

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012422\
 Data File : VY007272.D
 Acq On : 24 Jan 2022 16:34
 Operator : SY/MD
 Sample : N1233-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT4743

Quant Time: Jan 25 00:34:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

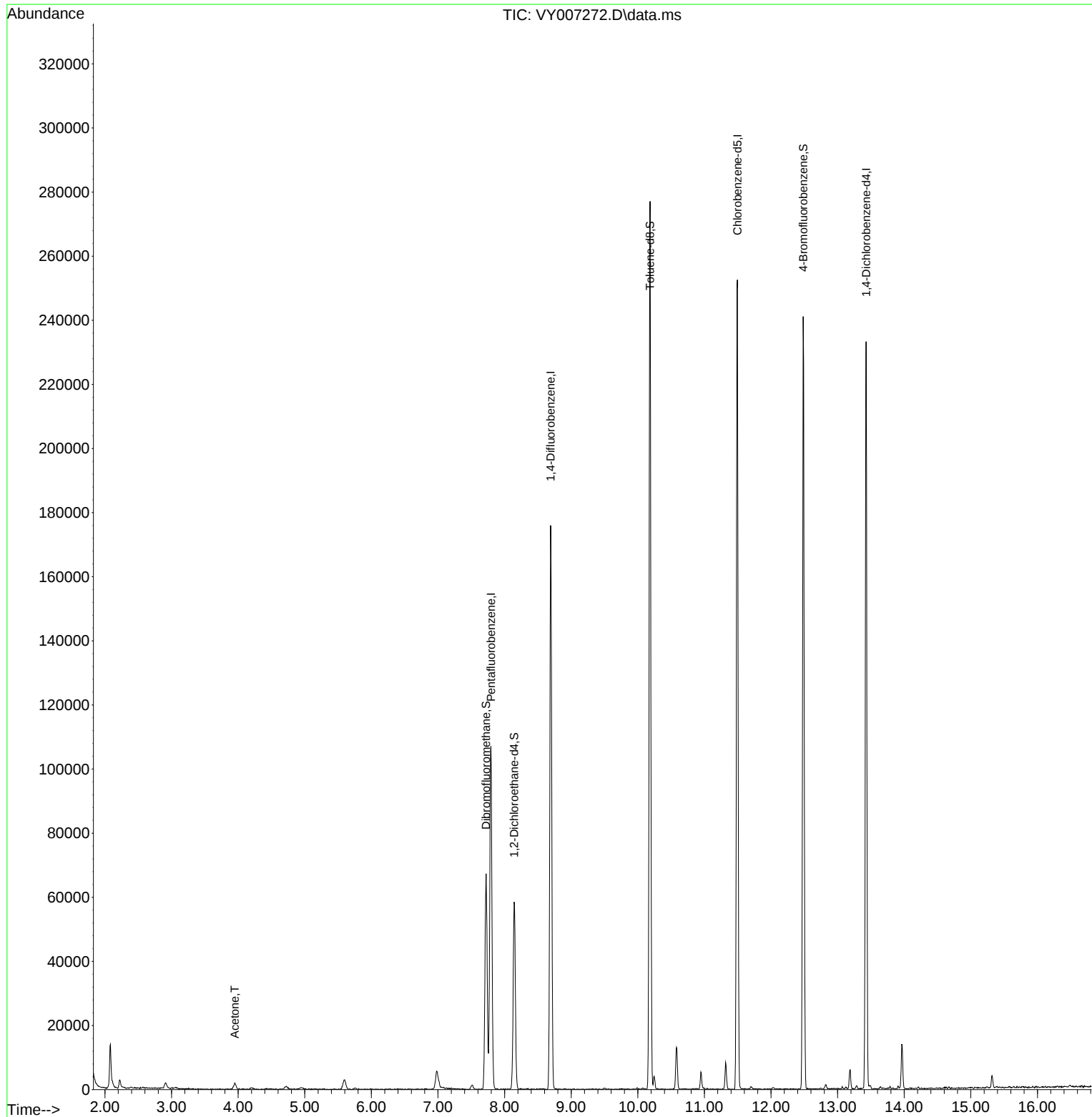
Internal Standards						
1) Pentafluorobenzene	7.795	168	79538	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	146806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	135890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	57680	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	47286	48.452	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.900%
35) Dibromofluoromethane	7.722	113	47577	47.928	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.860%
50) Toluene-d8	10.185	98	181376	50.004	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.000%
62) 4-Bromofluorobenzene	12.483	95	62400	48.363	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.720%
Target Compounds						
16) Acetone	3.948	43	3422	13.511	ug/l	Qvalue 91

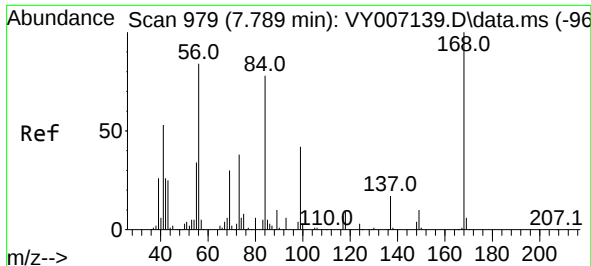
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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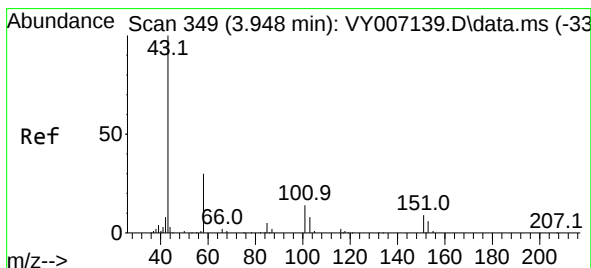
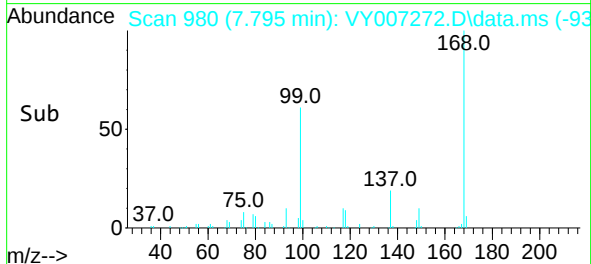
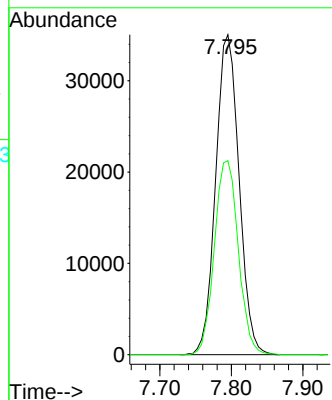
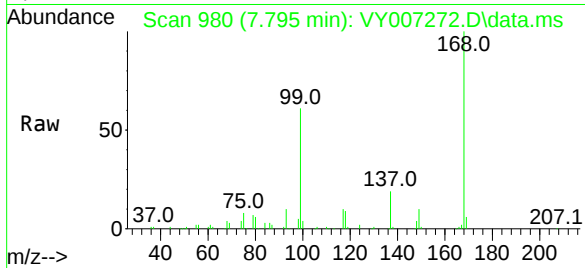




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007272.D
Acq: 24 Jan 2022 16:34

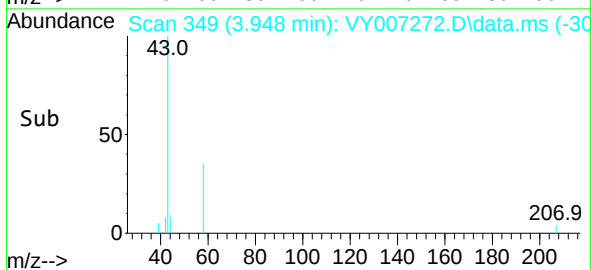
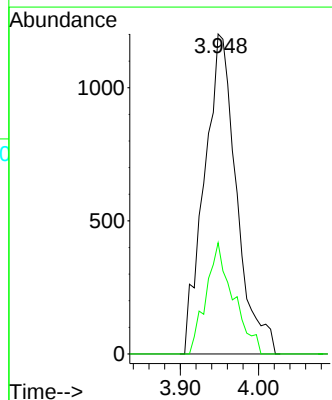
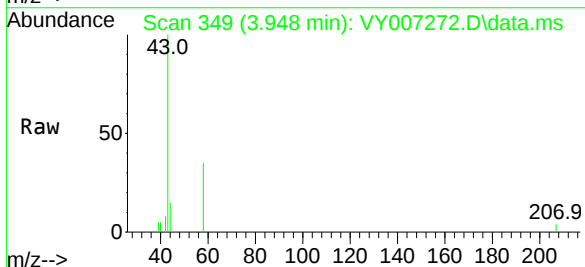
Instrument :
MSVOA_Y
ClientSampleId :
RT4743

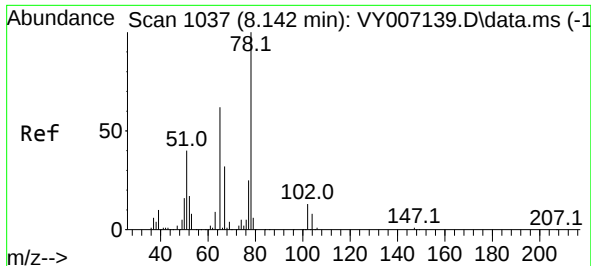
Tgt Ion:168 Resp: 79538
Ion Ratio Lower Upper
168 100
99 60.6 49.1 73.7



#16
Acetone
Concen: 13.511 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007272.D
Acq: 24 Jan 2022 16:34

Tgt Ion: 43 Resp: 3422
Ion Ratio Lower Upper
43 100
58 34.8 23.8 35.6

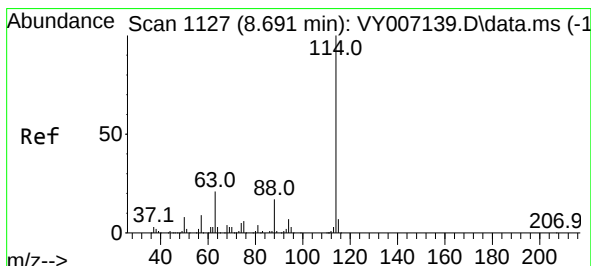
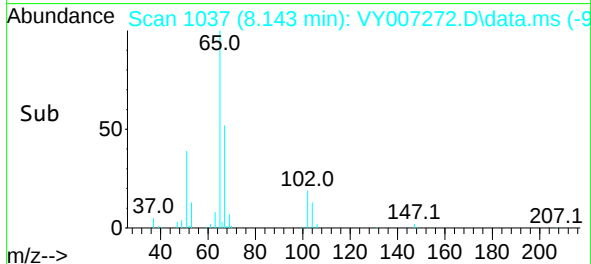
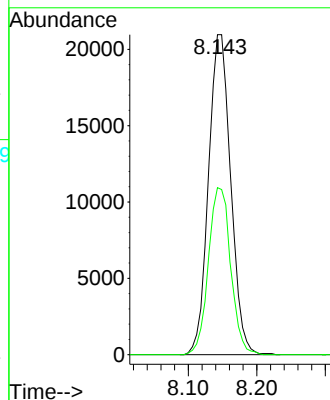
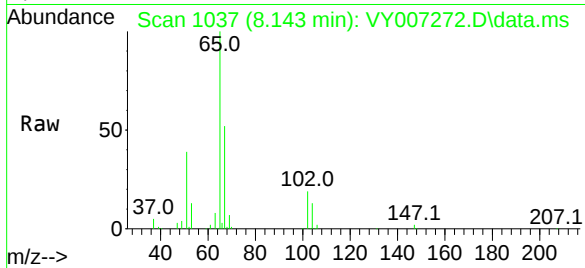




#33
 1,2-Dichloroethane-d4
 Concen: 48.452 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY007272.D
 Acq: 24 Jan 2022 16:34

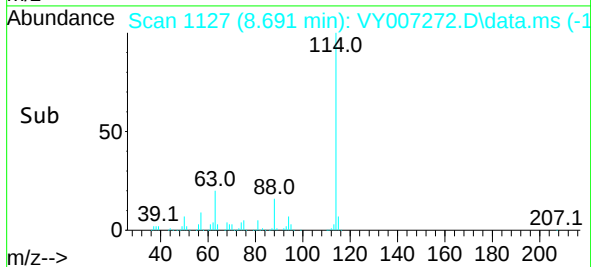
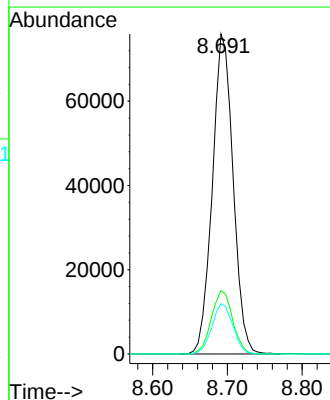
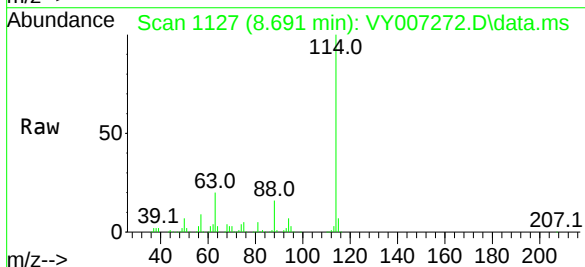
Instrument :
 MSVOA_Y
 ClientSampleId :
 RT4743

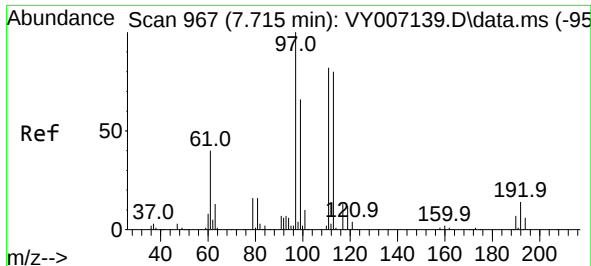
Tgt Ion: 65 Resp: 47286
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY007272.D
 Acq: 24 Jan 2022 16:34

Tgt Ion: 114 Resp: 146806
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.2
 88 15.7 0.0 31.0

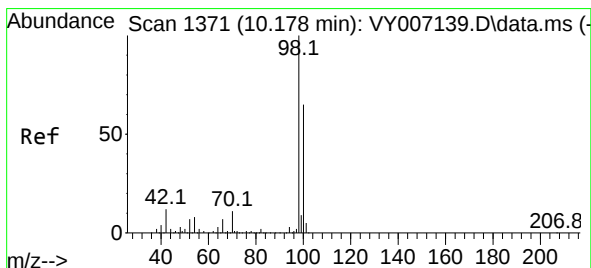
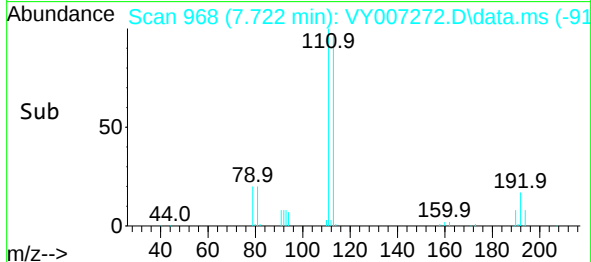
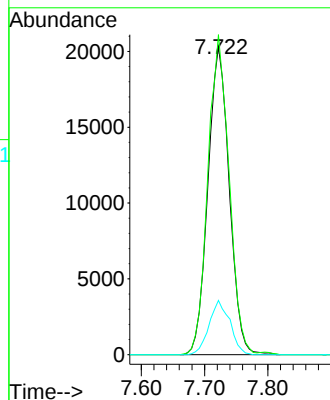
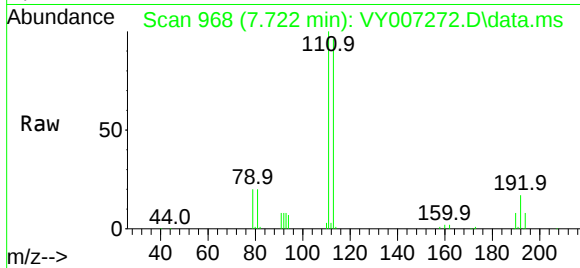




#35
Dibromofluoromethane
Concen: 47.928 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY007272.D
Acq: 24 Jan 2022 16:34

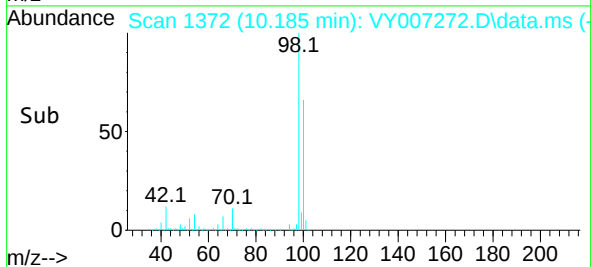
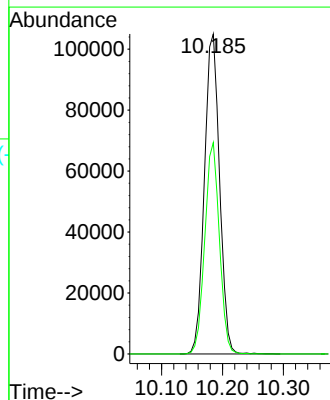
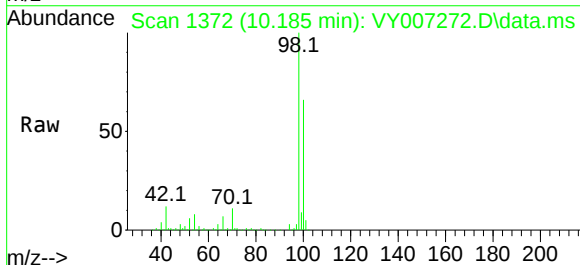
Instrument :
MSVOA_Y
ClientSampleId :
RT4743

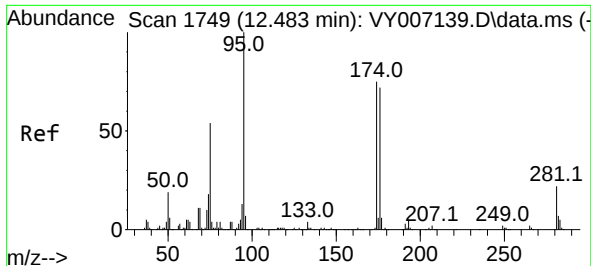
Tgt Ion:113 Resp: 47577
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 17.3 14.2 21.4



#50
Toluene-d8
Concen: 50.004 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY007272.D
Acq: 24 Jan 2022 16:34

Tgt Ion: 98 Resp: 181376
Ion Ratio Lower Upper
98 100
100 63.8 52.2 78.2

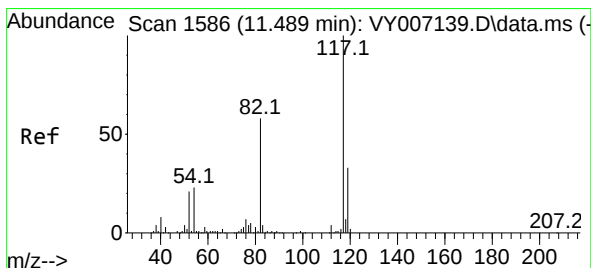
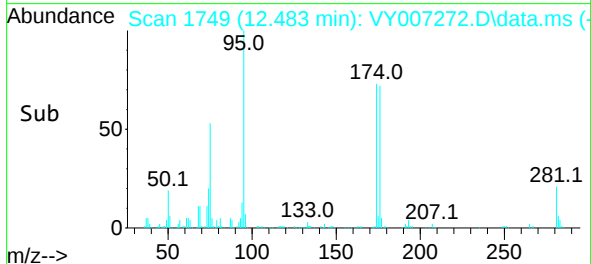
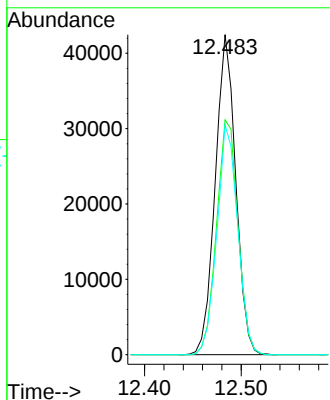
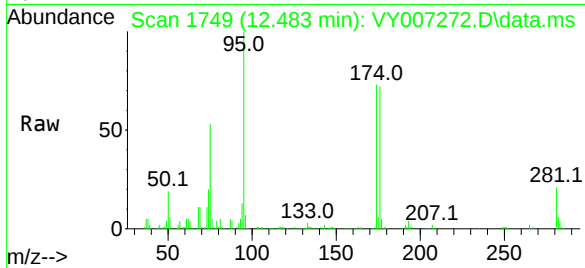




#62
4-Bromofluorobenzene
Concen: 48.363 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007272.D
Acq: 24 Jan 2022 16:34

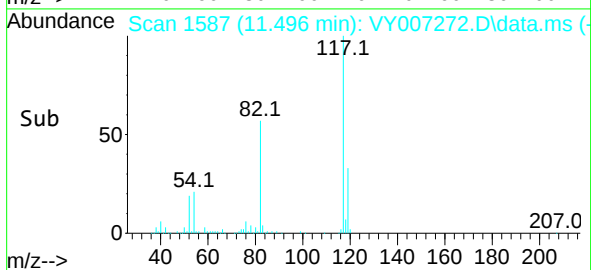
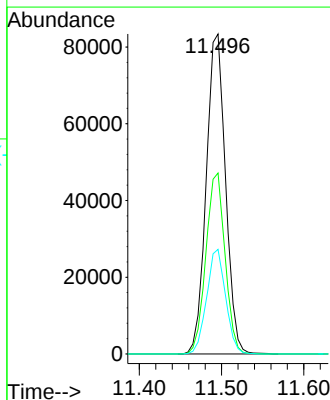
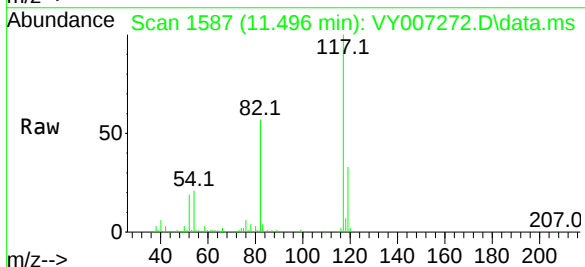
Instrument :
MSVOA_Y
ClientSampleId :
RT4743

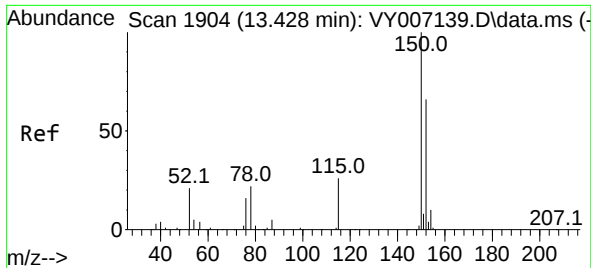
Tgt Ion: 95 Resp: 62400
Ion Ratio Lower Upper
95 100
174 76.6 0.0 148.4
176 73.0 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY007272.D
Acq: 24 Jan 2022 16:34

Tgt Ion: 117 Resp: 135890
Ion Ratio Lower Upper
117 100
82 56.6 45.4 68.0
119 32.7 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY007272.D

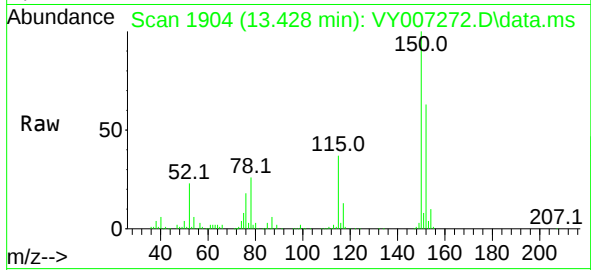
Acq: 24 Jan 2022 16:34

Instrument :

MSVOA_Y

ClientSampleId :

RT4743



Tgt Ion:152 Resp: 57680

Ion Ratio Lower Upper

152 100

115 60.4 31.4 94.0

150 159.0 0.0 348.4

