

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060222\
 Data File : VY009125.D
 Acq On : 02 Jun 2022 14:18
 Operator : KP/MD
 Sample : N3099-03
 Misc : 3.35g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220426-AMENDED-COMPOSITE-F

Quant Time: Jun 03 03:12:08 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)

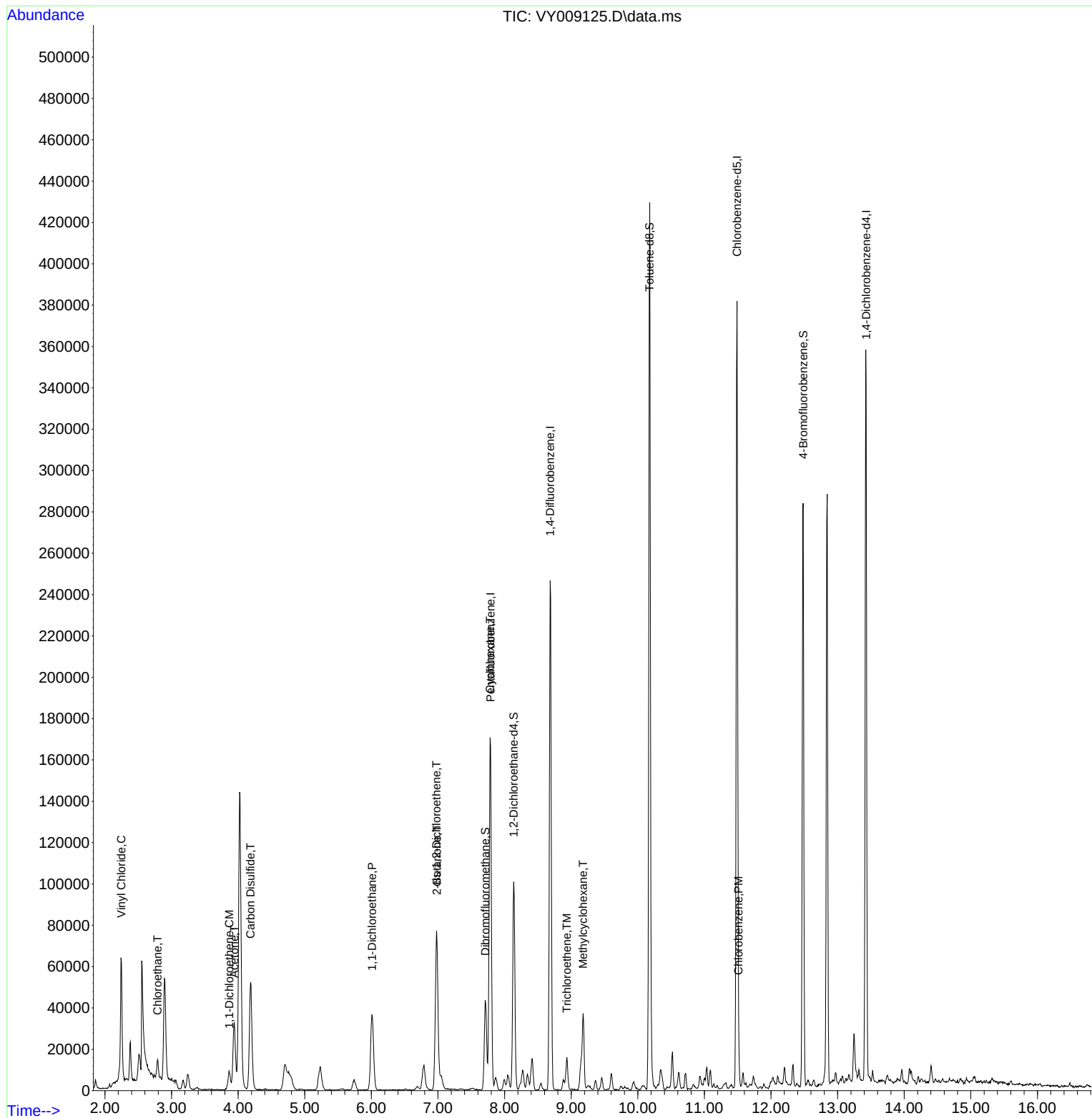
Internal Standards						
1) Pentafluorobenzene	7.789	168	117435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	206684	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	195283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	74037	61.257	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.520%	
35) Dibromofluoromethane	7.710	113	29223	22.737	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 45.480%#	
50) Toluene-d8	10.179	98	261535	55.159	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.320%	
62) 4-Bromofluorobenzene	12.483	95	76294	39.889	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 79.780%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.247	62	43347	19.014	ug/l	97
6) Chloroethane	2.790	64	7924	4.906	ug/l	97
12) 1,1-Dichloroethene	3.869	96	4623	4.185	ug/l	87
16) Acetone	3.942	43	53588	213.003	ug/l	94
17) Carbon Disulfide	4.186	76	100612	27.881	ug/l	100
24) 1,1-Dichloroethane	6.009	63	52959	22.140	ug/l	98
25) 2-Butanone	6.984	43	14370	31.979	ug/l #	86
27) cis-1,2-Dichloroethene	6.978	96	33623	21.038	ug/l	81
31) Cyclohexane	7.783	56	11700	4.948	ug/l #	60
39) Methylcyclohexane	9.179	83	14751	5.225	ug/l	93
44) Trichloroethene	8.935	130	4076	2.441	ug/l	97
65) Chlorobenzene	11.514	112	5784	1.290	ug/l	100

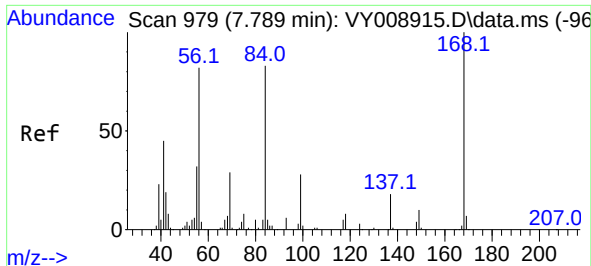
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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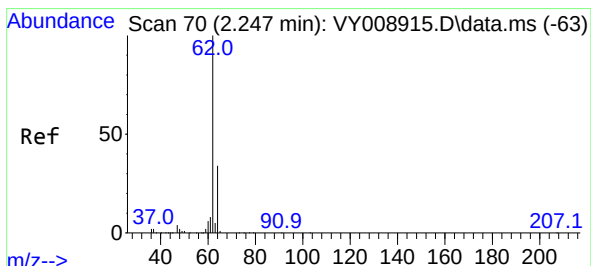
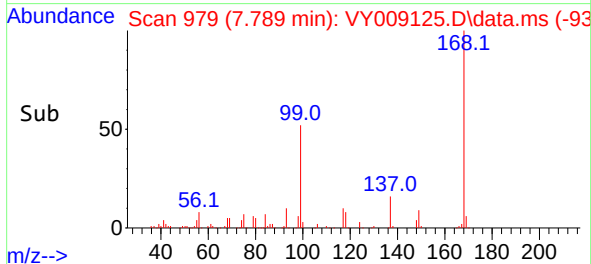
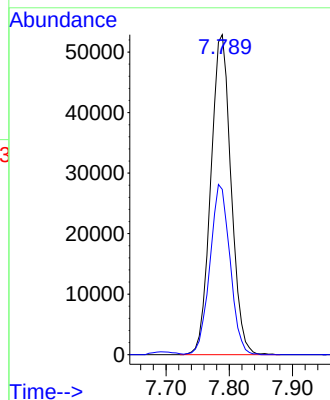
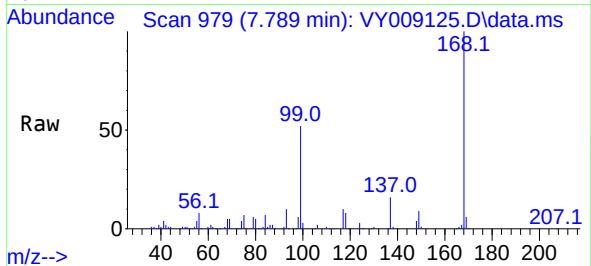




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009125.D
Acq: 02 Jun 2022 14:18

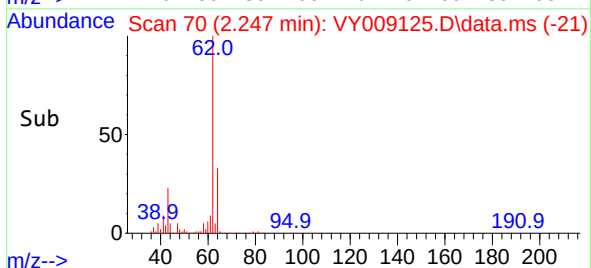
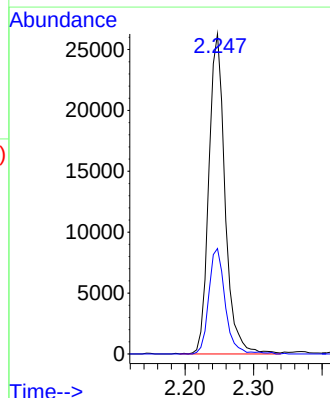
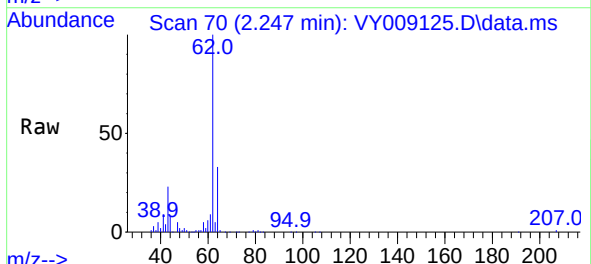
Instrument :
MSVOA_Y
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20220426-AMENDED-COMPOSITE-F

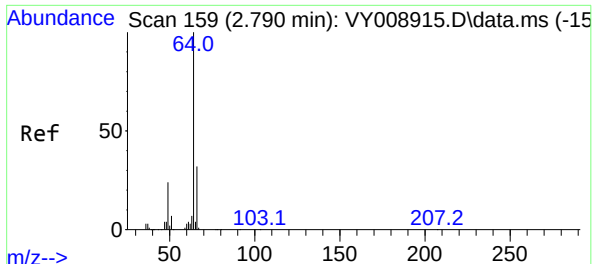
Tgt Ion:168 Resp: 117435
Ion Ratio Lower Upper
168 100
99 51.6 46.9 70.3



#4
Vinyl Chloride
Concen: 19.014 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY009125.D
Acq: 02 Jun 2022 14:18

Tgt Ion: 62 Resp: 43347
Ion Ratio Lower Upper
62 100
64 33.0 25.0 37.6

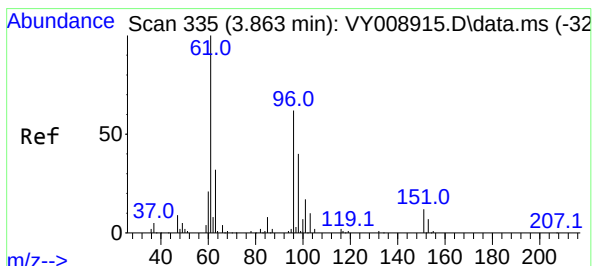
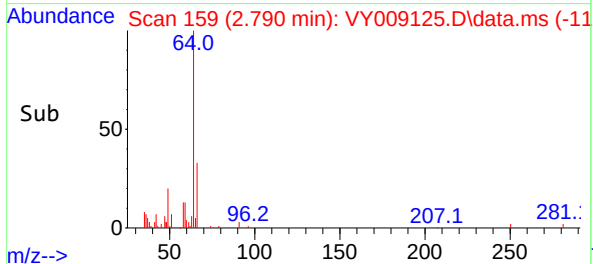
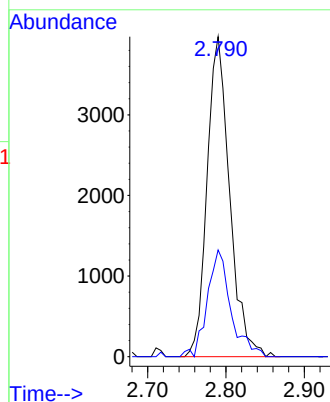
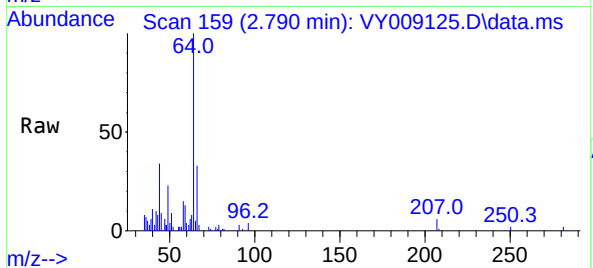




#6
Chloroethane
Concen: 4.906 ug/l
RT: 2.790 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009125.D
Acq: 02 Jun 2022 14:18

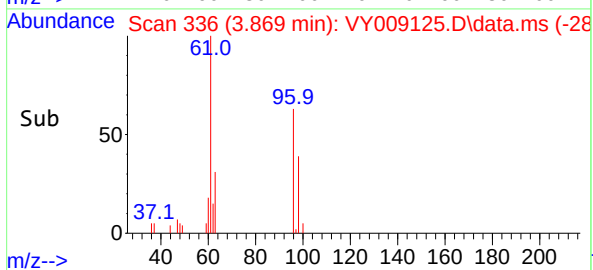
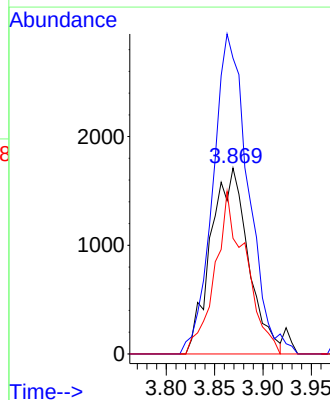
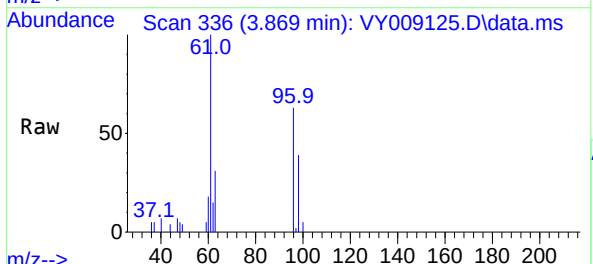
Instrument : MSVOA_Y
ClientSampleId : 20220426-AMENDED-COMPOSITE-F

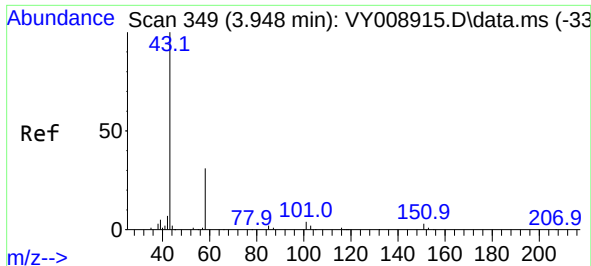
Tgt Ion: 64 Resp: 7924
Ion Ratio Lower Upper
64 100
66 33.4 25.4 38.0



#12
1,1-Dichloroethene
Concen: 4.185 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY009125.D
Acq: 02 Jun 2022 14:18

Tgt Ion: 96 Resp: 4623
Ion Ratio Lower Upper
96 100
61 159.1 145.8 218.6
98 62.2 52.5 78.7

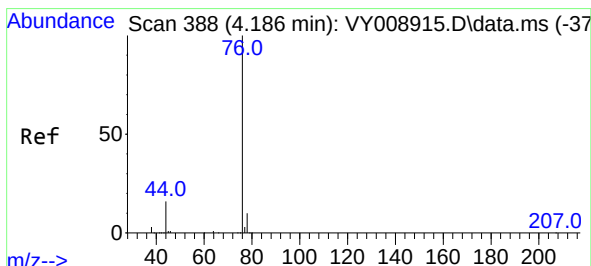
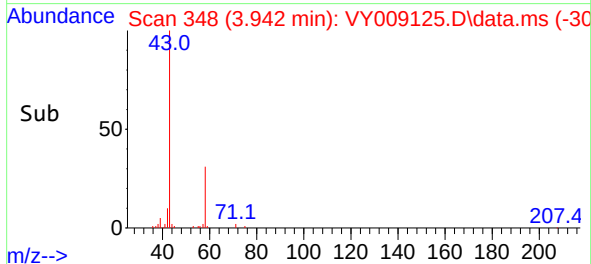
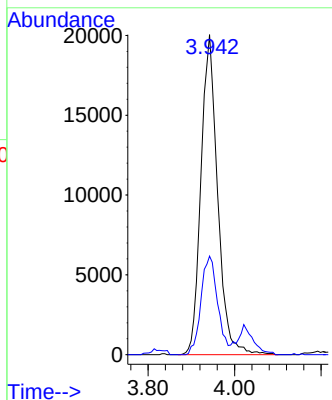
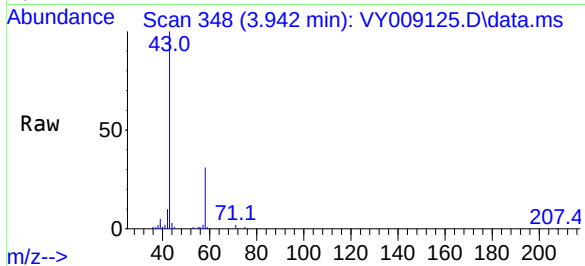




#16
Acetone
Concen: 213.003 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY009125.D
Acq: 02 Jun 2022 14:18

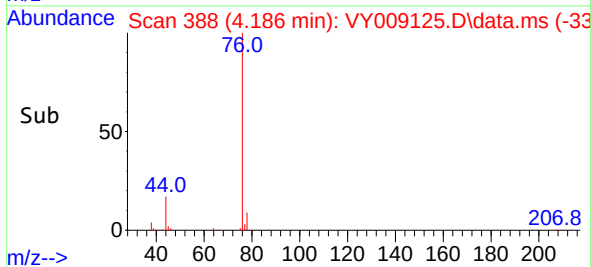
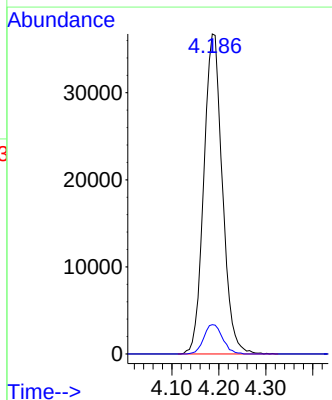
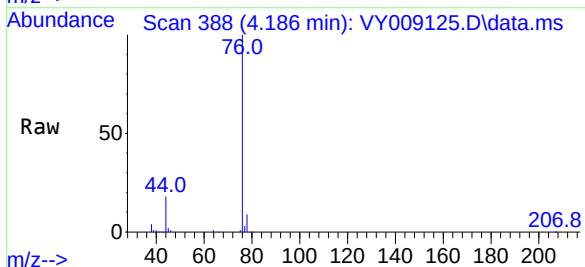
Instrument :
MSVOA_Y
ClientSampleId :
20220426-AMENDED-COMPOSITE-F

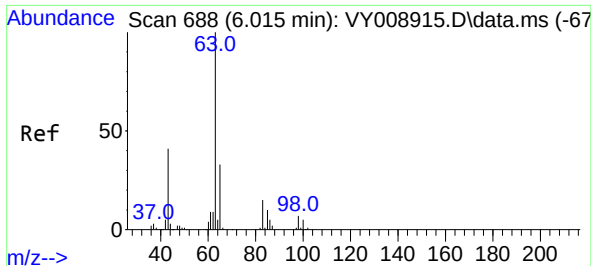
Tgt Ion: 43 Resp: 53588
Ion Ratio Lower Upper
43 100
58 30.8 22.0 33.0



#17
Carbon Disulfide
Concen: 27.881 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY009125.D
Acq: 02 Jun 2022 14:18

Tgt Ion: 76 Resp: 100612
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

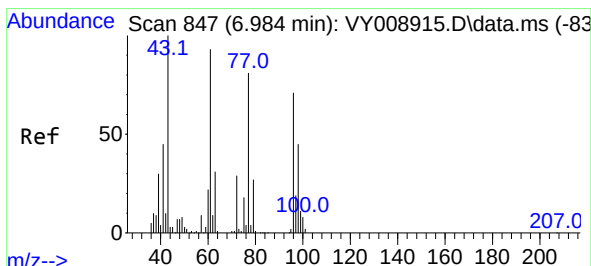
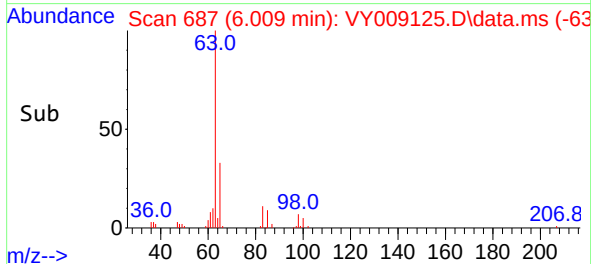
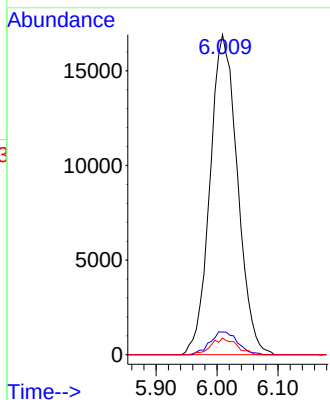
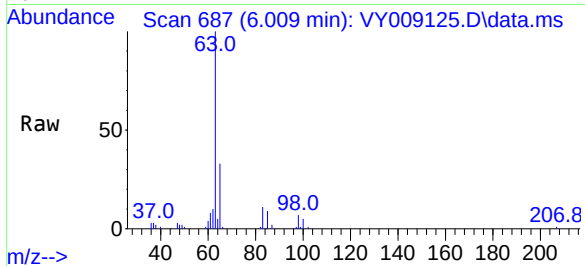




#24
1,1-Dichloroethane
Concen: 22.140 ug/l
RT: 6.009 min Scan# 61
Delta R.T. -0.006 min
Lab File: VY009125.D
Acq: 02 Jun 2022 14:18

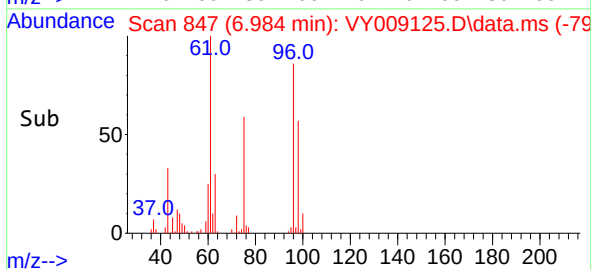
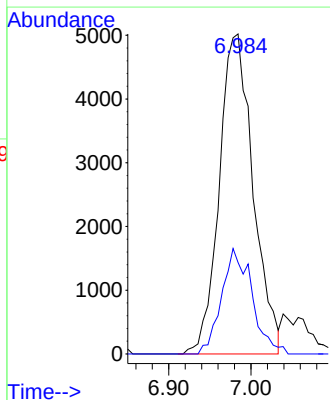
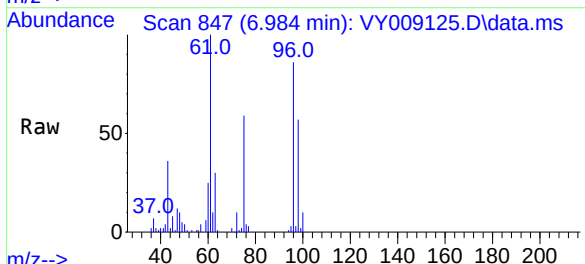
Instrument :
MSVOA_Y
ClientSampleId :
20220426-AMENDED-COMPOSITE-F

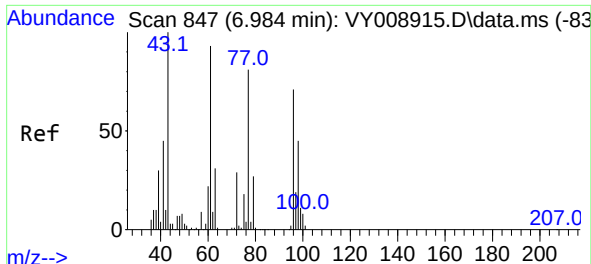
Tgt Ion:	63	Resp:	52959
Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.6	10.8
100	5.2	2.0	5.8



#25
2-Butanone
Concen: 31.979 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY009125.D
Acq: 02 Jun 2022 14:18

Tgt Ion:	43	Resp:	14370
Ion	Ratio	Lower	Upper
43	100		
72	28.6	17.7	26.5#



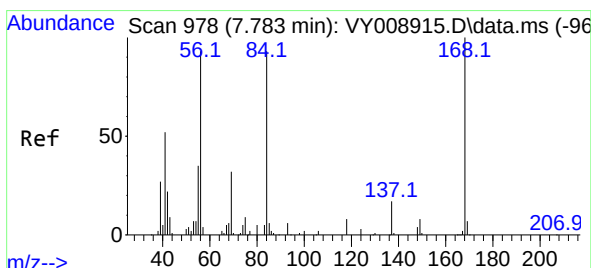
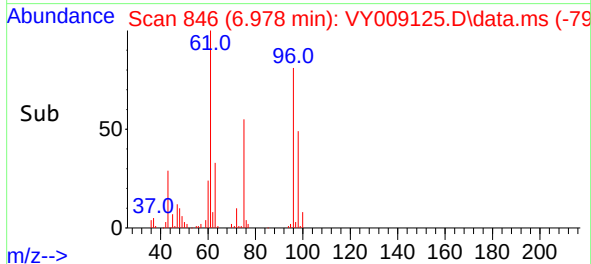
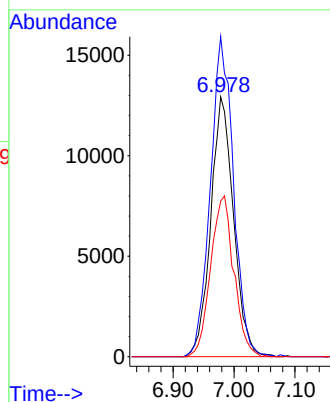
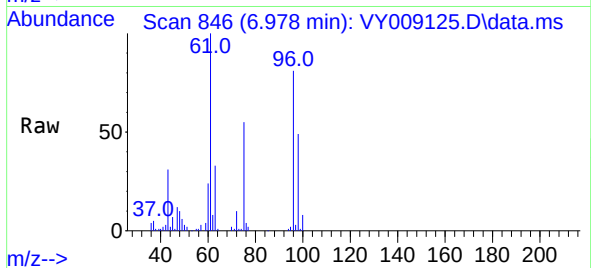


#27
 cis-1,2-Dichloroethene
 Concen: 21.038 ug/l
 RT: 6.978 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY009125.D
 Acq: 02 Jun 2022 14:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220426-AMENDED-COMPOSITE-F

Tgt Ion: 96 Resp: 33623

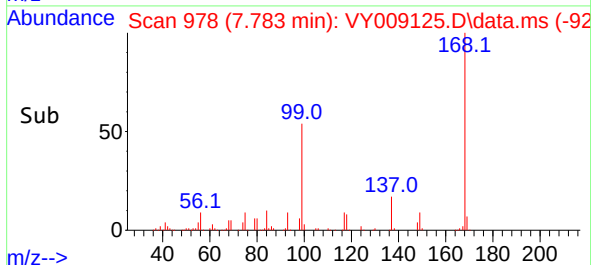
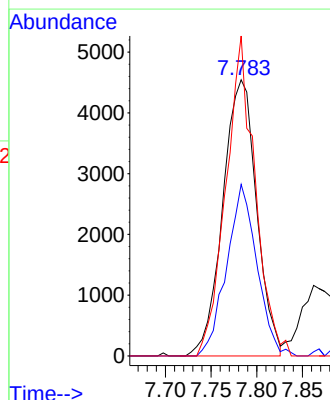
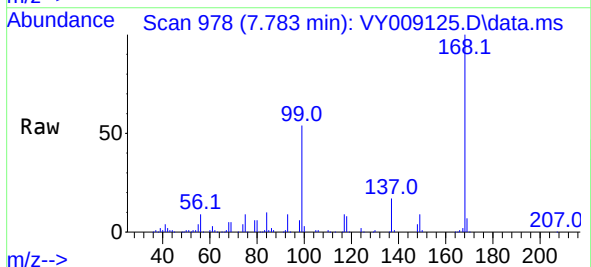
Ion	Ratio	Lower	Upper
96	100		
61	124.6	0.0	319.8
98	63.0	0.0	127.0

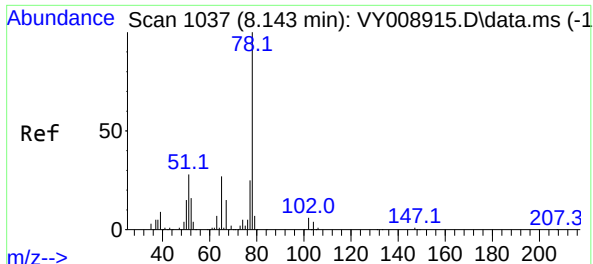


#31
 Cyclohexane
 Concen: 4.948 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.000 min
 Lab File: VY009125.D
 Acq: 02 Jun 2022 14:18

Tgt Ion: 56 Resp: 11700

Ion	Ratio	Lower	Upper
56	100		
69	62.1	26.7	40.1#
84	115.9	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 61.257 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.007 min

Lab File: VY009125.D

Acq: 02 Jun 2022 14:18

Instrument :

MSVOA_Y

ClientSampleId :

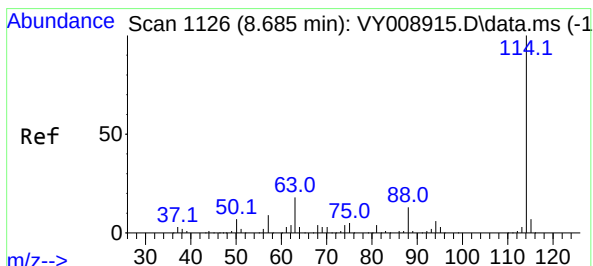
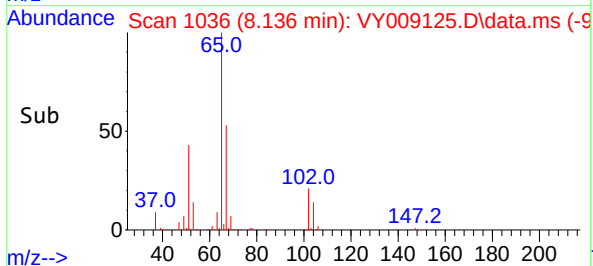
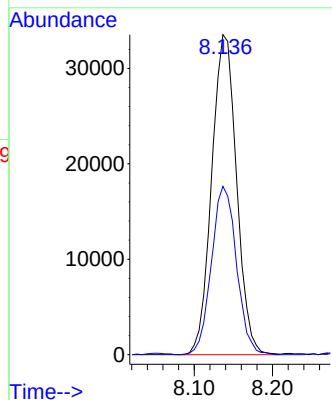
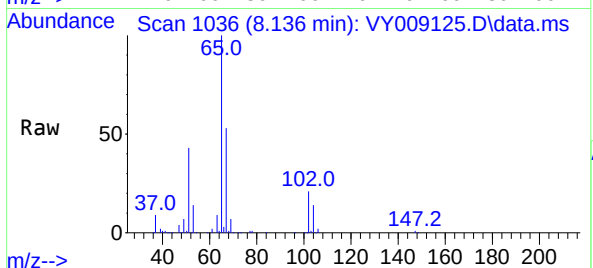
20220426-AMENDED-COMPOSITE-F

Tgt Ion: 65 Resp: 74037

Ion Ratio Lower Upper

65 100

67 53.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009125.D

Acq: 02 Jun 2022 14:18

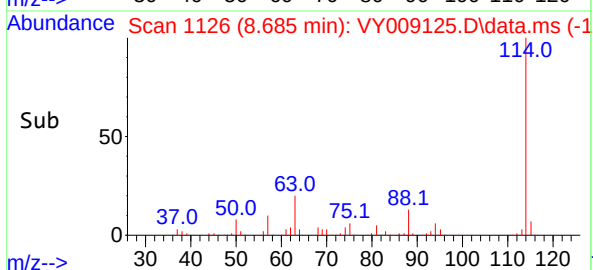
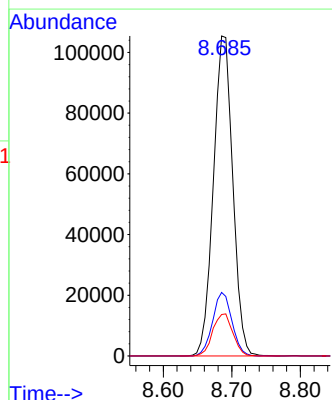
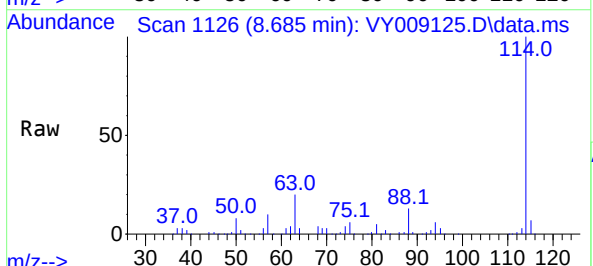
Tgt Ion: 114 Resp: 206684

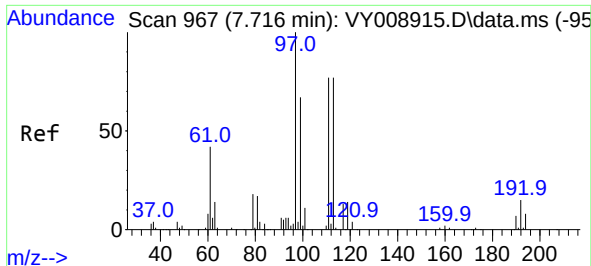
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 13.0 0.0 31.8

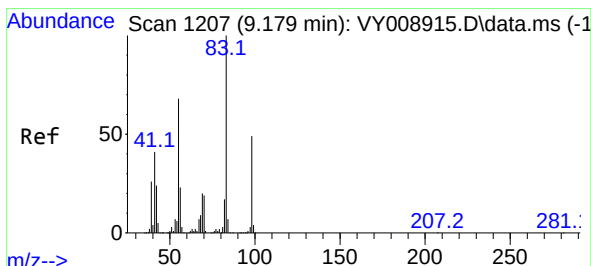
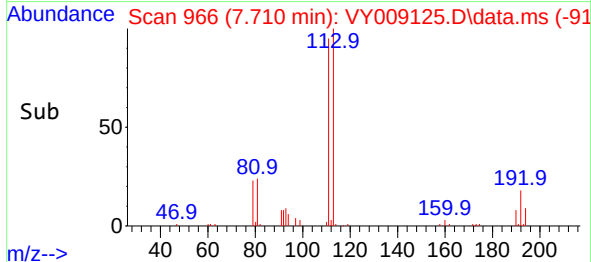
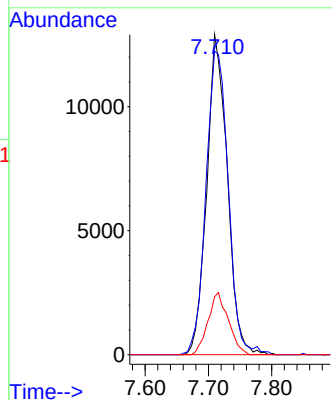
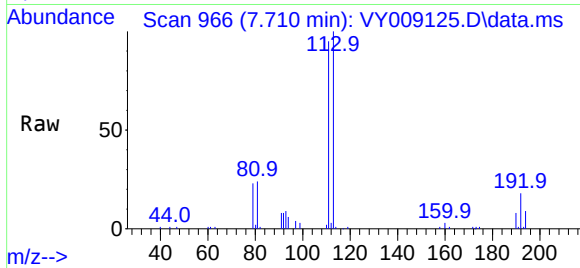




#35
Dibromofluoromethane
Concen: 22.737 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009125.D
Acq: 02 Jun 2022 14:18

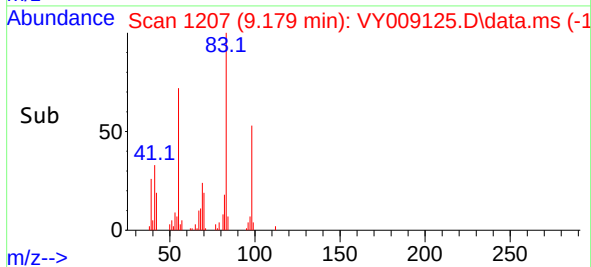
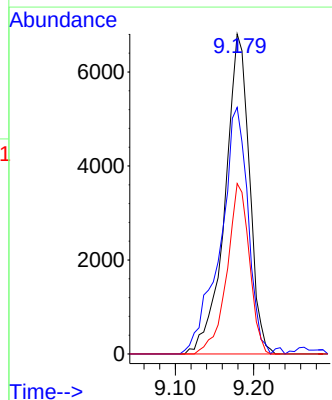
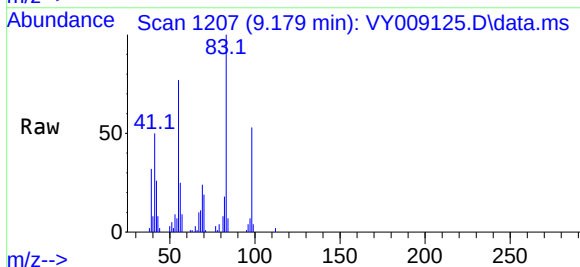
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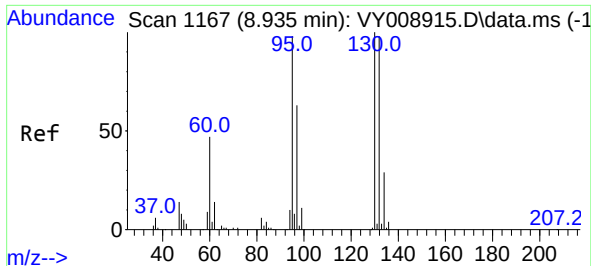
Tgt Ion:	113	Resp:	29223
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	124.0
192	19.1	17.6	26.4



#39
Methylcyclohexane
Concen: 5.225 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. 0.000 min
Lab File: VY009125.D
Acq: 02 Jun 2022 14:18

Tgt Ion:	83	Resp:	14751
Ion	Ratio	Lower	Upper
83	100		
55	77.0	66.5	99.7
98	53.2	37.9	56.9

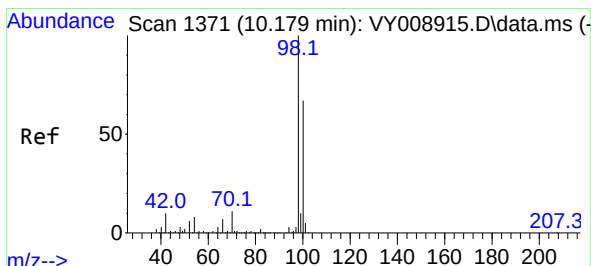
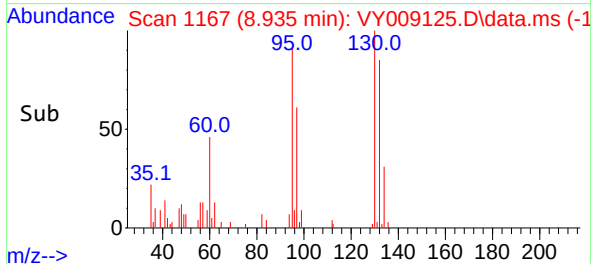
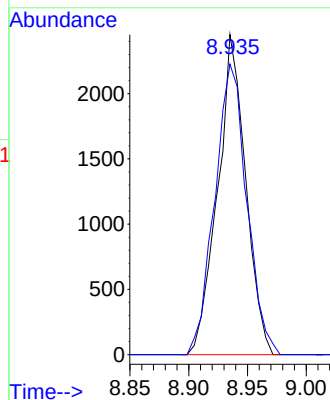
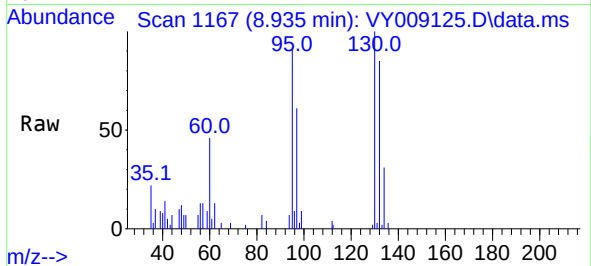




#44
Trichloroethene
Concen: 2.441 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY009125.D
Acq: 02 Jun 2022 14:18

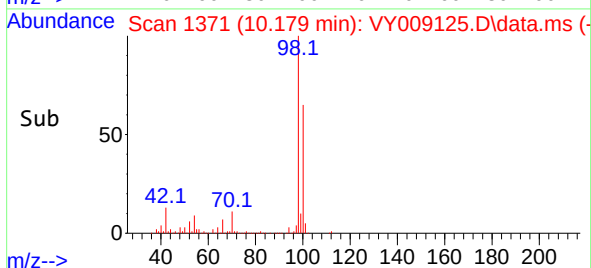
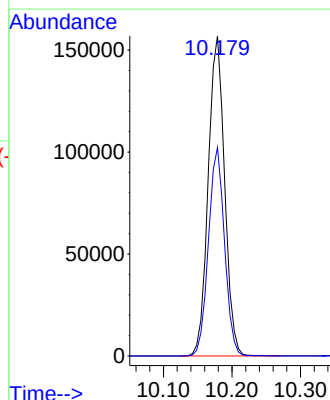
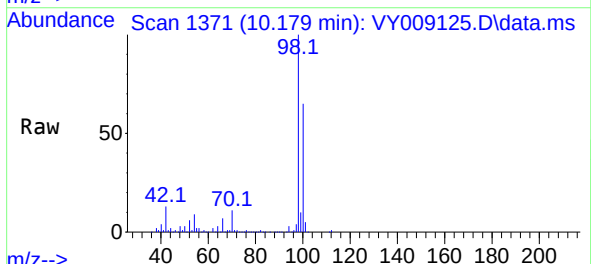
Instrument : MSVOA_Y
ClientSampleId : 20220426-AMENDED-COMPOSITE-F

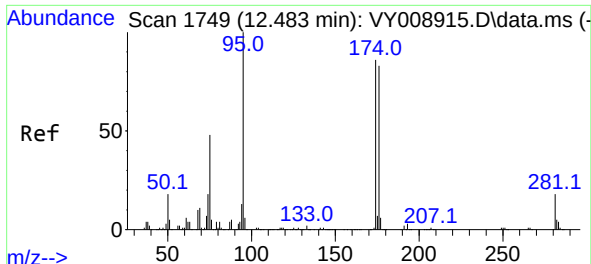
Tgt Ion:130 Resp: 4076
Ion Ratio Lower Upper
130 100
95 90.8 0.0 188.2



#50
Toluene-d8
Concen: 55.159 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009125.D
Acq: 02 Jun 2022 14:18

Tgt Ion: 98 Resp: 261535
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2

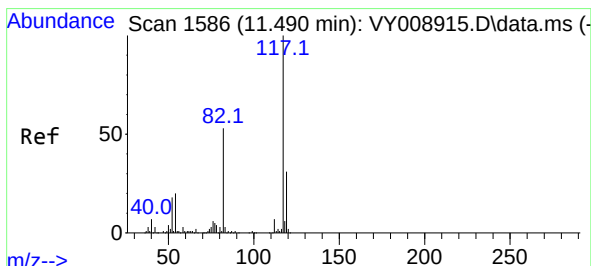
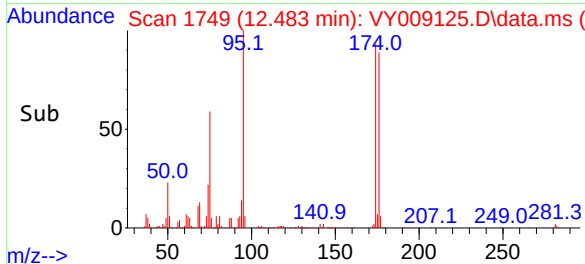
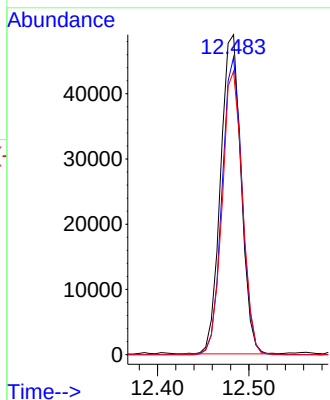
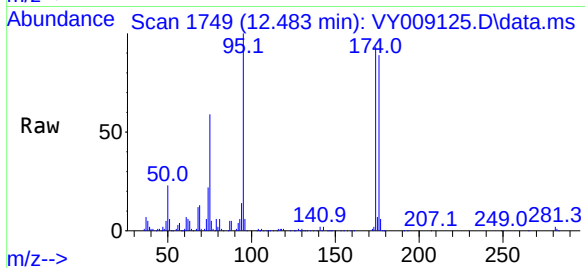




#62
4-Bromofluorobenzene
Concen: 39.889 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009125.D
Acq: 02 Jun 2022 14:18

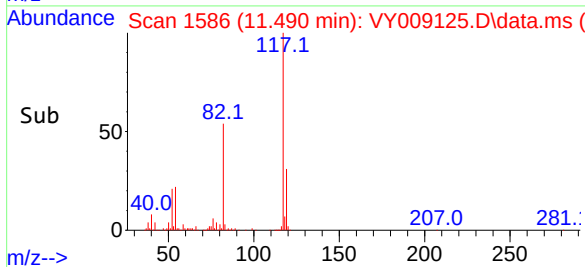
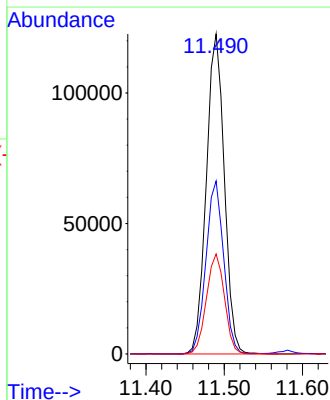
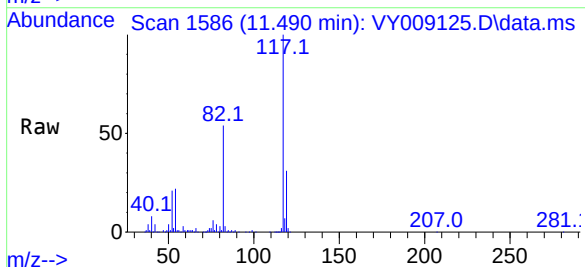
Instrument :
MSVOA_Y
ClientSampleId :
20220426-AMENDED-COMPOSITE-F

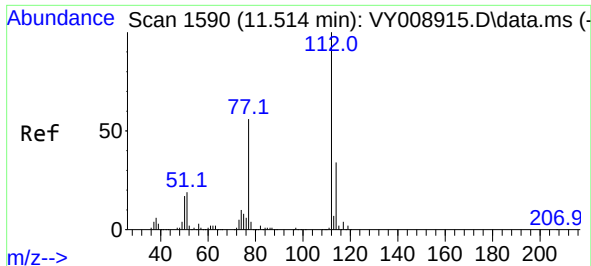
Tgt Ion:	95	Resp:	76294
Ion	Ratio	Lower	Upper
95	100		
174	91.1	0.0	177.0
176	87.8	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009125.D
Acq: 02 Jun 2022 14:18

Tgt Ion:	117	Resp:	195283
Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.0	64.4
119	31.2	25.4	38.0

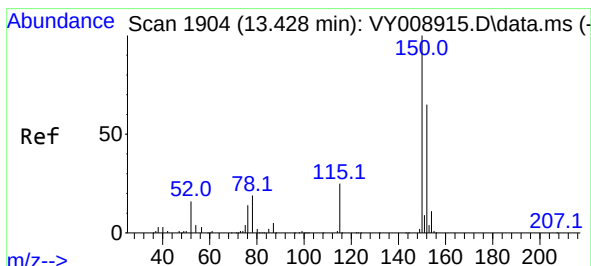
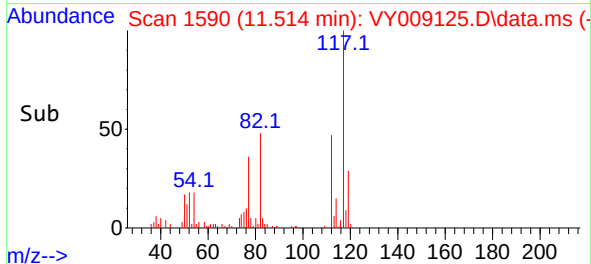
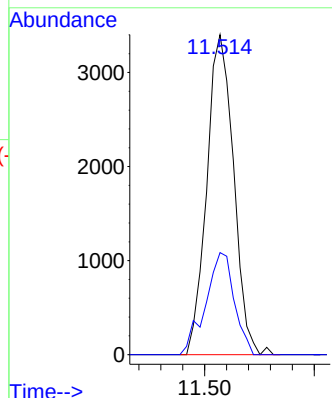
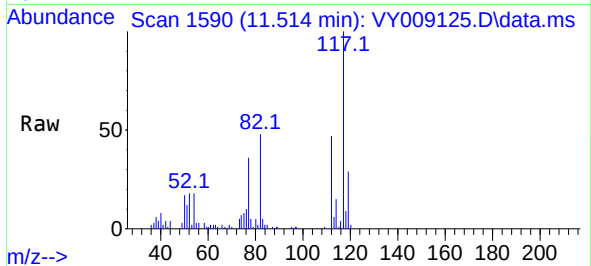




#65
Chlorobenzene
Concen: 1.290 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009125.D
Acq: 02 Jun 2022 14:18

Instrument : MSVOA_Y
ClientSampleId : 20220426-AMENDED-COMPOSITE-F

Tgt Ion:112 Resp: 5784
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY009125.D
Acq: 02 Jun 2022 14:18

Tgt Ion:152 Resp: 86547
Ion Ratio Lower Upper
152 100
115 56.6 28.2 84.7
150 154.2 0.0 347.6

