

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081221\
 Data File : VY005616.D
 Acq On : 12 Aug 2021 12:46
 Operator : SY/MD
 Sample : M3318-04
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210595-AMENDED-COM-9

Quant Time: Aug 13 04:21:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

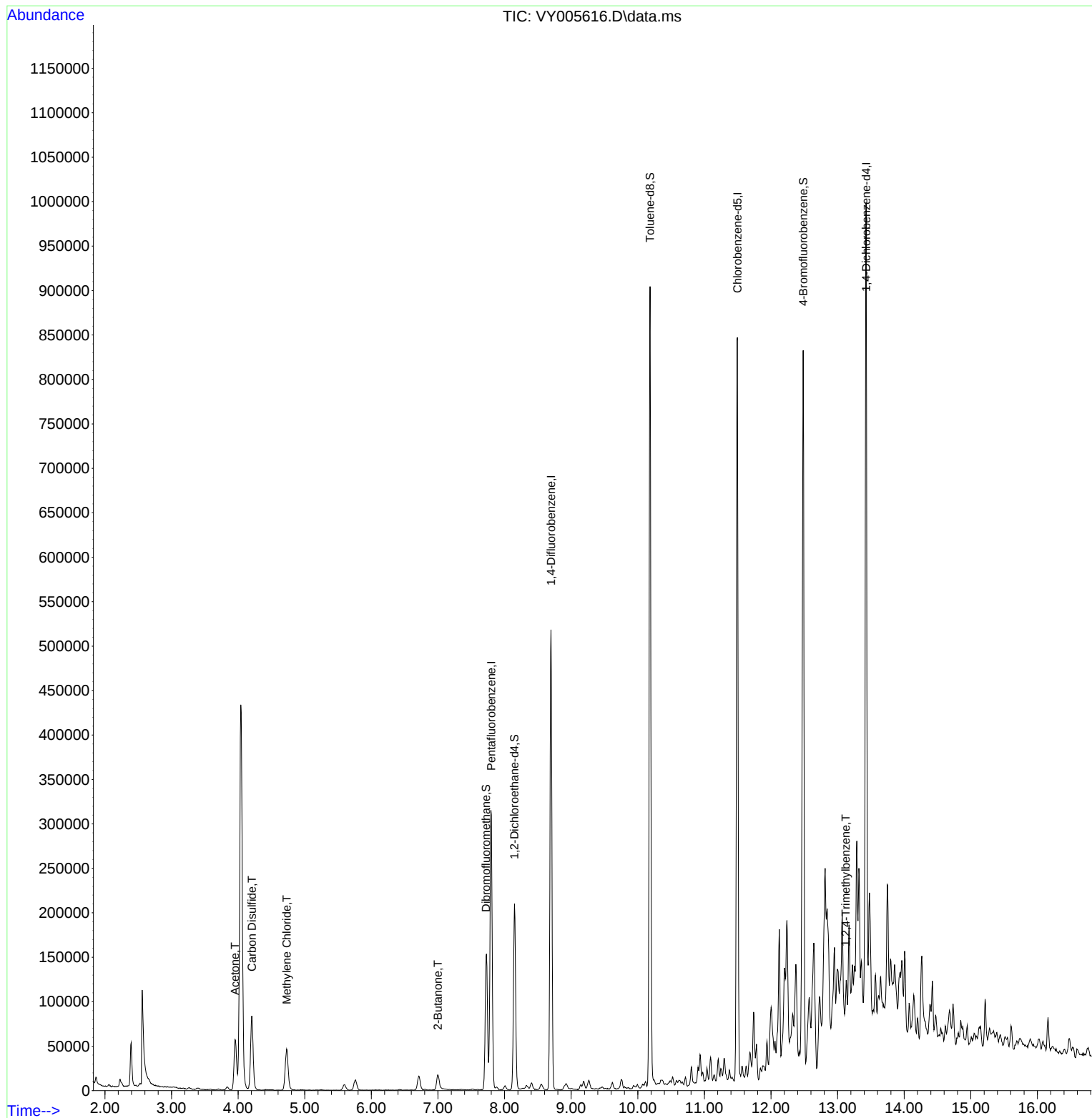
Internal Standards						
1) Pentafluorobenzene	7.801	168	258347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	442038	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	458189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	238183	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	164868	63.044	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.080%	
35) Dibromofluoromethane	7.722	113	106861	43.179	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 86.360%	
50) Toluene-d8	10.185	98	571113	55.024	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.040%	
62) 4-Bromofluorobenzene	12.483	95	216309	62.933	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 125.860%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	101693	154.236	ug/l	96
17) Carbon Disulfide	4.204	76	166872	24.314	ug/l	100
20) Methylene Chloride	4.729	84	34712	8.214	ug/l	93
25) 2-Butanone	6.997	43	26589	27.281	ug/l	93
84) 1,2,4-Trimethylbenzene	13.123	105	15230	1.119	ug/l	80

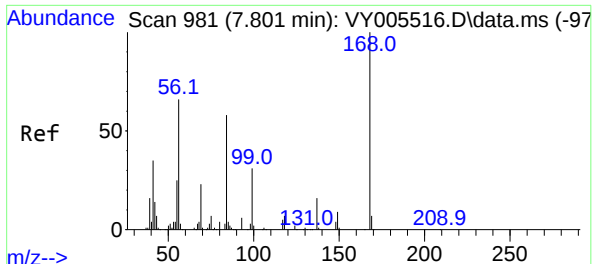
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081221\
Data File : VY005616.D
Acq On : 12 Aug 2021 12:46
Operator : SY/MD
Sample : M3318-04
Misc : 5.03G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20210595-AMENDED-COM-9

Quant Time: Aug 13 04:21:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
Response via : Initial Calibration

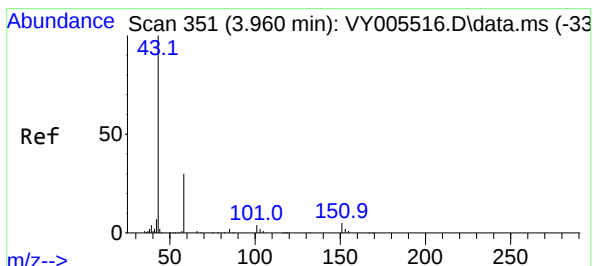
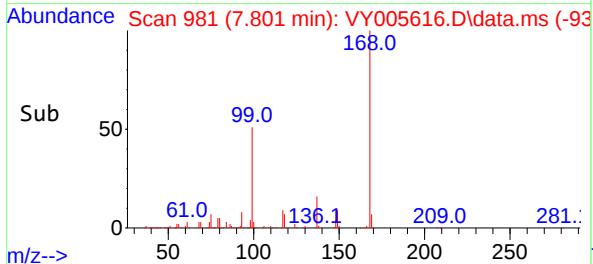
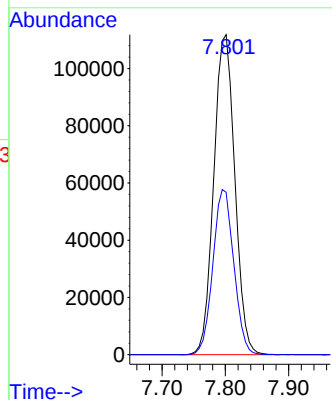
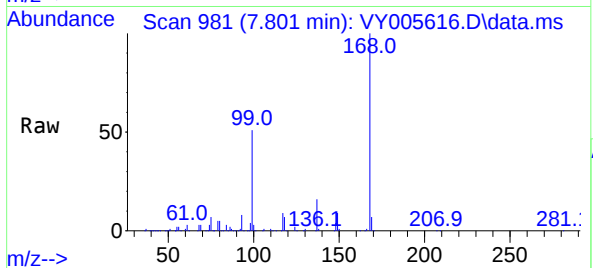




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005616.D
Acq: 12 Aug 2021 12:46

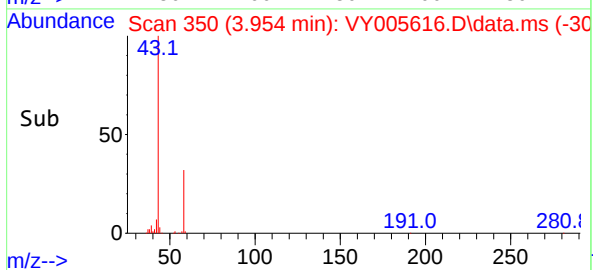
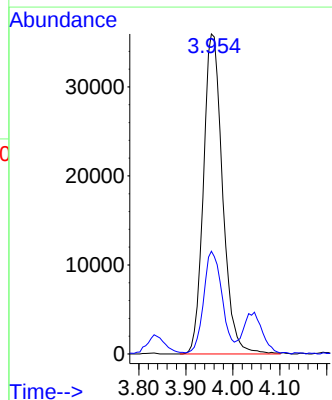
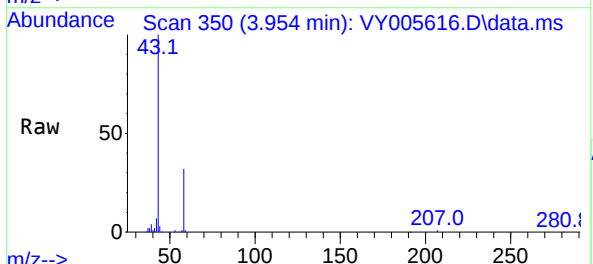
Instrument :
MSVOA_Y
ClientSampleId :
20210595-AMENDED-COM-9

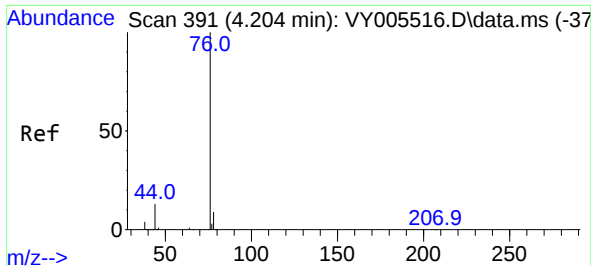
Tgt Ion:168 Resp: 258347
Ion Ratio Lower Upper
168 100
99 50.7 38.9 58.3



#16
Acetone
Concen: 154.236 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005616.D
Acq: 12 Aug 2021 12:46

Tgt Ion: 43 Resp: 101693
Ion Ratio Lower Upper
43 100
58 31.8 23.8 35.6

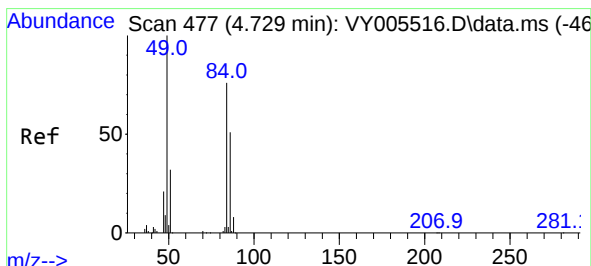
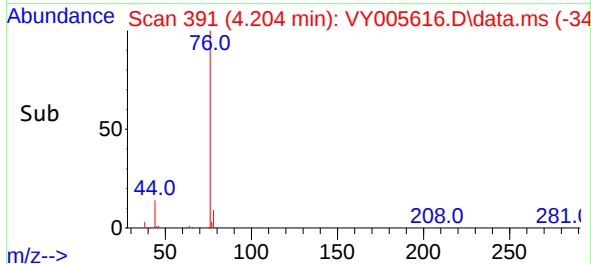
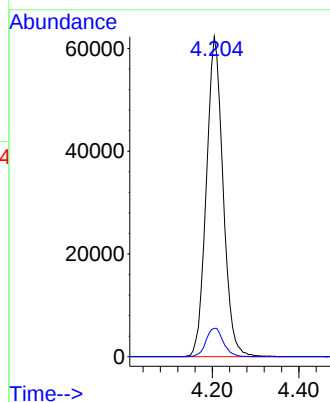
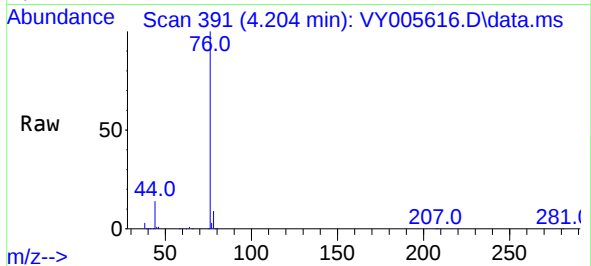




#17
Carbon Disulfide
Concen: 24.314 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY005616.D
Acq: 12 Aug 2021 12:46

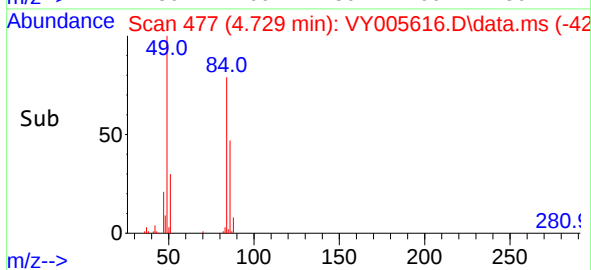
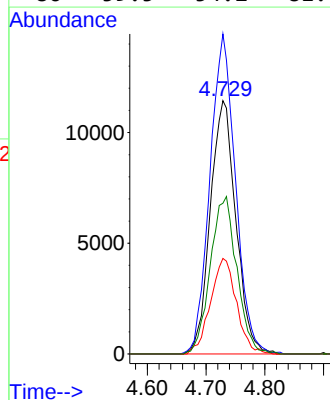
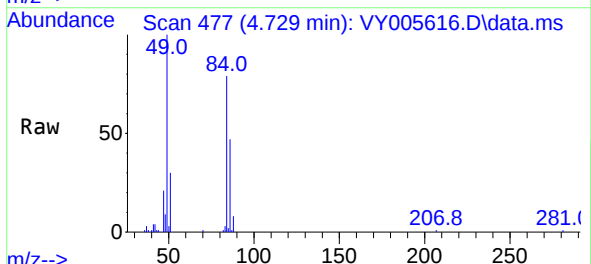
Instrument :
MSVOA_Y
ClientSampleId :
20210595-AMENDED-COM-9

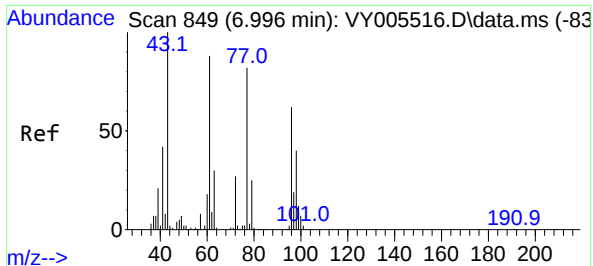
Tgt Ion: 76 Resp: 166872
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6



#20
Methylene Chloride
Concen: 8.214 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005616.D
Acq: 12 Aug 2021 12:46

Tgt Ion: 84 Resp: 34712
Ion Ratio Lower Upper
84 100
49 126.4 105.8 158.6
51 37.7 33.4 50.2
86 59.5 54.2 81.4





#25

2-Butanone

Concen: 27.281 ug/l

RT: 6.997 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY005616.D

Acq: 12 Aug 2021 12:46

Instrument :

MSVOA_Y

ClientSampleId :

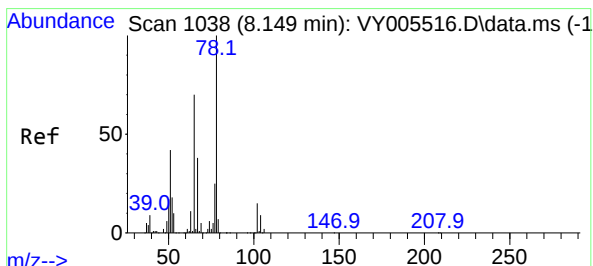
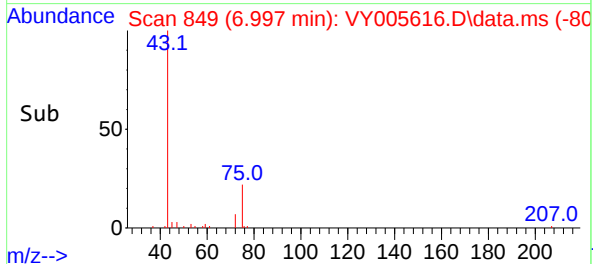
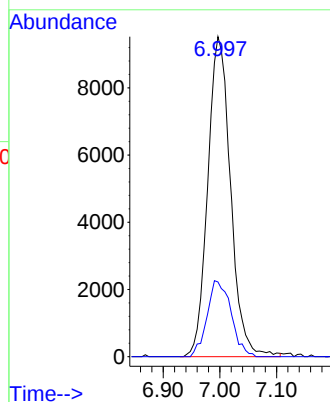
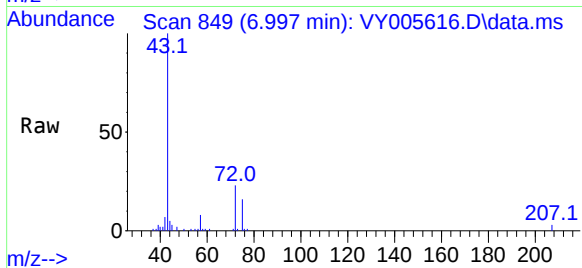
20210595-AMENDED-COM-9

Tgt Ion: 43 Resp: 26589

Ion Ratio Lower Upper

43 100

72 23.3 21.4 32.2



#33

1,2-Dichloroethane-d4

Concen: 63.044 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY005616.D

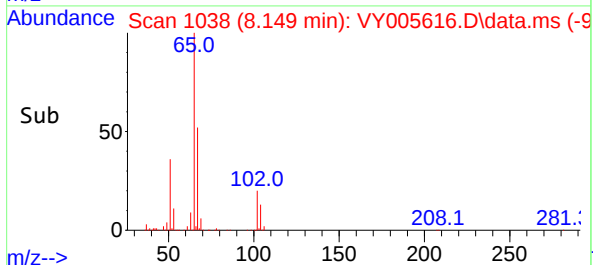
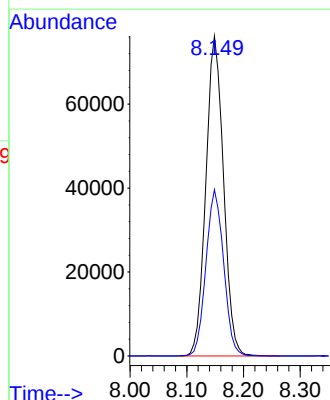
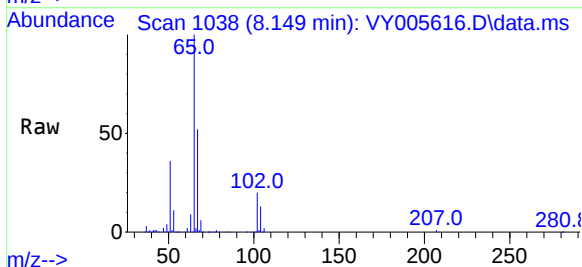
Acq: 12 Aug 2021 12:46

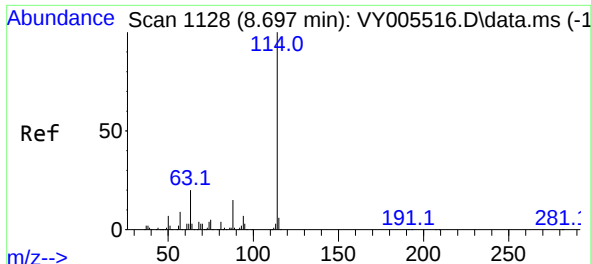
Tgt Ion: 65 Resp: 164868

Ion Ratio Lower Upper

65 100

67 52.1 0.0 103.4

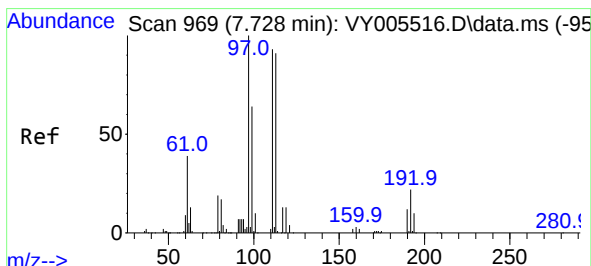
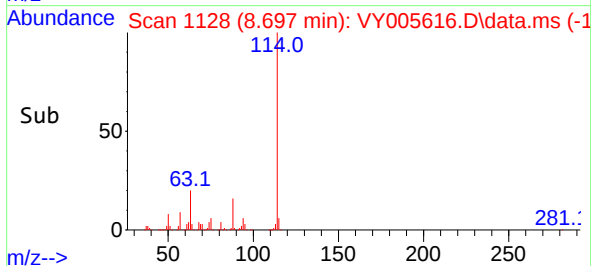
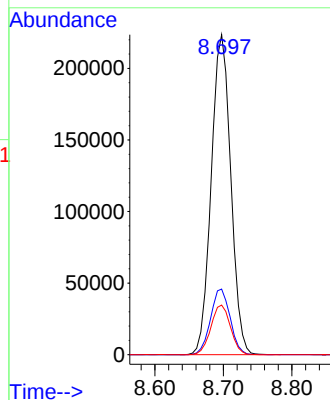
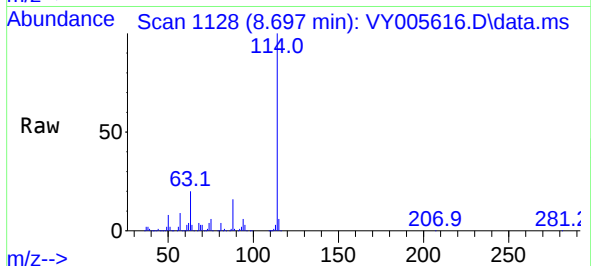




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005616.D
Acq: 12 Aug 2021 12:46

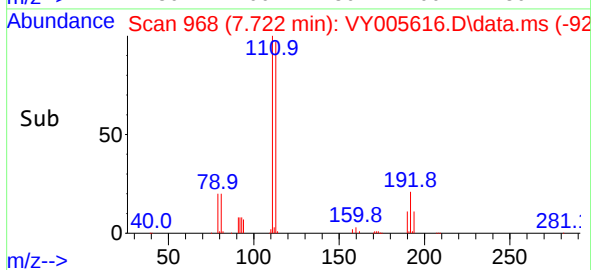
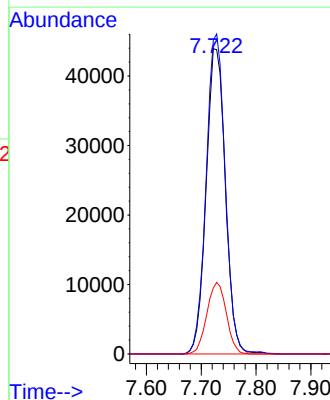
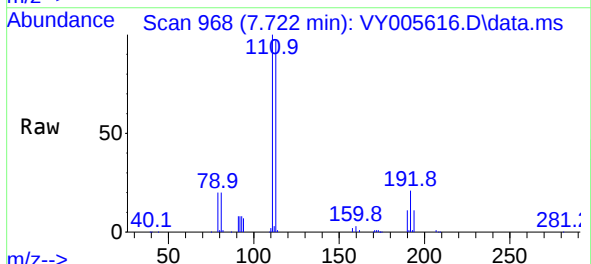
Instrument :
MSVOA_Y
ClientSampleId :
20210595-AMENDED-COM-9

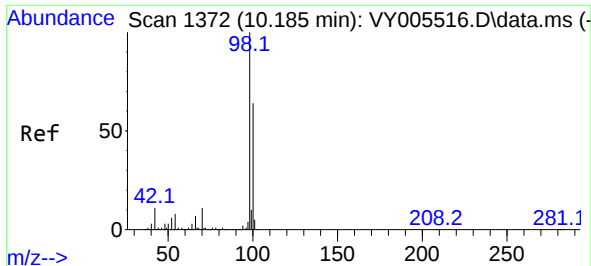
Tgt Ion:	114	Resp:	442038
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	39.2
88	15.5	0.0	30.8



#35
Dibromofluoromethane
Concen: 43.179 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005616.D
Acq: 12 Aug 2021 12:46

Tgt Ion:	113	Resp:	106861
Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.9	122.9
192	23.7	19.2	28.8

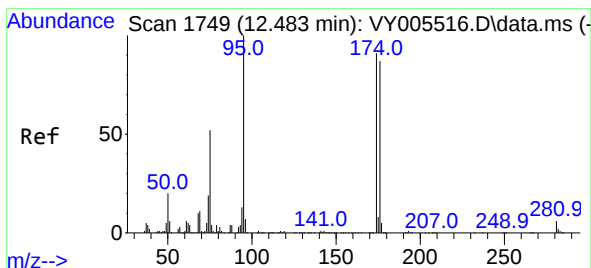
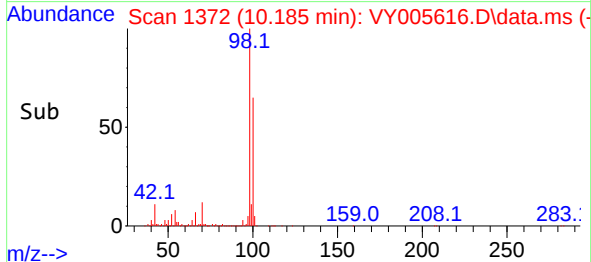
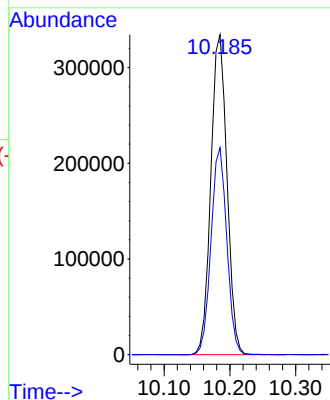
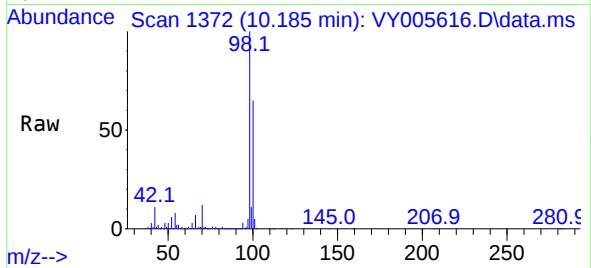




#50
Toluene-d8
Concen: 55.024 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005616.D
Acq: 12 Aug 2021 12:46

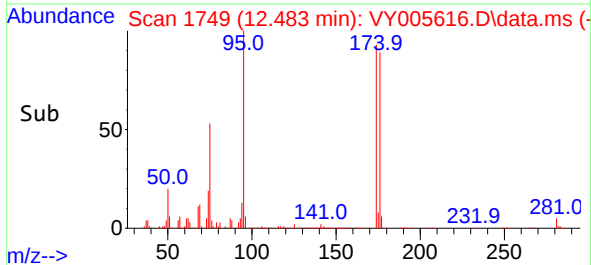
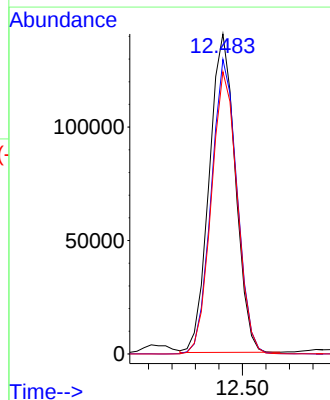
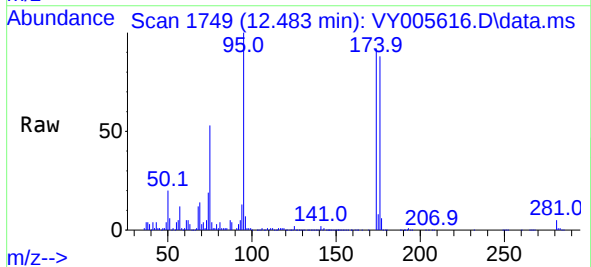
Instrument :
MSVOA_Y
ClientSampleId :
20210595-AMENDED-COM-9

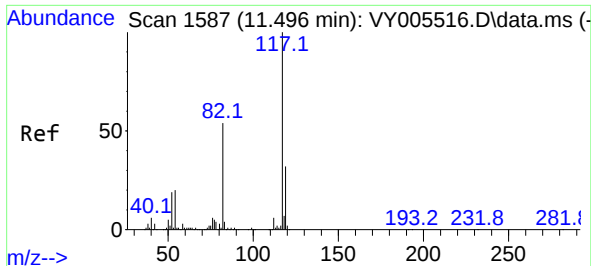
Tgt Ion: 98 Resp: 571113
Ion Ratio Lower Upper
98 100
100 63.3 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 62.933 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005616.D
Acq: 12 Aug 2021 12:46

Tgt Ion: 95 Resp: 216309
Ion Ratio Lower Upper
95 100
174 91.6 0.0 191.4
176 88.2 0.0 183.6

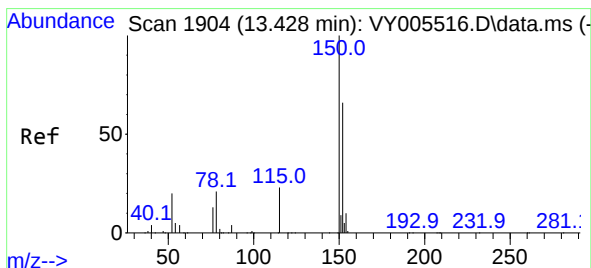
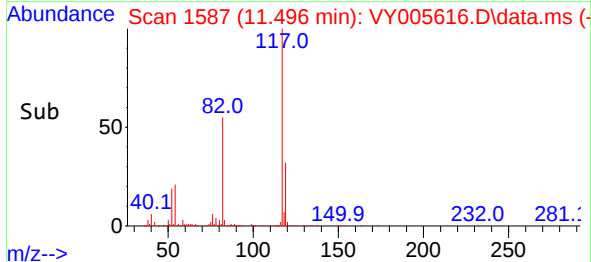
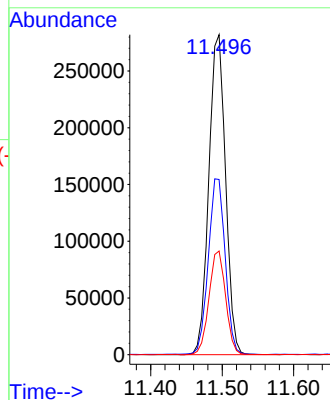
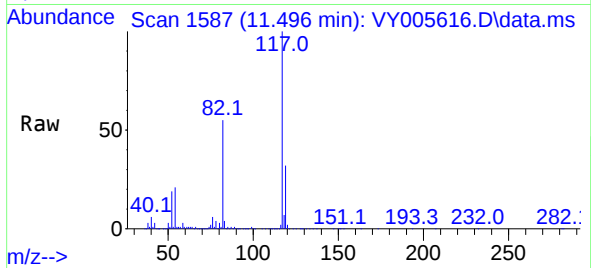




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005616.D
Acq: 12 Aug 2021 12:46

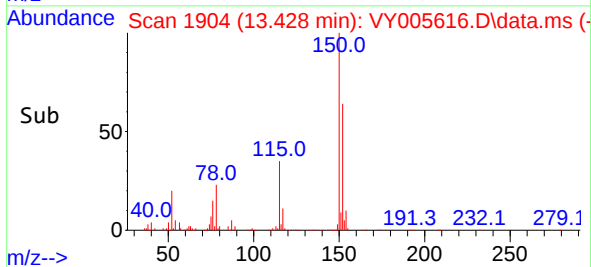
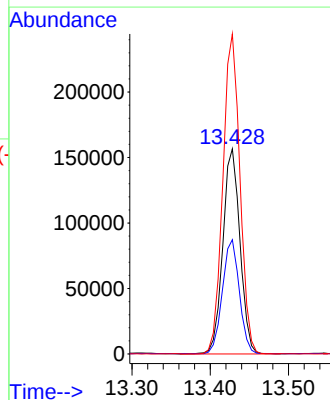
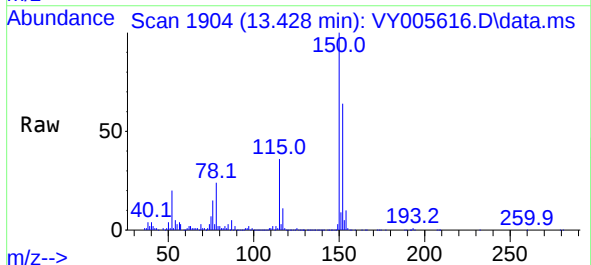
Instrument :
MSVOA_Y
ClientSampleId :
20210595-AMENDED-COM-9

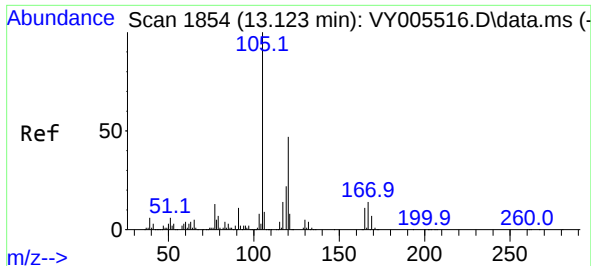
Tgt Ion:	117	Resp:	458189
Ion	Ratio	Lower	Upper
117	100		
82	54.6	43.5	65.3
119	32.4	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005616.D
Acq: 12 Aug 2021 12:46

Tgt Ion:	152	Resp:	238183
Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.3	81.9
150	155.8	0.0	350.2





#84
 1,2,4-Trimethylbenzene
 Concen: 1.119 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: VY005616.D
 Acq: 12 Aug 2021 12:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210595-AMENDED-COM-9

Tgt Ion:105 Resp: 15230
 Ion Ratio Lower Upper
 105 100
 120 32.5 22.9 68.5

