

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040622\
 Data File : VY008235.D
 Acq On : 06 Apr 2022 15:21
 Operator : SY/MD
 Sample : N2277-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PF-1

Quant Time: Apr 07 02:12:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

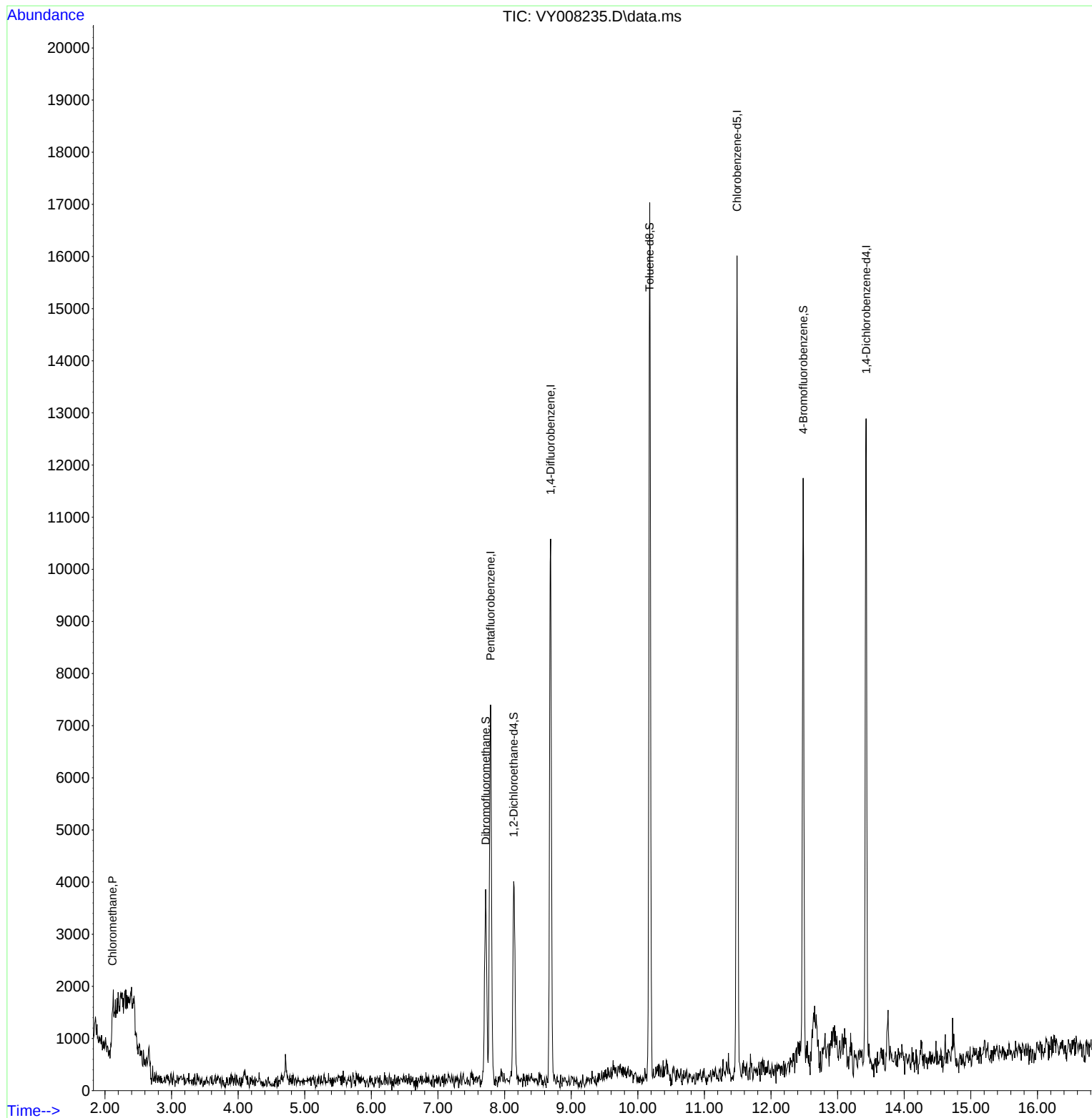
Internal Standards						
1) Pentafluorobenzene	7.789	168	6125	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	9904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	8656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3245	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	3102	50.478	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.960%	
35) Dibromofluoromethane	7.715	113	2846	45.833	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 91.660%	
50) Toluene-d8	10.178	98	11605	49.606	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.220%	
62) 4-Bromofluorobenzene	12.483	95	3584	43.423	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.840%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	245	3.644	ug/l	# 78

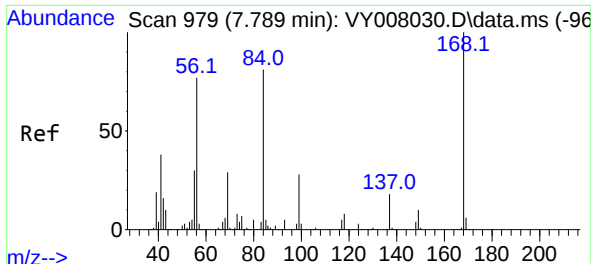
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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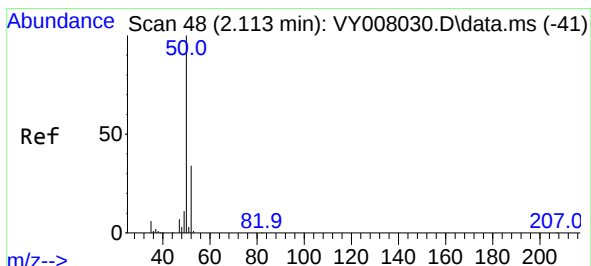
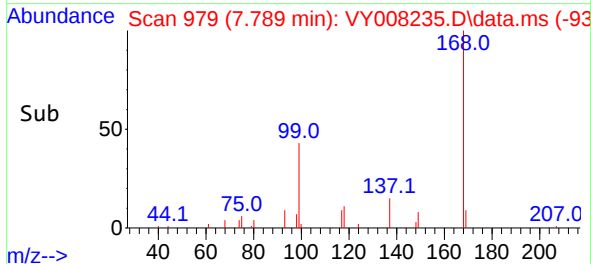
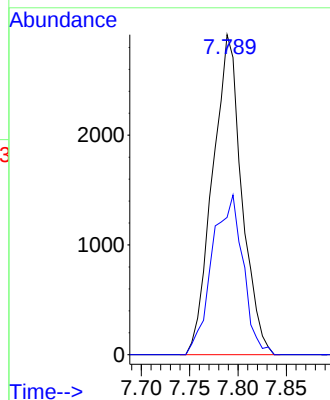
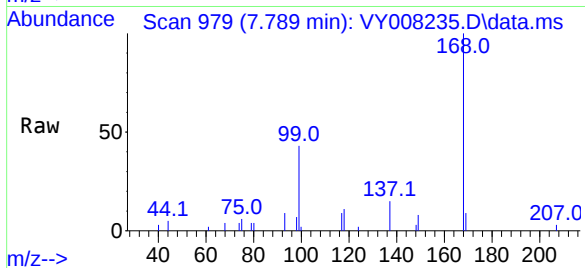




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008235.D
Acq: 06 Apr 2022 15:21

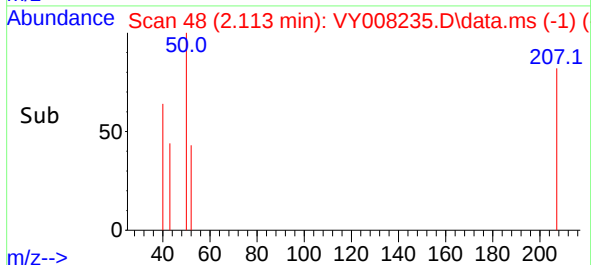
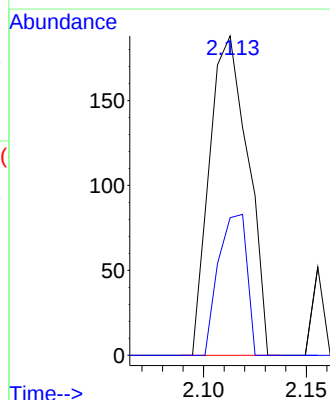
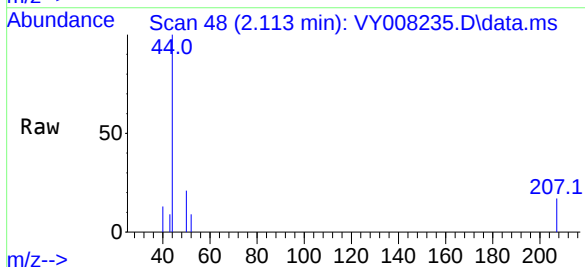
Instrument :
MSVOA_Y
ClientSampleId :
PF-1

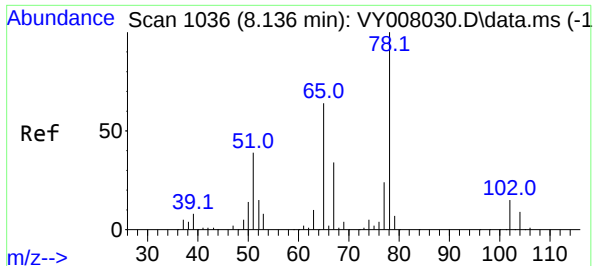
Tgt Ion:168 Resp: 6125
Ion Ratio Lower Upper
168 100
99 42.9 46.9 70.3#



#3
Chloromethane
Concen: 3.644 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY008235.D
Acq: 06 Apr 2022 15:21

Tgt Ion: 50 Resp: 245
Ion Ratio Lower Upper
50 100
52 43.1 24.6 37.0#





#33

1,2-Dichloroethane-d4

Concen: 50.478 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY008235.D

Acq: 06 Apr 2022 15:21

Instrument :

MSVOA_Y

ClientSampleId :

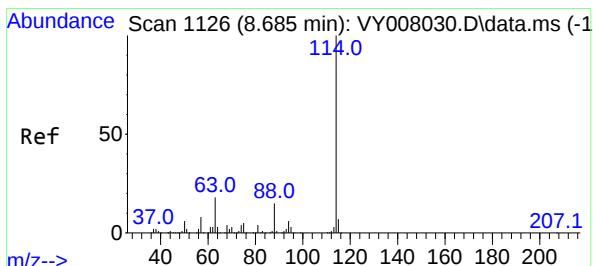
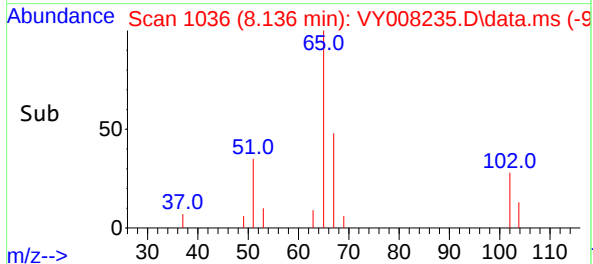
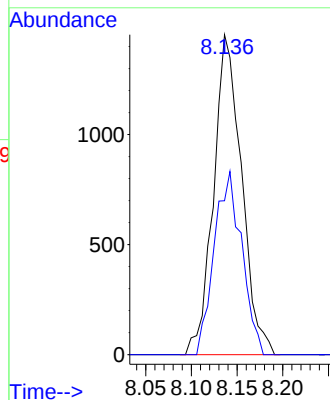
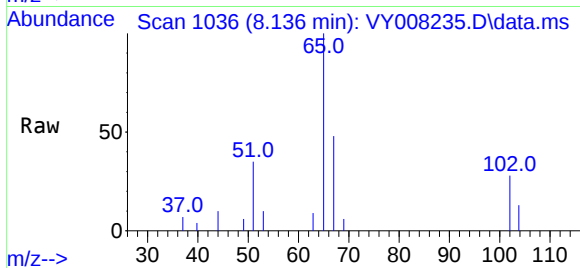
PF-1

Tgt Ion: 65 Resp: 3102

Ion Ratio Lower Upper

65 100

67 56.0 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: VY008235.D

Acq: 06 Apr 2022 15:21

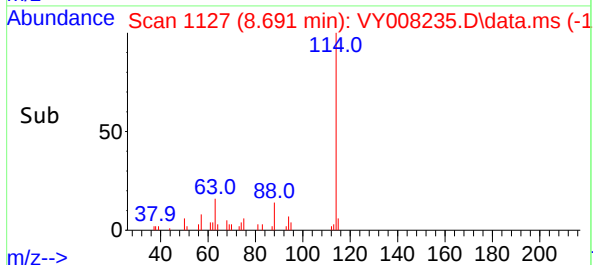
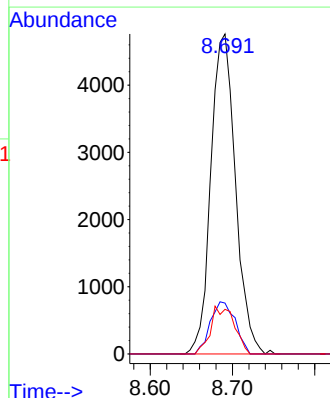
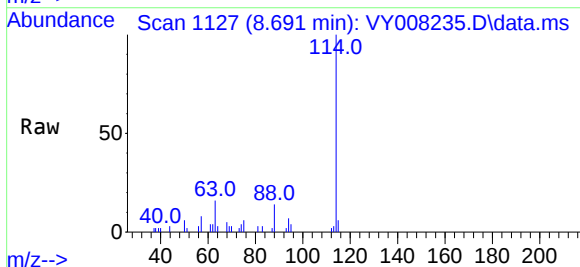
Tgt Ion: 114 Resp: 9904

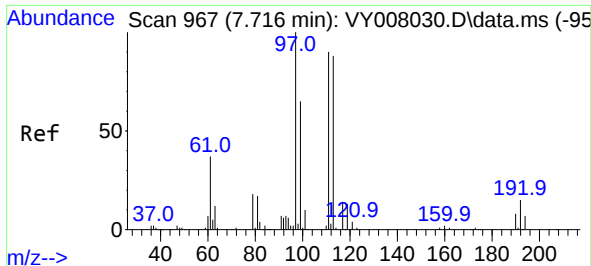
Ion Ratio Lower Upper

114 100

63 15.9 0.0 43.2

88 14.0 0.0 31.8

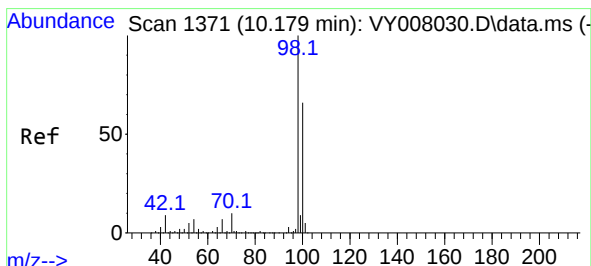
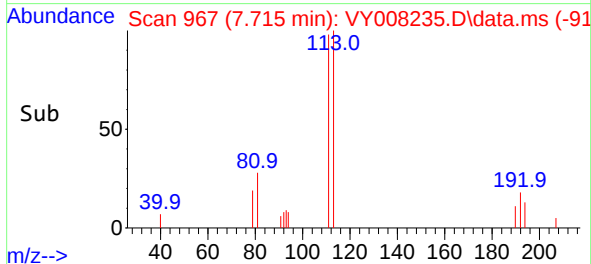
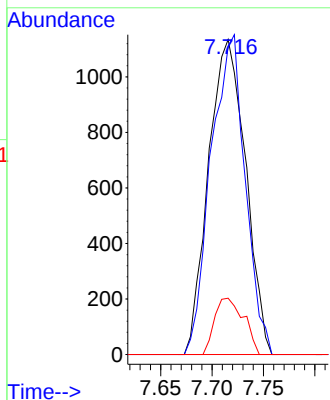
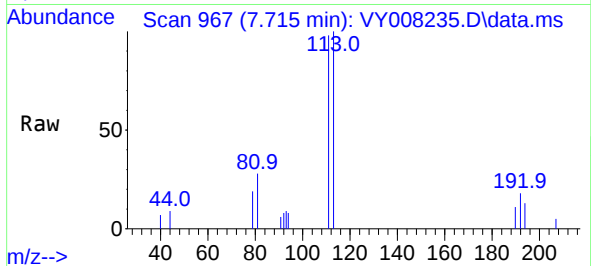




#35
Dibromofluoromethane
Concen: 45.833 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY008235.D
Acq: 06 Apr 2022 15:21

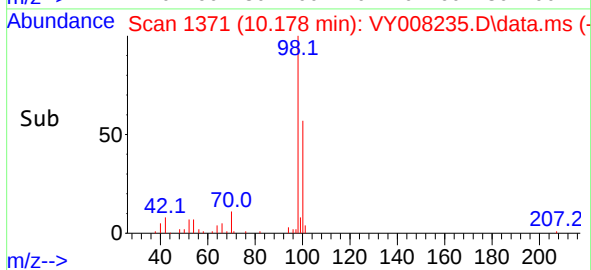
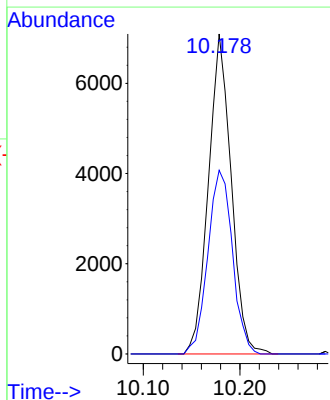
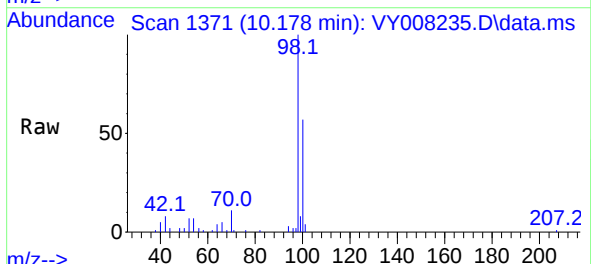
Instrument :
MSVOA_Y
ClientSampleId :
PF-1

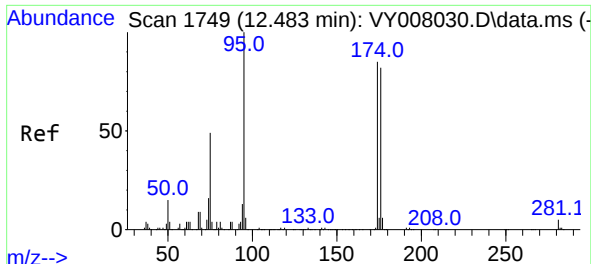
Tgt Ion:113 Resp: 2846
Ion Ratio Lower Upper
113 100
111 93.7 82.6 124.0
192 14.1 17.6 26.4#



#50
Toluene-d8
Concen: 49.606 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY008235.D
Acq: 06 Apr 2022 15:21

Tgt Ion: 98 Resp: 11605
Ion Ratio Lower Upper
98 100
100 62.0 50.2 75.2

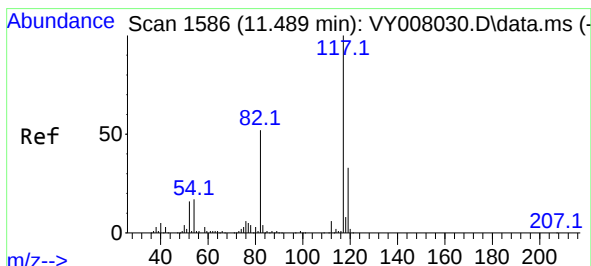
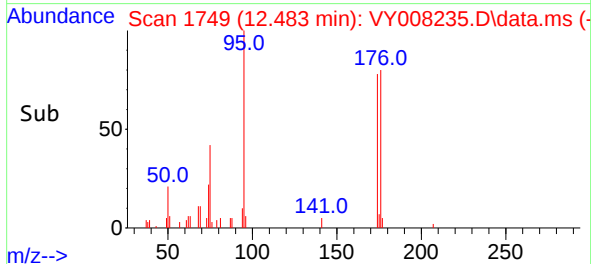
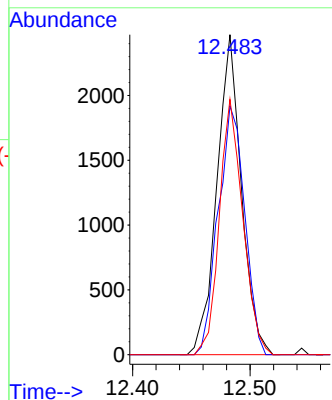
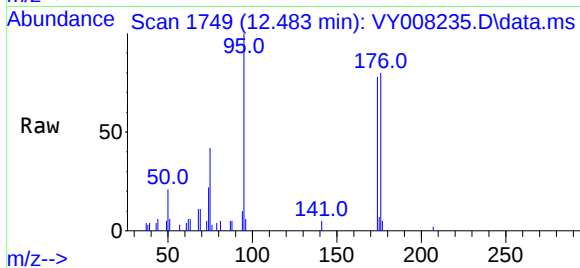




#62
4-Bromofluorobenzene
Concen: 43.423 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008235.D
Acq: 06 Apr 2022 15:21

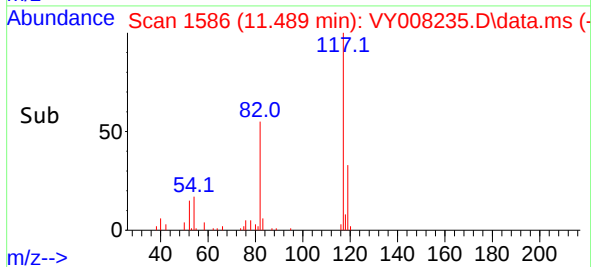
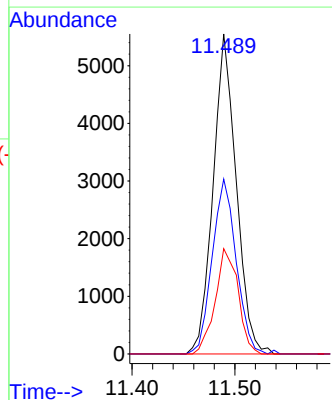
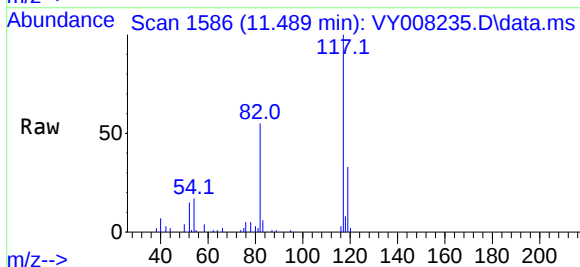
Instrument :
MSVOA_Y
ClientSampleId :
PF-1

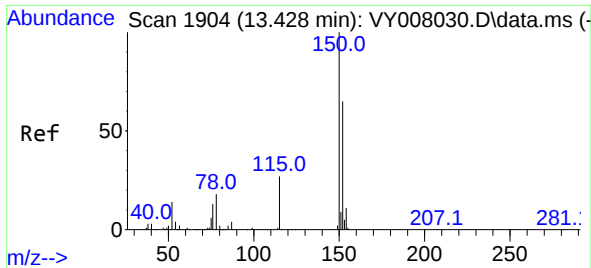
Tgt Ion:	95	Resp:	3584
Ion	Ratio	Lower	Upper
95	100		
174	83.8	0.0	177.0
176	76.2	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008235.D
Acq: 06 Apr 2022 15:21

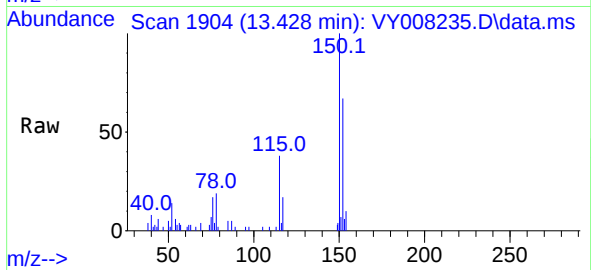
Tgt Ion:	117	Resp:	8656
Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.0	64.4
119	32.9	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY008235.D
 Acq: 06 Apr 2022 15:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 PF-1



Tgt Ion:152 Resp: 3245

Ion	Ratio	Lower	Upper
152	100		
115	59.4	28.2	84.7
150	154.1	0.0	347.6

