

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011428.D
 Acq On : 11 Nov 2022 18:49
 Operator : KP/MD
 Sample : N5580-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-02-111022

Quant Time: Nov 14 05:54:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

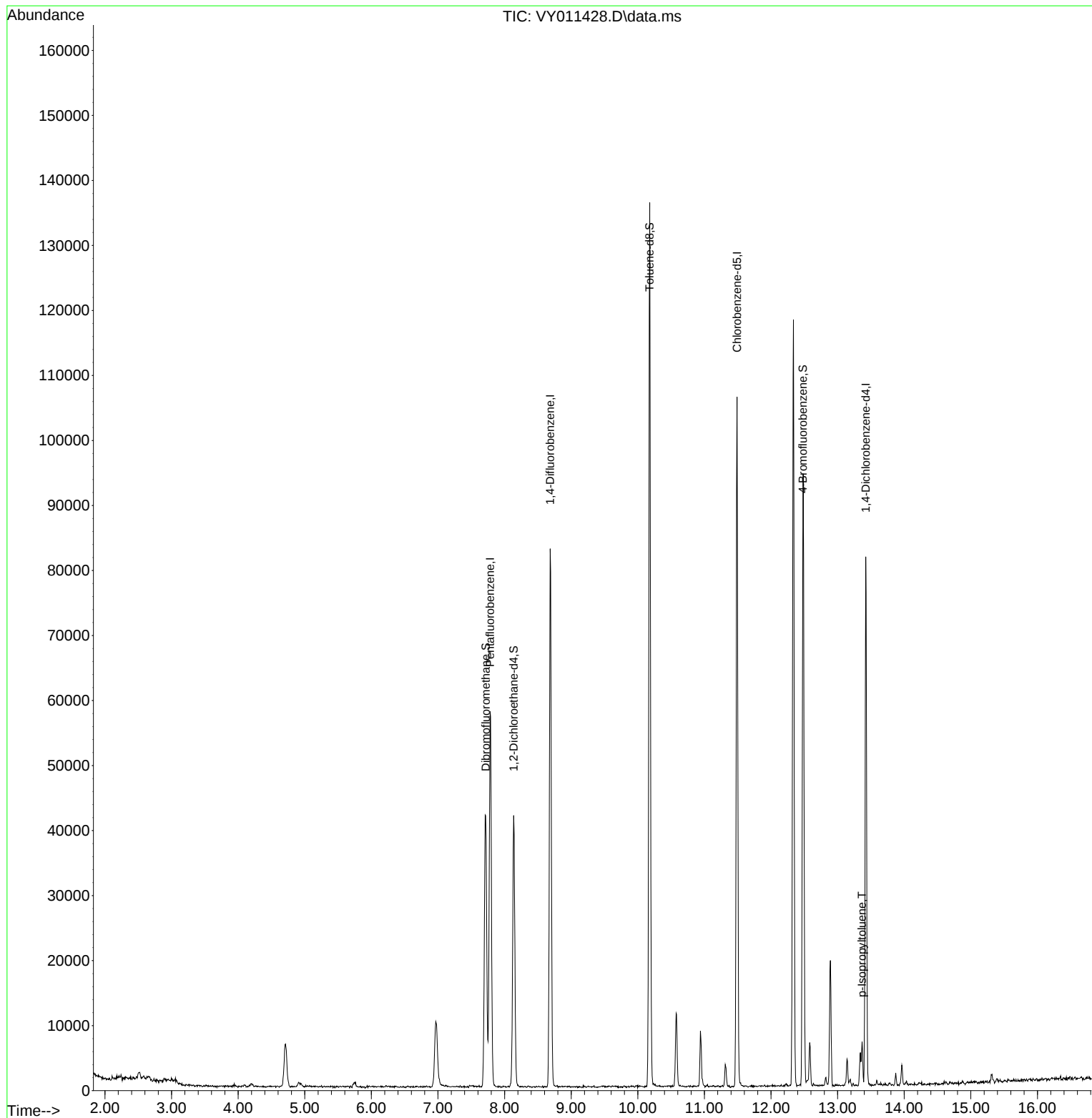
Internal Standards						
1) Pentafluorobenzene	7.783	168	47542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	75742	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	62327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	22781	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	32348	81.197	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 162.400%	
35) Dibromofluoromethane	7.716	113	31795	74.904	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 149.800%#	
50) Toluene-d8	10.179	98	92657	57.138	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 114.280%	
62) 4-Bromofluorobenzene	12.477	95	26281	46.465	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.920%	
Target Compounds						
86) p-Isopropyltoluene	13.367	119	4054	2.861	ug/l	Qvalue 94

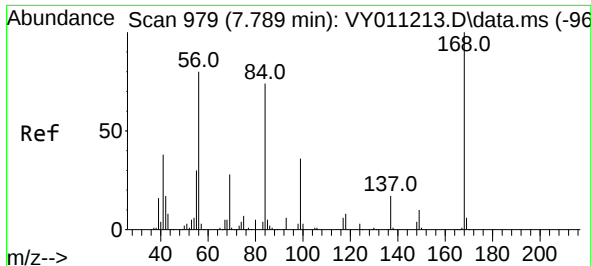
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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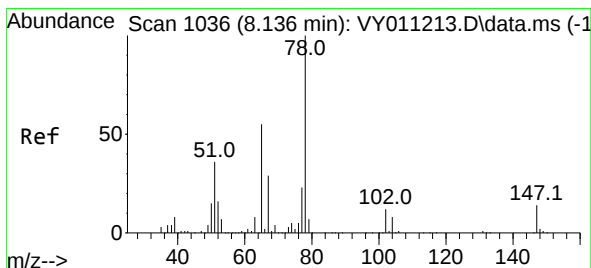
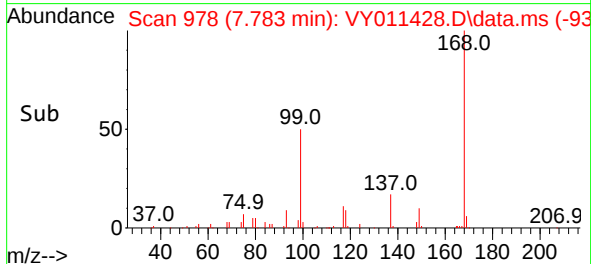
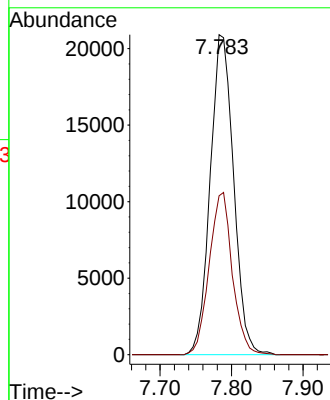
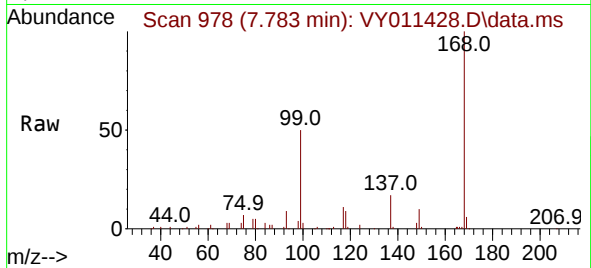




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011428.D
Acq: 11 Nov 2022 18:49

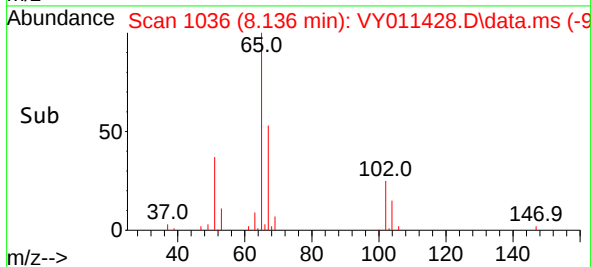
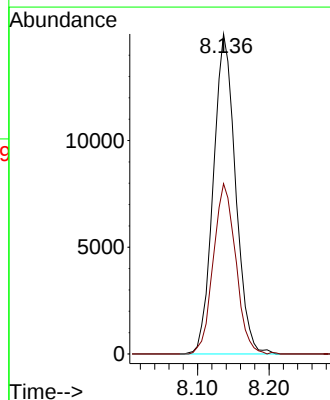
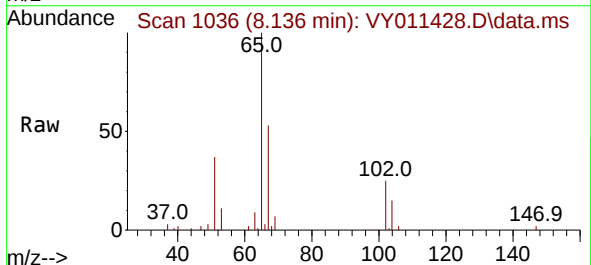
Instrument :
MSVOA_Y
ClientSampleId :
SU-02-111022

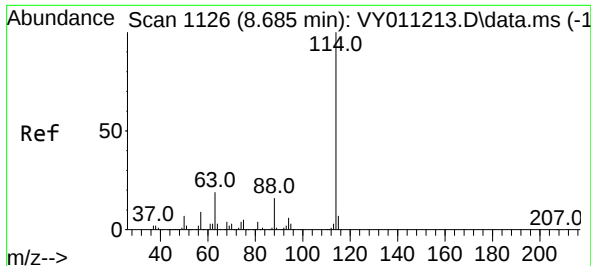
Tgt Ion:168 Resp: 47542
Ion Ratio Lower Upper
168 100
99 49.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 81.197 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011428.D
Acq: 11 Nov 2022 18:49

Tgt Ion: 65 Resp: 32348
Ion Ratio Lower Upper
65 100
67 53.6 0.0 99.4

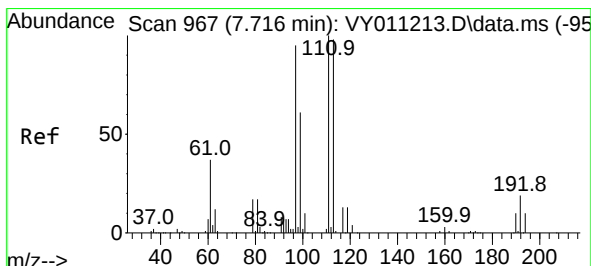
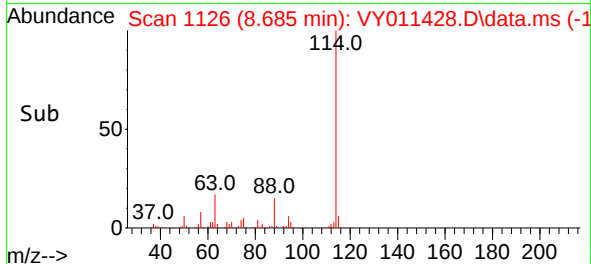
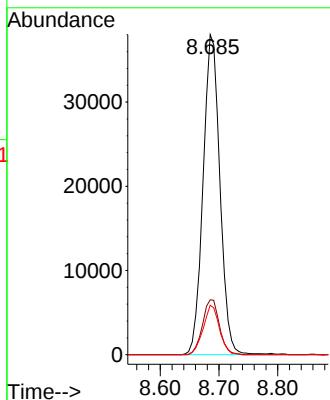
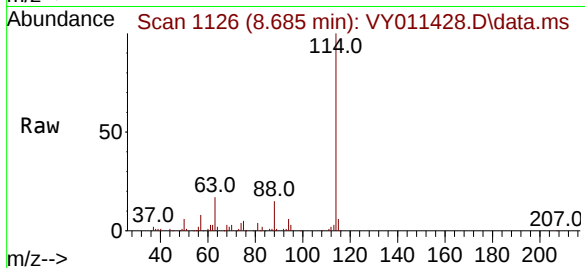




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY011428.D
Acq: 11 Nov 2022 18:49

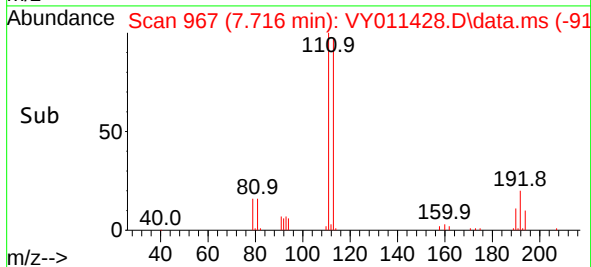
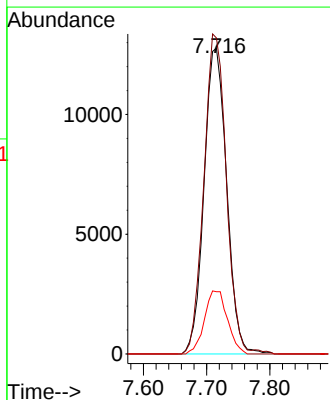
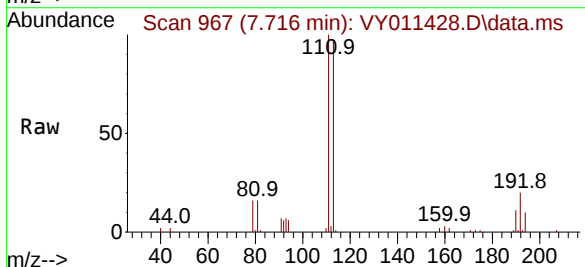
Instrument :
MSVOA_Y
ClientSampleId :
SU-02-111022

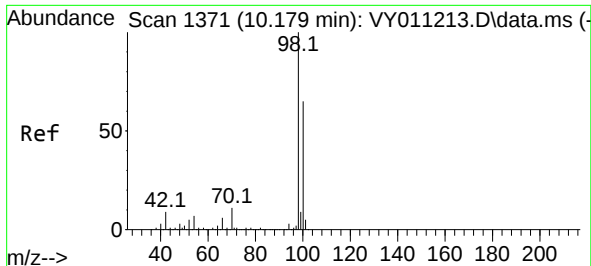
Tgt Ion:	114	Resp:	75742
Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	43.2
88	15.5	0.0	31.8



#35
Dibromofluoromethane
Concen: 74.904 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011428.D
Acq: 11 Nov 2022 18:49

Tgt Ion:	113	Resp:	31795
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.6	124.0
192	20.9	17.6	26.4

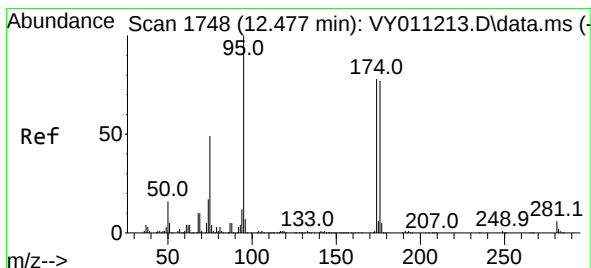
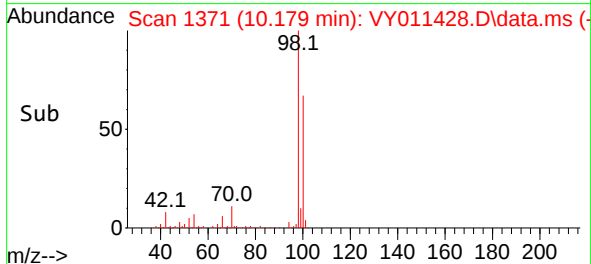
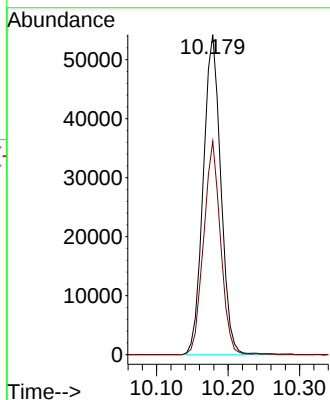
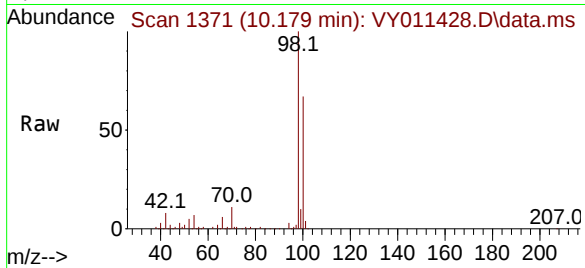




#50
Toluene-d8
Concen: 57.138 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011428.D
Acq: 11 Nov 2022 18:49

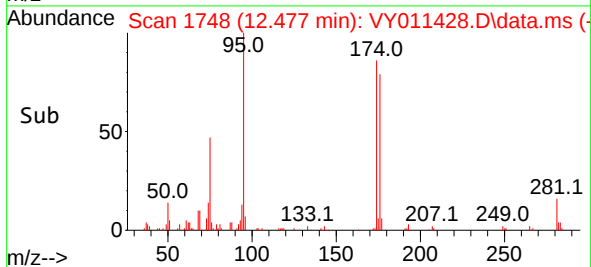
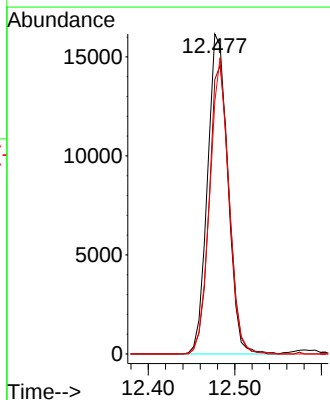
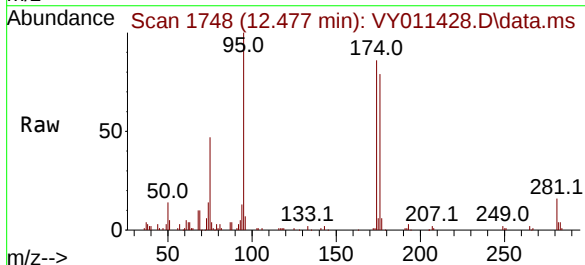
Instrument :
MSVOA_Y
ClientSampleId :
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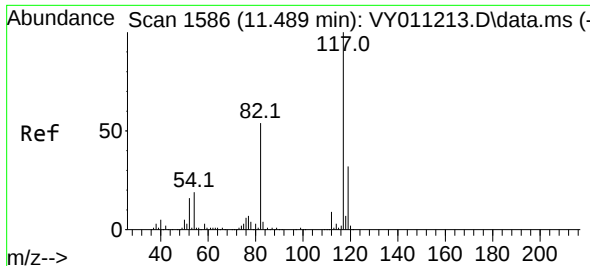
Tgt Ion: 98 Resp: 92657
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.465 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011428.D
Acq: 11 Nov 2022 18:49

Tgt Ion: 95 Resp: 26281
Ion Ratio Lower Upper
95 100
174 88.9 0.0 177.0
176 87.3 0.0 175.8

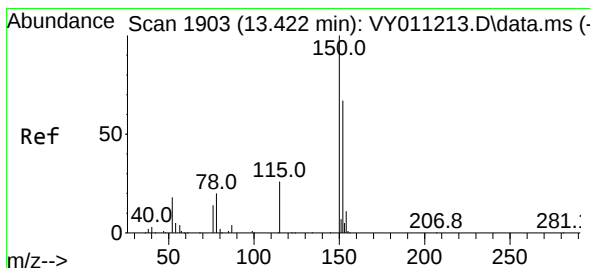
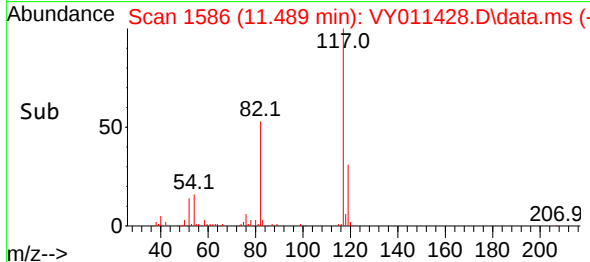
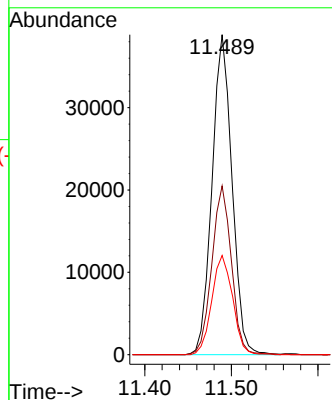
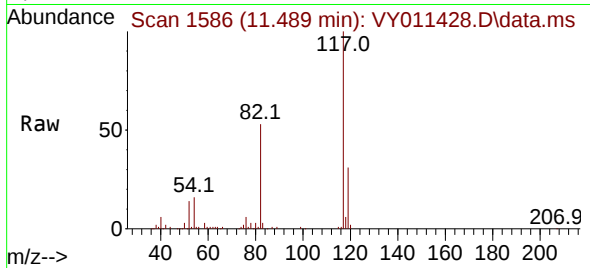




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011428.D
Acq: 11 Nov 2022 18:49

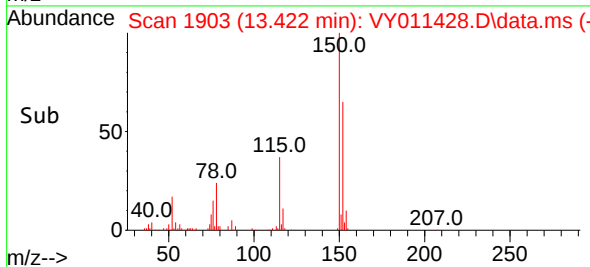
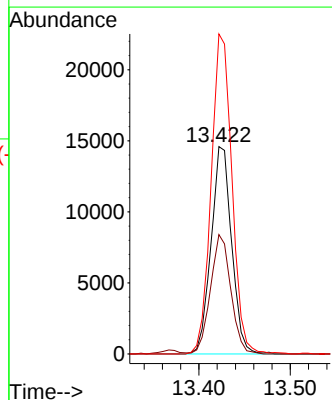
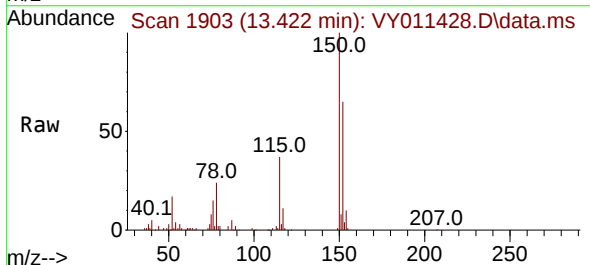
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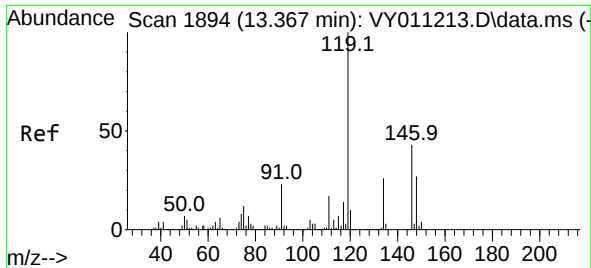
Tgt Ion:117 Resp: 62327
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 31.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY011428.D
Acq: 11 Nov 2022 18:49

Tgt Ion:152 Resp: 22781
Ion Ratio Lower Upper
152 100
115 56.8 28.2 84.7
150 155.9 0.0 347.6





#86

p-Isopropyltoluene

Concen: 2.861 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011428.D

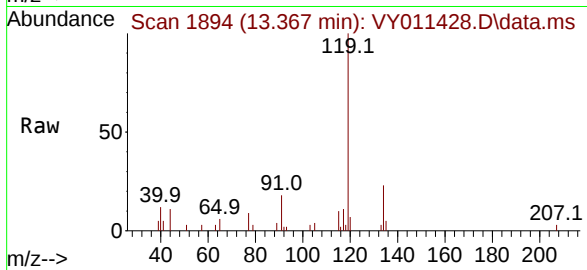
Acq: 11 Nov 2022 18:49

Instrument :

MSVOA_Y

ClientSampleId :

SU-02-111022



Tgt Ion:	119	Resp:	4054
Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.2	39.5
91	30.8	12.4	37.2

