

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041823\
 Data File : VW030651.D
 Acq On : 19 Apr 2023 05:02
 Operator : SY/MD
 Sample : 02398-11
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMP2

Quant Time: Apr 19 05:46:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 18 02:45:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.548	114	285858	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.757	117	59	50.000	ug/L	#-0.04
58) 1,4-Dichlorobenzene-d4	11.146	152	1319	50.000	ug/L	#-0.05
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	60226	28.740	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	57.480%#
7) Chloroethane-d5	1.535	69	53568	30.504	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.000%#
11) 1,1-Dichloroethene-d2	2.063	65	29809	29.996	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.000%
21) 2-Butanone-d5	3.799	46	97736	84.914	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.910%
24) Chloroform-d	4.262	84	194133	51.119	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.240%
26) 1,2-Dichloroethane-d4	4.976	65	36140	14.802	ug/L	0.03
Spiked Amount	50.000	Range	70 - 125	Recovery	=	29.600%#
32) Benzene-d6	5.027	84	309069	221566.349	ug/L	0.06
Spiked Amount	50.000	Range	70 - 125	Recovery	=	443132.700%#
36) 1,2-Dichloropropane-d6	6.001	67	84223	194375.455	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	388750.920%#
41) Toluene-d8	7.259	98	222903	170193.813	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	340387.620%#
43) trans-1,3-Dichloroprop...	7.564	79	38749	177428.876	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	354857.760%#
47) 2-Hexanone-d5	8.037	63	67153	393411.460	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	393411.460%#
56) 1,1,2,2-Tetrachloroeth...	10.168	84	133090	211676.909	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	423353.820%#
66) 1,2-Dichlorobenzene-d4	11.622	152	168854	8054.082	ug/L	0.05
Spiked Amount	50.000	Range	80 - 120	Recovery	=	16108.160%#
Target Compounds						
					Qvalue	
13) Acetone	2.117	43	225957	126.866	ug/L	99
14) Carbon disulfide	2.246	76	6011	1.063	ug/L #	92
16) Methylene chloride	2.455	84	92163	40.236	ug/L	96
22) 2-Butanone	3.899	43	7445	4.045	ug/L	93
25) Chloroform	4.284	83	1372582	321.888	ug/L	99
27) 1,2-Dichloroethane	5.075	62	2665587	738.467	ug/L #	77
29) Cyclohexane	4.596	56	26666	37662.389	ug/L	98
30) 1,1,1-Trichloroethane	4.522	97	174	209.882	ug/L #	1
31) Carbon tetrachloride	4.754	117	85251	115014.487	ug/L	98
33) Benzene	4.895	78	46	25.675	ug/L	100
34) Trichloroethene	5.850	95	5174	11102.415	ug/L	95
35) Methylcyclohexane	6.063	83	5125	7018.407	ug/L #	71
37) 1,2-Dichloropropane	6.104	63	446	924.870	ug/L #	1
38) Bromodichloromethane	6.452	83	1680	2480.019	ug/L #	92
39) cis-1,3-Dichloropropene	6.966	75	144	198.959	ug/L #	31
40) 4-Methyl-2-pentanone	7.156	43	209	310.262	ug/L #	84
42) Toluene	7.333	91	46256	24103.857	ug/L	99
44) trans-1,3-Dichloropropene	7.564	75	2387	3356.890	ug/L	90
45) 1,1,2-Trichloroethane	7.789	97	574	1187.048	ug/L	87

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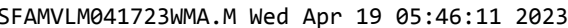
Quant Time: Apr 19 05:46:07 2023
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 Quant Title : VOC Analysis
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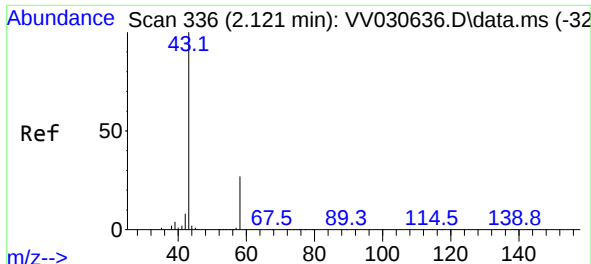
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

46) Tetrachloroethene	7.915	164	930	2279.880	ug/L	83
48) 2-Hexanone	8.037	43	6297	11329.261	ug/L #	61
49) Dibromochloromethane	8.181	129	129	241.857	ug/L	85
50) 1,2-Dibromoethane	8.374	107	69	137.716	ug/L #	6
51) Chlorobenzene	8.673	112	80	62.945	ug/L #	59
52) Ethylbenzene	9.005	91	1798	846.326	ug/L	93
53) m,p-Xylene	9.107	106	1633	2034.971	ug/L	84
54) o-Xylene	9.500	106	950	1210.120	ug/L	85
55) Styrene	9.509	104	66	47.861	ug/L #	1
57) 1,1,2,2-Tetrachloroethane	10.181	83	547	688.991	ug/L #	18
60) Isopropylbenzene	9.876	105	193	2.346	ug/L #	64
61) 1,2,3-Trichloropropane	10.493	75	184	7.789	ug/L	94
62) 1,3,5-Trimethylbenzene	10.879	105	304	4.489	ug/L	97
63) 1,2,4-Trimethylbenzene	10.879	105	304	4.495	ug/L	97
64) 1,3-Dichlorobenzene	11.149	146	8274485	200914.393	ug/L	98
65) 1,4-Dichlorobenzene	11.149	146	8274485	190531.740	ug/L	97
67) 1,2-Dichlorobenzene	11.541	146	251	6.041	ug/L #	88
68) 1,2-Dibromo-3-chloropr...	12.348	75	30765	4395.544	ug/L #	6
69) 1,3,5-Trichlorobenzene	13.217	180	5197063	167050.499	ug/L	99
70) 1,2,4-trichlorobenzene	13.217	180	5197063	196748.219	ug/L	98
71) Naphthalene	13.458	128	2054	28.426	ug/L #	90
72) 1,2,3-Trichlorobenzene	13.692	180	1120023	42760.491	ug/L	100

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

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#13

Acetone

Concen: 126.866 ug/L

RT: 2.117 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV030651.D

Acq: 19 Apr 2023 05:02

Instrument :

MSVOA_V

ClientSampleId :

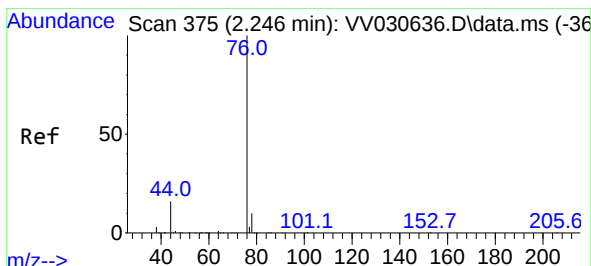
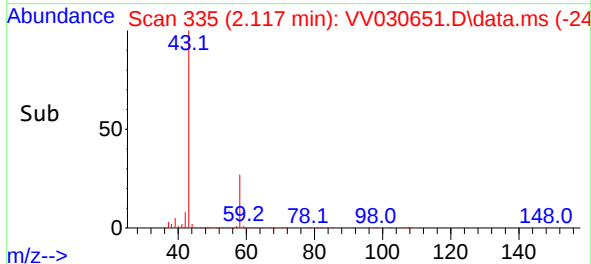
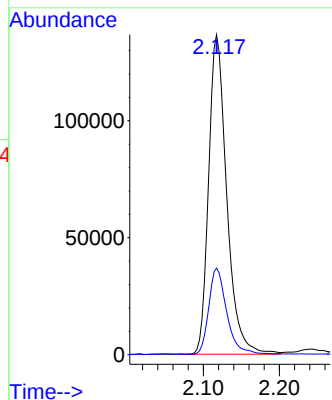
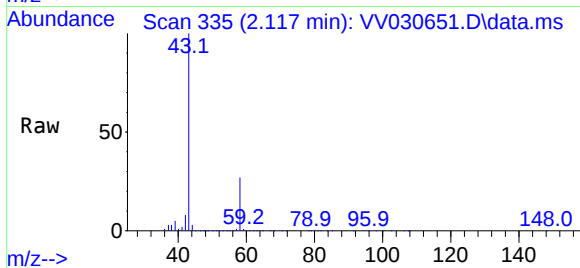
COMP2

Tgt Ion: 43 Resp: 225957

Ion Ratio Lower Upper

43 100

58 26.8 0.0 52.8



#14

Carbon disulfide

Concen: 1.063 ug/L

RT: 2.246 min Scan# 375

Delta R.T. -0.000 min

Lab File: VV030651.D

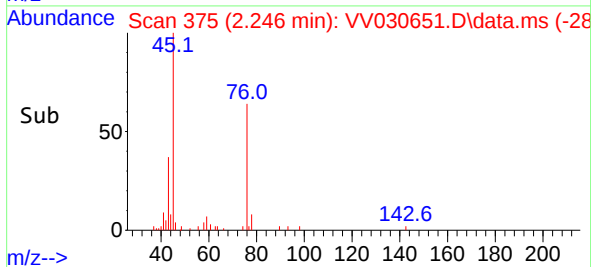
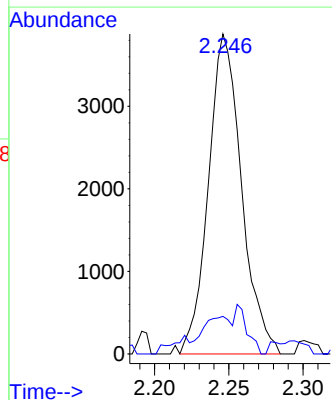
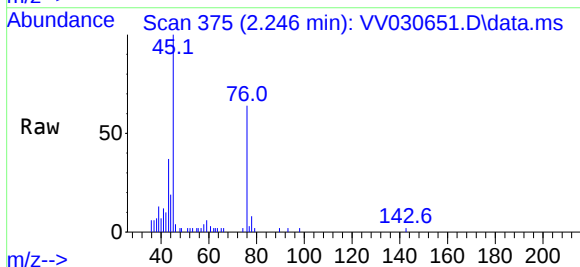
Acq: 19 Apr 2023 05:02

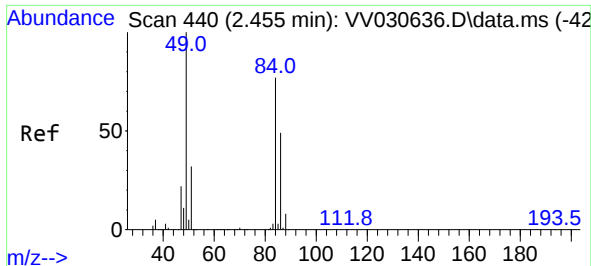
Tgt Ion: 76 Resp: 6011

Ion Ratio Lower Upper

76 100

78 11.7 7.0 10.4#

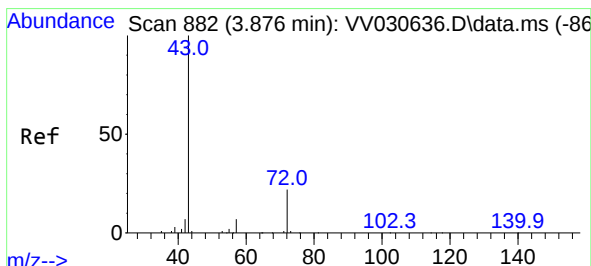
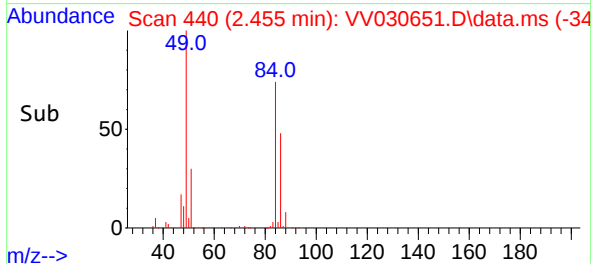
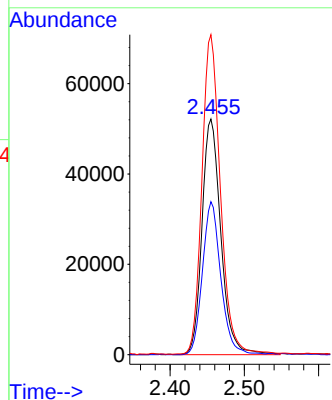
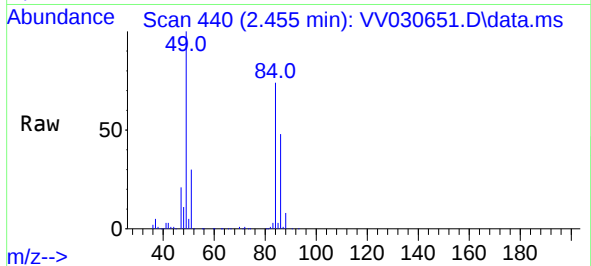




#16
Methylene chloride
Concen: 40.236 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV030651.D
Acq: 19 Apr 2023 05:02

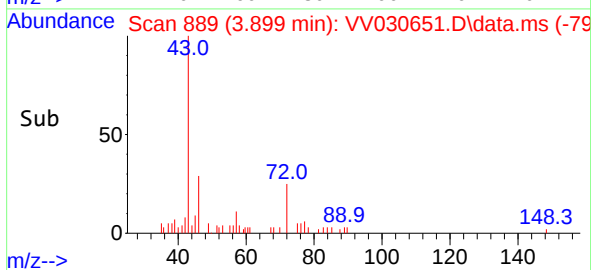
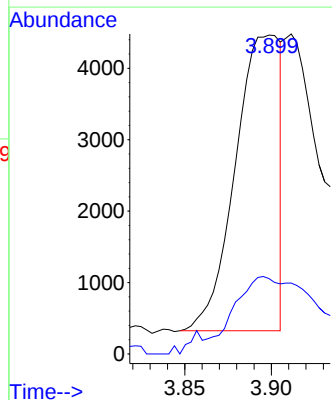
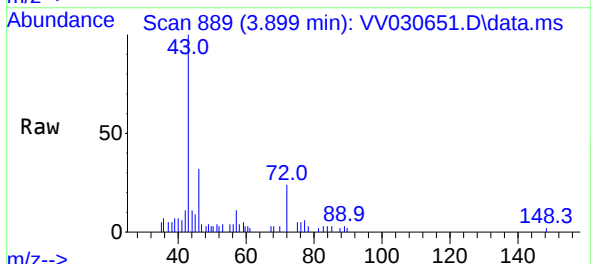
Instrument :
MSVOA_V
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COMP2

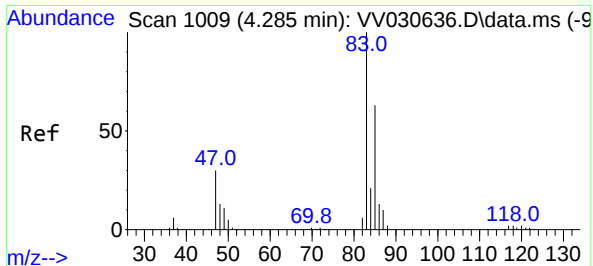
Tgt Ion: 84 Resp: 92163
Ion Ratio Lower Upper
84 100
86 64.9 45.4 84.2
49 135.8 90.4 168.0



#22
2-Butanone
Concen: 4.045 ug/L
RT: 3.899 min Scan# 889
Delta R.T. 0.016 min
Lab File: VV030651.D
Acq: 19 Apr 2023 05:02

Tgt Ion: 43 Resp: 7445
Ion Ratio Lower Upper
43 100
72 19.6 11.5 34.4





#25

Chloroform

Concen: 321.888 ug/L

RT: 4.284 min Scan# 1009

Delta R.T. -0.000 min

Lab File: VV030651.D

Acq: 19 Apr 2023 05:02

Instrument :

MSVOA_V

ClientSampleId :

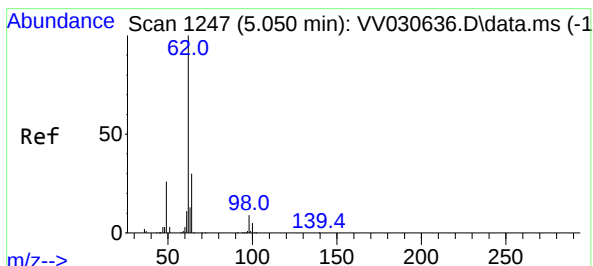
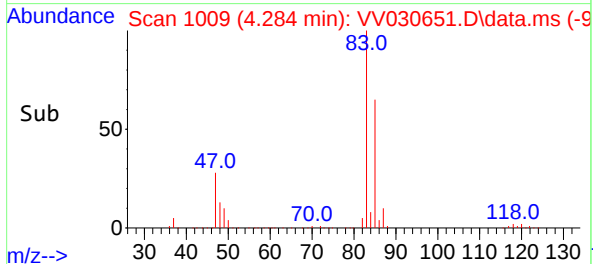
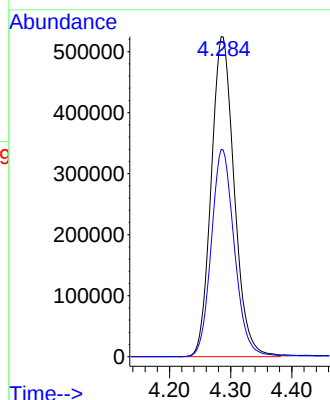
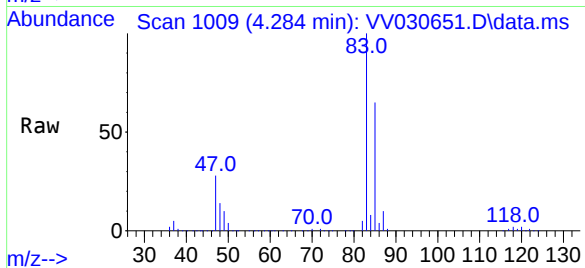
COMP2

Tgt Ion: 83 Resp: 1372582

Ion Ratio Lower Upper

83 100

85 64.7 45.8 85.2



#27

1,2-Dichloroethane

Concen: 738.467 ug/L

RT: 5.075 min Scan# 1255

Delta R.T. 0.029 min

Lab File: VV030651.D

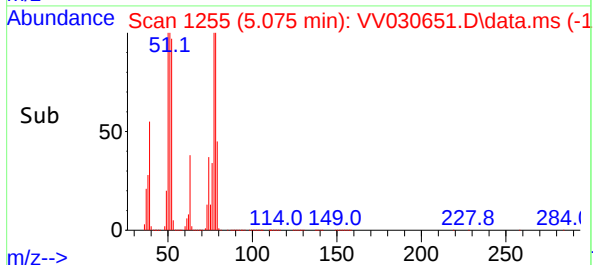
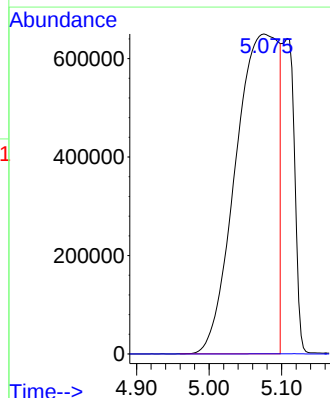
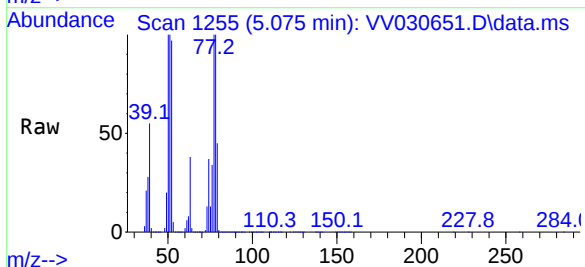
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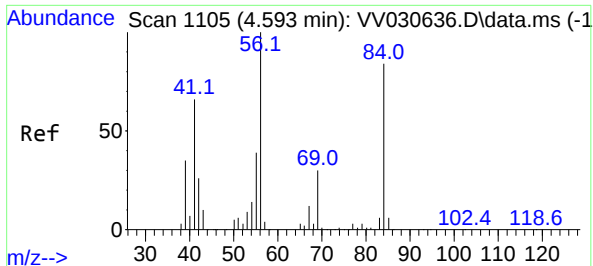
Tgt Ion: 62 Resp: 2665587

Ion Ratio Lower Upper

62 100

98 0.0 6.4 9.6#





#29

Cyclohexane

Concen: 37662.389 ug/L

RT: 4.596 min Scan# 1105

Delta R.T. 0.003 min

Lab File: VV030651.D

Acq: 19 Apr 2023 05:02

Instrument :

MSVOA_V

ClientSampleId :

COMP2

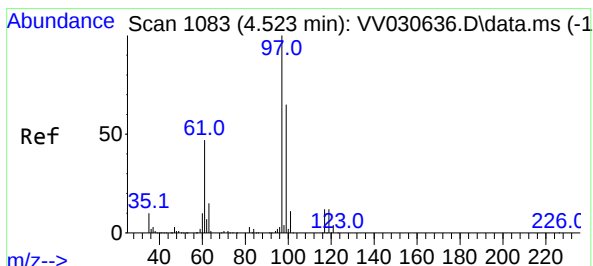
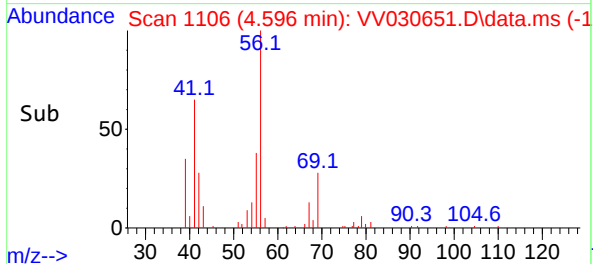
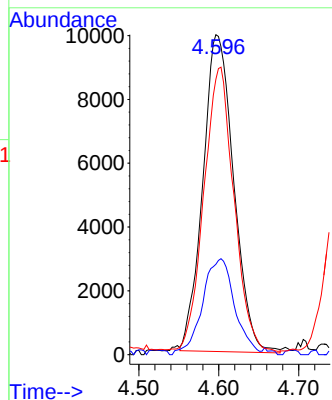
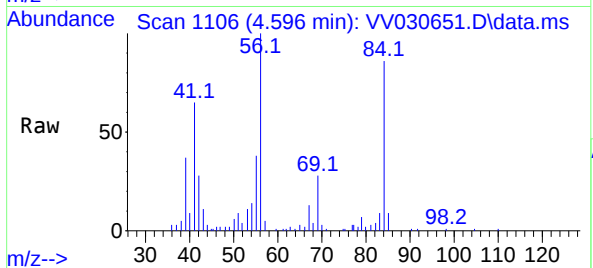
Tgt Ion: 56 Resp: 26666

Ion Ratio Lower Upper

56 100

69 31.5 24.0 36.0

84 87.1 68.2 102.2



#30

1,1,1-Trichloroethane

Concen: 209.882 ug/L

RT: 4.522 min Scan# 1083

Delta R.T. 0.003 min

Lab File: VV030651.D

Acq: 19 Apr 2023 05:02

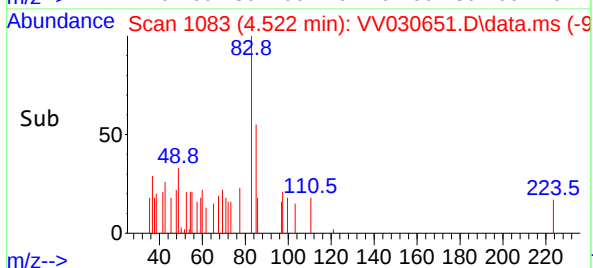
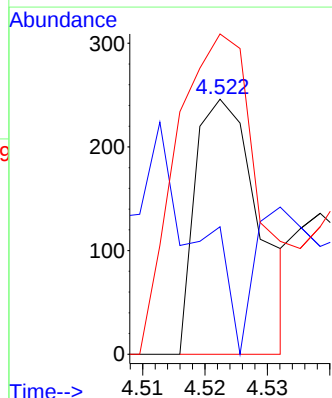
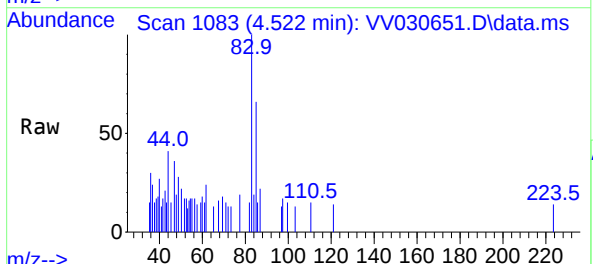
Tgt Ion: 97 Resp: 174

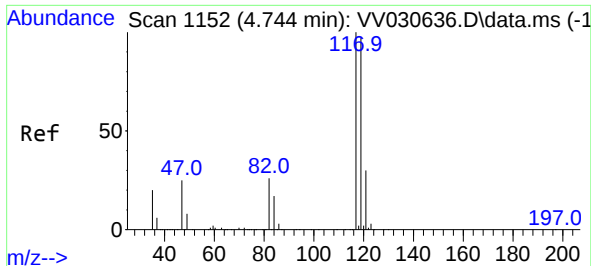
Ion Ratio Lower Upper

97 100

99 25.9 51.4 77.0#

61 173.0 37.0 55.6#

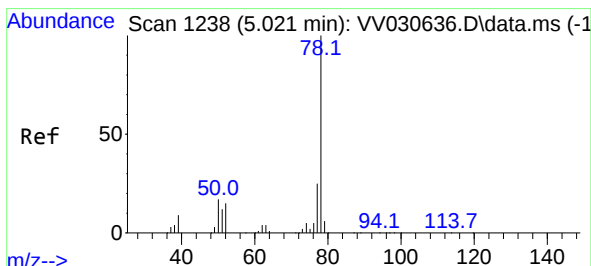
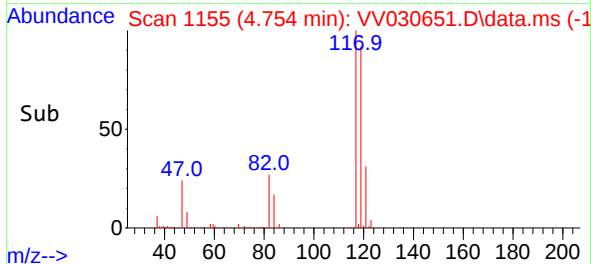
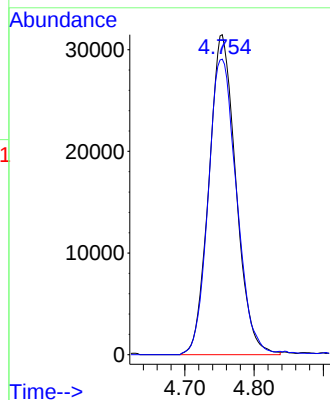
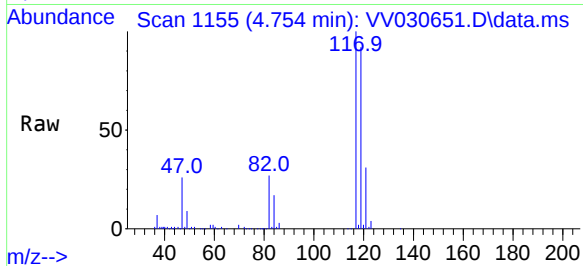




#31
Carbon tetrachloride
Concen: 115014.487 ug/L
RT: 4.754 min Scan# 1155
Delta R.T. 0.009 min
Lab File: VV030651.D
Acq: 19 Apr 2023 05:02

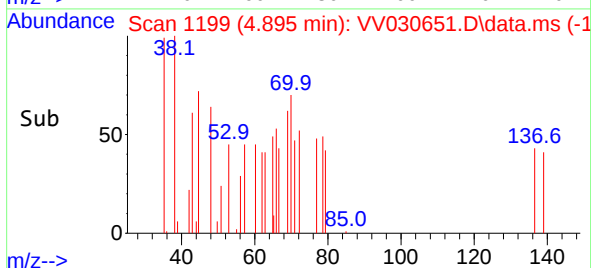
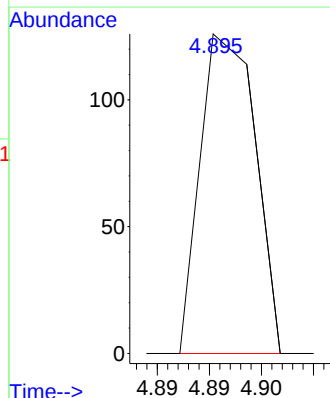
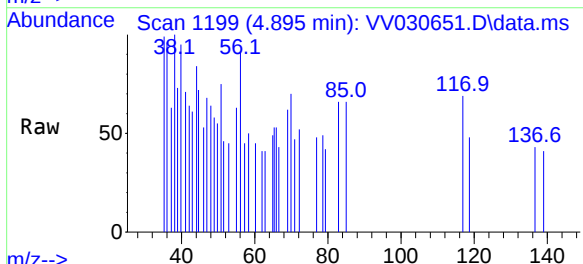
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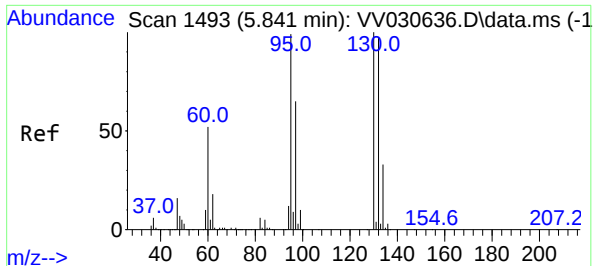
Tgt Ion:117 Resp: 85251
Ion Ratio Lower Upper
117 100
119 96.7 75.9 113.9



#33
Benzene
Concen: 25.675 ug/L
RT: 4.895 min Scan# 1199
Delta R.T. -0.122 min
Lab File: VV030651.D
Acq: 19 Apr 2023 05:02

Tgt Ion: 78 Resp: 46





#34

Trichloroethene

Concen: 11102.415 ug/L

RT: 5.850 min Scan# 1493

Delta R.T. 0.009 min

Lab File: VV030651.D

Acq: 19 Apr 2023 05:02

Instrument :

MSVOA_V

ClientSampleId :

COMP2

Tgt Ion: 95 Resp: 5174

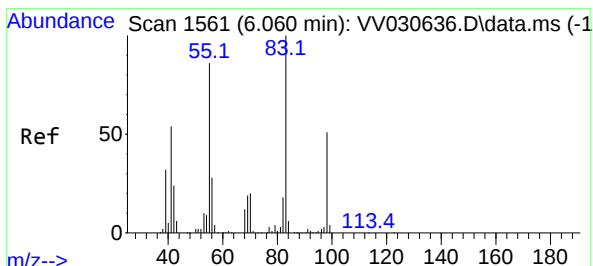
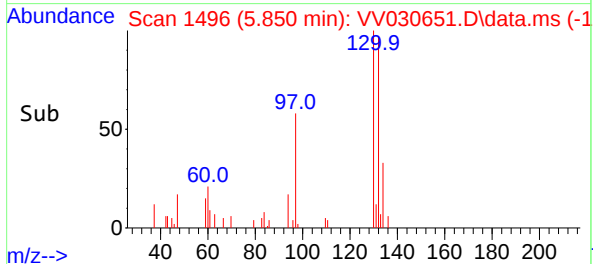
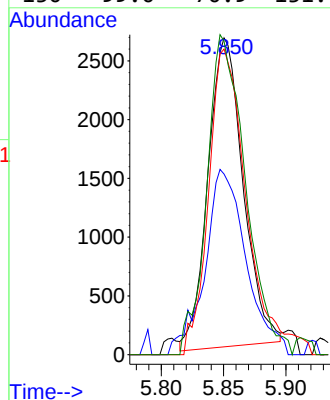
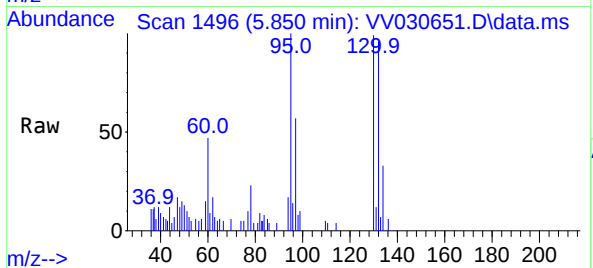
Ion Ratio Lower Upper

95 100

97 57.0 45.8 85.2

132 96.4 70.6 131.2

130 99.0 70.9 131.7



#35

Methylcyclohexane

Concen: 7018.407 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. 0.003 min

Lab File: VV030651.D

Acq: 19 Apr 2023 05:02

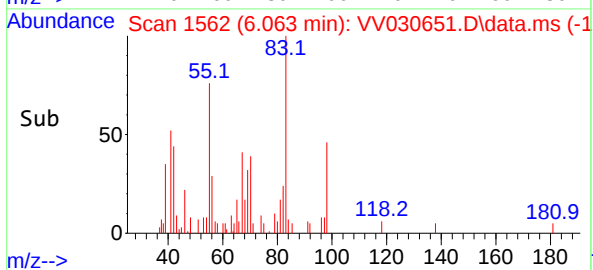
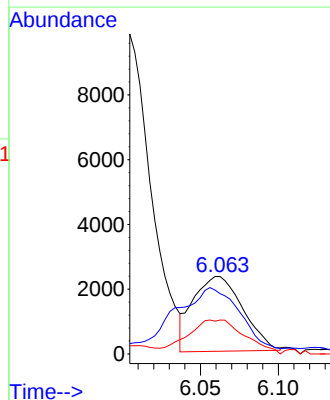
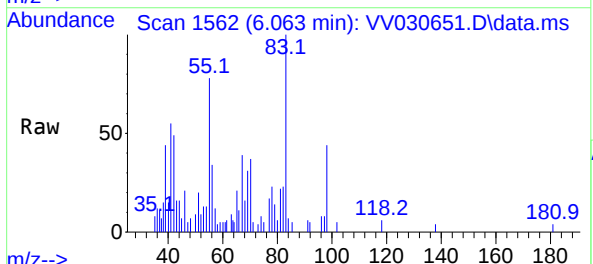
Tgt Ion: 83 Resp: 5125

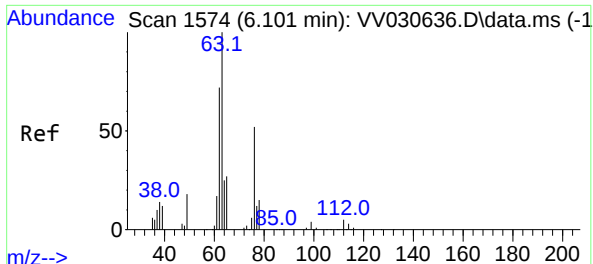
Ion Ratio Lower Upper

83 100

55 63.3 65.5 98.3#

98 19.4 38.7 58.1#

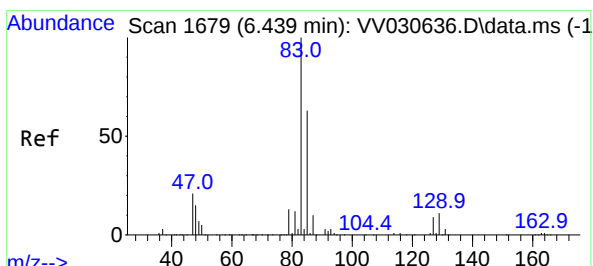
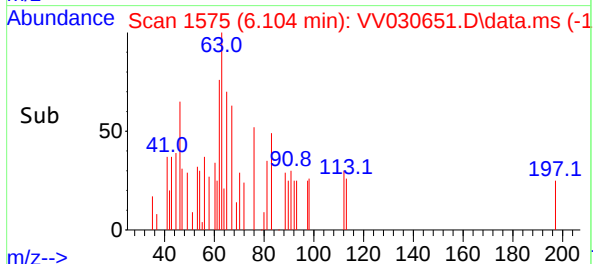
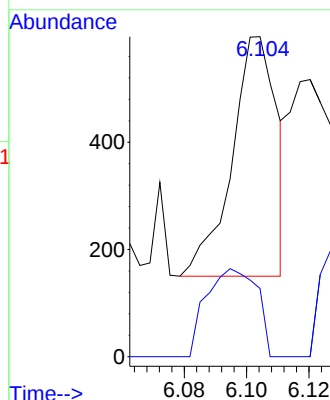
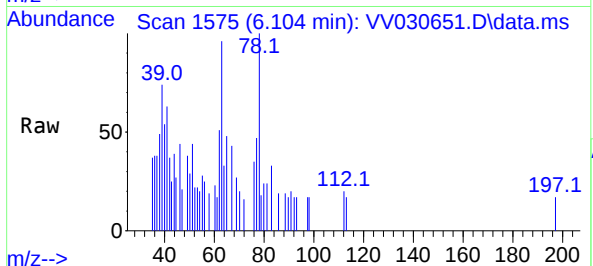




#37
1,2-Dichloropropane
Concen: 924.870 ug/L
RT: 6.104 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV030651.D
Acq: 19 Apr 2023 05:02

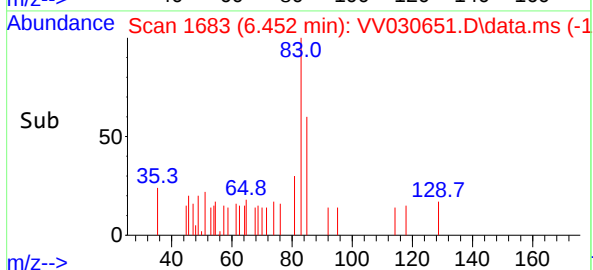
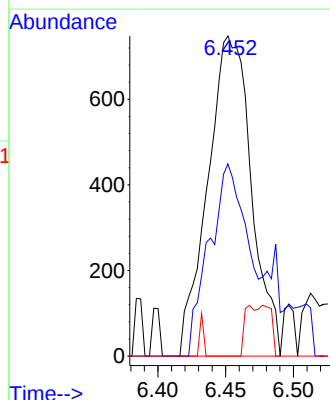
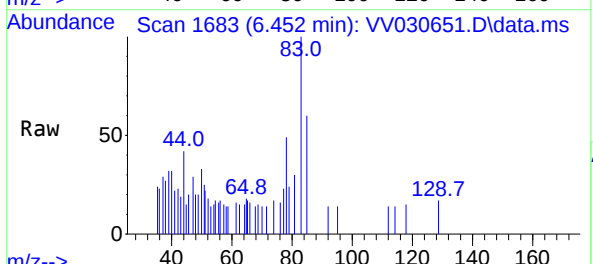
Instrument :
MSVOA_V
ClientSampleId :
COMP2

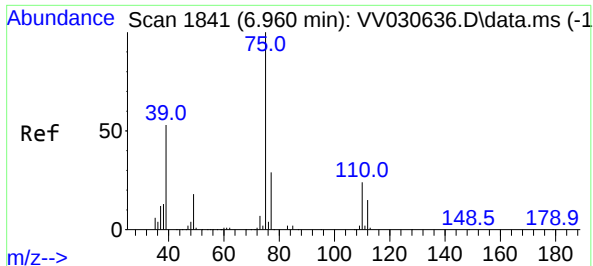
Tgt Ion: 63 Resp: 446
Ion Ratio Lower Upper
63 100
112 41.5 3.8 5.8#



#38
Bromodichloromethane
Concen: 2480.019 ug/L
RT: 6.452 min Scan# 1683
Delta R.T. 0.013 min
Lab File: VV030651.D
Acq: 19 Apr 2023 05:02

Tgt Ion: 83 Resp: 1680
Ion Ratio Lower Upper
83 100
85 60.0 45.4 84.4
127 0.0 7.0 10.4#





#39

cis-1,3-Dichloropropene

Concen: 198.959 ug/L

RT: 6.966 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV030651.D

Acq: 19 Apr 2023 05:02

Instrument :

MSVOA_V

ClientSampleId :

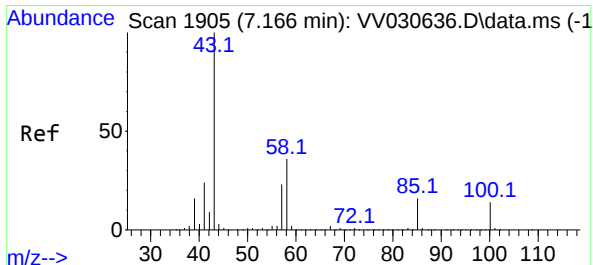
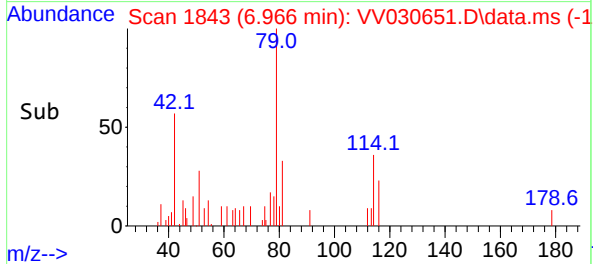
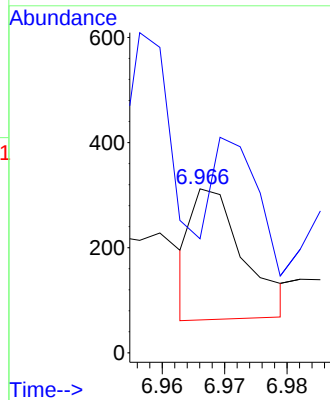
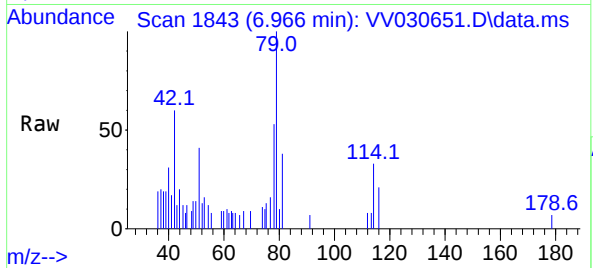
COMP2

Tgt Ion: 75 Resp: 144

Ion Ratio Lower Upper

75 100

77 69.6 22.0 40.8#



#40

4-Methyl-2-pentanone

Concen: 310.262 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.010 min

Lab File: VV030651.D

Acq: 19 Apr 2023 05:02

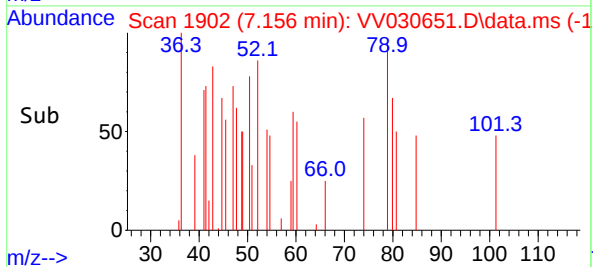
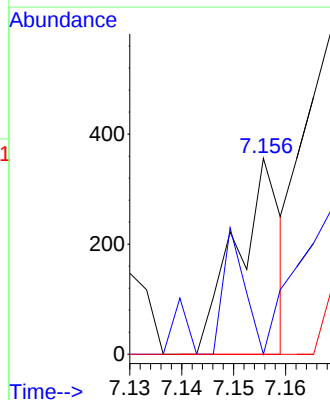
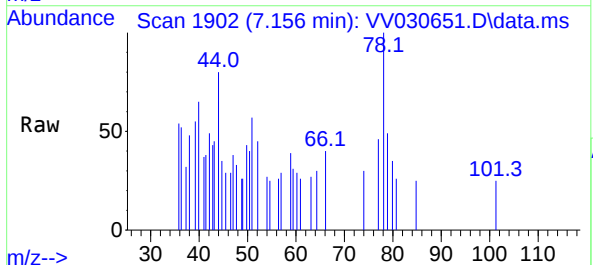
Tgt Ion: 43 Resp: 209

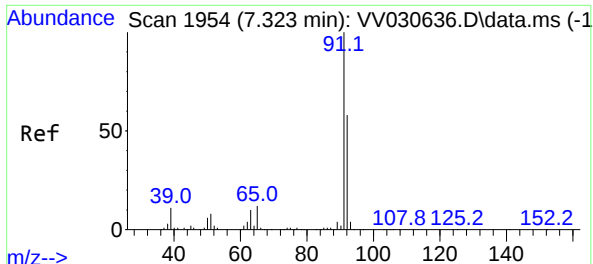
Ion Ratio Lower Upper

43 100

58 31.6 29.2 43.8

100 0.0 11.3 16.9#





#42

Toluene

Concen: 24103.857 ug/L

RT: 7.333 min Scan# 1954

Delta R.T. 0.013 min

Lab File: VV030651.D

Acq: 19 Apr 2023 05:02

Instrument :

MSVOA_V

ClientSampleId :

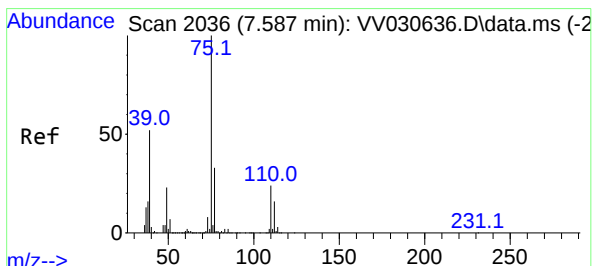
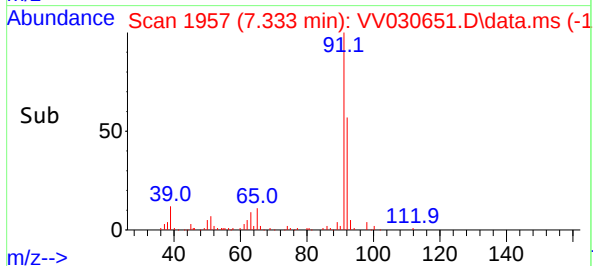
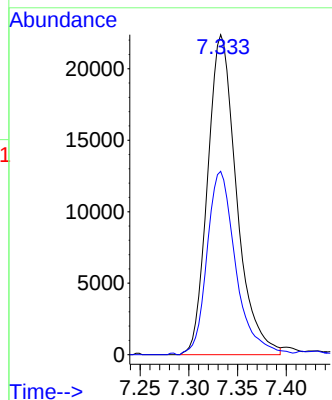
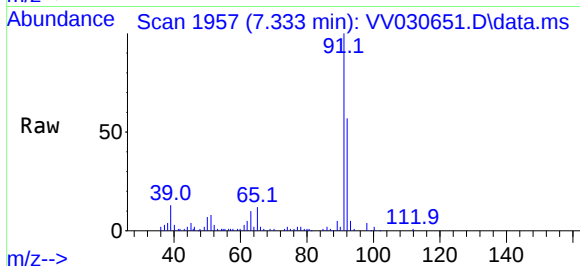
COMP2

Tgt Ion: 91 Resp: 46256

Ion Ratio Lower Upper

91 100

92 57.3 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 3356.890 ug/L

RT: 7.564 min Scan# 2029

Delta R.T. -0.023 min

Lab File: VV030651.D

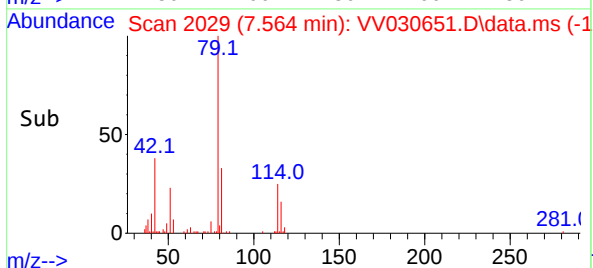
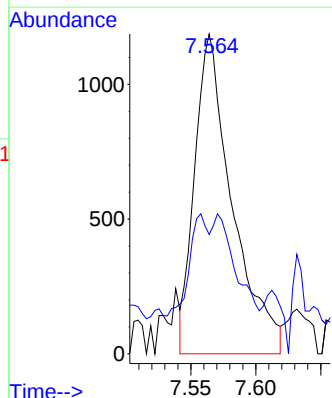
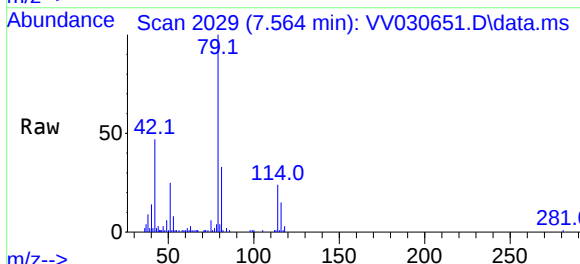
Acq: 19 Apr 2023 05:02

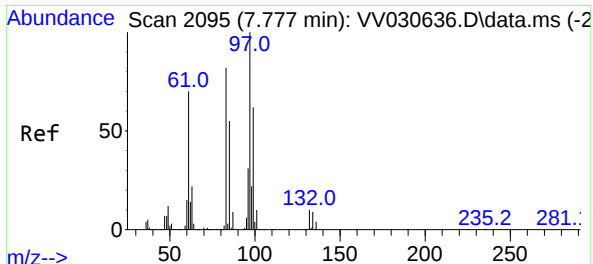
Tgt Ion: 75 Resp: 2387

Ion Ratio Lower Upper

75 100

77 37.3 22.1 41.1



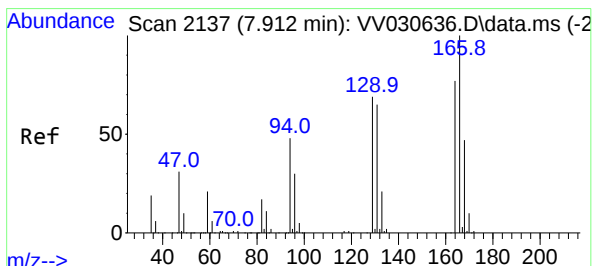
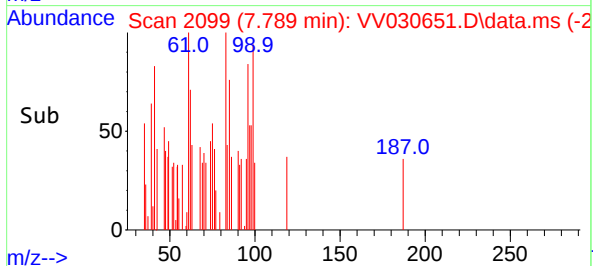
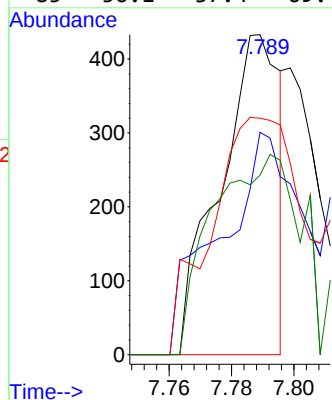
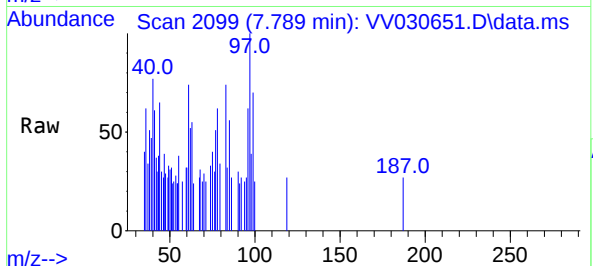


#45
1,1,2-Trichloroethane
Concen: 1187.048 ug/L
RT: 7.789 min Scan# 2095
Delta R.T. 0.016 min
Lab File: VV030651.D
Acq: 19 Apr 2023 05:02

Instrument :
MSVOA_V
ClientSampleId :
COMP2

Tgt Ion: 97 Resp: 574

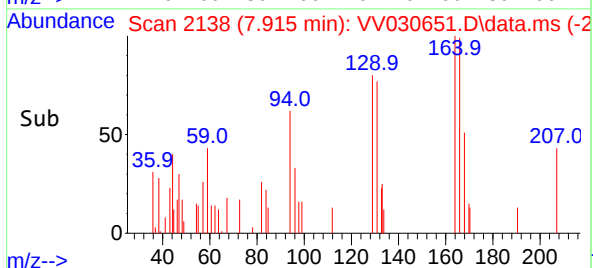
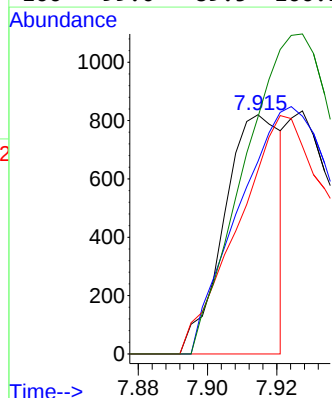
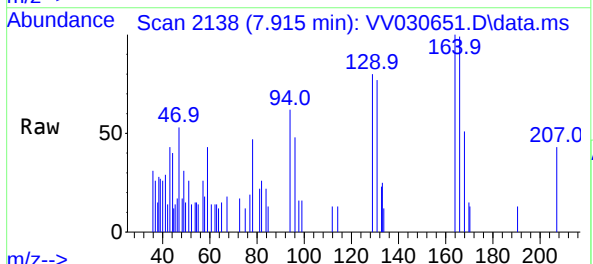
Ion	Ratio	Lower	Upper
97	100		
99	69.5	43.8	81.4
83	105.8	59.6	110.6
85	56.1	37.4	69.4

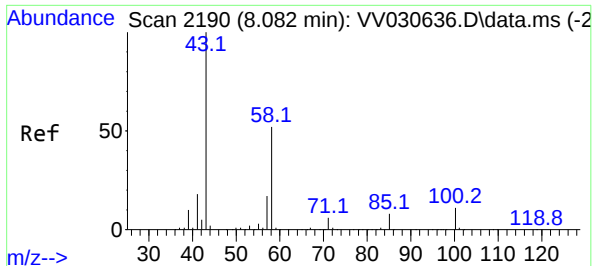


#46
Tetrachloroethene
Concen: 2279.880 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV030651.D
Acq: 19 Apr 2023 05:02

Tgt Ion: 164 Resp: 930

Ion	Ratio	Lower	Upper
164	100		
129	80.5	63.8	118.6
131	76.7	60.3	111.9
166	99.0	89.5	166.1

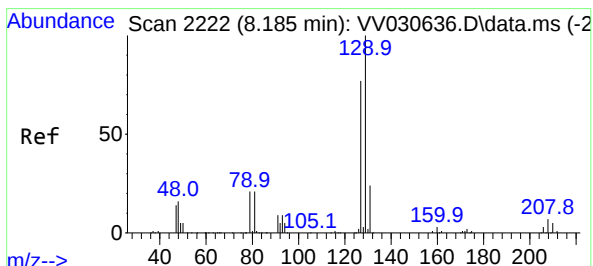
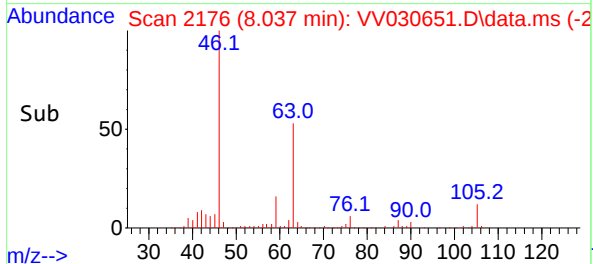
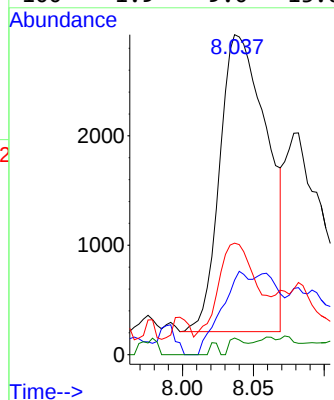
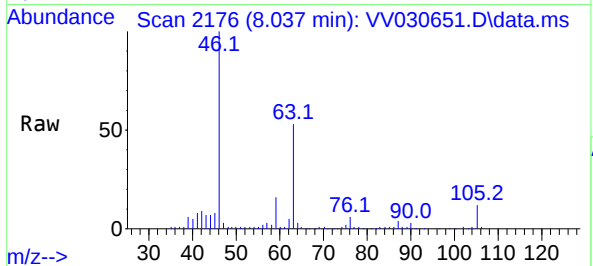




#48
2-Hexanone
Concen: 11329.261 ug/L
RT: 8.037 min Scan# 2190
Delta R.T. -0.045 min
Lab File: VV030651.D
Acq: 19 Apr 2023 05:02

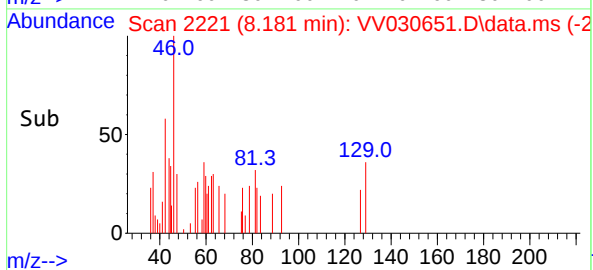
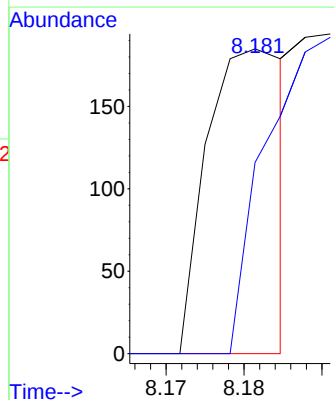
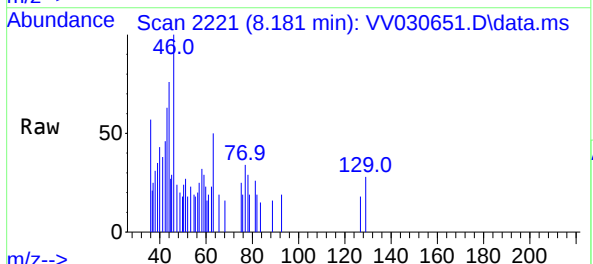
Instrument :
MSVOA_V
ClientSampleId :
COMP2

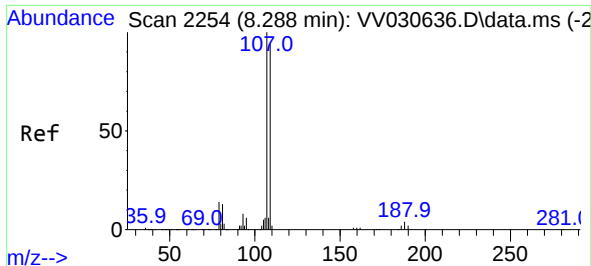
Tgt Ion: 43 Resp: 6297
Ion Ratio Lower Upper
43 100
58 16.0 41.4 62.0#
57 25.7 14.9 22.3#
100 1.9 9.0 13.6#



#49
Dibromochloromethane
Concen: 241.857 ug/L
RT: 8.181 min Scan# 2221
Delta R.T. -0.003 min
Lab File: VV030651.D
Acq: 19 Apr 2023 05:02

Tgt Ion: 129 Resp: 129
Ion Ratio Lower Upper
129 100
127 62.7 52.8 98.2

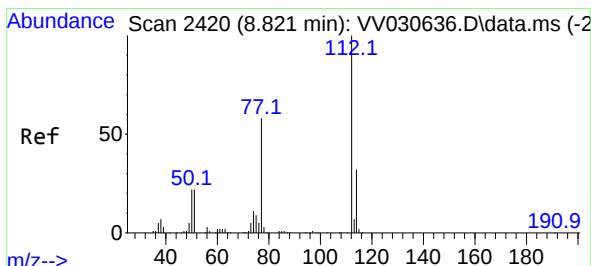
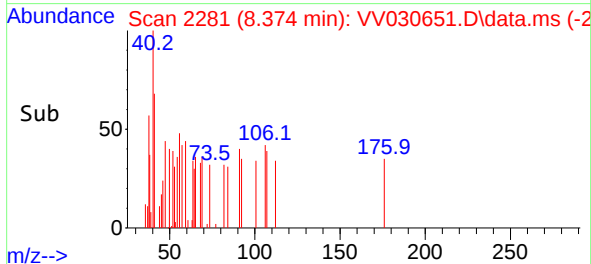
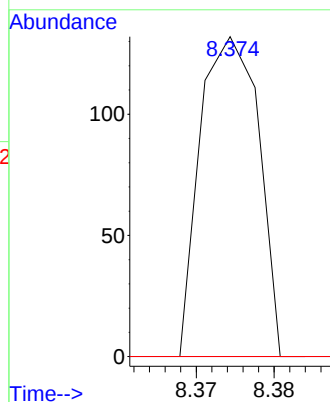
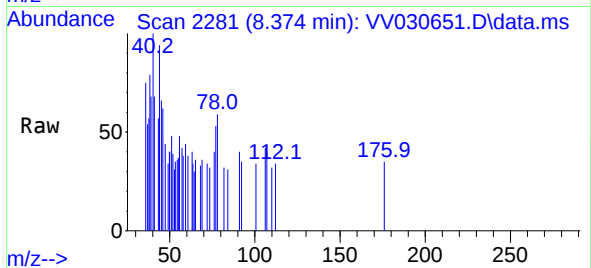




#50
1,2-Dibromoethane
Concen: 137.716 ug/L
RT: 8.374 min Scan# 21
Delta R.T. 0.087 min
Lab File: VV030651.D
Acq: 19 Apr 2023 05:02

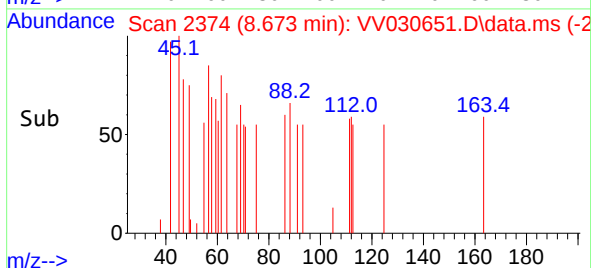
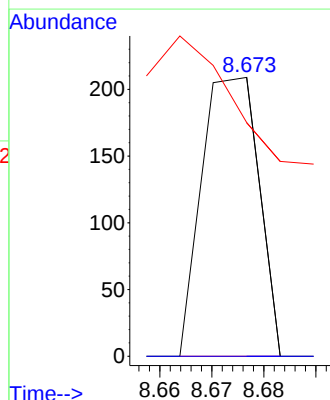
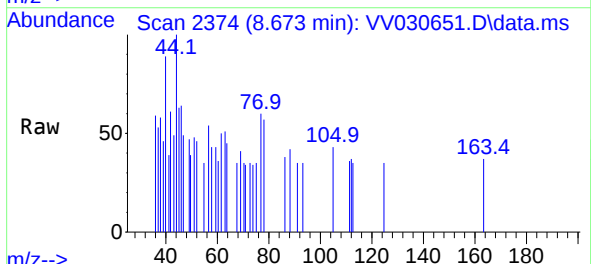
Instrument :
MSVOA_V
ClientSampleId :
COMP2

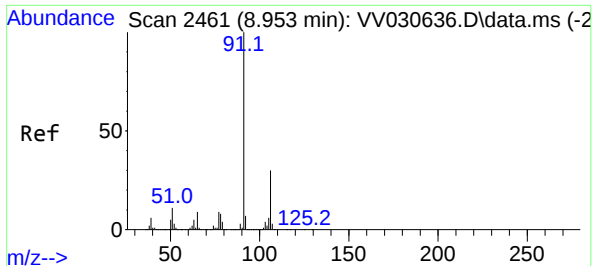
Tgt Ion:107 Resp: 69
Ion Ratio Lower Upper
107 100
109 0.0 65.7 121.9#
188 0.0 3.2 4.8#



#51
Chlorobenzene
Concen: 62.945 ug/L
RT: 8.673 min Scan# 2374
Delta R.T. -0.148 min
Lab File: VV030651.D
Acq: 19 Apr 2023 05:02

Tgt Ion:112 Resp: 80
Ion Ratio Lower Upper
112 100
114 0.0 22.4 41.6#
77 83.7 47.4 71.0#





#52

Ethylbenzene

Concen: 846.326 ug/L

RT: 9.005 min Scan# 24

Delta R.T. 0.051 min

Lab File: VV030651.D

Acq: 19 Apr 2023 05:02

Instrument :

MSVOA_V

ClientSampleId :

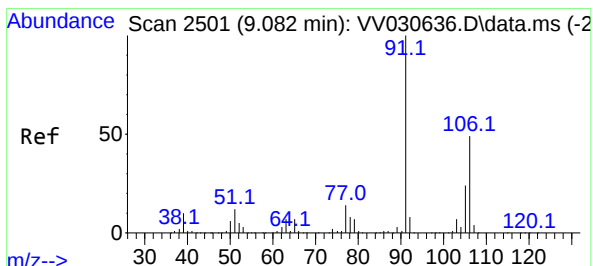
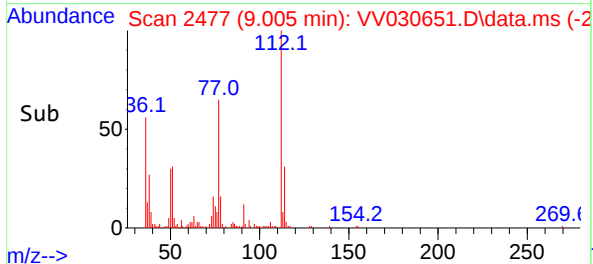
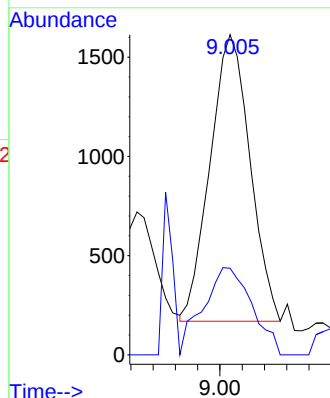
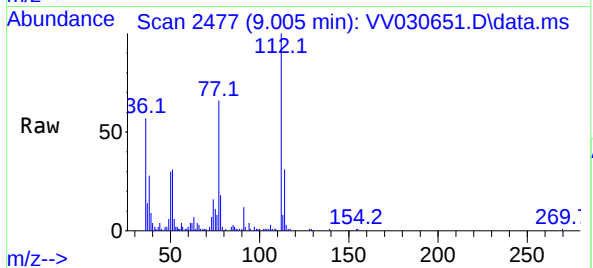
COMP2

Tgt Ion: 91 Resp: 1798

Ion Ratio Lower Upper

91 100

106 27.0 21.8 40.4



#53

m,p-Xylene

Concen: 2034.971 ug/L

RT: 9.107 min Scan# 2509

Delta R.T. 0.029 min

Lab File: VV030651.D

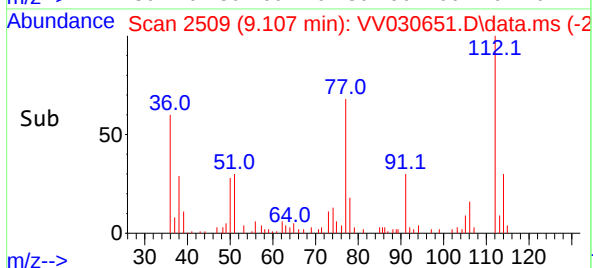
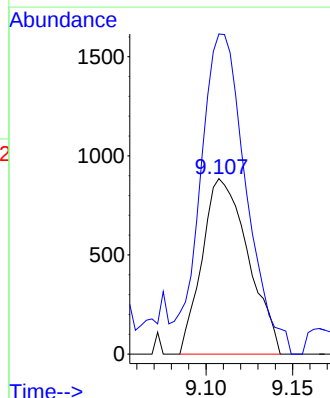
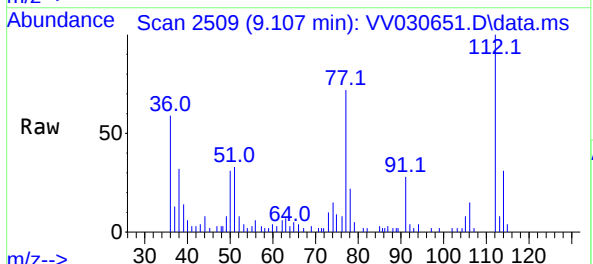
Acq: 19 Apr 2023 05:02

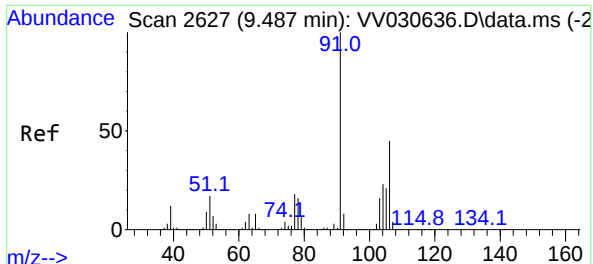
Tgt Ion: 106 Resp: 1633

Ion Ratio Lower Upper

106 100

91 182.5 144.7 268.7

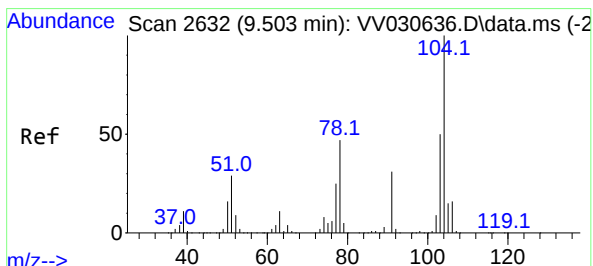
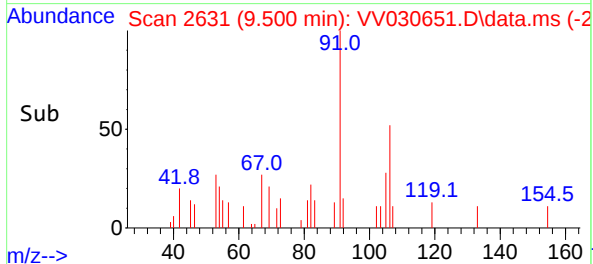
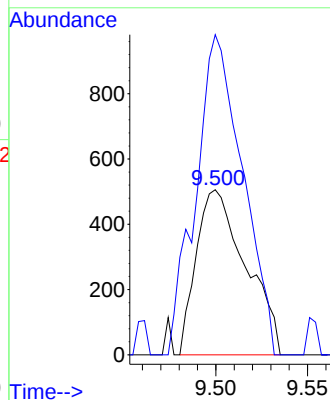
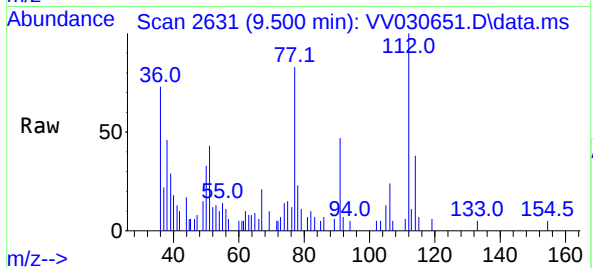




#54
o-Xylene
Concen: 1210.120 ug/L
RT: 9.500 min Scan# 2627
Delta R.T. 0.013 min
Lab File: VV030651.D
Acq: 19 Apr 2023 05:02

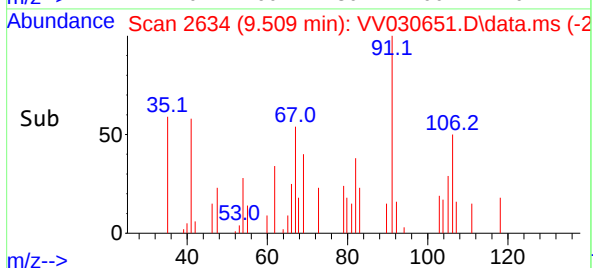
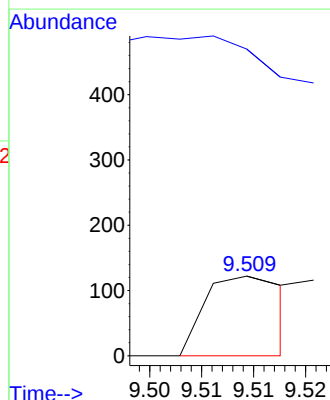
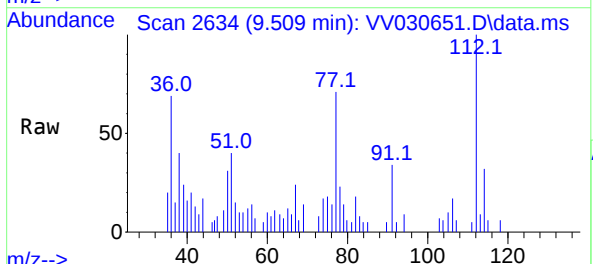
Instrument :
MSVOA_V
ClientSampleId :
COMP2

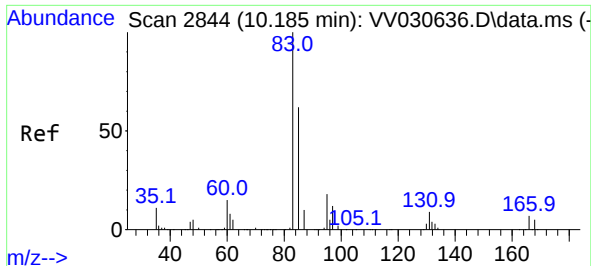
Tgt Ion:106 Resp: 950
Ion Ratio Lower Upper
106 100
91 193.9 152.6 283.4



#55
Styrene
Concen: 47.861 ug/L
RT: 9.509 min Scan# 2634
Delta R.T. 0.006 min
Lab File: VV030651.D
Acq: 19 Apr 2023 05:02

Tgt Ion:104 Resp: 66
Ion Ratio Lower Upper
104 100
78 385.2 32.3 59.9#





#57

1,1,2,2-Tetrachloroethane

Concen: 688.991 ug/L

RT: 10.181 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV030651.D

Acq: 19 Apr 2023 05:02

Instrument :

MSVOA_V

ClientSampleId :

COMP2

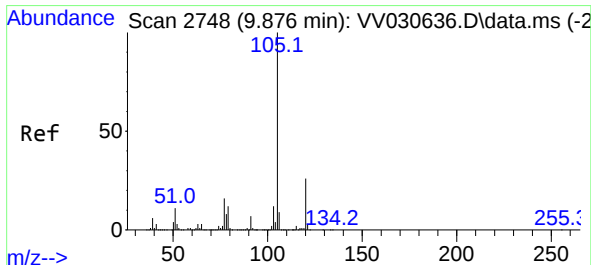
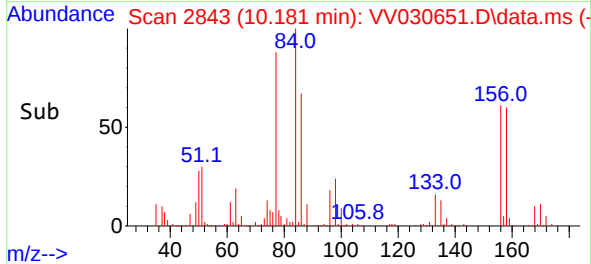
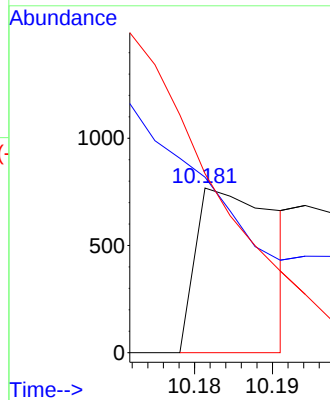
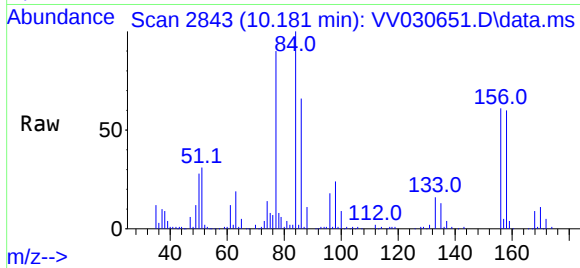
Tgt Ion: 83 Resp: 547

Ion Ratio Lower Upper

83 100

85 106.6 45.1 83.7#

131 108.7 8.0 12.0#



#60

Isopropylbenzene

Concen: 2.346 ug/L

RT: 9.876 min Scan# 2748

Delta R.T. -0.000 min

Lab File: VV030651.D

Acq: 19 Apr 2023 05:02

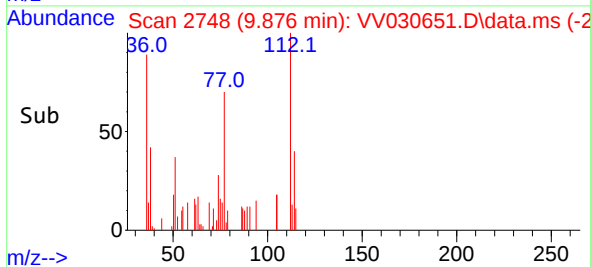
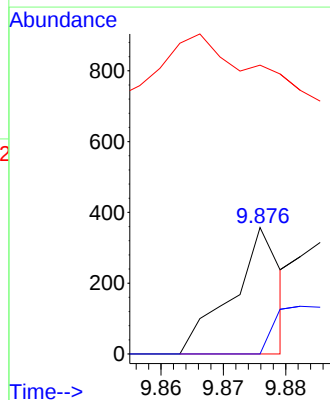
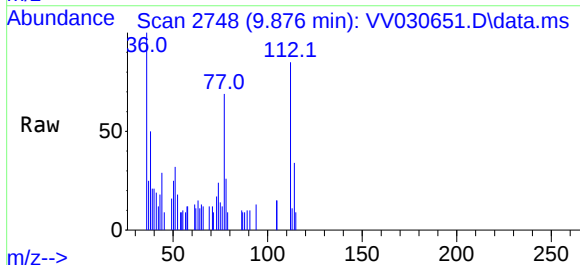
Tgt Ion:105 Resp: 193

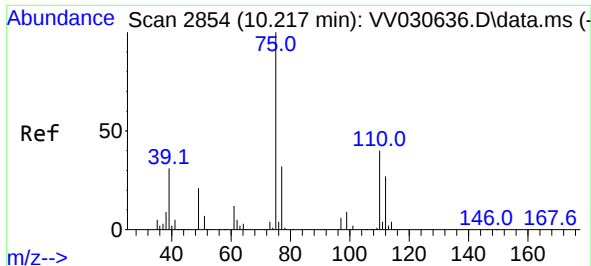
Ion Ratio Lower Upper

105 100

120 39.4 20.9 31.3#

77 38.3 13.0 19.6#





#61

1,2,3-Trichloropropane

Concen: 7.789 ug/L

RT: 10.493 min Scan# 2940

Delta R.T. 0.276 min

Lab File: VV030651.D

Acq: 19 Apr 2023 05:02

Instrument :

MSVOA_V

ClientSampleId :

COMP2

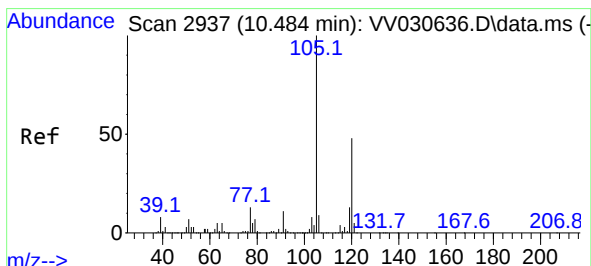
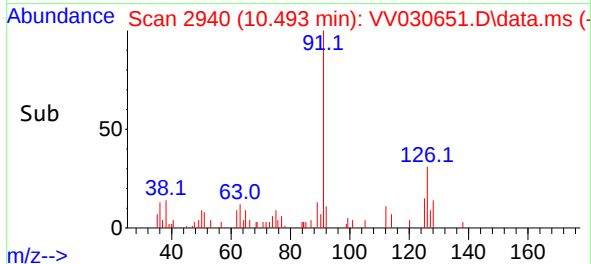
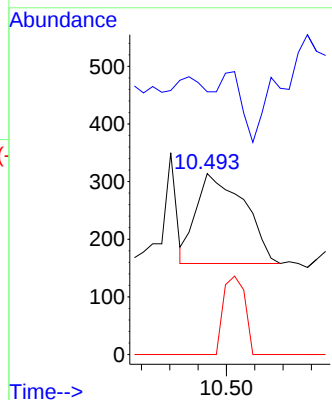
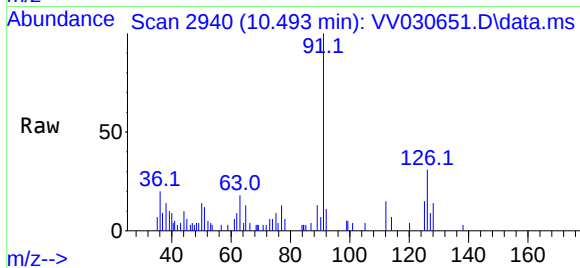
Tgt Ion: 75 Resp: 184

Ion Ratio Lower Upper

75 100

77 36.4 25.7 38.5

110 38.6 32.8 49.2



#62

1,3,5-Trimethylbenzene

Concen: 4.489 ug/L

RT: 10.879 min Scan# 3060

Delta R.T. 0.395 min

Lab File: VV030651.D

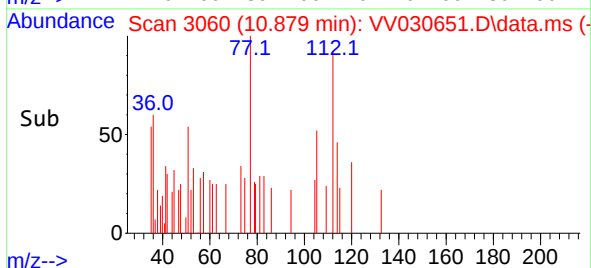
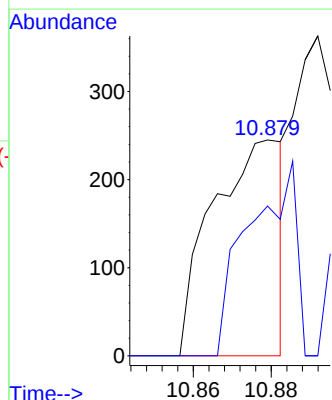
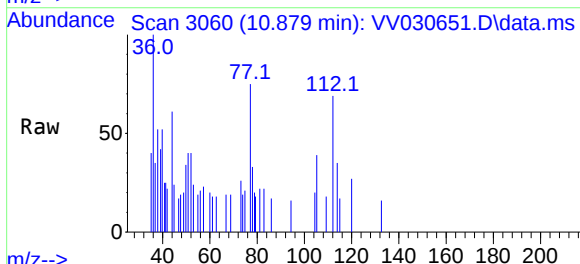
Acq: 19 Apr 2023 05:02

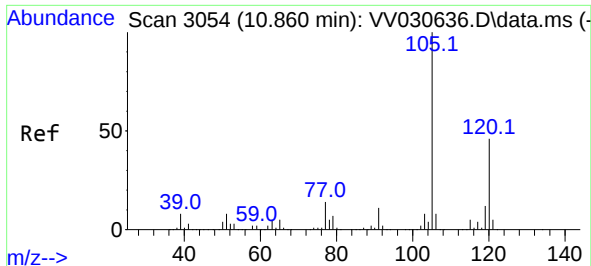
Tgt Ion: 105 Resp: 304

Ion Ratio Lower Upper

105 100

120 47.0 39.2 58.8

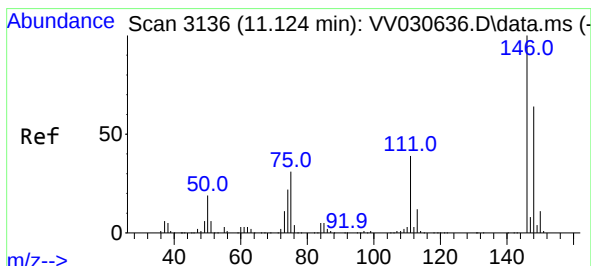
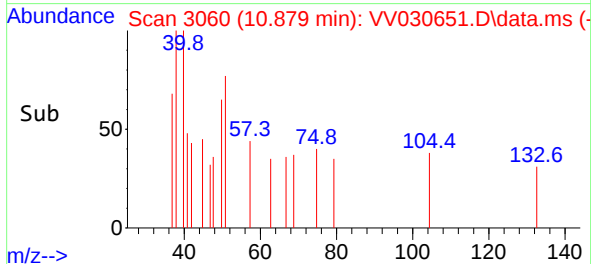
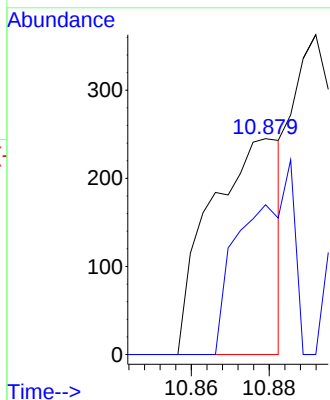
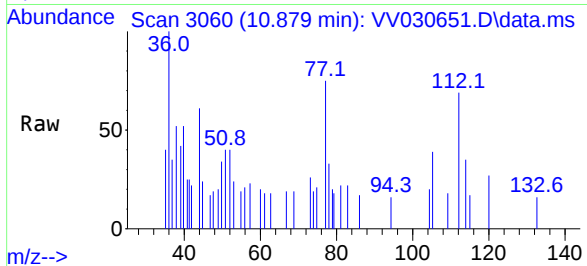




#63
1,2,4-Trimethylbenzene
Concen: 4.495 ug/L
RT: 10.879 min Scan# 3054
Delta R.T. 0.019 min
Lab File: VV030651.D
Acq: 19 Apr 2023 05:02

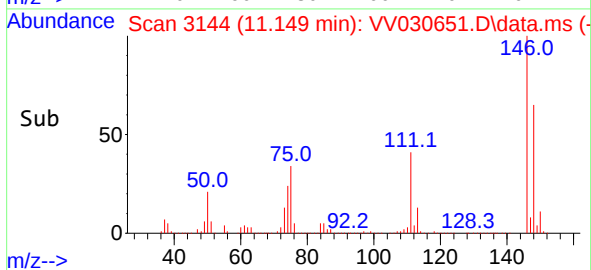
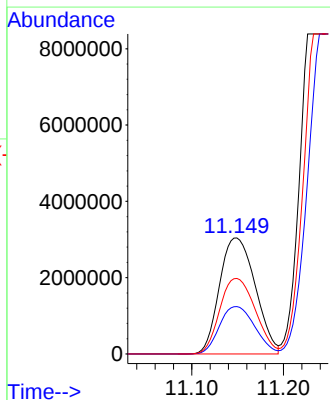
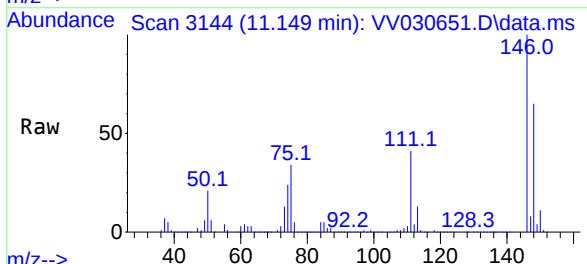
Instrument :
MSVOA_V
ClientSampleId :
COMP2

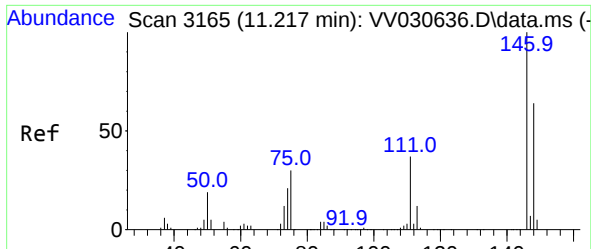
Tgt Ion:105 Resp: 304
Ion Ratio Lower Upper
105 100
120 47.0 36.2 54.4



#64
1,3-Dichlorobenzene
Concen: 200914.393 ug/L
RT: 11.149 min Scan# 3144
Delta R.T. 0.026 min
Lab File: VV030651.D
Acq: 19 Apr 2023 05:02

Tgt Ion:146 Resp: 8274485
Ion Ratio Lower Upper
146 100
111 40.8 27.0 50.2
148 65.1 44.8 83.2

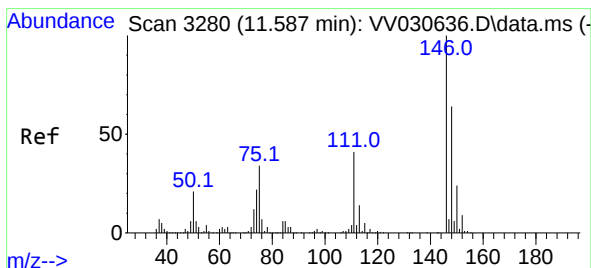
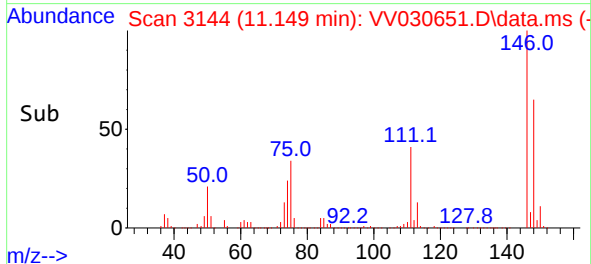
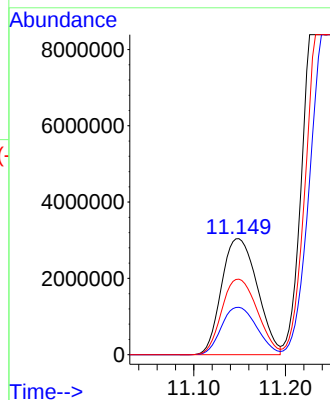
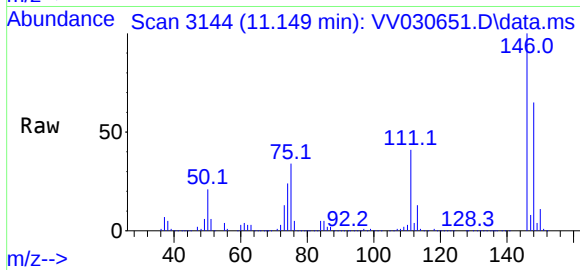




#65
1,4-Dichlorobenzene
Concen: 190531.740 ug/L
RT: 11.149 min Scan# 3165
Delta R.T. -0.068 min
Lab File: VV030651.D
Acq: 19 Apr 2023 05:02

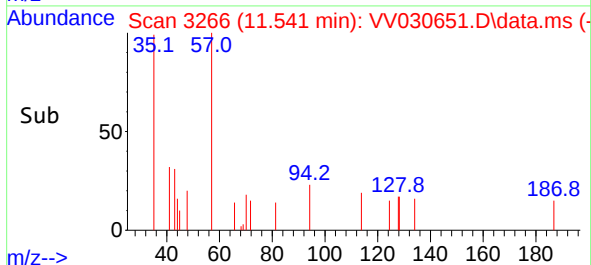
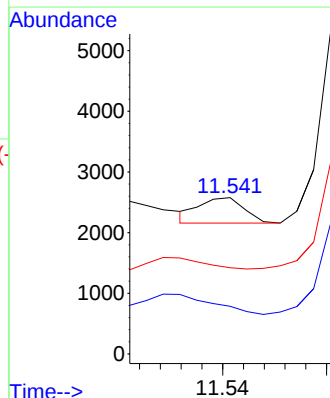
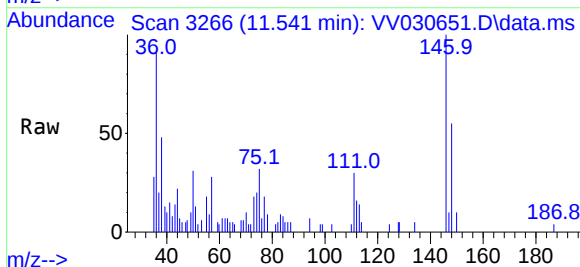
Instrument :
MSVOA_V
ClientSampleId :
COMP2

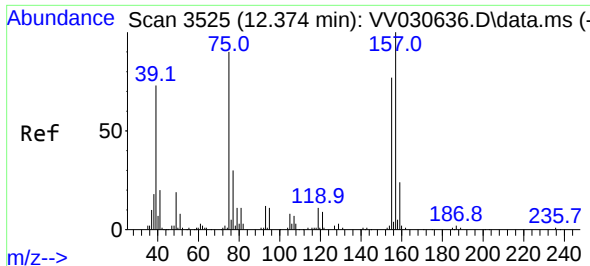
Tgt Ion:146 Resp: 8274485
Ion Ratio Lower Upper
146 100
111 40.8 26.5 49.1
148 65.1 44.7 83.1



#67
1,2-Dichlorobenzene
Concen: 6.041 ug/L
RT: 11.541 min Scan# 3266
Delta R.T. -0.045 min
Lab File: VV030651.D
Acq: 19 Apr 2023 05:02

Tgt Ion:146 Resp: 251
Ion Ratio Lower Upper
146 100
111 30.5 32.0 48.0#
148 55.2 50.6 76.0

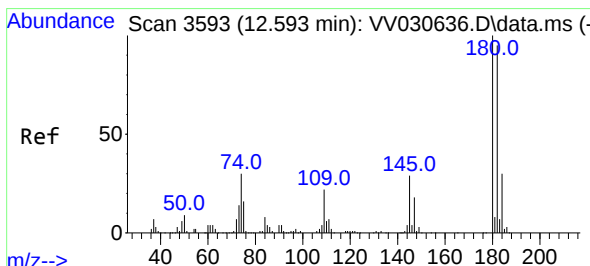
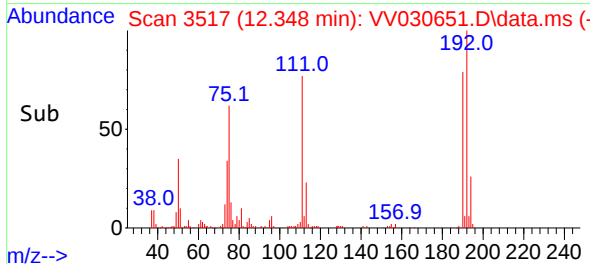
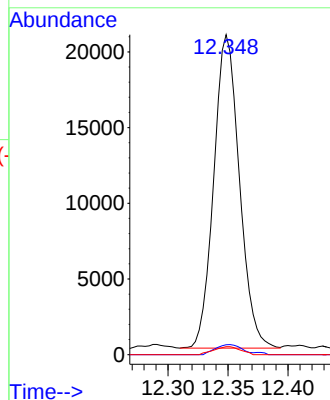
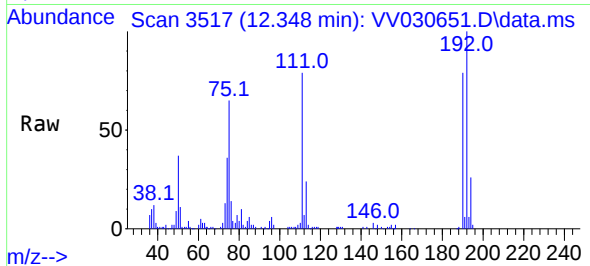




#68
1,2-Dibromo-3-chloropropane
Concen: 4395.544 ug/L
RT: 12.348 min Scan# 31
Delta R.T. -0.026 min
Lab File: VV030651.D
Acq: 19 Apr 2023 05:02

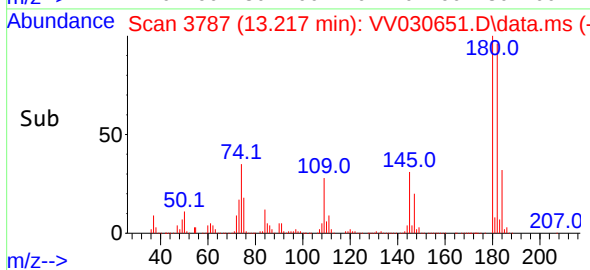
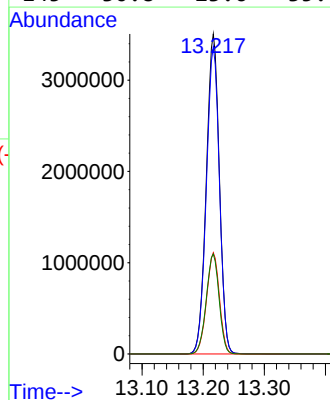
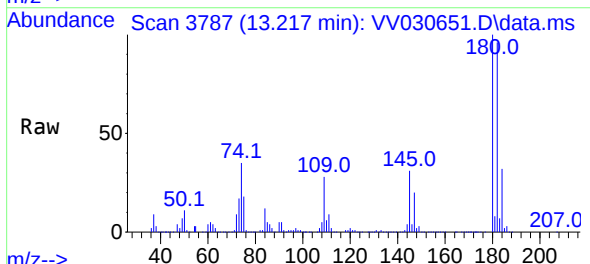
Instrument :
MSVOA_V
ClientSampleId :
COMP2

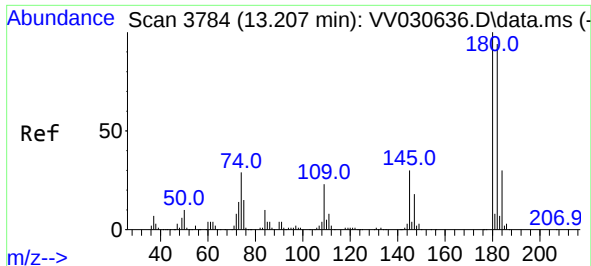
Tgt Ion: 75 Resp: 30765
Ion Ratio Lower Upper
75 100
155 3.8 65.0 97.6#
157 2.5 84.4 126.6#



#69
1,3,5-Trichlorobenzene
Concen: 167050.499 ug/L
RT: 13.217 min Scan# 3787
Delta R.T. 0.624 min
Lab File: VV030651.D
Acq: 19 Apr 2023 05:02

Tgt Ion:180 Resp: 5197063
Ion Ratio Lower Upper
180 100
182 96.1 76.4 114.6
184 31.3 24.1 36.1
145 30.8 23.6 35.4

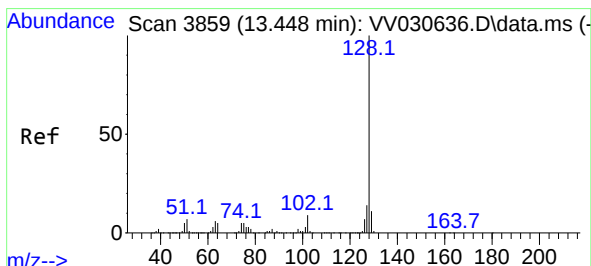
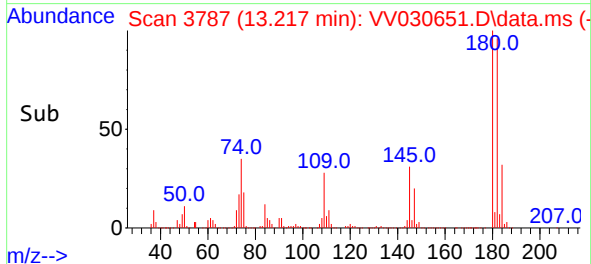
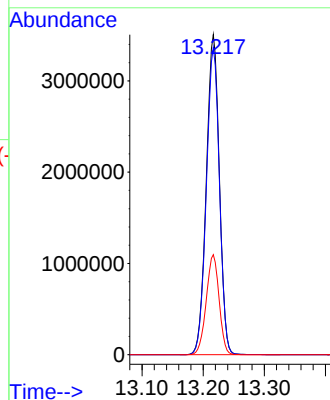
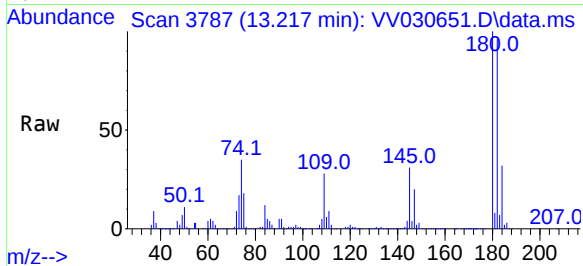




#70
1,2,4-trichlorobenzene
Concen: 196748.219 ug/L
RT: 13.217 min Scan# 31
Delta R.T. 0.009 min
Lab File: VV030651.D
Acq: 19 Apr 2023 05:02

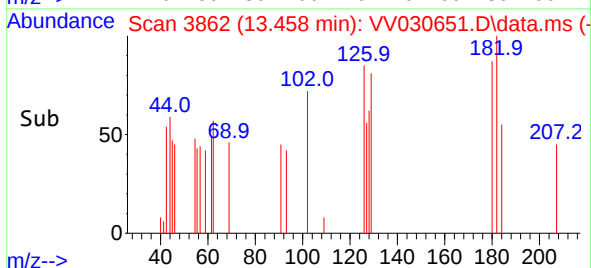
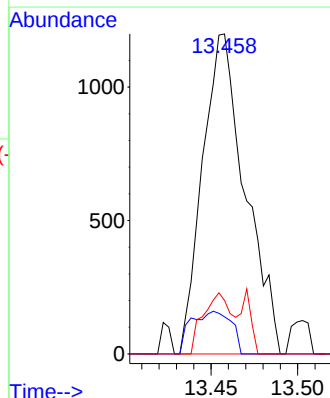
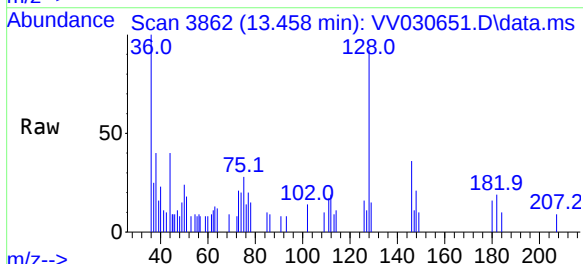
Instrument :
MSVOA_V
ClientSampleId :
COMP2

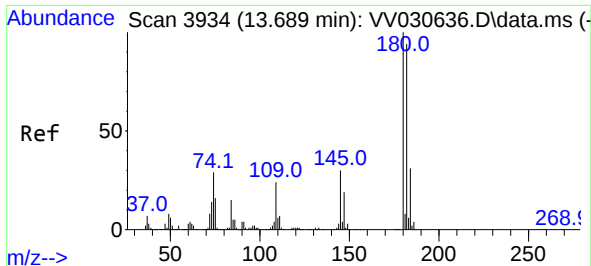
Tgt Ion:180 Resp: 5197063
Ion Ratio Lower Upper
180 100
182 96.1 75.9 113.9
145 30.8 23.4 35.2



#71
Naphthalene
Concen: 28.426 ug/L
RT: 13.458 min Scan# 3862
Delta R.T. 0.009 min
Lab File: VV030651.D
Acq: 19 Apr 2023 05:02

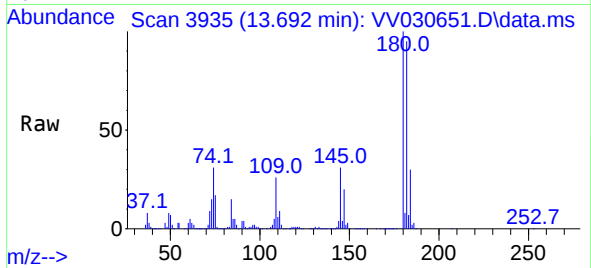
Tgt Ion:128 Resp: 2054
Ion Ratio Lower Upper
128 100
127 7.8 10.7 16.1#
129 12.7 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 42760.491 ug/L
 RT: 13.692 min Scan# 3935
 Delta R.T. 0.003 min
 Lab File: VV030651.D
 Acq: 19 Apr 2023 05:02

Instrument :
 MSVOA_V
 ClientSampleId :
 COMP2



Tgt Ion:180 Resp: 1120023

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.2	114.4
145	31.5	25.1	37.7

