

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102621\
 Data File : VY006489.D
 Acq On : 26 Oct 2021 18:22
 Operator : SY/MD
 Sample : M4336-08
 Misc : 5.09G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 G3

Quant Time: Oct 27 05:27:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

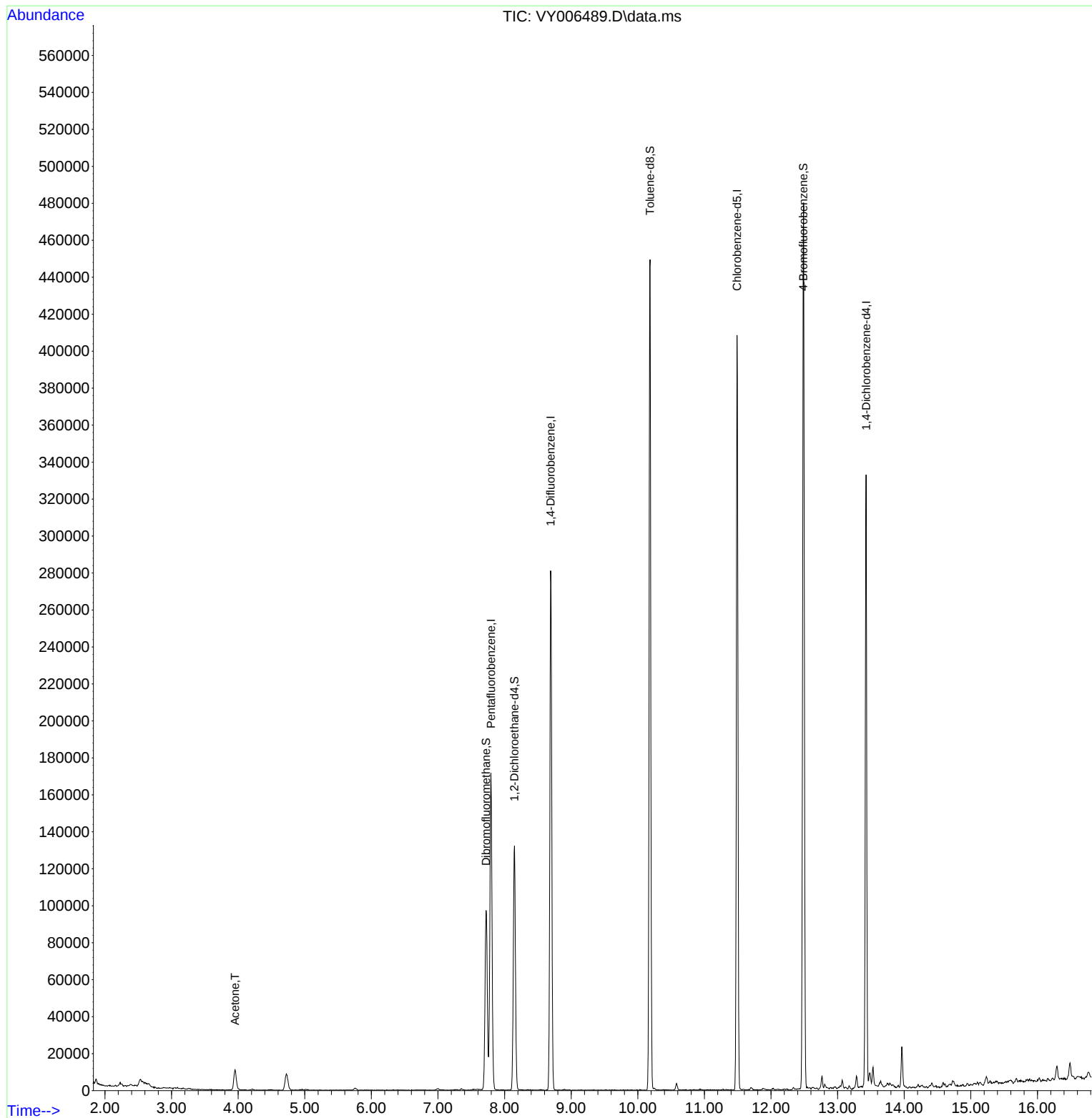
Internal Standards						
1) Pentafluorobenzene	7.795	168	126734	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	222175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	200658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	106411	68.232	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.460%	
35) Dibromofluoromethane	7.722	113	67084	54.173	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.340%	
50) Toluene-d8	10.185	98	285807	54.445	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.880%	
62) 4-Bromofluorobenzene	12.483	95	84774	47.940	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.880%	
Target Compounds						
16) Acetone	3.954	43	19560	43.557	ug/l	Qvalue 94

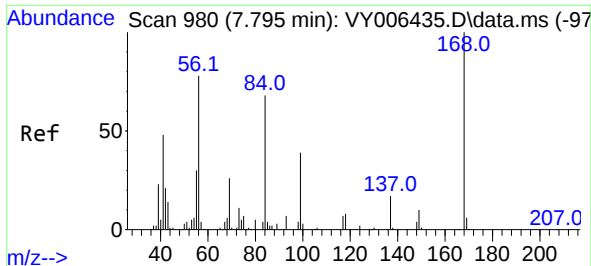
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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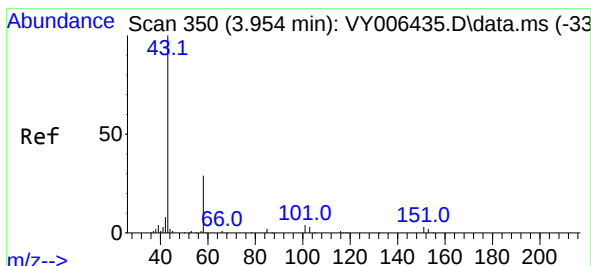
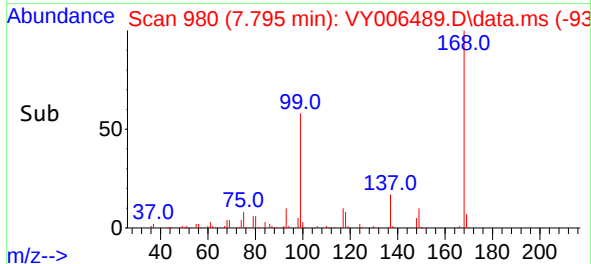
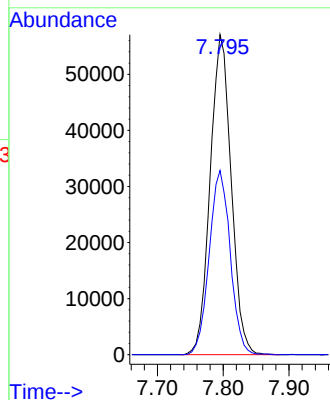
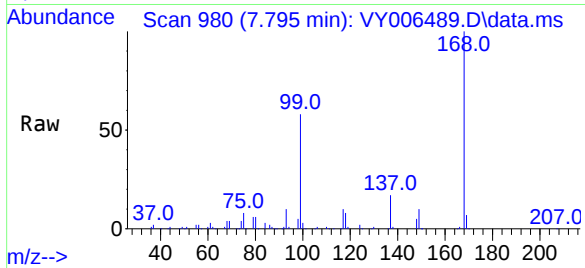




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006489.D
Acq: 26 Oct 2021 18:22

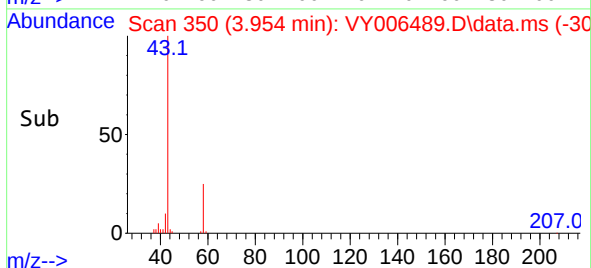
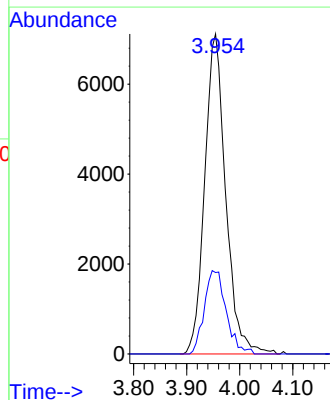
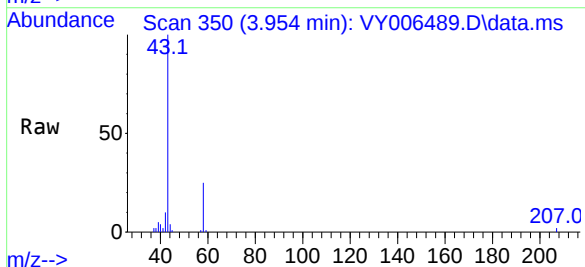
Instrument :
MSVOA_Y
ClientSampleId :
G3

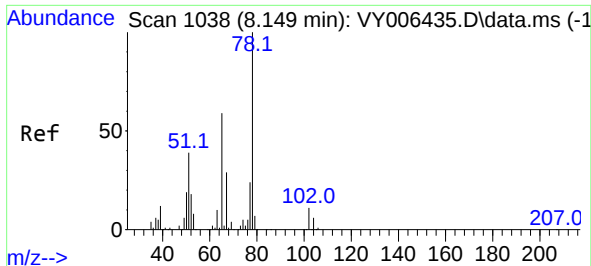
Tgt Ion:168 Resp: 126734
Ion Ratio Lower Upper
168 100
99 57.6 44.8 67.2



#16
Acetone
Concen: 43.557 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006489.D
Acq: 26 Oct 2021 18:22

Tgt Ion: 43 Resp: 19560
Ion Ratio Lower Upper
43 100
58 25.5 22.9 34.3





#33

1,2-Dichloroethane-d4

Concen: 68.232 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY006489.D

Acq: 26 Oct 2021 18:22

Instrument :

MSVOA_Y

ClientSampleId :

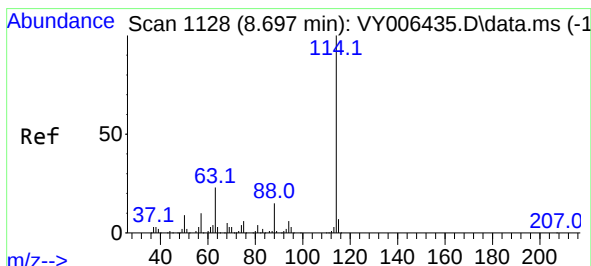
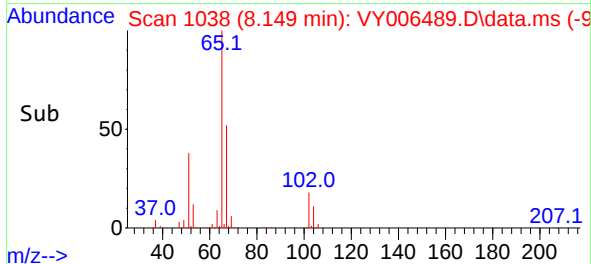
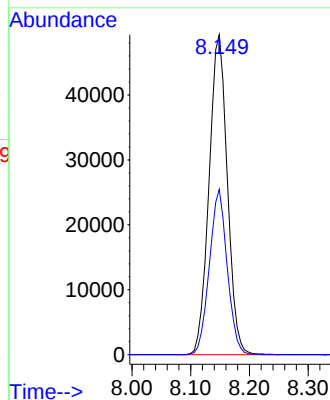
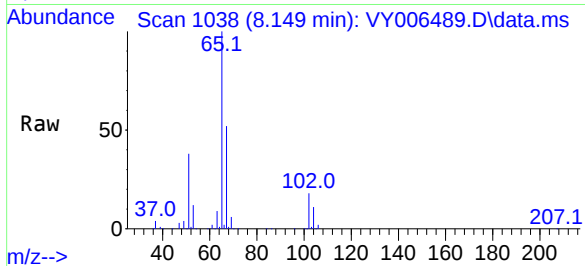
G3

Tgt Ion: 65 Resp: 106411

Ion Ratio Lower Upper

65 100

67 50.3 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY006489.D

Acq: 26 Oct 2021 18:22

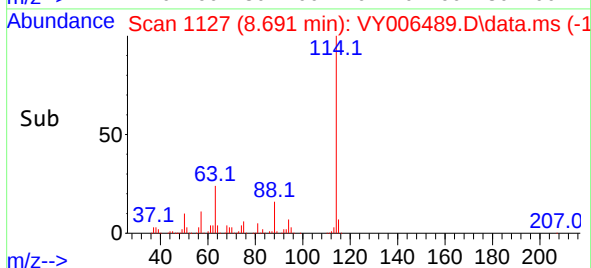
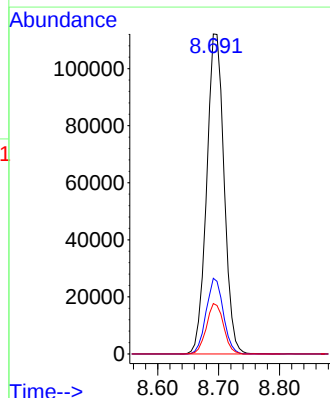
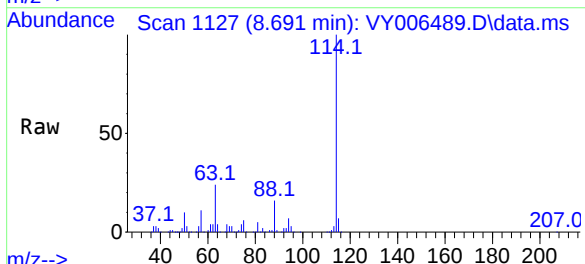
Tgt Ion: 114 Resp: 222175

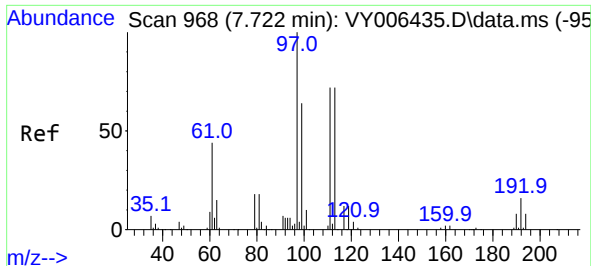
Ion Ratio Lower Upper

114 100

63 23.6 0.0 45.0

88 15.8 0.0 30.6

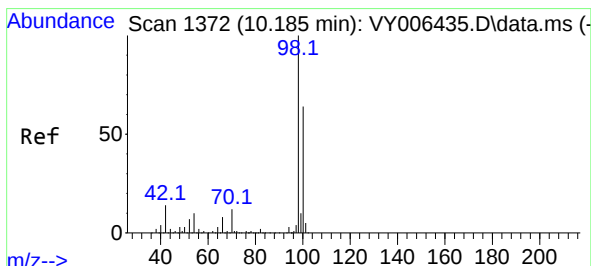
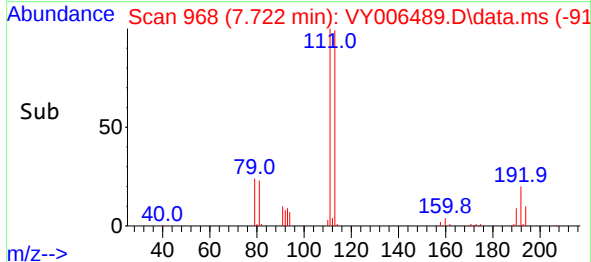
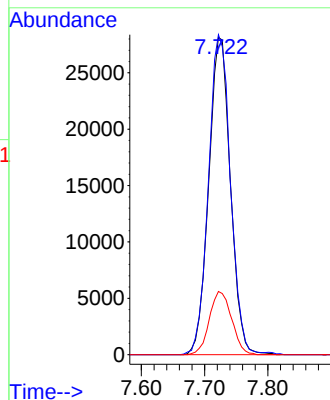
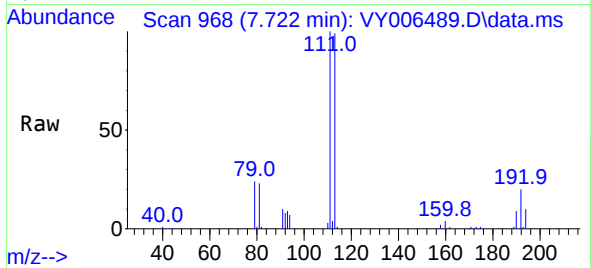




#35
Dibromofluoromethane
Concen: 54.173 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY006489.D
Acq: 26 Oct 2021 18:22

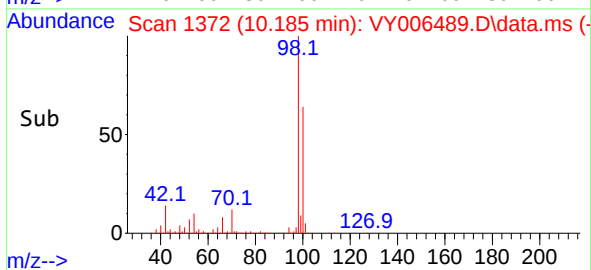
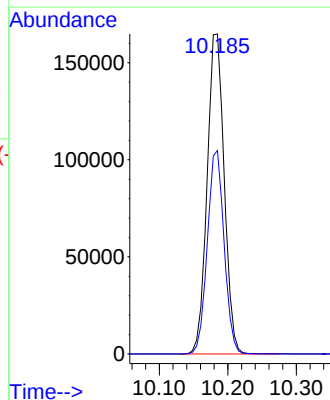
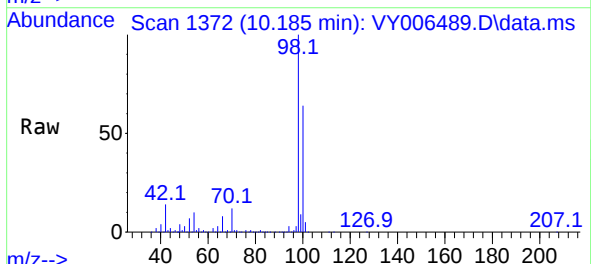
Instrument :
MSVOA_Y
ClientSampleId :
G3

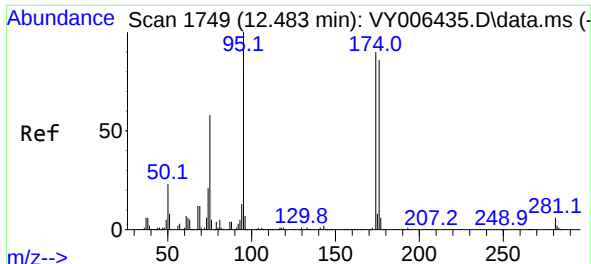
Tgt Ion:113 Resp: 67084
Ion Ratio Lower Upper
113 100
111 102.1 82.3 123.5
192 20.5 17.4 26.2



#50
Toluene-d8
Concen: 54.445 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006489.D
Acq: 26 Oct 2021 18:22

Tgt Ion: 98 Resp: 285807
Ion Ratio Lower Upper
98 100
100 62.4 50.9 76.3

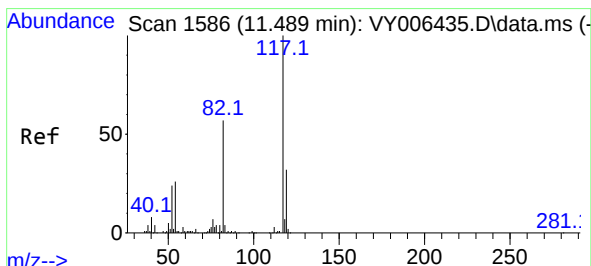
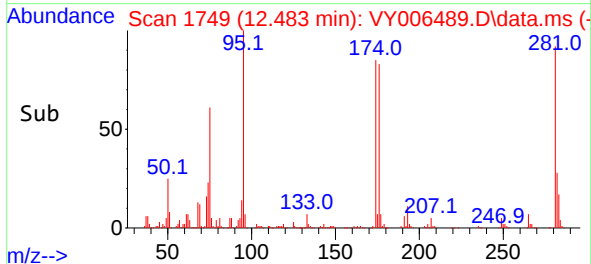
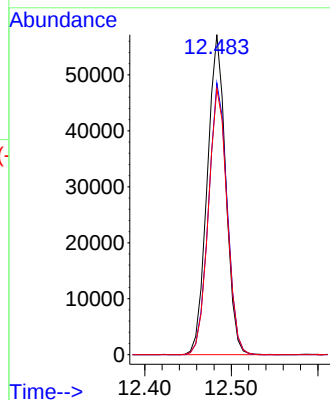
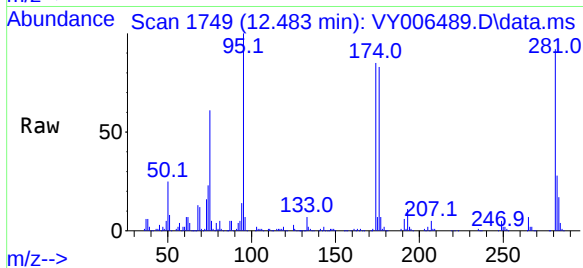




#62
4-Bromofluorobenzene
Concen: 47.940 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006489.D
Acq: 26 Oct 2021 18:22

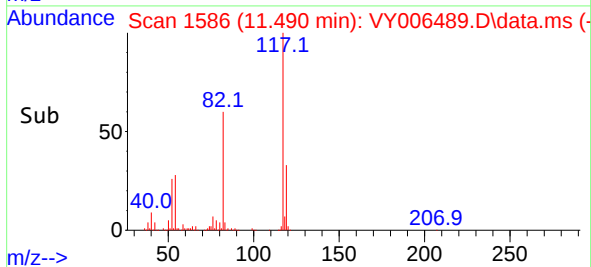
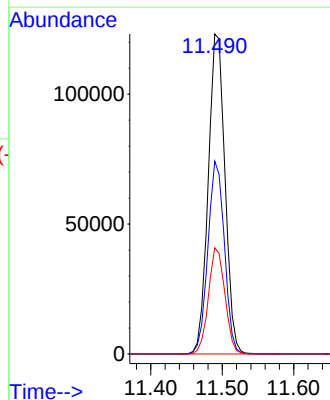
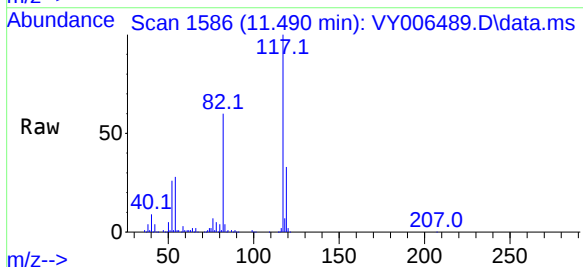
Instrument :
MSVOA_Y
ClientSampleId :
G3

Tgt Ion: 95 Resp: 84774
Ion Ratio Lower Upper
95 100
174 85.5 0.0 177.0
176 84.1 0.0 169.4

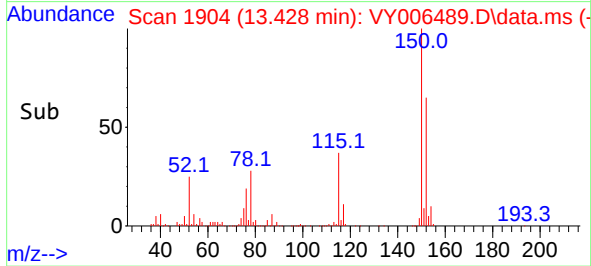
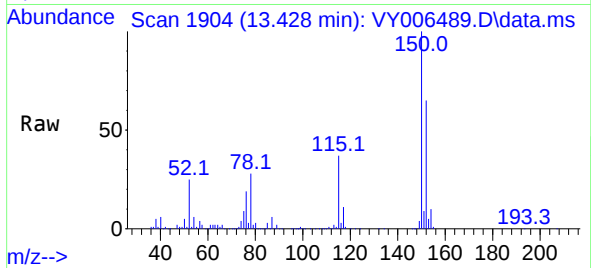
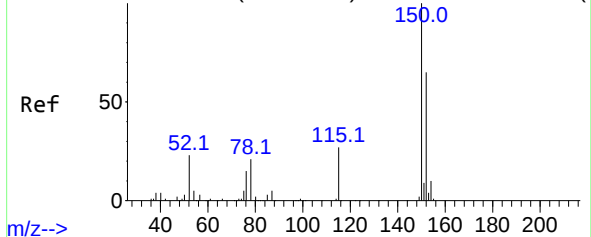


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY006489.D
Acq: 26 Oct 2021 18:22

Tgt Ion: 117 Resp: 200658
Ion Ratio Lower Upper
117 100
82 60.2 45.7 68.5
119 33.2 25.5 38.3



Abundance Scan 1904 (13.428 min): VY006435.D\data.ms (-



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006489.D
Acq: 26 Oct 2021 18:22

Instrument :
MSVOA_Y
ClientSampleId :
G3

Tgt Ion:	152	Resp:	76254
Ion	Ratio	Lower	Upper
152	100		
115	57.0	28.5	85.5
150	156.9	0.0	348.2

