

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102621\
 Data File : VY006487.D
 Acq On : 26 Oct 2021 17:34
 Operator : SY/MD
 Sample : M4336-06
 Misc : 5.20G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 G1

Quant Time: Oct 27 05:27:01 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)

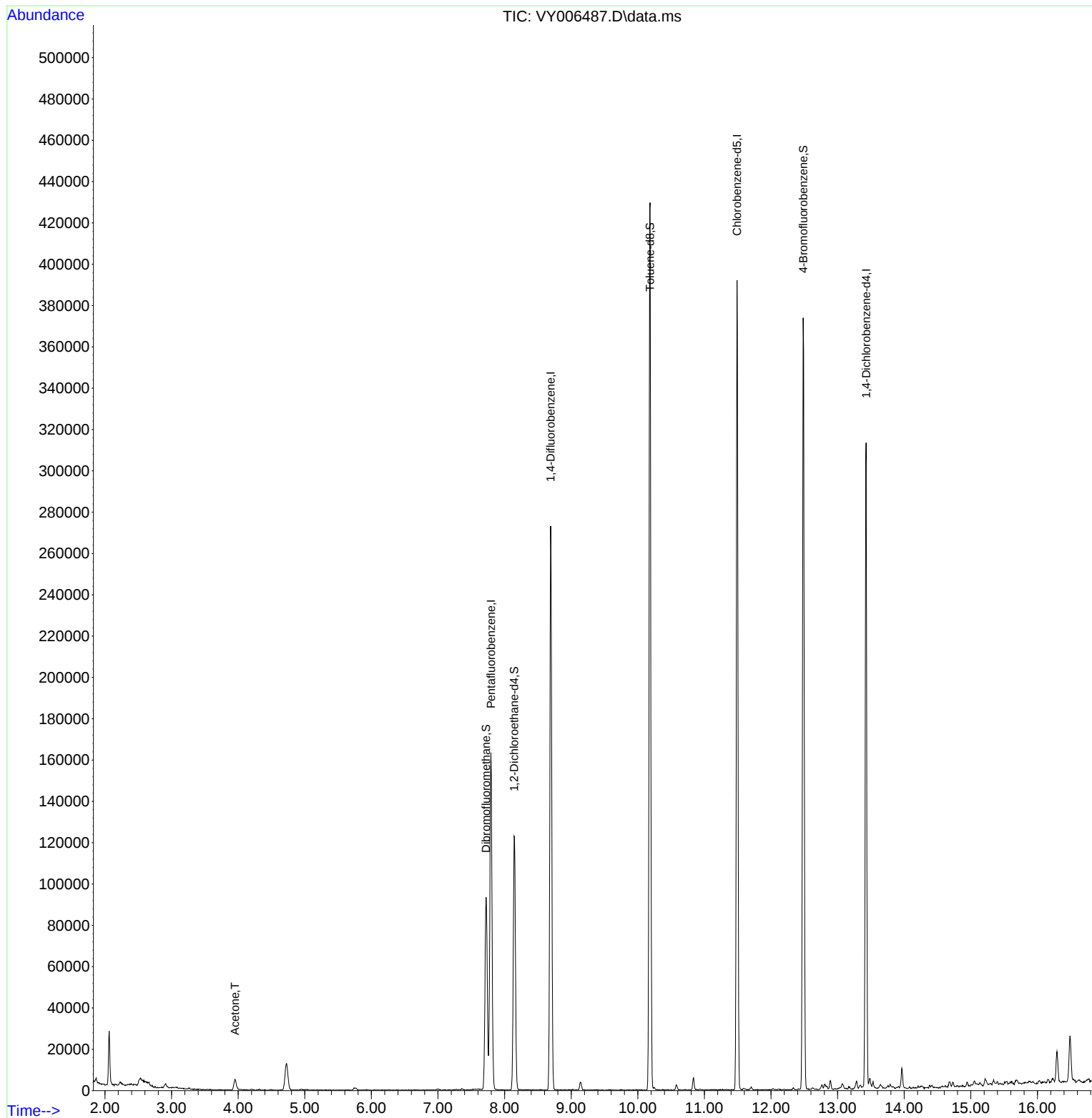
Internal Standards						
1) Pentafluorobenzene	7.795	168	123414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	212575	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	195810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74504	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	100760	66.35	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 132.70%		
35) Dibromofluoromethane	7.722	113	64739	54.64	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 109.28%		
50) Toluene-d8	10.185	98	271772	54.11	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 108.22%		
62) 4-Bromofluorobenzene	12.483	95	81773	48.33	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 96.66%		
Target Compounds						
16) Acetone	3.954	43	9154	20.93	ug/l	Qvalue 93

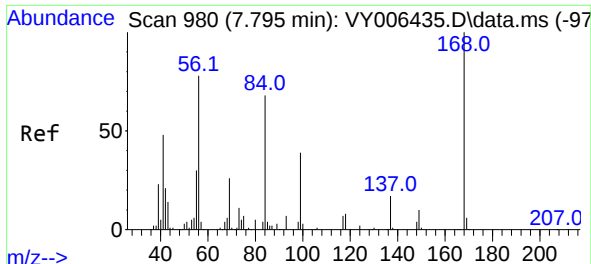
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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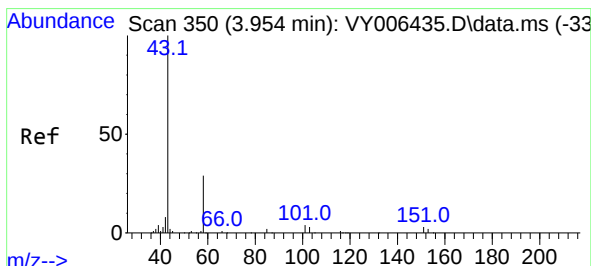
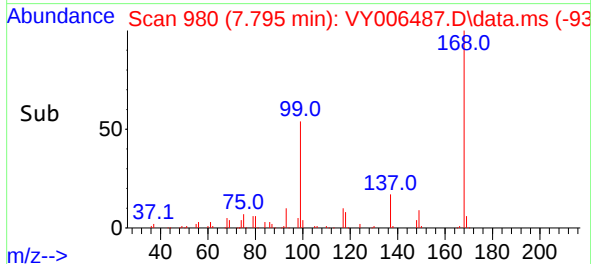
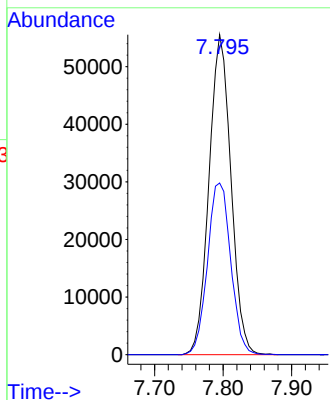
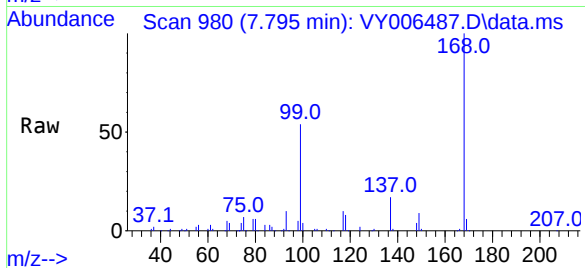




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006487.D
Acq: 26 Oct 2021 17:34

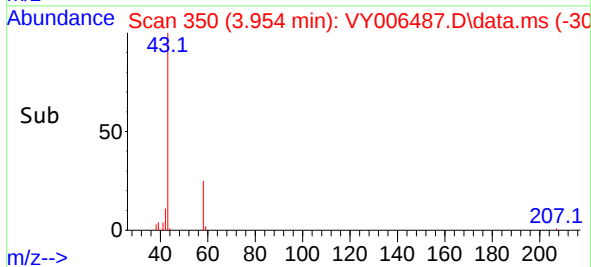
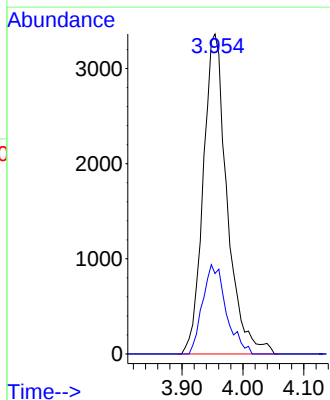
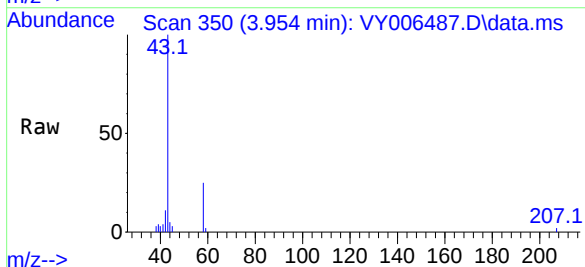
Instrument :
MSVOA_Y
ClientSampleId :
G1

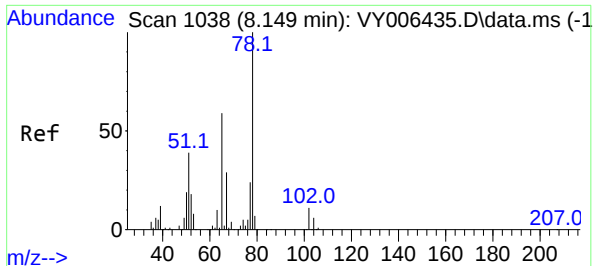
Tgt Ion:168 Resp: 123414
Ion Ratio Lower Upper
168 100
99 53.6 44.8 67.2



#16
Acetone
Concen: 20.93 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY006487.D
Acq: 26 Oct 2021 17:34

Tgt Ion: 43 Resp: 9154
Ion Ratio Lower Upper
43 100
58 25.1 22.9 34.3





#33

1,2-Dichloroethane-d4

Concen: 66.35 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY006487.D

Acq: 26 Oct 2021 17:34

Instrument :

MSVOA_Y

ClientSampleId :

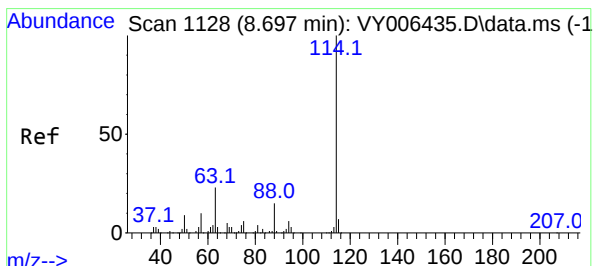
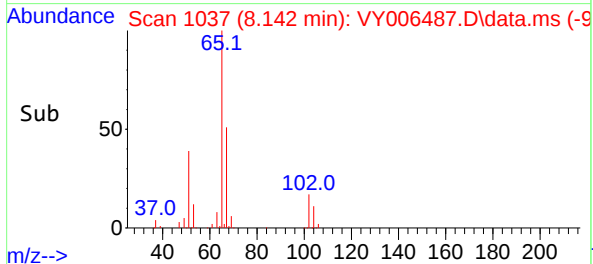
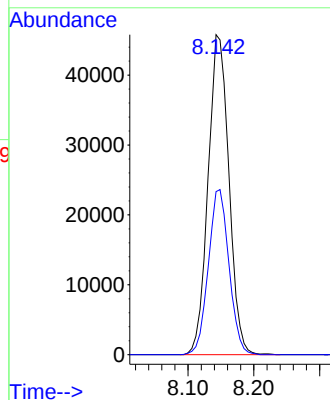
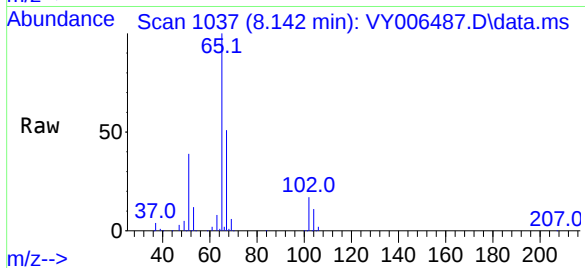
G1

Tgt Ion: 65 Resp: 100760

Ion Ratio Lower Upper

65 100

67 51.2 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY006487.D

Acq: 26 Oct 2021 17:34

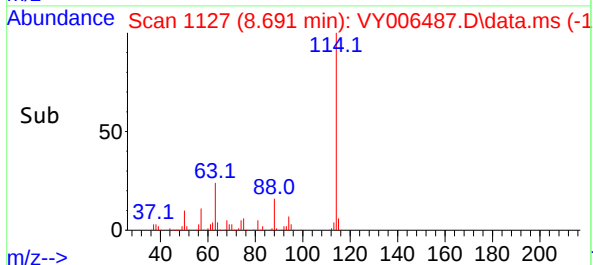
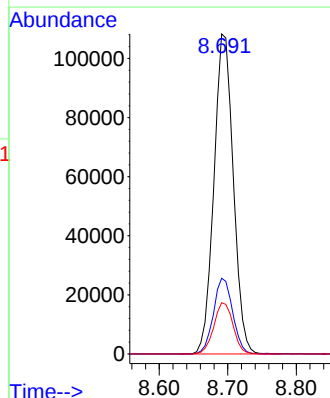
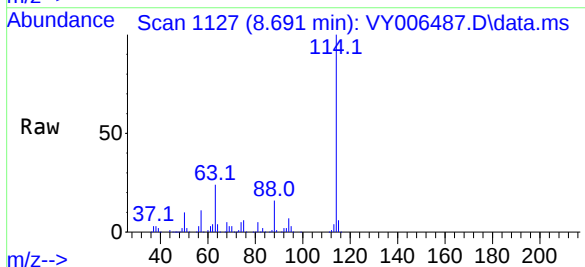
Tgt Ion: 114 Resp: 212575

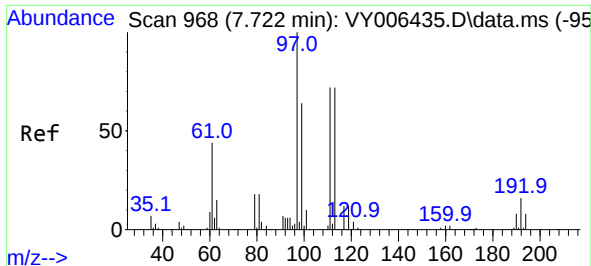
Ion Ratio Lower Upper

114 100

63 23.7 0.0 45.0

88 16.0 0.0 30.6

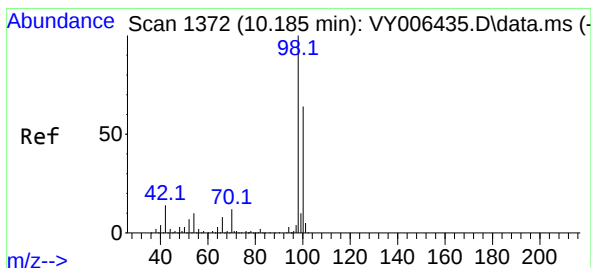
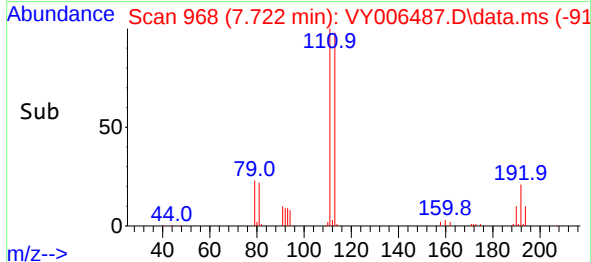
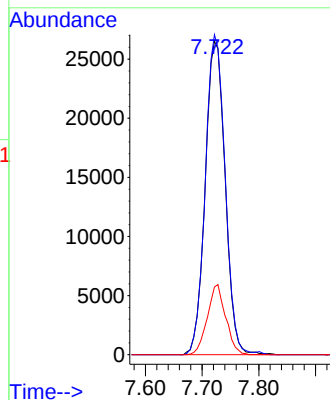
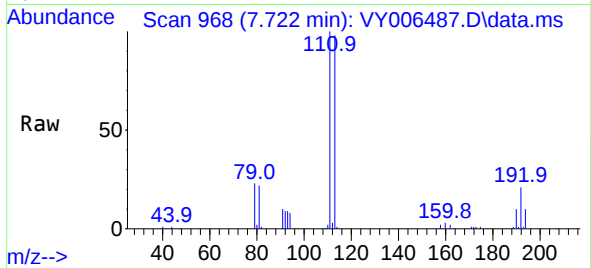




#35
Dibromofluoromethane
Concen: 54.64 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006487.D
Acq: 26 Oct 2021 17:34

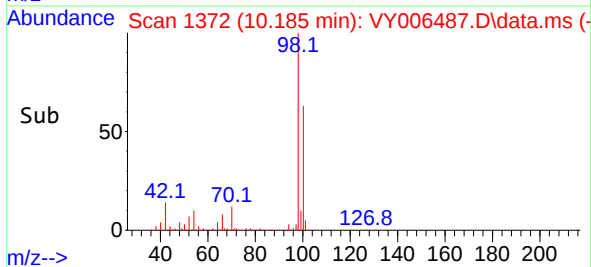
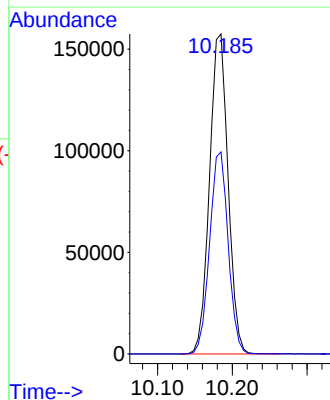
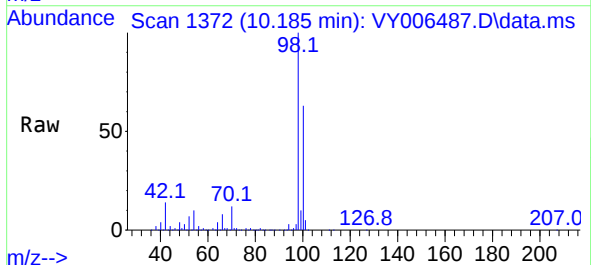
Instrument :
MSVOA_Y
ClientSampleId :
G1

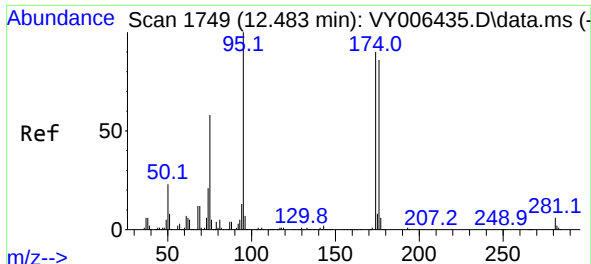
Tgt Ion:113 Resp: 64739
Ion Ratio Lower Upper
113 100
111 101.5 82.3 123.5
192 20.6 17.4 26.2



#50
Toluene-d8
Concen: 54.11 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006487.D
Acq: 26 Oct 2021 17:34

Tgt Ion: 98 Resp: 271772
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3

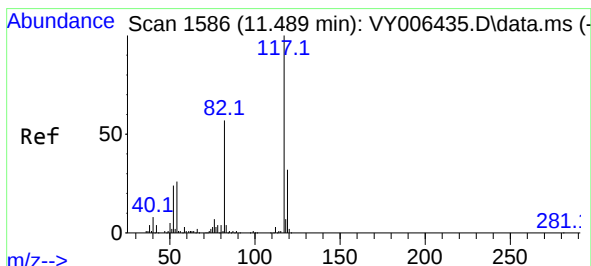
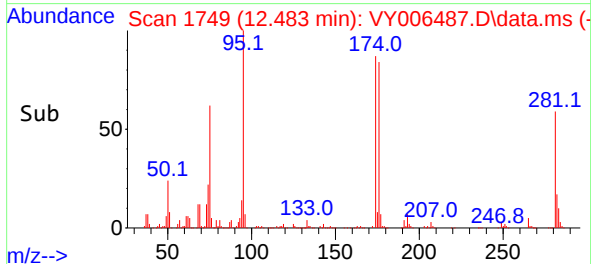
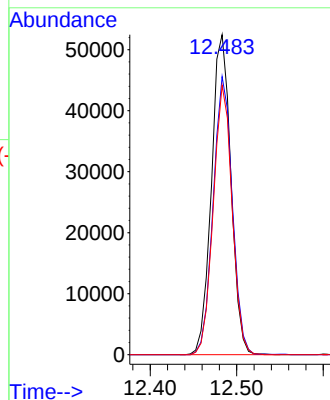
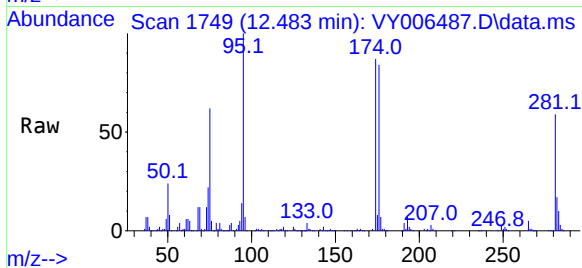




#62
4-Bromofluorobenzene
Concen: 48.33 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006487.D
Acq: 26 Oct 2021 17:34

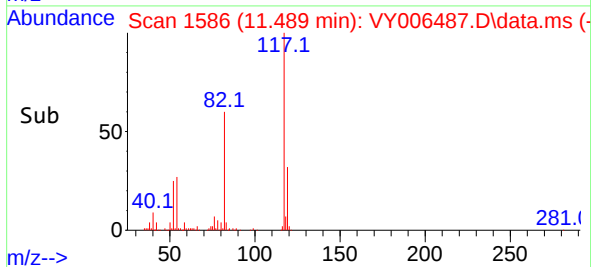
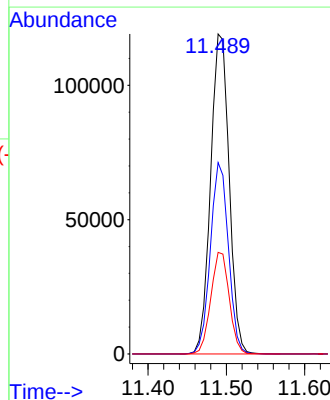
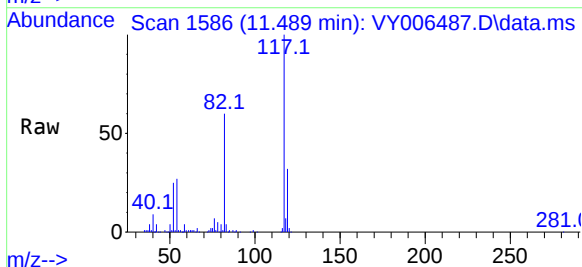
Instrument :
MSVOA_Y
ClientSampleId :
G1

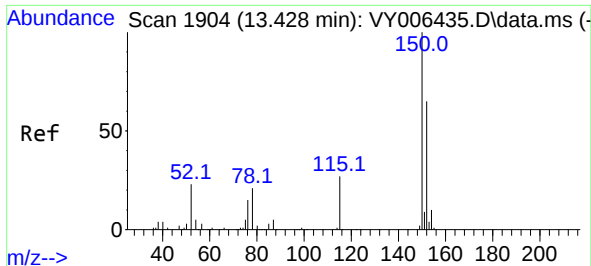
Tgt Ion: 95 Resp: 81773
Ion Ratio Lower Upper
95 100
174 85.5 0.0 177.0
176 81.7 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY006487.D
Acq: 26 Oct 2021 17:34

Tgt Ion: 117 Resp: 195810
Ion Ratio Lower Upper
117 100
82 59.8 45.7 68.5
119 31.8 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY006487.D

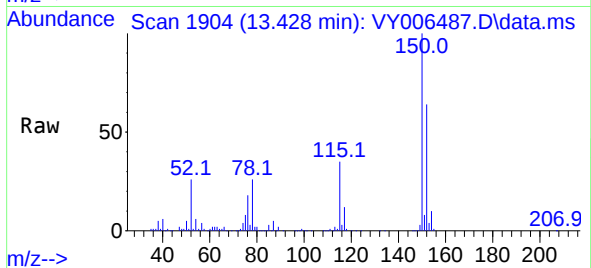
Acq: 26 Oct 2021 17:34

Instrument :

MSVOA_Y

ClientSampleId :

G1



Tgt Ion:152 Resp: 74504

Ion Ratio Lower Upper

152 100

115 57.3 28.5 85.5

150 156.7 0.0 348.2

