

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007928.D
 Acq On : 19 Mar 2022 02:49
 Operator : SY/MD
 Sample : N1958-08
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-8-7-8

Quant Time: Mar 21 03:19:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

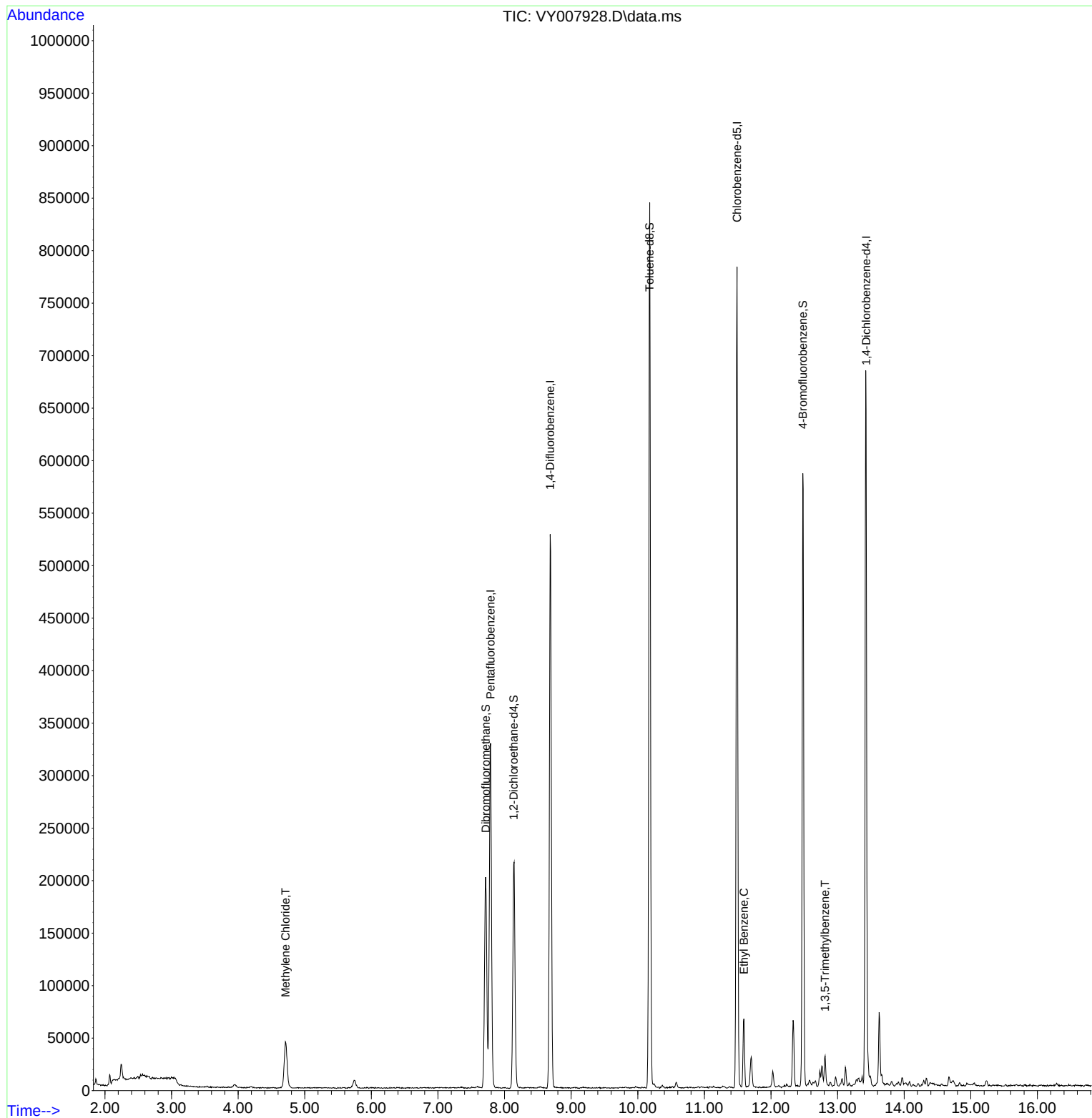
Internal Standards						
1) Pentafluorobenzene	7.789	168	243903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	458665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	411750	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	166546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	161972	58.243	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.480%
35) Dibromofluoromethane	7.716	113	145817	45.268	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.540%
50) Toluene-d8	10.179	98	550756	57.510	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.020%
62) 4-Bromofluorobenzene	12.477	95	190945	41.303	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.600%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.710	84	33969	7.987	ug/l	90
67) Ethyl Benzene	11.593	91	45611	2.596	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	12469	1.034	ug/l	97

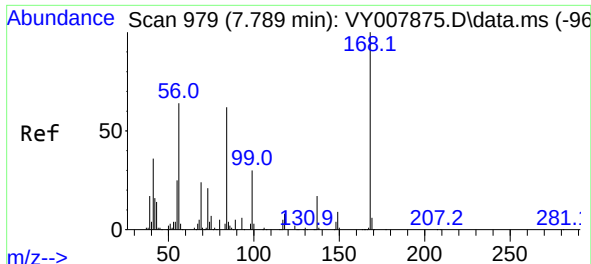
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
Data File : VY007928.D
Acq On : 19 Mar 2022 02:49
Operator : SY/MD
Sample : N1958-08
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C-8-7-8

Quant Time: Mar 21 03:19:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 13:55:34 2022
Response via : Initial Calibration

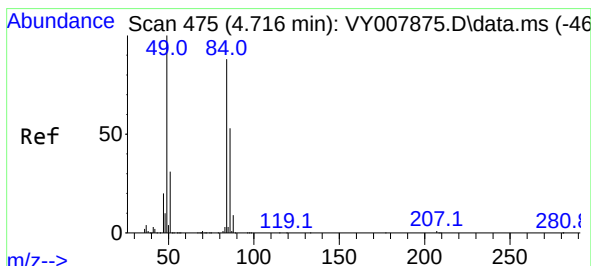
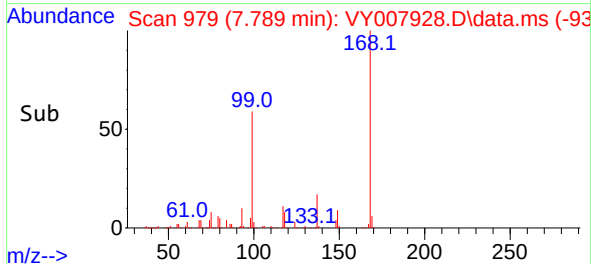
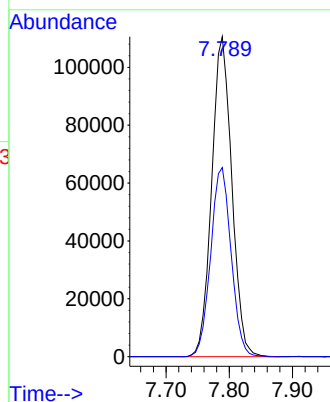
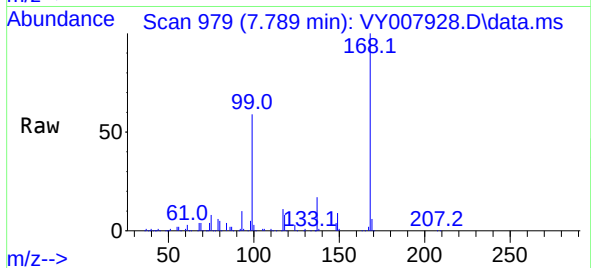




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007928.D
Acq: 19 Mar 2022 02:49

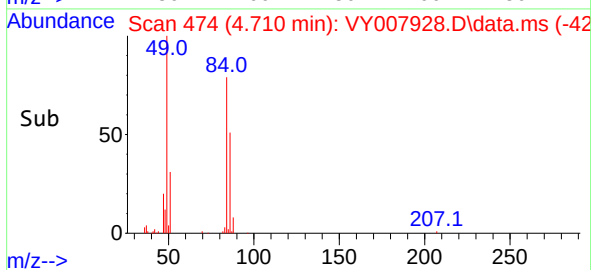
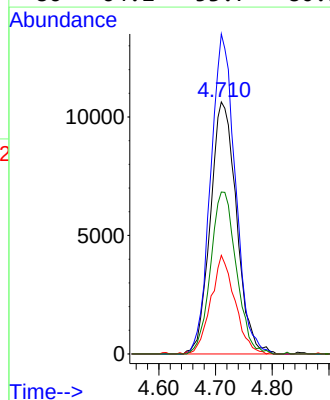
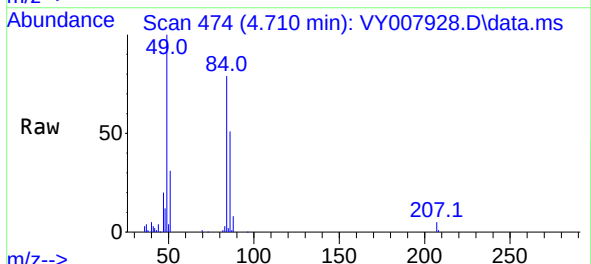
Instrument :
MSVOA_Y
ClientSampleId :
C-8-7-8

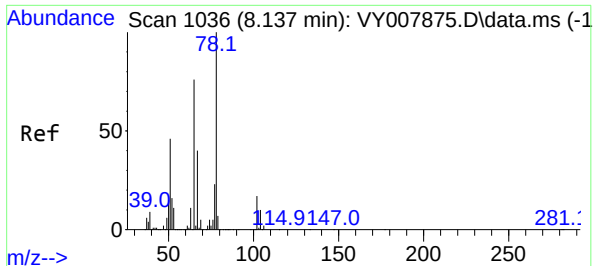
Tgt Ion:168 Resp: 243903
Ion Ratio Lower Upper
168 100
99 59.1 46.9 70.3



#20
Methylene Chloride
Concen: 7.987 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY007928.D
Acq: 19 Mar 2022 02:49

Tgt Ion: 84 Resp: 33969
Ion Ratio Lower Upper
84 100
49 127.0 114.4 171.6
51 39.1 35.3 52.9
86 64.2 53.7 80.5

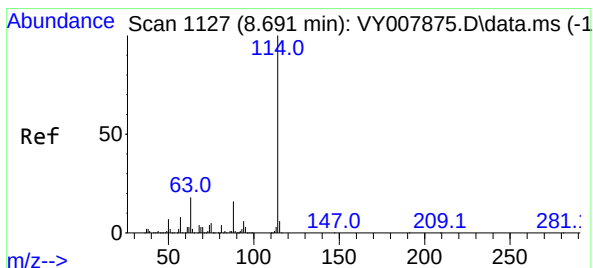
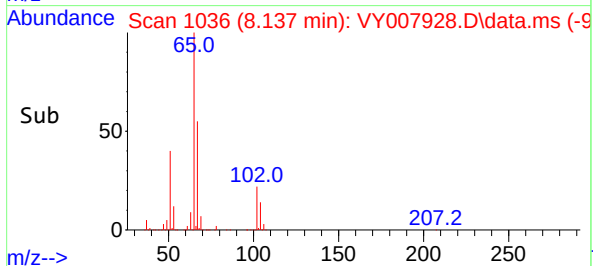
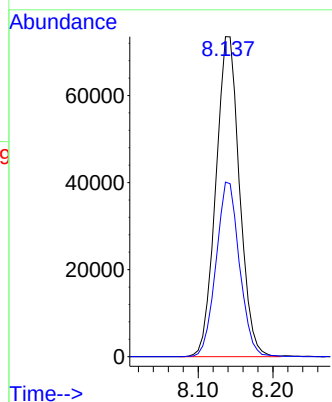
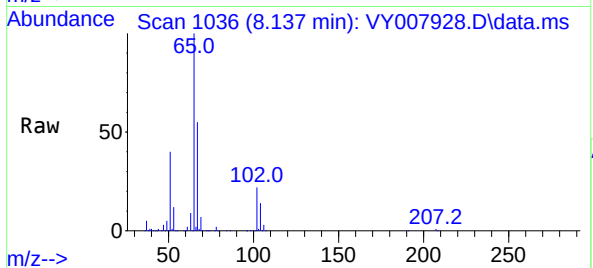




#33
1,2-Dichloroethane-d4
Concen: 58.243 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY007928.D
Acq: 19 Mar 2022 02:49

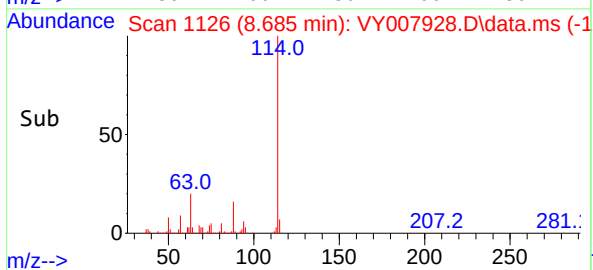
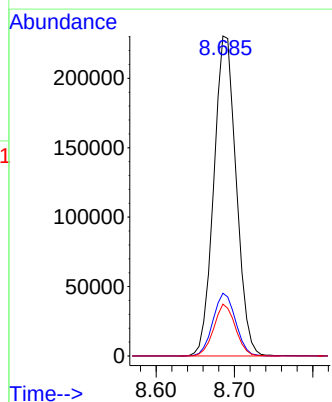
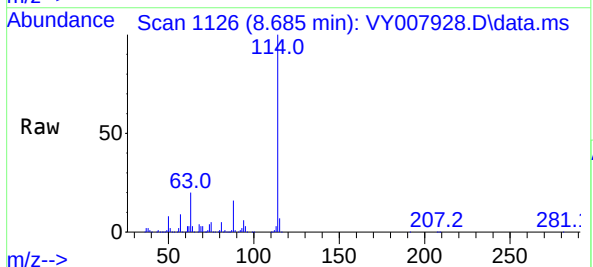
Instrument :
MSVOA_Y
ClientSampleId :
C-8-7-8

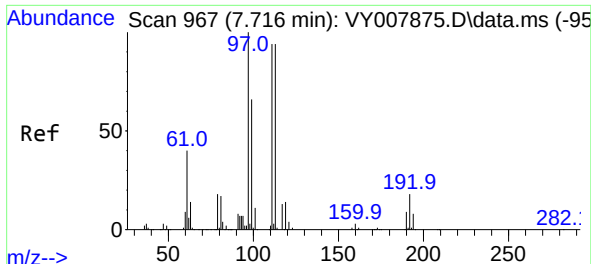
Tgt Ion: 65 Resp: 161972
Ion Ratio Lower Upper
65 100
67 54.2 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY007928.D
Acq: 19 Mar 2022 02:49

Tgt Ion:114 Resp: 458665
Ion Ratio Lower Upper
114 100
63 19.6 0.0 43.2
88 16.2 0.0 31.8

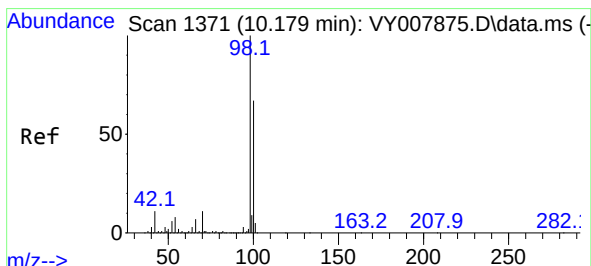
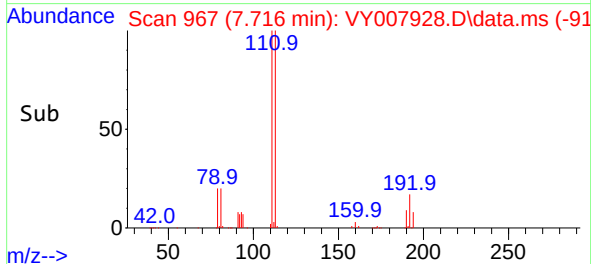
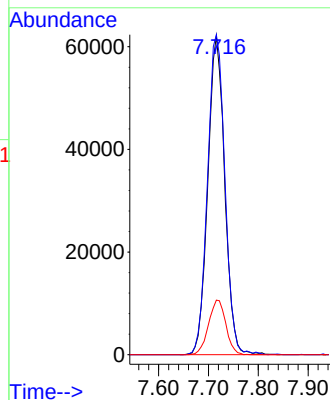
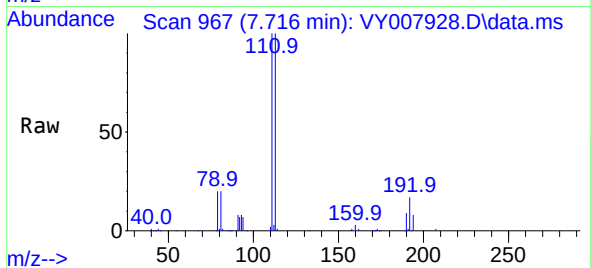




#35
Dibromofluoromethane
Concen: 45.268 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007928.D
Acq: 19 Mar 2022 02:49

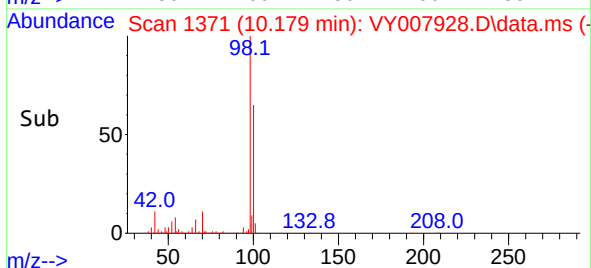
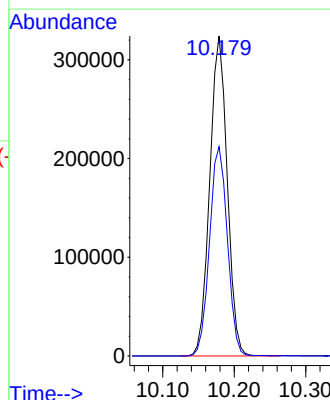
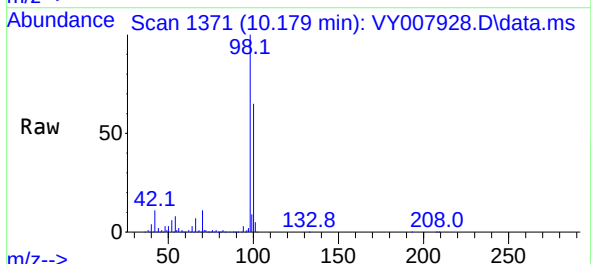
Instrument :
MSVOA_Y
ClientSampleId :
C-8-7-8

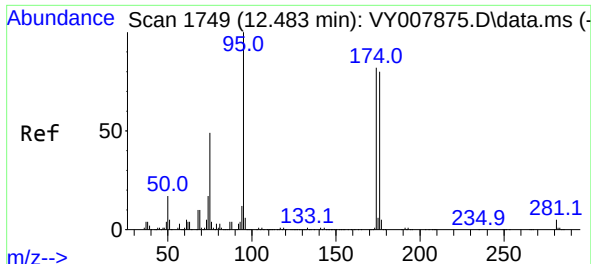
Tgt Ion:113 Resp: 145817
Ion Ratio Lower Upper
113 100
111 103.7 82.6 124.0
192 17.6 17.6 26.4#



#50
Toluene-d8
Concen: 57.510 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007928.D
Acq: 19 Mar 2022 02:49

Tgt Ion: 98 Resp: 550756
Ion Ratio Lower Upper
98 100
100 66.7 50.2 75.2

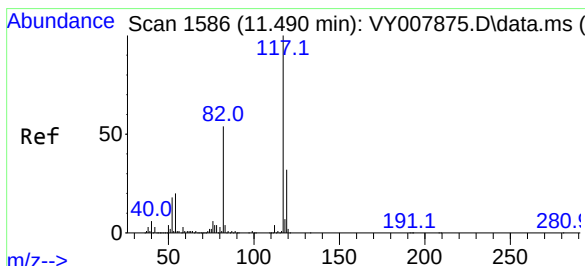
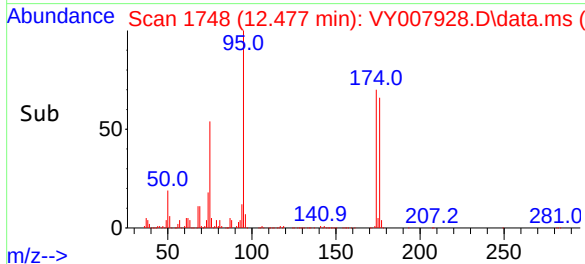
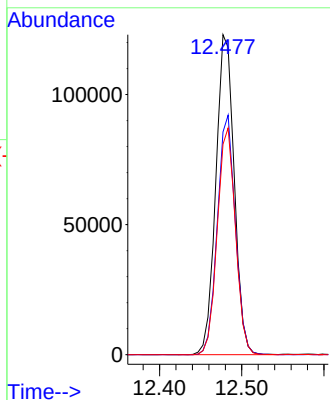
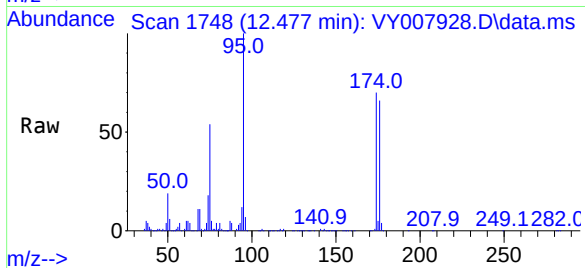




#62
4-Bromofluorobenzene
Concen: 41.303 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007928.D
Acq: 19 Mar 2022 02:49

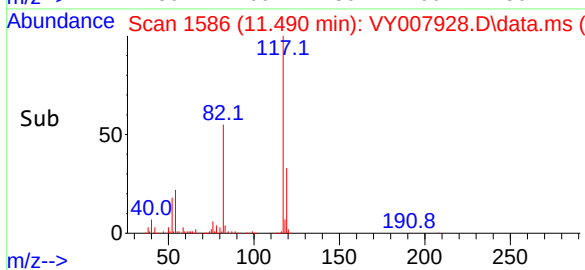
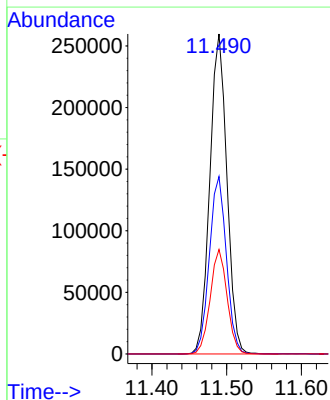
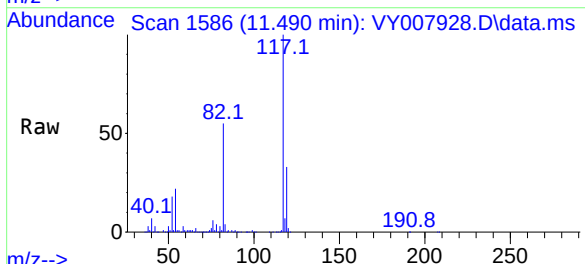
Instrument :
MSVOA_Y
ClientSampleId :
C-8-7-8

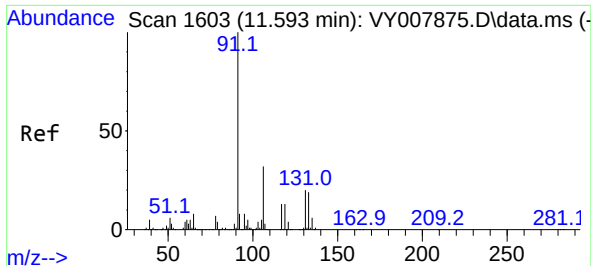
Tgt Ion: 95 Resp: 190945
Ion Ratio Lower Upper
95 100
174 73.3 0.0 177.0
176 70.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007928.D
Acq: 19 Mar 2022 02:49

Tgt Ion: 117 Resp: 411750
Ion Ratio Lower Upper
117 100
82 55.5 43.0 64.4
119 32.6 25.4 38.0

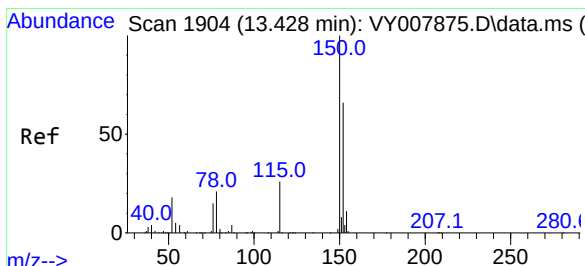
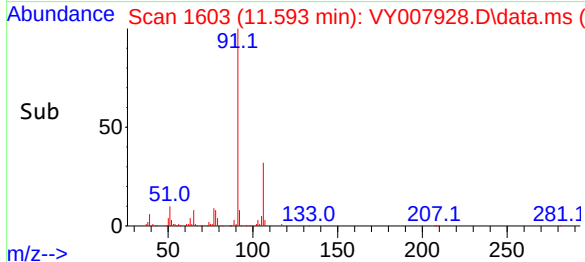
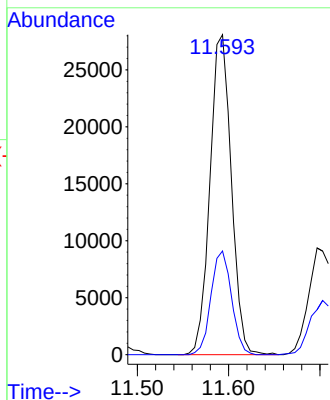
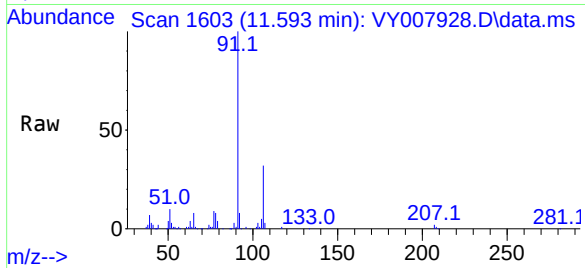




#67
Ethyl Benzene
Concen: 2.596 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY007928.D
Acq: 19 Mar 2022 02:49

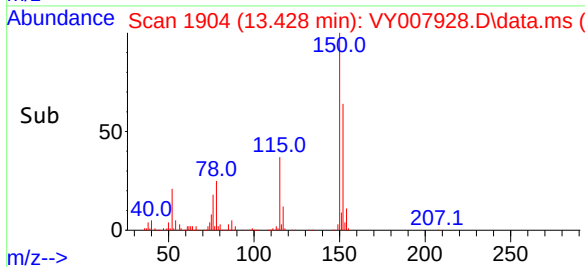
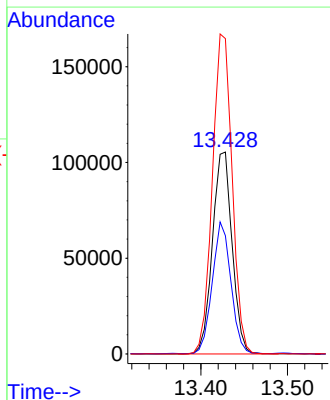
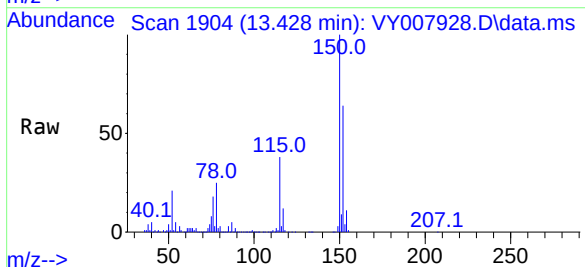
Instrument :
MSVOA_Y
ClientSampleId :
C-8-7-8

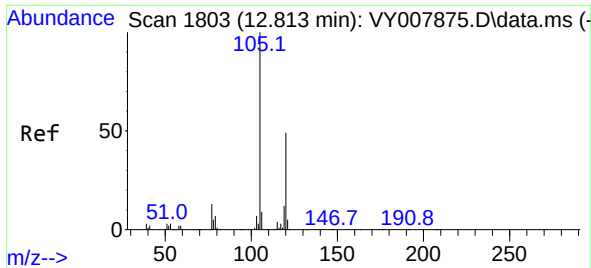
Tgt Ion: 91 Resp: 45611
Ion Ratio Lower Upper
91 100
106 32.4 24.5 36.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY007928.D
Acq: 19 Mar 2022 02:49

Tgt Ion:152 Resp: 166546
Ion Ratio Lower Upper
152 100
115 61.6 28.2 84.7
150 158.6 0.0 347.6





#80
 1,3,5-Trimethylbenzene
 Concen: 1.034 ug/l
 RT: 12.813 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY007928.D
 Acq: 19 Mar 2022 02:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-8-7-8

Tgt Ion:105 Resp: 12469
 Ion Ratio Lower Upper
 105 100
 120 46.8 24.4 73.4

