

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122022\
 Data File : VY011928.D
 Acq On : 20 Dec 2022 17:33
 Operator : KP/MD
 Sample : N6071-11
 Misc : 5.55g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FVSUB-TP8-COMP-08

Quant Time: Dec 21 00:10:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

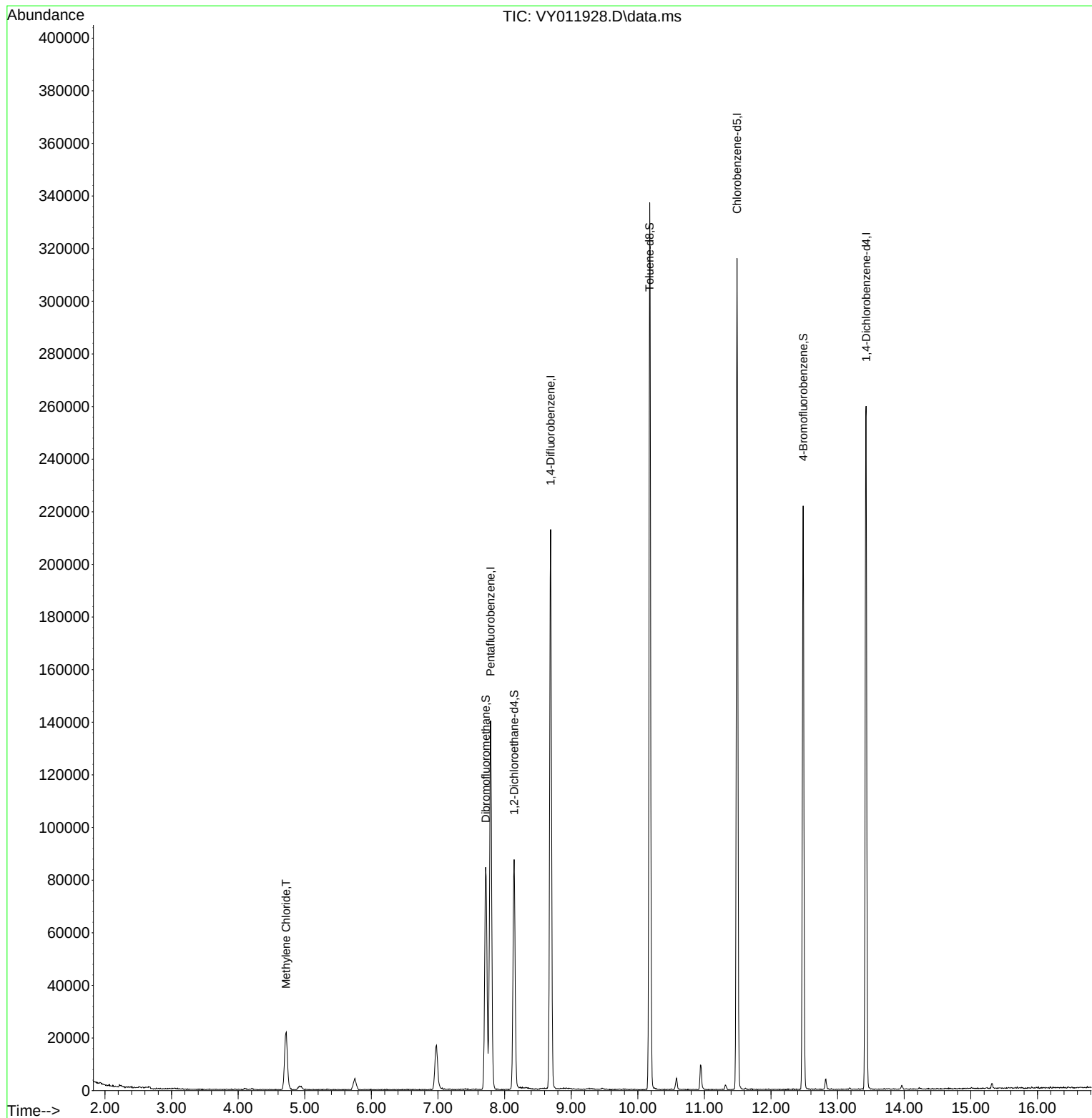
Internal Standards						
1) Pentafluorobenzene	7.789	168	106938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	181369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	173825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	70788	65.704	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.400%
35) Dibromofluoromethane	7.716	113	60622	55.520	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.040%
50) Toluene-d8	10.179	98	219632	49.578	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.160%
62) 4-Bromofluorobenzene	12.483	95	66520	44.647	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.300%
Target Compounds						
20) Methylene Chloride	4.716	84	17114	8.846	ug/l	98

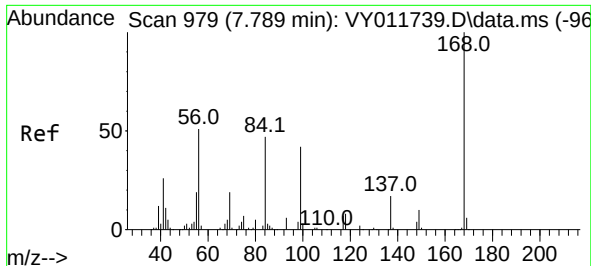
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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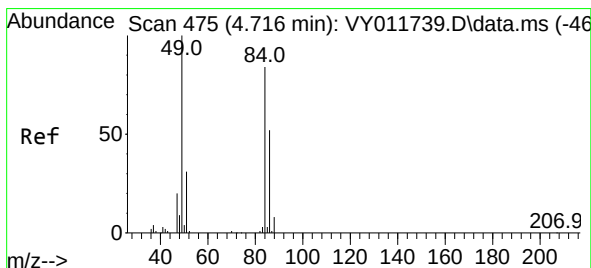
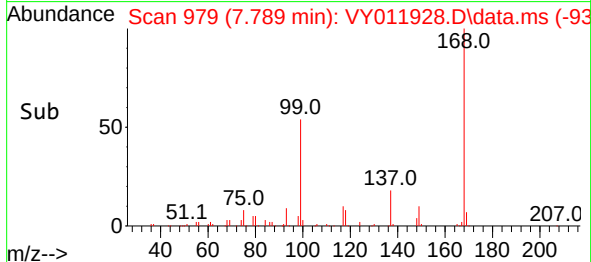
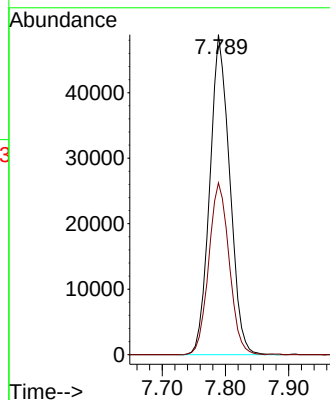
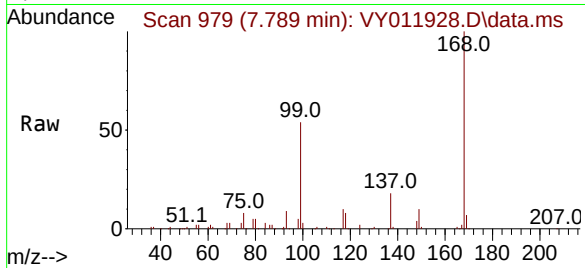




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011928.D
Acq: 20 Dec 2022 17:33

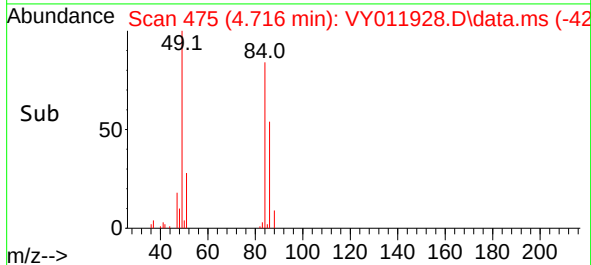
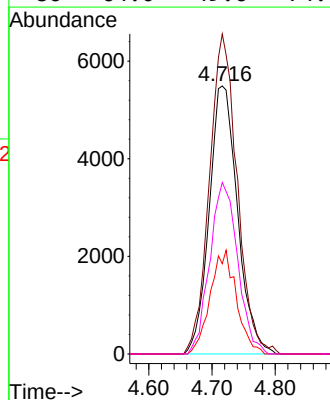
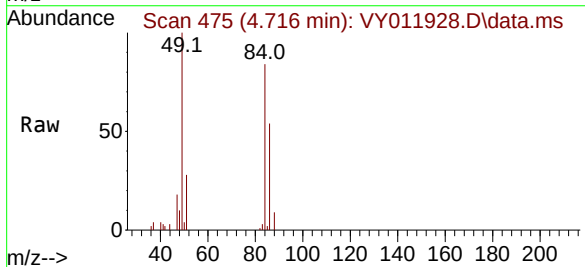
Instrument :
MSVOA_Y
ClientSampleId :
FVSUB-TP8-COMP-08

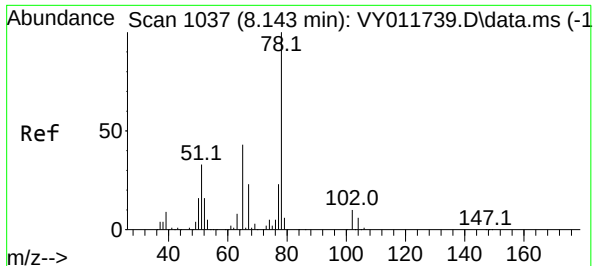
Tgt Ion:168 Resp: 106938
Ion Ratio Lower Upper
168 100
99 53.7 44.0 66.0



#20
Methylene Chloride
Concen: 8.846 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011928.D
Acq: 20 Dec 2022 17:33

Tgt Ion: 84 Resp: 17114
Ion Ratio Lower Upper
84 100
49 119.4 95.4 143.2
51 33.7 29.9 44.9
86 64.0 49.6 74.4





#33

1,2-Dichloroethane-d4

Concen: 65.704 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011928.D

Acq: 20 Dec 2022 17:33

Instrument :

MSVOA_Y

ClientSampleId :

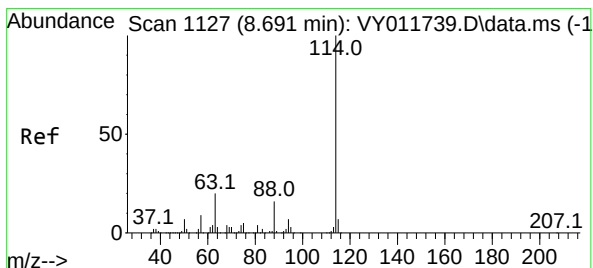
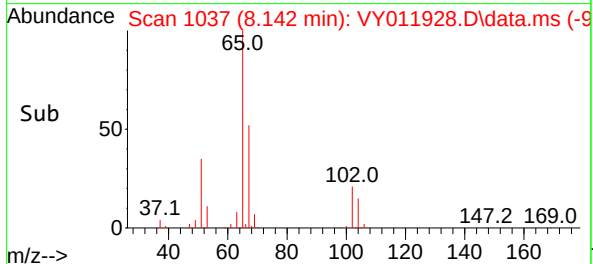
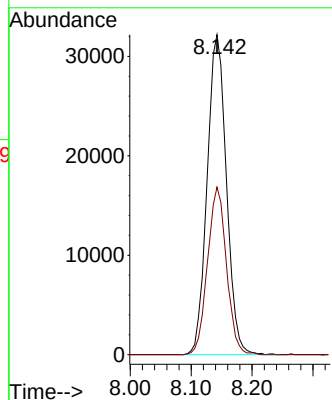
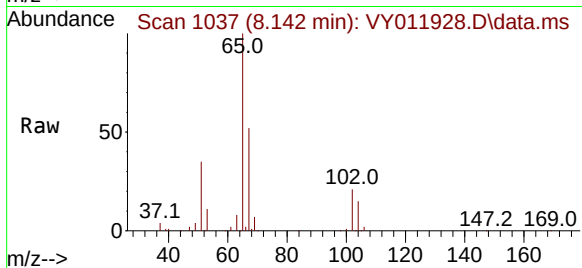
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Tgt Ion: 65 Resp: 70788

Ion Ratio Lower Upper

65 100

67 51.4 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: VY011928.D

Acq: 20 Dec 2022 17:33

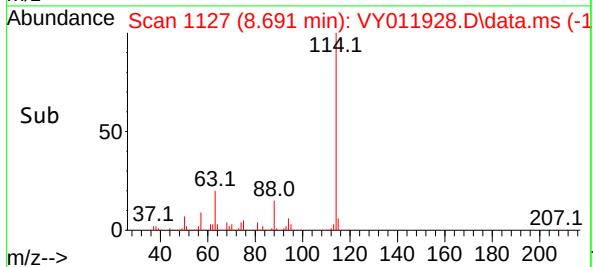
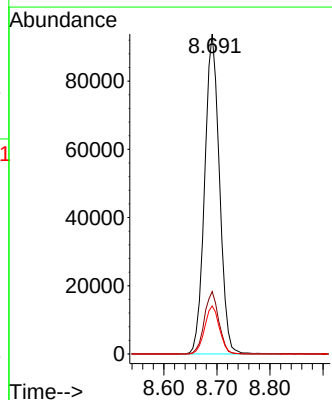
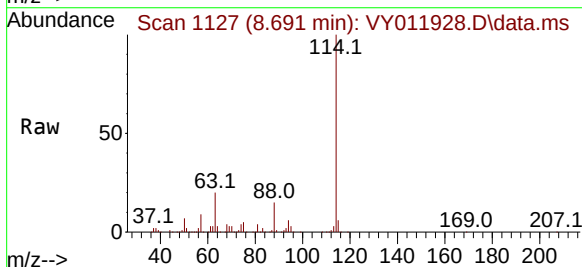
Tgt Ion: 114 Resp: 181369

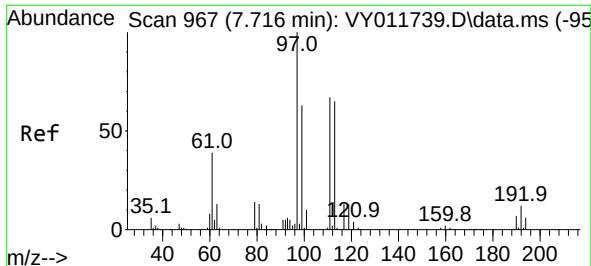
Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

88 15.0 0.0 32.2

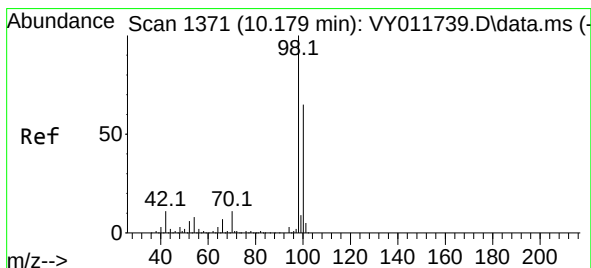
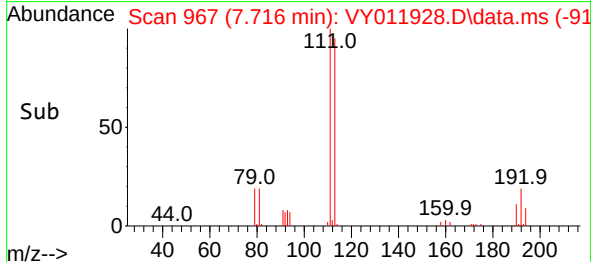
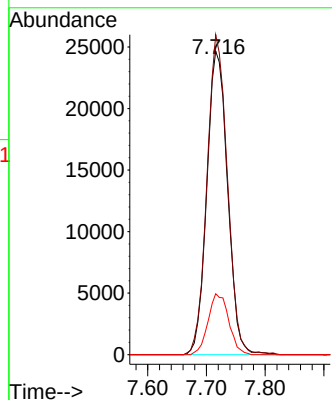
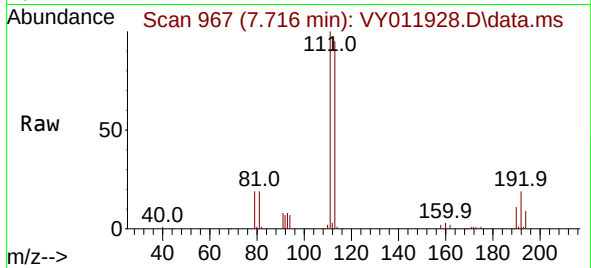




#35
Dibromofluoromethane
Concen: 55.520 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY011928.D
Acq: 20 Dec 2022 17:33

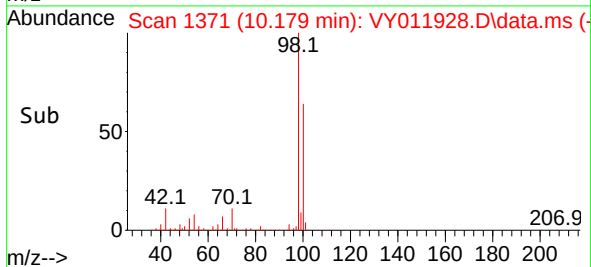
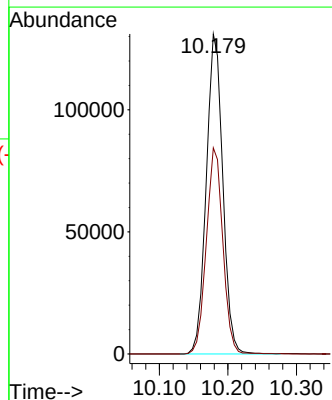
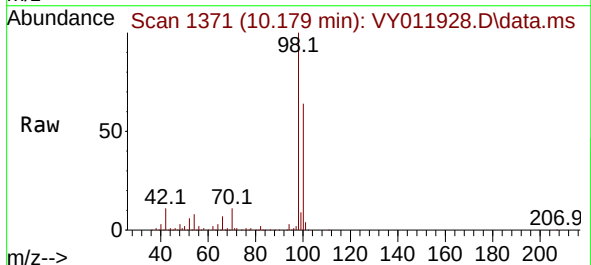
Instrument :
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ClientSampleId :
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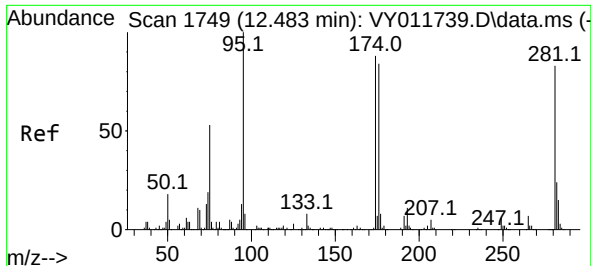
Tgt Ion:113 Resp: 60622
Ion Ratio Lower Upper
113 100
111 103.6 83.0 124.4
192 19.9 16.0 24.0



#50
Toluene-d8
Concen: 49.578 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011928.D
Acq: 20 Dec 2022 17:33

Tgt Ion: 98 Resp: 219632
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9

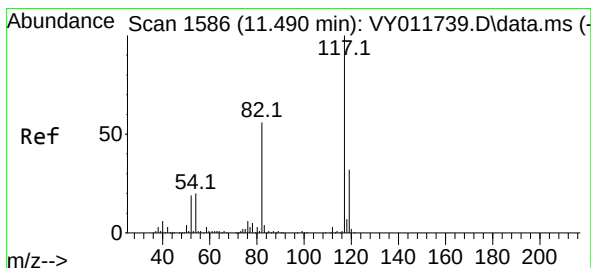
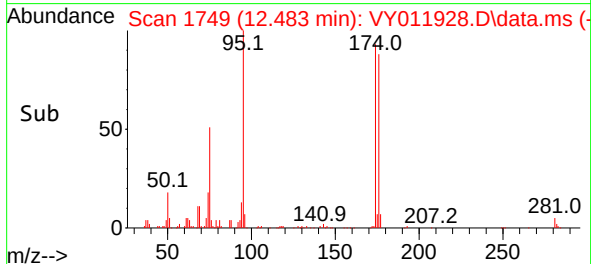
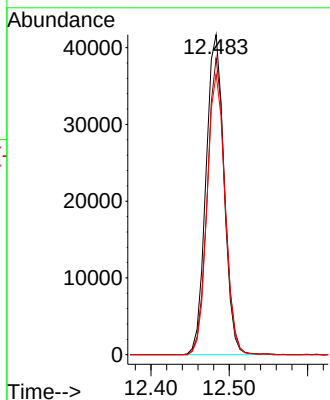
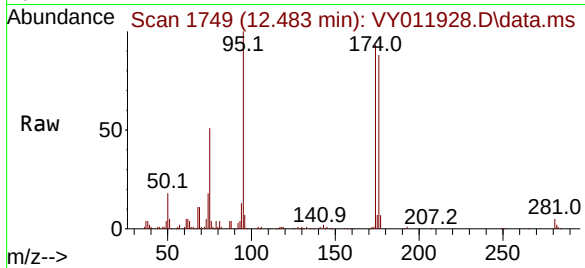




#62
4-Bromofluorobenzene
Concen: 44.647 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011928.D
Acq: 20 Dec 2022 17:33

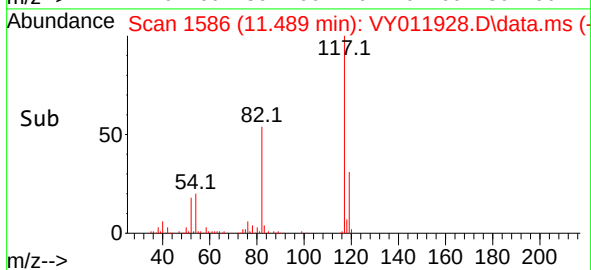
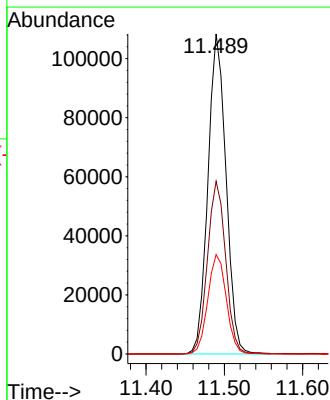
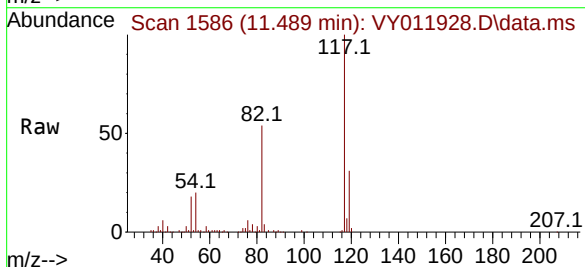
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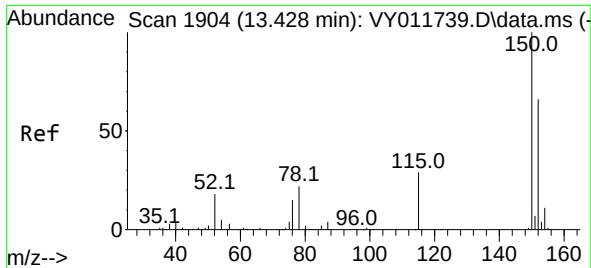
Tgt Ion: 95 Resp: 66520
Ion Ratio Lower Upper
95 100
174 90.8 0.0 172.0
176 86.8 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011928.D
Acq: 20 Dec 2022 17:33

Tgt Ion: 117 Resp: 173825
Ion Ratio Lower Upper
117 100
82 53.9 44.8 67.2
119 31.0 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: VY011928.D

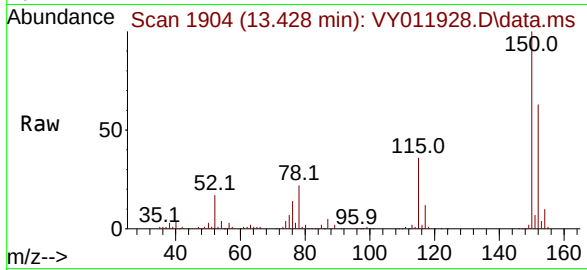
Acq: 20 Dec 2022 17:33

Instrument :

MSVOA_Y

ClientSampleId :

FVSub-TP8-COMP-08



Tgt Ion:152 Resp: 71206

Ion Ratio Lower Upper

152 100

115 58.7 29.1 87.3

150 159.3 0.0 342.6

