

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020723\
 Data File : VY012526.D
 Acq On : 07 Feb 2023 18:11
 Operator : KP/MD
 Sample : 01445-09
 Misc : 4.72g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-34-020323

Quant Time: Feb 08 01:48:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

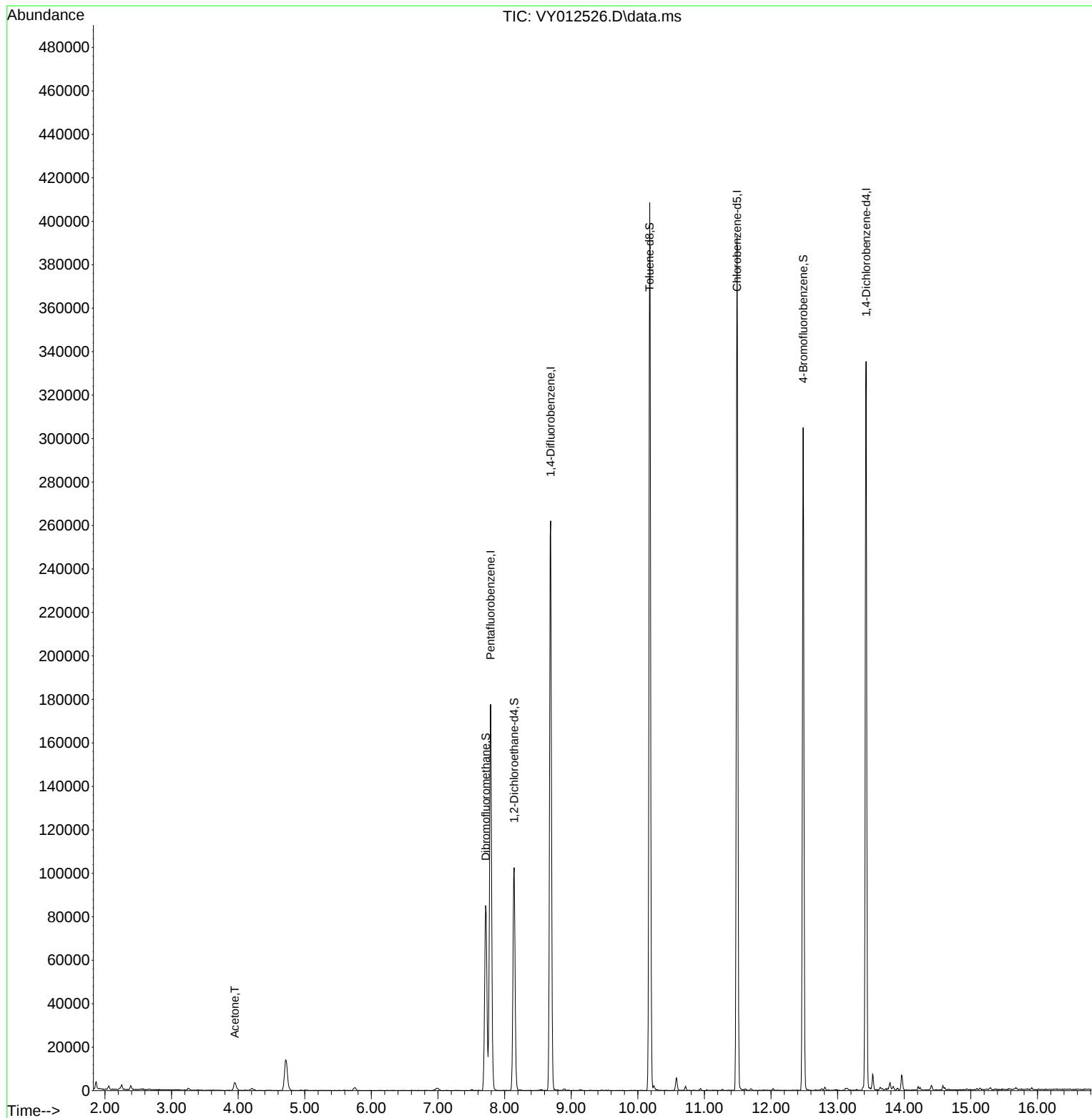
Internal Standards						
1) Pentafluorobenzene	7.789	168	138634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	234329	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	222065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92259	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	87342	49.544	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.080%
35) Dibromofluoromethane	7.716	113	59267	34.730	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	69.460%
50) Toluene-d8	10.179	98	273627	38.522	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.040%
62) 4-Bromofluorobenzene	12.483	95	85783	34.624	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.240%
Target Compounds						
16) Acetone	3.948	43	6370	15.013	ug/l	Qvalue 92

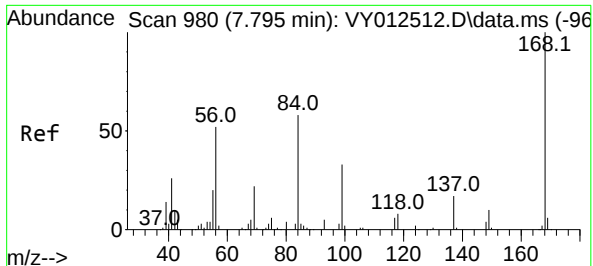
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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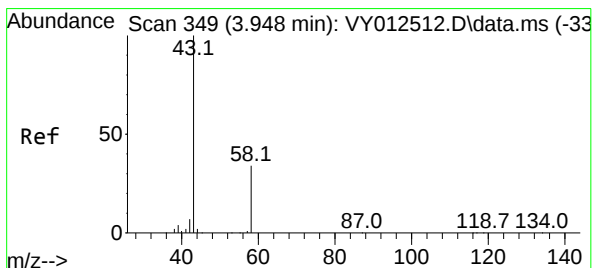
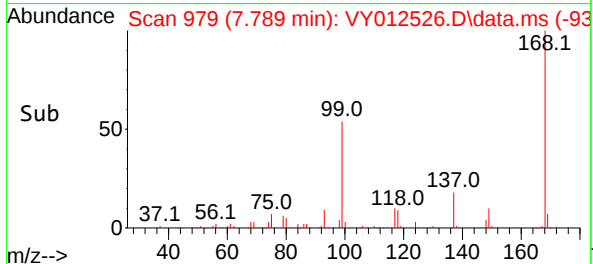
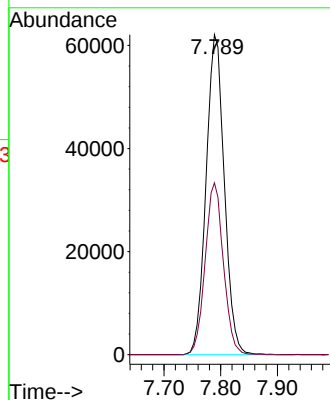
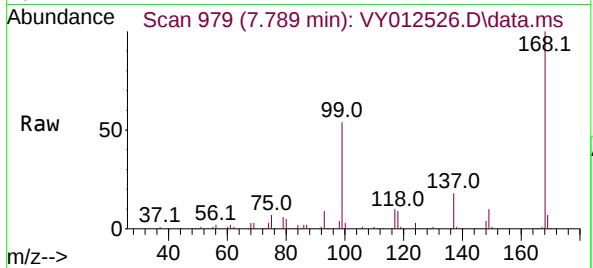




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012526.D
Acq: 07 Feb 2023 18:11

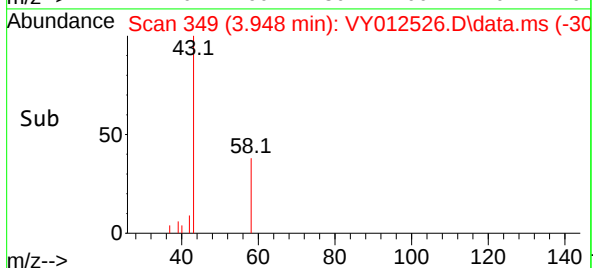
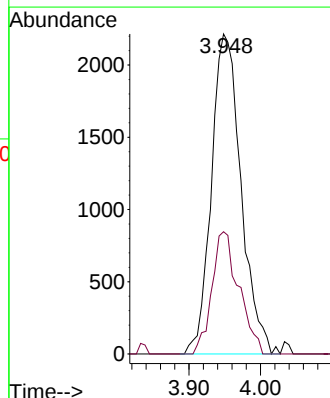
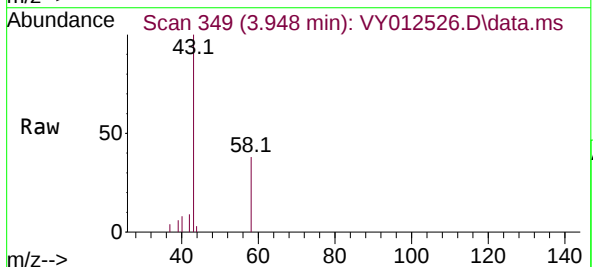
Instrument :
MSVOA_Y
ClientSampleId :
JPP-34-020323

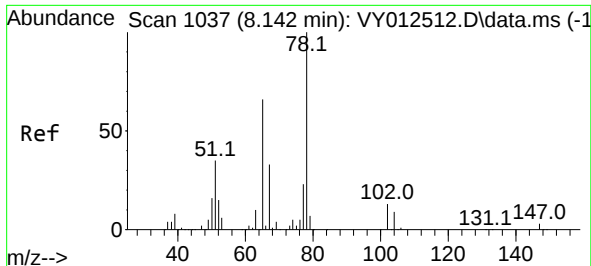
Tgt Ion:168 Resp: 138634
Ion Ratio Lower Upper
168 100
99 53.7 40.8 61.2



#16
Acetone
Concen: 15.013 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY012526.D
Acq: 07 Feb 2023 18:11

Tgt Ion: 43 Resp: 6370
Ion Ratio Lower Upper
43 100
58 38.2 27.1 40.7





#33

1,2-Dichloroethane-d4

Concen: 49.544 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY012526.D

Acq: 07 Feb 2023 18:11

Instrument :

MSVOA_Y

ClientSampleId :

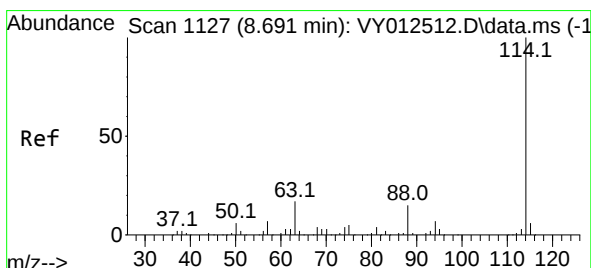
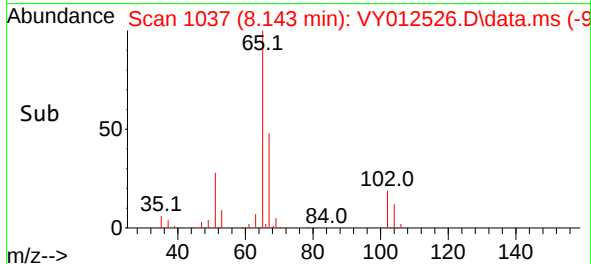
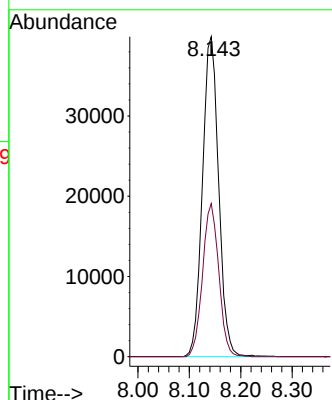
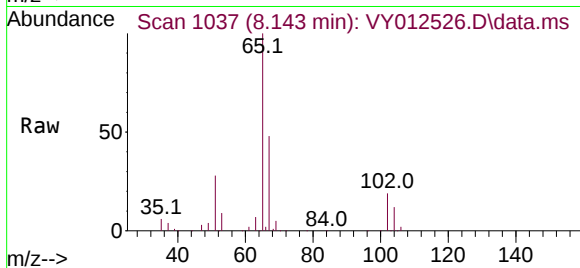
JPP-34-020323

Tgt Ion: 65 Resp: 87342

Ion Ratio Lower Upper

65 100

67 47.8 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012526.D

Acq: 07 Feb 2023 18:11

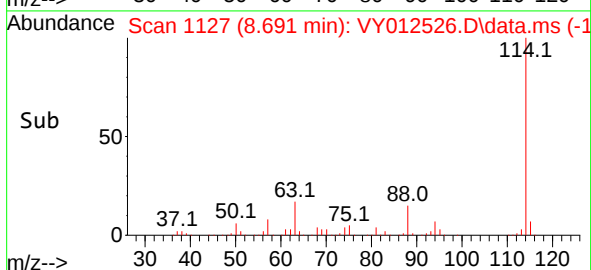
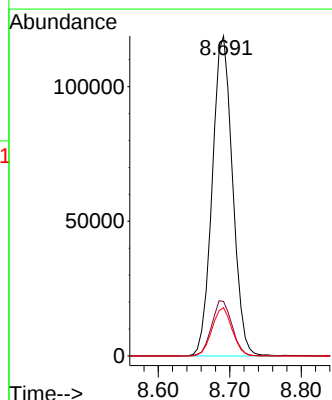
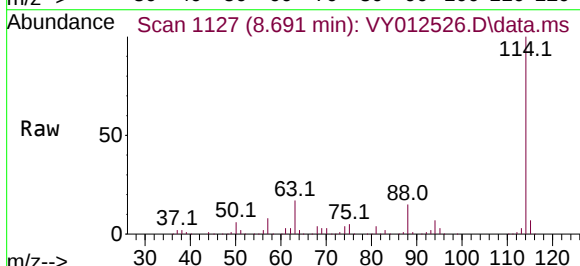
Tgt Ion: 114 Resp: 234329

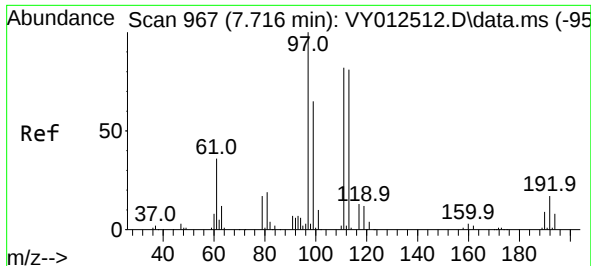
Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.6

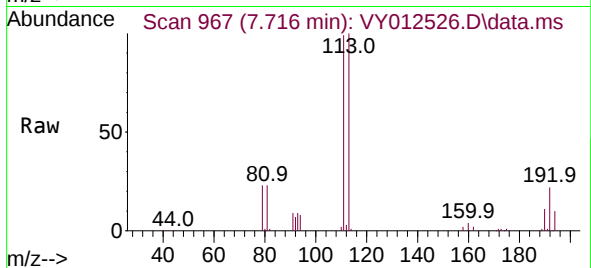
88 15.1 0.0 29.8



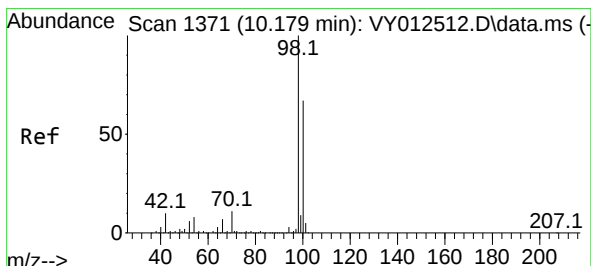
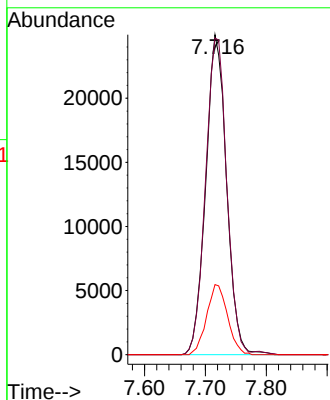
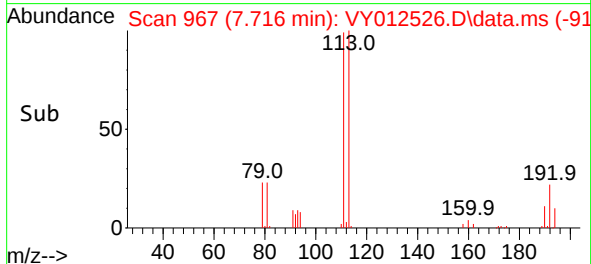


#35
Dibromofluoromethane
Concen: 34.730 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY012526.D
Acq: 07 Feb 2023 18:11

Instrument :
MSVOA_Y
ClientSampleId :
JPP-34-020323

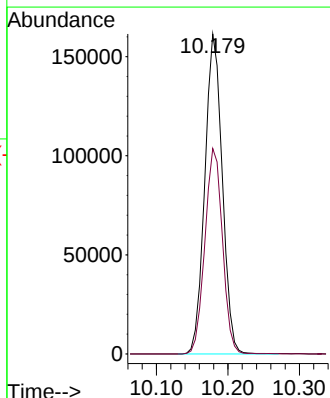
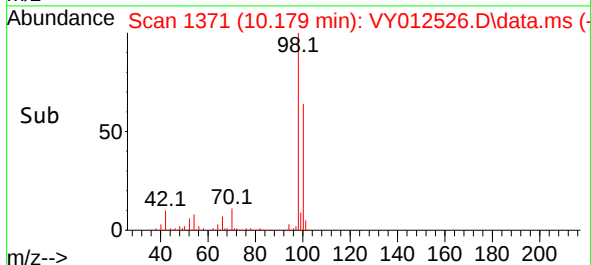
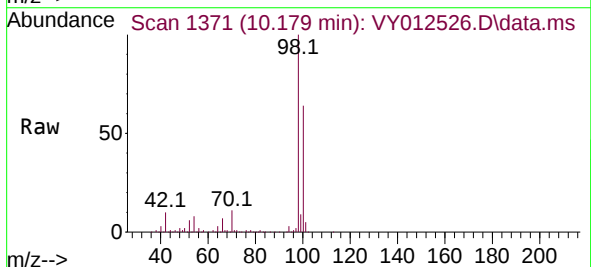


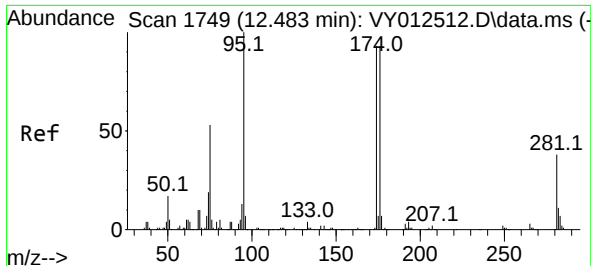
Tgt Ion:113 Resp: 59267
Ion Ratio Lower Upper
113 100
111 100.8 81.9 122.9
192 22.0 17.5 26.3



#50
Toluene-d8
Concen: 38.522 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012526.D
Acq: 07 Feb 2023 18:11

Tgt Ion: 98 Resp: 273627
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2

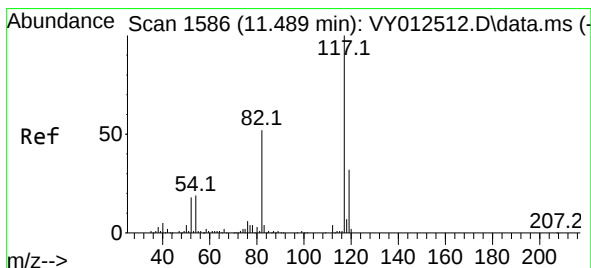
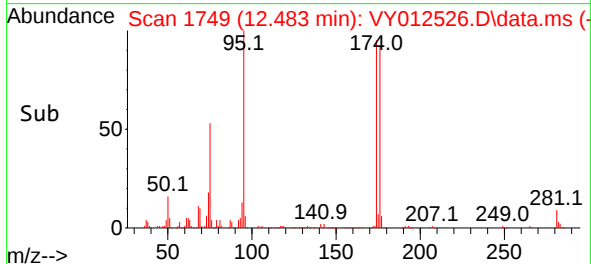
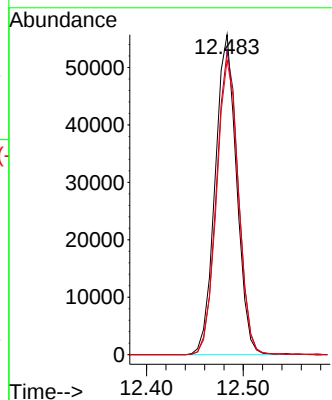
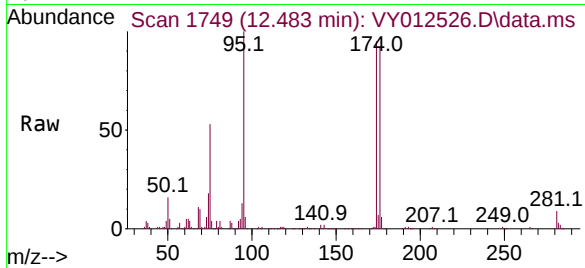




#62
4-Bromofluorobenzene
Concen: 34.624 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012526.D
Acq: 07 Feb 2023 18:11

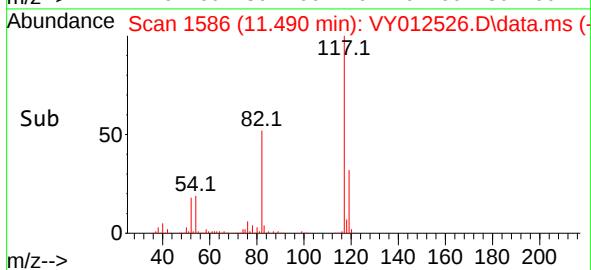
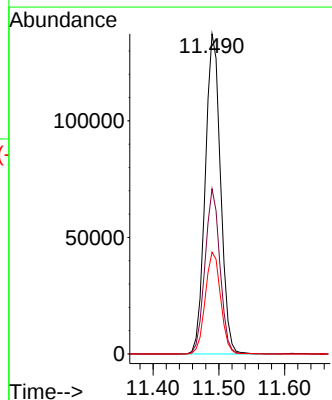
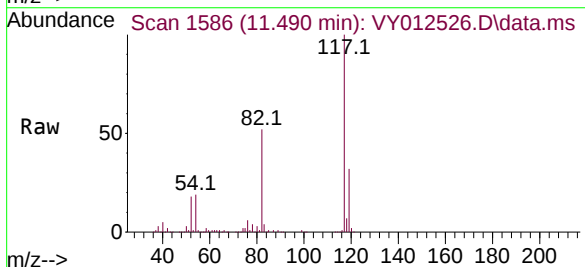
Instrument :
MSVOA_Y
ClientSampleId :
JPP-34-020323

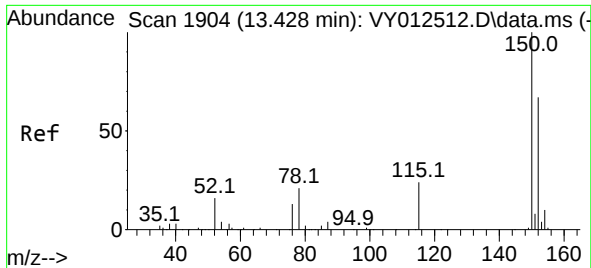
Tgt Ion: 95 Resp: 85783
Ion Ratio Lower Upper
95 100
174 96.4 0.0 188.0
176 93.8 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012526.D
Acq: 07 Feb 2023 18:11

Tgt Ion: 117 Resp: 222065
Ion Ratio Lower Upper
117 100
82 51.6 41.7 62.5
119 31.8 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012526.D

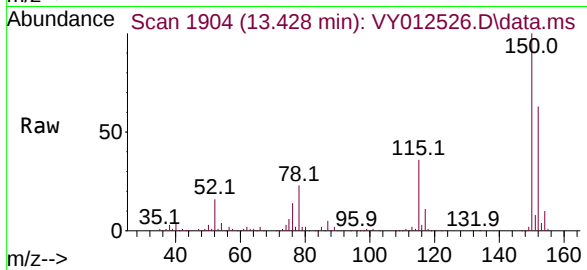
Acq: 07 Feb 2023 18:11

Instrument :

MSVOA_Y

ClientSampleId :

JPP-34-020323



Tgt Ion:152 Resp: 92259

Ion Ratio Lower Upper

152 100

115 56.1 28.1 84.3

150 158.1 0.0 351.0

