

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060222\
 Data File : VY009124.D
 Acq On : 02 Jun 2022 13:54
 Operator : KP/MD
 Sample : N3099-02
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220420-COMPOSITE-I

Quant Time: Jun 03 03:11:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

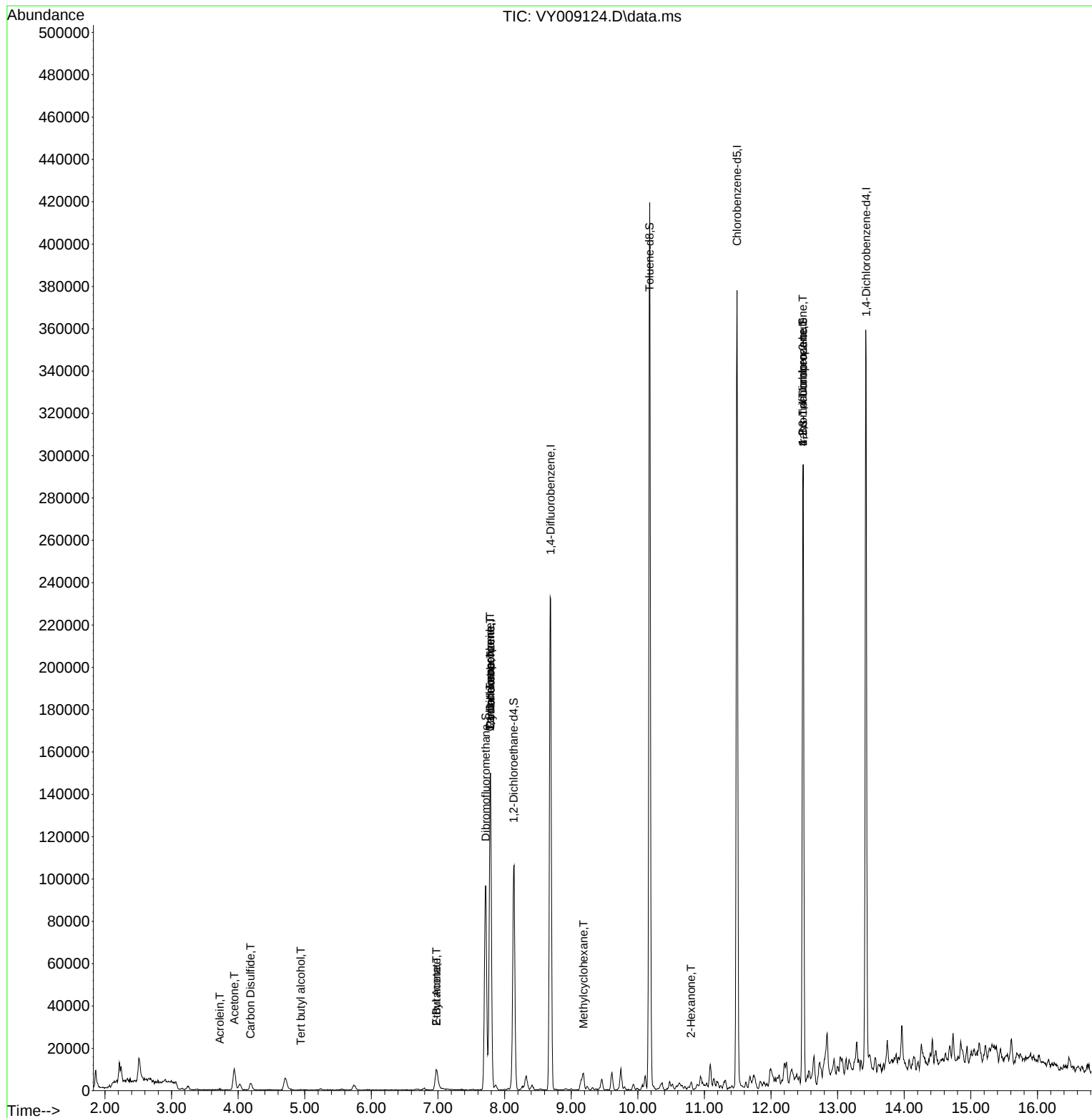
Internal Standards						
1) Pentafluorobenzene	7.789	168	113664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	202316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	191232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83955	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	77513	66.261	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 132.520%			
35) Dibromofluoromethane	7.716	113	65963	52.431	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.860%			
50) Toluene-d8	10.179	98	254218	54.774	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.540%			
62) 4-Bromofluorobenzene	12.477	95	75522	40.338	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 80.680%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.942	59	382	3.219	ug/l #	77
13) Acrolein	3.723	56	124	3.175	ug/l #	14
16) Acetone	3.942	43	16548	67.958	ug/l	99
17) Carbon Disulfide	4.186	76	4391	1.257	ug/l #	83
20) Methylene Chloride	4.704	84	3899	Below Cal	#	78
25) 2-Butanone	6.978	43	3463	7.962	ug/l	93
31) Cyclohexane	7.789	56	3469	1.516	ug/l #	34
36) 1,1-Dichloropropene	7.783	75	10024	4.682	ug/l #	50
37) Ethyl Acetate	6.978	43	3463	3.118	ug/l #	83
38) Carbon Tetrachloride	7.783	117	11573	5.167	ug/l #	14
39) Methylcyclohexane	9.185	83	3134	1.134	ug/l	91
59) 2-Hexanone	10.801	43	1435	1.834	ug/l #	28
76) 1,2,3-Trichloropropane	12.477	75	44485	49.341	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	44485	101.273	ug/l #	8

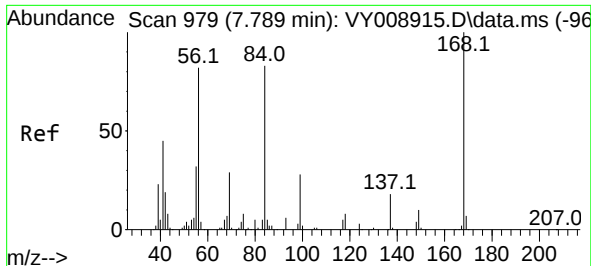
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060222\
Data File : VY009124.D
Acq On : 02 Jun 2022 13:54
Operator : KP/MD
Sample : N3099-02
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20220420-COMPOSITE-I

Quant Time: Jun 03 03:11:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

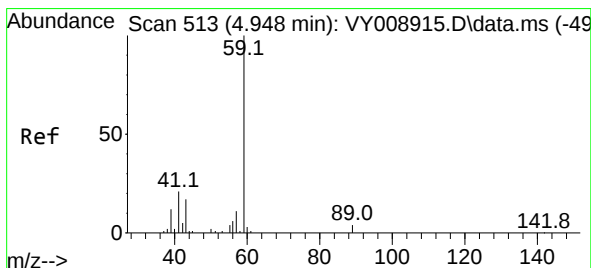
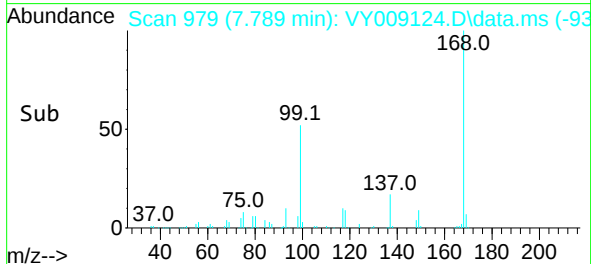
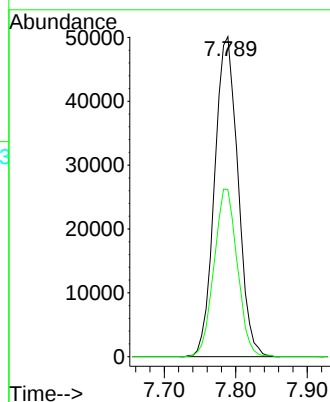
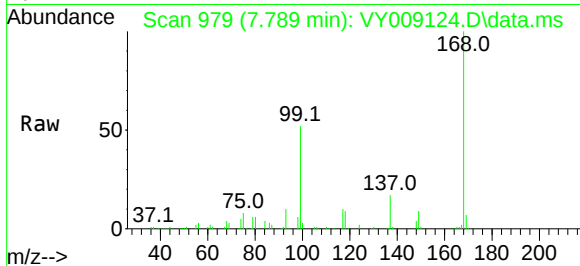




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009124.D
Acq: 02 Jun 2022 13:54

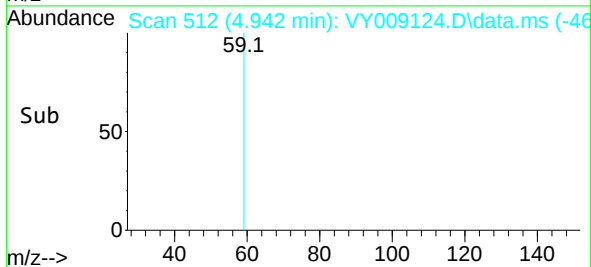
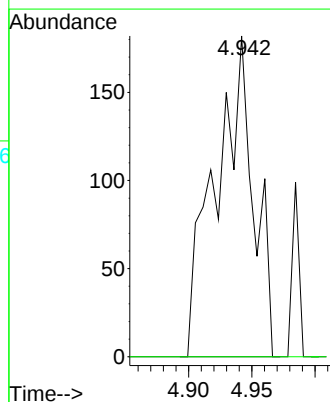
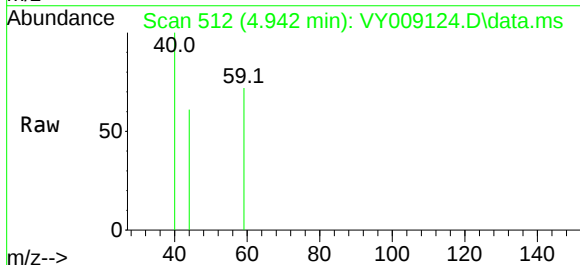
Instrument :
MSVOA_Y
ClientSampleId :
20220420-COMPOSITE-I

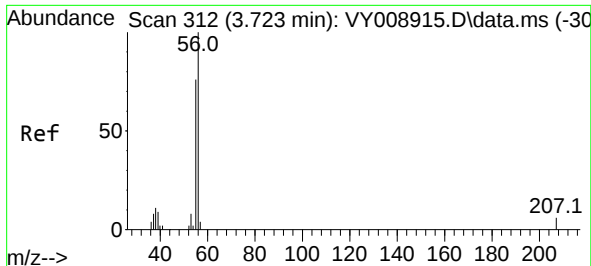
Tgt Ion:168 Resp: 113664
Ion Ratio Lower Upper
168 100
99 52.2 46.9 70.3



#11
Tert butyl alcohol
Concen: 3.219 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY009124.D
Acq: 02 Jun 2022 13:54

Tgt Ion: 59 Resp: 382
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

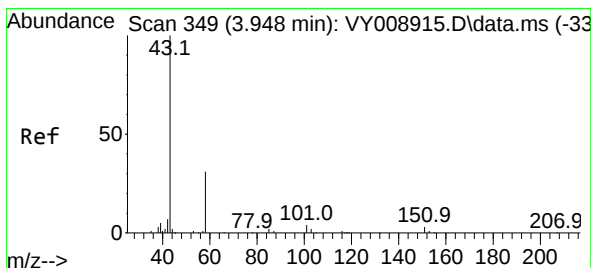
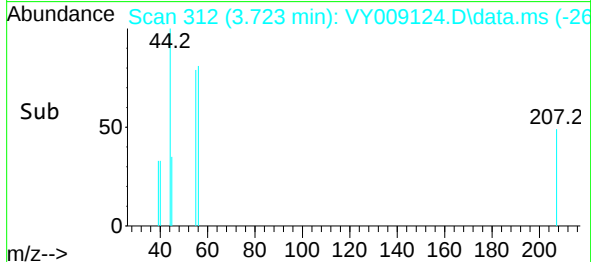
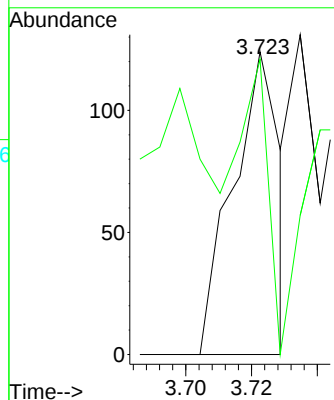
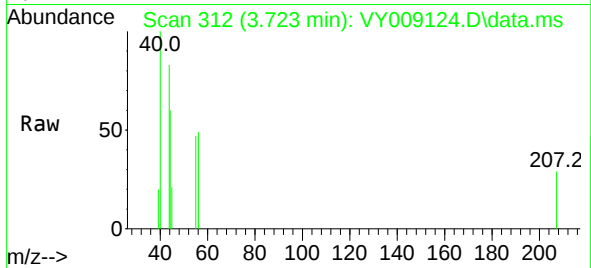




#13
Acrolein
Concen: 3.175 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY009124.D
Acq: 02 Jun 2022 13:54

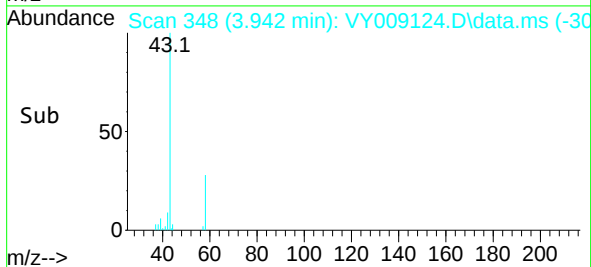
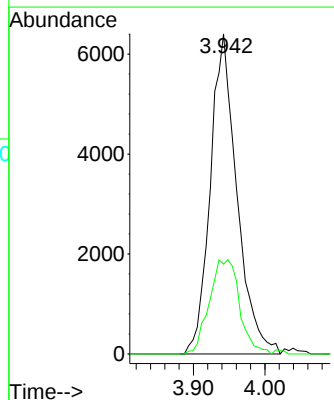
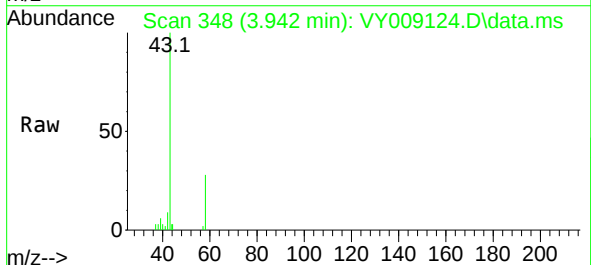
Instrument :
MSVOA_Y
ClientSampleId :
20220420-COMPOSITE-I

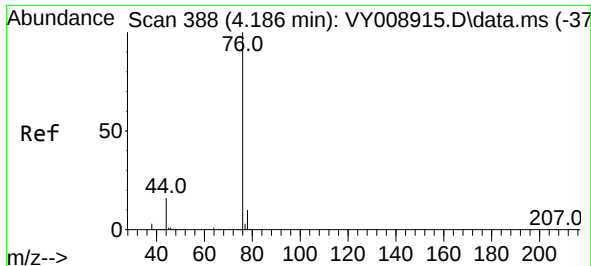
Tgt Ion: 56 Resp: 124
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 67.958 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY009124.D
Acq: 02 Jun 2022 13:54

Tgt Ion: 43 Resp: 16548
Ion Ratio Lower Upper
43 100
58 28.0 22.0 33.0

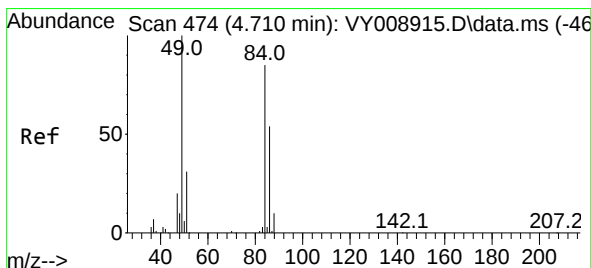
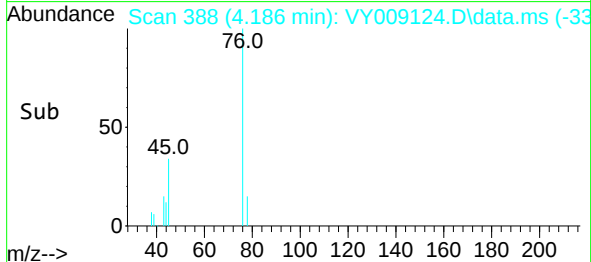
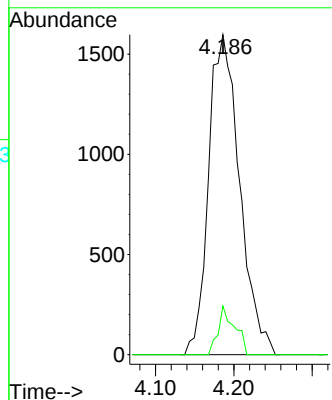
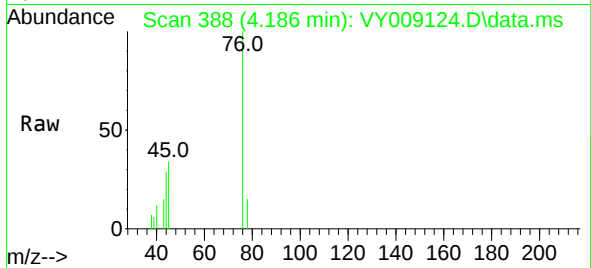




#17
Carbon Disulfide
Concen: 1.257 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY009124.D
Acq: 02 Jun 2022 13:54

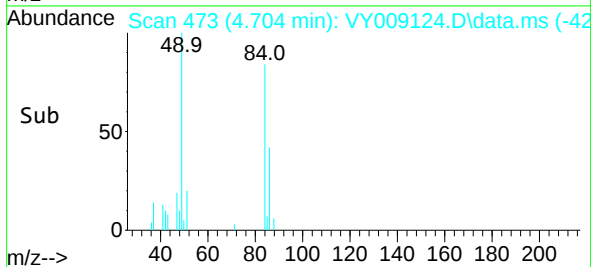
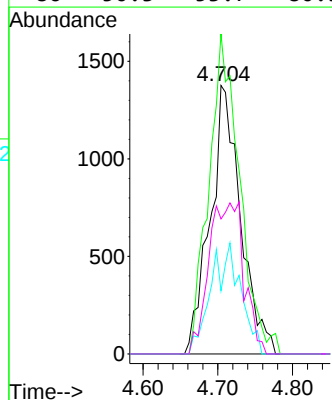
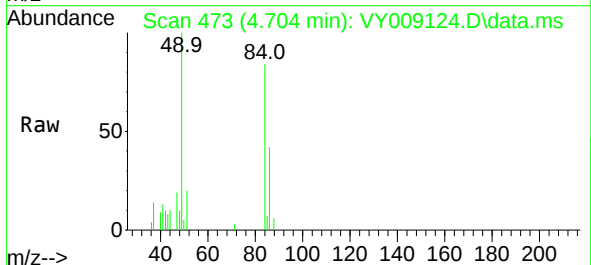
Instrument :
MSVOA_Y
ClientSampleId :
20220420-COMPOSITE-I

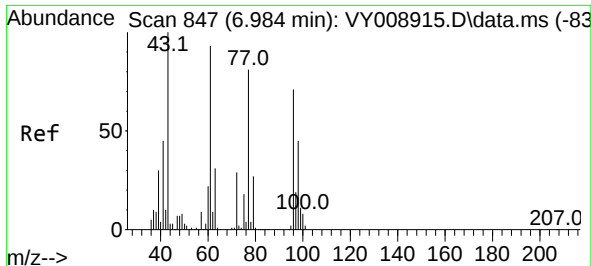
Tgt Ion: 76 Resp: 4391
Ion Ratio Lower Upper
76 100
78 15.2 7.4 11.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY009124.D
Acq: 02 Jun 2022 13:54

Tgt Ion: 84 Resp: 3899
Ion Ratio Lower Upper
84 100
49 119.2 114.4 171.6
51 23.5 35.3 52.9#
86 50.3 53.7 80.5#

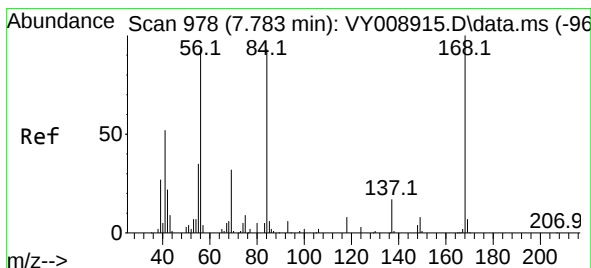
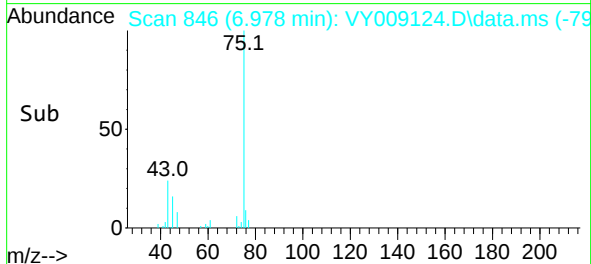
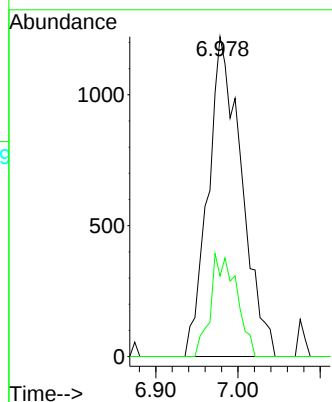
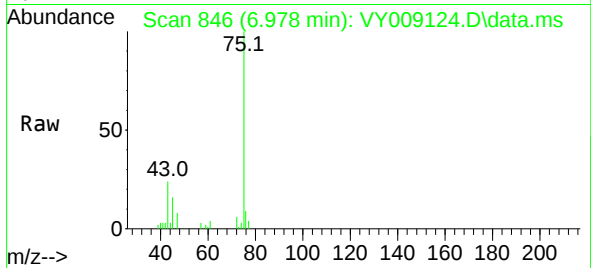




#25
2-Butanone
Concen: 7.962 ug/l
RT: 6.978 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY009124.D
Acq: 02 Jun 2022 13:54

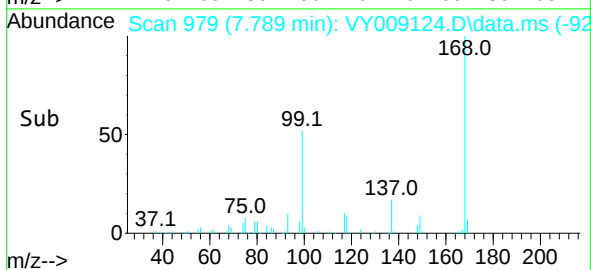
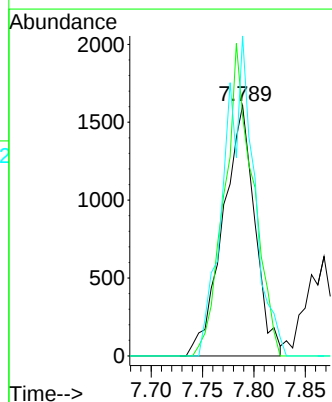
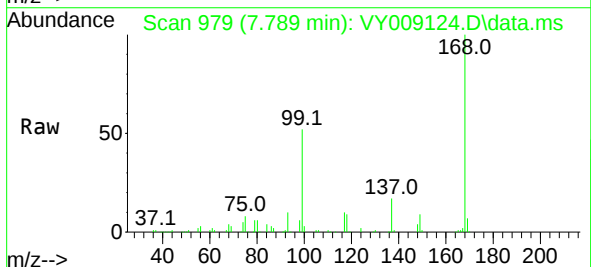
Instrument :
MSVOA_Y
ClientSampleId :
20220420-COMPOSITE-I

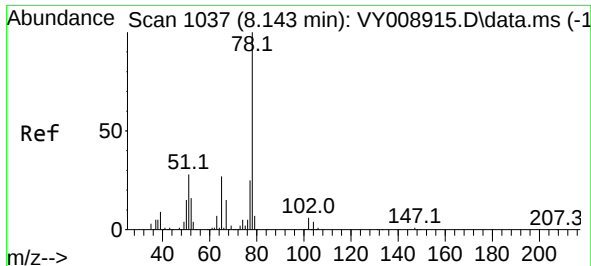
Tgt Ion: 43 Resp: 3463
Ion Ratio Lower Upper
43 100
72 25.2 17.7 26.5



#31
Cyclohexane
Concen: 1.516 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY009124.D
Acq: 02 Jun 2022 13:54

Tgt Ion: 56 Resp: 3469
Ion Ratio Lower Upper
56 100
69 95.8 26.7 40.1#
84 127.8 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 66.261 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.007 min

Lab File: VY009124.D

Acq: 02 Jun 2022 13:54

Instrument :

MSVOA_Y

ClientSampleId :

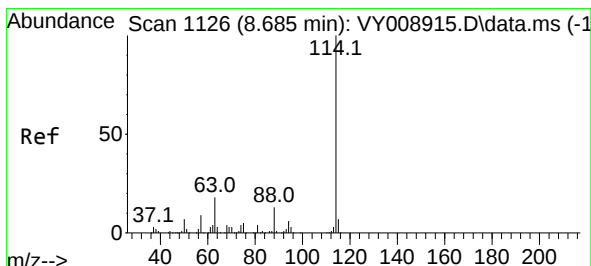
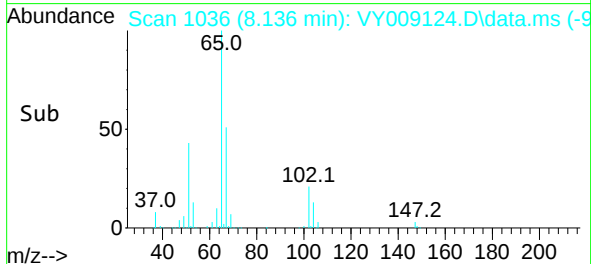
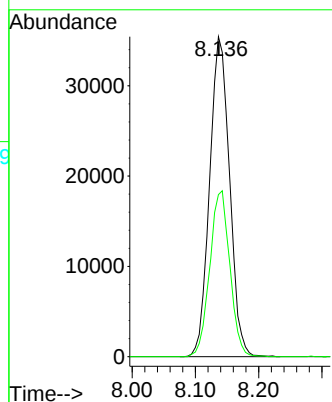
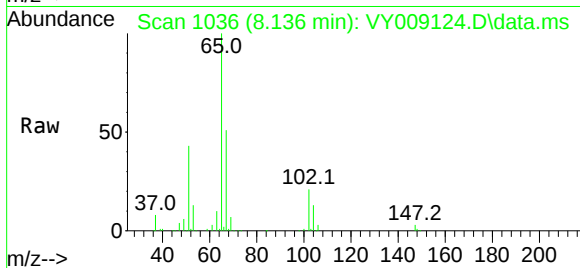
20220420-COMPOSITE-I

Tgt Ion: 65 Resp: 77513

Ion Ratio Lower Upper

65 100

67 52.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY009124.D

Acq: 02 Jun 2022 13:54

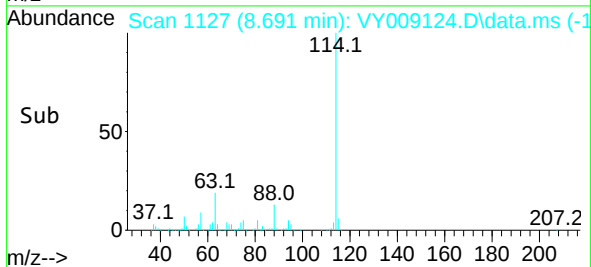
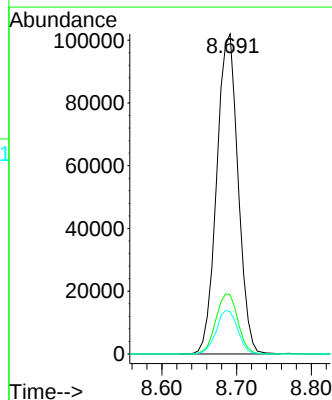
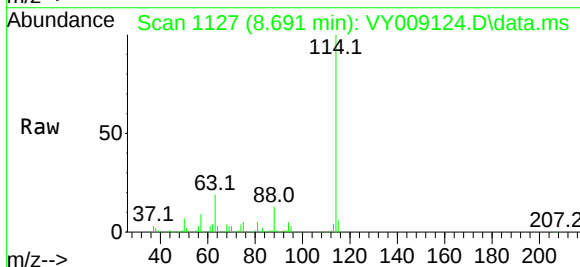
Tgt Ion: 114 Resp: 202316

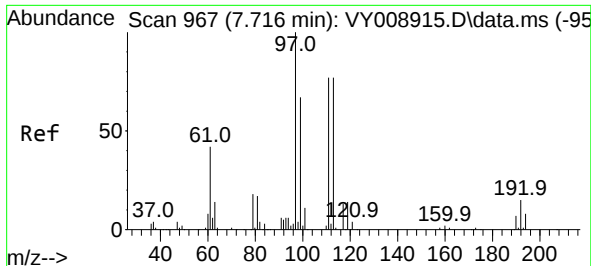
Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 13.2 0.0 31.8

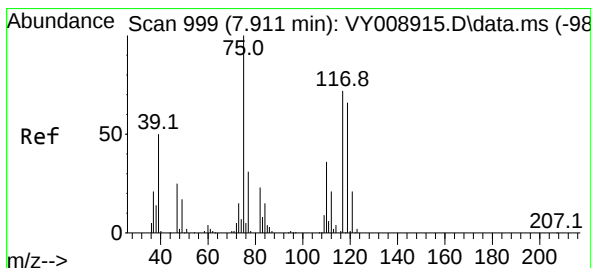
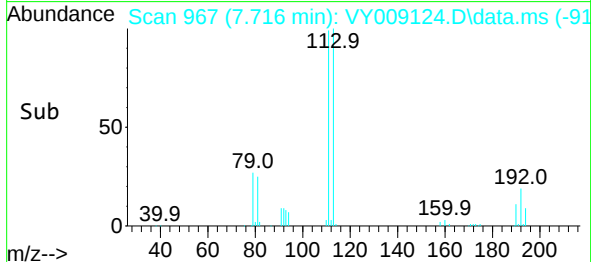
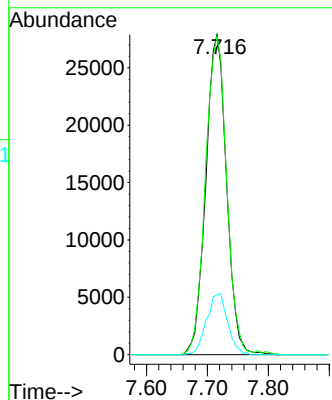
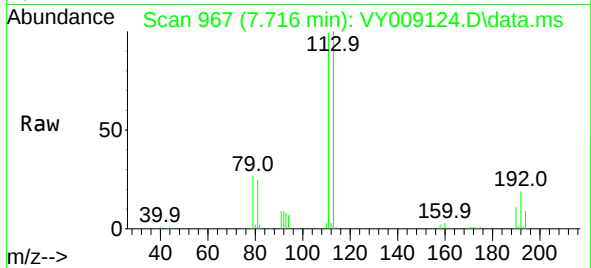




#35
Dibromofluoromethane
Concen: 52.431 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009124.D
Acq: 02 Jun 2022 13:54

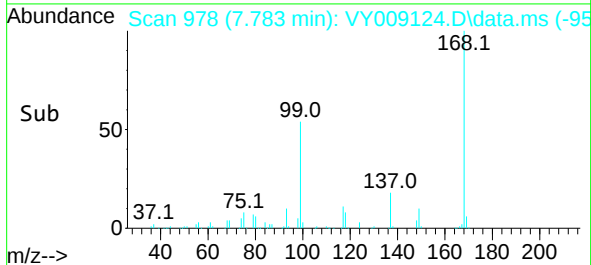
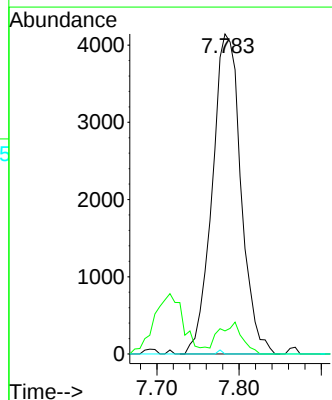
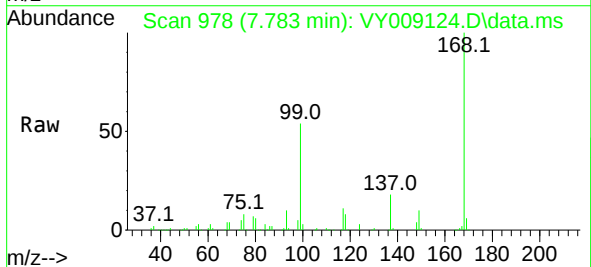
Instrument :
MSVOA_Y
ClientSampleId :
20220420-COMPOSITE-I

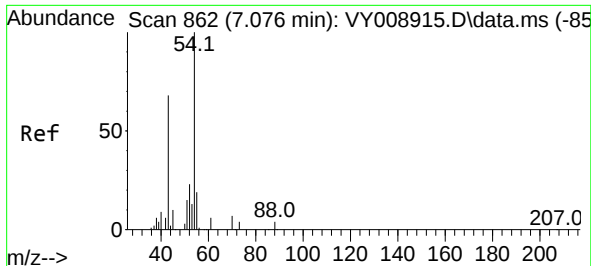
Tgt Ion:113 Resp: 65963
Ion Ratio Lower Upper
113 100
111 101.5 82.6 124.0
192 19.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.682 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009124.D
Acq: 02 Jun 2022 13:54

Tgt Ion: 75 Resp: 10024
Ion Ratio Lower Upper
75 100
110 8.5 17.1 51.2#
77 0.2 24.4 36.6#





#37

Ethyl Acetate

Concen: 3.118 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.098 min

Lab File: VY009124.D

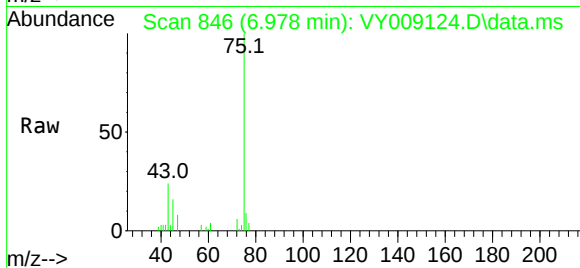
Acq: 02 Jun 2022 13:54

Instrument :

MSVOA_Y

ClientSampleId :

20220420-COMPOSITE-I



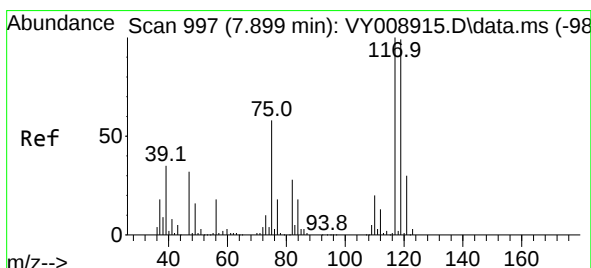
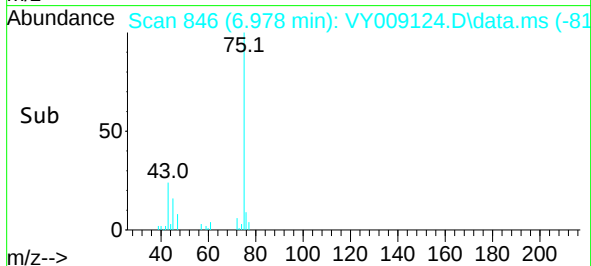
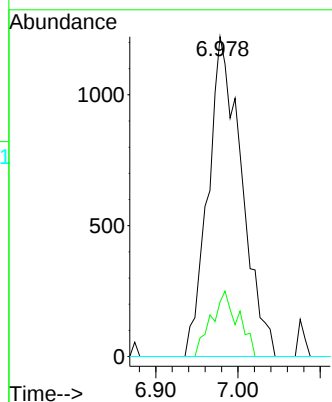
Tgt Ion: 43 Resp: 3463

Ion Ratio Lower Upper

43 100

61 16.5 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.167 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY009124.D

Acq: 02 Jun 2022 13:54

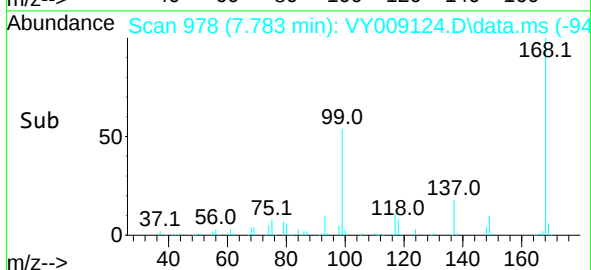
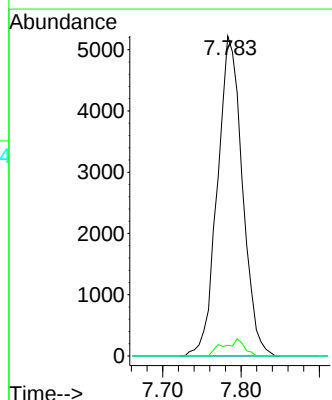
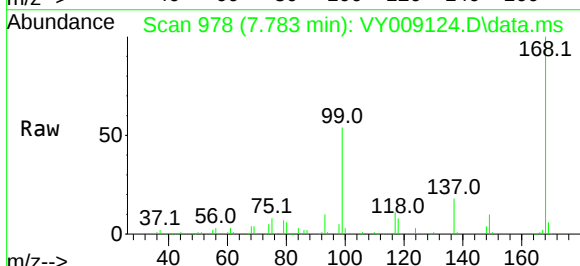
Tgt Ion: 117 Resp: 11573

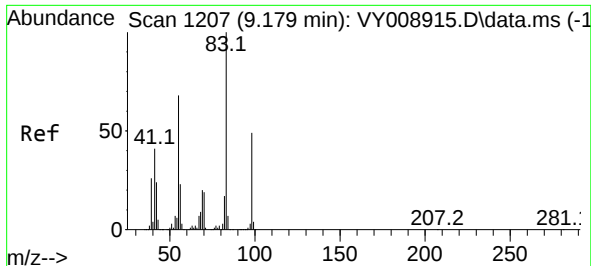
Ion Ratio Lower Upper

117 100

119 3.3 77.9 116.9#

121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 1.134 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. 0.006 min

Lab File: VY009124.D

Acq: 02 Jun 2022 13:54

Instrument :

MSVOA_Y

ClientSampleId :

20220420-COMPOSITE-I

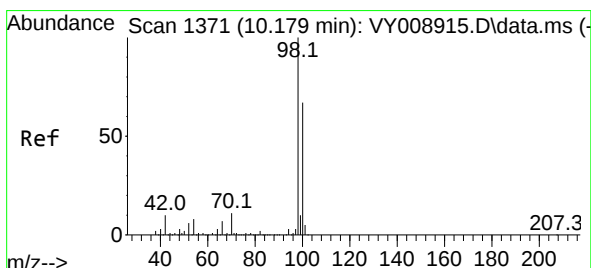
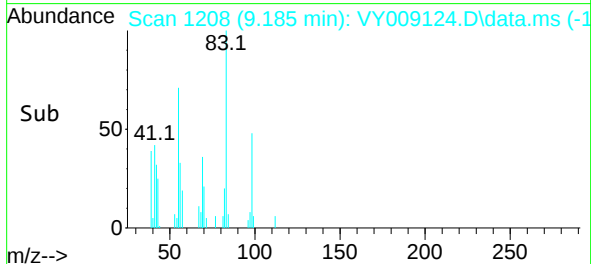
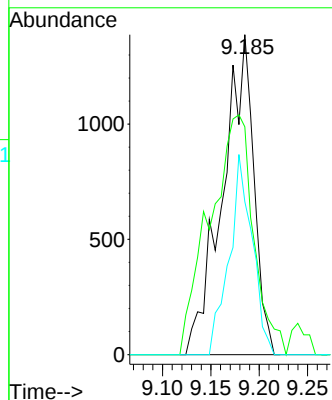
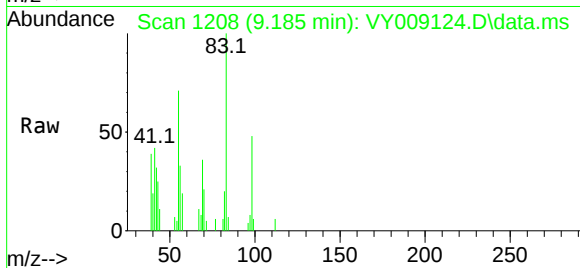
Tgt Ion: 83 Resp: 3134

Ion Ratio Lower Upper

83 100

55 71.2 66.5 99.7

98 47.8 37.9 56.9



#50

Toluene-d8

Concen: 54.774 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY009124.D

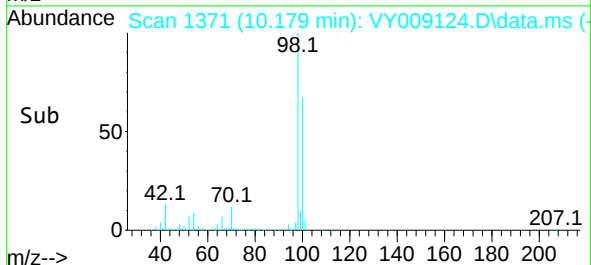
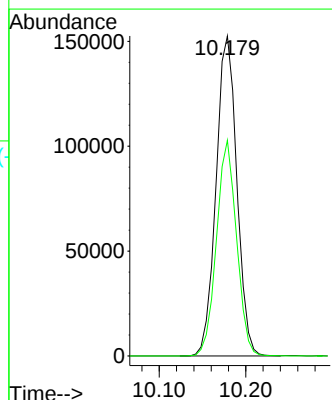
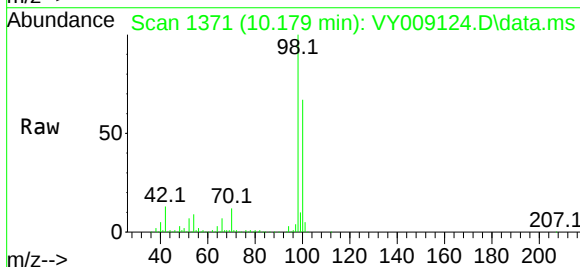
Acq: 02 Jun 2022 13:54

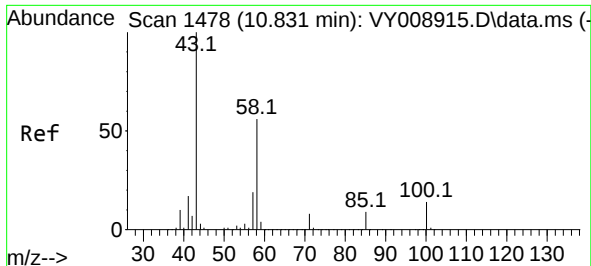
Tgt Ion: 98 Resp: 254218

Ion Ratio Lower Upper

98 100

100 65.1 50.2 75.2

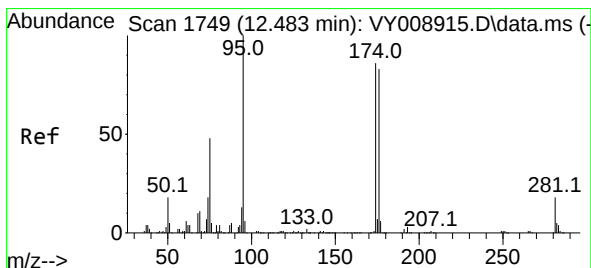
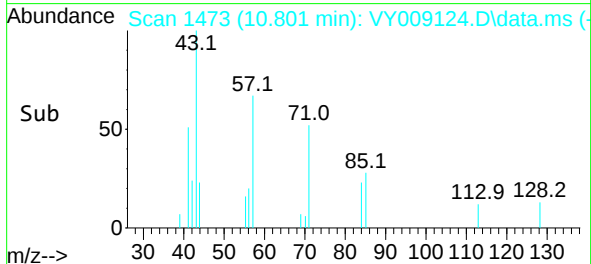
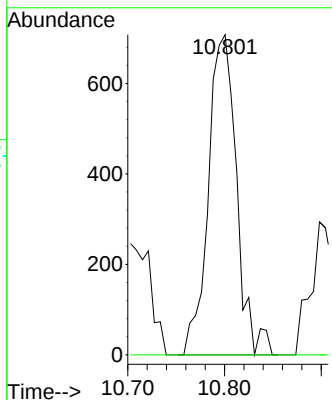
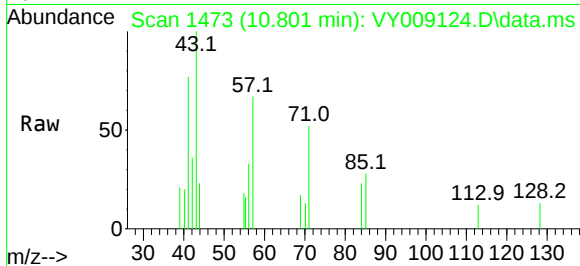




#59
2-Hexanone
Concen: 1.834 ug/l
RT: 10.801 min Scan# 1478
Delta R.T. -0.030 min
Lab File: VY009124.D
Acq: 02 Jun 2022 13:54

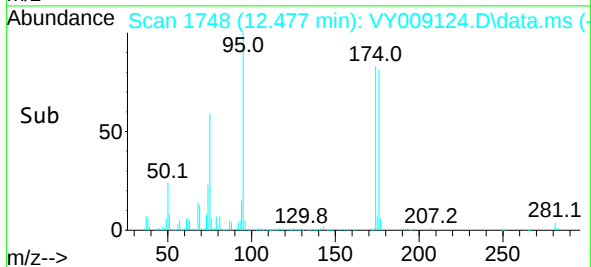
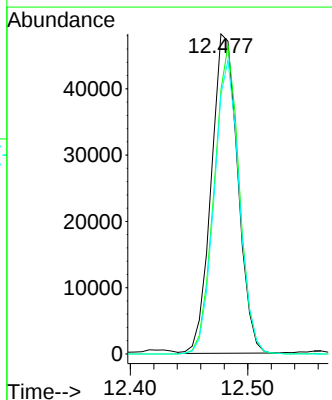
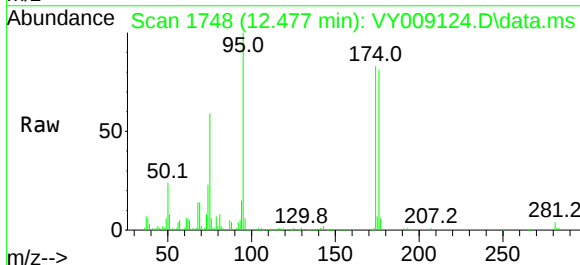
Instrument :
MSVOA_Y
ClientSampleId :
20220420-COMPOSITE-I

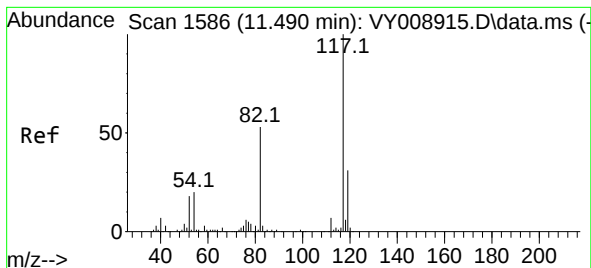
Tgt Ion: 43 Resp: 1435
Ion Ratio Lower Upper
43 100
58 0.0 24.4 73.4#



#62
4-Bromofluorobenzene
Concen: 40.338 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009124.D
Acq: 02 Jun 2022 13:54

Tgt Ion: 95 Resp: 75522
Ion Ratio Lower Upper
95 100
174 91.2 0.0 177.0
176 87.0 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY009124.D

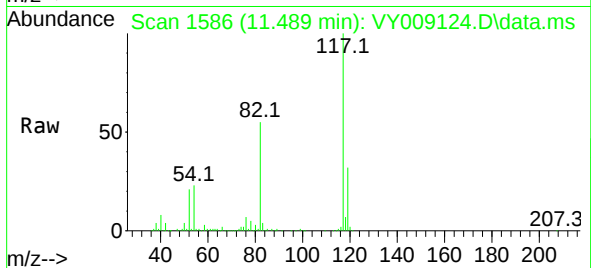
Acq: 02 Jun 2022 13:54

Instrument :

MSVOA_Y

ClientSampleId :

20220420-COMPOSITE-I



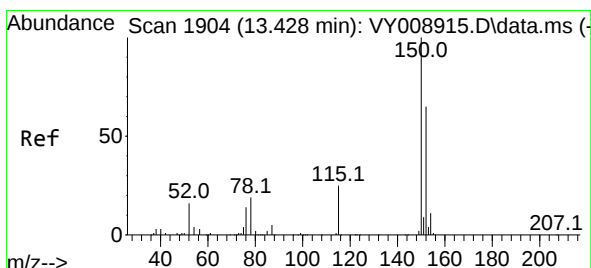
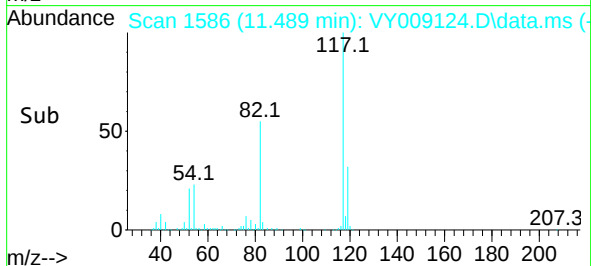
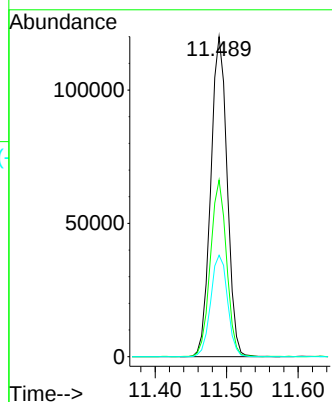
Tgt Ion:117 Resp: 191232

Ion Ratio Lower Upper

117 100

82 55.1 43.0 64.4

119 31.7 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY009124.D

Acq: 02 Jun 2022 13:54

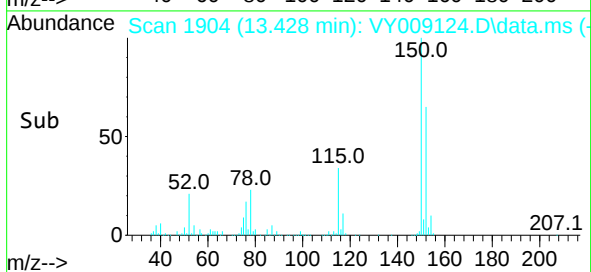
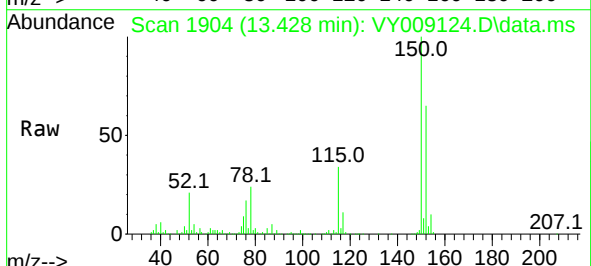
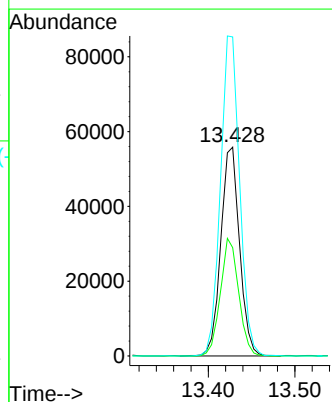
Tgt Ion:152 Resp: 83955

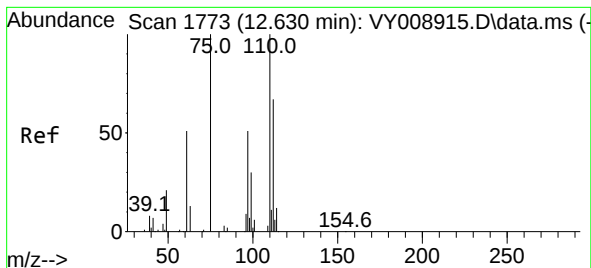
Ion Ratio Lower Upper

152 100

115 54.9 28.2 84.7

150 156.4 0.0 347.6





#76

1,2,3-Trichloropropane

Concen: 49.341 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY009124.D

Acq: 02 Jun 2022 13:54

Instrument :

MSVOA_Y

ClientSampleId :

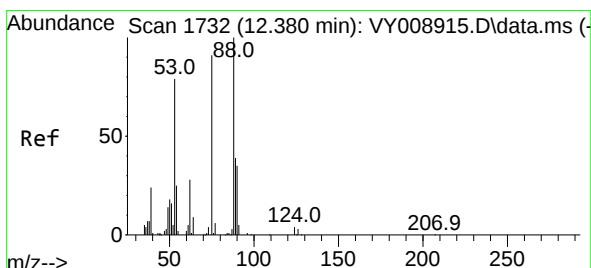
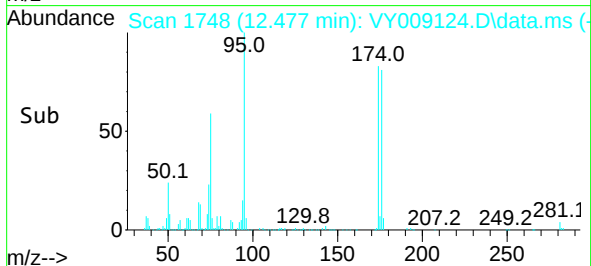
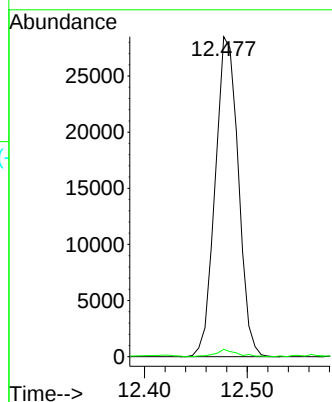
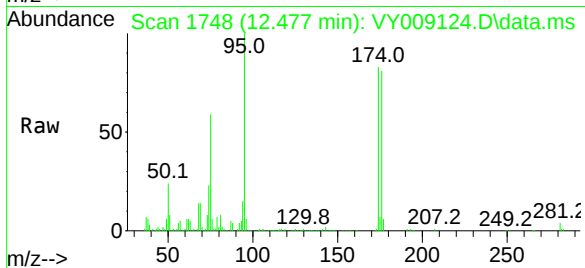
20220420-COMPOSITE-I

Tgt Ion: 75 Resp: 44485

Ion Ratio Lower Upper

75 100

77 2.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 101.273 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.097 min

Lab File: VY009124.D

Acq: 02 Jun 2022 13:54

Tgt Ion: 75 Resp: 44485

Ion Ratio Lower Upper

75 100

53 0.8 85.3 127.9#

89 0.0 37.0 55.4#

