

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009916.D
 Acq On : 09 Aug 2022 13:47
 Operator : KP/MD
 Sample : N4084-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RECOVERED-CRUSHED-AGGREGATE-PILE-A

Quant Time: Aug 09 23:05:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

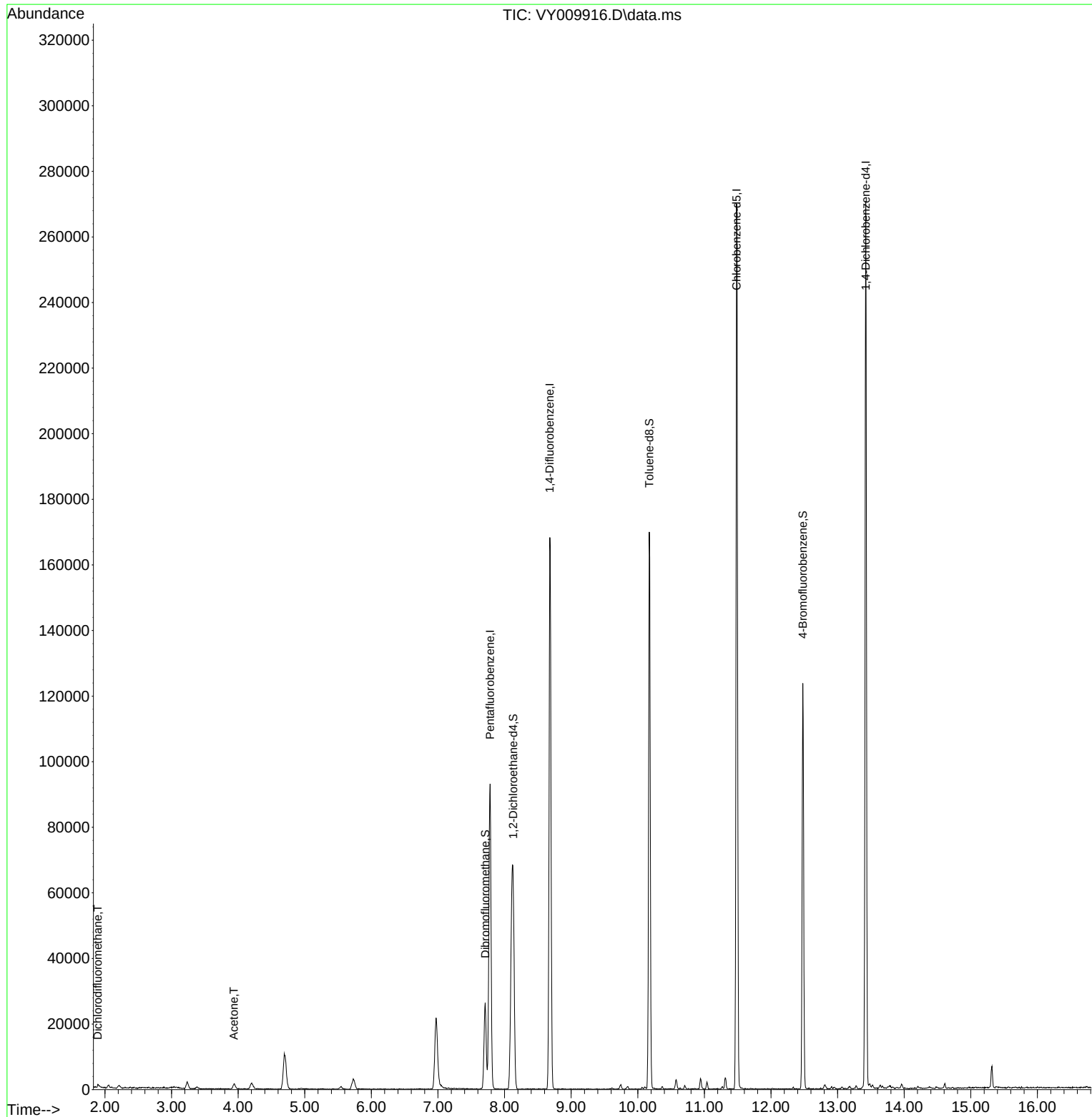
Internal Standards						
1) Pentafluorobenzene	7.783	168	71983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	143587	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	141133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	65732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	30837	55.335	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.680%
35) Dibromofluoromethane	7.710	113	18217	23.371	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	46.740%#
50) Toluene-d8	10.173	98	107668	44.917	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.840%
62) 4-Bromofluorobenzene	12.477	95	35915	33.000	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	66.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.894	85	742	1.208	ug/l	100
16) Acetone	3.936	43	2802	13.799	ug/l	92

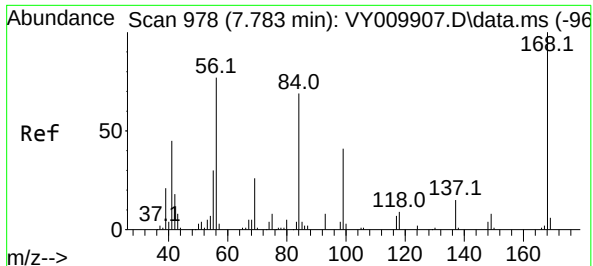
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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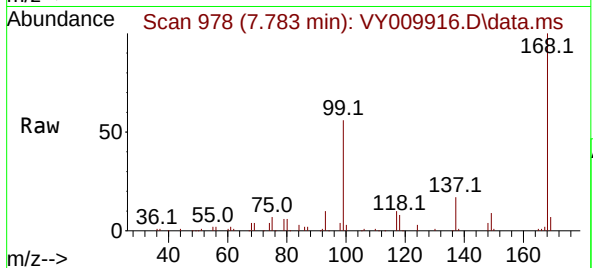
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009916.D
Acq: 09 Aug 2022 13:47

Instrument :

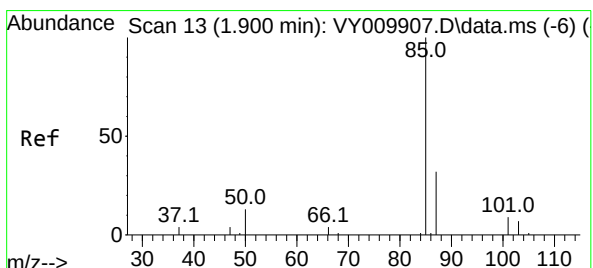
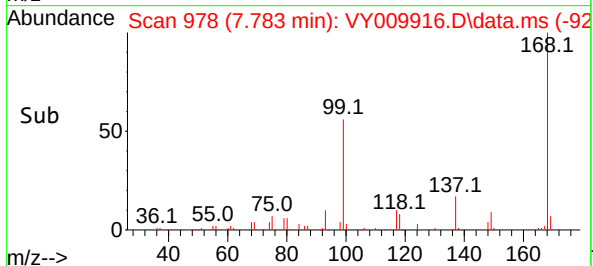
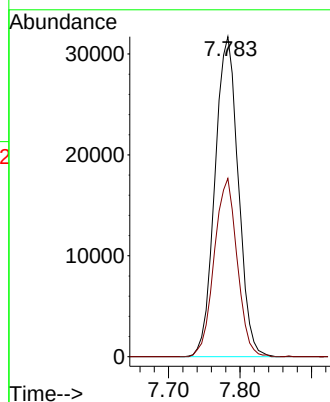
MSVOA_Y

ClientSampleId :

RECOVERED-CRUSHED-AGGREGATE-PILE-A

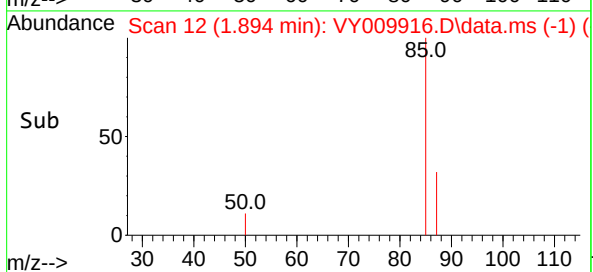
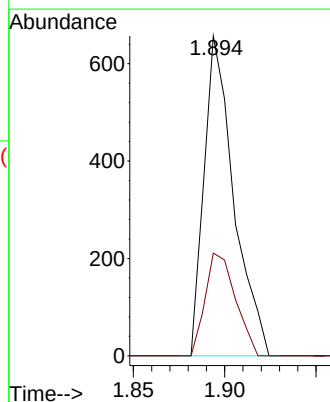
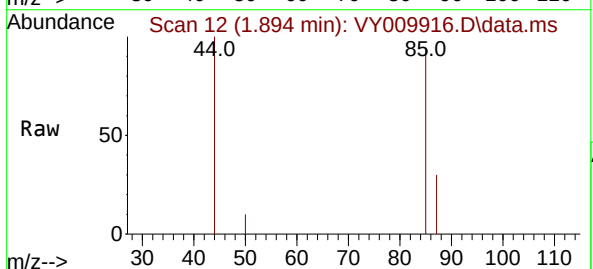


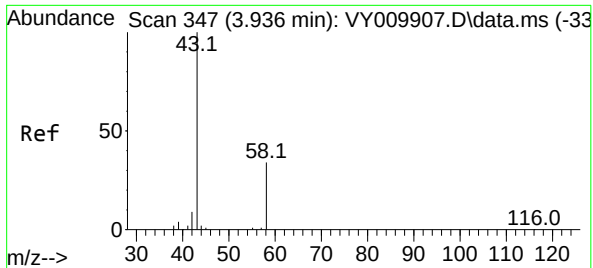
Tgt Ion:168 Resp: 71983
Ion Ratio Lower Upper
168 100
99 55.7 42.1 63.1



#2
Dichlorodifluoromethane
Concen: 1.208 ug/l
RT: 1.894 min Scan# 12
Delta R.T. -0.005 min
Lab File: VY009916.D
Acq: 09 Aug 2022 13:47

Tgt Ion: 85 Resp: 742
Ion Ratio Lower Upper
85 100
87 32.1 16.2 48.5





#16

Acetone

Concen: 13.799 ug/l

RT: 3.936 min Scan# 34

Delta R.T. 0.000 min

Lab File: VY009916.D

Acq: 09 Aug 2022 13:47

Instrument :

MSVOA_Y

ClientSampleId :

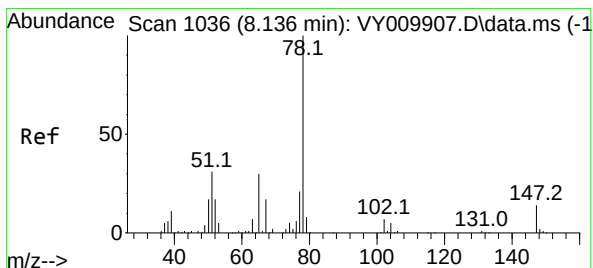
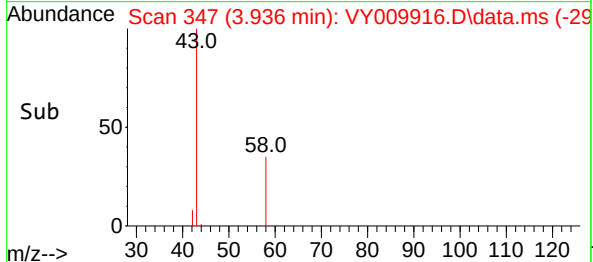
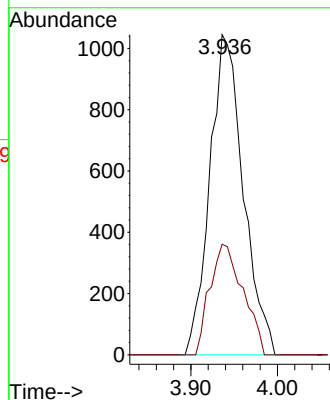
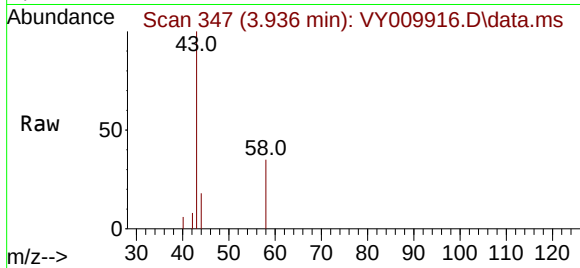
RECOVERED-CRUSHED-AGGREGATE-PILE-A

Tgt Ion: 43 Resp: 2802

Ion Ratio Lower Upper

43 100

58 34.5 24.0 36.0



#33

1,2-Dichloroethane-d4

Concen: 55.335 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY009916.D

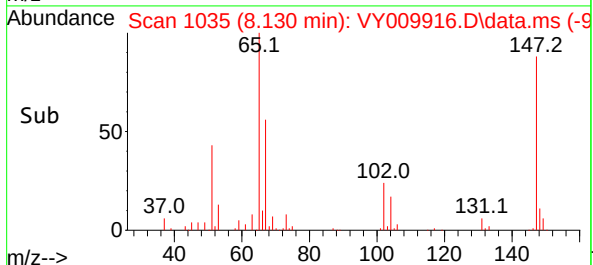
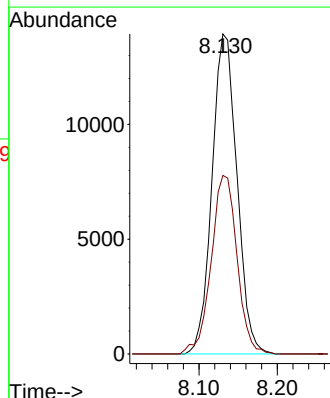
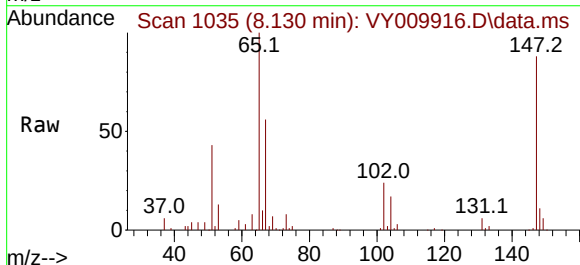
Acq: 09 Aug 2022 13:47

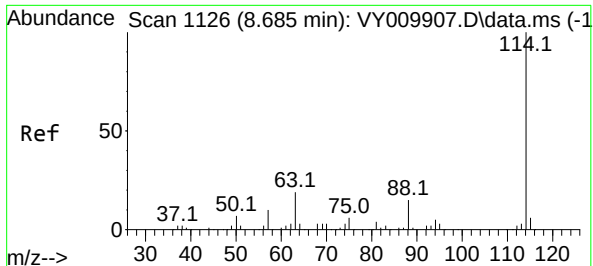
Tgt Ion: 65 Resp: 30837

Ion Ratio Lower Upper

65 100

67 57.8 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY009916.D

Acq: 09 Aug 2022 13:47

Instrument :

MSVOA_Y

ClientSampleId :

RECOVERED-CRUSHED-AGGREGATE-PILE-A

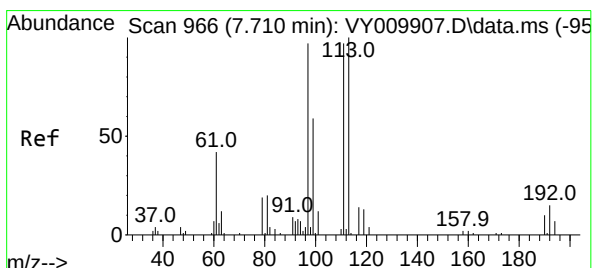
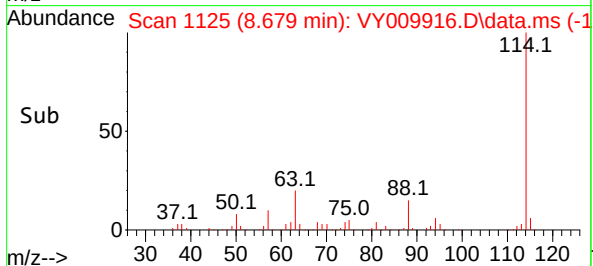
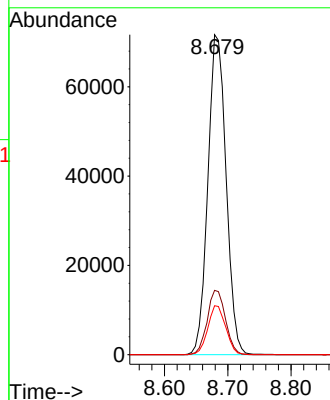
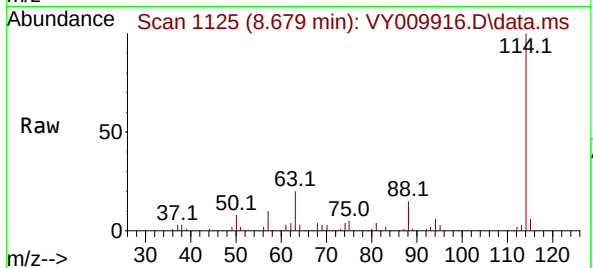
Tgt Ion:114 Resp: 143587

Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.0

88 15.3 0.0 30.0



#35

Dibromofluoromethane

Concen: 23.371 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.001 min

Lab File: VY009916.D

Acq: 09 Aug 2022 13:47

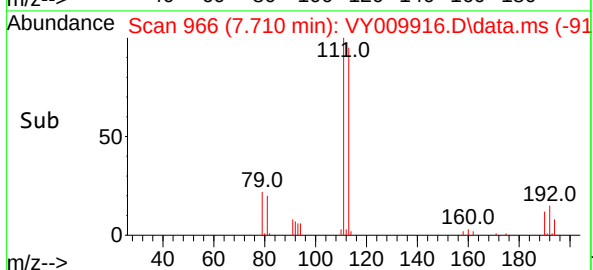
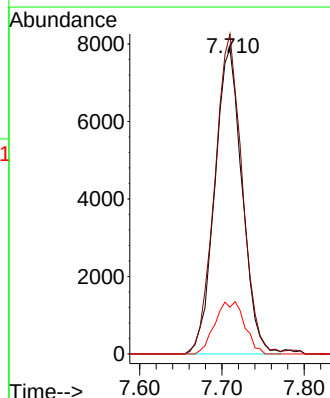
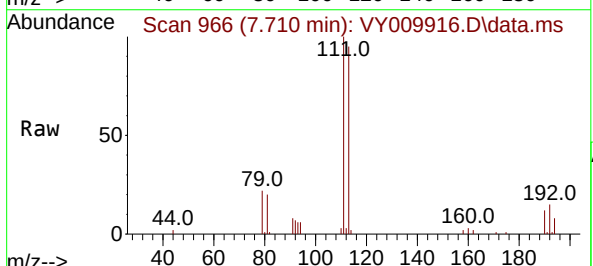
Tgt Ion:113 Resp: 18217

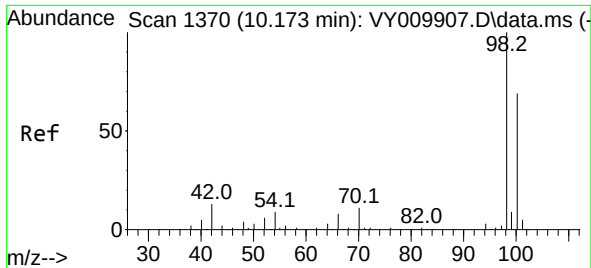
Ion Ratio Lower Upper

113 100

111 104.5 80.6 120.8

192 18.5 16.2 24.4





#50
Toluene-d8
Concen: 44.917 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009916.D
Acq: 09 Aug 2022 13:47

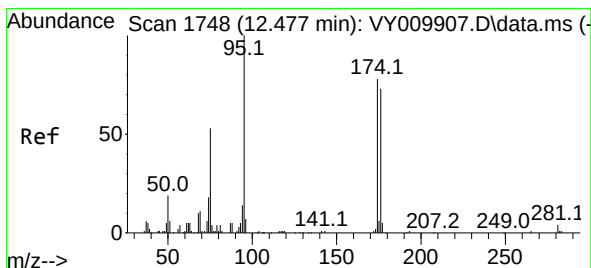
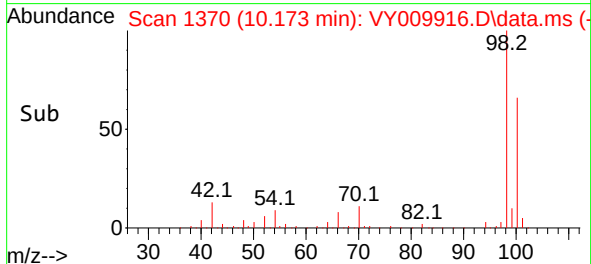
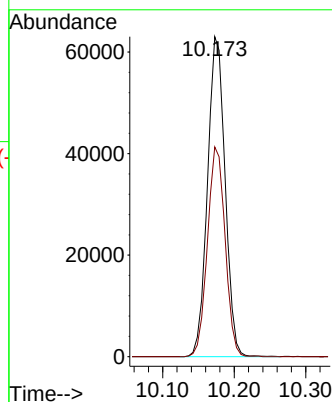
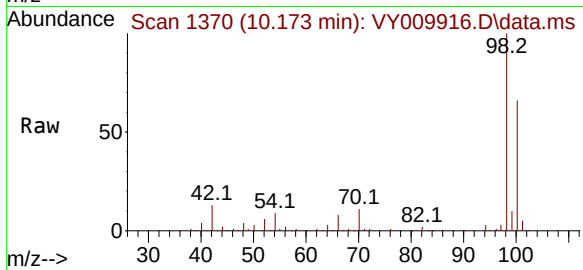
Instrument :

MSVOA_Y

ClientSampleId :

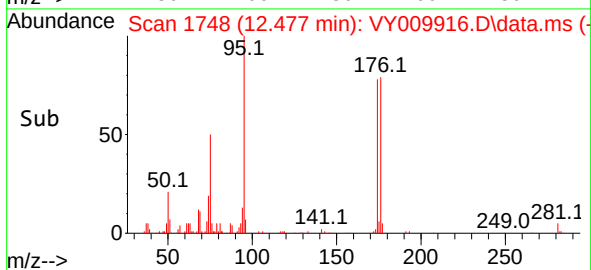
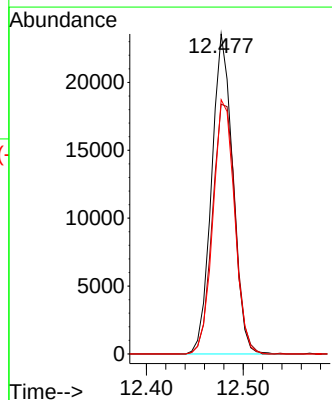
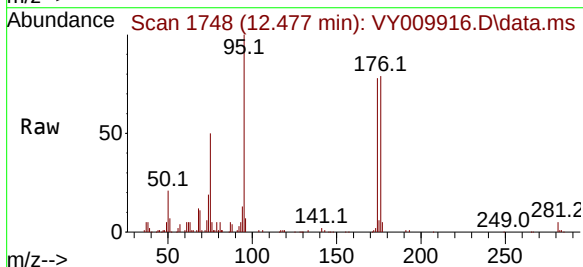
RECOVERED-CRUSHED-AGGREGATE-PILE-A

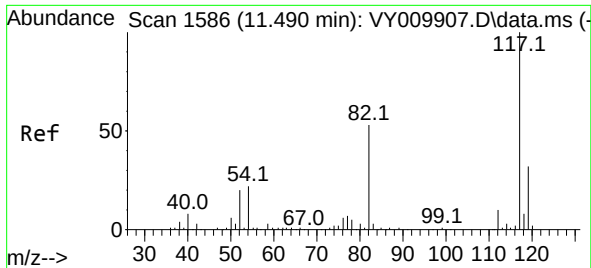
Tgt Ion: 98 Resp: 107668
Ion Ratio Lower Upper
98 100
100 65.8 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 33.000 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009916.D
Acq: 09 Aug 2022 13:47

Tgt Ion: 95 Resp: 35915
Ion Ratio Lower Upper
95 100
174 84.0 0.0 173.8
176 80.7 0.0 167.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009916.D
Acq: 09 Aug 2022 13:47

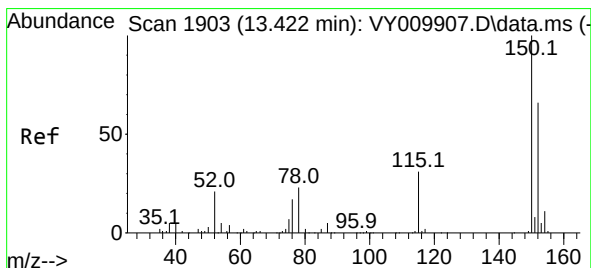
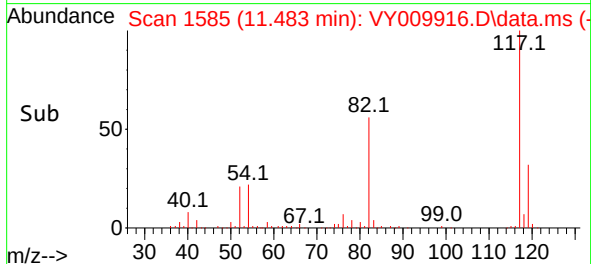
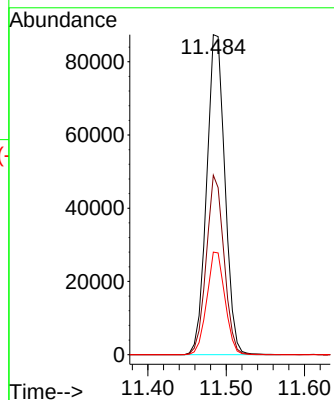
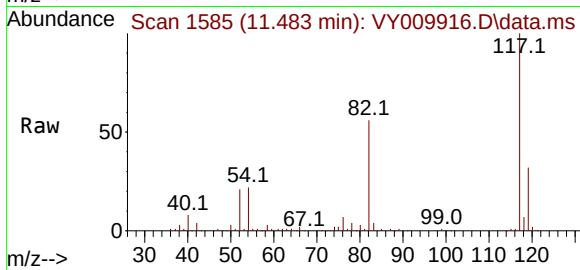
Instrument :

MSVOA_Y

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RECOVERED-CRUSHED-AGGREGATE-PILE-A

Tgt Ion:117 Resp: 141133
Ion Ratio Lower Upper
117 100
82 56.1 41.8 62.6
119 32.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009916.D
Acq: 09 Aug 2022 13:47

Tgt Ion:152 Resp: 65732
Ion Ratio Lower Upper
152 100
115 57.7 28.6 85.9
150 156.4 0.0 349.8

