

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121322\
 Data File : VY011827.D
 Acq On : 14 Dec 2022 05:24
 Operator : KP/MD
 Sample : N6037-23
 Misc : 5.85g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-28-(2.5-4.5)

Quant Time: Dec 14 06:16:44 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)

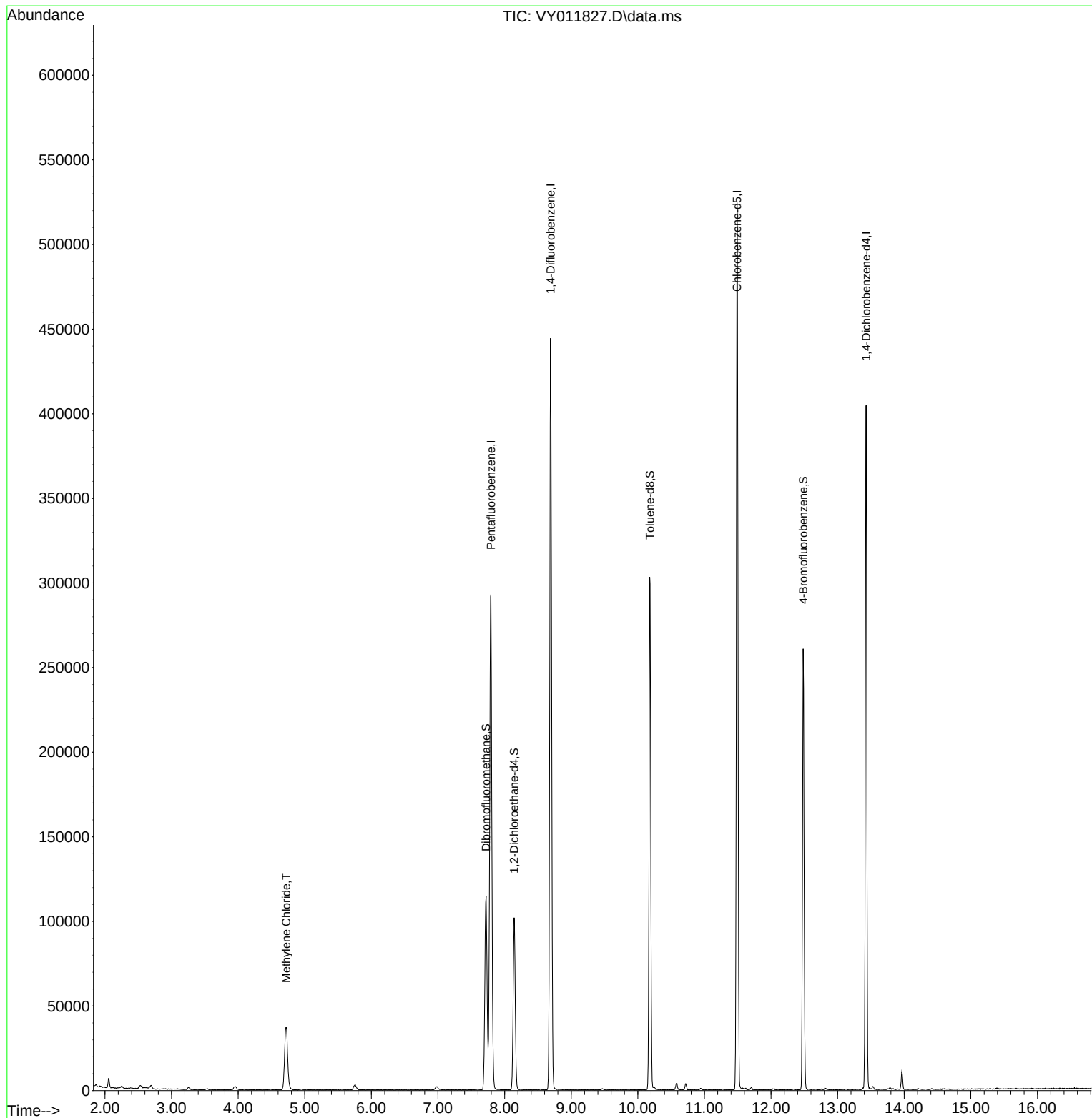
Internal Standards						
1) Pentafluorobenzene	7.795	168	229149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	375769	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	292346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	104979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	78745	50.397	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.800%
35) Dibromofluoromethane	7.722	113	80989	48.385	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.760%
50) Toluene-d8	10.185	98	206331	35.811	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	71.620%
62) 4-Bromofluorobenzene	12.483	95	69170	29.915	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	59.820%
Target Compounds						
20) Methylene Chloride	4.722	84	29607	8.405	ug/l	Qvalue 98

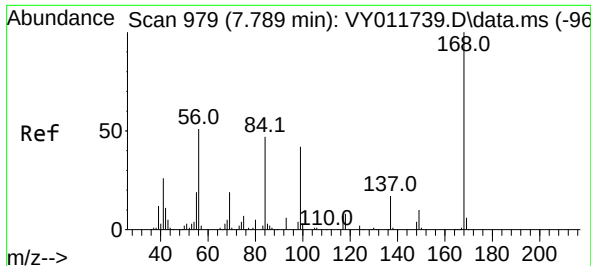
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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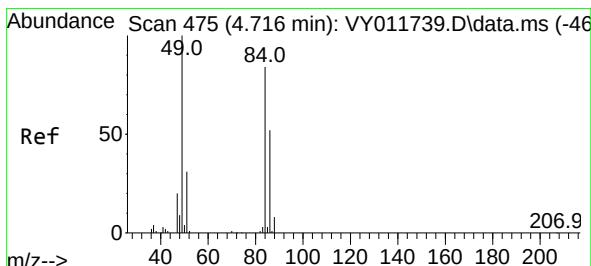
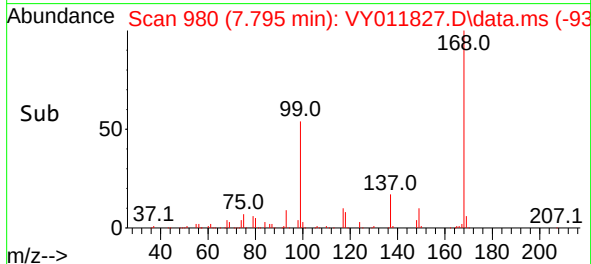
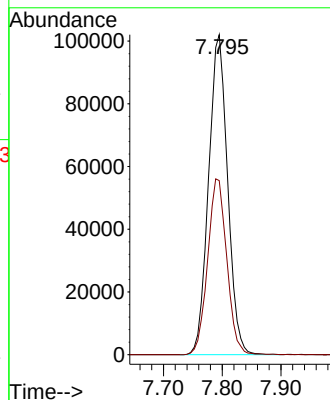
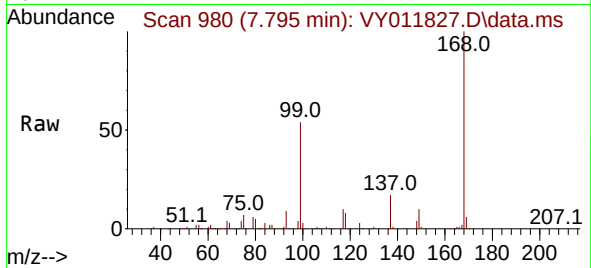




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011827.D
Acq: 14 Dec 2022 05:24

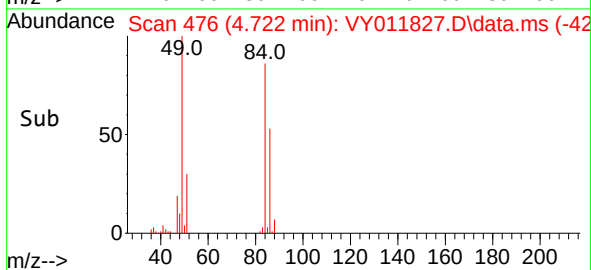
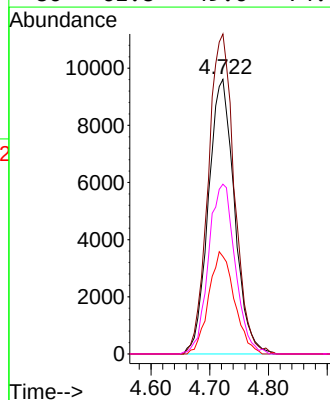
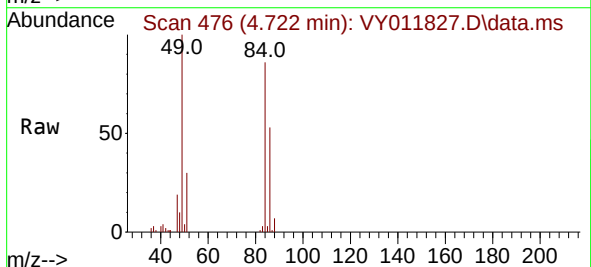
Instrument :
MSVOA_Y
ClientSampleId :
RB-28-(2.5-4.5)

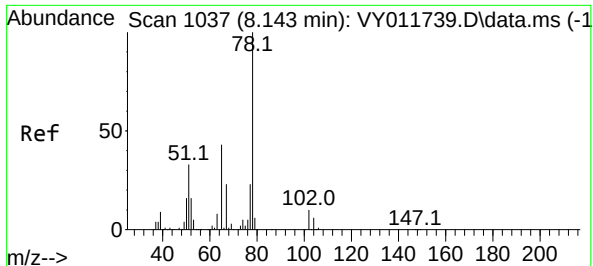
Tgt Ion:168 Resp: 229149
Ion Ratio Lower Upper
168 100
99 54.4 44.0 66.0



#20
Methylene Chloride
Concen: 8.405 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY011827.D
Acq: 14 Dec 2022 05:24

Tgt Ion: 84 Resp: 29607
Ion Ratio Lower Upper
84 100
49 116.5 95.4 143.2
51 35.5 29.9 44.9
86 61.8 49.6 74.4

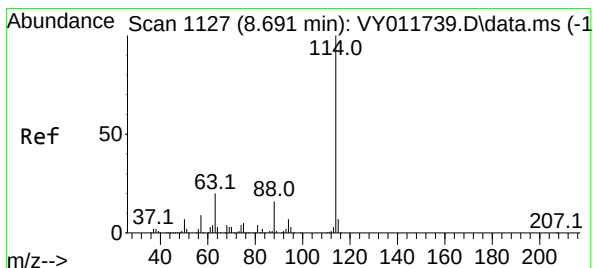
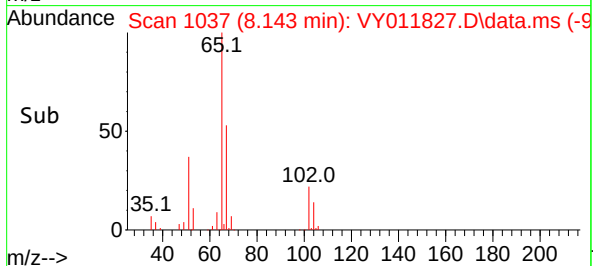
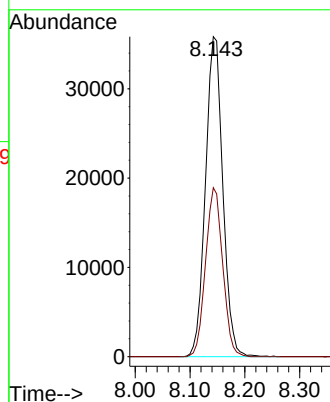
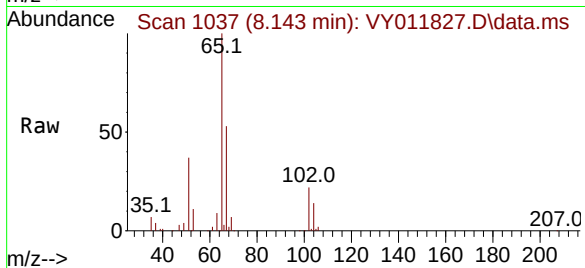




#33
 1,2-Dichloroethane-d4
 Concen: 50.397 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.001 min
 Lab File: VY011827.D
 Acq: 14 Dec 2022 05:24

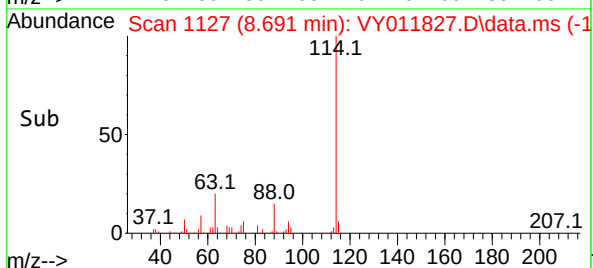
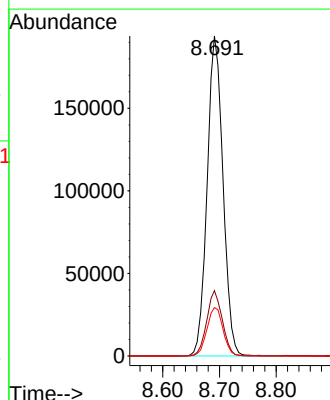
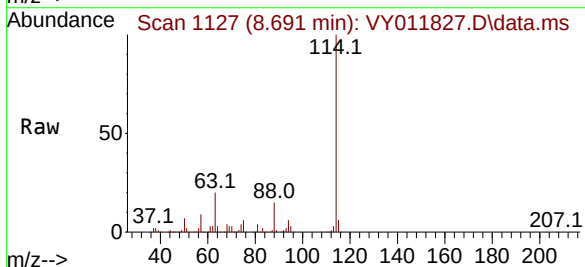
Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-28-(2.5-4.5)

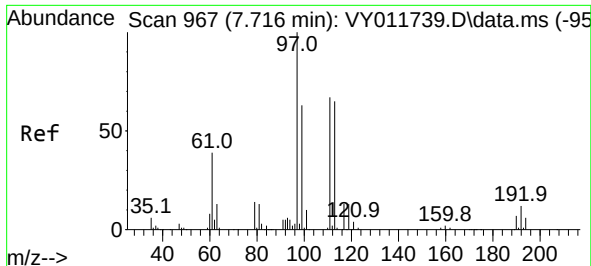
Tgt Ion: 65 Resp: 78745
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY011827.D
 Acq: 14 Dec 2022 05:24

Tgt Ion: 114 Resp: 375769
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.6
 88 15.1 0.0 32.2

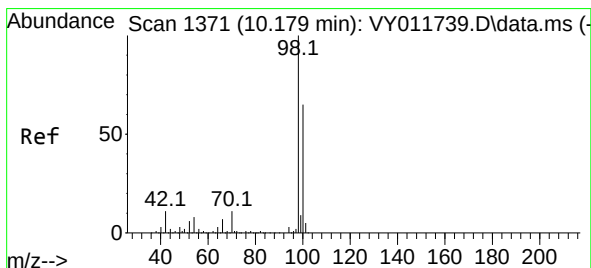
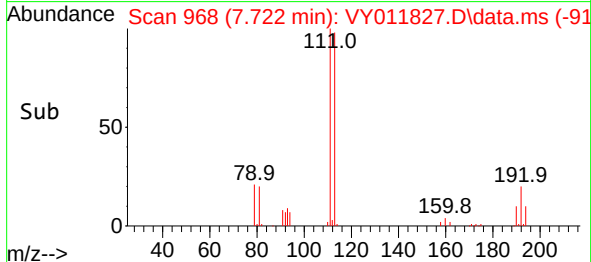
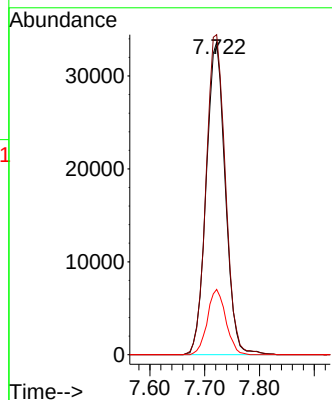
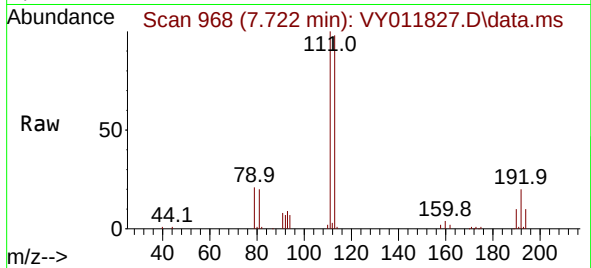




#35
Dibromofluoromethane
Concen: 48.385 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011827.D
Acq: 14 Dec 2022 05:24

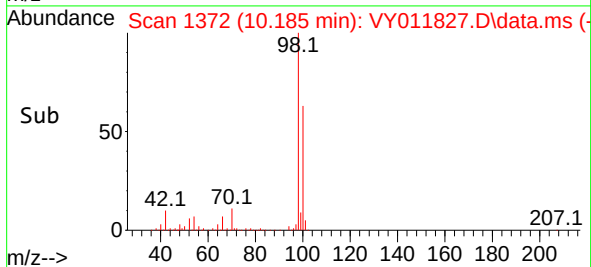
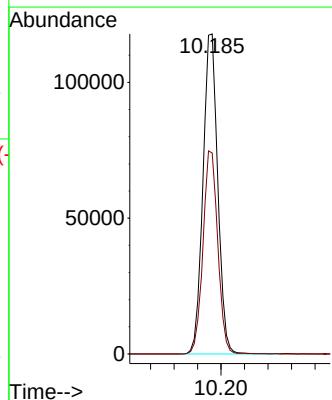
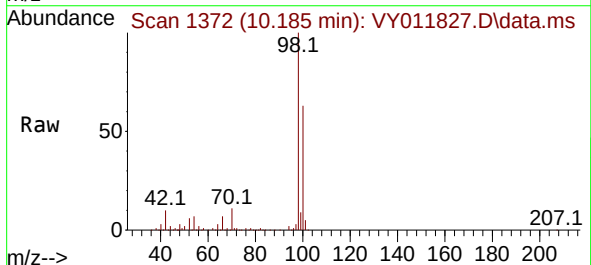
Instrument :
MSVOA_Y
ClientSampleId :
RB-28-(2.5-4.5)

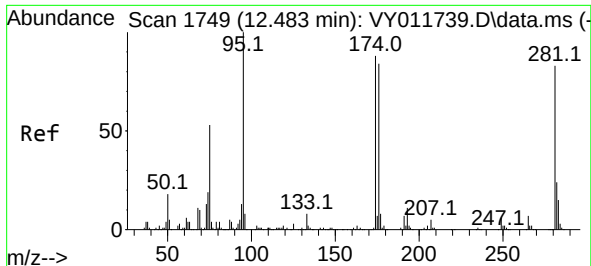
Tgt Ion:113 Resp: 80989
Ion Ratio Lower Upper
113 100
111 103.9 83.0 124.4
192 20.2 16.0 24.0



#50
Toluene-d8
Concen: 35.811 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY011827.D
Acq: 14 Dec 2022 05:24

Tgt Ion: 98 Resp: 206331
Ion Ratio Lower Upper
98 100
100 63.4 51.9 77.9

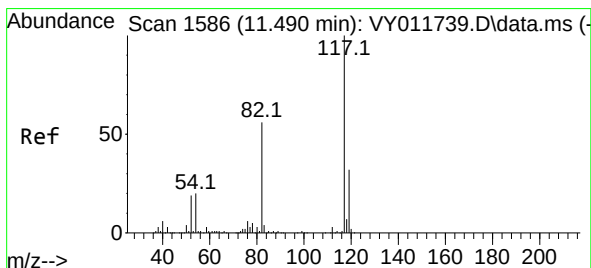
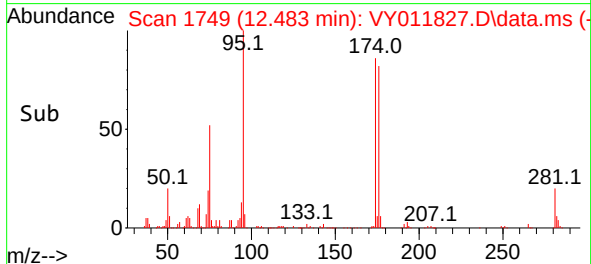
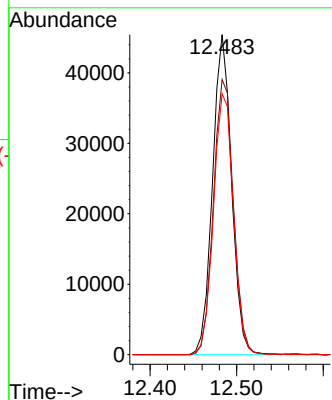
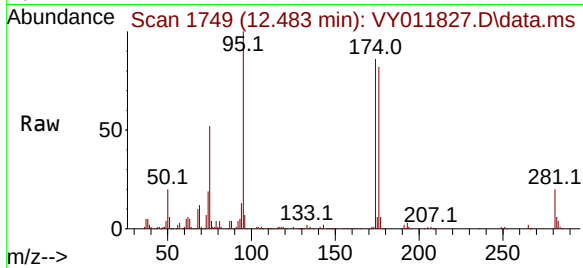




#62
4-Bromofluorobenzene
Concen: 29.915 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011827.D
Acq: 14 Dec 2022 05:24

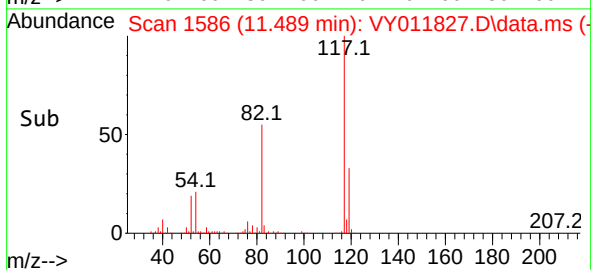
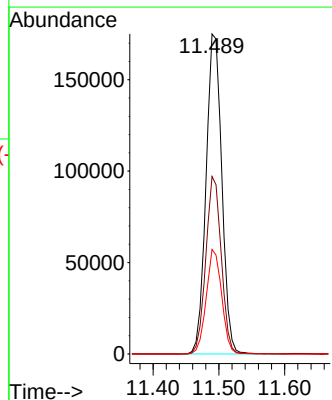
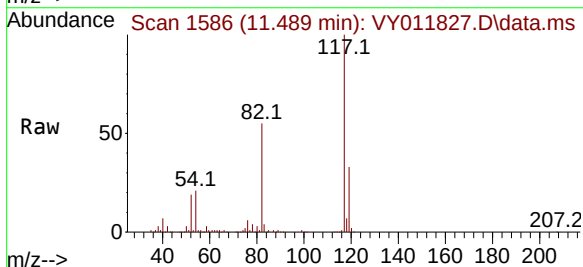
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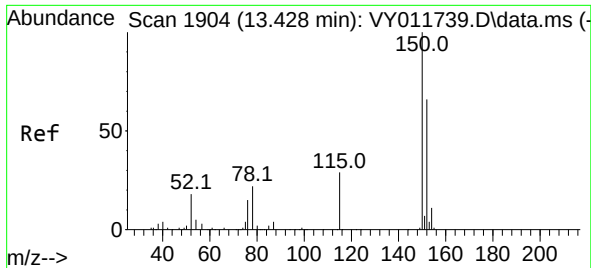
Tgt Ion: 95 Resp: 69170
Ion Ratio Lower Upper
95 100
174 90.8 0.0 172.0
176 86.0 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011827.D
Acq: 14 Dec 2022 05:24

Tgt Ion: 117 Resp: 292346
Ion Ratio Lower Upper
117 100
82 55.5 44.8 67.2
119 32.6 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: VY011827.D

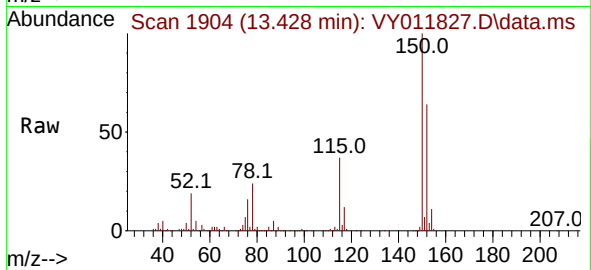
Acq: 14 Dec 2022 05:24

Instrument :

MSVOA_Y

ClientSampleId :

RB-28-(2.5-4.5)



Tgt Ion:152 Resp: 104979

Ion Ratio Lower Upper

152 100

115 56.6 29.1 87.3

150 156.5 0.0 342.6

