

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
 Data File : VY009378.D
 Acq On : 29 Jun 2022 17:18
 Operator : KP/MD
 Sample : N3531-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 W-1

Quant Time: Jun 30 05:12:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

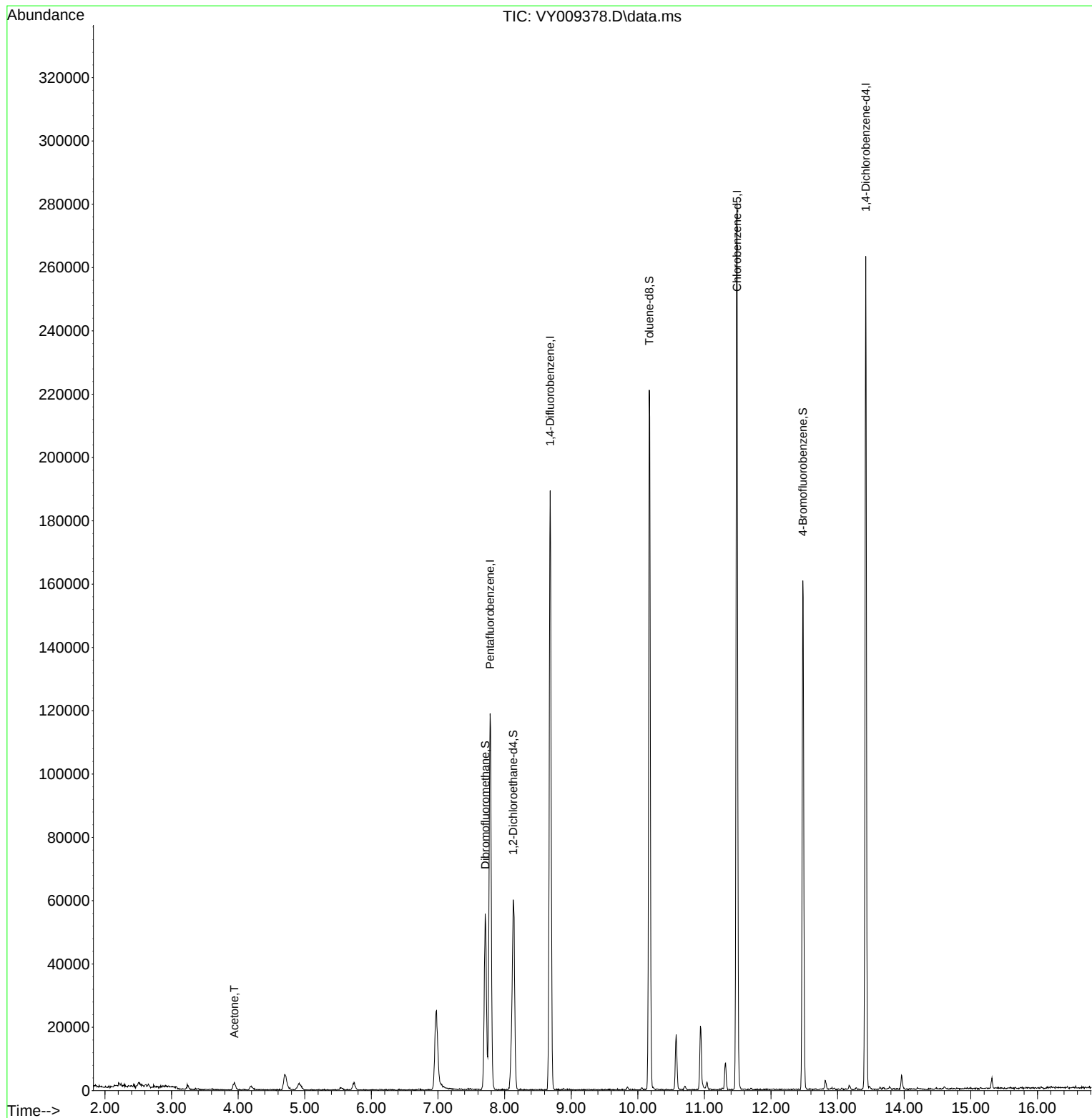
Internal Standards						
1) Pentafluorobenzene	7.783	168	93733	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	159706	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	148253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	64536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	40987	54.594	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.180%	
35) Dibromofluoromethane	7.710	113	37305	42.441	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 84.880%	
50) Toluene-d8	10.173	98	142719	52.958	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.920%	
62) 4-Bromofluorobenzene	12.477	95	42219	33.032	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 66.060%	
Target Compounds						
16) Acetone	3.942	43	4008	16.255	ug/l	Qvalue # 82

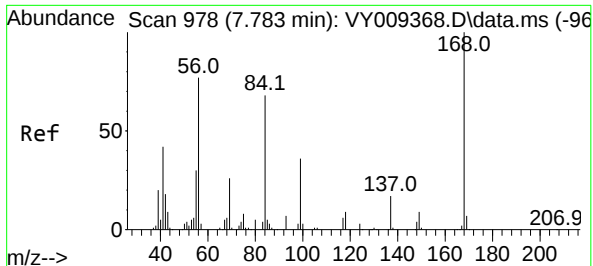
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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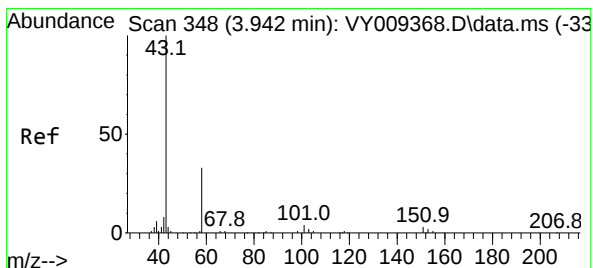
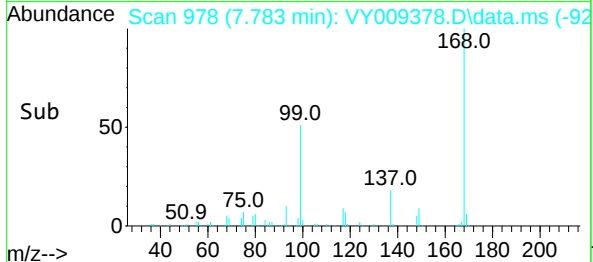
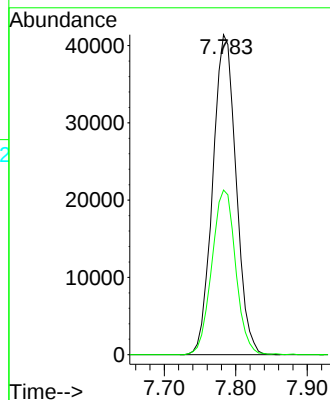
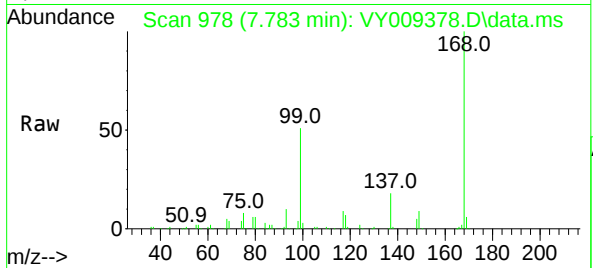




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009378.D
Acq: 29 Jun 2022 17:18

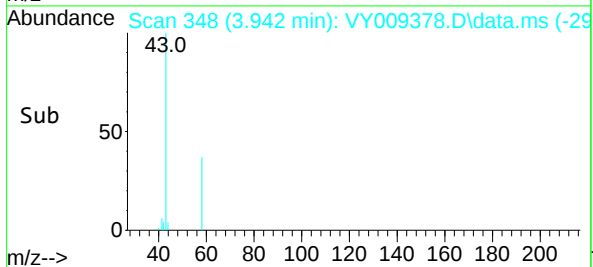
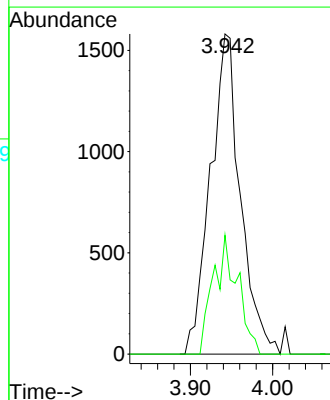
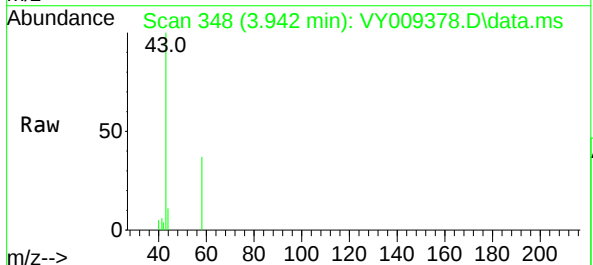
Instrument :
MSVOA_Y
ClientSampleId :
W-1

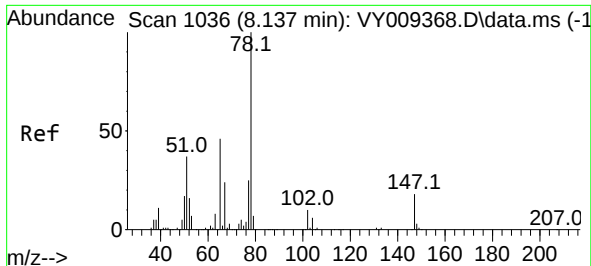
Tgt Ion:168 Resp: 93733
Ion Ratio Lower Upper
168 100
99 51.5 46.9 70.3



#16
Acetone
Concen: 16.255 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY009378.D
Acq: 29 Jun 2022 17:18

Tgt Ion: 43 Resp: 4008
Ion Ratio Lower Upper
43 100
58 37.1 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 54.594 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY009378.D

Acq: 29 Jun 2022 17:18

Instrument :

MSVOA_Y

ClientSampleId :

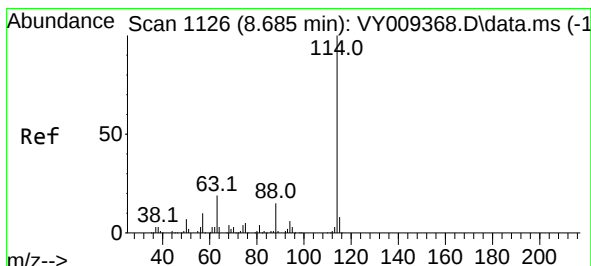
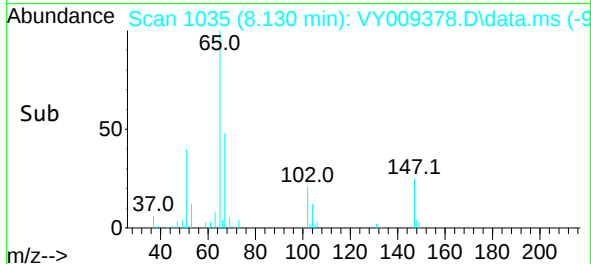
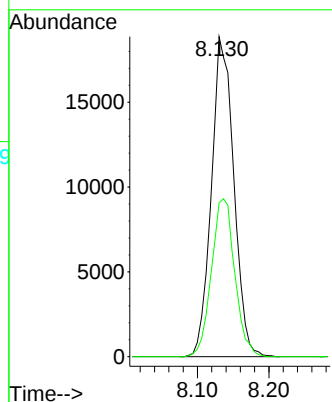
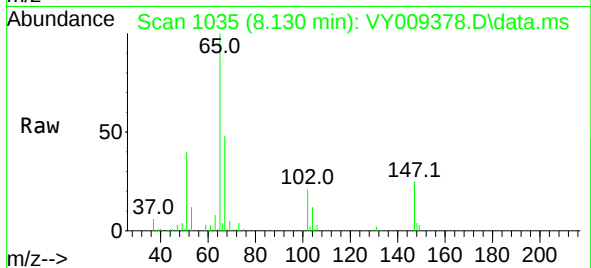
W-1

Tgt Ion: 65 Resp: 40987

Ion Ratio Lower Upper

65 100

67 51.5 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: VY009378.D

Acq: 29 Jun 2022 17:18

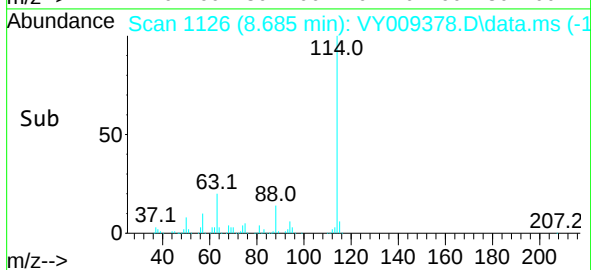
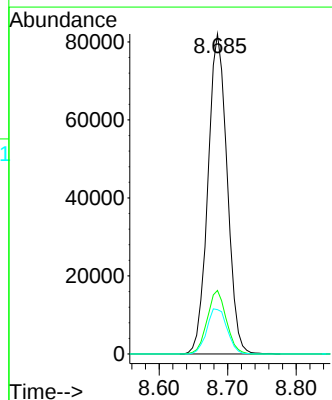
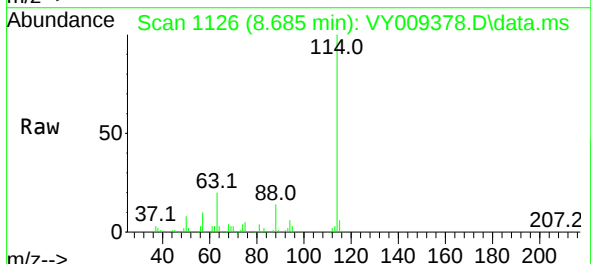
Tgt Ion: 114 Resp: 159706

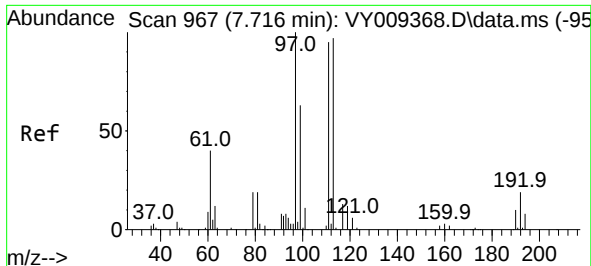
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 13.9 0.0 31.8

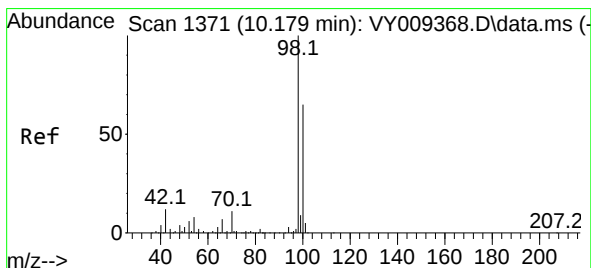
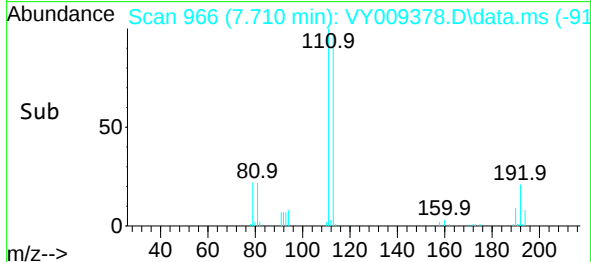
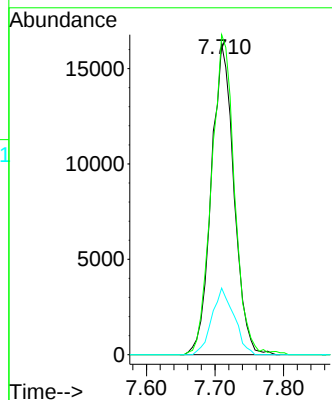
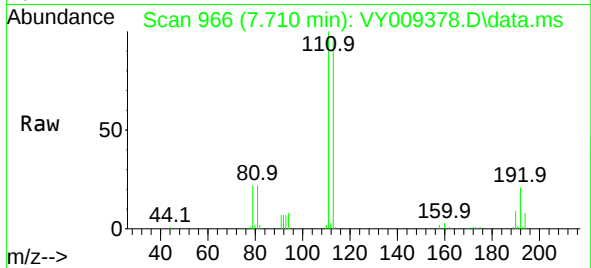




#35
 Dibromofluoromethane
 Concen: 42.441 ug/l
 RT: 7.710 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY009378.D
 Acq: 29 Jun 2022 17:18

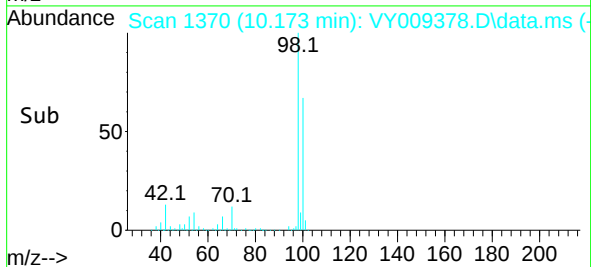
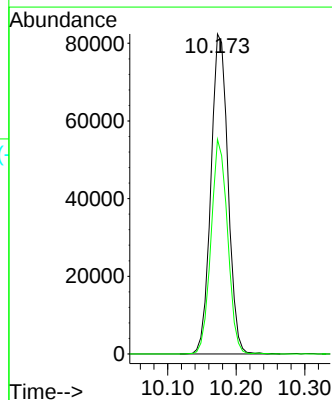
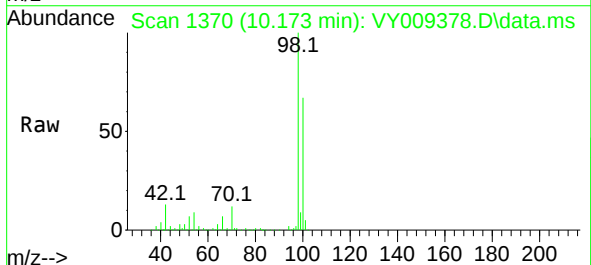
Instrument :
 MSVOA_Y
 ClientSampleId :
 W-1

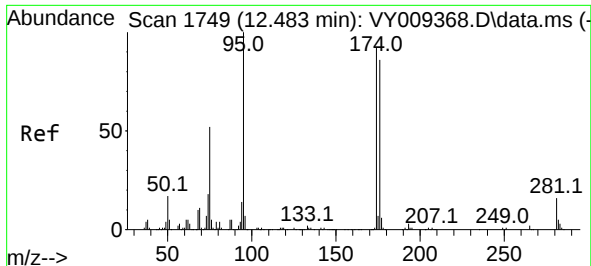
Tgt Ion:113 Resp: 37305
 Ion Ratio Lower Upper
 113 100
 111 104.2 82.6 124.0
 192 21.0 17.6 26.4



#50
 Toluene-d8
 Concen: 52.958 ug/l
 RT: 10.173 min Scan# 1370
 Delta R.T. -0.006 min
 Lab File: VY009378.D
 Acq: 29 Jun 2022 17:18

Tgt Ion: 98 Resp: 142719
 Ion Ratio Lower Upper
 98 100
 100 64.9 50.2 75.2

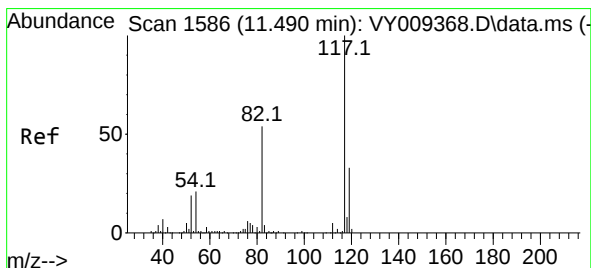
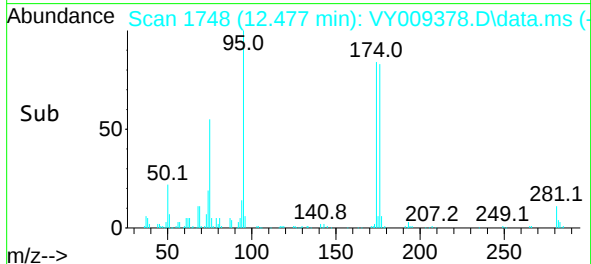
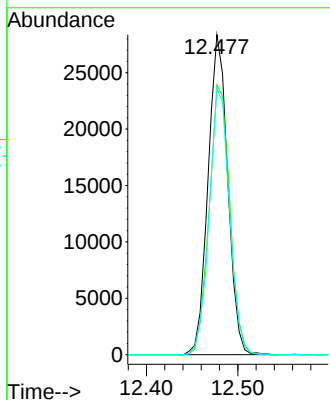
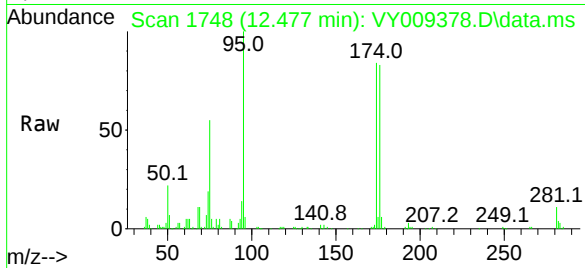




#62
4-Bromofluorobenzene
Concen: 33.032 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009378.D
Acq: 29 Jun 2022 17:18

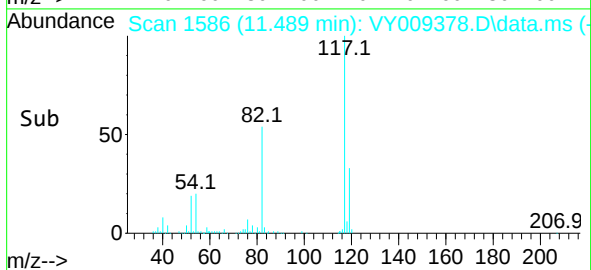
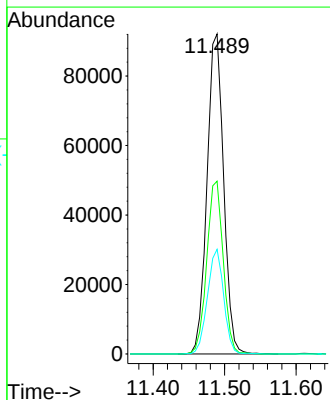
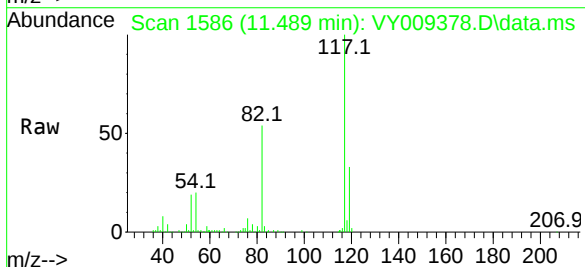
Instrument :
MSVOA_Y
ClientSampleId :
W-1

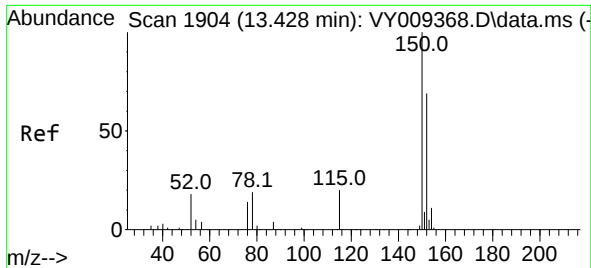
Tgt Ion: 95 Resp: 42219
Ion Ratio Lower Upper
95 100
174 88.7 0.0 177.0
176 85.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009378.D
Acq: 29 Jun 2022 17:18

Tgt Ion: 117 Resp: 148253
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 32.7 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: VY009378.D

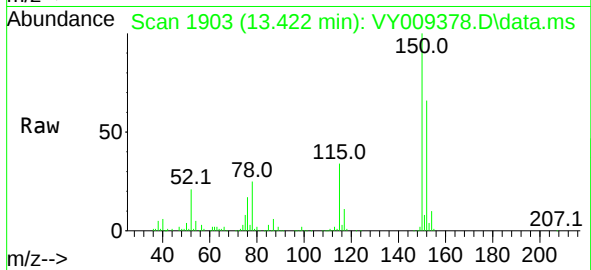
Acq: 29 Jun 2022 17:18

Instrument :

MSVOA_Y

ClientSampleId :

W-1



Tgt Ion:152 Resp: 64536

Ion Ratio Lower Upper

152 100

115 55.1 28.2 84.7

150 154.8 0.0 347.6

