

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112122\
 Data File : VY011519.D
 Acq On : 21 Nov 2022 13:18
 Operator : KP/MD
 Sample : N5696-01RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-1-111722

Quant Time: Nov 22 01:45:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

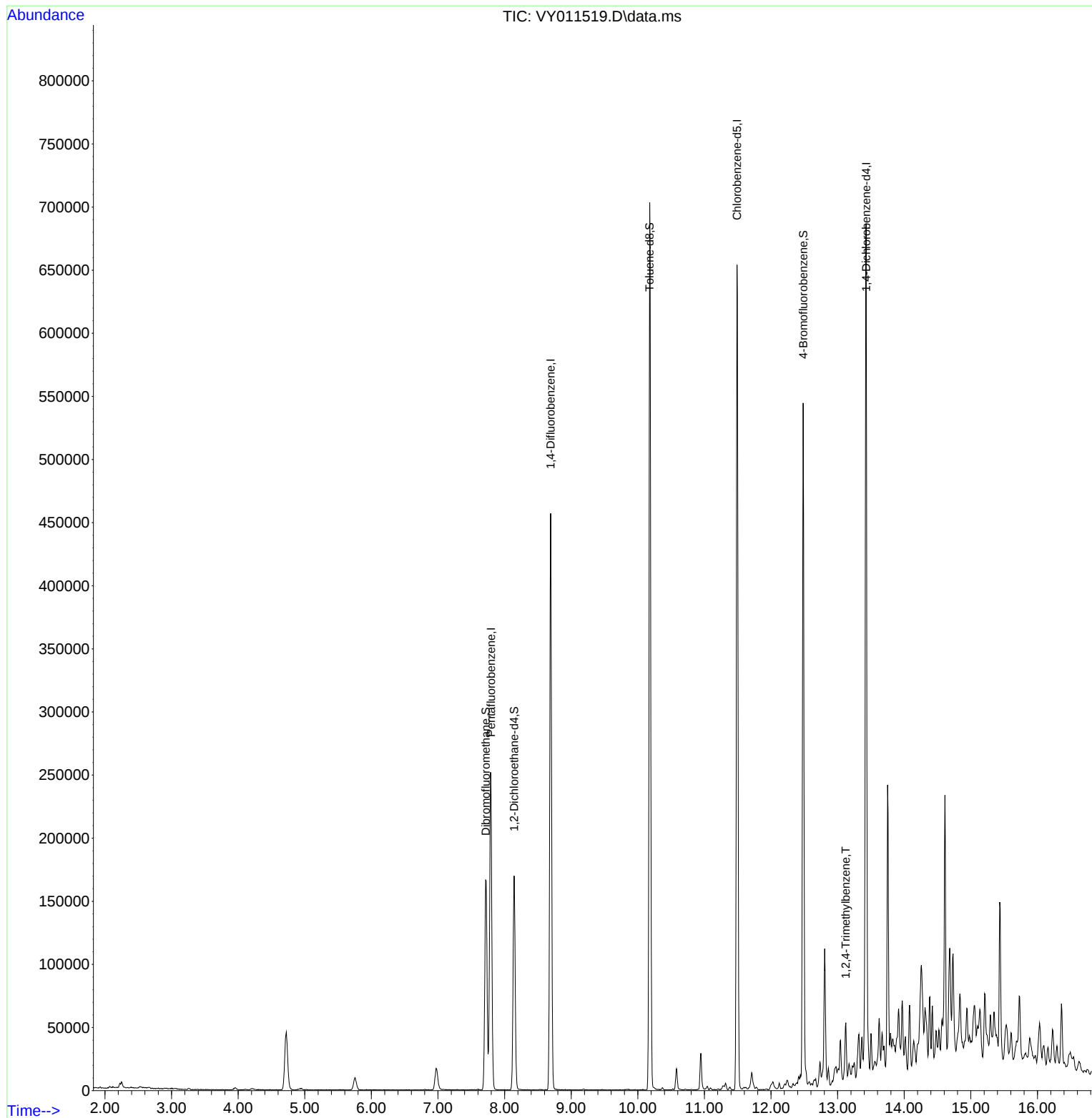
Internal Standards						
1) Pentafluorobenzene	7.795	168	192002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	369788	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	351698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	163581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	128894	66.114	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.220%
35) Dibromofluoromethane	7.716	113	117419	51.581	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.160%
50) Toluene-d8	10.179	98	451275	54.553	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.100%
62) 4-Bromofluorobenzene	12.483	95	151678	49.593	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.180%
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.123	105	22120	2.246	ug/l	Qvalue 96

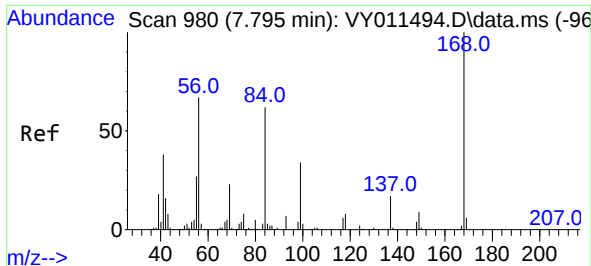
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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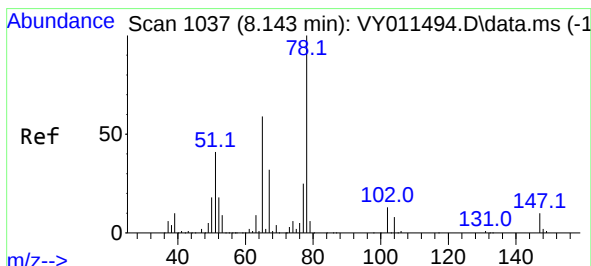
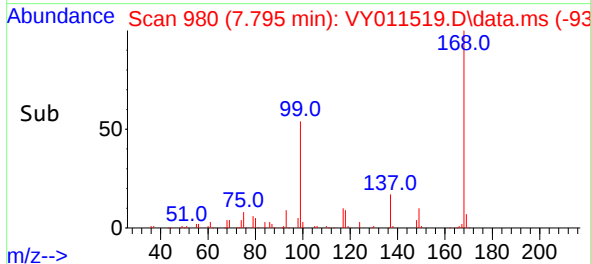
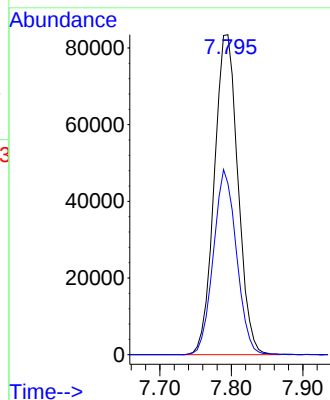
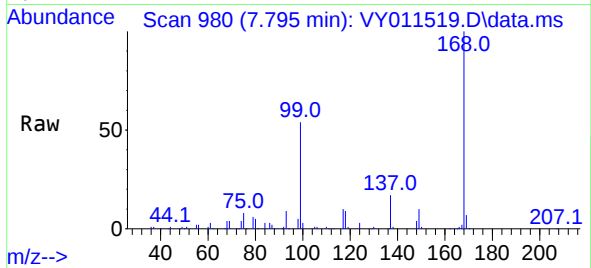




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011519.D
Acq: 21 Nov 2022 13:18

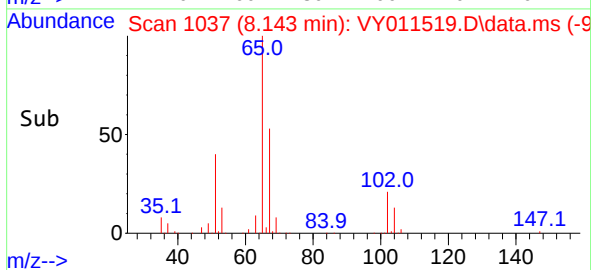
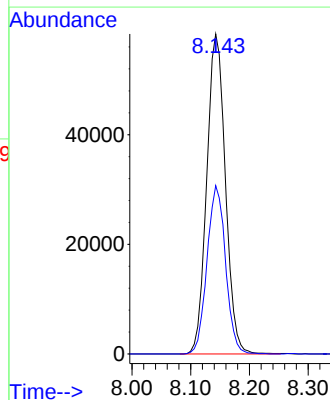
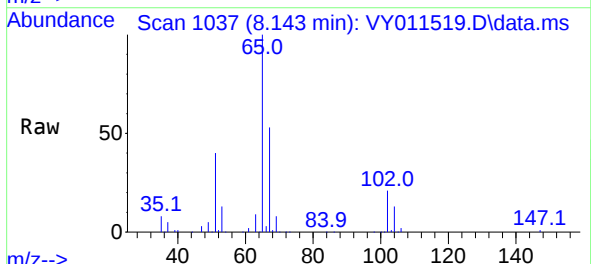
Instrument :
MSVOA_Y
ClientSampleId :
EO-1-111722

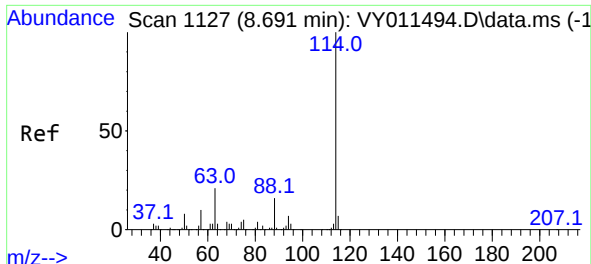
Tgt Ion:168 Resp: 192002
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 66.114 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011519.D
Acq: 21 Nov 2022 13:18

Tgt Ion: 65 Resp: 128894
Ion Ratio Lower Upper
65 100
67 52.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011519.D

Acq: 21 Nov 2022 13:18

Instrument :

MSVOA_Y

ClientSampleId :

EO-1-111722

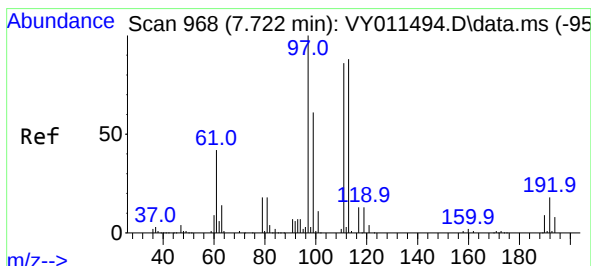
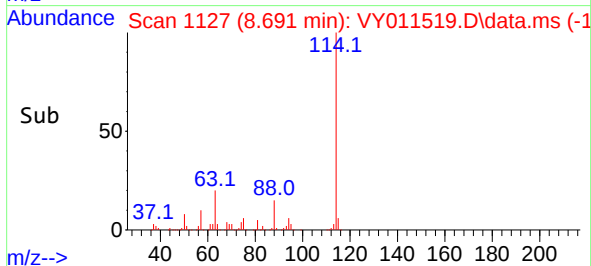
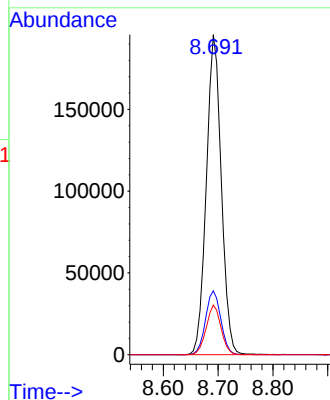
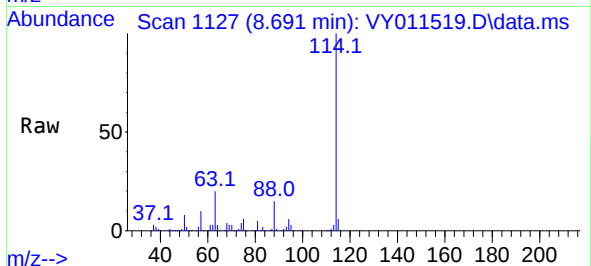
Tgt Ion:114 Resp: 369788

Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 15.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.581 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY011519.D

Acq: 21 Nov 2022 13:18

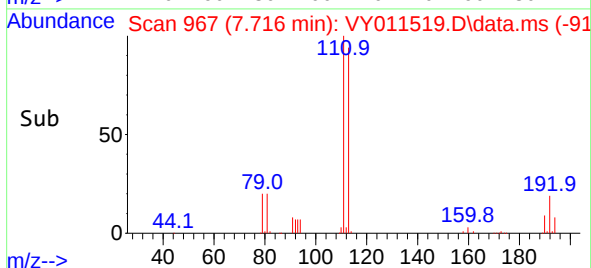
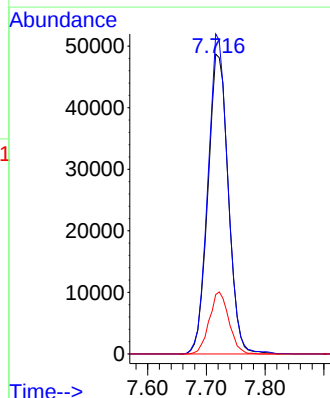
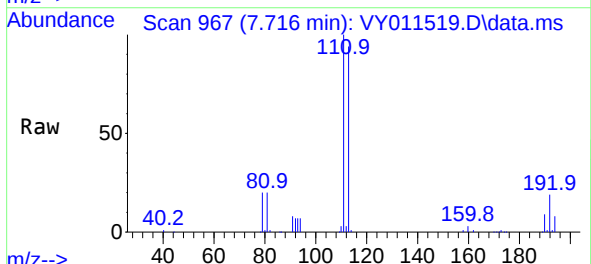
Tgt Ion:113 Resp: 117419

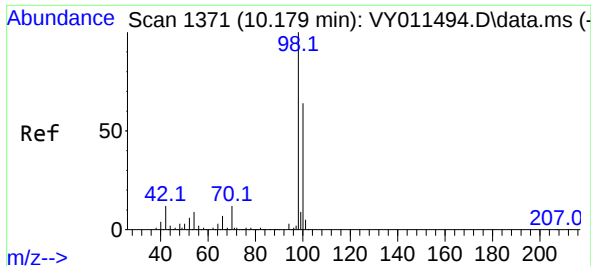
Ion Ratio Lower Upper

113 100

111 103.8 82.6 124.0

192 19.8 17.6 26.4

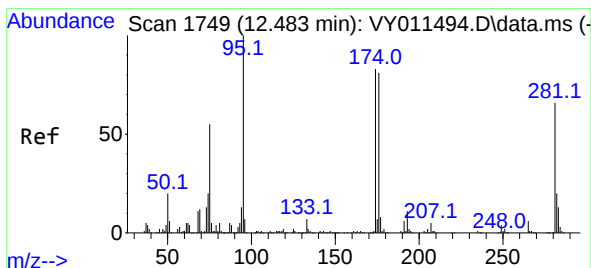
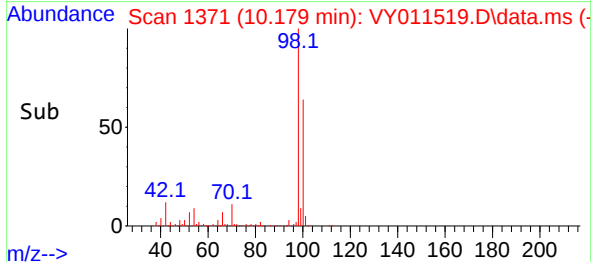
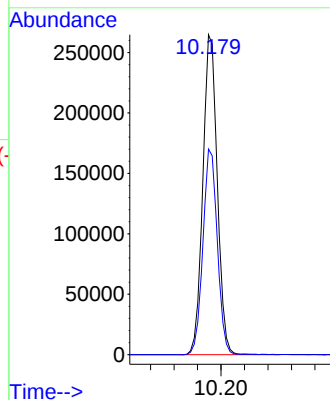
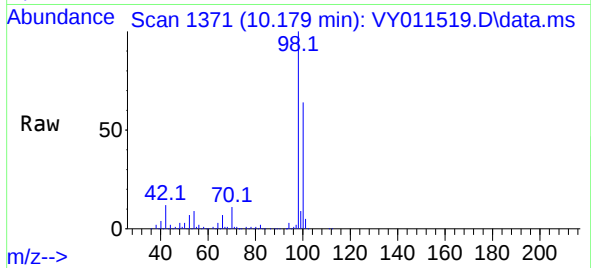




#50
Toluene-d8
Concen: 54.553 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011519.D
Acq: 21 Nov 2022 13:18

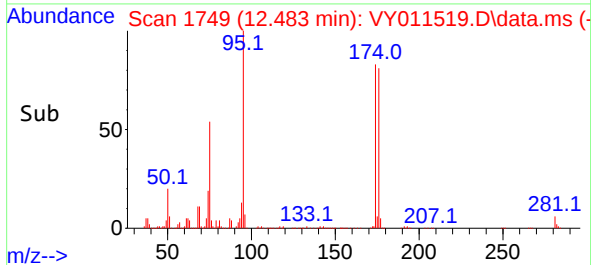
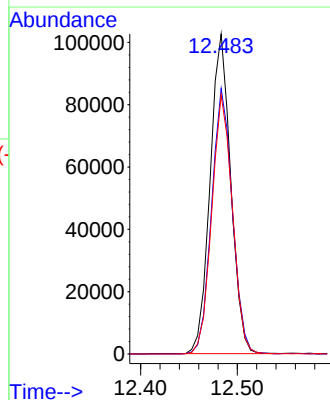
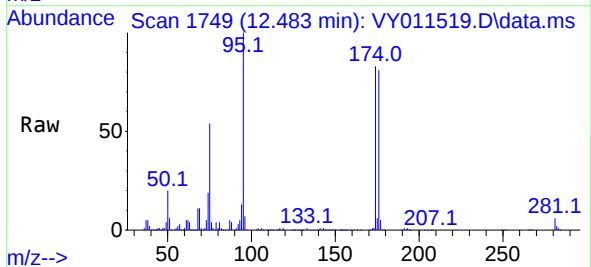
Instrument :
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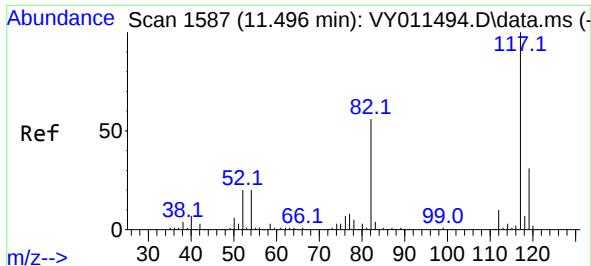
Tgt Ion: 98 Resp: 451275
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.593 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011519.D
Acq: 21 Nov 2022 13:18

Tgt Ion: 95 Resp: 151678
Ion Ratio Lower Upper
95 100
174 83.5 0.0 177.0
176 81.1 0.0 175.8

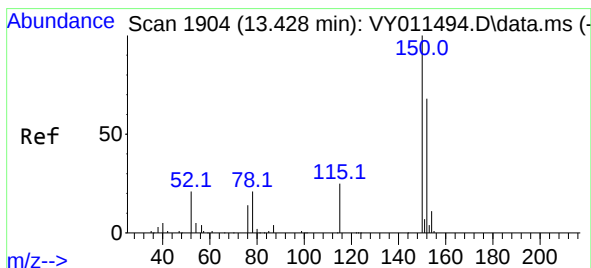
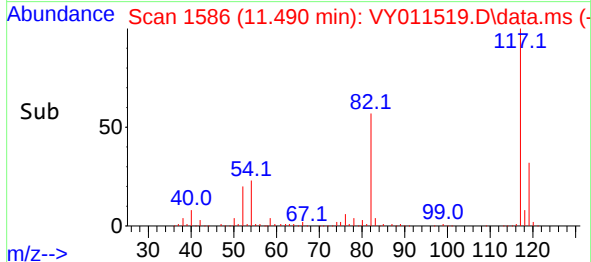
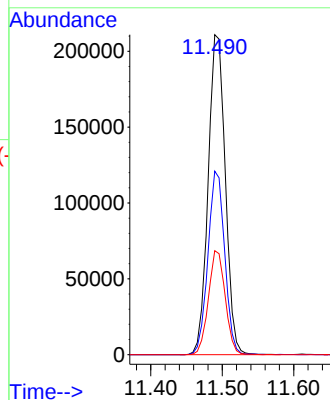
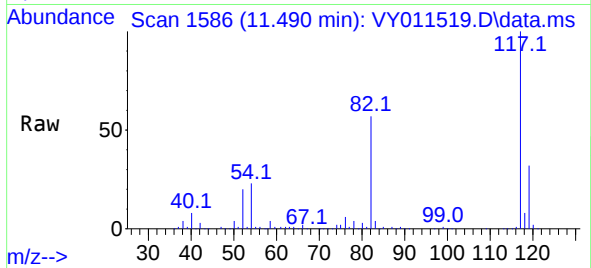




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011519.D
Acq: 21 Nov 2022 13:18

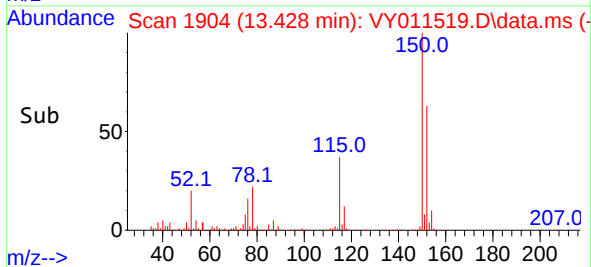
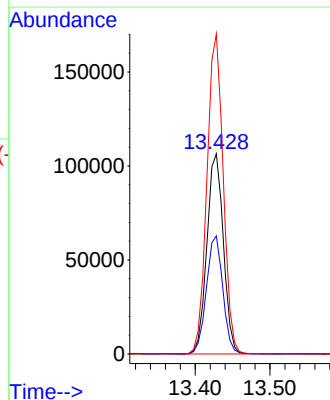
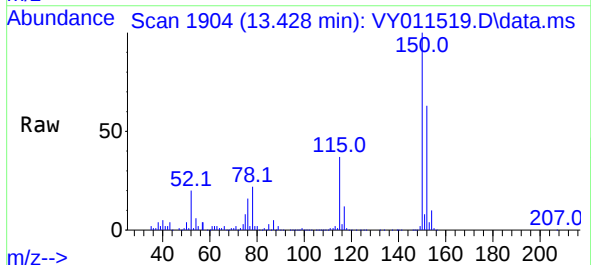
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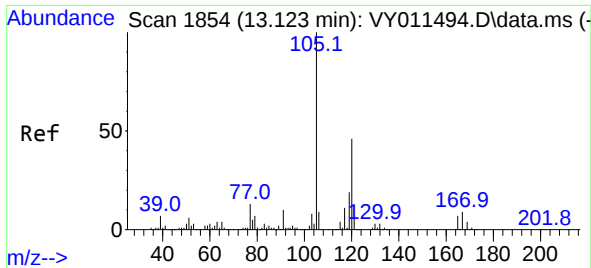
Tgt Ion:117 Resp: 351698
Ion Ratio Lower Upper
117 100
82 57.4 43.0 64.4
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011519.D
Acq: 21 Nov 2022 13:18

Tgt Ion:152 Resp: 163581
Ion Ratio Lower Upper
152 100
115 58.9 28.2 84.7
150 157.2 0.0 347.6





#84
1,2,4-Trimethylbenzene
Concen: 2.246 ug/l
RT: 13.123 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011519.D
Acq: 21 Nov 2022 13:18

Instrument :
MSVOA_Y
ClientSampleId :
EO-1-111722

Tgt Ion:105 Resp: 22120
Ion Ratio Lower Upper
105 100
120 47.2 22.3 66.9

