

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121322\
 Data File : VY011819.D
 Acq On : 14 Dec 2022 02:22
 Operator : KP/MD
 Sample : N6037-13
 Misc : 4.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-23-(8-10)

Quant Time: Dec 14 05:37:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

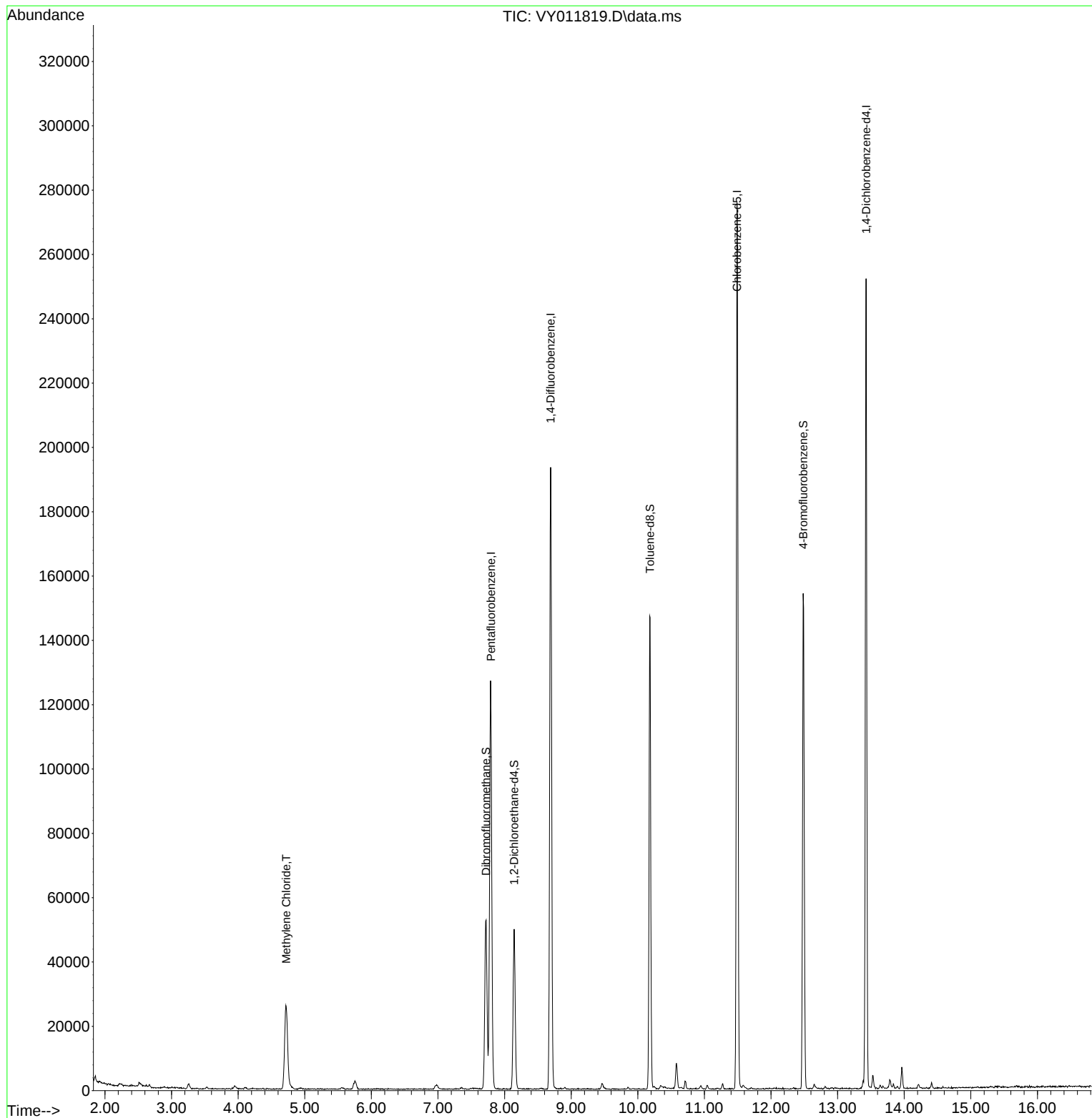
Internal Standards						
1) Pentafluorobenzene	7.795	168	97933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	170122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	157168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	38283	58.058	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.120%			
35) Dibromofluoromethane	7.722	113	37841	50.070	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.140%			
50) Toluene-d8	10.185	98	97894	37.897	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 75.800%			
62) 4-Bromofluorobenzene	12.483	95	37350	36.648	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 73.300%			
Target Compounds						
20) Methylene Chloride	4.722	84	20479	17.721	ug/l	95

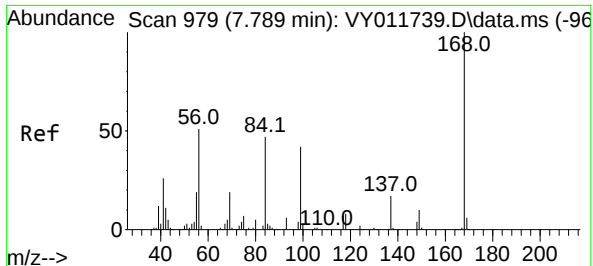
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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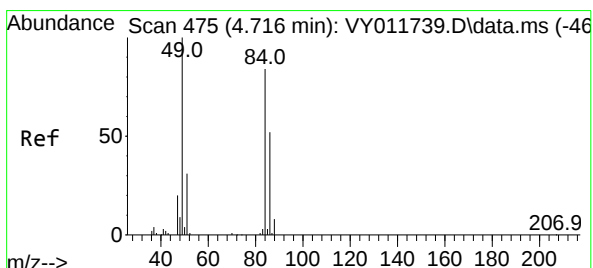
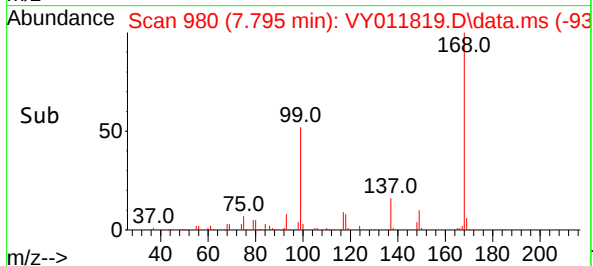
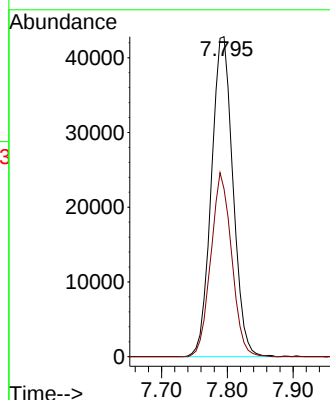
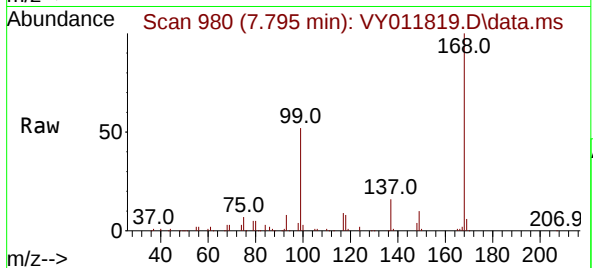




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011819.D
Acq: 14 Dec 2022 02:22

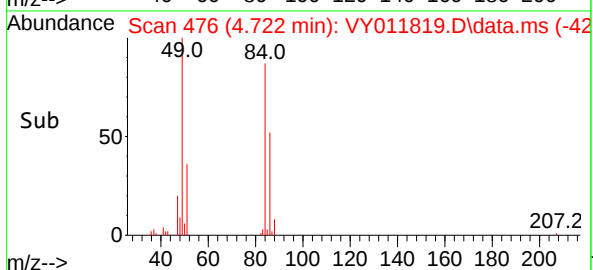
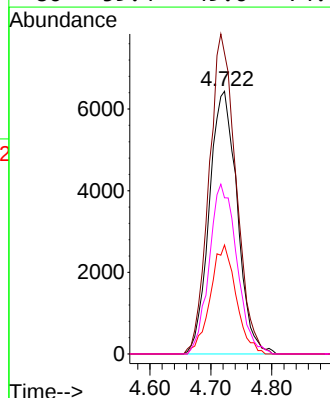
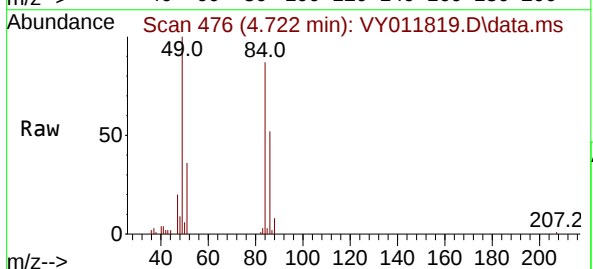
Instrument :
MSVOA_Y
ClientSampleId :
RB-23-(8-10)

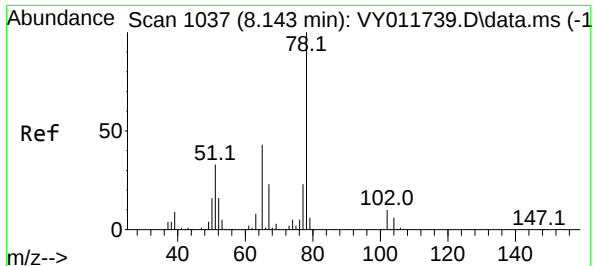
Tgt Ion:168 Resp: 97933
Ion Ratio Lower Upper
168 100
99 52.4 44.0 66.0



#20
Methylene Chloride
Concen: 17.721 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY011819.D
Acq: 14 Dec 2022 02:22

Tgt Ion: 84 Resp: 20479
Ion Ratio Lower Upper
84 100
49 114.4 95.4 143.2
51 41.5 29.9 44.9
86 59.4 49.6 74.4





#33

1,2-Dichloroethane-d4

Concen: 58.058 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011819.D

Acq: 14 Dec 2022 02:22

Instrument :

MSVOA_Y

ClientSampleId :

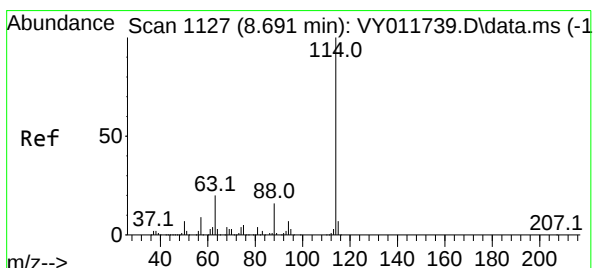
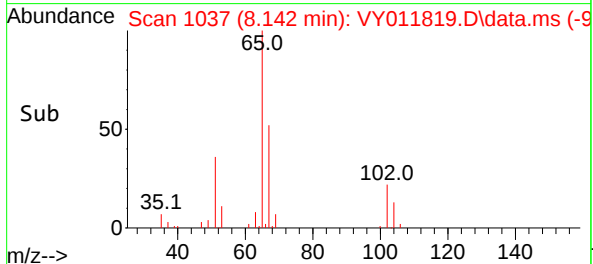
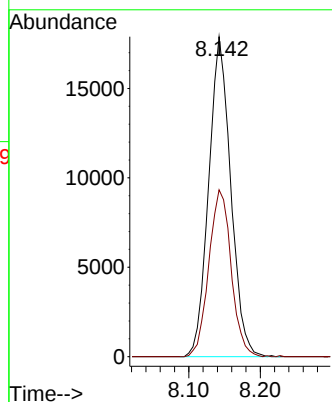
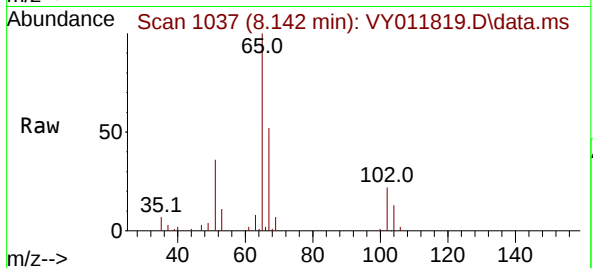
RB-23-(8-10)

Tgt Ion: 65 Resp: 38283

Ion Ratio Lower Upper

65 100

67 52.9 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: VY011819.D

Acq: 14 Dec 2022 02:22

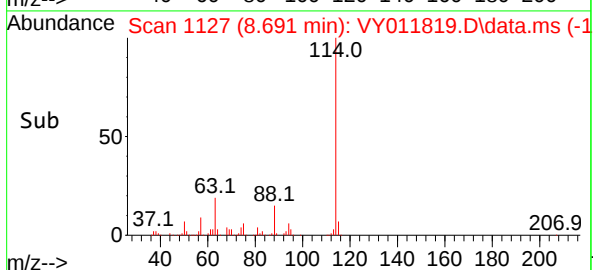
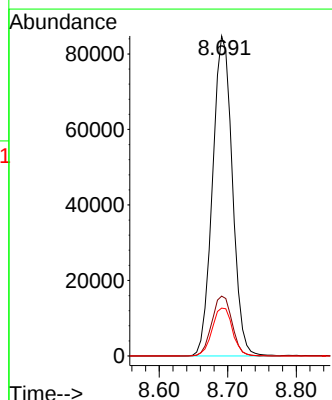
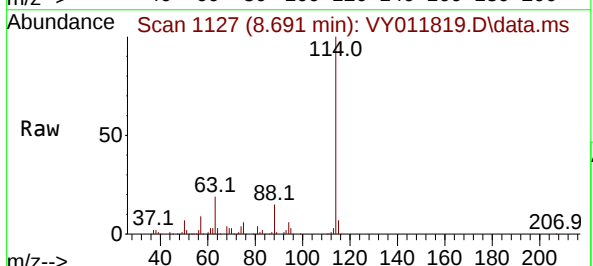
Tgt Ion: 114 Resp: 170122

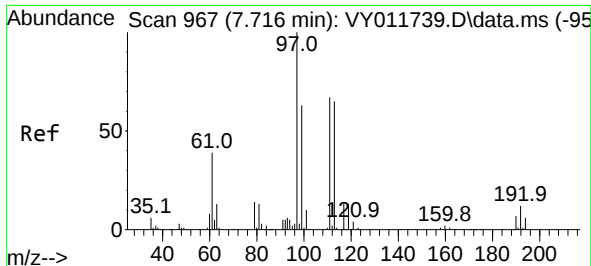
Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.6

88 14.9 0.0 32.2

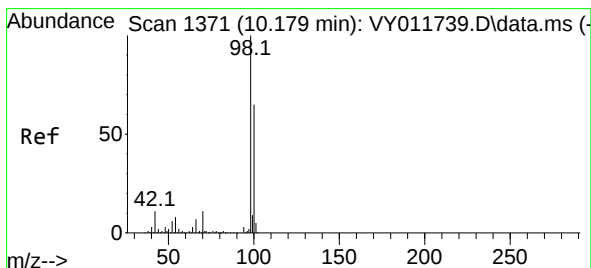
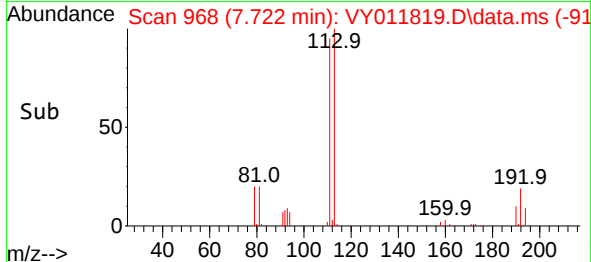
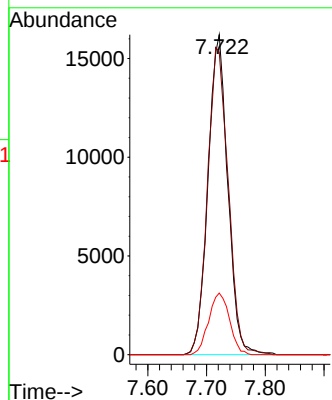
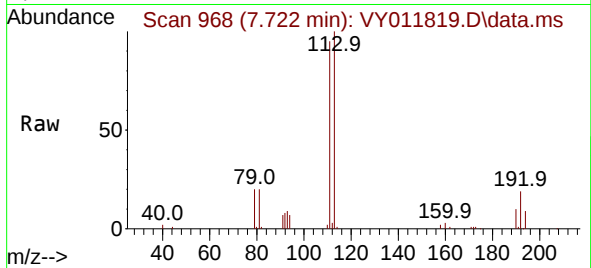




#35
Dibromofluoromethane
Concen: 50.070 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011819.D
Acq: 14 Dec 2022 02:22

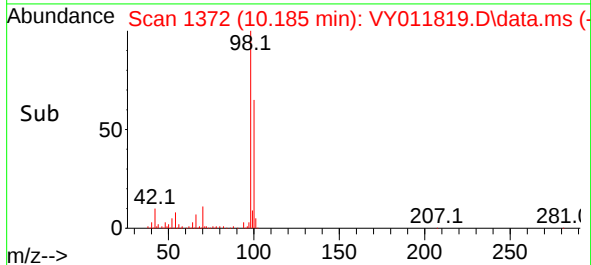
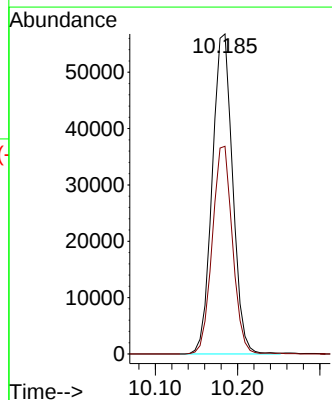
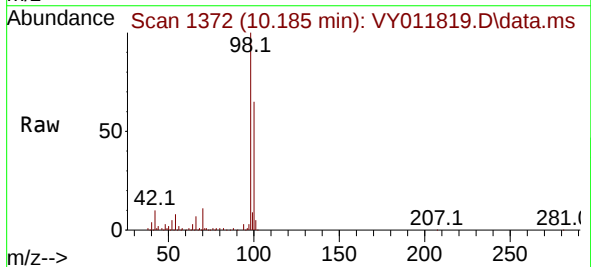
Instrument :
MSVOA_Y
ClientSampleId :
RB-23-(8-10)

Tgt Ion:113 Resp: 37841
Ion Ratio Lower Upper
113 100
111 100.4 83.0 124.4
192 20.3 16.0 24.0



#50
Toluene-d8
Concen: 37.897 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY011819.D
Acq: 14 Dec 2022 02:22

Tgt Ion: 98 Resp: 97894
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9

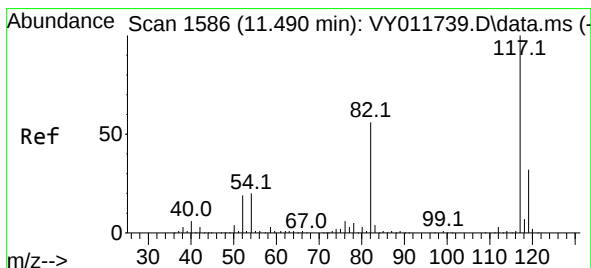
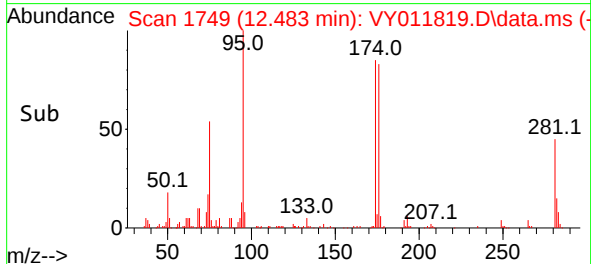
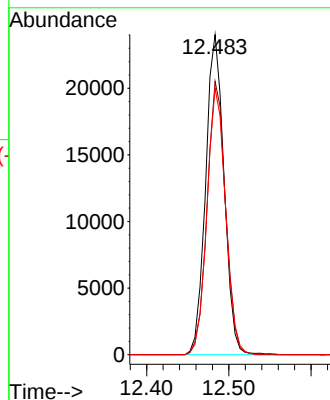
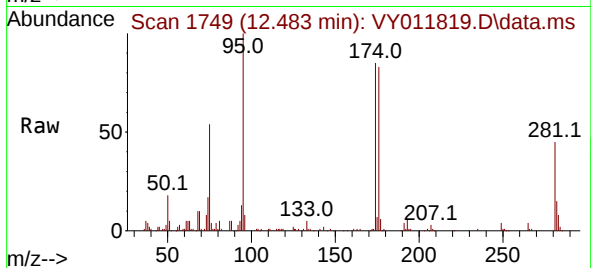




#62
4-Bromofluorobenzene
Concen: 36.648 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011819.D
Acq: 14 Dec 2022 02:22

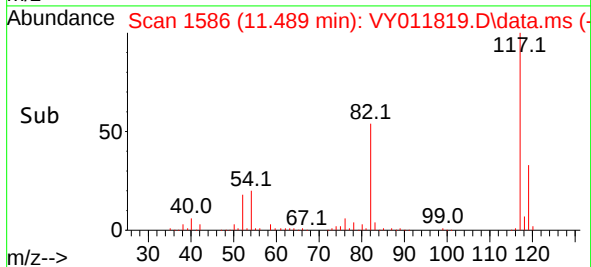
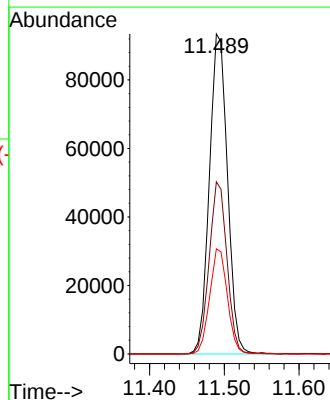
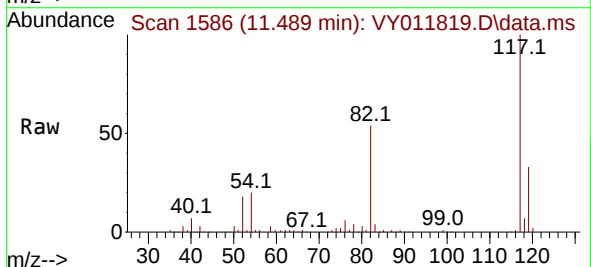
Instrument :
MSVOA_Y
ClientSampleId :
RB-23-(8-10)

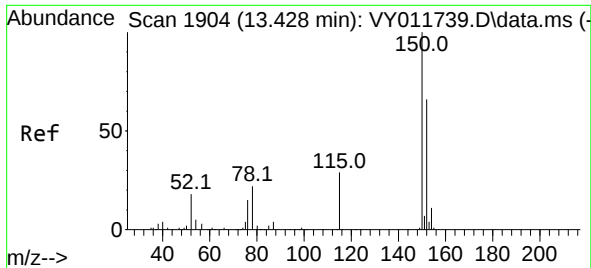
Tgt Ion: 95 Resp: 37350
Ion Ratio Lower Upper
95 100
174 85.7 0.0 172.0
176 84.1 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011819.D
Acq: 14 Dec 2022 02:22

Tgt Ion: 117 Resp: 157168
Ion Ratio Lower Upper
117 100
82 53.8 44.8 67.2
119 32.9 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY011819.D

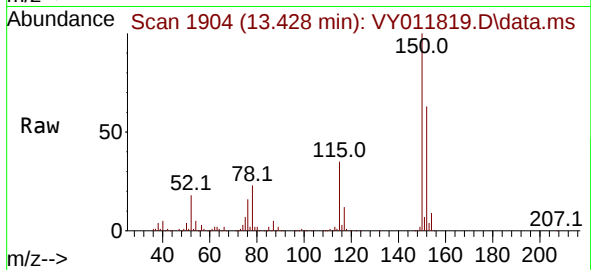
Acq: 14 Dec 2022 02:22

Instrument :

MSVOA_Y

ClientSampleId :

RB-23-(8-10)



Tgt Ion:152 Resp: 65079

Ion Ratio Lower Upper

152 100

115 56.8 29.1 87.3

150 159.0 0.0 342.6

