

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120522\
 Data File : VY011706.D
 Acq On : 05 Dec 2022 19:00
 Operator : KP/MD
 Sample : N5884-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-3-120522

Quant Time: Dec 06 00:38:09 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)

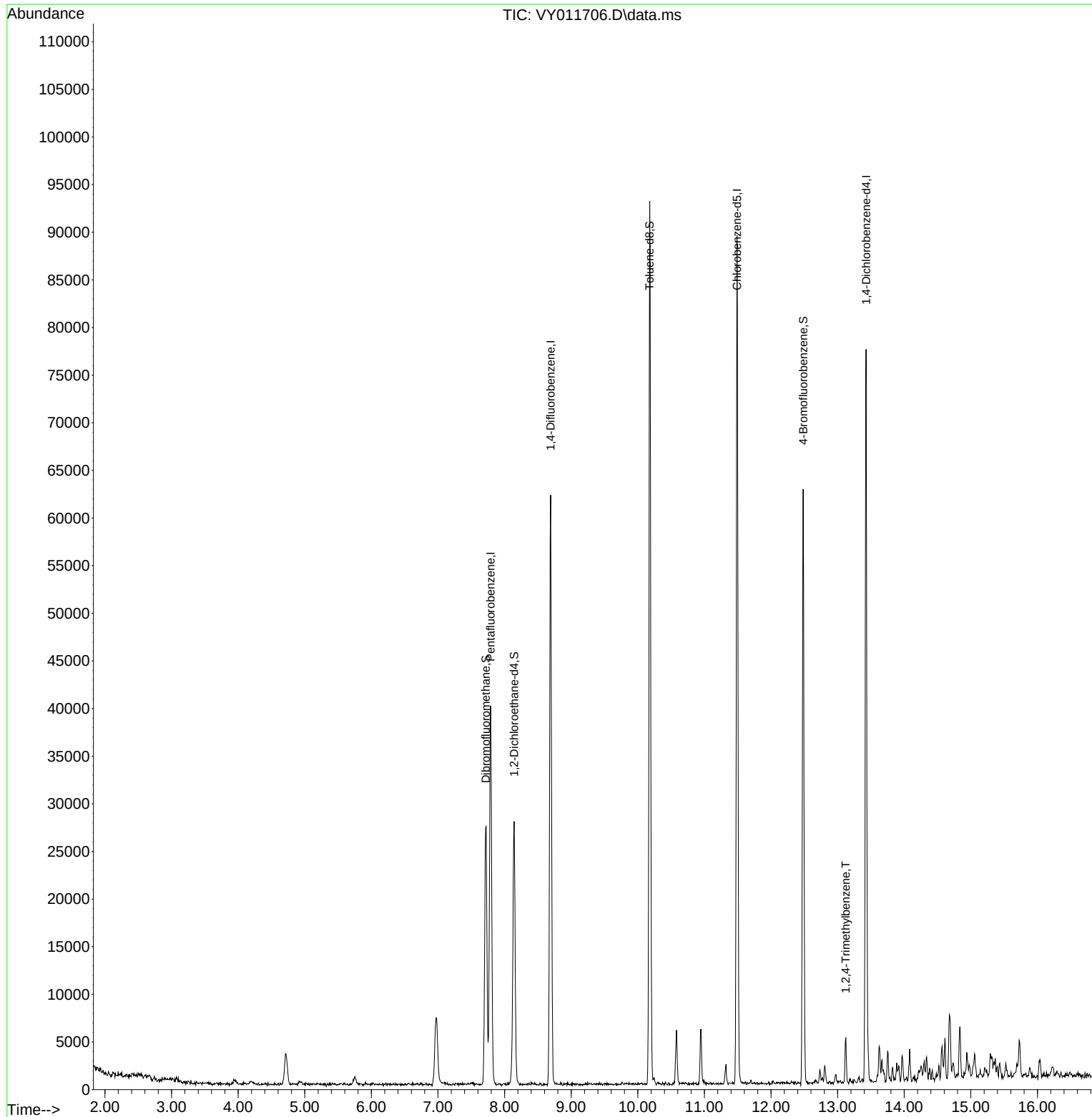
Internal Standards						
1) Pentafluorobenzene	7.789	168	31156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	51818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	49754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	20055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	21877	69.153	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.300%
35) Dibromofluoromethane	7.716	113	19637	61.560	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	123.120%
50) Toluene-d8	10.179	98	63117	54.450	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.900%
62) 4-Bromofluorobenzene	12.483	95	18355	42.827	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.660%
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.123	105	2851	2.361	ug/l	Qvalue 98

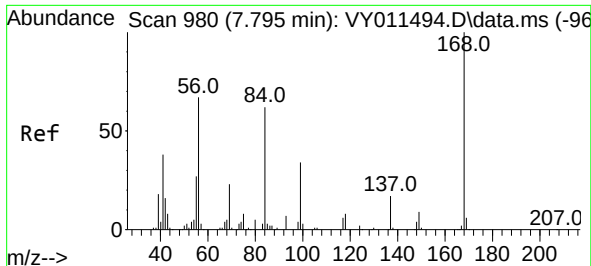
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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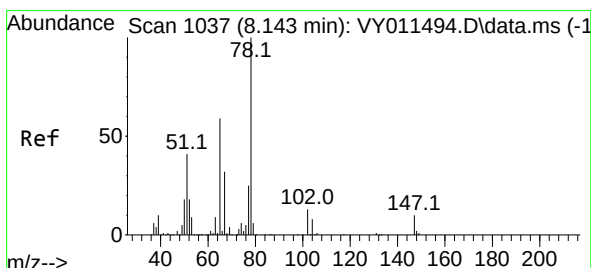
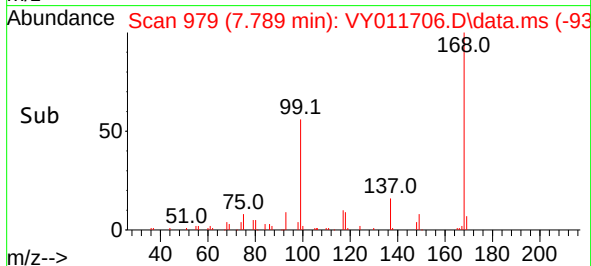
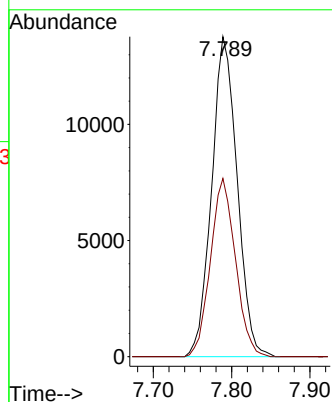
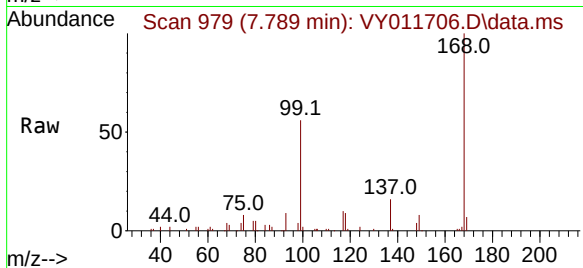




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011706.D
Acq: 05 Dec 2022 19:00

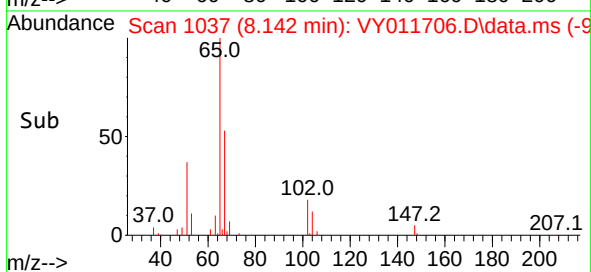
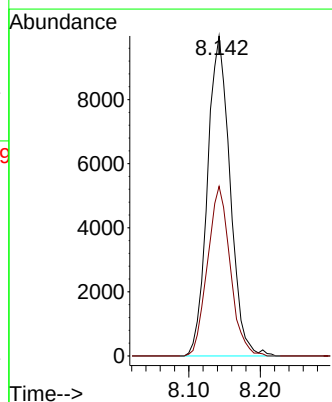
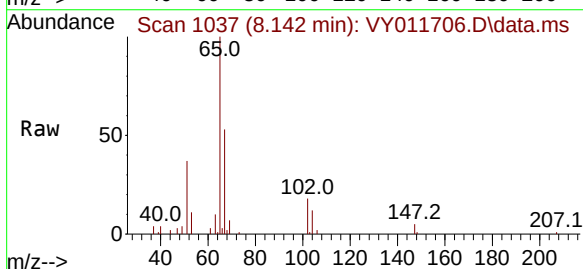
Instrument :
MSVOA_Y
ClientSampleId :
EO-3-120522

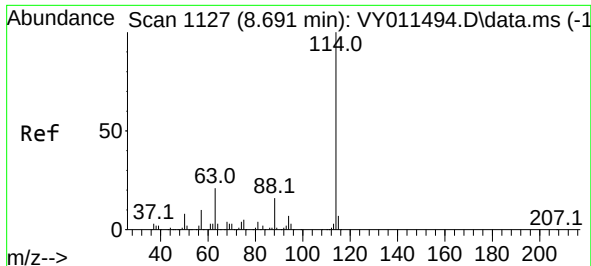
Tgt Ion:168 Resp: 31156
Ion Ratio Lower Upper
168 100
99 55.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 69.153 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011706.D
Acq: 05 Dec 2022 19:00

Tgt Ion: 65 Resp: 21877
Ion Ratio Lower Upper
65 100
67 53.3 0.0 99.4

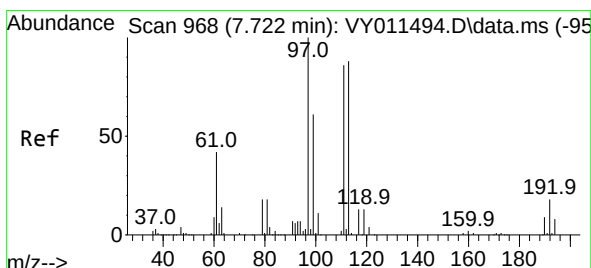
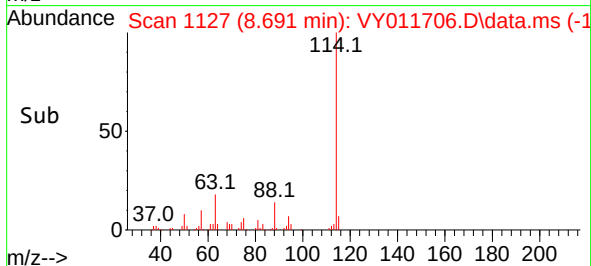
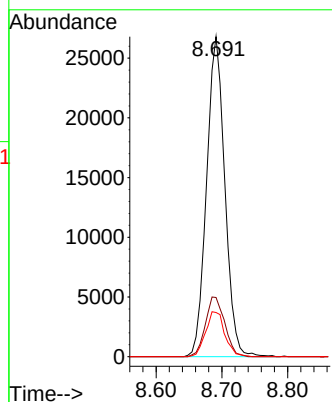
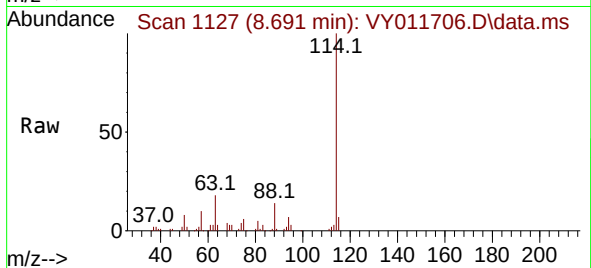




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY011706.D
 Acq: 05 Dec 2022 19:00

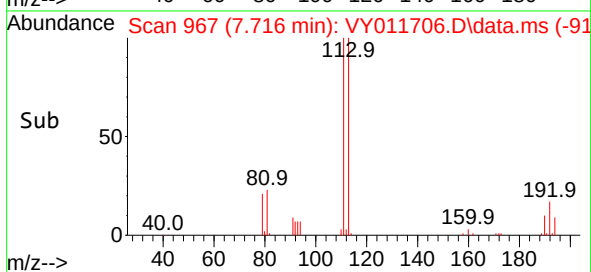
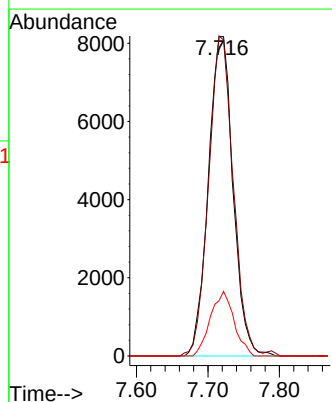
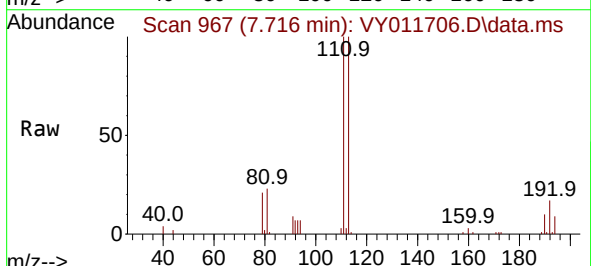
Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-3-120522

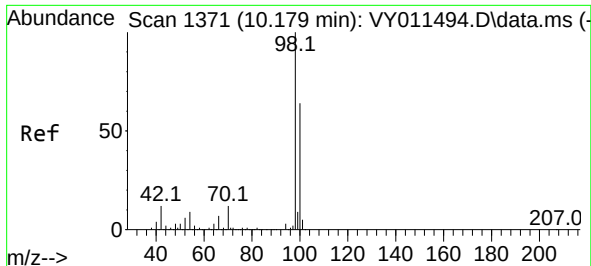
Tgt Ion:	114	Resp:	51818
Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	43.2
88	13.8	0.0	31.8



#35
 Dibromofluoromethane
 Concen: 61.560 ug/l
 RT: 7.716 min Scan# 967
 Delta R.T. -0.006 min
 Lab File: VY011706.D
 Acq: 05 Dec 2022 19:00

Tgt Ion:	113	Resp:	19637
Ion	Ratio	Lower	Upper
113	100		
111	99.5	82.6	124.0
192	19.3	17.6	26.4

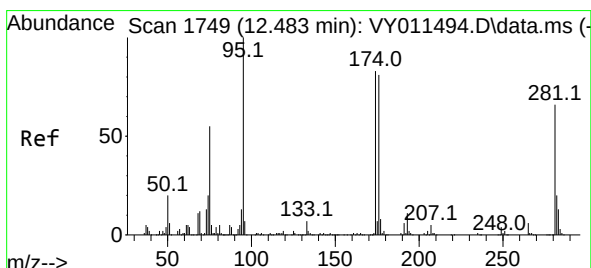
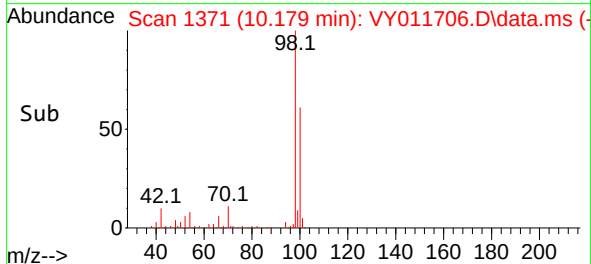
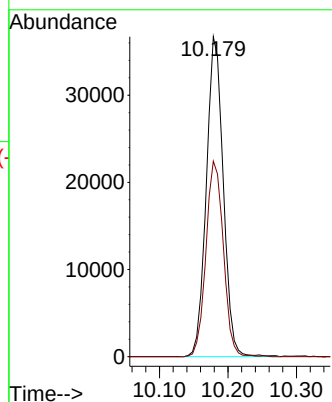
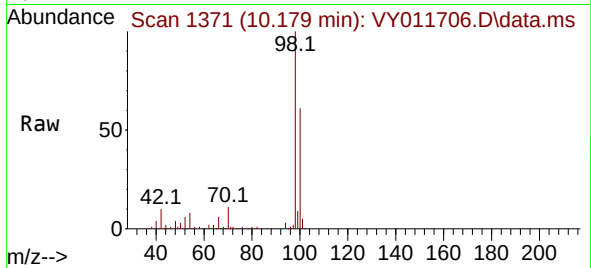




#50
Toluene-d8
Concen: 54.450 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011706.D
Acq: 05 Dec 2022 19:00

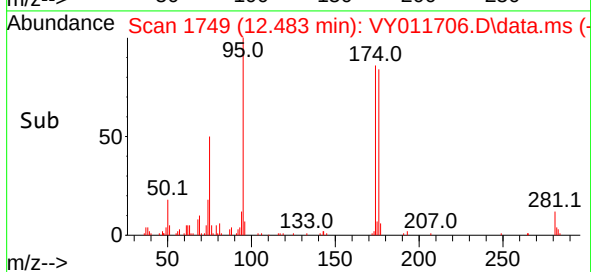
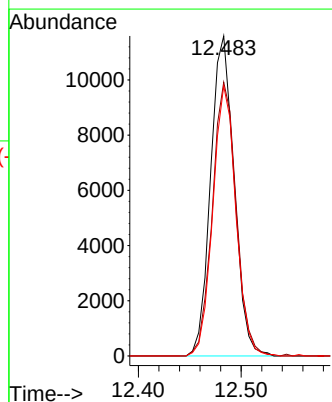
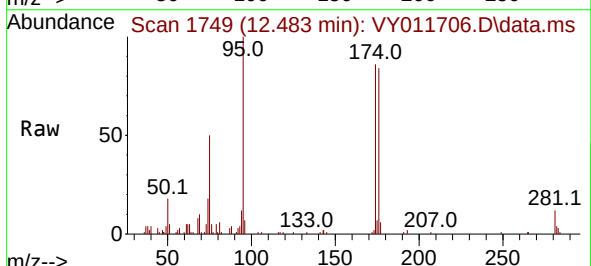
Instrument :
MSVOA_Y
ClientSampleId :
EO-3-120522

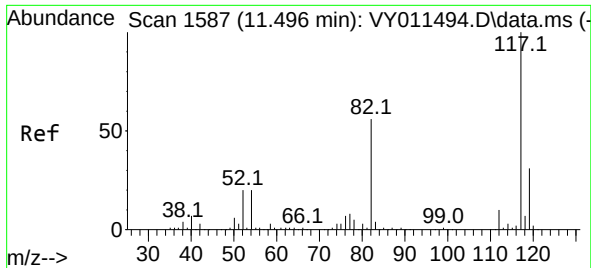
Tgt Ion: 98 Resp: 63117
Ion Ratio Lower Upper
98 100
100 62.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.827 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011706.D
Acq: 05 Dec 2022 19:00

Tgt Ion: 95 Resp: 18355
Ion Ratio Lower Upper
95 100
174 87.2 0.0 177.0
176 83.1 0.0 175.8

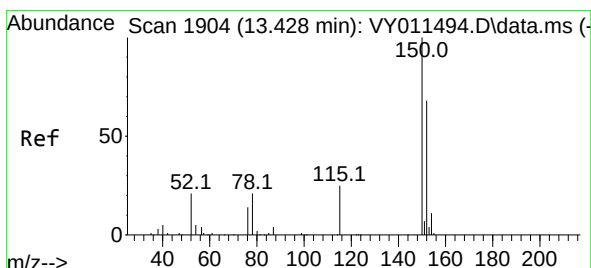
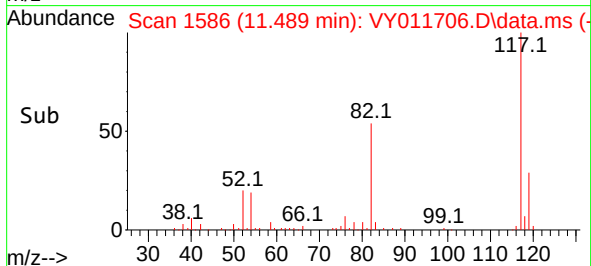
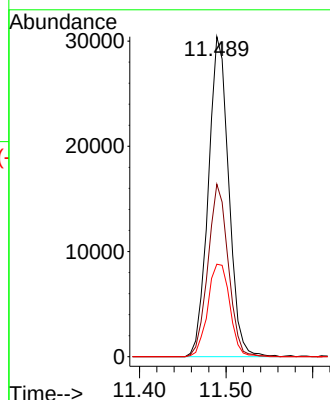
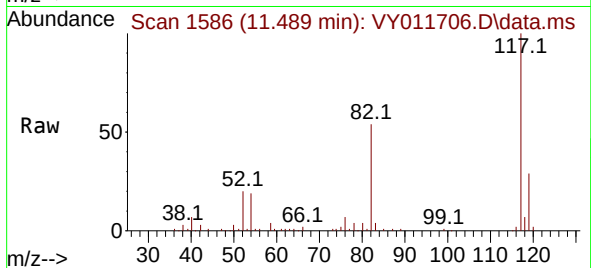




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.007 min
Lab File: VY011706.D
Acq: 05 Dec 2022 19:00

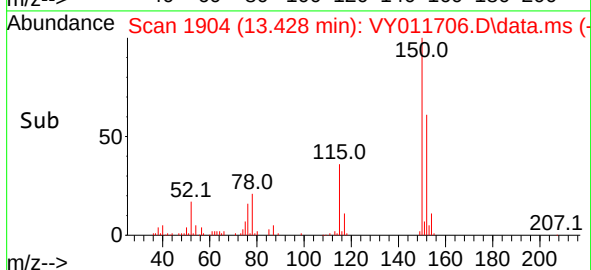
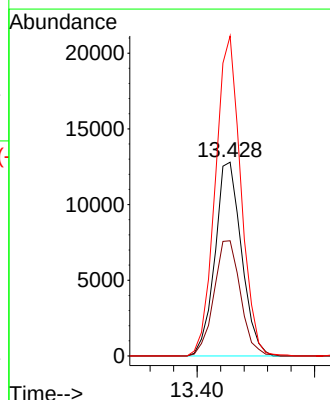
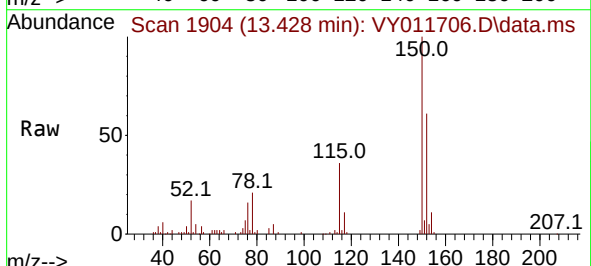
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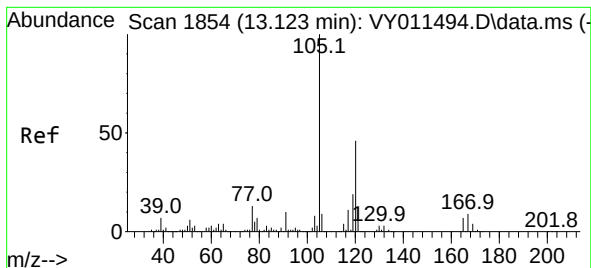
Tgt Ion:117	Resp:	49754
Ion	Ratio	Lower Upper
117	100	
82	53.9	43.0 64.4
119	28.9	25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011706.D
Acq: 05 Dec 2022 19:00

Tgt Ion:152	Resp:	20055
Ion	Ratio	Lower Upper
152	100	
115	59.5	28.2 84.7
150	158.7	0.0 347.6





#84

1,2,4-Trimethylbenzene

Concen: 2.361 ug/l

RT: 13.123 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY011706.D

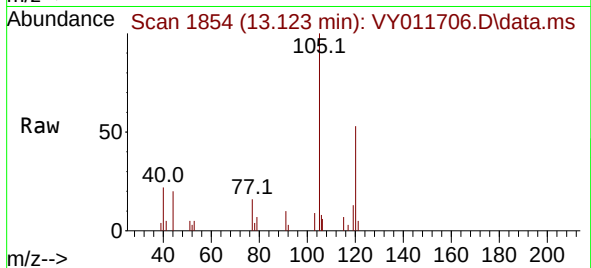
Acq: 05 Dec 2022 19:00

Instrument :

MSVOA_Y

ClientSampleId :

EO-3-120522



Tgt Ion:105 Resp: 2851

Ion Ratio Lower Upper

105 100

120 46.2 22.3 66.9

