

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
 Data File : VY009666.D
 Acq On : 22 Jul 2022 17:46
 Operator : KP/MD
 Sample : N3837-03
 Misc : 3.69g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PX-3

Quant Time: Jul 23 00:55:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

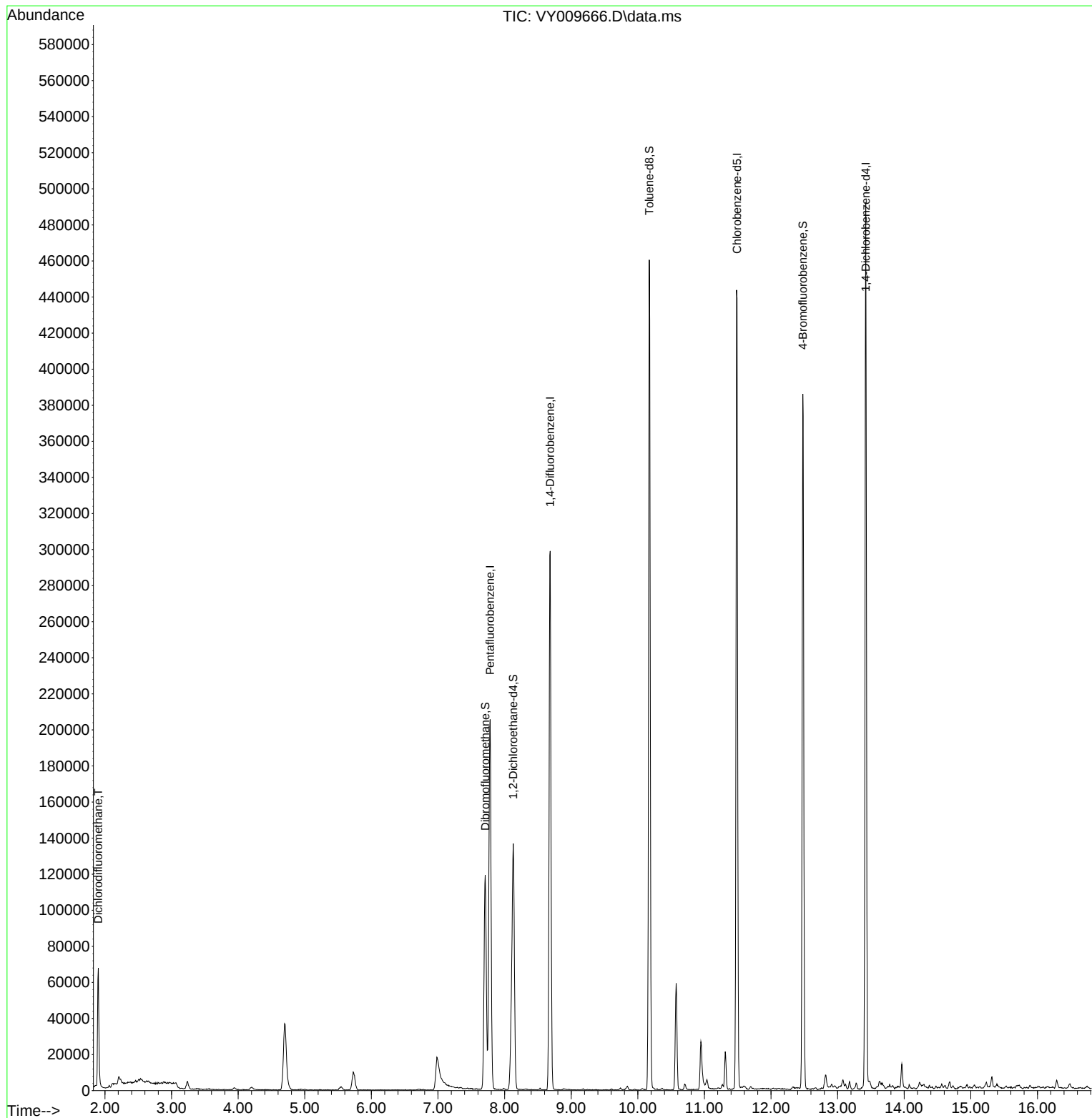
Internal Standards						
1) Pentafluorobenzene	7.783	168	172563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	269185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	258100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	128895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	88482	54.216	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.440%	
35) Dibromofluoromethane	7.710	113	84016	49.542	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.080%	
50) Toluene-d8	10.173	98	306554	47.022	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 94.040%	
62) 4-Bromofluorobenzene	12.477	95	104506	49.471	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 98.940%	
Target Compounds						
2) Dichlorodifluoromethane	1.900	85	51314	33.889	ug/l	Qvalue 97

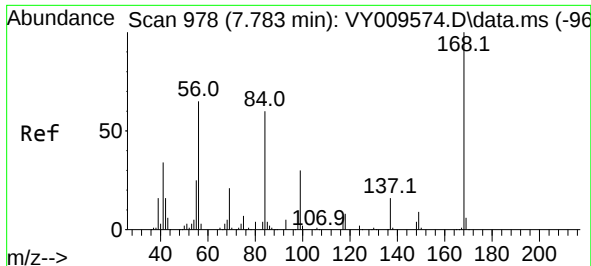
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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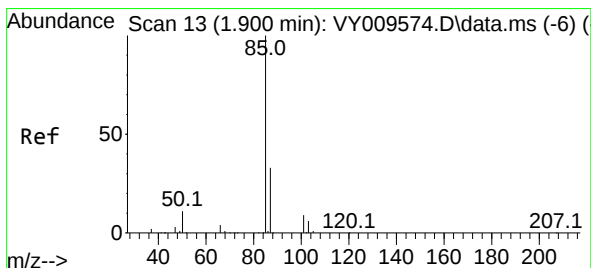
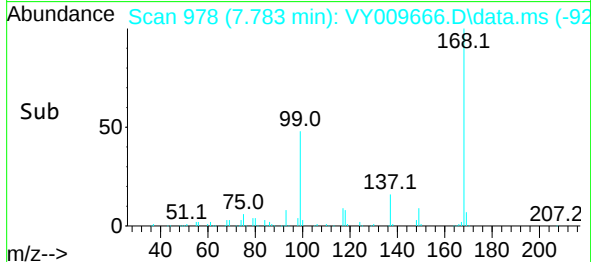
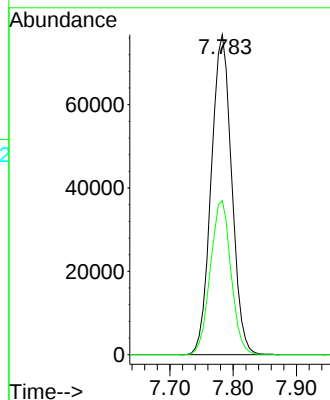
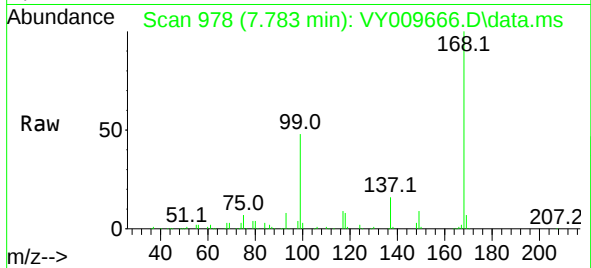




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009666.D
Acq: 22 Jul 2022 17:46

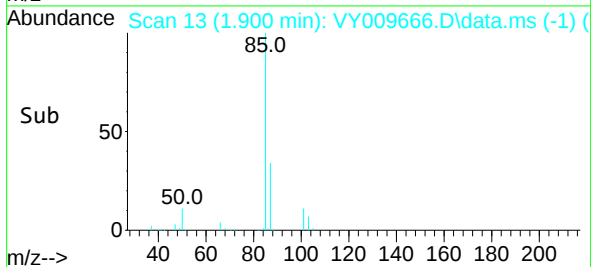
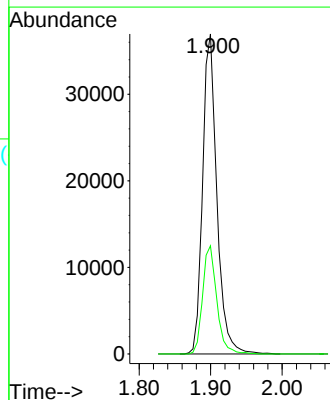
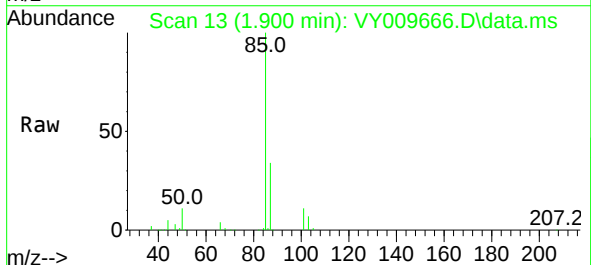
Instrument :
MSVOA_Y
ClientSampleId :
PX-3

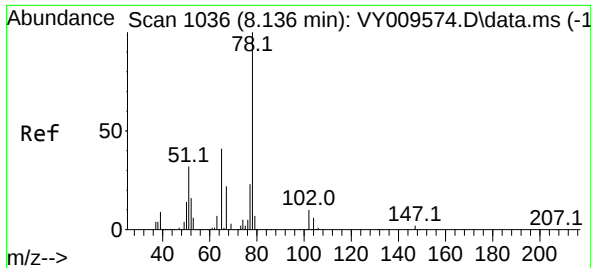
Tgt Ion:168 Resp: 172563
Ion Ratio Lower Upper
168 100
99 48.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 33.889 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009666.D
Acq: 22 Jul 2022 17:46

Tgt Ion: 85 Resp: 51314
Ion Ratio Lower Upper
85 100
87 33.8 16.1 48.2

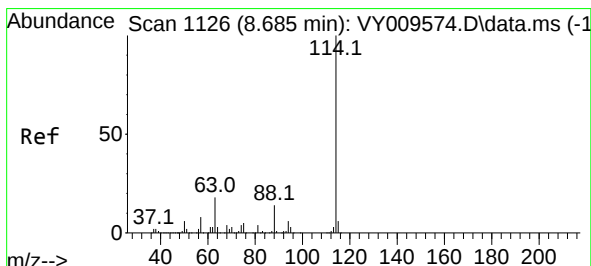
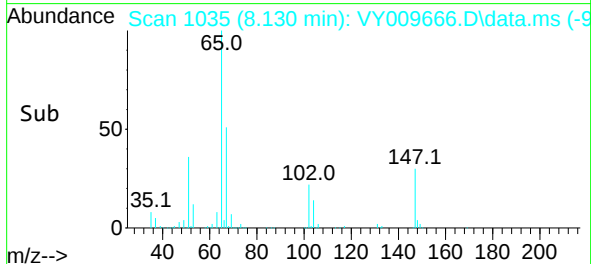
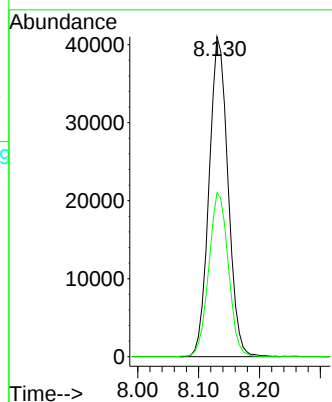
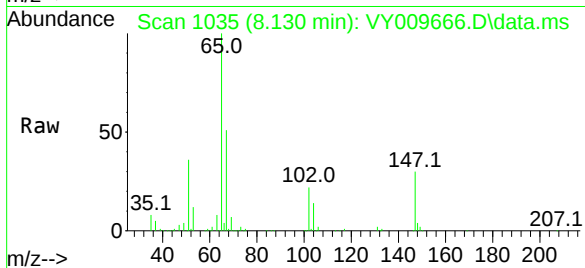




#33
 1,2-Dichloroethane-d4
 Concen: 54.216 ug/l
 RT: 8.130 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY009666.D
 Acq: 22 Jul 2022 17:46

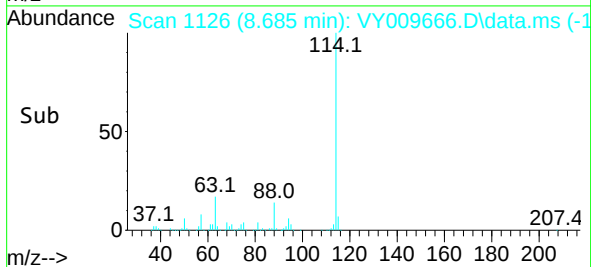
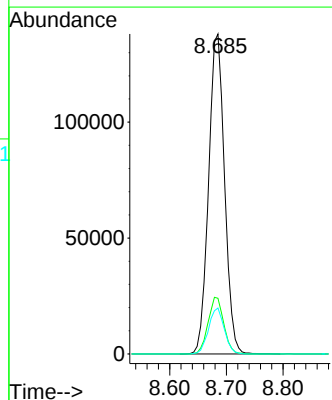
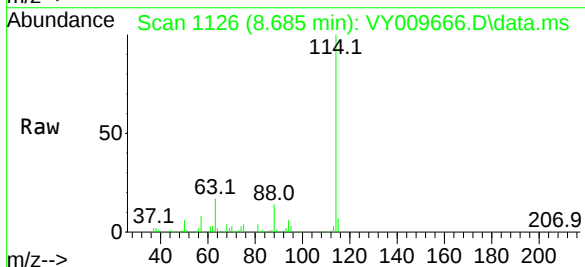
Instrument :
 MSVOA_Y
 ClientSampleId :
 PX-3

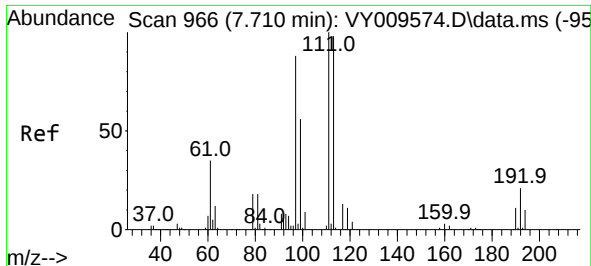
Tgt Ion: 65 Resp: 88482
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY009666.D
 Acq: 22 Jul 2022 17:46

Tgt Ion: 114 Resp: 269185
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 43.2
 88 14.4 0.0 31.8

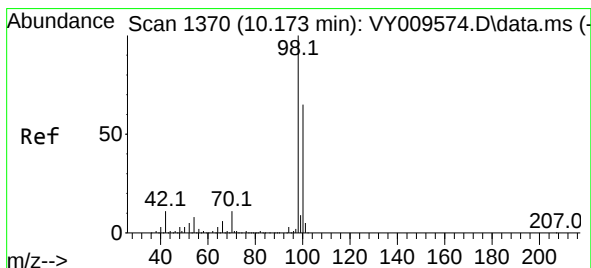
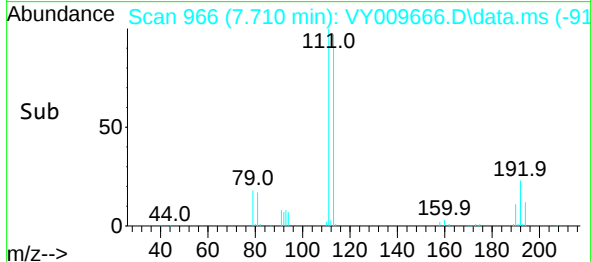
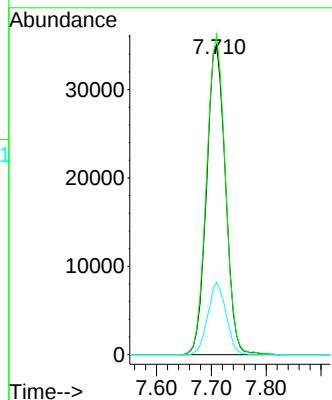
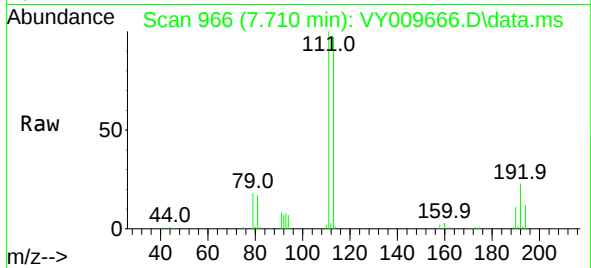




#35
Dibromofluoromethane
Concen: 49.542 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY009666.D
Acq: 22 Jul 2022 17:46

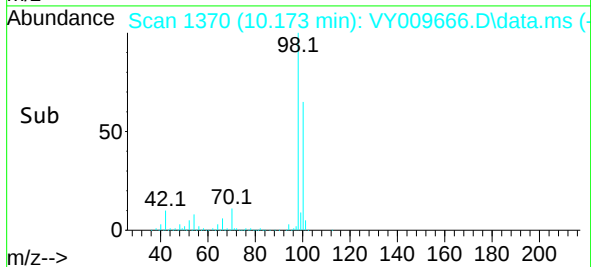
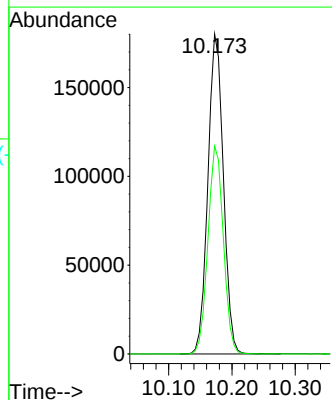
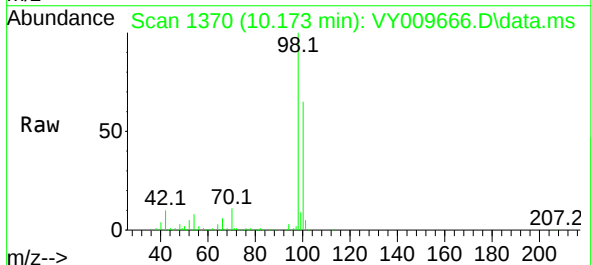
Instrument :
MSVOA_Y
ClientSampleId :
PX-3

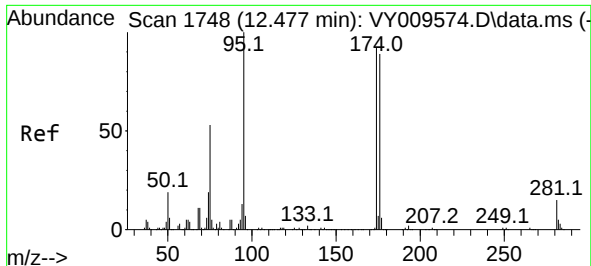
Tgt Ion:113 Resp: 84016
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 22.5 17.6 26.4



#50
Toluene-d8
Concen: 47.022 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009666.D
Acq: 22 Jul 2022 17:46

Tgt Ion: 98 Resp: 306554
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2

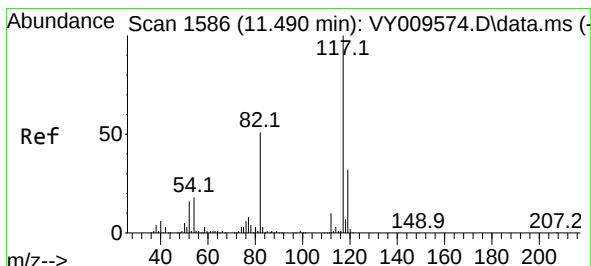
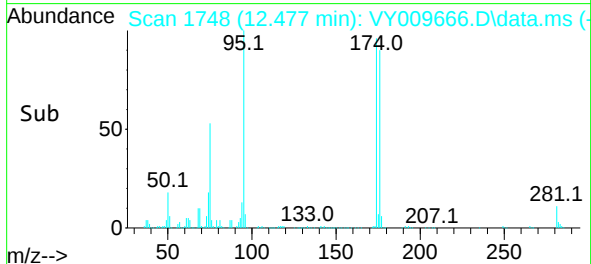
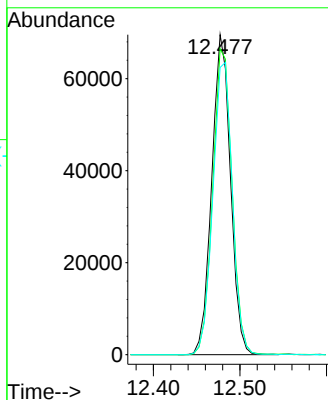
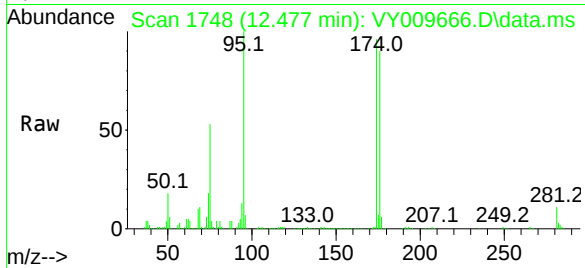




#62
4-Bromofluorobenzene
Concen: 49.471 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009666.D
Acq: 22 Jul 2022 17:46

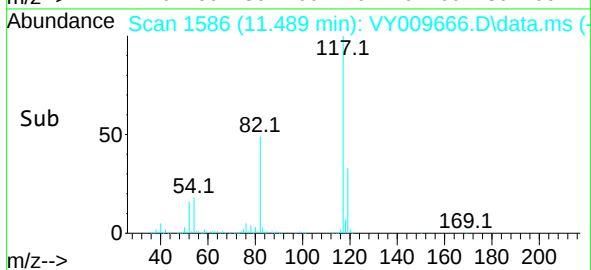
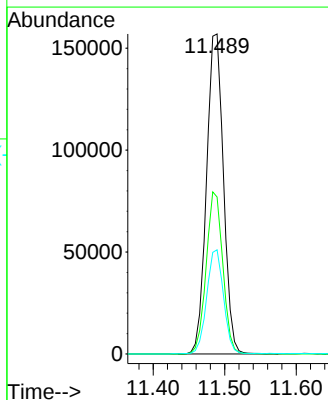
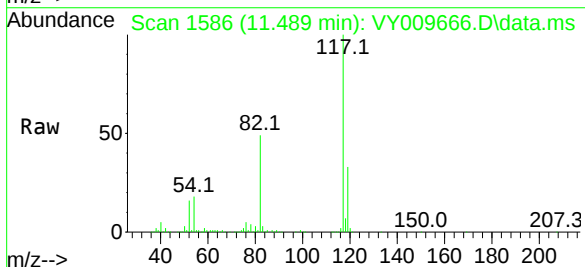
Instrument :
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PX-3

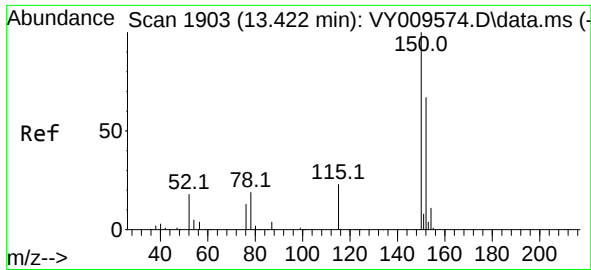
Tgt Ion: 95 Resp: 104506
Ion Ratio Lower Upper
95 100
174 98.2 0.0 177.0
176 95.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009666.D
Acq: 22 Jul 2022 17:46

Tgt Ion: 117 Resp: 258100
Ion Ratio Lower Upper
117 100
82 49.1 43.0 64.4
119 32.5 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: VY009666.D
 Acq: 22 Jul 2022 17:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 PX-3

Tgt Ion:152 Resp: 128895

Ion	Ratio	Lower	Upper
152	100		
115	54.4	28.2	84.7
150	157.8	0.0	347.6

