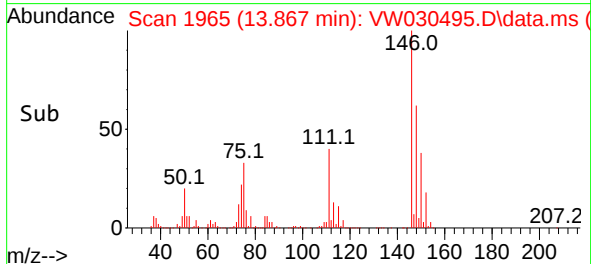
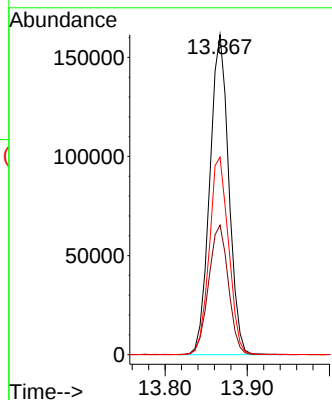
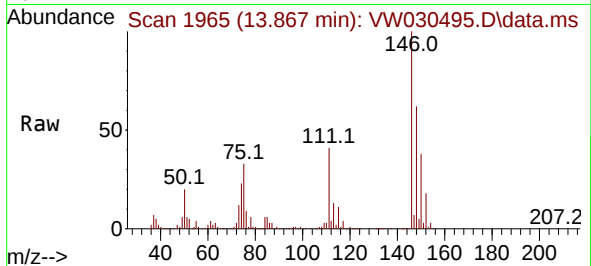




#67
1,2-Dichlorobenzene
Concen: 25.073 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW030495.D
Acq: 09 Oct 2024 23:59

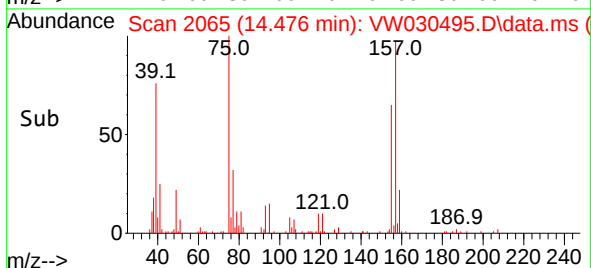
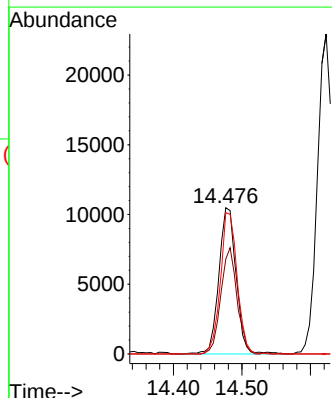
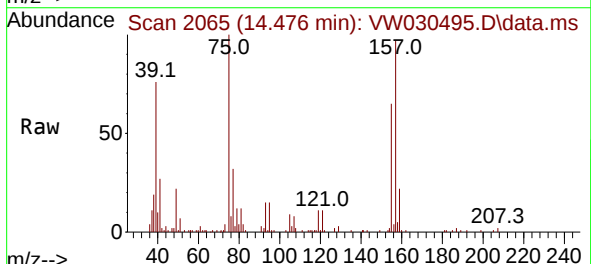
Instrument :
MSVOA_W
ClientSampleId :
A4FB7MS

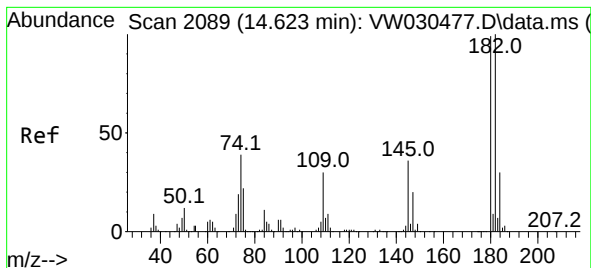
Tgt Ion:146 Resp: 258934
Ion Ratio Lower Upper
146 100
111 40.5 34.6 52.0
148 61.7 53.3 79.9



#68
1,2-Dibromo-3-chloropropane
Concen: 24.125 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW030495.D
Acq: 09 Oct 2024 23:59

Tgt Ion: 75 Resp: 18224
Ion Ratio Lower Upper
75 100
155 64.8 57.9 86.9
157 96.6 69.0 103.6





#69

1,3,5-Trichlorobenzene

Concen: 21.743 ug/L

RT: 14.629 min Scan# 2089

Delta R.T. 0.006 min

Lab File: VW030495.D

Acq: 09 Oct 2024 23:59

Instrument :

MSVOA_W

ClientSampleId :

A4FB7MS

Tgt Ion:180 Resp: 168271

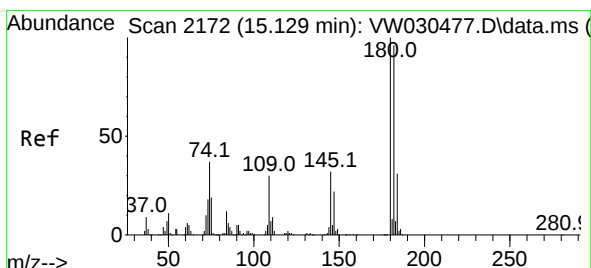
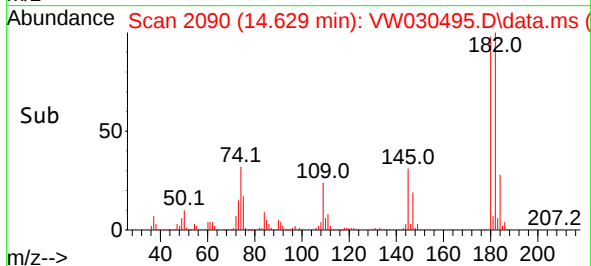
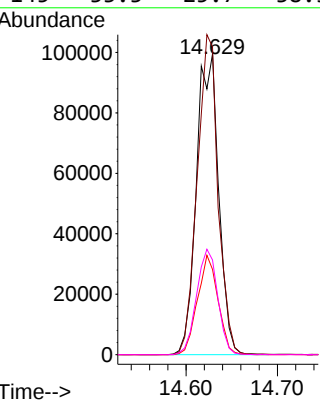
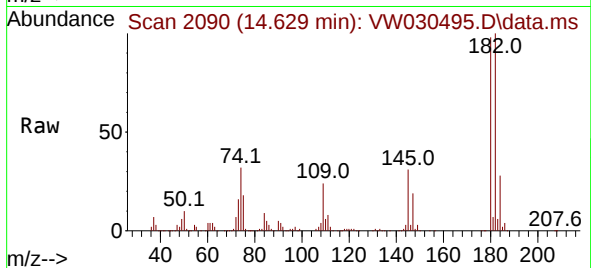
Ion Ratio Lower Upper

180 100

182 99.6 79.9 119.9

184 30.5 25.2 37.8

145 33.3 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 24.137 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW030495.D

Acq: 09 Oct 2024 23:59

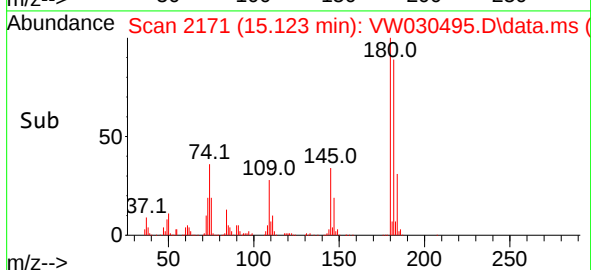
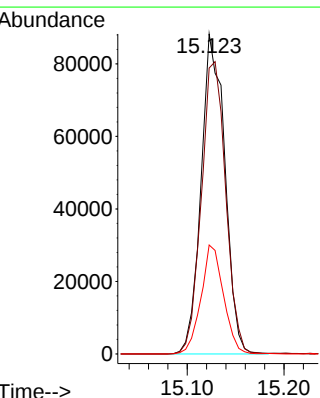
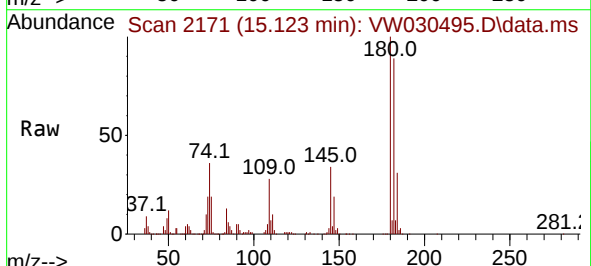
Tgt Ion:180 Resp: 150378

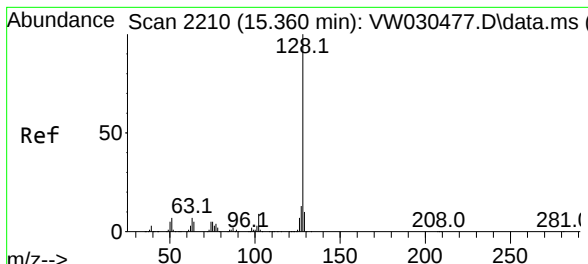
Ion Ratio Lower Upper

180 100

182 93.7 75.2 112.8

145 32.3 25.4 38.2



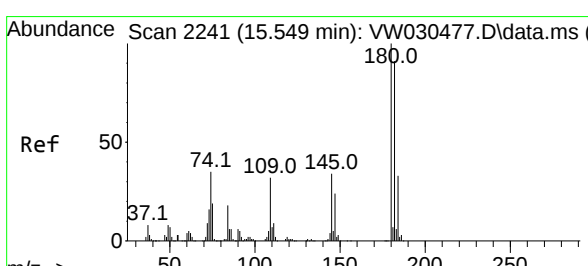
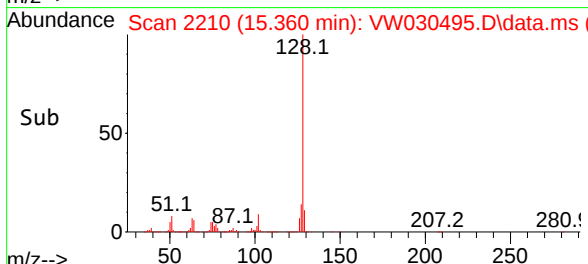
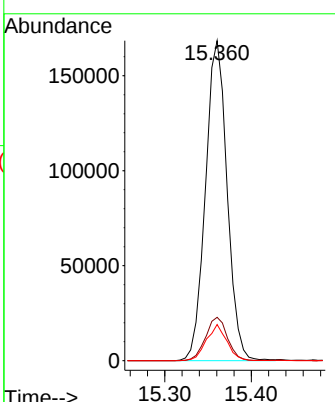
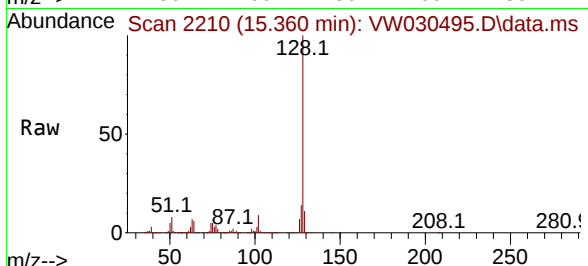


#71
Naphthalene
Concen: 27.166 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VW030495.D
Acq: 09 Oct 2024 23:59

Instrument :
MSVOA_W
ClientSampleId :
A4FB7MS

Tgt Ion:128 Resp: 292411

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.9	16.3
129	10.7	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 24.598 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW030495.D
Acq: 09 Oct 2024 23:59

Tgt Ion:180 Resp: 132855

Ion	Ratio	Lower	Upper
180	100		
182	92.2	76.2	114.4
145	34.4	27.4	41.2

