

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071222\
 Data File : VY009536.D
 Acq On : 12 Jul 2022 16:42
 Operator : KP/MD
 Sample : N3597-03
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220508-COMPOSITE-C

Quant Time: Jul 13 01:16:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

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

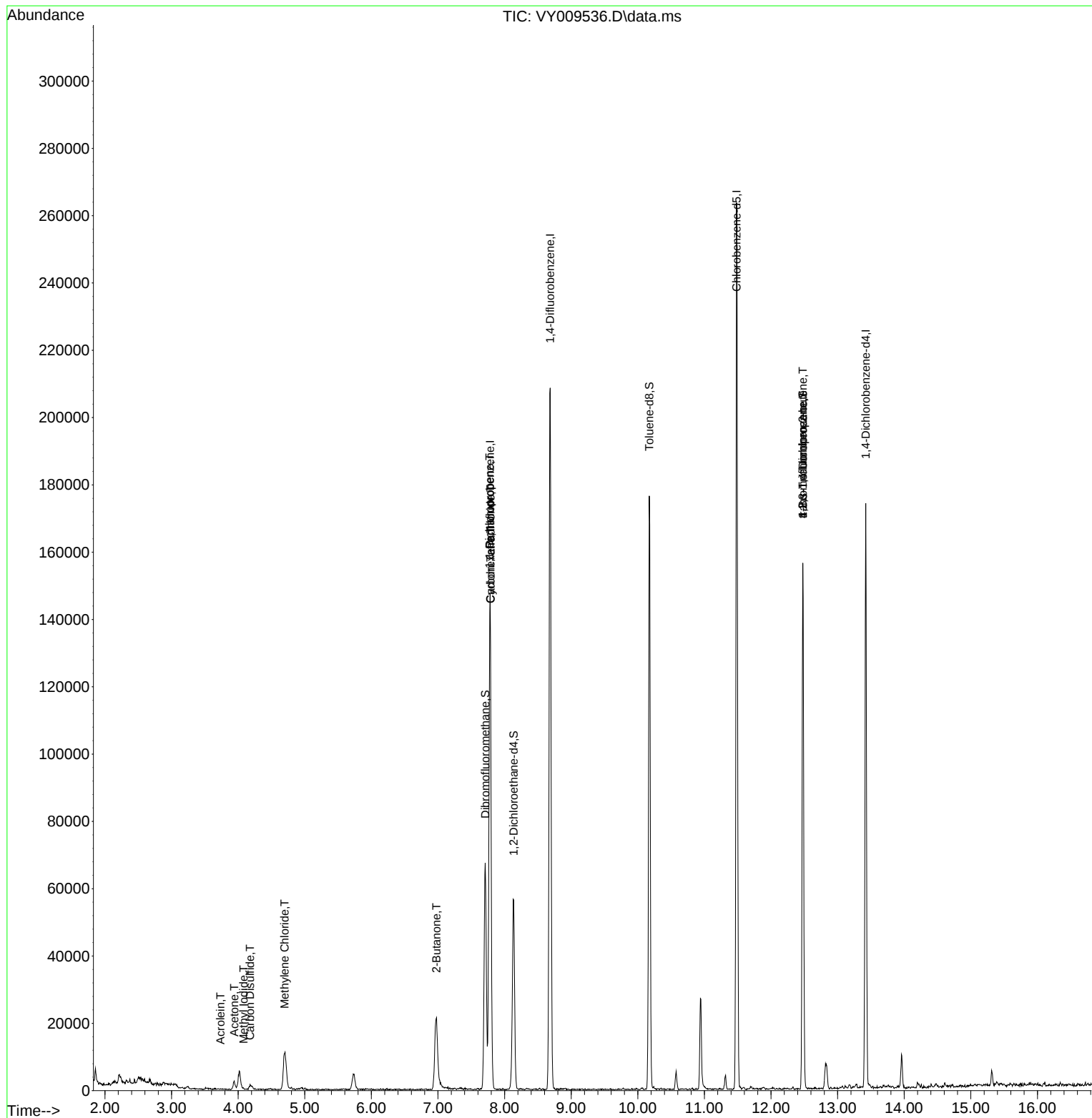
Internal Standards						
1) Pentafluorobenzene	7.783	168	117122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	183763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	140205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	43842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	43260	52.797	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.600%
35) Dibromofluoromethane	7.710	113	45607	47.168	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.340%
50) Toluene-d8	10.173	98	114637	41.932	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	83.860%
62) 4-Bromofluorobenzene	12.477	95	42262	30.964	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	61.920%
Target Compounds			Qvalue			
10) Methyl Iodide	4.082	142	128	4.247	ug/l #	32
11) Tert butyl alcohol	4.942	59	579	Below Cal	#	77
13) Acrolein	3.735	56	22	30.446	ug/l #	23
16) Acetone	3.942	43	3703	12.997	ug/l	94
17) Carbon Disulfide	4.180	76	1473	4.843	ug/l	99
20) Methylene Chloride	4.698	84	8599	1.820	ug/l #	82
23) Vinyl Acetate	5.808	43	59	Below Cal	#	75
25) 2-Butanone	6.978	43	2319	5.031	ug/l #	86
31) Cyclohexane	7.789	56	2279	1.186	ug/l #	50
36) 1,1-Dichloropropene	7.777	75	9016	5.728	ug/l #	52
38) Carbon Tetrachloride	7.789	117	11140	6.617	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	23284	50.170	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	23284	102.680	ug/l #	7

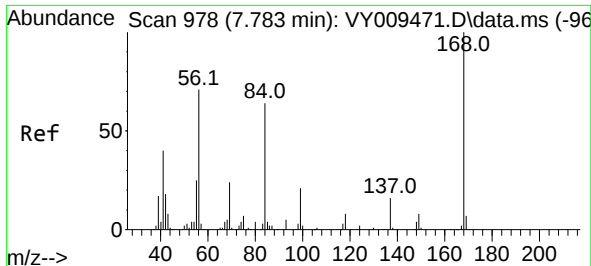
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071222\
Data File : VY009536.D
Acq On : 12 Jul 2022 16:42
Operator : KP/MD
Sample : N3597-03
Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20220508-COMPOSITE-C

Quant Time: Jul 13 01:16:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 08 11:00:56 2022
Response via : Initial Calibration

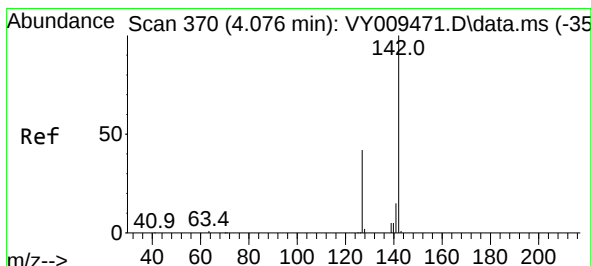
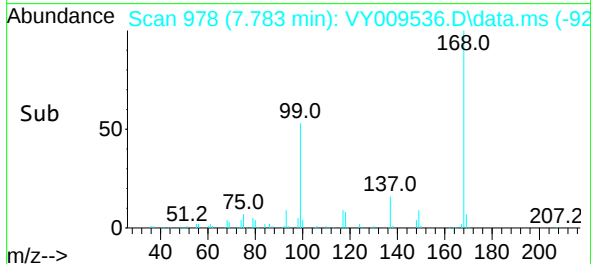
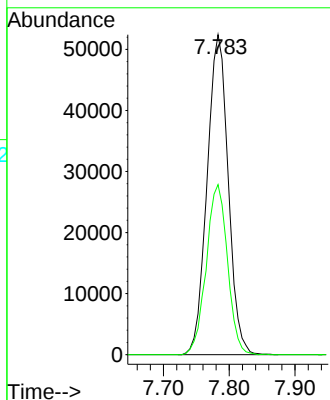
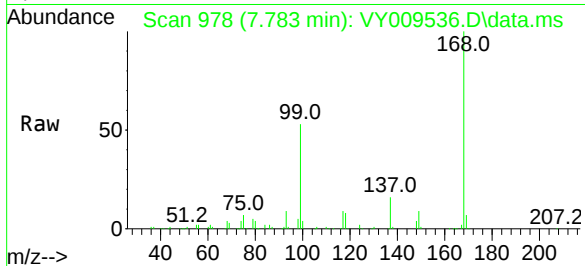




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009536.D
Acq: 12 Jul 2022 16:42

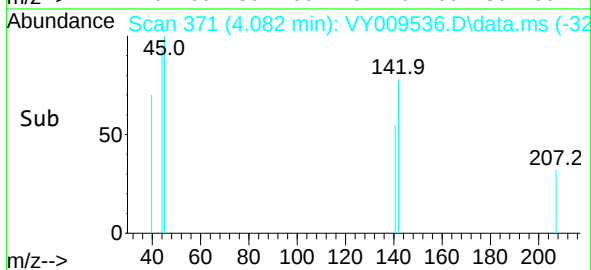
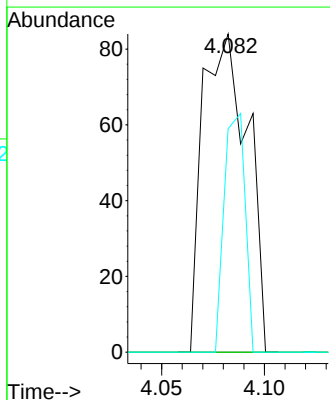
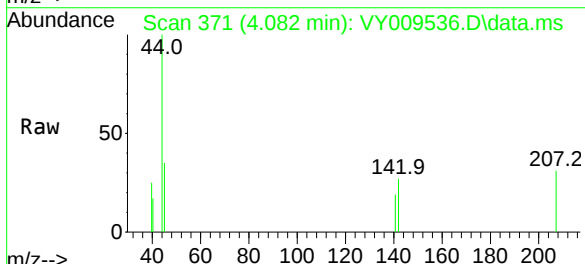
Instrument :
MSVOA_Y
ClientSampleId :
20220508-COMPOSITE-C

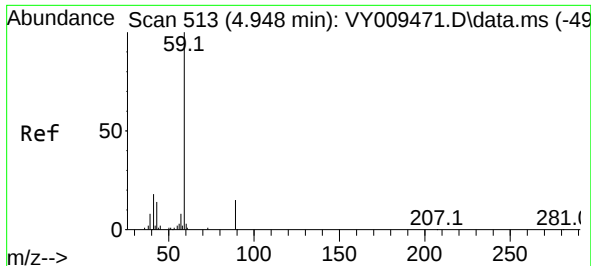
Tgt Ion:168 Resp: 117122
Ion Ratio Lower Upper
168 100
99 53.2 46.9 70.3



#10
Methyl Iodide
Concen: 4.247 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.006 min
Lab File: VY009536.D
Acq: 12 Jul 2022 16:42

Tgt Ion:142 Resp: 128
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 35.2 11.9 17.9#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.942 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY009536.D

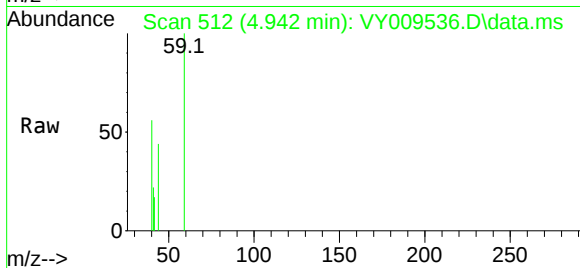
Acq: 12 Jul 2022 16:42

Instrument :

MSVOA_Y

ClientSampleId :

20220508-COMPOSITE-C

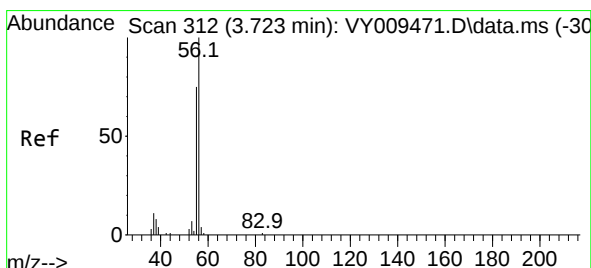
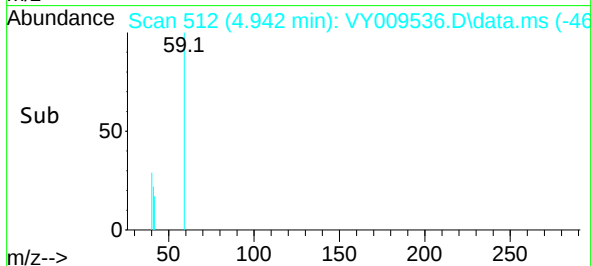
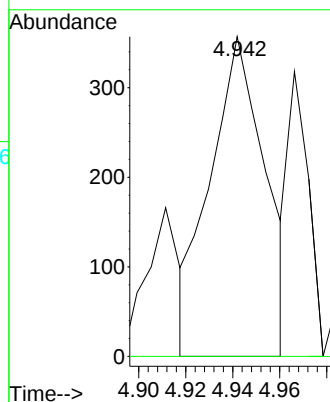


Tgt Ion: 59 Resp: 579

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#13

Acrolein

Concen: 30.446 ug/l

RT: 3.735 min Scan# 314

Delta R.T. 0.012 min

Lab File: VY009536.D

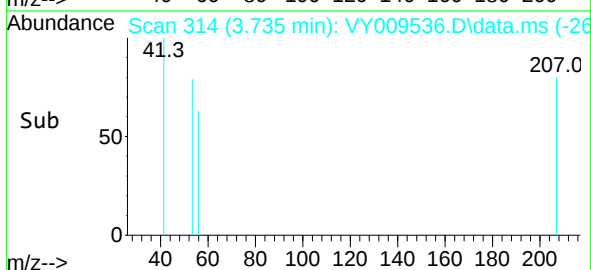
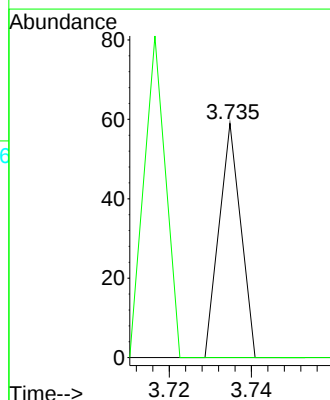
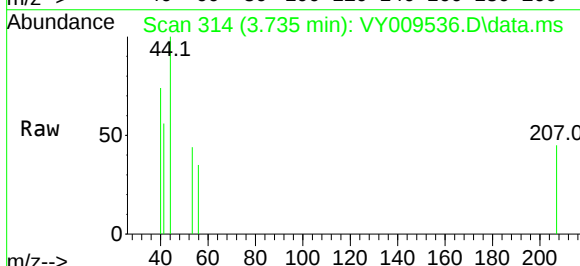
Acq: 12 Jul 2022 16:42

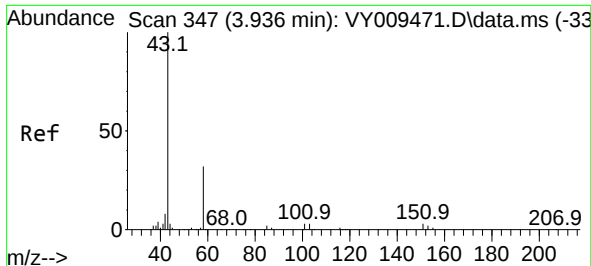
Tgt Ion: 56 Resp: 22

Ion Ratio Lower Upper

56 100

55 136.4 57.6 86.4#

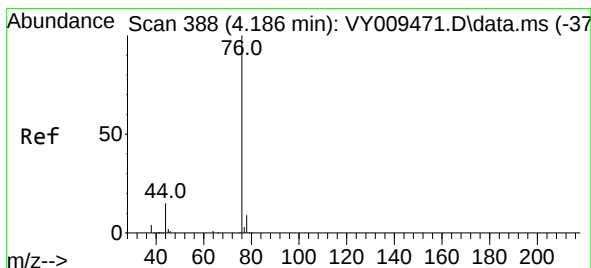
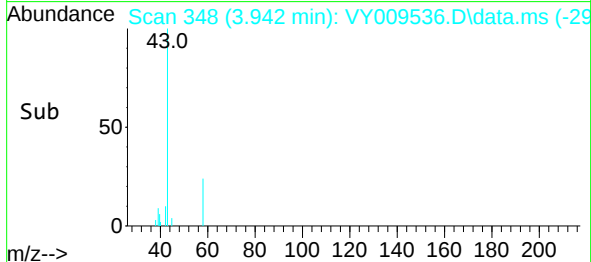
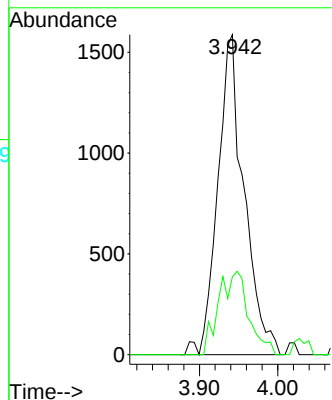
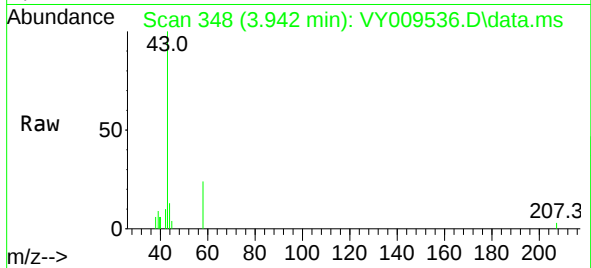




#16
Acetone
Concen: 12.997 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY009536.D
Acq: 12 Jul 2022 16:42

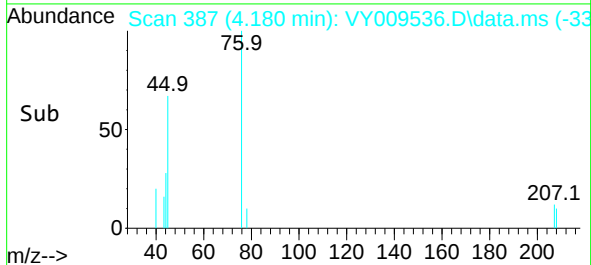
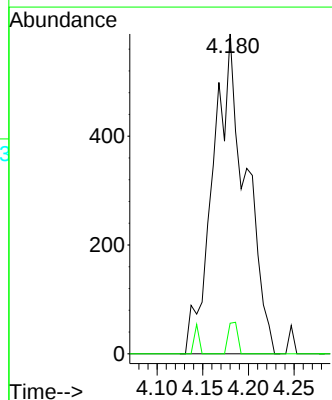
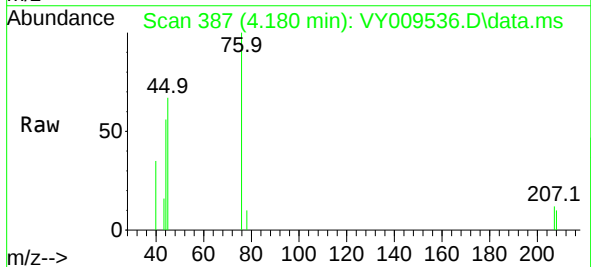
Instrument :
MSVOA_Y
ClientSampleId :
20220508-COMPOSITE-C

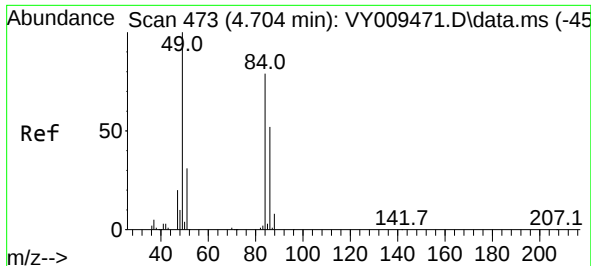
Tgt Ion: 43 Resp: 3703
Ion Ratio Lower Upper
43 100
58 24.3 22.0 33.0



#17
Carbon Disulfide
Concen: 4.843 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.006 min
Lab File: VY009536.D
Acq: 12 Jul 2022 16:42

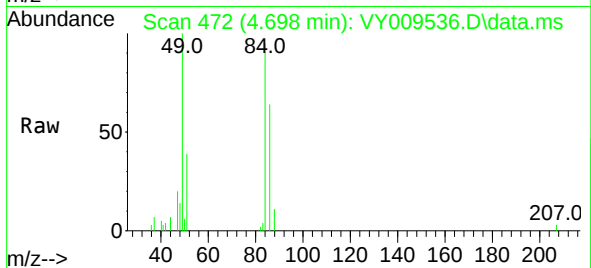
Tgt Ion: 76 Resp: 1473
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



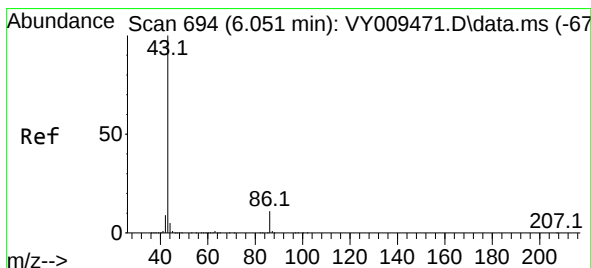
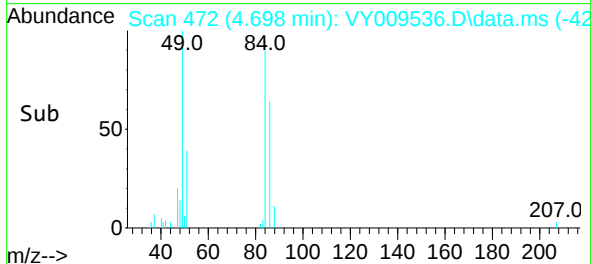
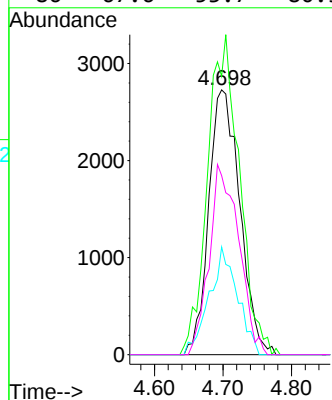


#20
Methylene Chloride
Concen: 1.820 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009536.D
Acq: 12 Jul 2022 16:42

Instrument :
MSVOA_Y
ClientSampleId :
20220508-COMPOSITE-C

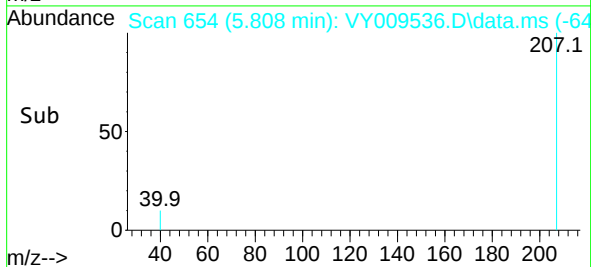
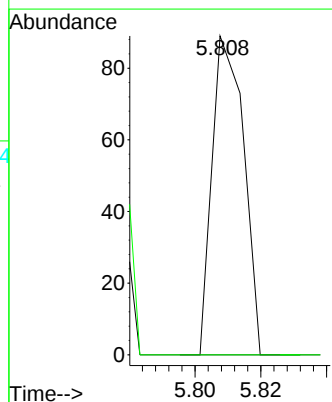
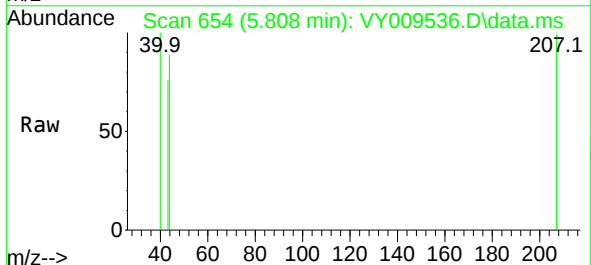


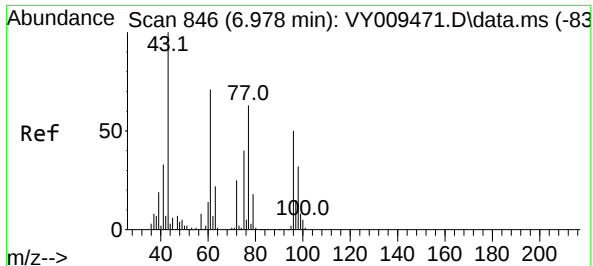
Tgt Ion: 84 Resp: 8599
Ion Ratio Lower Upper
84 100
49 105.1 114.4 171.6#
51 40.6 35.3 52.9
86 67.6 53.7 80.5



#23
Vinyl Acetate
Concen: Below Cal
RT: 5.808 min Scan# 654
Delta R.T. -0.243 min
Lab File: VY009536.D
Acq: 12 Jul 2022 16:42

Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
86 0.0 7.1 10.7#

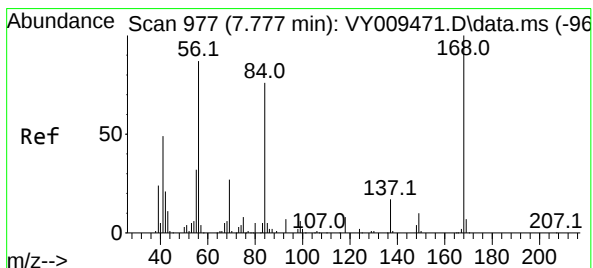
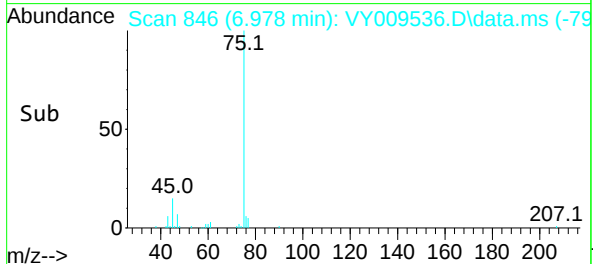
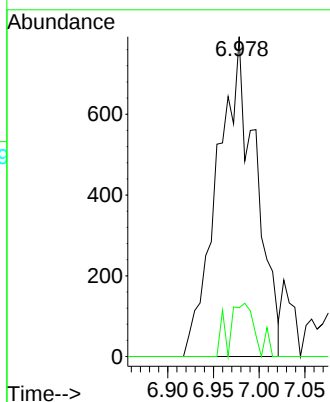
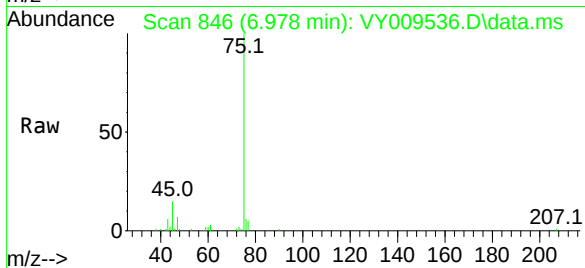




#25
2-Butanone
Concen: 5.031 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009536.D
Acq: 12 Jul 2022 16:42

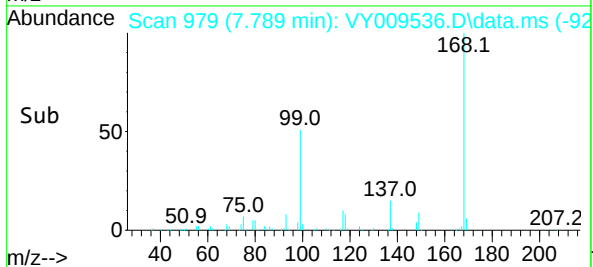
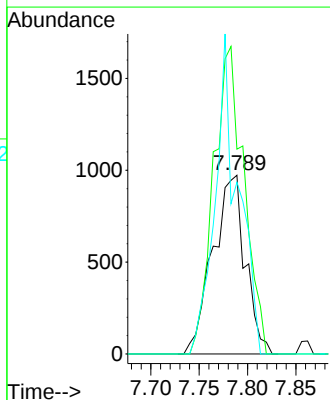
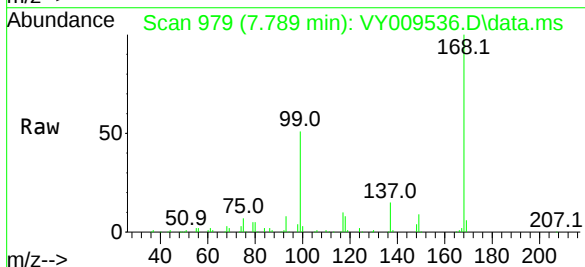
Instrument :
MSVOA_Y
ClientSampleId :
20220508-COMPOSITE-C

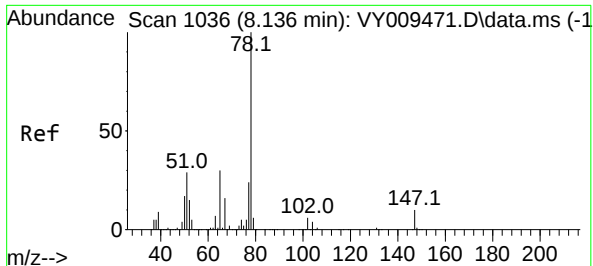
Tgt Ion: 43 Resp: 2319
Ion Ratio Lower Upper
43 100
72 15.3 17.7 26.5#



#31
Cyclohexane
Concen: 1.186 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.012 min
Lab File: VY009536.D
Acq: 12 Jul 2022 16:42

Tgt Ion: 56 Resp: 2279
Ion Ratio Lower Upper
56 100
69 114.6 26.7 40.1#
84 96.1 67.2 100.8

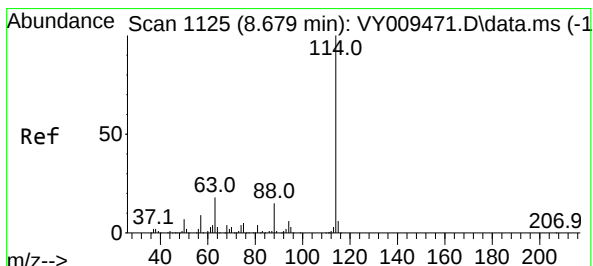
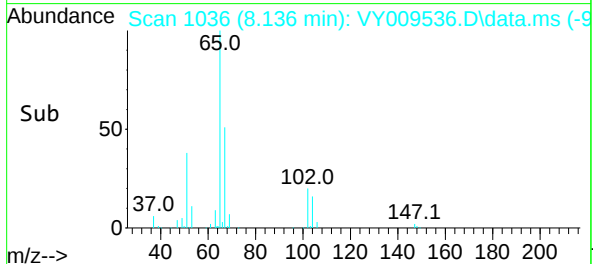
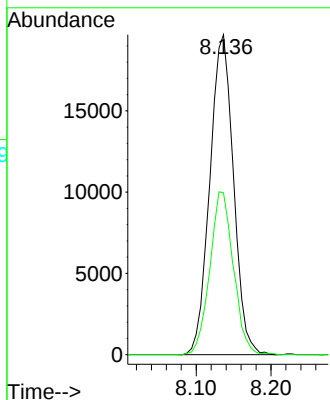
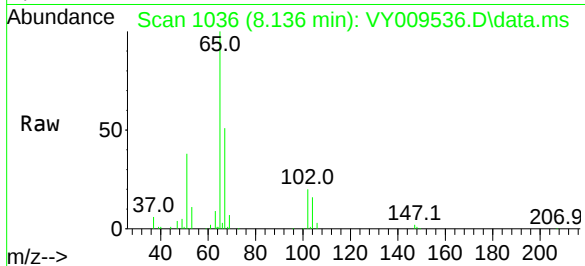




#33
1,2-Dichloroethane-d4
Concen: 52.797 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009536.D
Acq: 12 Jul 2022 16:42

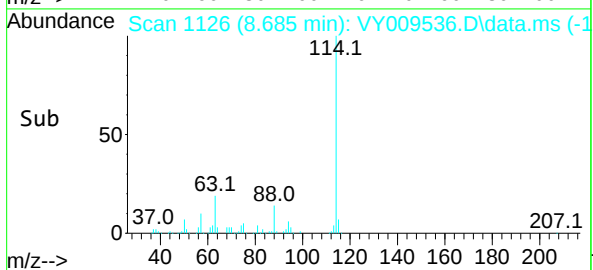
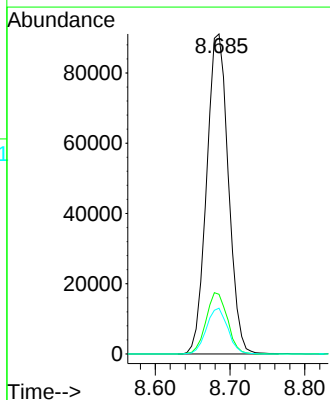
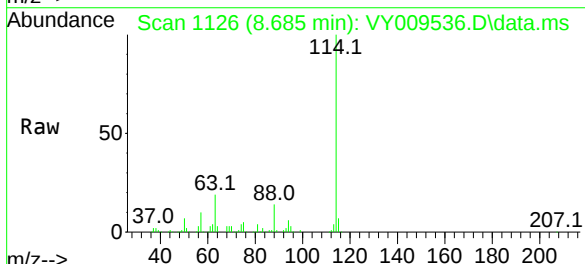
Instrument :
MSVOA_Y
ClientSampleId :
20220508-COMPOSITE-C

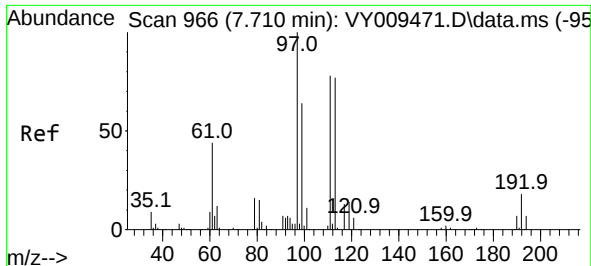
Tgt Ion: 65 Resp: 43260
Ion Ratio Lower Upper
65 100
67 50.8 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY009536.D
Acq: 12 Jul 2022 16:42

Tgt Ion: 114 Resp: 183763
Ion Ratio Lower Upper
114 100
63 18.6 0.0 43.2
88 14.3 0.0 31.8

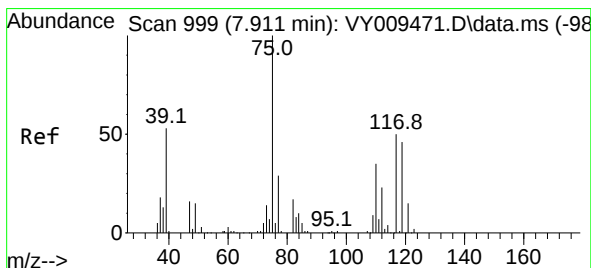
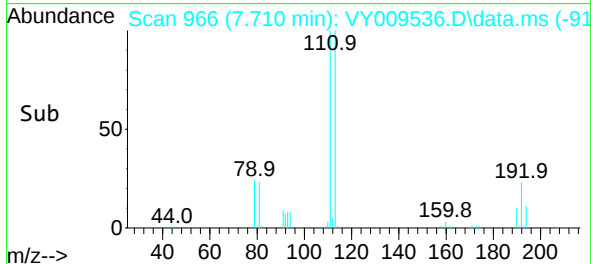
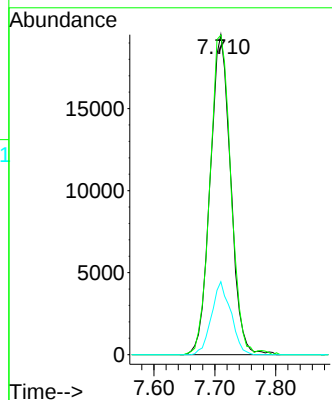
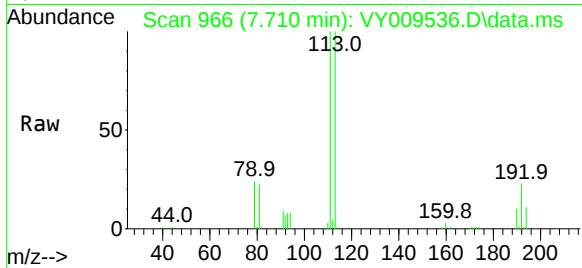




#35
Dibromofluoromethane
Concen: 47.168 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009536.D
Acq: 12 Jul 2022 16:42

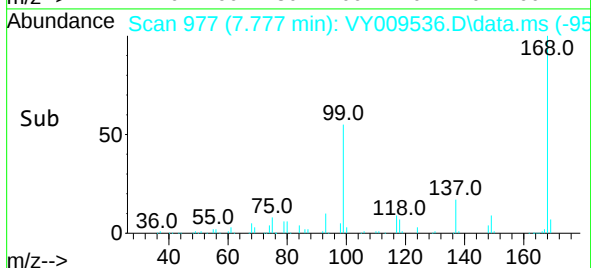
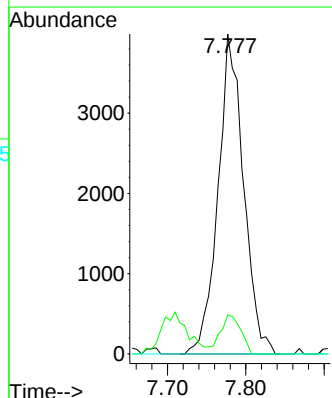
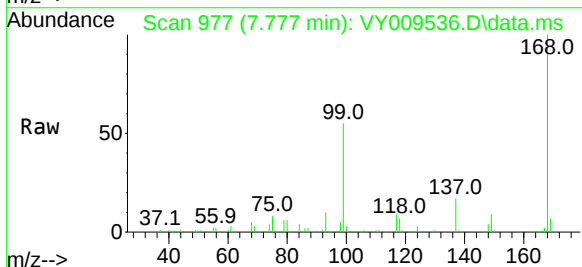
Instrument :
MSVOA_Y
ClientSampleId :
20220508-COMPOSITE-C

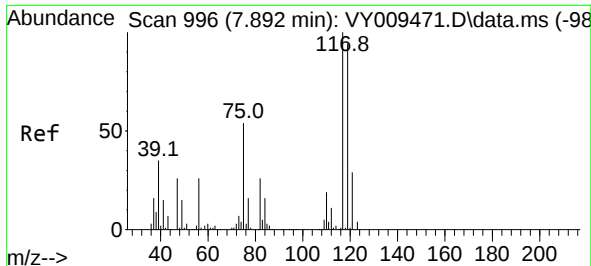
Tgt Ion:113 Resp: 45607
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 21.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.728 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY009536.D
Acq: 12 Jul 2022 16:42

Tgt Ion: 75 Resp: 9016
Ion Ratio Lower Upper
75 100
110 10.1 17.1 51.2#
77 0.0 24.4 36.6#

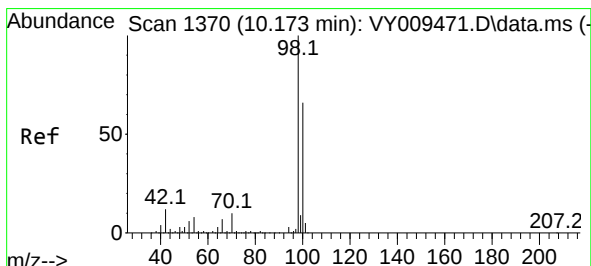
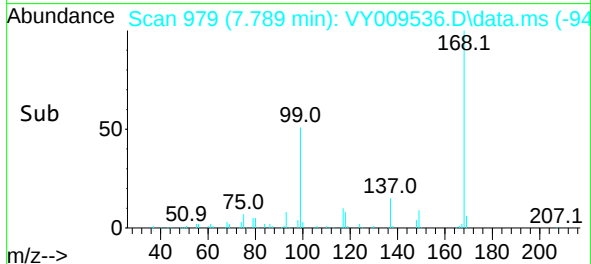
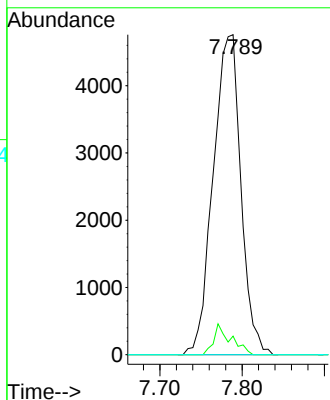
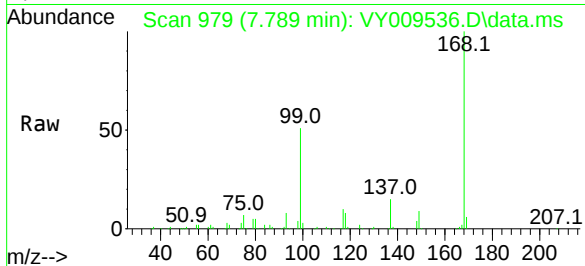




#38
Carbon Tetrachloride
Concen: 6.617 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY009536.D
Acq: 12 Jul 2022 16:42

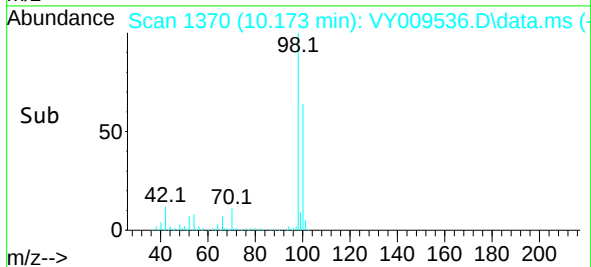
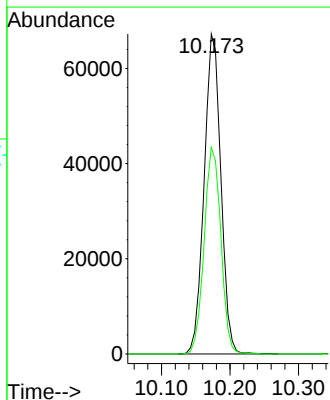
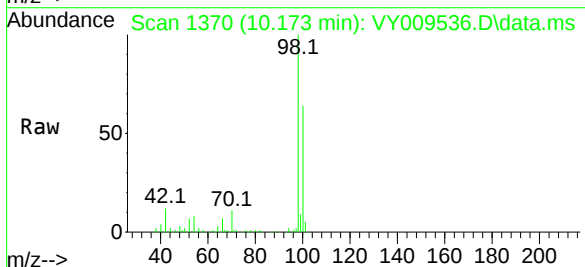
Instrument :
MSVOA_Y
ClientSampleId :
20220508-COMPOSITE-C

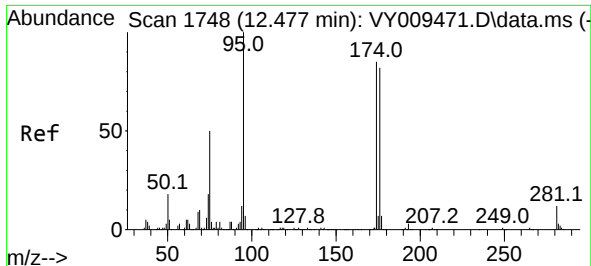
Tgt Ion:117 Resp: 11140
Ion Ratio Lower Upper
117 100
119 5.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 41.932 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009536.D
Acq: 12 Jul 2022 16:42

Tgt Ion: 98 Resp: 114637
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2

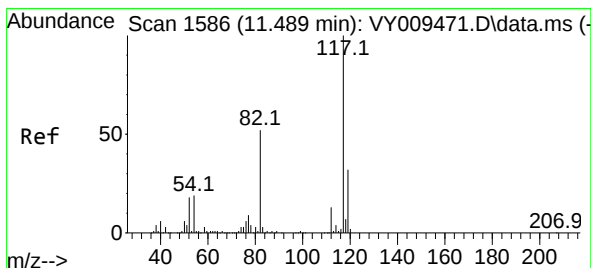
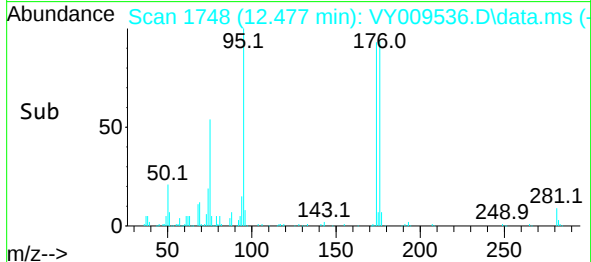
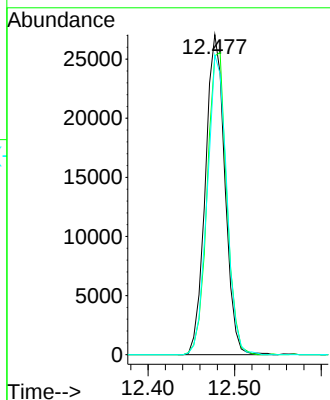
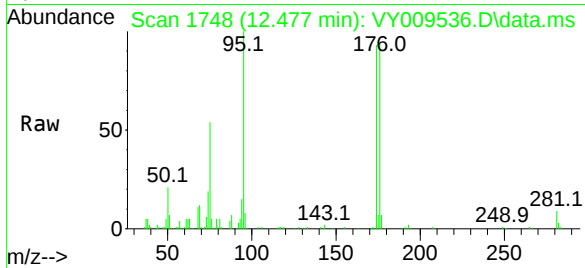




#62
4-Bromofluorobenzene
Concen: 30.964 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009536.D
Acq: 12 Jul 2022 16:42

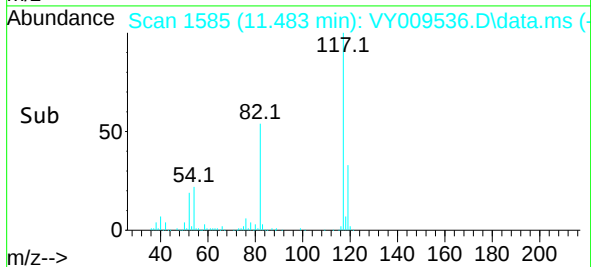
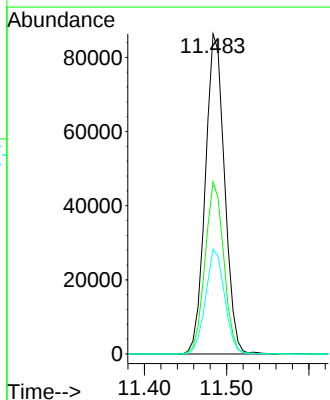
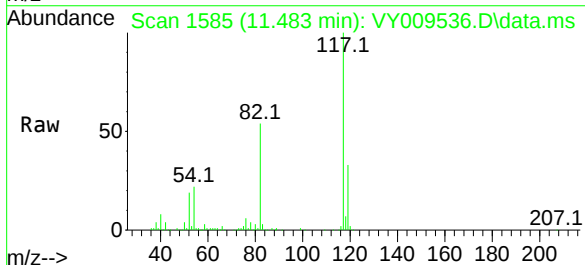
Instrument :
MSVOA_Y
ClientSampleId :
20220508-COMPOSITE-C

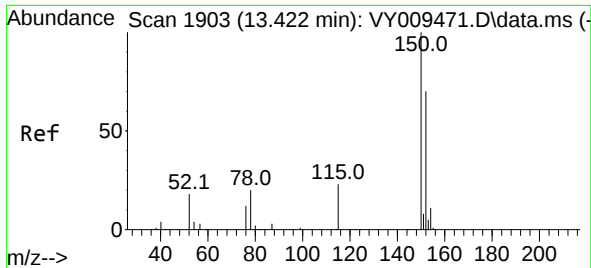
Tgt Ion: 95 Resp: 42262
Ion Ratio Lower Upper
95 100
174 94.4 0.0 177.0
176 93.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY009536.D
Acq: 12 Jul 2022 16:42

Tgt Ion: 117 Resp: 140205
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 32.7 25.4 38.0

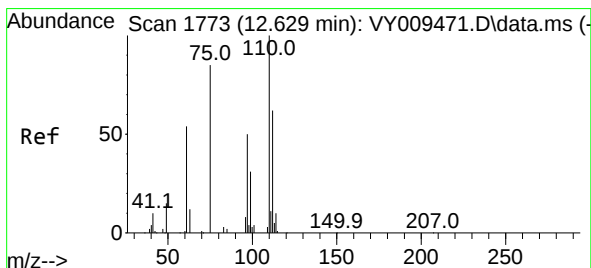
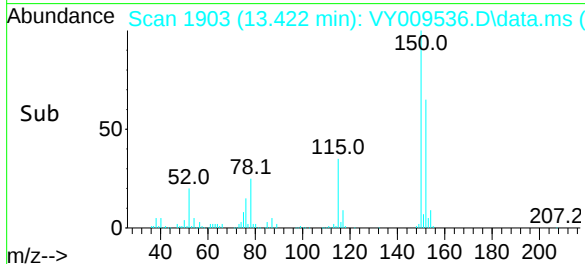
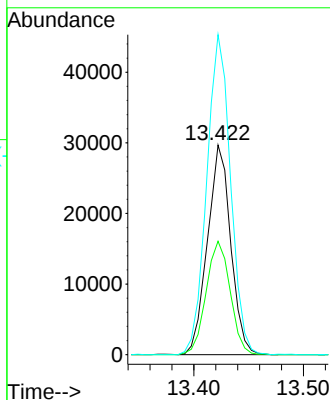
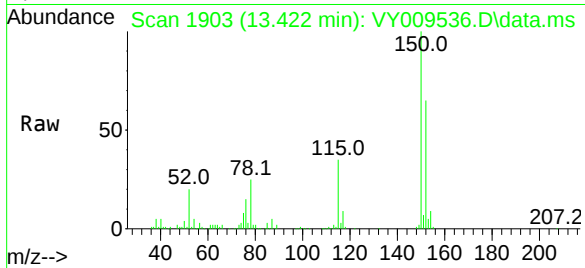




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009536.D
 Acq: 12 Jul 2022 16:42

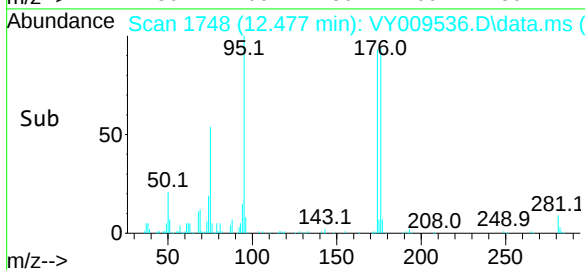
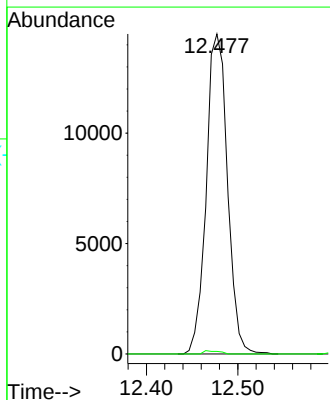
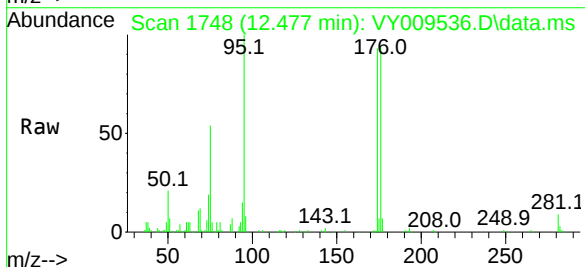
Instrument :
 MSVOA_Y
 ClientSampleId :
 20220508-COMPOSITE-C

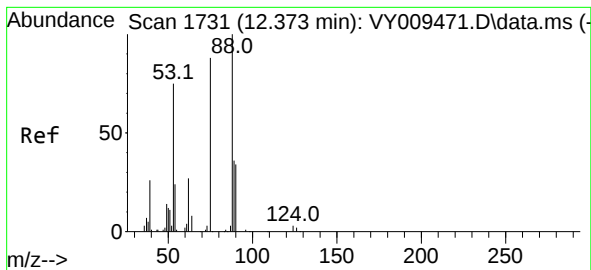
Tgt Ion:152 Resp: 43842
 Ion Ratio Lower Upper
 152 100
 115 55.9 28.2 84.7
 150 156.1 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 50.170 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009536.D
 Acq: 12 Jul 2022 16:42

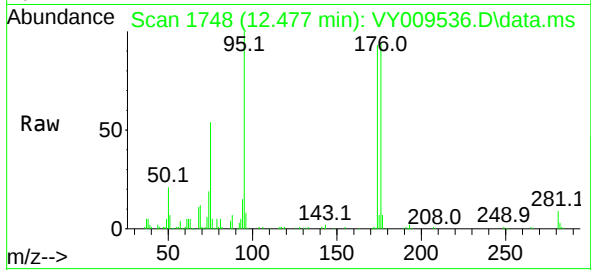
Tgt Ion: 75 Resp: 23284
 Ion Ratio Lower Upper
 75 100
 77 0.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.680 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009536.D
 Acq: 12 Jul 2022 16:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220508-COMPOSITE-C



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.2	85.3	127.9#
89	0.0	37.0	55.4#

