

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013123\
 Data File : VY012425.D
 Acq On : 31 Jan 2023 17:09
 Operator : KP/MD
 Sample : 01371-02
 Misc : 6.51g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2-RT-15-N

Quant Time: Feb 01 01:25:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

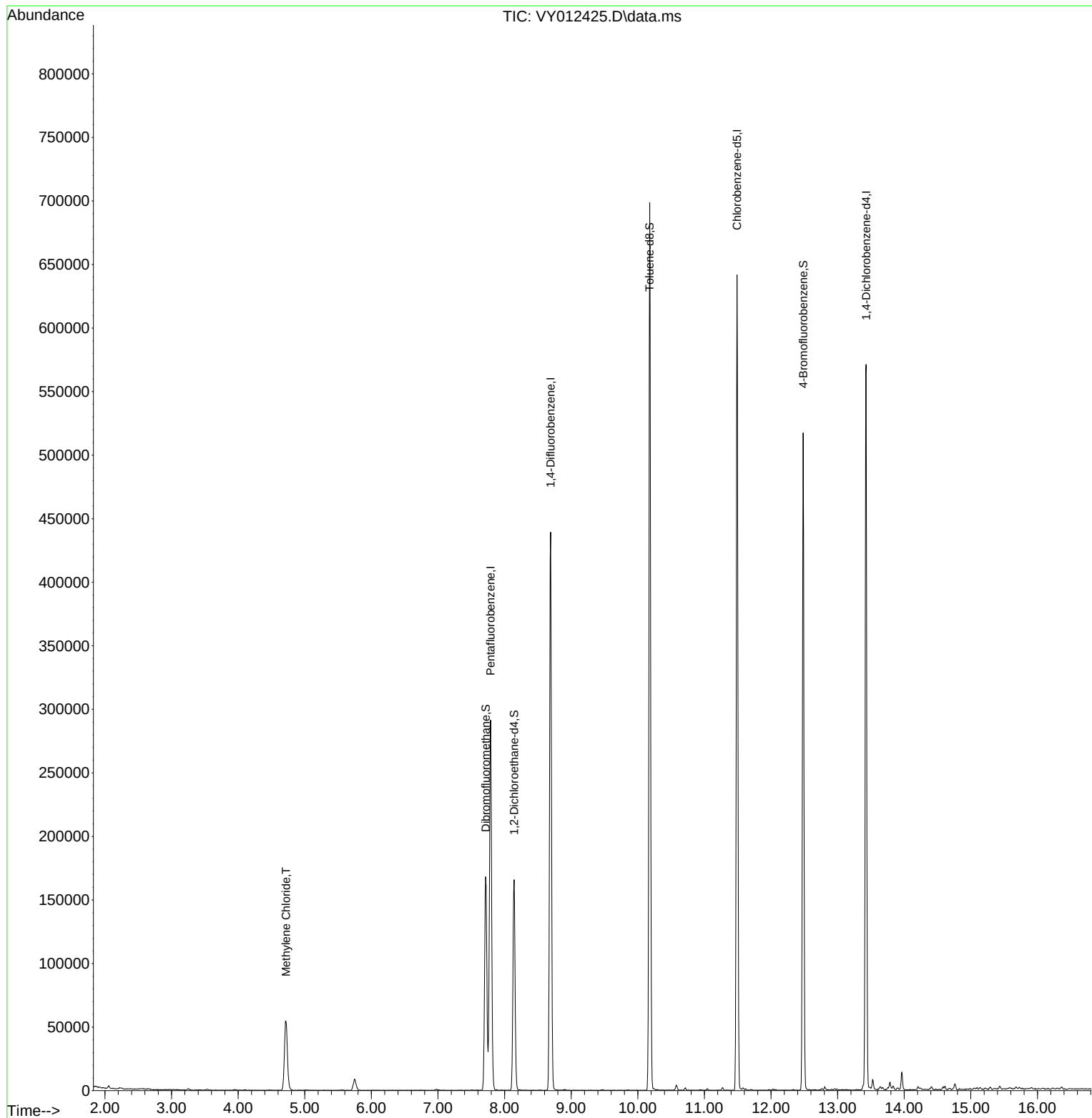
Internal Standards						
1) Pentafluorobenzene	7.789	168	233024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	397028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	366689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	157513	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	134586	71.359	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	142.720%
35) Dibromofluoromethane	7.716	113	119997	57.080	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.160%
50) Toluene-d8	10.179	98	462967	64.846	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	129.700%
62) 4-Bromofluorobenzene	12.483	95	148791	50.207	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.420%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	45860	10.625	ug/l	88

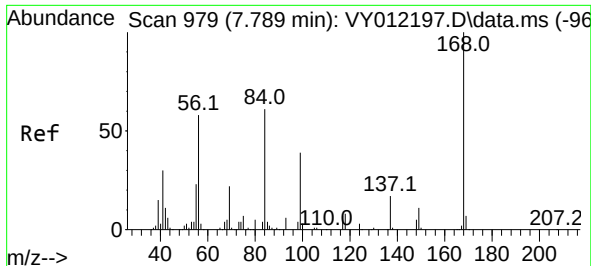
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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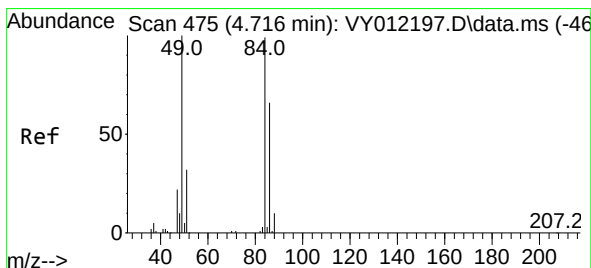
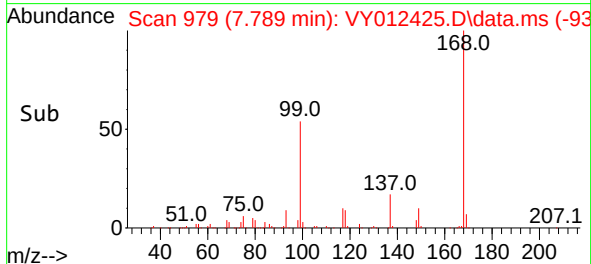
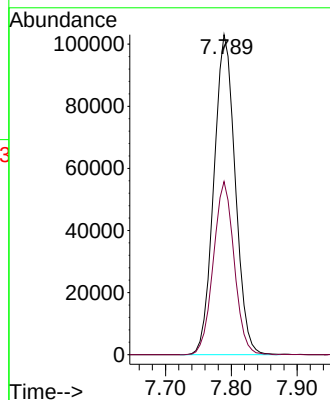
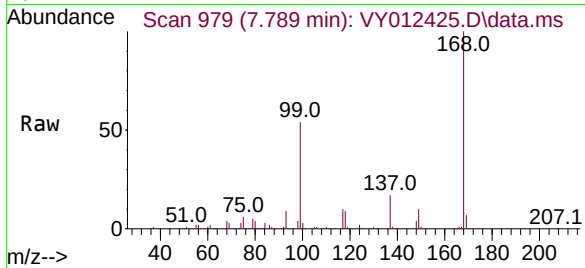




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012425.D
Acq: 31 Jan 2023 17:09

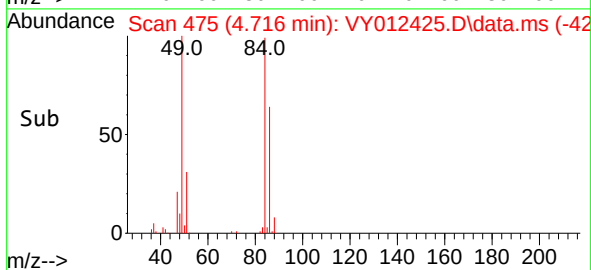
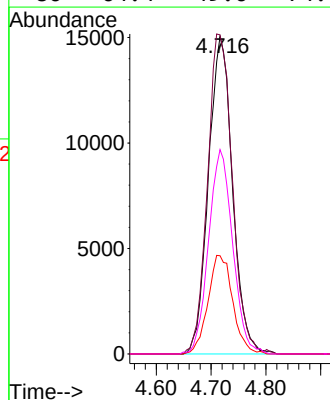
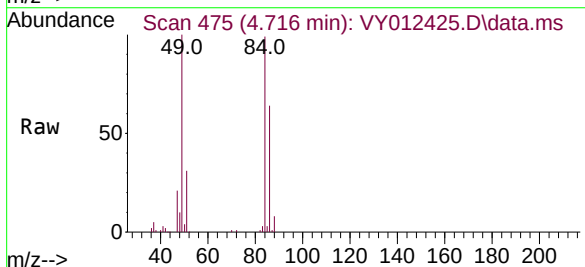
Instrument :
MSVOA_Y
ClientSampleId :
2-RT-15-N

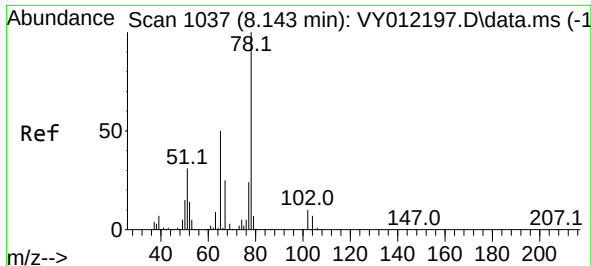
Tgt Ion:168 Resp: 233024
Ion Ratio Lower Upper
168 100
99 54.1 44.0 66.0



#20
Methylene Chloride
Concen: 10.625 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012425.D
Acq: 31 Jan 2023 17:09

Tgt Ion: 84 Resp: 45860
Ion Ratio Lower Upper
84 100
49 100.5 95.4 143.2
51 31.0 29.9 44.9
86 64.4 49.6 74.4





#33

1,2-Dichloroethane-d4

Concen: 71.359 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012425.D

Acq: 31 Jan 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

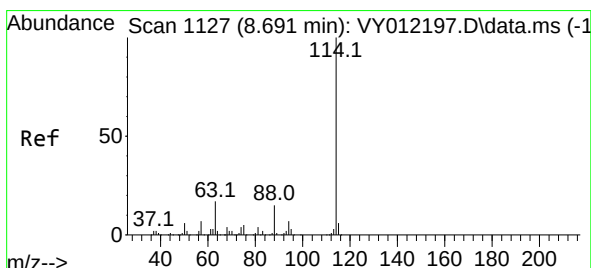
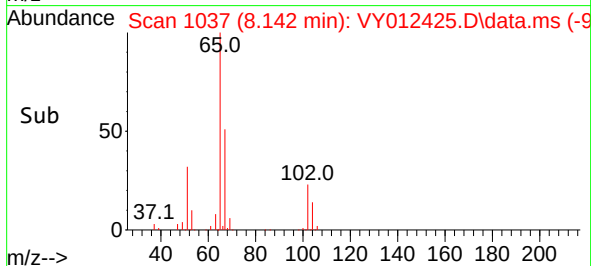
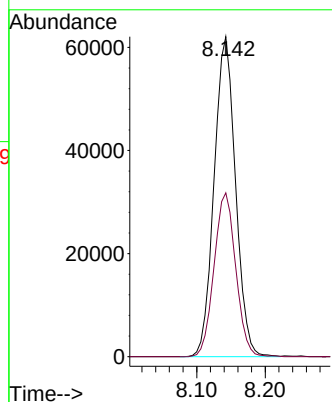
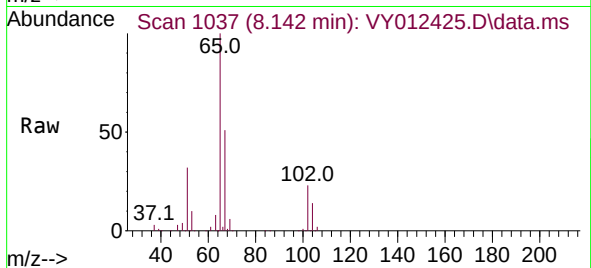
2-RT-15-N

Tgt Ion: 65 Resp: 134586

Ion Ratio Lower Upper

65 100

67 51.8 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: VY012425.D

Acq: 31 Jan 2023 17:09

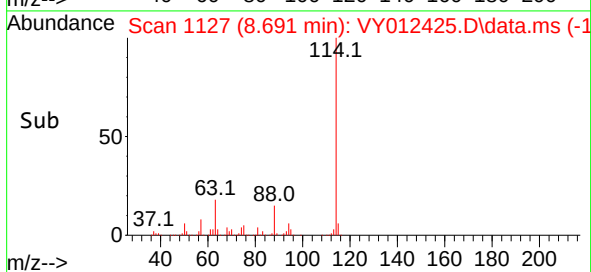
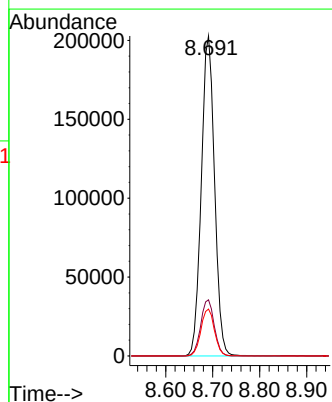
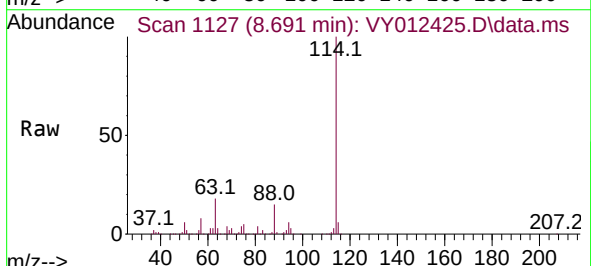
Tgt Ion: 114 Resp: 397028

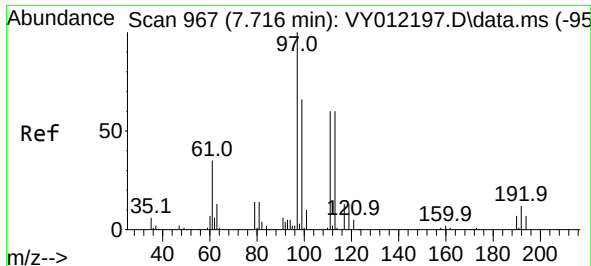
Ion Ratio Lower Upper

114 100

63 17.5 0.0 39.6

88 14.7 0.0 32.2

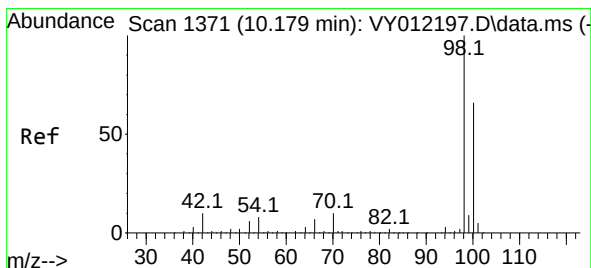
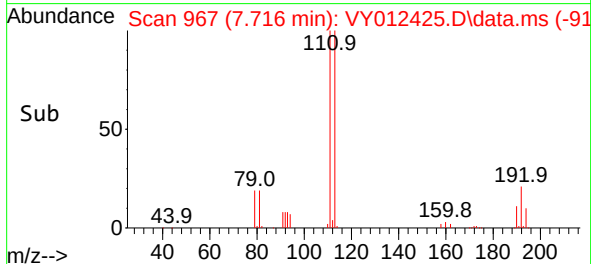
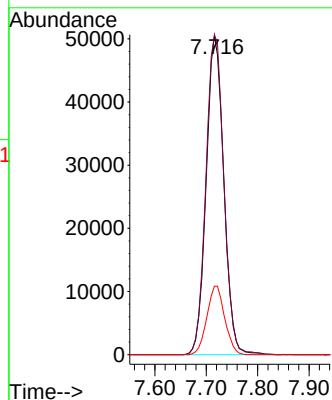
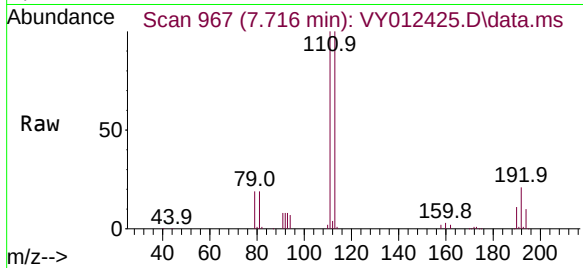




#35
 Dibromofluoromethane
 Concen: 57.080 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY012425.D
 Acq: 31 Jan 2023 17:09

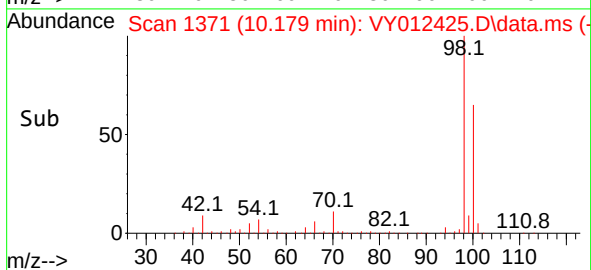
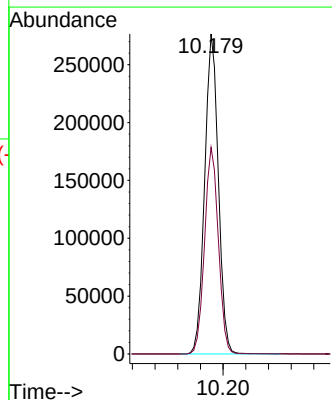
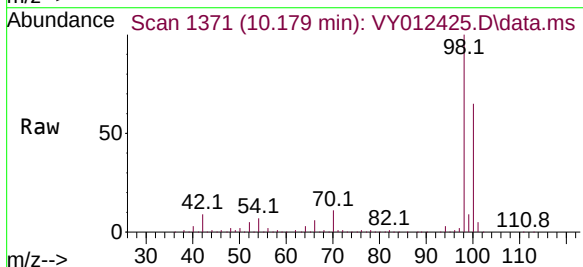
Instrument :
 MSVOA_Y
 ClientSampleId :
 2-RT-15-N

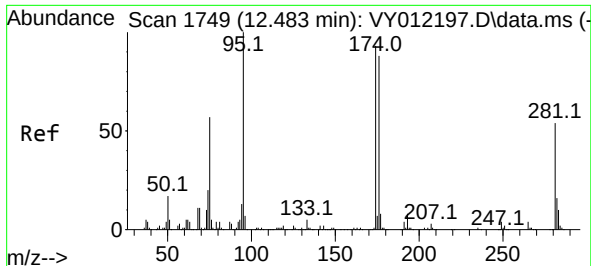
Tgt Ion:113 Resp: 119997
 Ion Ratio Lower Upper
 113 100
 111 102.3 83.0 124.4
 192 21.8 16.0 24.0



#50
 Toluene-d8
 Concen: 64.846 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: VY012425.D
 Acq: 31 Jan 2023 17:09

Tgt Ion: 98 Resp: 462967
 Ion Ratio Lower Upper
 98 100
 100 64.9 51.9 77.9

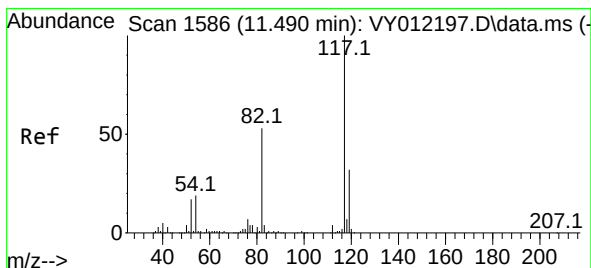
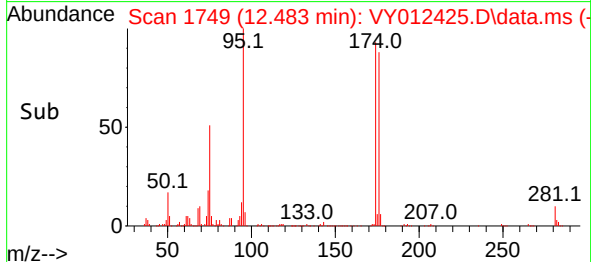
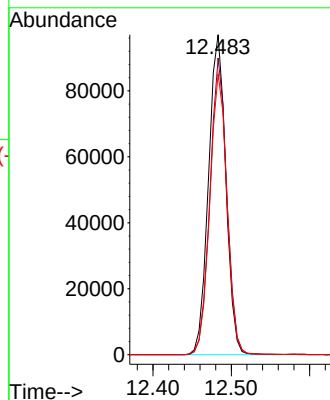
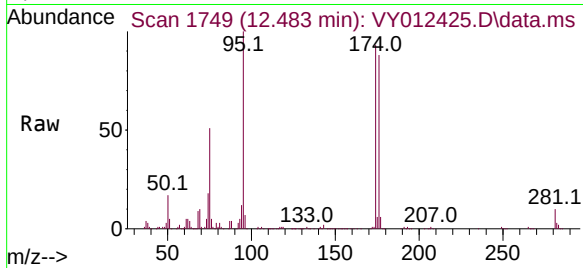




#62
4-Bromofluorobenzene
Concen: 50.207 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012425.D
Acq: 31 Jan 2023 17:09

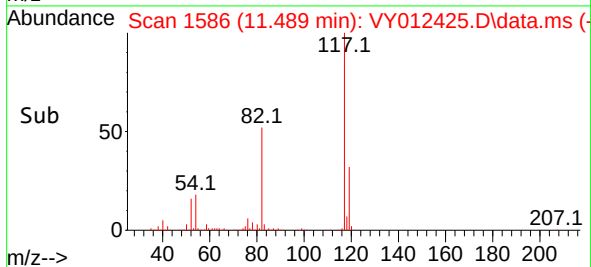
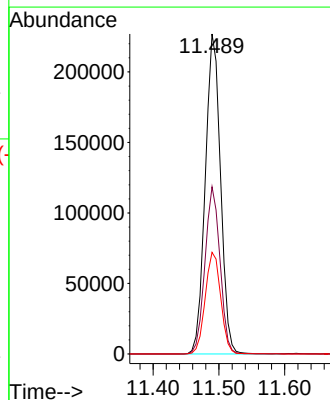
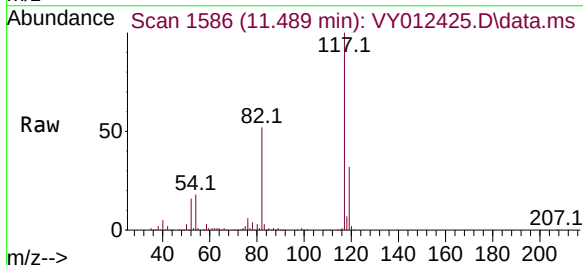
Instrument :
MSVOA_Y
ClientSampleId :
2-RT-15-N

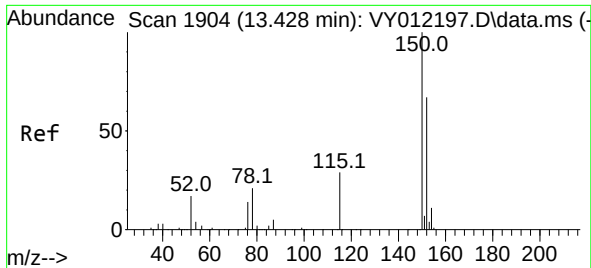
Tgt Ion: 95 Resp: 148791
Ion Ratio Lower Upper
95 100
174 90.7 0.0 172.0
176 87.2 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012425.D
Acq: 31 Jan 2023 17:09

Tgt Ion: 117 Resp: 366689
Ion Ratio Lower Upper
117 100
82 52.2 44.8 67.2
119 31.8 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: VY012425.D

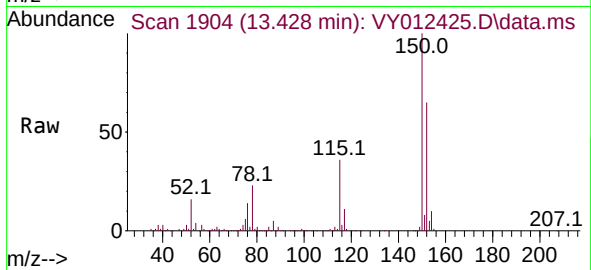
Acq: 31 Jan 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

2-RT-15-N



Tgt Ion:152 Resp: 157513

Ion Ratio Lower Upper

152 100

115 56.3 29.1 87.3

150 155.3 0.0 342.6

