

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121322\
 Data File : VY011828.D
 Acq On : 14 Dec 2022 05:46
 Operator : KP/MD
 Sample : N6037-24
 Misc : 4.93g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-28-(5-7)

Quant Time: Dec 14 06:16:54 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)

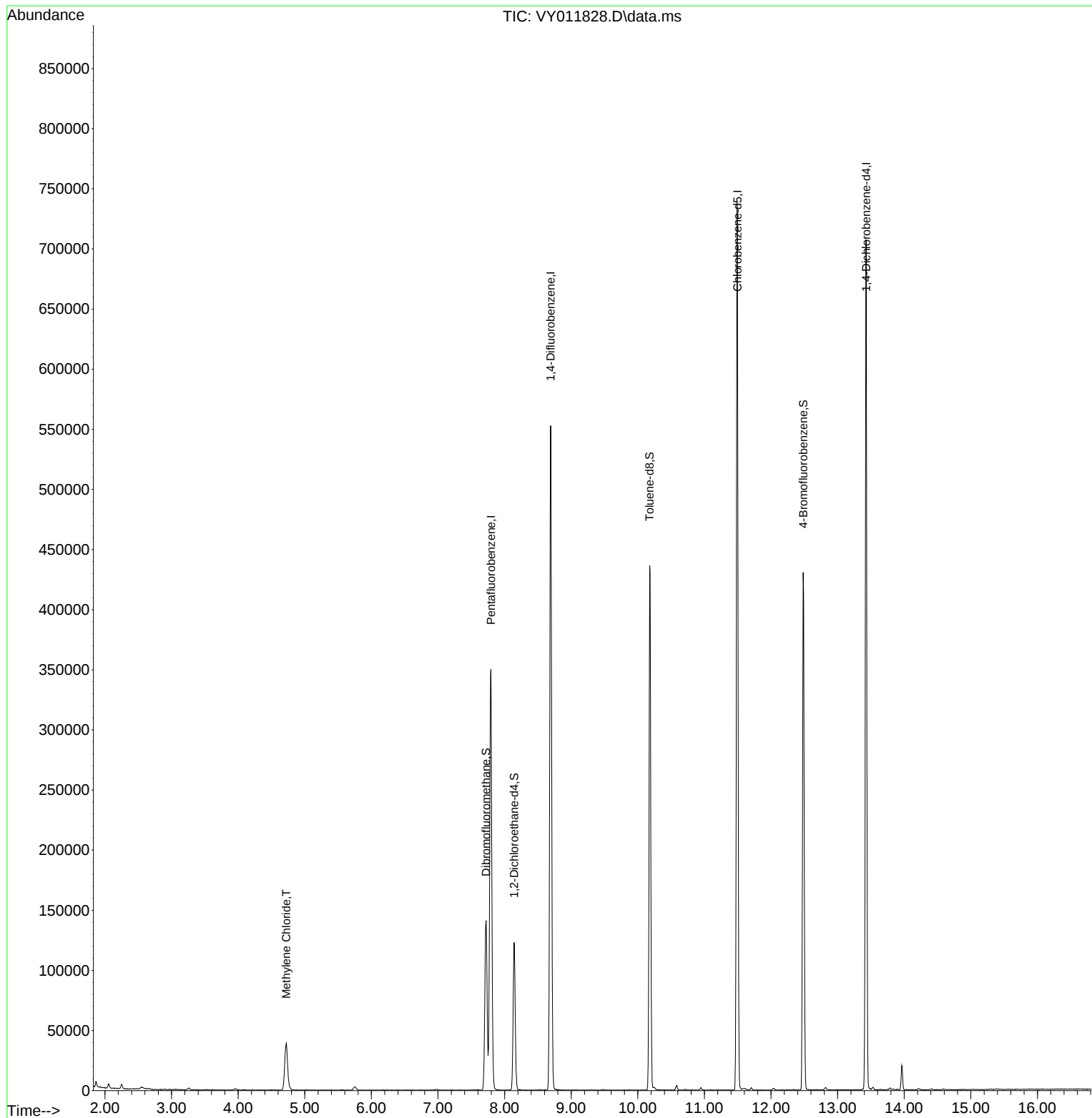
Internal Standards						
1) Pentafluorobenzene	7.795	168	266931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	465442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	408013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	179103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	94793	52.258	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.520%
35) Dibromofluoromethane	7.722	113	100939	48.711	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.420%
50) Toluene-d8	10.179	98	293064	42.188	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	84.380%
62) 4-Bromofluorobenzene	12.483	95	110371	39.986	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.980%
Target Compounds						
20) Methylene Chloride	4.722	84	29543	6.245	ug/l	99

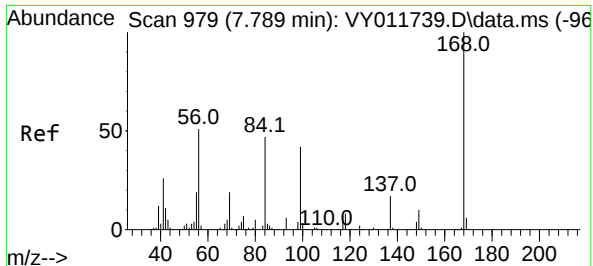
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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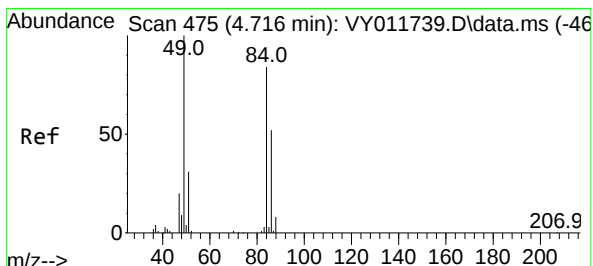
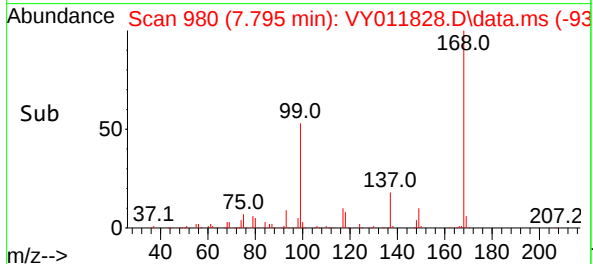
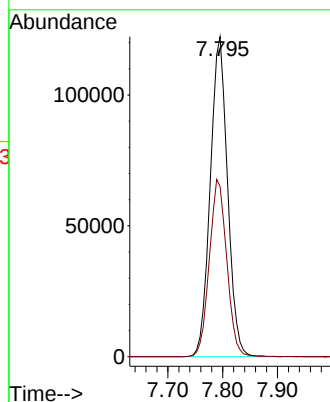
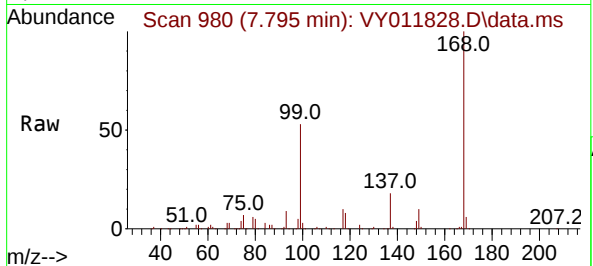




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011828.D
Acq: 14 Dec 2022 05:46

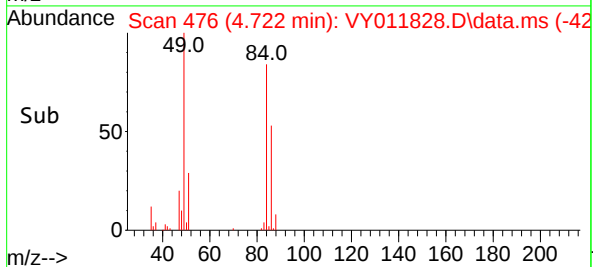
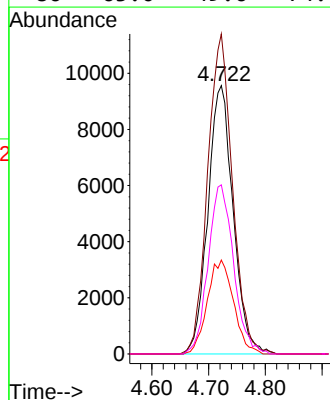
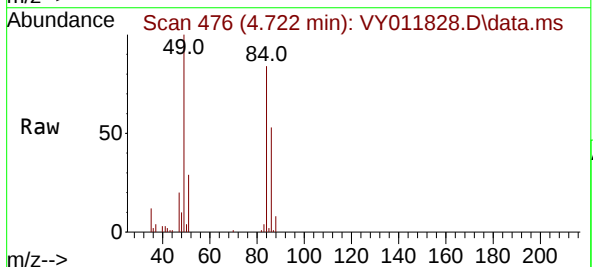
Instrument :
MSVOA_Y
ClientSampleId :
RB-28-(5-7)

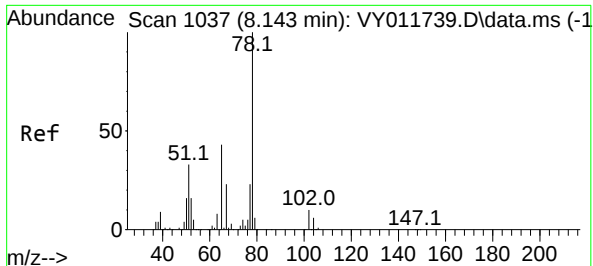
Tgt Ion:168 Resp: 266931
Ion Ratio Lower Upper
168 100
99 53.3 44.0 66.0



#20
Methylene Chloride
Concen: 6.245 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY011828.D
Acq: 14 Dec 2022 05:46

Tgt Ion: 84 Resp: 29543
Ion Ratio Lower Upper
84 100
49 119.3 95.4 143.2
51 35.0 29.9 44.9
86 63.0 49.6 74.4





#33

1,2-Dichloroethane-d4

Concen: 52.258 ug/l

RT: 8.143 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011828.D

Acq: 14 Dec 2022 05:46

Instrument :

MSVOA_Y

ClientSampleId :

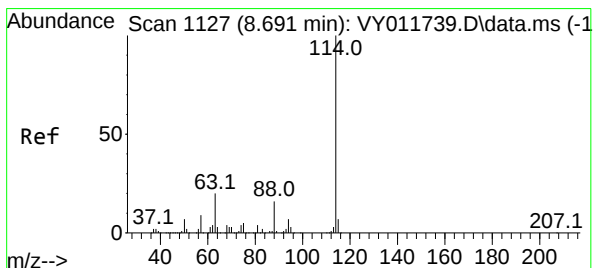
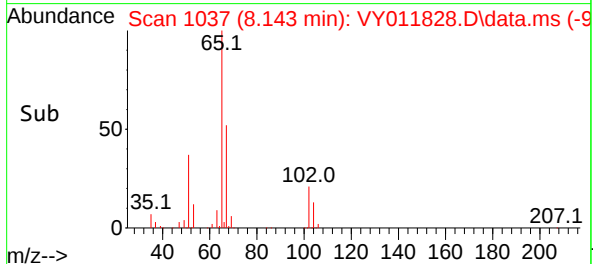
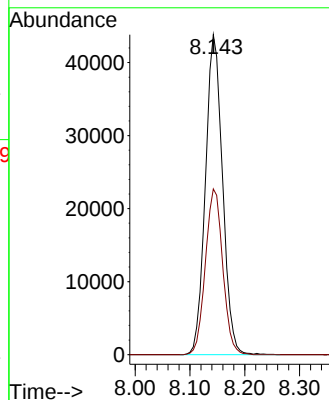
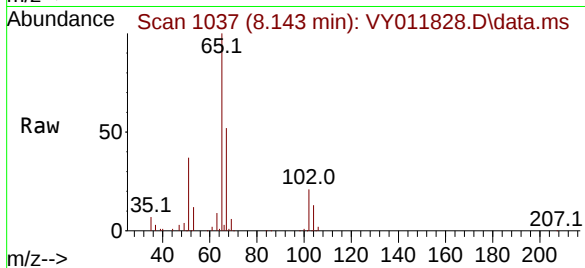
RB-28-(5-7)

Tgt Ion: 65 Resp: 94793

Ion Ratio Lower Upper

65 100

67 52.4 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: VY011828.D

Acq: 14 Dec 2022 05:46

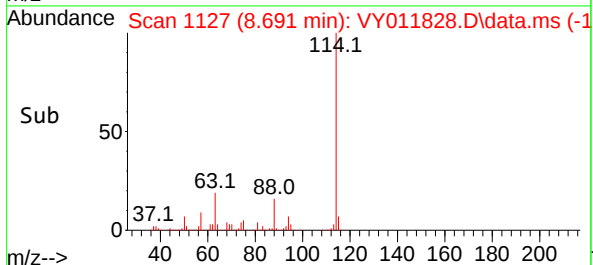
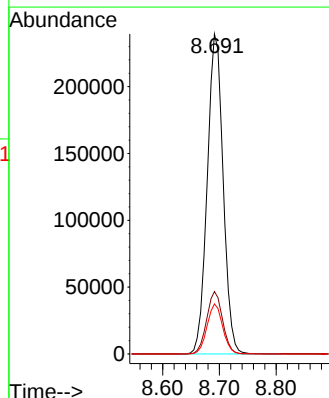
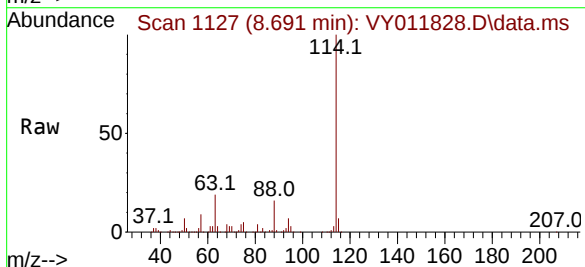
Tgt Ion: 114 Resp: 465442

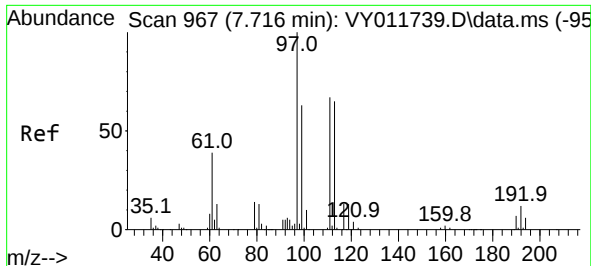
Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

88 15.6 0.0 32.2





#35

Dibromofluoromethane

Concen: 48.711 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY011828.D

Acq: 14 Dec 2022 05:46

Instrument :

MSVOA_Y

ClientSampleId :

RB-28-(5-7)

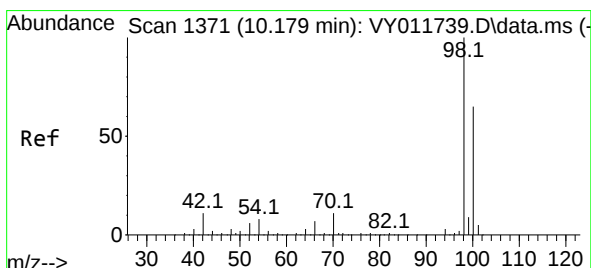
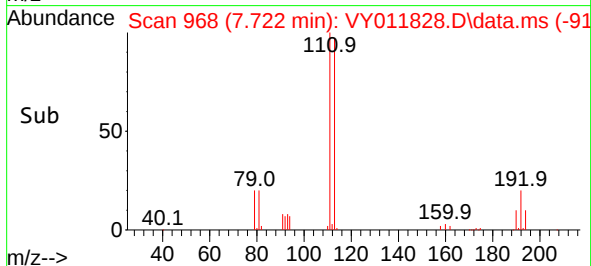
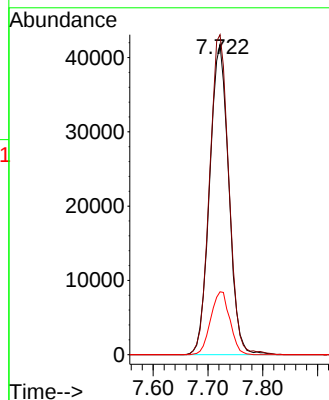
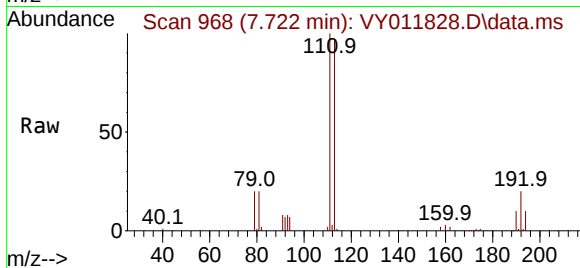
Tgt Ion:113 Resp: 100939

Ion Ratio Lower Upper

113 100

111 103.5 83.0 124.4

192 20.3 16.0 24.0



#50

Toluene-d8

Concen: 42.188 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011828.D

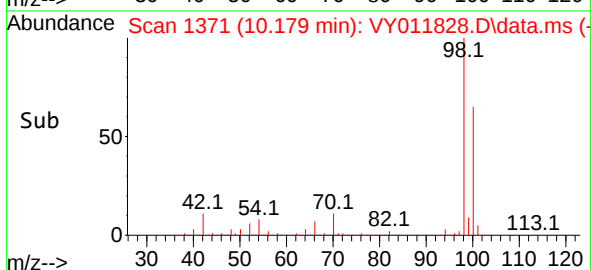
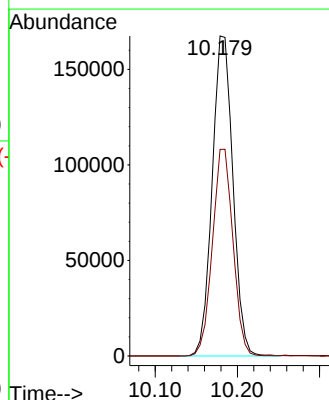
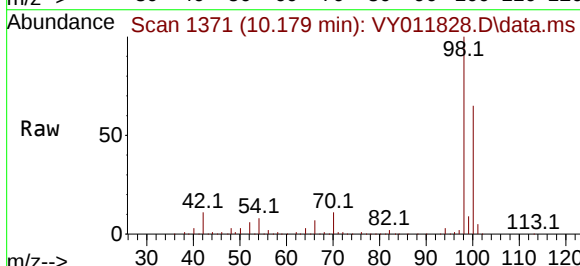
Acq: 14 Dec 2022 05:46

Tgt Ion: 98 Resp: 293064

Ion Ratio Lower Upper

98 100

100 64.1 51.9 77.9

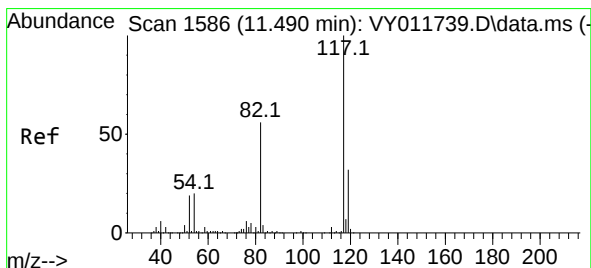
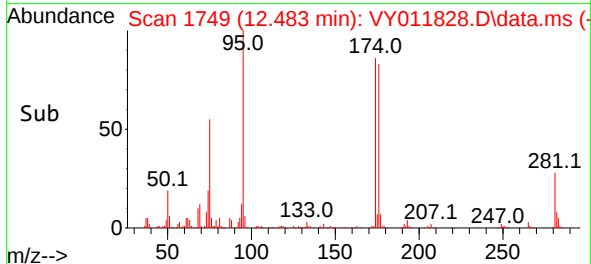
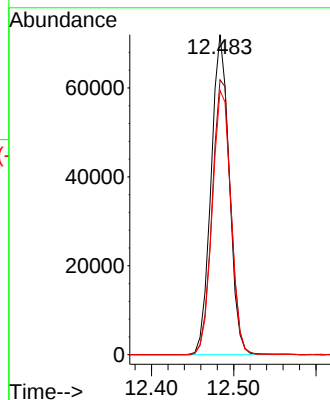
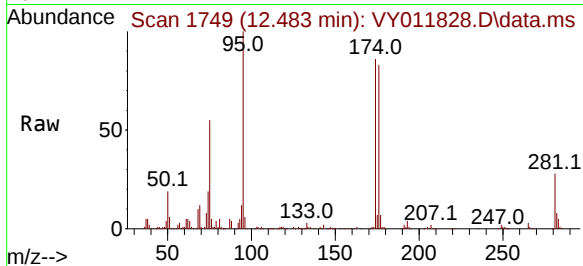




#62
4-Bromofluorobenzene
Concen: 39.986 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011828.D
Acq: 14 Dec 2022 05:46

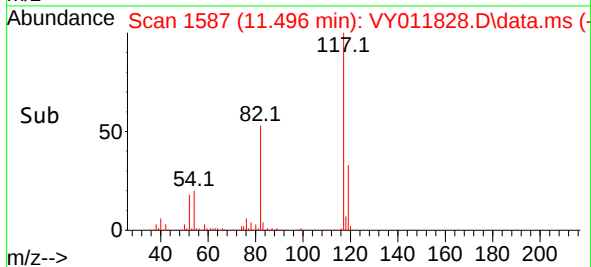
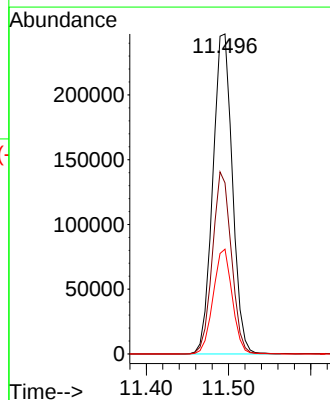
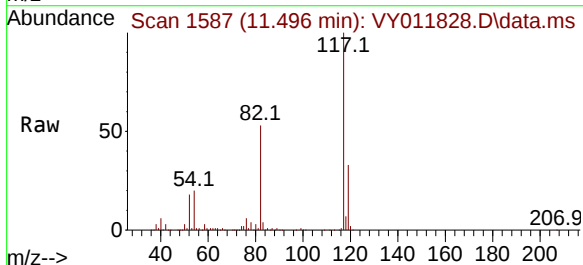
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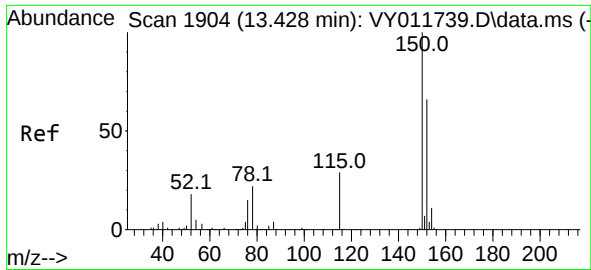
Tgt Ion: 95 Resp: 110371
Ion Ratio Lower Upper
95 100
174 88.5 0.0 172.0
176 85.1 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY011828.D
Acq: 14 Dec 2022 05:46

Tgt Ion: 117 Resp: 408013
Ion Ratio Lower Upper
117 100
82 53.4 44.8 67.2
119 32.7 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: VY011828.D
 Acq: 14 Dec 2022 05:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-28-(5-7)

Tgt Ion:152 Resp: 179103
 Ion Ratio Lower Upper
 152 100
 115 57.0 29.1 87.3
 150 157.2 0.0 342.6

