

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011223\
 Data File : VY012174.D
 Acq On : 12 Jan 2023 13:37
 Operator : KP/MD
 Sample : 01129-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-207

Quant Time: Jan 13 00:37:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

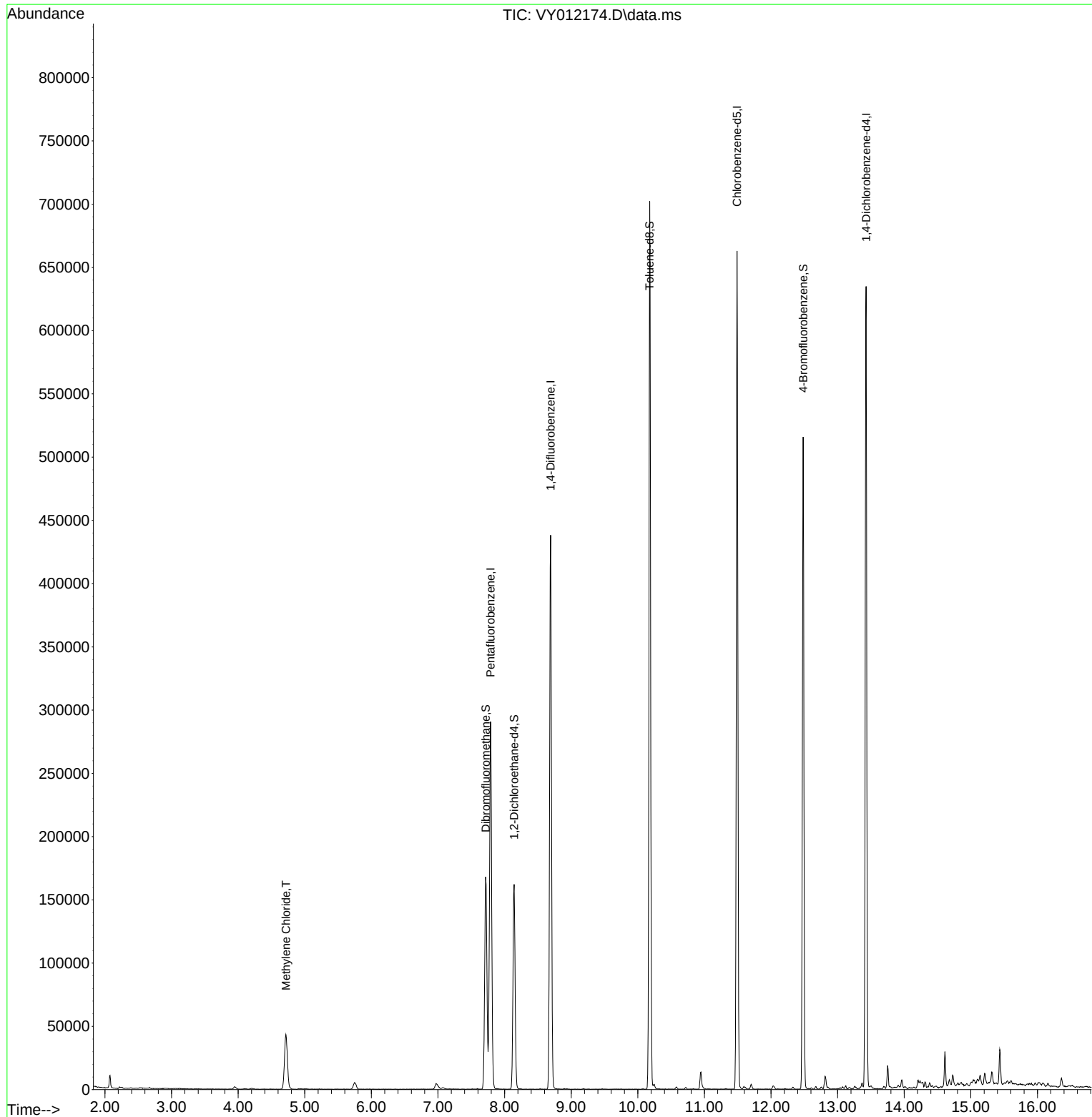
Internal Standards						
1) Pentafluorobenzene	7.789	168	226954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	387842	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	369156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	174813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	130392	51.130	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.260%
35) Dibromofluoromethane	7.716	113	117057	45.919	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.840%
50) Toluene-d8	10.179	98	464277	46.142	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.280%
62) 4-Bromofluorobenzene	12.483	95	155236	44.138	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.280%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.716	84	35094	8.983	ug/l	92

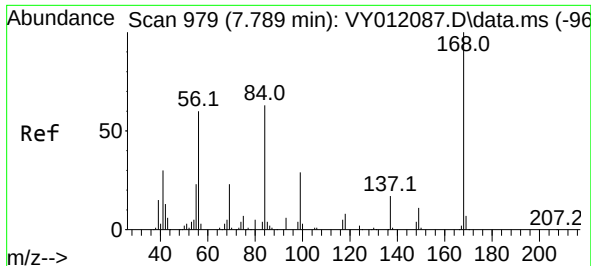
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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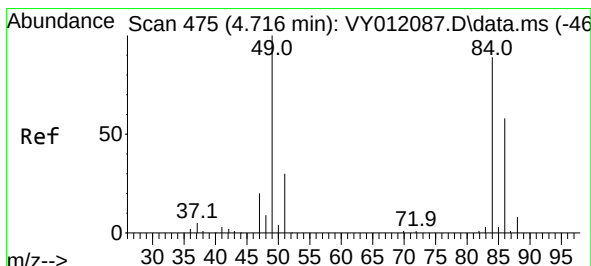
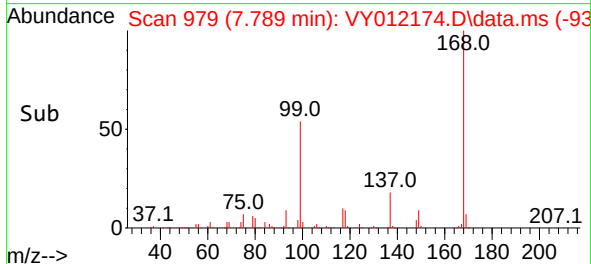
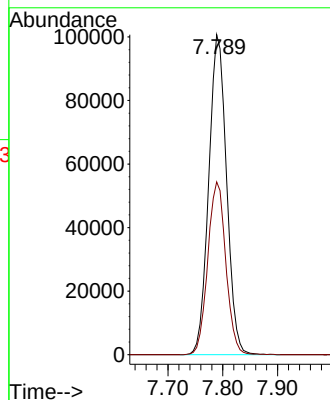
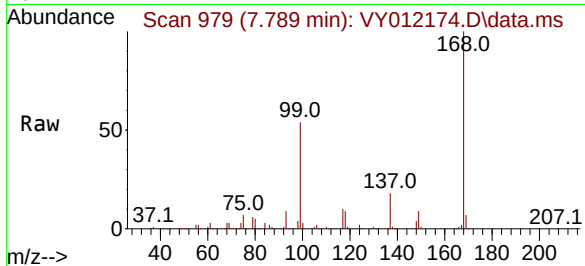




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012174.D
Acq: 12 Jan 2023 13:37

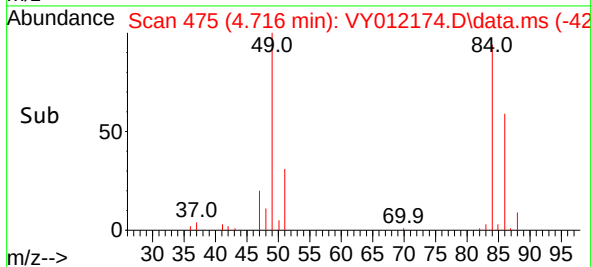
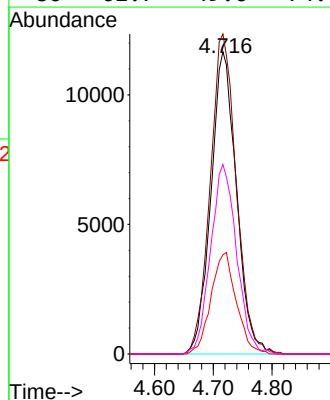
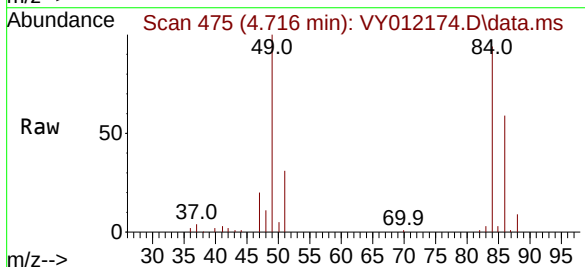
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-207

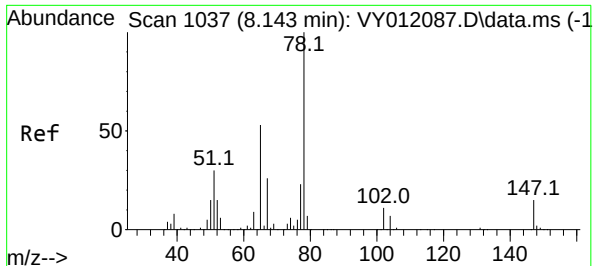
Tgt Ion:168 Resp: 226954
Ion Ratio Lower Upper
168 100
99 54.0 44.0 66.0



#20
Methylene Chloride
Concen: 8.983 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012174.D
Acq: 12 Jan 2023 13:37

Tgt Ion: 84 Resp: 35094
Ion Ratio Lower Upper
84 100
49 105.9 95.4 143.2
51 32.8 29.9 44.9
86 62.7 49.6 74.4





#33

1,2-Dichloroethane-d4

Concen: 51.130 ug/l

RT: 8.142 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY012174.D

Acq: 12 Jan 2023 13:37

Instrument :

MSVOA_Y

ClientSampleId :

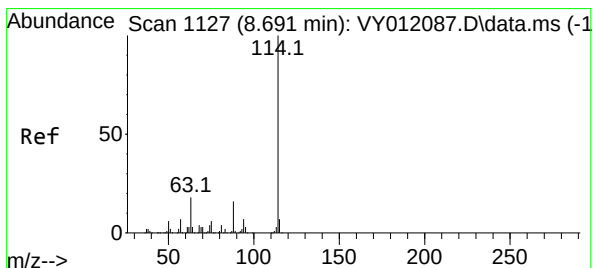
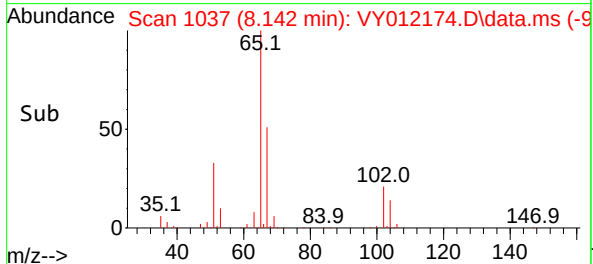
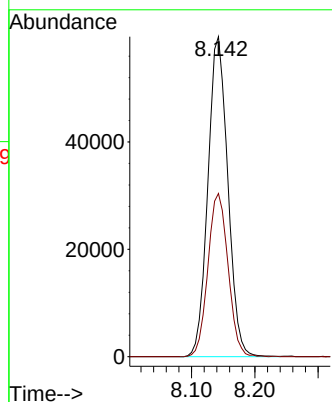
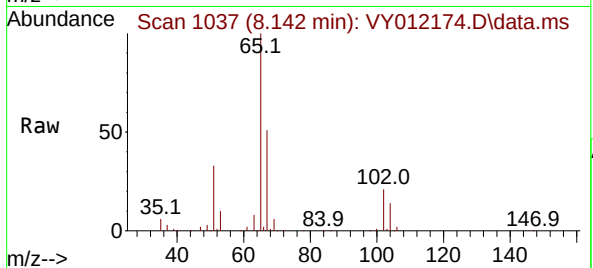
VNJ-207

Tgt Ion: 65 Resp: 130392

Ion Ratio Lower Upper

65 100

67 51.6 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012174.D

Acq: 12 Jan 2023 13:37

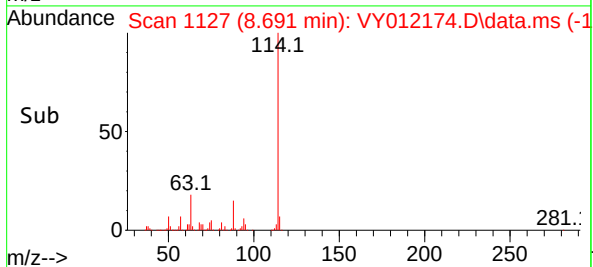
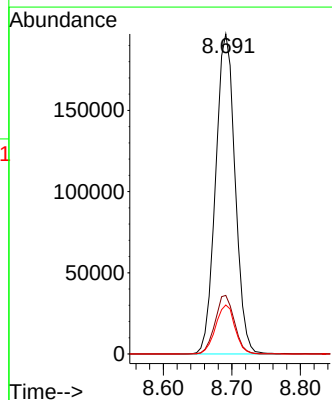
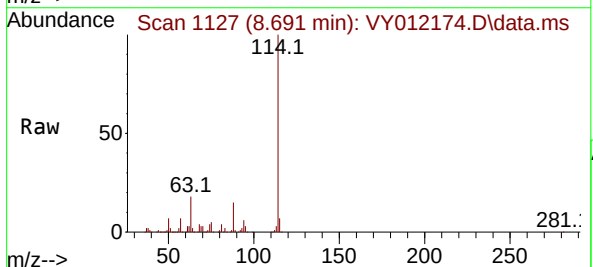
Tgt Ion:114 Resp: 387842

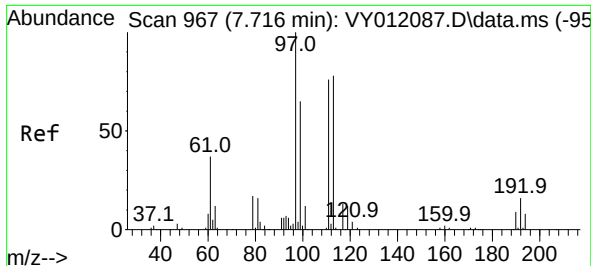
Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.6

88 15.3 0.0 32.2

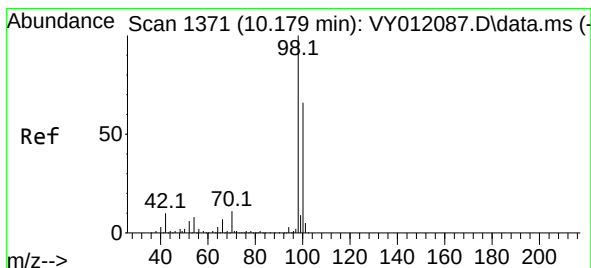
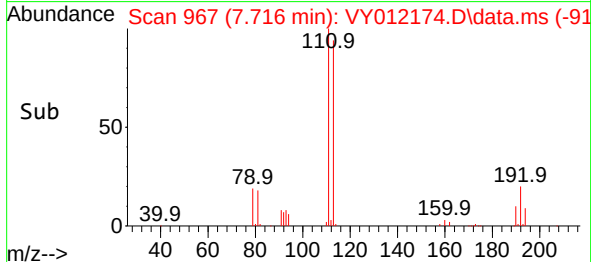
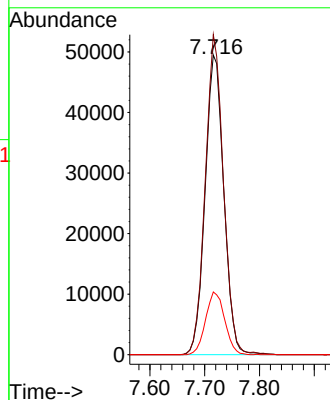
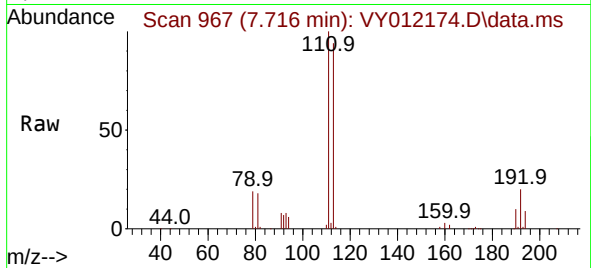




#35
Dibromofluoromethane
Concen: 45.919 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012174.D
Acq: 12 Jan 2023 13:37

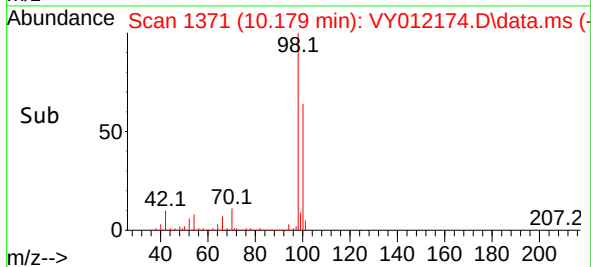
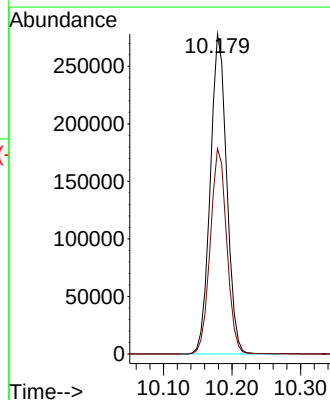
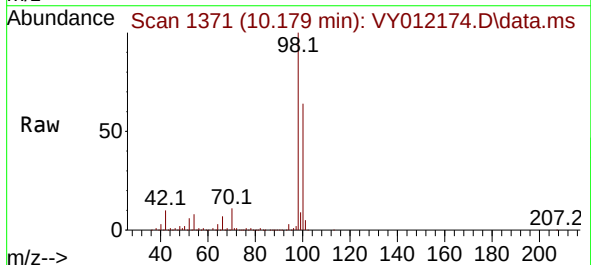
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-207

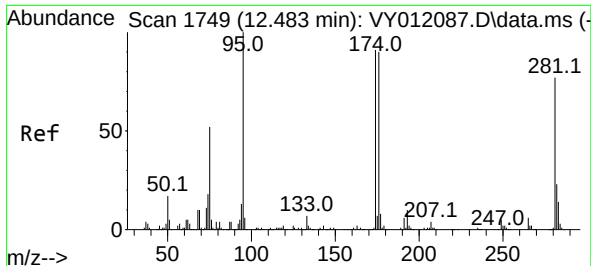
Tgt Ion:113 Resp: 117057
Ion Ratio Lower Upper
113 100
111 104.0 83.0 124.4
192 21.4 16.0 24.0



#50
Toluene-d8
Concen: 46.142 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012174.D
Acq: 12 Jan 2023 13:37

Tgt Ion: 98 Resp: 464277
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9

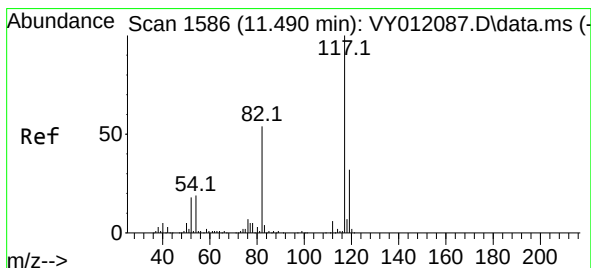
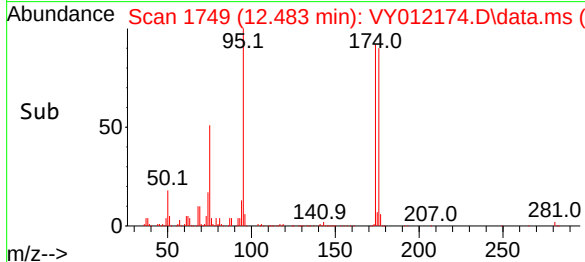
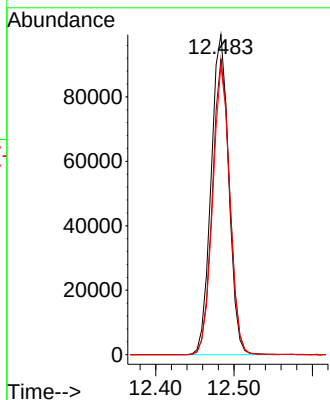
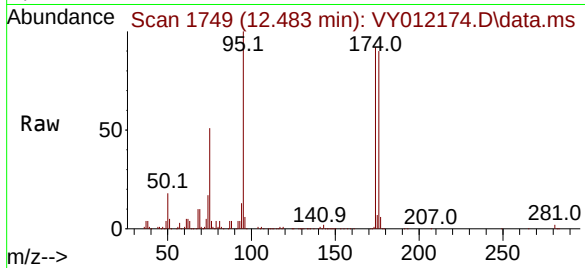




#62
4-Bromofluorobenzene
Concen: 44.138 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012174.D
Acq: 12 Jan 2023 13:37

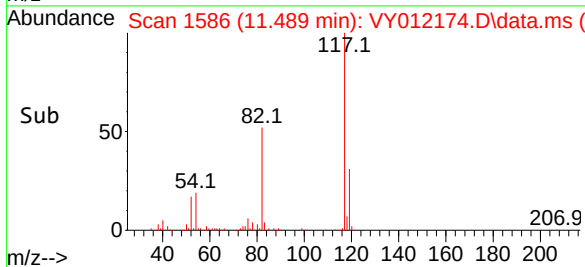
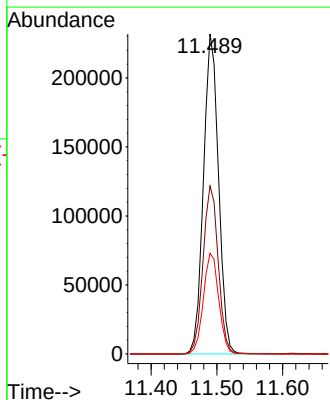
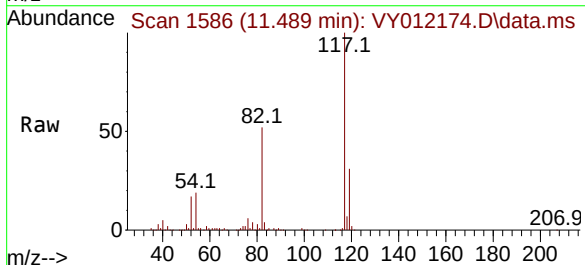
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-207

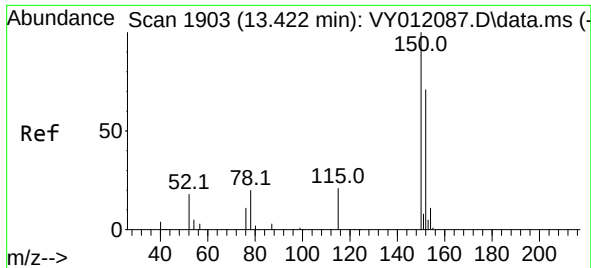
Tgt Ion: 95 Resp: 155236
Ion Ratio Lower Upper
95 100
174 91.1 0.0 172.0
176 87.3 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012174.D
Acq: 12 Jan 2023 13:37

Tgt Ion: 117 Resp: 369156
Ion Ratio Lower Upper
117 100
82 52.5 44.8 67.2
119 31.5 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012174.D

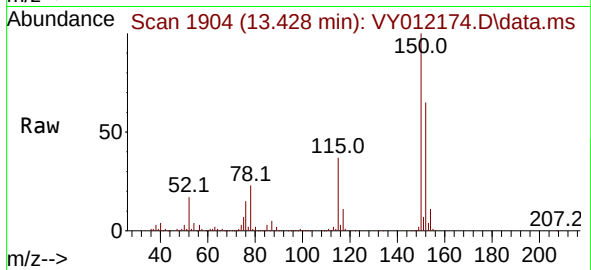
Acq: 12 Jan 2023 13:37

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-207



Tgt Ion:152 Resp: 174813

Ion Ratio Lower Upper

152 100

115 57.3 29.1 87.3

150 155.2 0.0 342.6

