

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032223\
 Data File : VW025480.D
 Acq On : 22 Mar 2023 14:53
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.07g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 23 00:30:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 23 00:29:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	697221	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	627488	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	309589	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	224496	19.365	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.480%
7) Chloroethane-d5	2.893	69	184583	22.128	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.520%
11) 1,1-Dichloroethene-d2	4.027	63	492625	22.001	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.000%
21) 2-Butanone-d5	7.069	46	136280	47.893	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.780%
24) Chloroform-d	7.642	84	520230	25.882	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.520%
26) 1,2-Dichloroethane-d4	8.301	65	270037	25.030	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.120%
32) Benzene-d6	8.270	84	1046162	24.400	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	9.270	67	329127	24.813	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.240%
41) Toluene-d8	10.319	98	927635	24.539	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.160%
43) trans-1,3-Dichloroprop...	10.575	79	121887	23.077	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.320%
47) 2-Hexanone-d5	10.922	63	88065	46.172	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.340%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	231921	23.866	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.480%
66) 1,2-Dichlorobenzene-d4	13.848	152	280123	24.331	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	161509	20.270	ug/L	96
3) Chloromethane	2.222	50	230023	24.273	ug/L	97
5) Vinyl chloride	2.375	62	247172	23.087	ug/L	100
6) Bromomethane	2.789	94	135760	23.784	ug/L	96
8) Chloroethane	2.930	64	148673	24.161	ug/L	97
9) Trichlorofluoromethane	3.265	101	169020	18.239	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	212544	23.651	ug/L	95
12) 1,1-Dichloroethene	4.045	96	203180	23.369	ug/L	87
13) Acetone	4.118	43	87209	31.881	ug/L	99
14) Carbon disulfide	4.393	76	627839	23.225	ug/L	100
15) Methyl Acetate	4.667	43	105608	20.580	ug/L	98
16) Methylene chloride	4.911	84	239485	24.668	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	222975	24.464	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	317082	23.108	ug/L	99
19) 1,1-Dichloroethane	6.210	63	475308	25.183	ug/L	98
20) cis-1,2-Dichloroethene	7.161	96	245748	24.626	ug/L	93
22) 2-Butanone	7.167	43	137063	38.734	ug/L	98
23) Bromochloromethane	7.514	128	99060	23.084	ug/L	88
25) Chloroform	7.673	83	444686	25.063	ug/L	99

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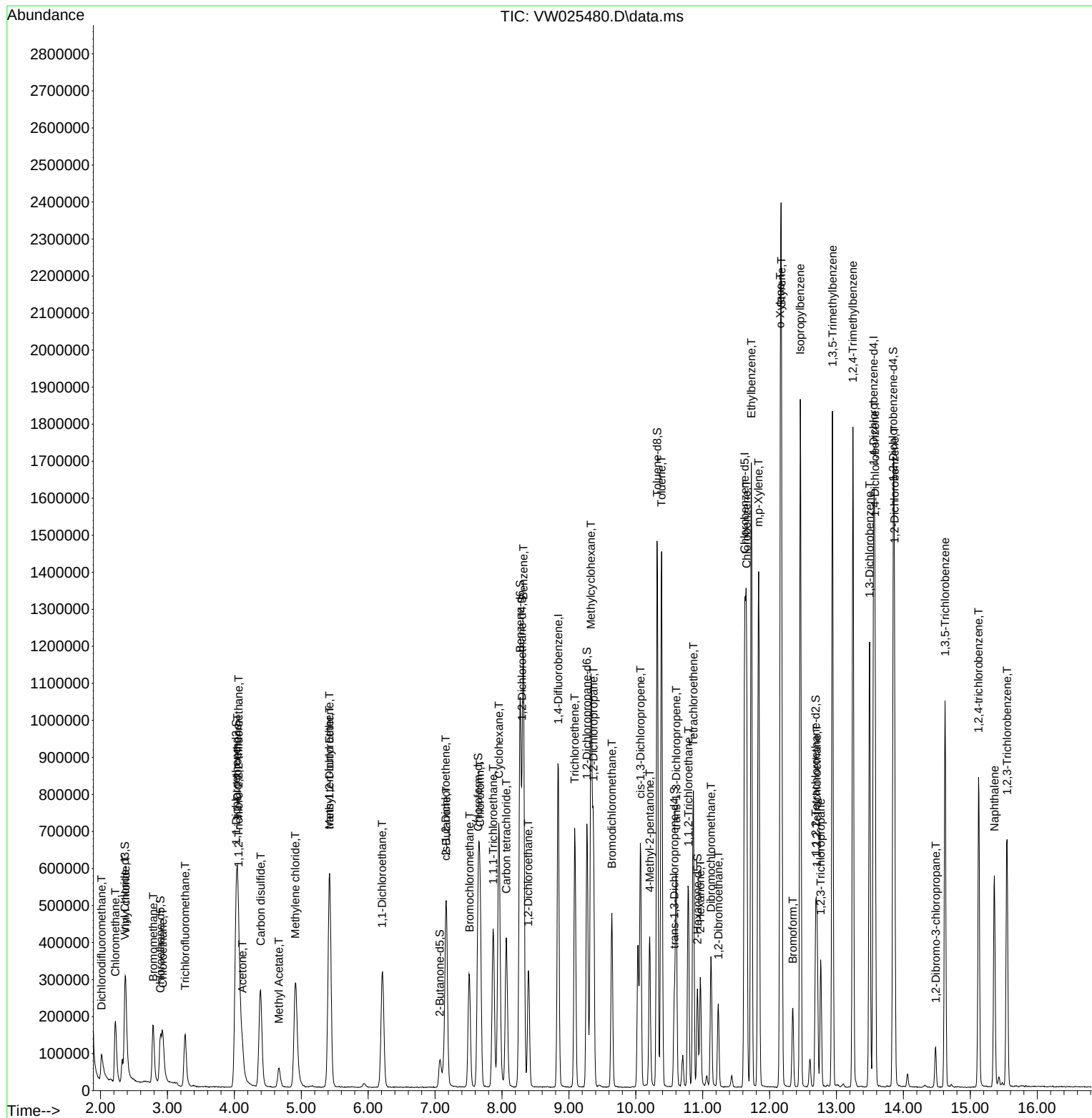
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.392	62	285736	24.131	ug/L	98
29) Cyclohexane	7.953	56	414317	23.392	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	343520	23.029	ug/L	99
31) Carbon tetrachloride	8.063	117	301510	22.550	ug/L	99
33) Benzene	8.319	78	993255	24.758	ug/L	100
34) Trichloroethene	9.087	95	243732	23.147	ug/L	99
35) Methylcyclohexane	9.331	83	416310	22.952	ug/L	99
37) 1,2-Dichloropropane	9.368	63	270365	24.483	ug/L	100
38) Bromodichloromethane	9.642	83	305778	23.743	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	385586	24.237	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	284212	42.821	ug/L	100
42) Toluene	10.386	91	1021400	24.658	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	309940	23.264	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	170389	22.976	ug/L	98
46) Tetrachloroethene	10.861	164	167843	22.403	ug/L	97
48) 2-Hexanone	10.965	43	193325	40.485	ug/L	100
49) Dibromochloromethane	11.123	129	180835	22.821	ug/L	99
50) 1,2-Dibromoethane	11.233	107	149469	21.774	ug/L	91
51) Chlorobenzene	11.654	112	610361	23.217	ug/L	99
52) Ethylbenzene	11.727	91	1155075	24.450	ug/L	94
53) m,p-Xylene	11.837	106	421117	24.168	ug/L	97
54) o-Xylene	12.160	106	403909	24.634	ug/L	99
55) Styrene	12.178	104	695458	24.838	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	198050	21.469	ug/L	97
59) Bromoform	12.349	173	93999	21.045	ug/L	99
60) Isopropylbenzene	12.458	105	1120210	24.273	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	139770	20.722	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	912331	24.960	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	904787	25.128	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	464900	23.773	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	456398	22.752	ug/L	89
67) 1,2-Dichlorobenzene	13.867	146	404446	23.059	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	28968	18.551	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	298724	22.471	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	239863	21.762	ug/L	97
71) Naphthalene	15.360	128	465111	21.378	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	212143	21.429	ug/L	99

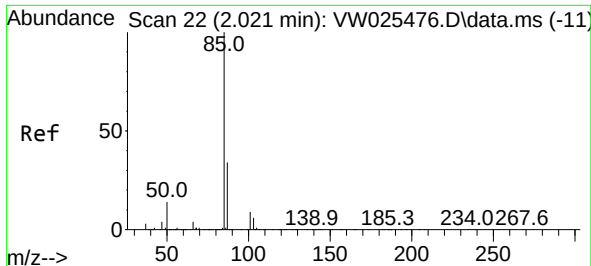
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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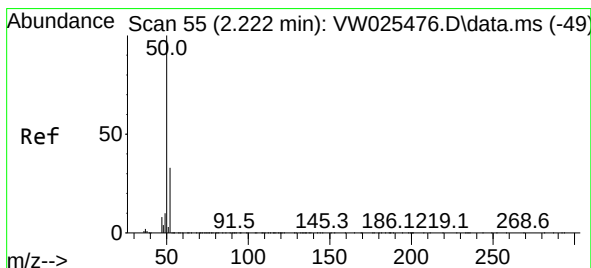
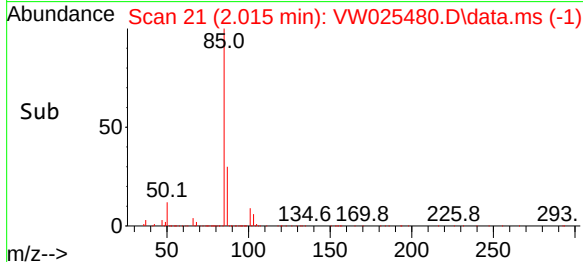
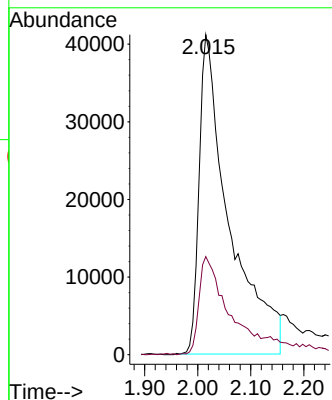
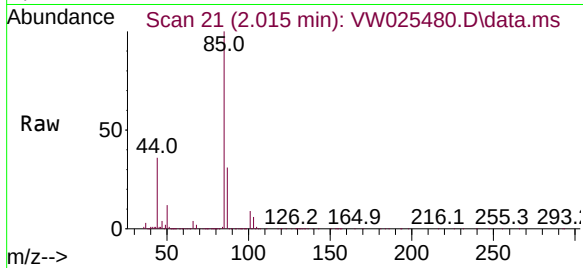




#2
 Dichlorodifluoromethane
 Concen: 20.270 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW025480.D
 Acq: 22 Mar 2023 14:53

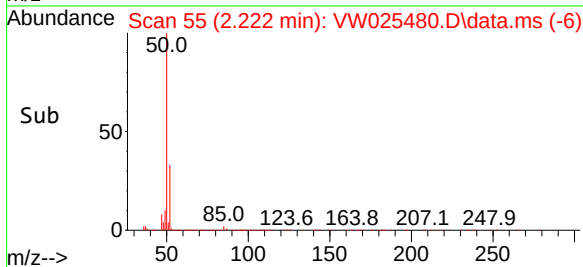
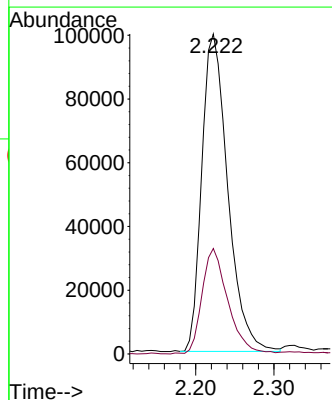
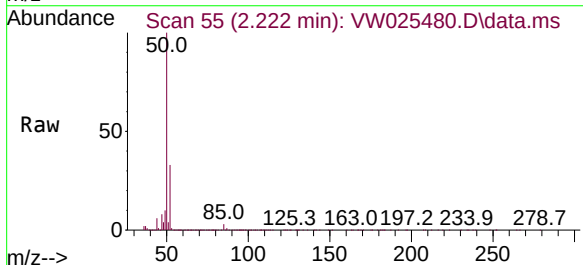
Instrument :
 MSVOA_W
 ClientSampleId :

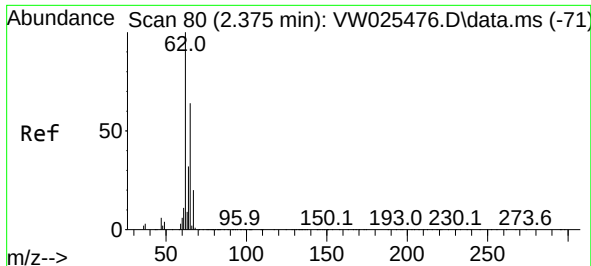
Tgt Ion: 85 Resp: 161509
 Ion Ratio Lower Upper
 85 100
 87 27.8 20.5 30.7



#3
 Chloromethane
 Concen: 24.273 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW025480.D
 Acq: 22 Mar 2023 14:53

Tgt Ion: 50 Resp: 230023
 Ion Ratio Lower Upper
 50 100
 52 32.9 21.9 40.7

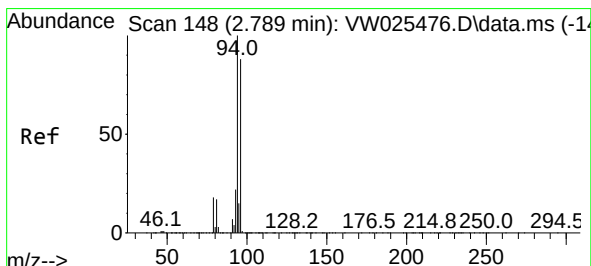
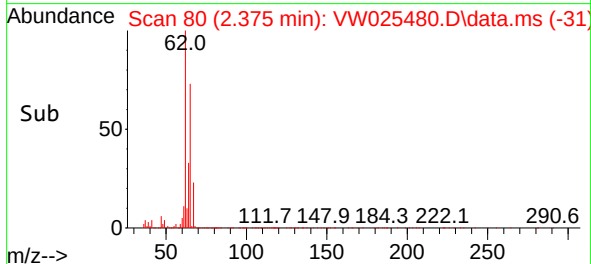
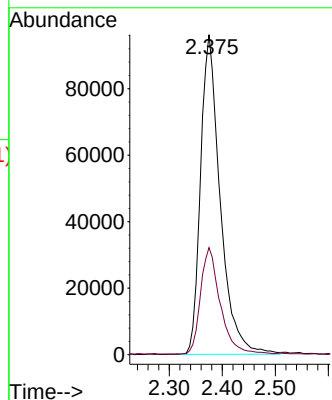
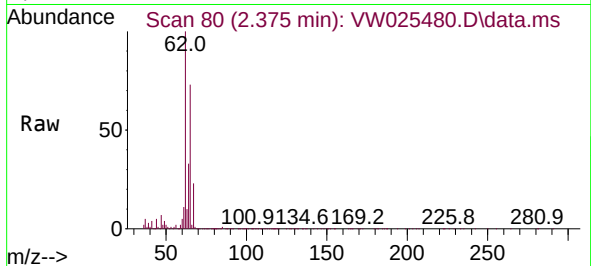




#5
 Vinyl chloride
 Concen: 23.087 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW025480.D
 Acq: 22 Mar 2023 14:53

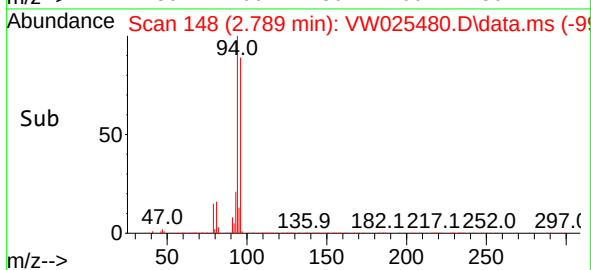
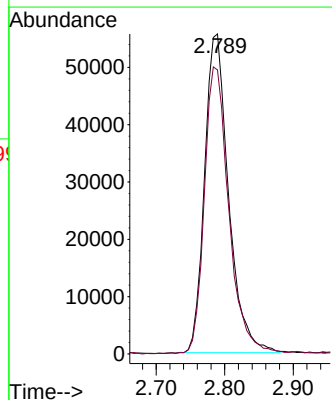
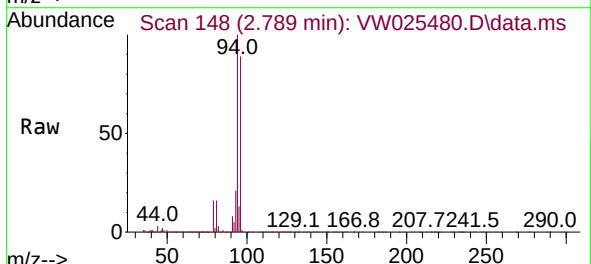
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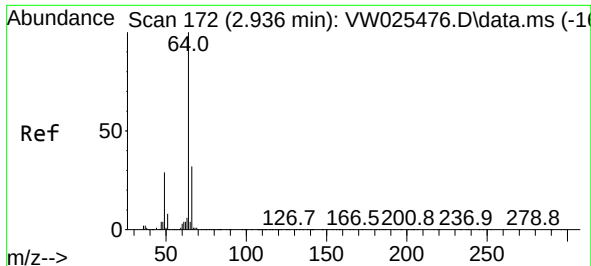
Tgt Ion: 62 Resp: 247172
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.4 43.6



#6
 Bromomethane
 Concen: 23.784 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW025480.D
 Acq: 22 Mar 2023 14:53

Tgt Ion: 94 Resp: 135760
 Ion Ratio Lower Upper
 94 100
 96 88.8 64.5 119.9

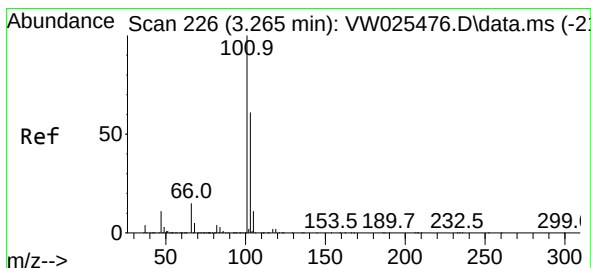
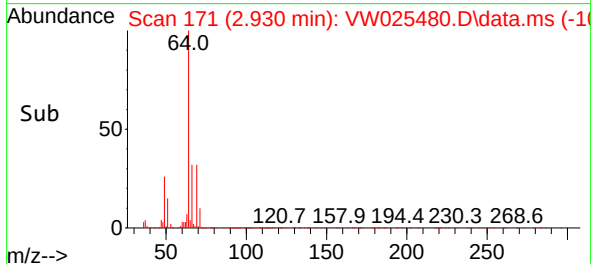
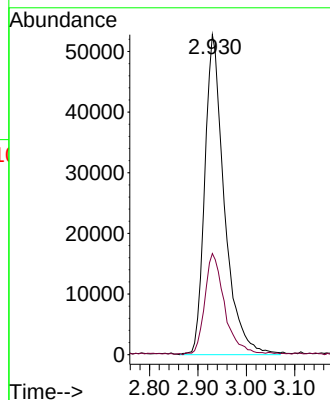
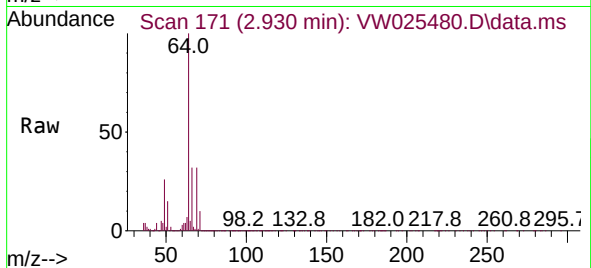




#8
Chloroethane
Concen: 24.161 ug/L
RT: 2.930 min Scan# 172
Delta R.T. -0.006 min
Lab File: VW025480.D
Acq: 22 Mar 2023 14:53

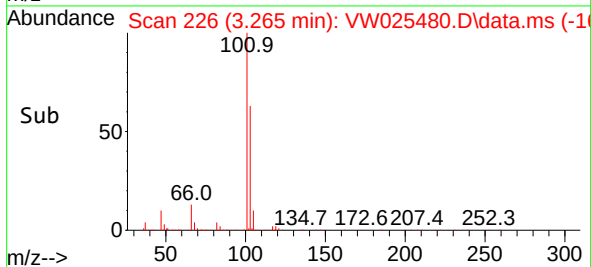
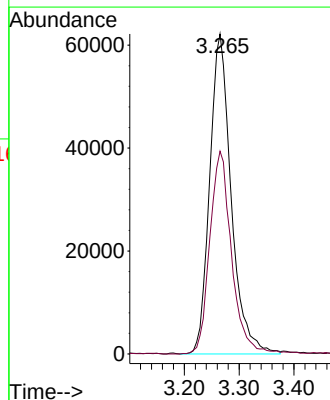
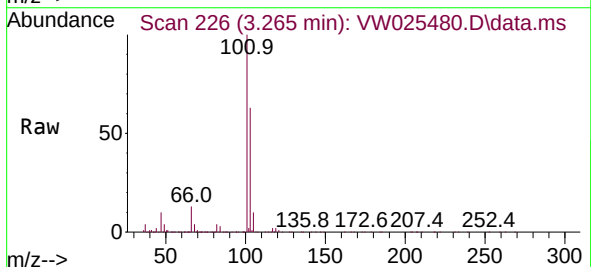
Instrument :
MSVOA_W
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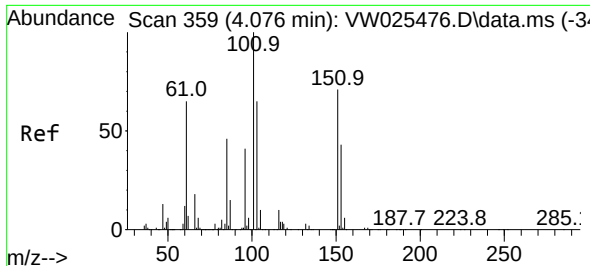
Tgt Ion: 64 Resp: 148673
Ion Ratio Lower Upper
64 100
66 31.6 23.3 43.3



#9
Trichlorofluoromethane
Concen: 18.239 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW025480.D
Acq: 22 Mar 2023 14:53

Tgt Ion: 101 Resp: 169020
Ion Ratio Lower Upper
101 100
103 63.2 51.5 77.3

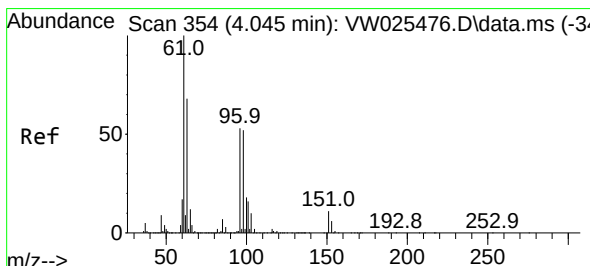
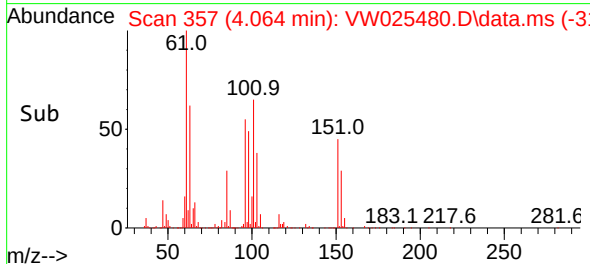
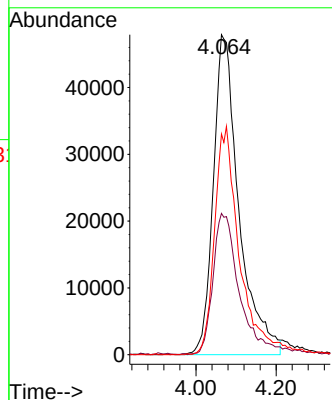
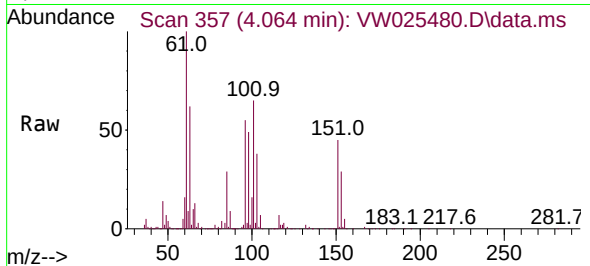




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.651 ug/L
 RT: 4.064 min Scan# 357
 Delta R.T. -0.012 min
 Lab File: VW025480.D
 Acq: 22 Mar 2023 14:53

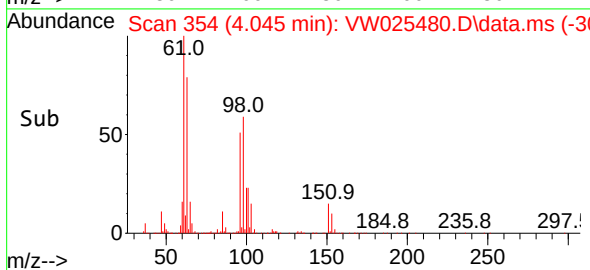
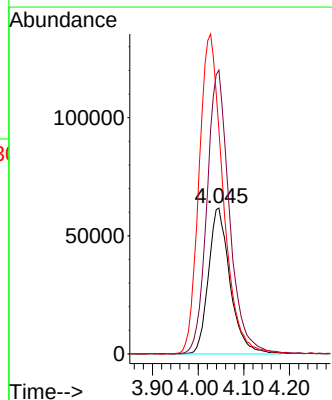
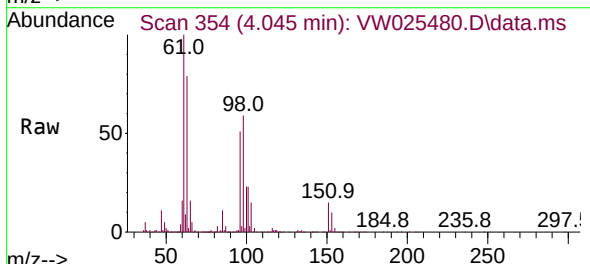
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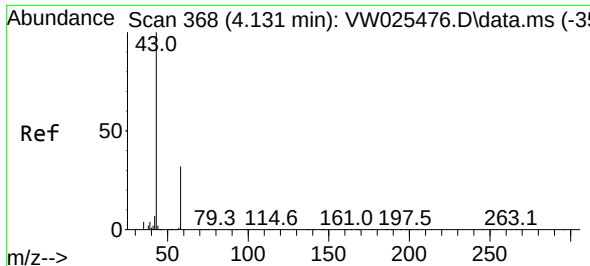
Tgt Ion:101 Resp: 212544
 Ion Ratio Lower Upper
 101 100
 85 42.6 35.8 53.8
 151 62.5 54.2 81.2



#12
 1,1-Dichloroethene
 Concen: 23.369 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW025480.D
 Acq: 22 Mar 2023 14:53

Tgt Ion: 96 Resp: 203180
 Ion Ratio Lower Upper
 96 100
 61 194.5 130.7 242.7
 63 153.4 88.3 164.1

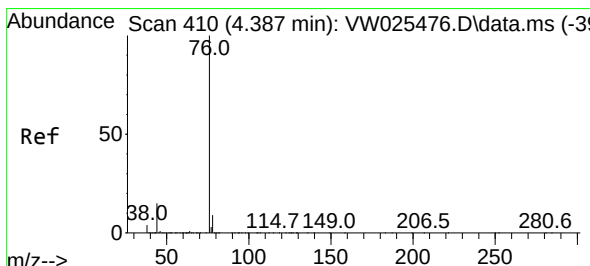
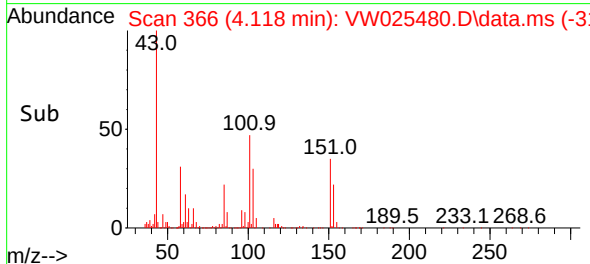
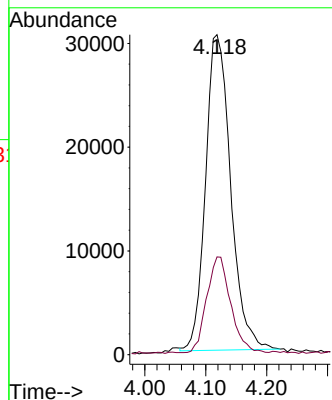
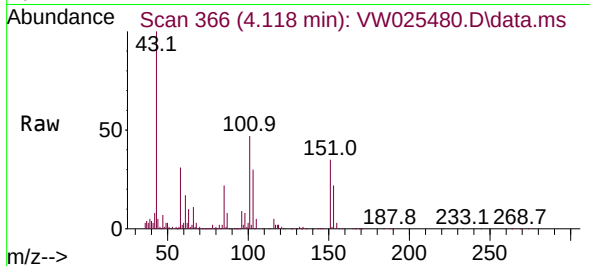




#13
Acetone
Concen: 31.881 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.012 min
Lab File: VW025480.D
Acq: 22 Mar 2023 14:53

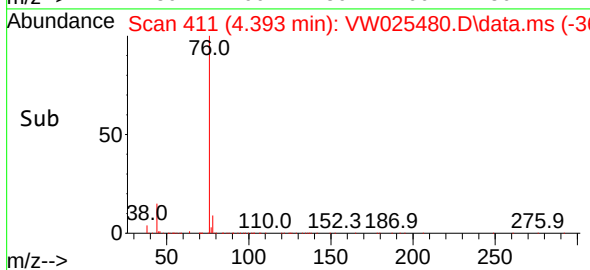
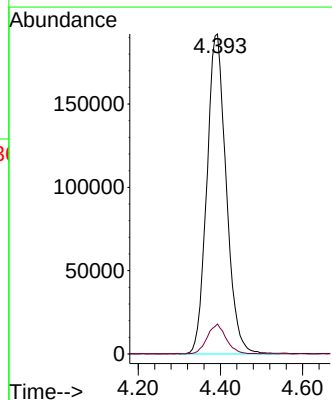
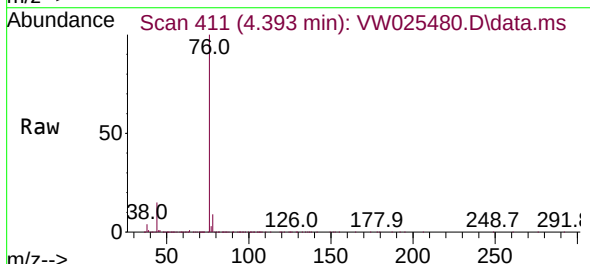
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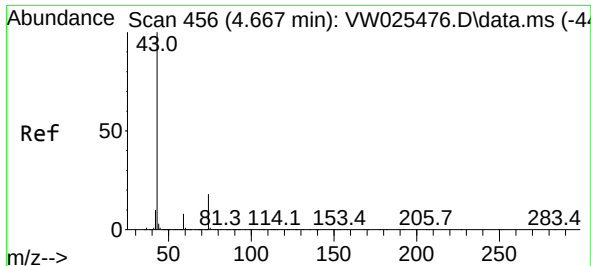
Tgt Ion: 43 Resp: 87209
Ion Ratio Lower Upper
43 100
58 29.2 0.0 60.0



#14
Carbon disulfide
Concen: 23.225 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 627839
Ion Ratio Lower Upper
76 100
78 9.4 7.6 11.4

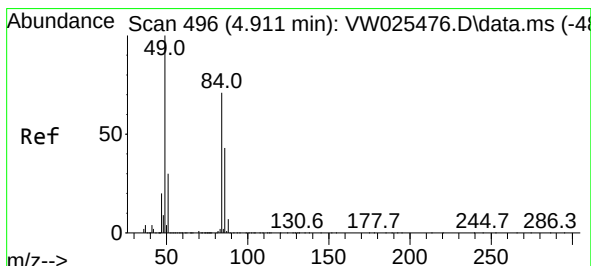
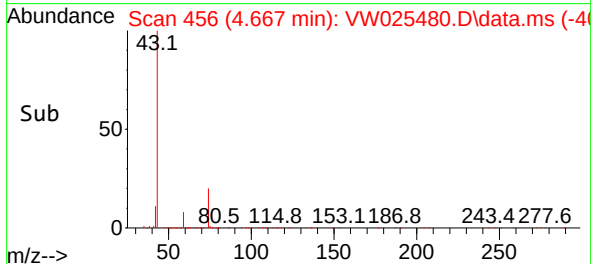
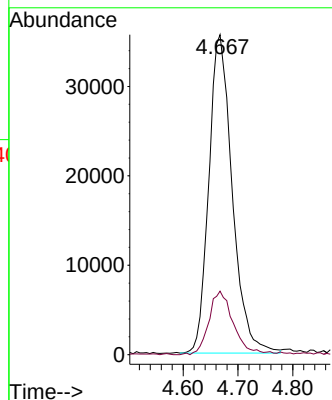
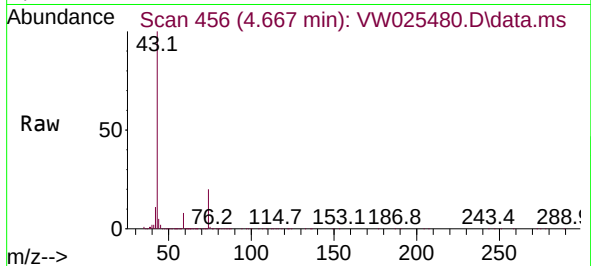




#15
Methyl Acetate
Concen: 20.580 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW025480.D
Acq: 22 Mar 2023 14:53

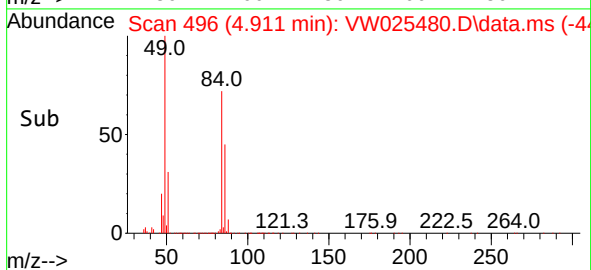
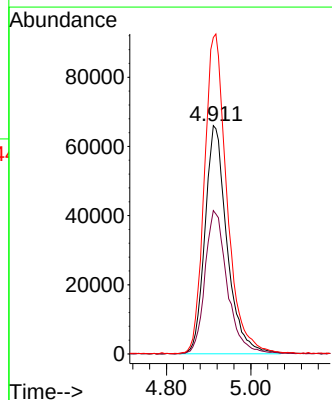
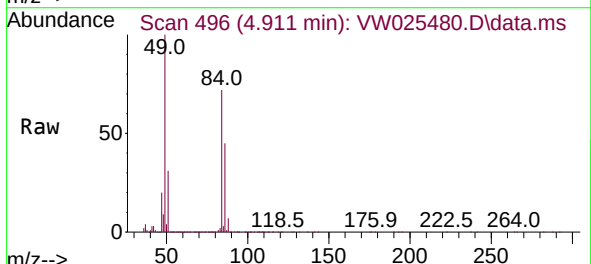
Instrument :
MSVOA_W
ClientSampleId :

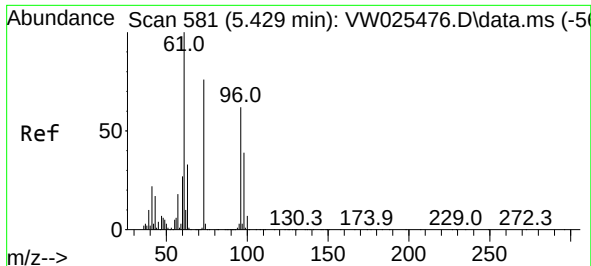
Tgt Ion: 43 Resp: 105608
Ion Ratio Lower Upper
43 100
74 20.1 17.0 25.4



#16
Methylene chloride
Concen: 24.668 ug/L
RT: 4.911 min Scan# 496
Delta R.T. -0.000 min
Lab File: VW025480.D
Acq: 22 Mar 2023 14:53

Tgt Ion: 84 Resp: 239485
Ion Ratio Lower Upper
84 100
86 62.8 45.1 83.7
49 138.7 94.7 175.9





#17

trans-1,2-Dichloroethene

Concen: 24.464 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW025480.D

Acq: 22 Mar 2023 14:53

Instrument :

MSVOA_W

ClientSampleId :

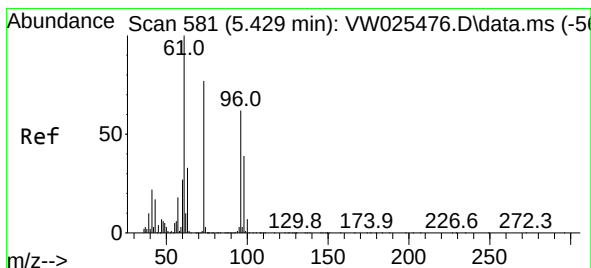
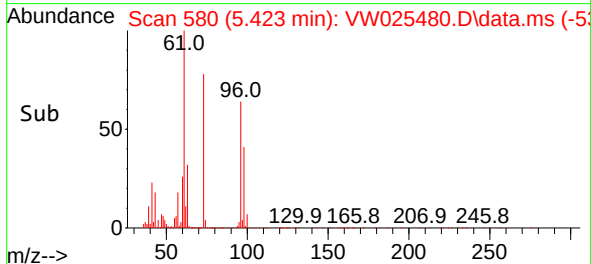
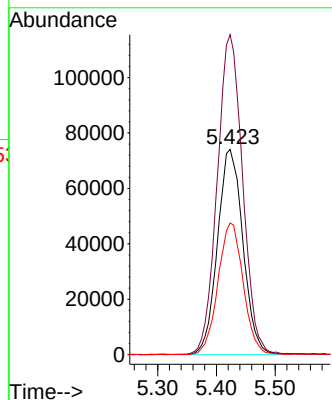
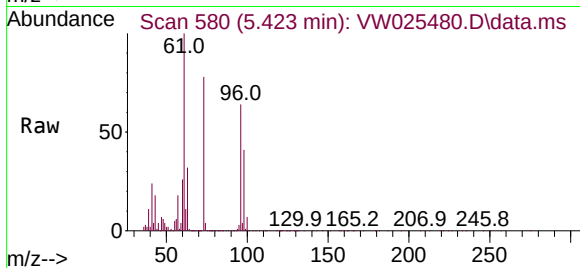
Tgt Ion: 96 Resp: 222975

Ion Ratio Lower Upper

96 100

61 155.8 103.0 191.4

98 64.1 43.4 80.6



#18

Methyl tert-butyl Ether

Concen: 23.108 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW025480.D

Acq: 22 Mar 2023 14:53

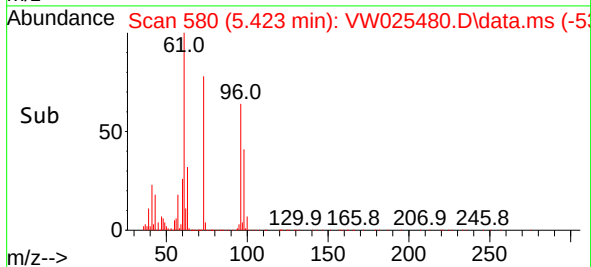
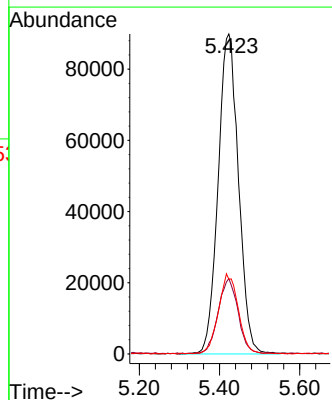
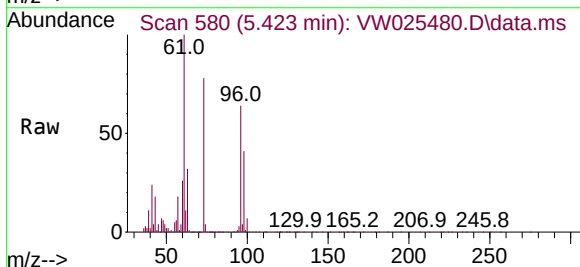
Tgt Ion: 73 Resp: 317082

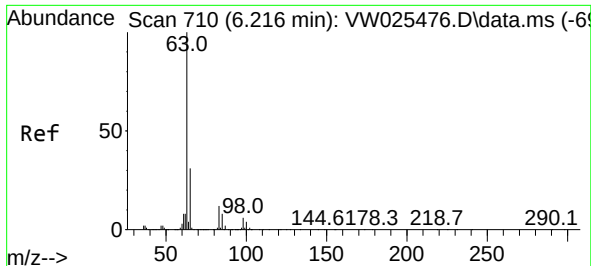
Ion Ratio Lower Upper

73 100

43 22.7 17.6 26.4

57 24.0 18.6 28.0





#19

1,1-Dichloroethane

Concen: 25.183 ug/L

RT: 6.210 min Scan# 709

Delta R.T. -0.006 min

Lab File: VW025480.D

Acq: 22 Mar 2023 14:53

Instrument :

MSVOA_W

ClientSampleId :

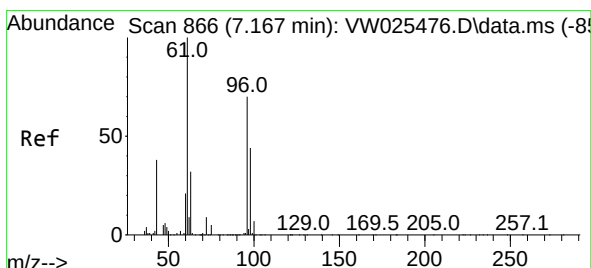
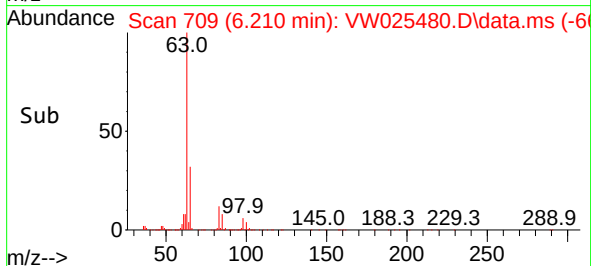
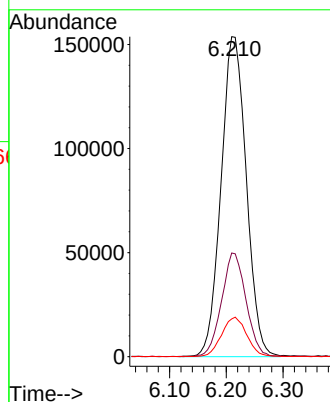
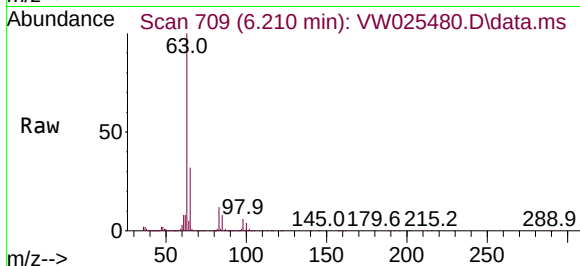
Tgt Ion: 63 Resp: 475308

Ion Ratio Lower Upper

63 100

65 32.4 21.7 40.3

83 11.8 8.4 15.6



#20

cis-1,2-Dichloroethene

Concen: 24.626 ug/L

RT: 7.161 min Scan# 865

Delta R.T. -0.006 min

Lab File: VW025480.D

Acq: 22 Mar 2023 14:53

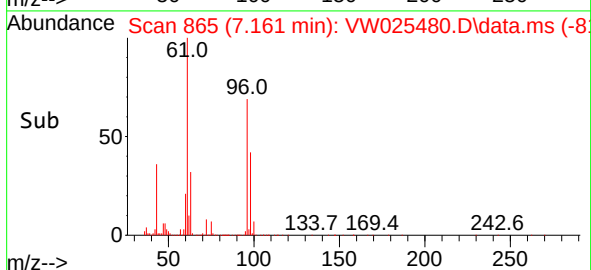
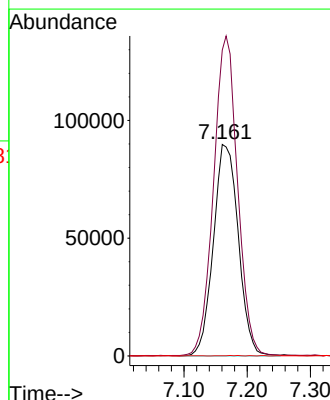
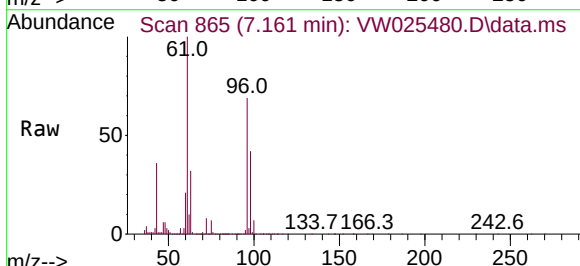
Tgt Ion: 96 Resp: 245748

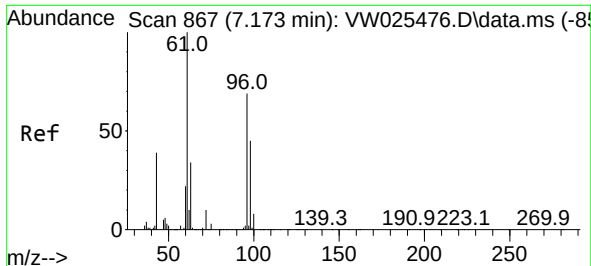
Ion Ratio Lower Upper

96 100

61 144.6 95.5 177.4

68 0.1 0.1 0.1

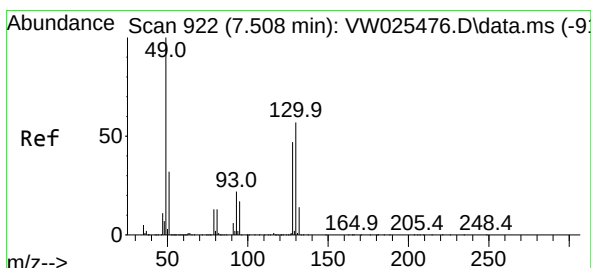
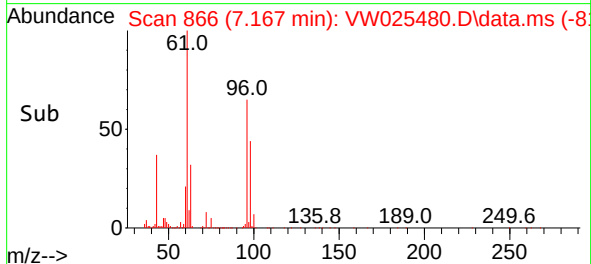
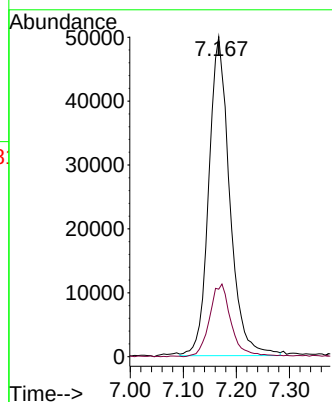
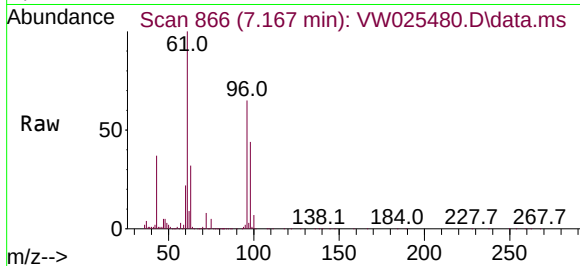




#22
2-Butanone
Concen: 38.734 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW025480.D
Acq: 22 Mar 2023 14:53

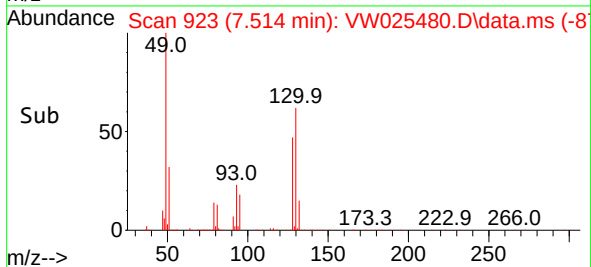
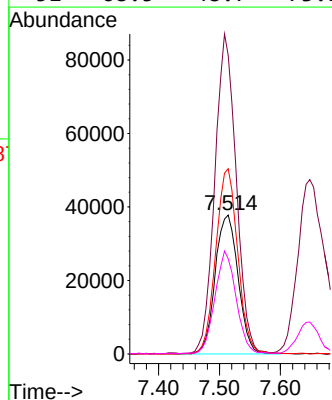
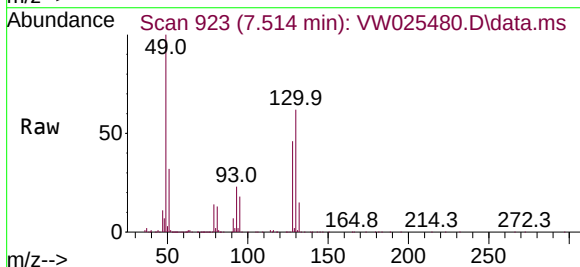
Instrument :
MSVOA_W
ClientSampleId :

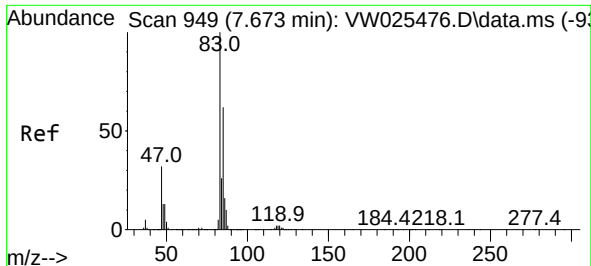
Tgt Ion: 43 Resp: 137063
Ion Ratio Lower Upper
43 100
72 23.1 12.0 36.1



#23
Bromochloromethane
Concen: 23.084 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.006 min
Lab File: VW025480.D
Acq: 22 Mar 2023 14:53

Tgt Ion:128 Resp: 99060
Ion Ratio Lower Upper
128 100
49 215.2 140.6 261.0
130 133.4 80.8 150.0
51 68.5 48.7 73.1

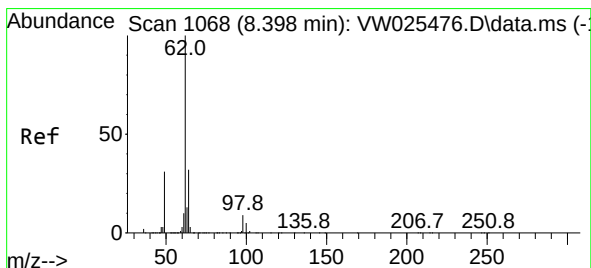
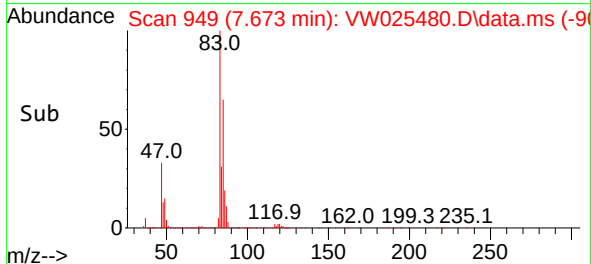
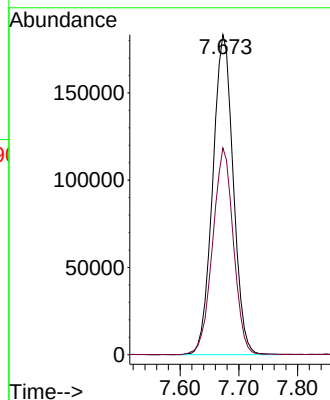
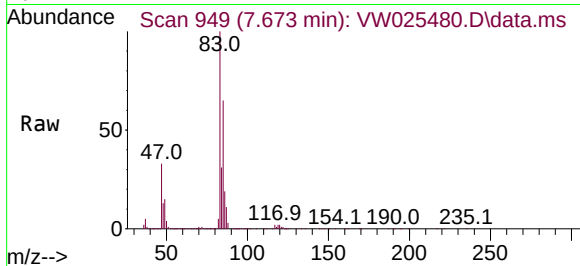




#25
Chloroform
Concen: 25.063 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW025480.D
Acq: 22 Mar 2023 14:53

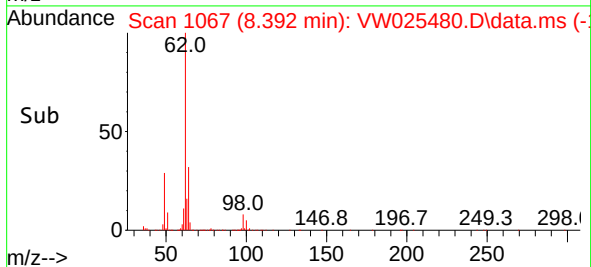
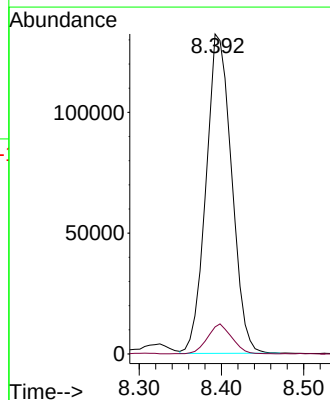
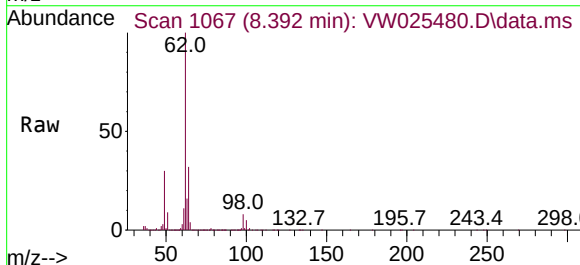
Instrument :
MSVOA_W
ClientSampleId :

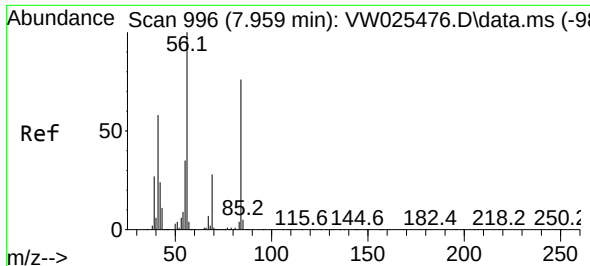
Tgt Ion: 83 Resp: 444686
Ion Ratio Lower Upper
83 100
85 64.6 44.7 82.9



#27
1,2-Dichloroethane
Concen: 24.131 ug/L
RT: 8.392 min Scan# 1067
Delta R.T. -0.006 min
Lab File: VW025480.D
Acq: 22 Mar 2023 14:53

Tgt Ion: 62 Resp: 285736
Ion Ratio Lower Upper
62 100
98 8.4 7.2 10.8

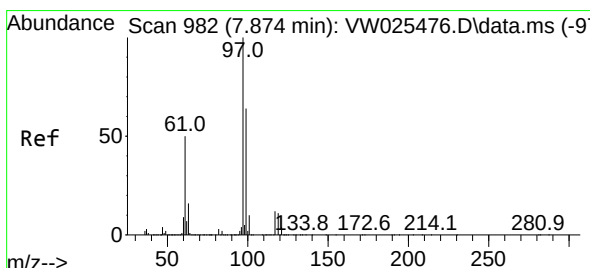
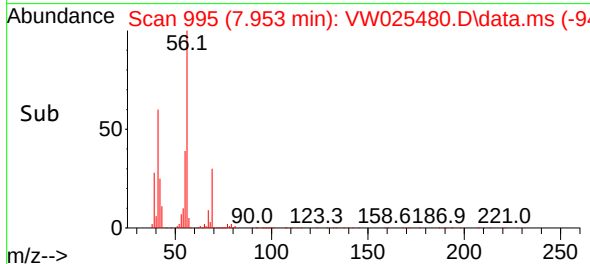
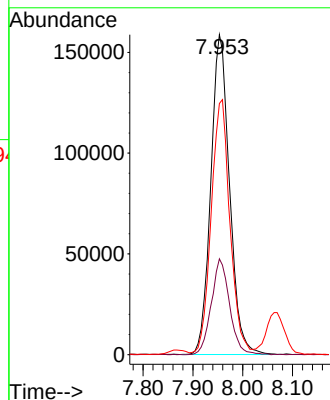
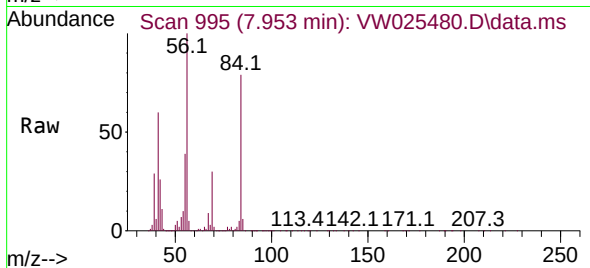




#29
Cyclohexane
Concen: 23.392 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW025480.D
Acq: 22 Mar 2023 14:53

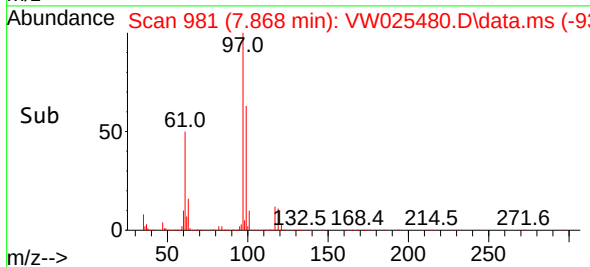
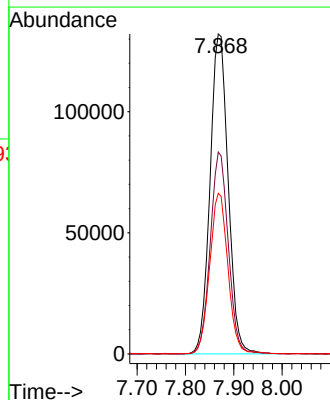
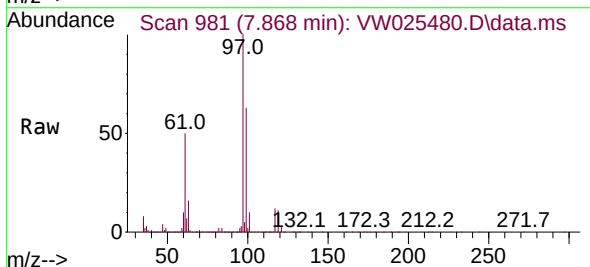
Instrument :
MSVOA_W
ClientSampleId :

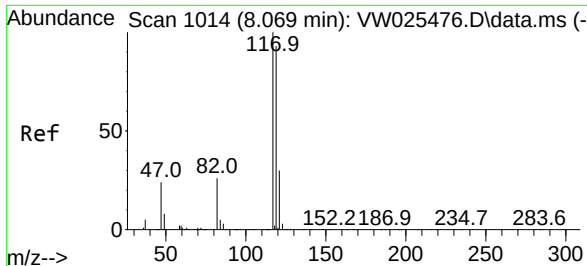
Tgt Ion: 56 Resp: 414317
Ion Ratio Lower Upper
56 100
69 29.2 23.1 34.7
84 79.9 63.9 95.9



#30
1,1,1-Trichloroethane
Concen: 23.029 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW025480.D
Acq: 22 Mar 2023 14:53

Tgt Ion: 97 Resp: 343520
Ion Ratio Lower Upper
97 100
99 62.9 50.9 76.3
61 50.7 39.8 59.6

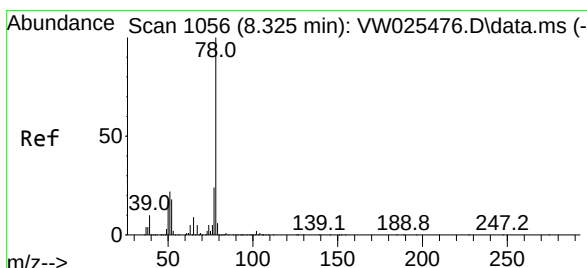
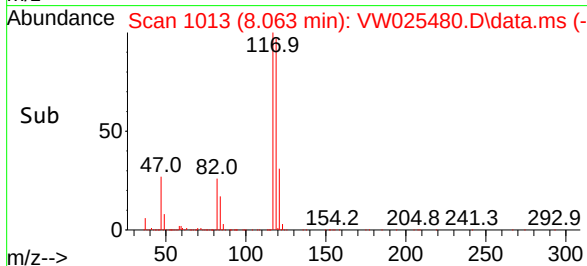
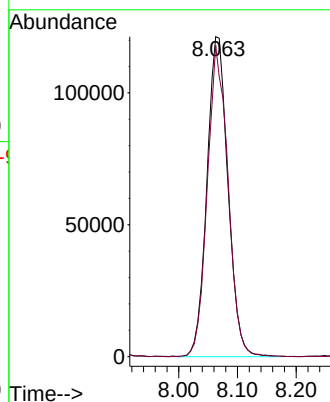
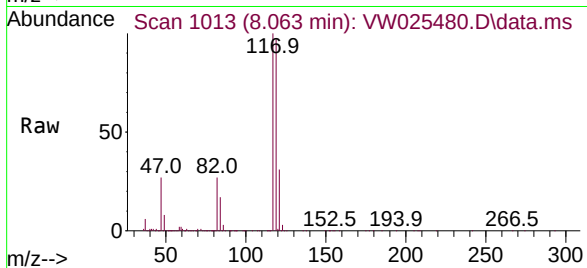




#31
Carbon tetrachloride
Concen: 22.550 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW025480.D
Acq: 22 Mar 2023 14:53

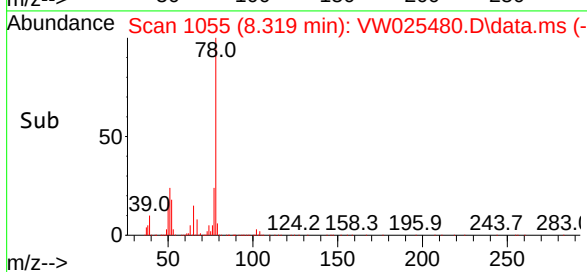
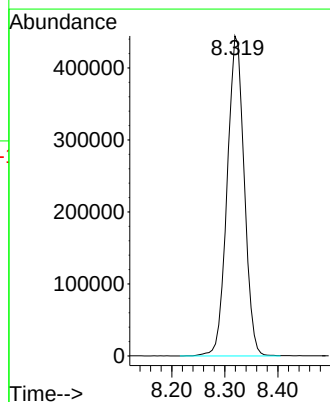
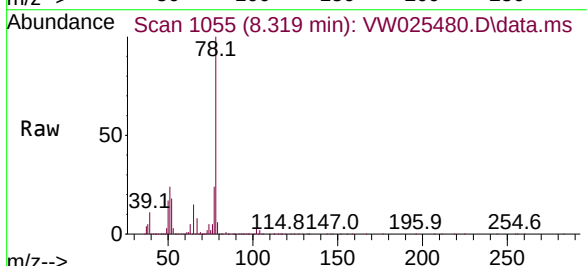
Instrument :
MSVOA_W
ClientSampleId :

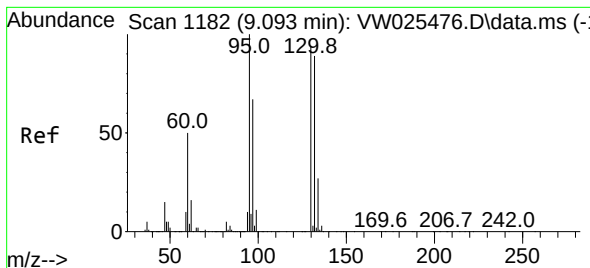
Tgt Ion:117 Resp: 301510
Ion Ratio Lower Upper
117 100
119 95.6 75.8 113.6



#33
Benzene
Concen: 24.758 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW025480.D
Acq: 22 Mar 2023 14:53

Tgt Ion: 78 Resp: 993255





#34

Trichloroethene

Concen: 23.147 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW025480.D

Acq: 22 Mar 2023 14:53

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 243732

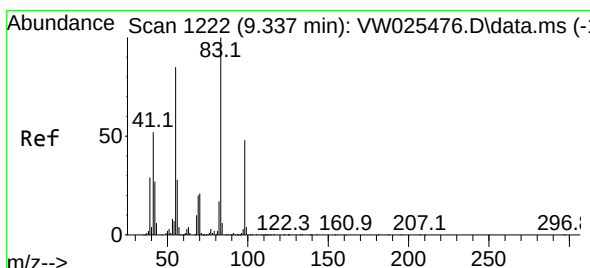
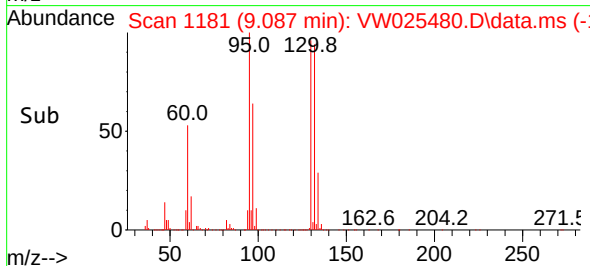
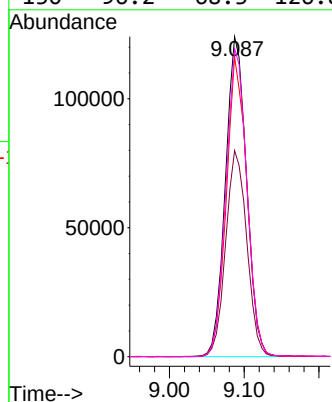
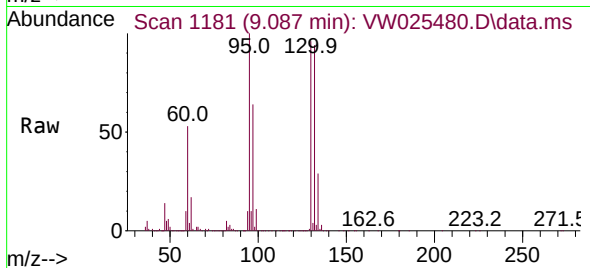
Ion Ratio Lower Upper

95 100

97 64.4 43.8 81.4

132 93.7 65.9 122.3

130 96.2 68.3 126.8



#35

Methylcyclohexane

Concen: 22.952 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW025480.D

Acq: 22 Mar 2023 14:53

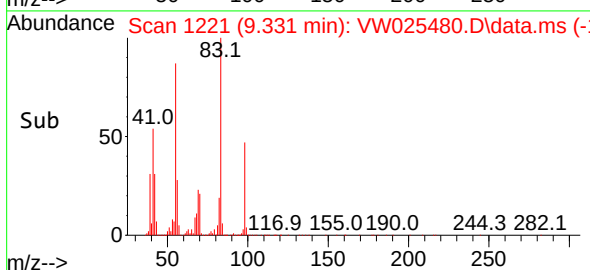
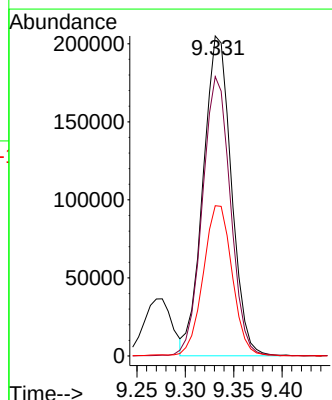
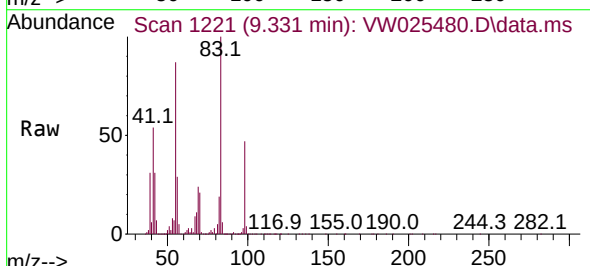
Tgt Ion: 83 Resp: 416310

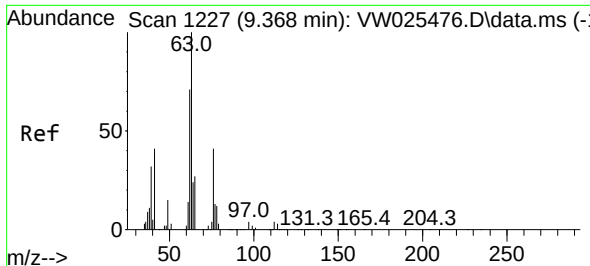
Ion Ratio Lower Upper

83 100

55 86.7 68.2 102.4

98 48.2 39.0 58.4

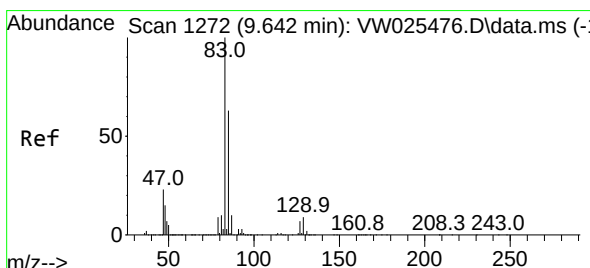
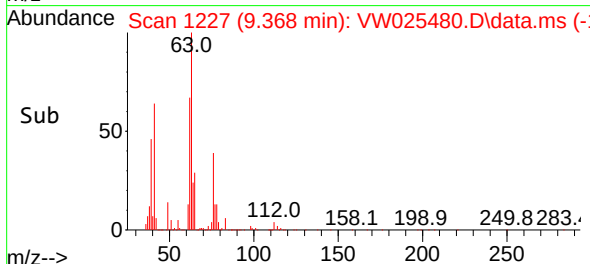
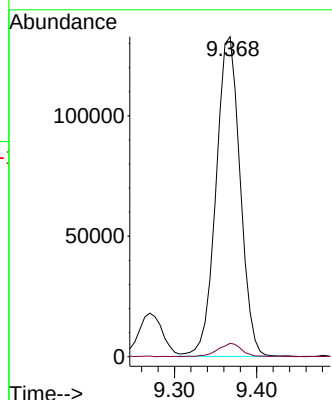
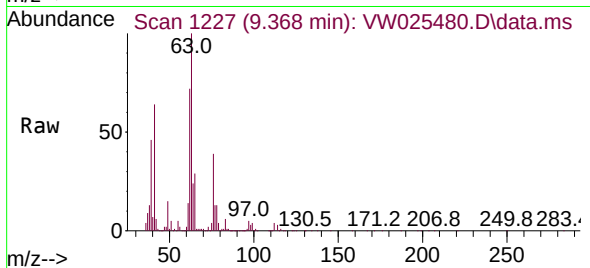




#37
1,2-Dichloropropane
Concen: 24.483 ug/L
RT: 9.368 min Scan# 112
Delta R.T. -0.000 min
Lab File: VW025480.D
Acq: 22 Mar 2023 14:53

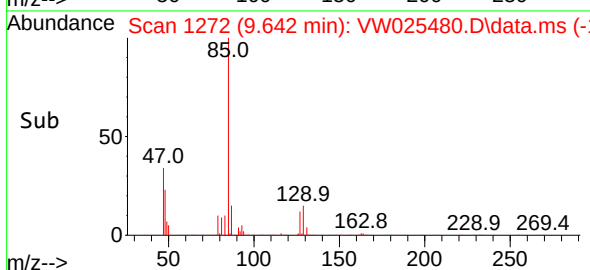
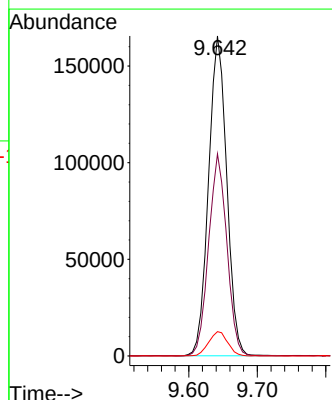
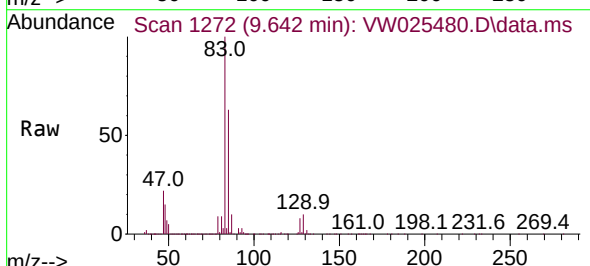
Instrument :
MSVOA_W
ClientSampleId :

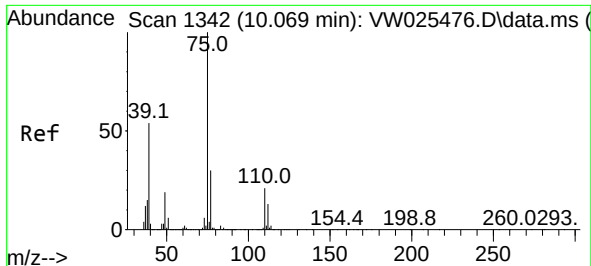
Tgt Ion: 63 Resp: 270365
Ion Ratio Lower Upper
63 100
112 4.0 3.2 4.8



#38
Bromodichloromethane
Concen: 23.743 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW025480.D
Acq: 22 Mar 2023 14:53

Tgt Ion: 83 Resp: 305778
Ion Ratio Lower Upper
83 100
85 63.1 44.7 83.1
127 7.6 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 24.237 ug/L

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025480.D

Acq: 22 Mar 2023 14:53

Instrument :

MSVOA_W

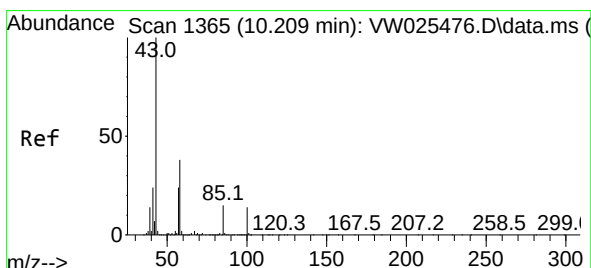
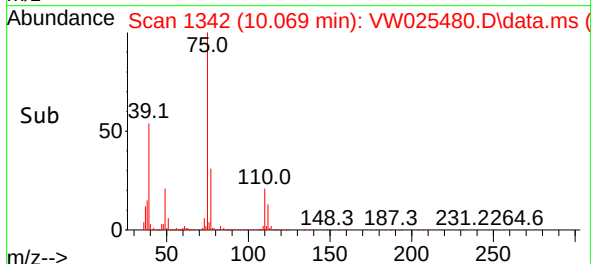
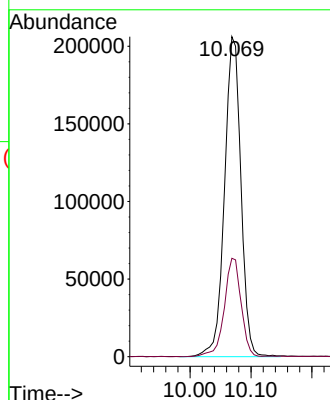
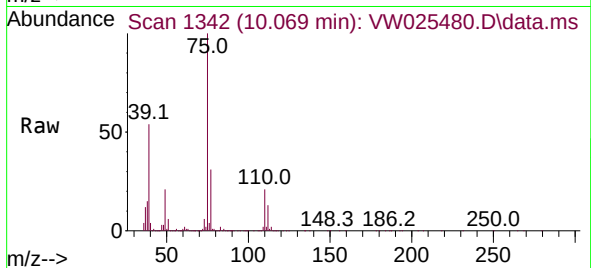
ClientSampleId :

Tgt Ion: 75 Resp: 385586

Ion Ratio Lower Upper

75 100

77 30.7 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 42.821 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW025480.D

Acq: 22 Mar 2023 14:53

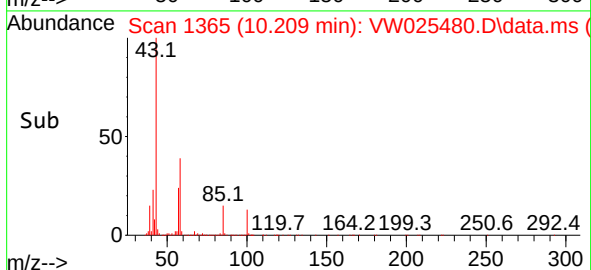
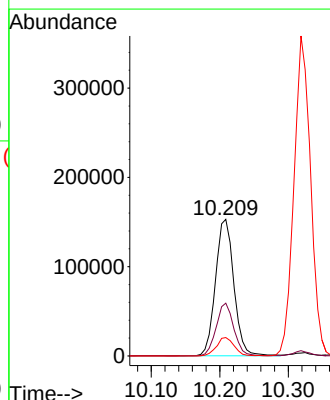
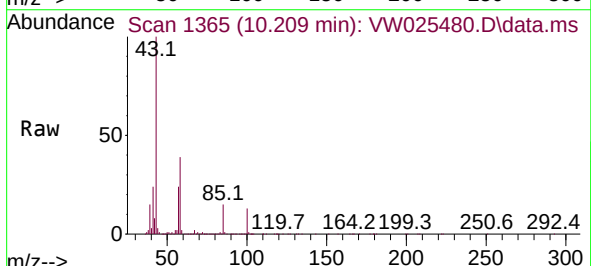
Tgt Ion: 43 Resp: 284212

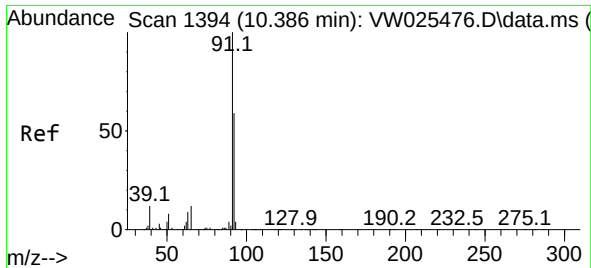
Ion Ratio Lower Upper

43 100

58 37.0 29.6 44.4

100 13.0 10.6 16.0

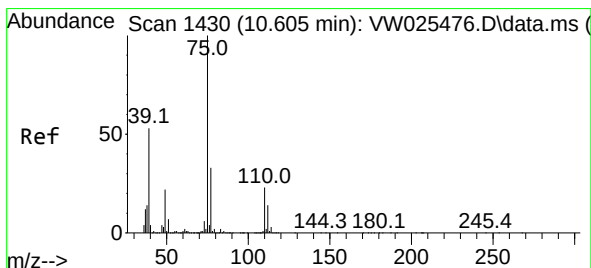
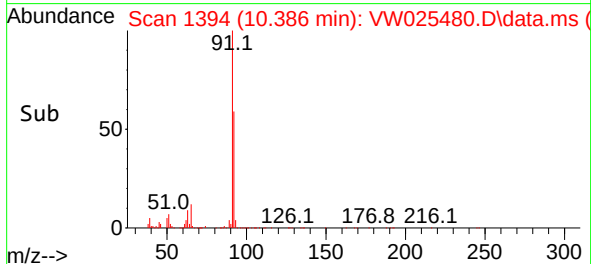
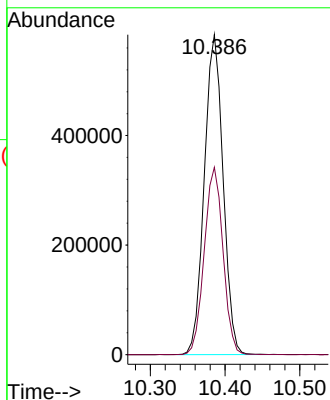
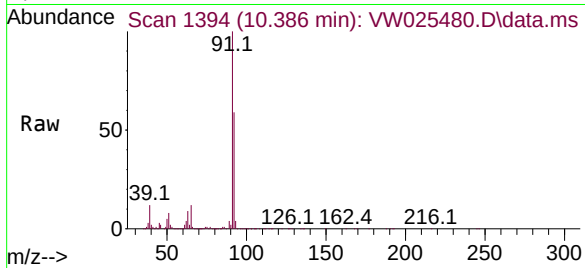




#42
Toluene
Concen: 24.658 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW025480.D
Acq: 22 Mar 2023 14:53

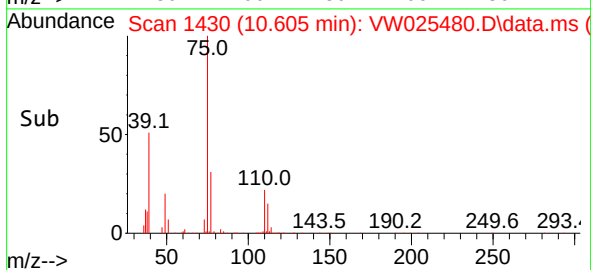
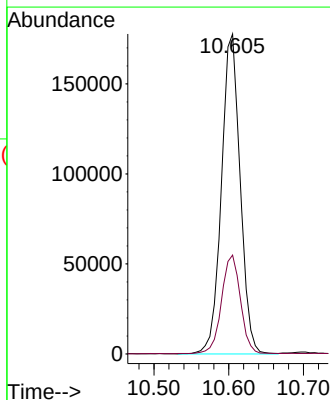
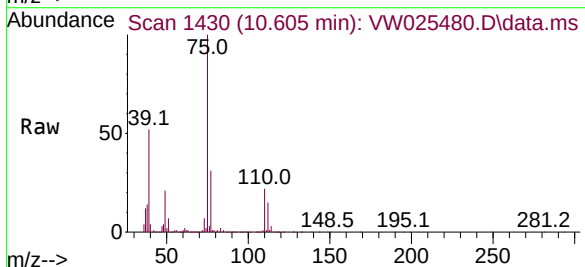
Instrument :
MSVOA_W
ClientSampleId :

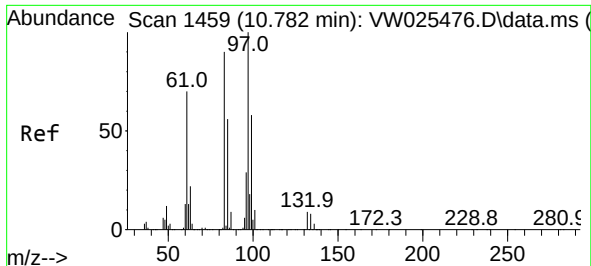
Tgt Ion: 91 Resp: 1021400
Ion Ratio Lower Upper
91 100
92 58.6 41.6 77.3



#44
trans-1,3-Dichloropropene
Concen: 23.264 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW025480.D
Acq: 22 Mar 2023 14:53

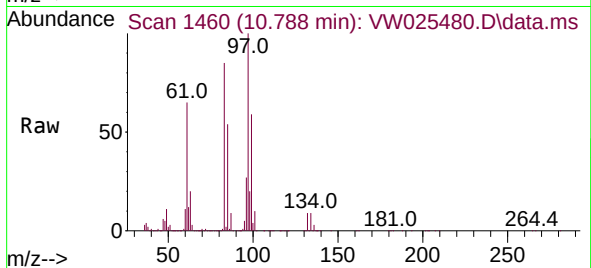
Tgt Ion: 75 Resp: 309940
Ion Ratio Lower Upper
75 100
77 30.9 22.3 41.3



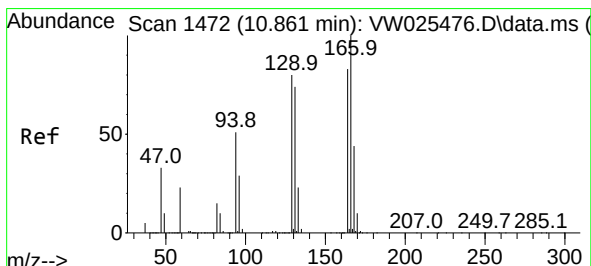
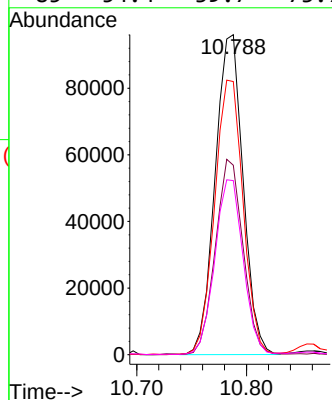
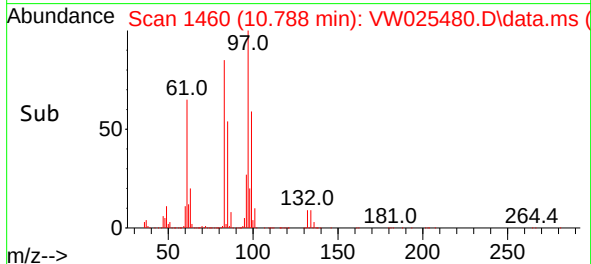


#45
1,1,2-Trichloroethane
Concen: 22.976 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW025480.D
Acq: 22 Mar 2023 14:53

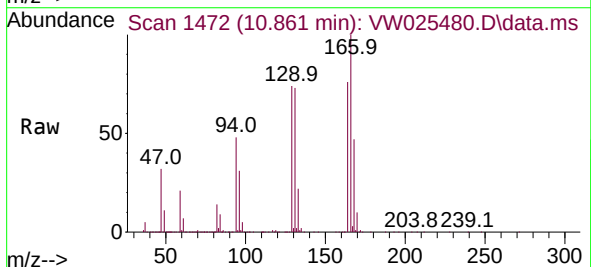
Instrument :
MSVOA_W
ClientSampleId :



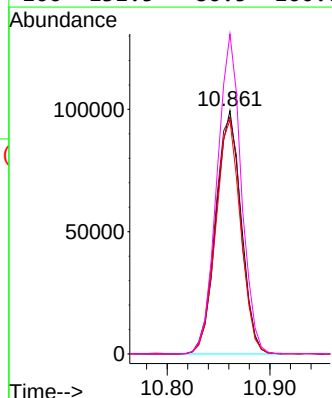
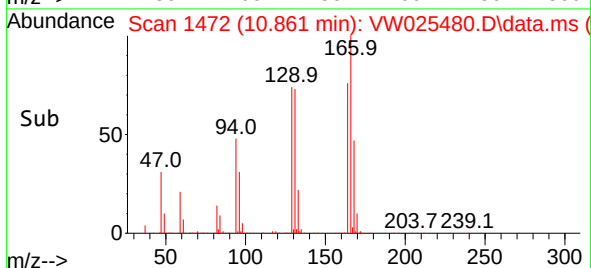
Tgt Ion: 97 Resp: 170389
Ion Ratio Lower Upper
97 100
99 59.2 42.6 79.0
83 85.4 60.5 112.3
85 54.4 39.7 73.7

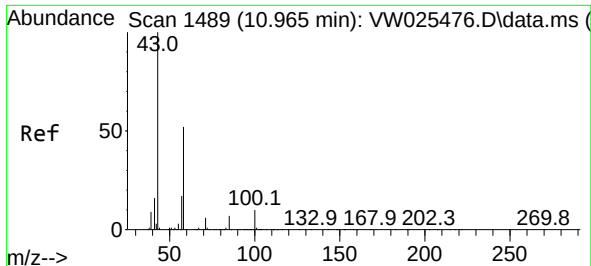


#46
Tetrachloroethene
Concen: 22.403 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025480.D
Acq: 22 Mar 2023 14:53



Tgt Ion: 164 Resp: 167843
Ion Ratio Lower Upper
164 100
129 97.2 67.7 125.7
131 96.2 67.0 124.4
166 131.5 86.5 160.7

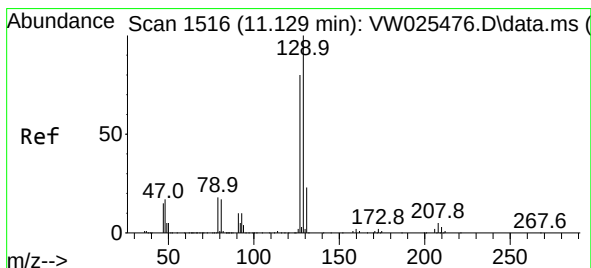
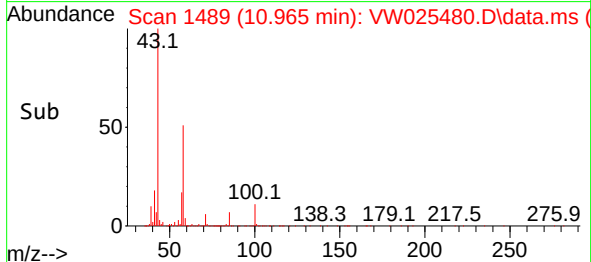
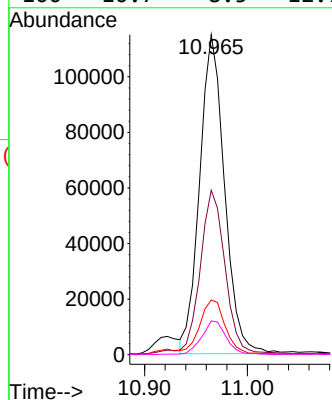
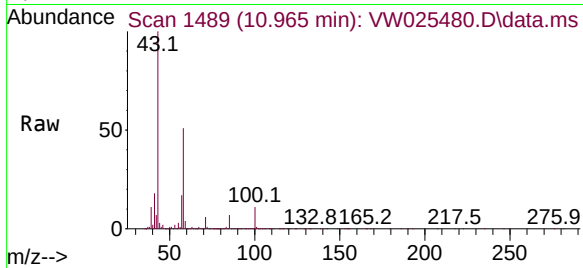




#48
2-Hexanone
Concen: 40.485 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW025480.D
Acq: 22 Mar 2023 14:53

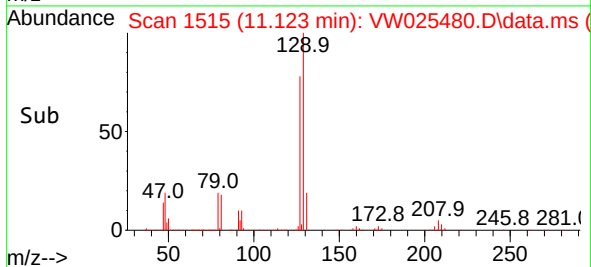
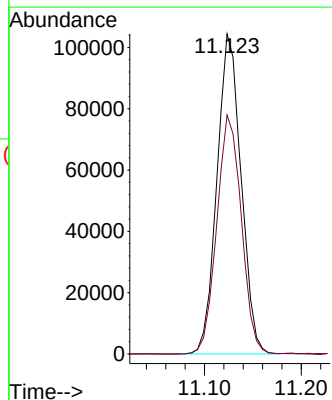
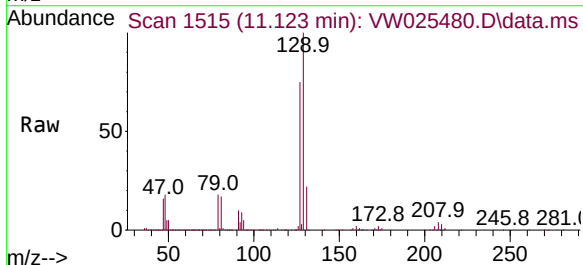
Instrument :
MSVOA_W
ClientSampleId :

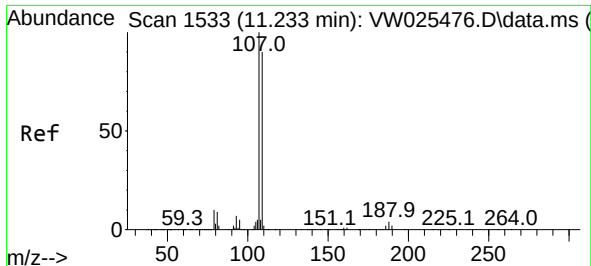
Tgt Ion: 43 Resp: 193325
Ion Ratio Lower Upper
43 100
58 51.4 41.2 61.8
57 17.9 14.2 21.4
100 10.7 8.5 12.7



#49
Dibromochloromethane
Concen: 22.821 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW025480.D
Acq: 22 Mar 2023 14:53

Tgt Ion: 129 Resp: 180835
Ion Ratio Lower Upper
129 100
127 74.6 52.8 98.2





#50

1,2-Dibromoethane

Concen: 21.774 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025480.D

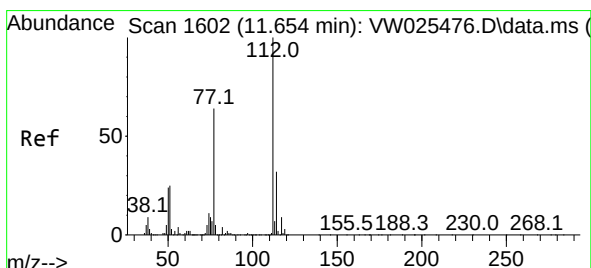
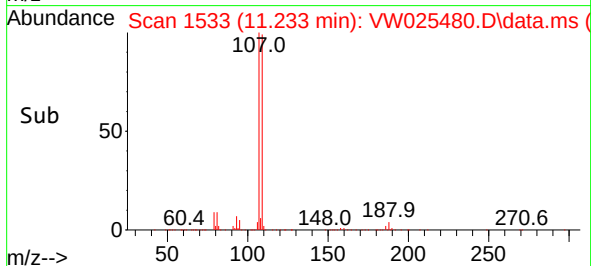
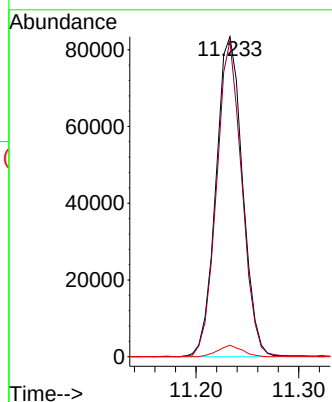
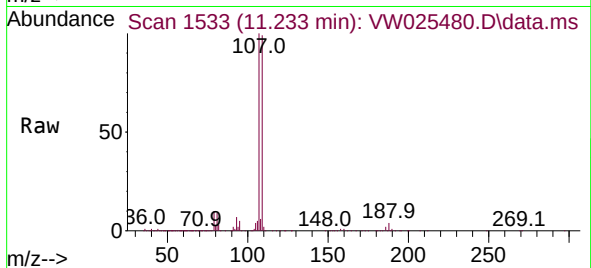
Acq: 22 Mar 2023 14:53

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	149469
Ion Ratio	Lower	Upper	
107	100		
109	98.7	62.9	116.9
188	3.6	3.0	4.4



#51

Chlorobenzene

Concen: 23.217 ug/L

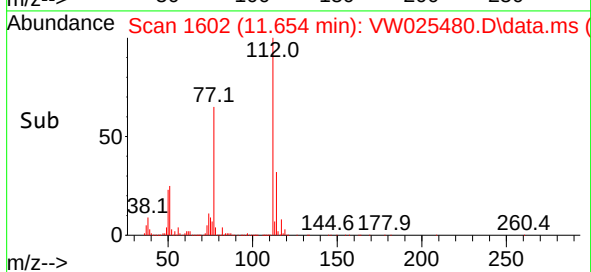
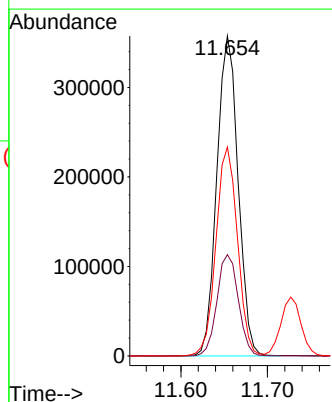
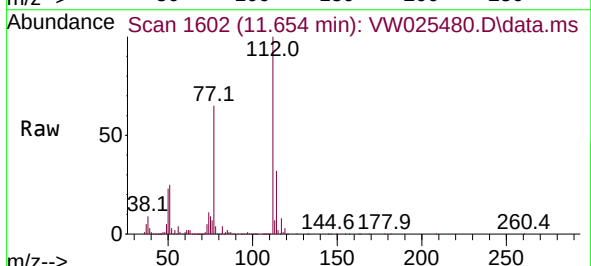
RT: 11.654 min Scan# 1602

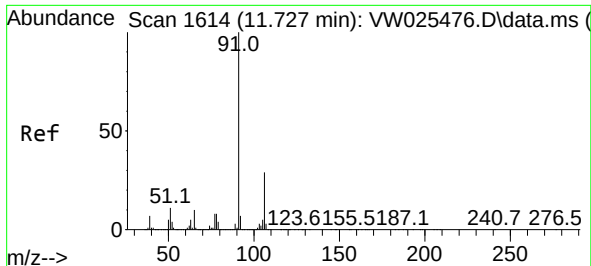
Delta R.T. 0.000 min

Lab File: VW025480.D

Acq: 22 Mar 2023 14:53

Tgt Ion:	112	Resp:	610361
Ion Ratio	Lower	Upper	
112	100		
114	31.7	21.9	40.7
77	65.3	51.8	77.8

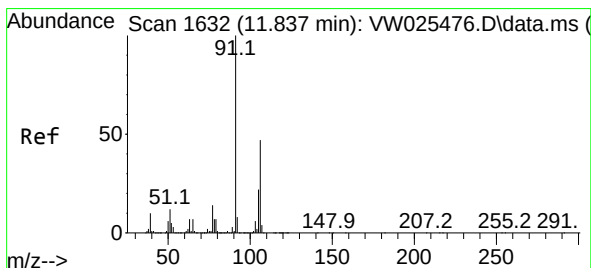
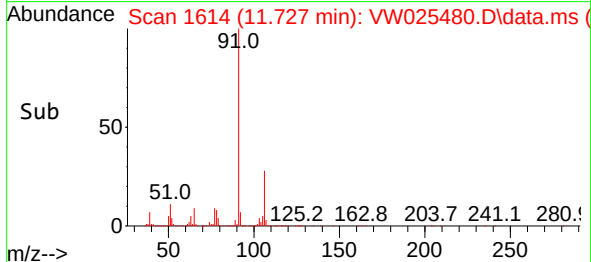
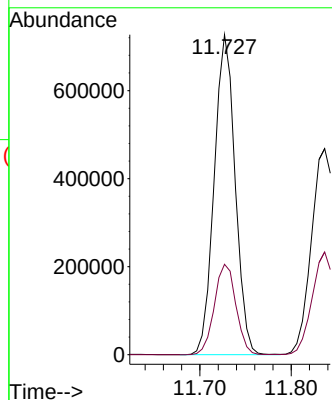
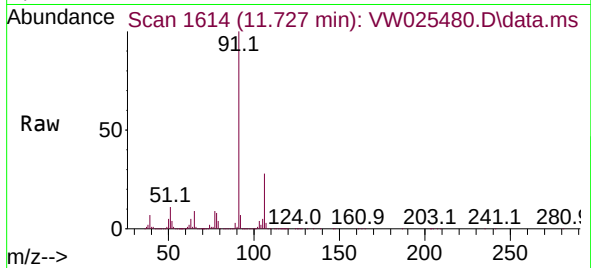




#52
Ethylbenzene
Concen: 24.450 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW025480.D
Acq: 22 Mar 2023 14:53

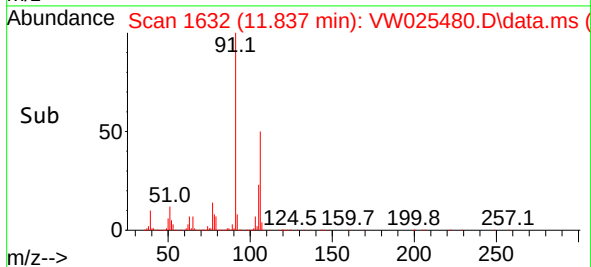
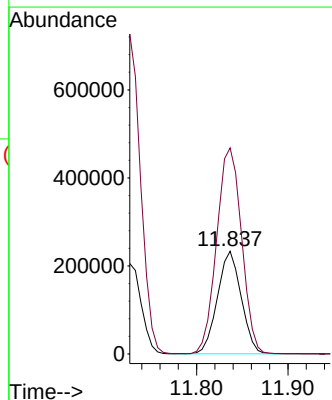
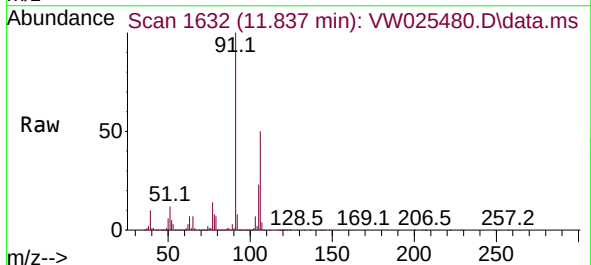
Instrument :
MSVOA_W
ClientSampleId :

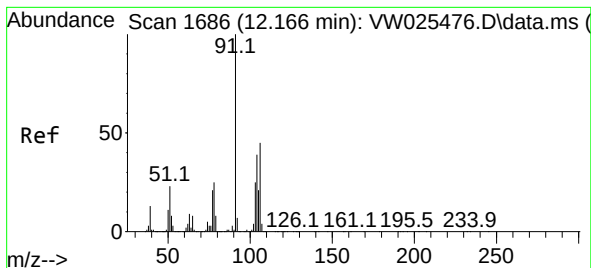
Tgt Ion: 91 Resp: 1155075
Ion Ratio Lower Upper
91 100
106 28.3 22.0 41.0



#53
m,p-Xylene
Concen: 24.168 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW025480.D
Acq: 22 Mar 2023 14:53

Tgt Ion:106 Resp: 421117
Ion Ratio Lower Upper
106 100
91 200.6 144.2 267.8

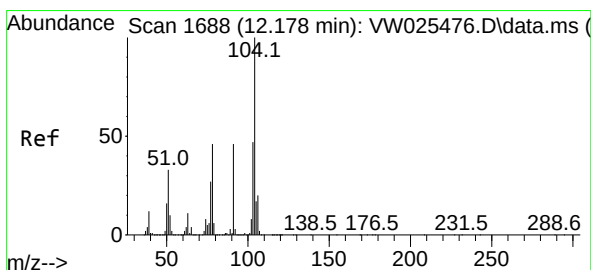
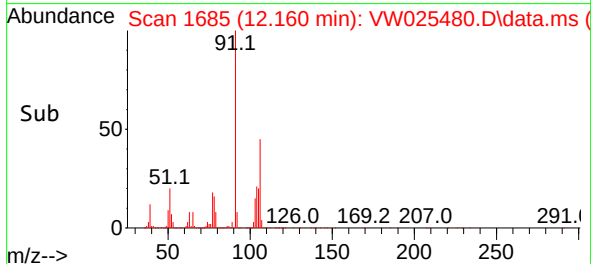
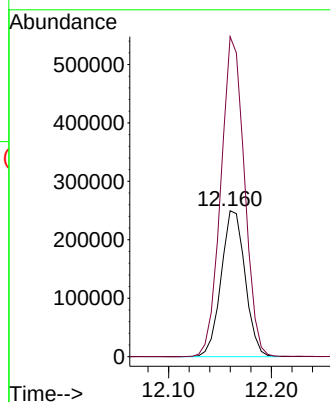
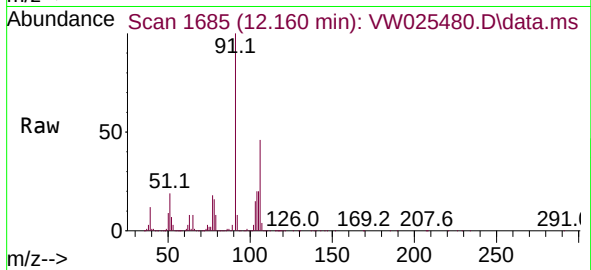




#54
o-Xylene
Concen: 24.634 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW025480.D
Acq: 22 Mar 2023 14:53

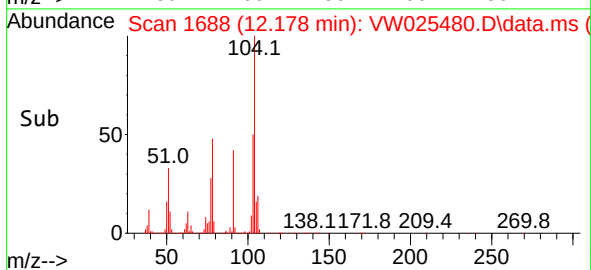
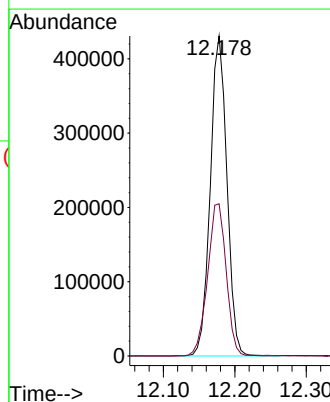
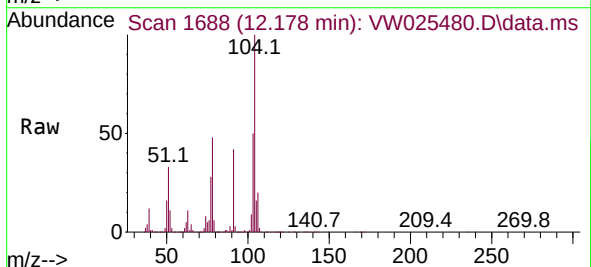
Instrument :
MSVOA_W
ClientSampleId :

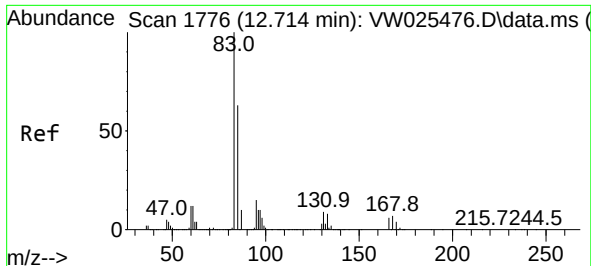
Tgt Ion:106 Resp: 403909
Ion Ratio Lower Upper
106 100
91 219.3 154.6 287.2



#55
Styrene
Concen: 24.838 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025480.D
Acq: 22 Mar 2023 14:53

Tgt Ion:104 Resp: 695458
Ion Ratio Lower Upper
104 100
78 47.6 31.1 57.9





#57

1,1,2,2-Tetrachloroethane

Concen: 21.469 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW025480.D

Acq: 22 Mar 2023 14:53

Instrument :

MSVOA_W

ClientSampleId :

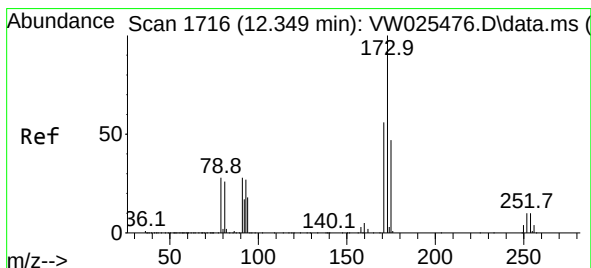
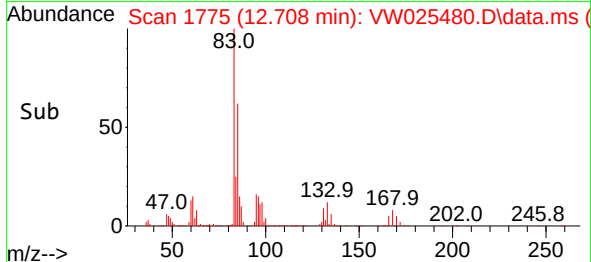
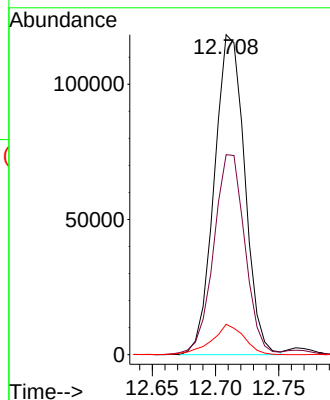
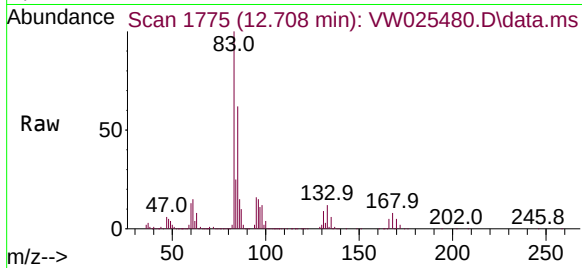
Tgt Ion: 83 Resp: 198050

Ion Ratio Lower Upper

83 100

85 62.5 45.4 84.2

131 9.5 8.0 12.0



#59

Bromoform

Concen: 21.045 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW025480.D

Acq: 22 Mar 2023 14:53

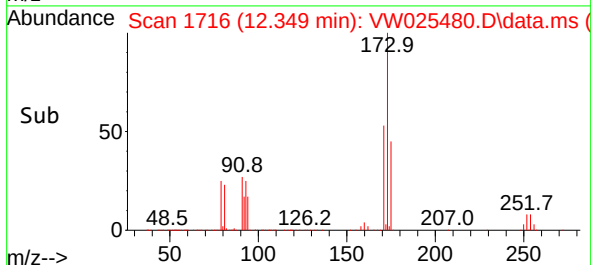
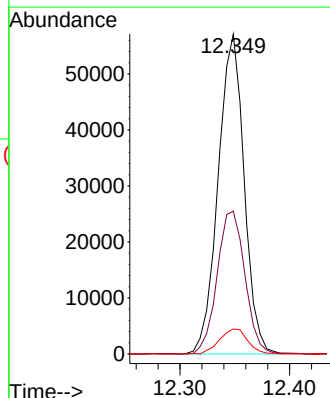
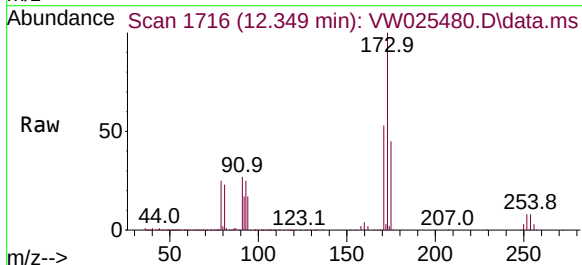
Tgt Ion:173 Resp: 93999

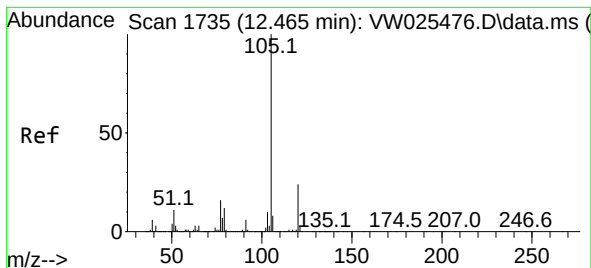
Ion Ratio Lower Upper

173 100

175 47.7 38.6 57.8

254 8.4 7.9 11.9





#60

Isopropylbenzene

Concen: 24.273 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW025480.D

Acq: 22 Mar 2023 14:53

Instrument :

MSVOA_W

ClientSampleId :

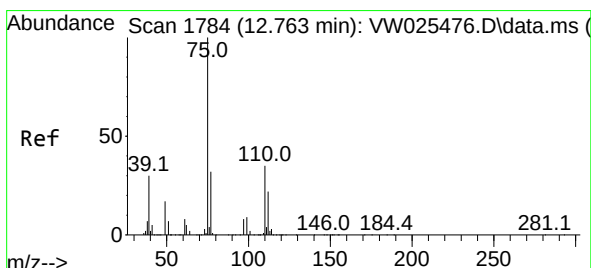
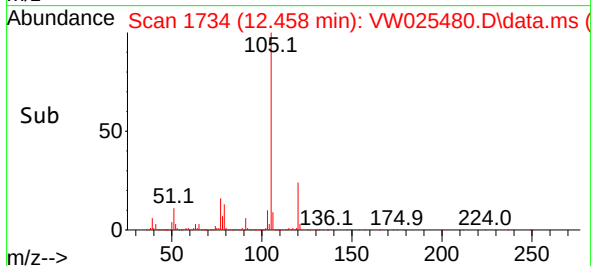
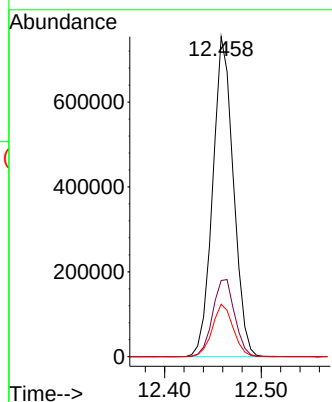
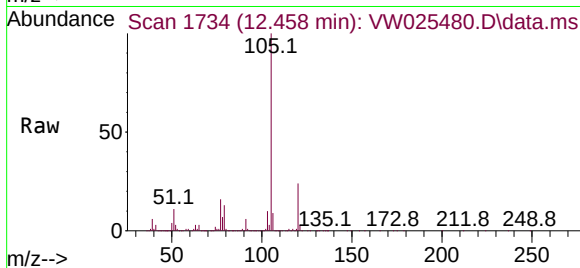
Tgt Ion:105 Resp: 1120210

Ion Ratio Lower Upper

105 100

120 25.8 20.9 31.3

77 16.5 13.1 19.7



#61

1,2,3-Trichloropropane

Concen: 20.722 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW025480.D

Acq: 22 Mar 2023 14:53

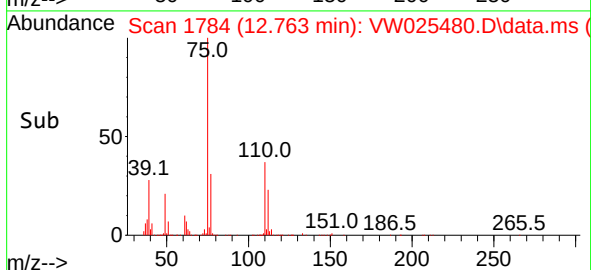
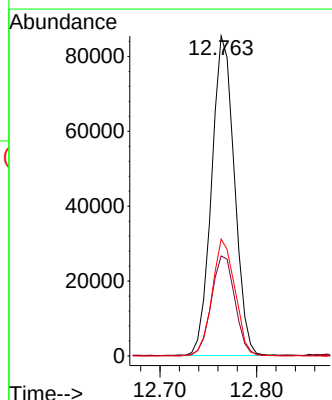
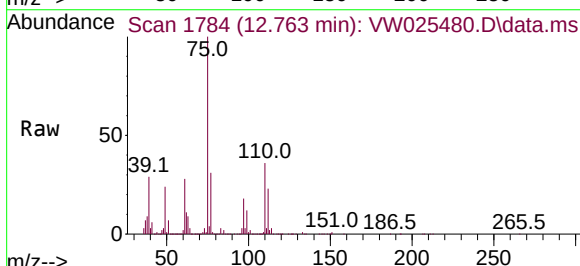
Tgt Ion: 75 Resp: 139770

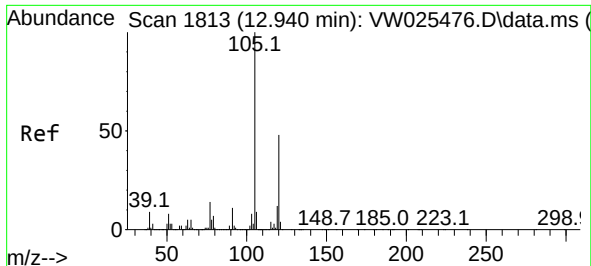
Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.2

110 36.7 28.9 43.3





#62

1,3,5-Trimethylbenzene

Concen: 24.960 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW025480.D

Acq: 22 Mar 2023 14:53

Instrument :

MSVOA_W

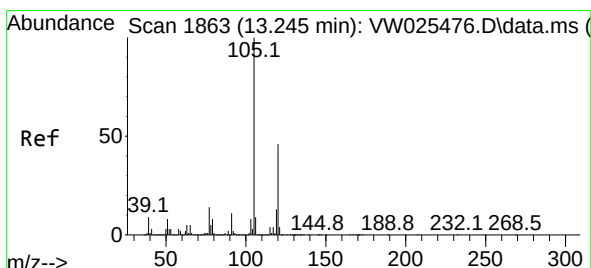
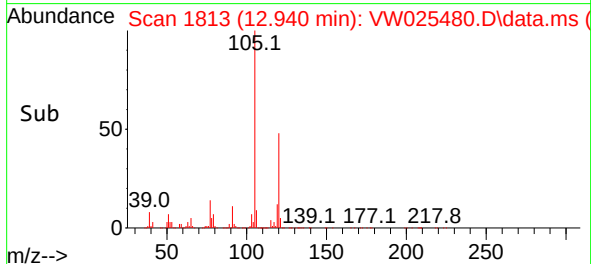
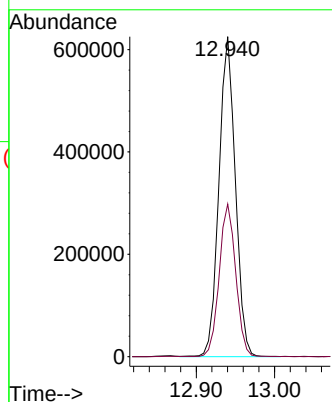
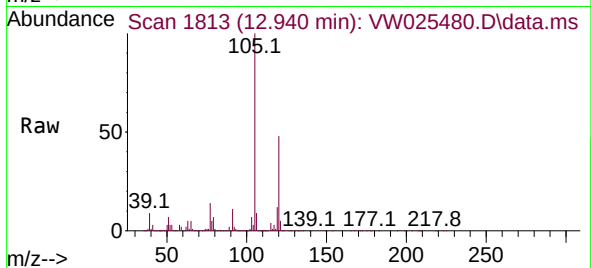
ClientSampleId :

Tgt Ion:105 Resp: 912331

Ion Ratio Lower Upper

105 100

120 47.9 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 25.128 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW025480.D

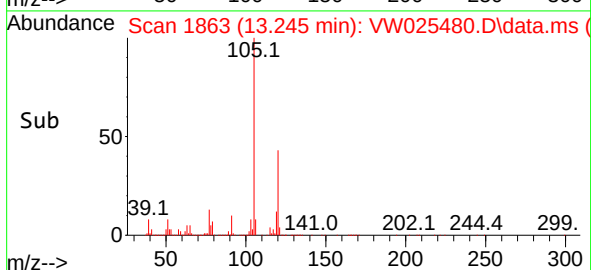
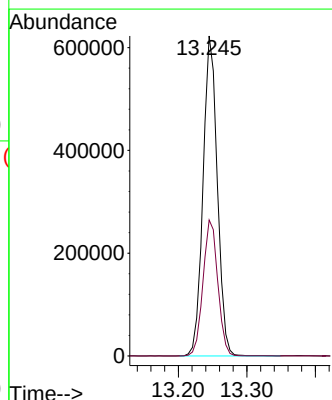
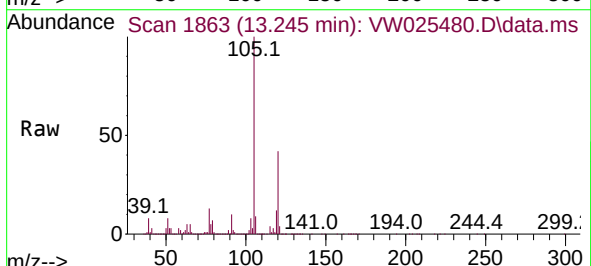
Acq: 22 Mar 2023 14:53

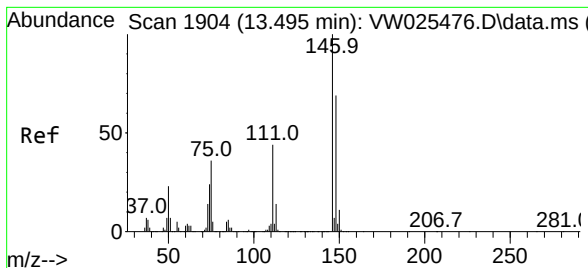
Tgt Ion:105 Resp: 904787

Ion Ratio Lower Upper

105 100

120 43.9 36.0 54.0





#64

1,3-Dichlorobenzene

Concen: 23.773 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW025480.D

Acq: 22 Mar 2023 14:53

Instrument :

MSVOA_W

ClientSampleId :

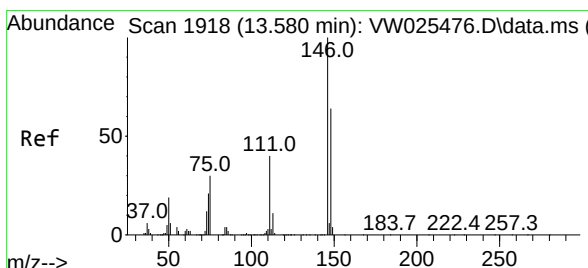
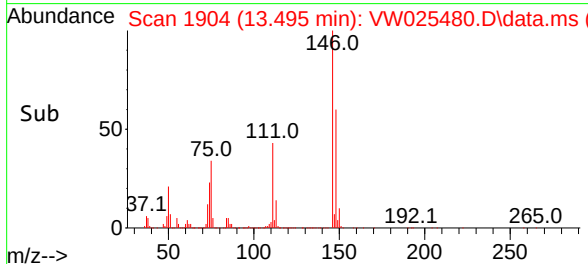
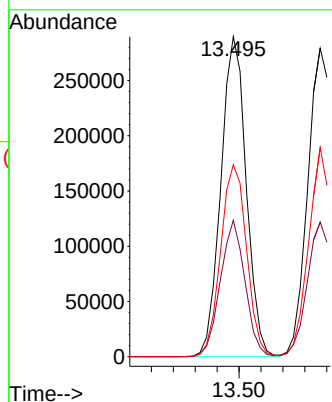
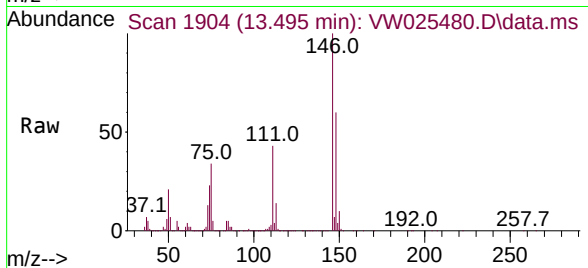
Tgt Ion:146 Resp: 464900

Ion Ratio Lower Upper

146 100

111 42.7 29.7 55.1

148 60.0 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 22.752 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.006 min

Lab File: VW025480.D

Acq: 22 Mar 2023 14:53

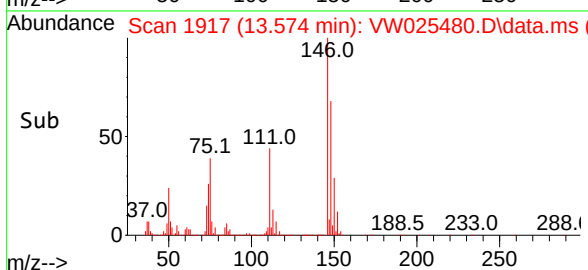
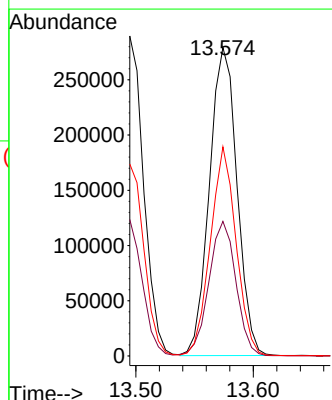
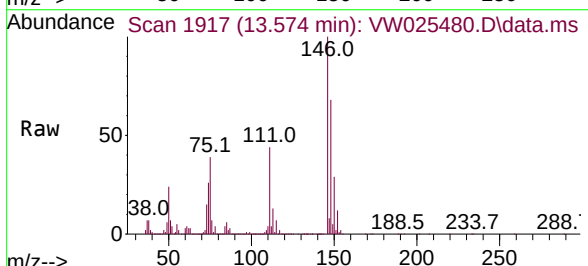
Tgt Ion:146 Resp: 456398

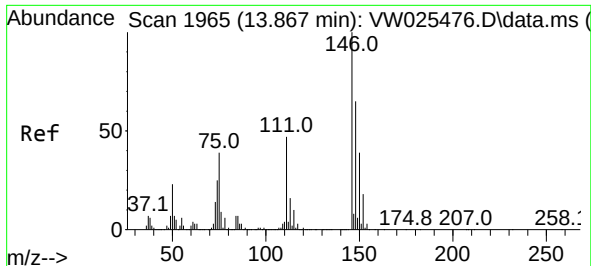
Ion Ratio Lower Upper

146 100

111 43.6 28.2 52.4

148 67.8 39.8 73.8





#67

1,2-Dichlorobenzene

Concen: 23.059 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW025480.D

Acq: 22 Mar 2023 14:53

Instrument :

MSVOA_W

ClientSampleId :

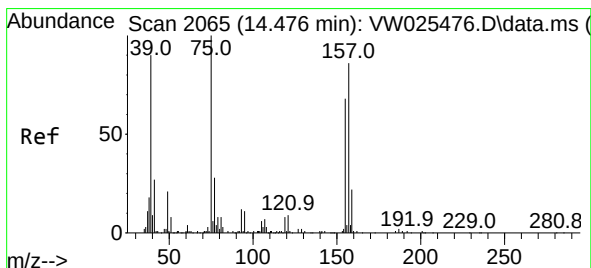
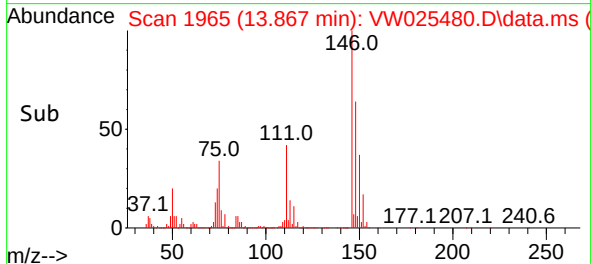
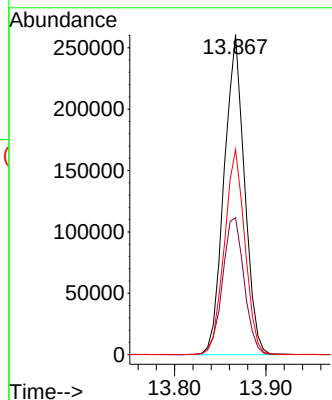
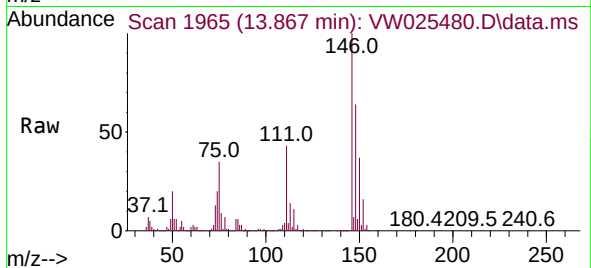
Tgt Ion:146 Resp: 404446

Ion Ratio Lower Upper

146 100

111 42.8 36.6 54.8

148 64.2 53.4 80.2



#68

1,2-Dibromo-3-chloropropane

Concen: 18.551 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW025480.D

Acq: 22 Mar 2023 14:53

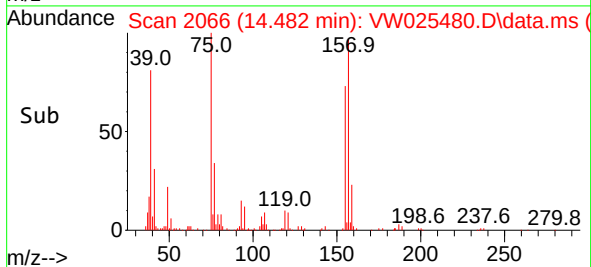
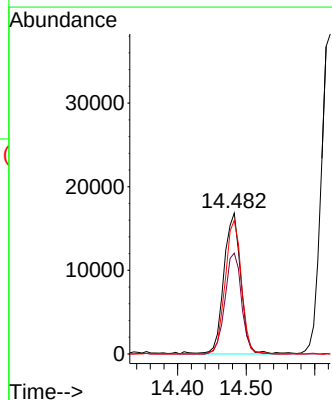
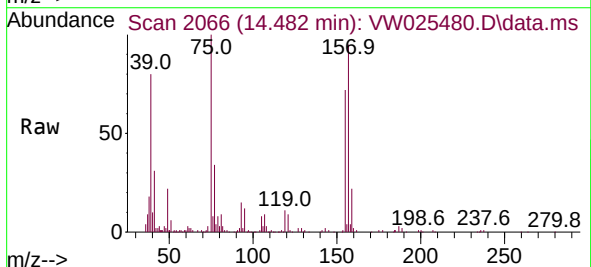
Tgt Ion: 75 Resp: 28968

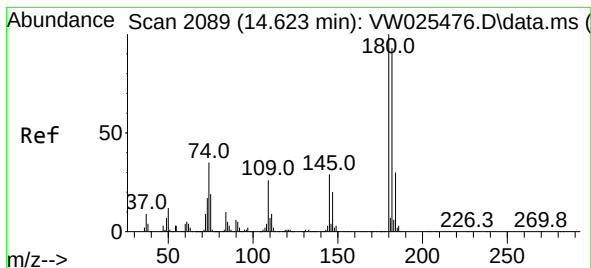
Ion Ratio Lower Upper

75 100

155 71.6 55.4 83.0

157 94.9 75.3 112.9





#69

1,3,5-Trichlorobenzene

Concen: 22.471 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

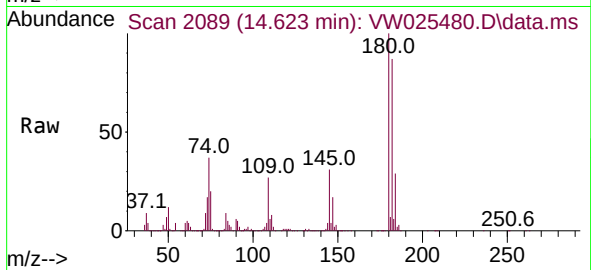
Lab File: VW025480.D

Acq: 22 Mar 2023 14:53

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 298724

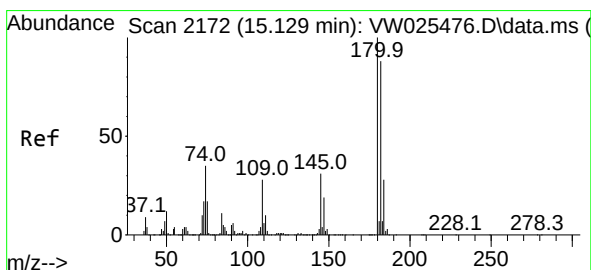
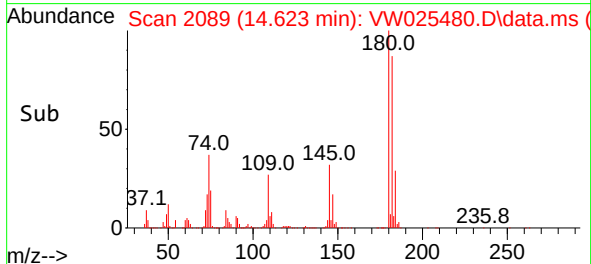
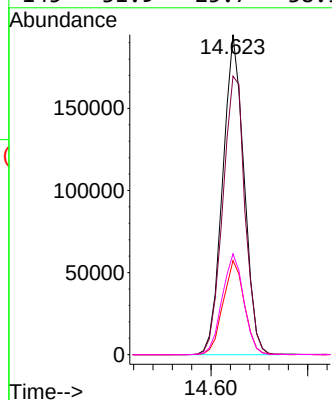
Ion Ratio Lower Upper

180 100

182 90.7 77.1 115.7

184 29.2 24.7 37.1

145 31.9 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 21.762 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW025480.D

Acq: 22 Mar 2023 14:53

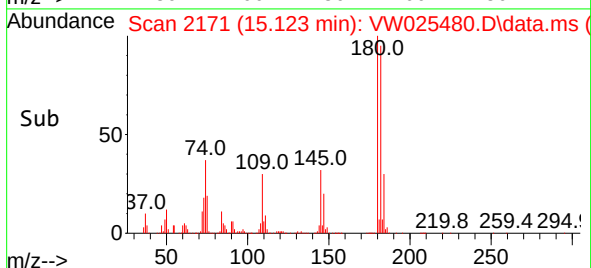
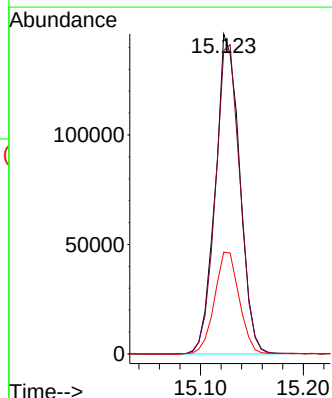
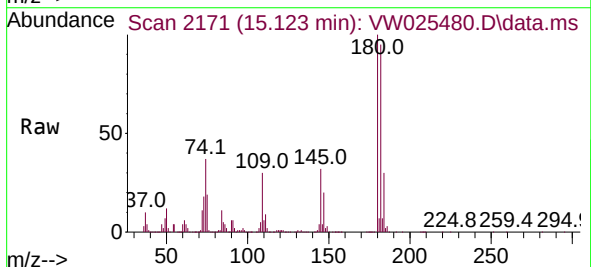
Tgt Ion:180 Resp: 239863

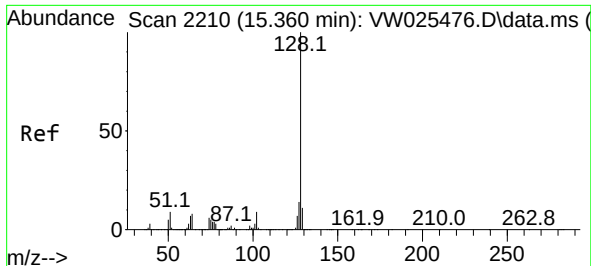
Ion Ratio Lower Upper

180 100

182 98.1 75.5 113.3

145 32.4 25.2 37.8

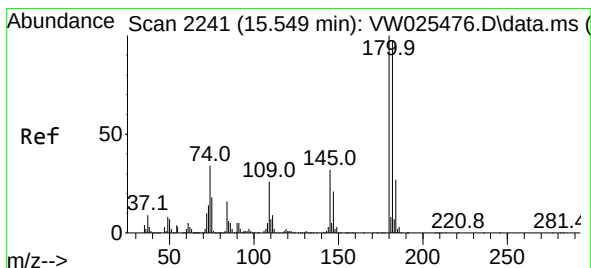
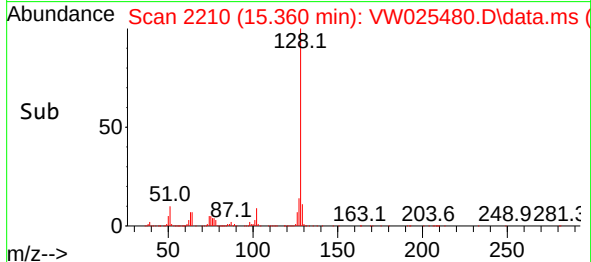
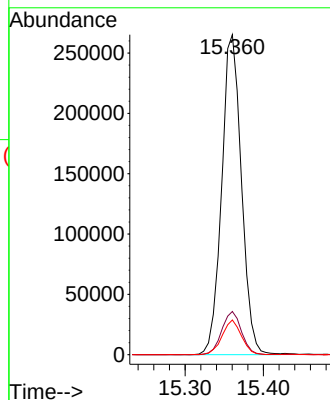
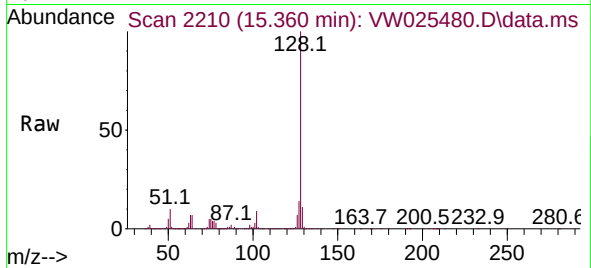




#71
Naphthalene
Concen: 21.378 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW025480.D
Acq: 22 Mar 2023 14:53

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 465111
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 10.6 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 21.429 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW025480.D
Acq: 22 Mar 2023 14:53

Tgt Ion:180 Resp: 212143
Ion Ratio Lower Upper
180 100
182 96.5 76.6 114.8
145 34.0 27.7 41.5

