

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070122\
 Data File : VY009423.D
 Acq On : 01 Jul 2022 15:30
 Operator : KP/MD
 Sample : N3549-02
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ML-2

Quant Time: Jul 05 02:46:17 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)

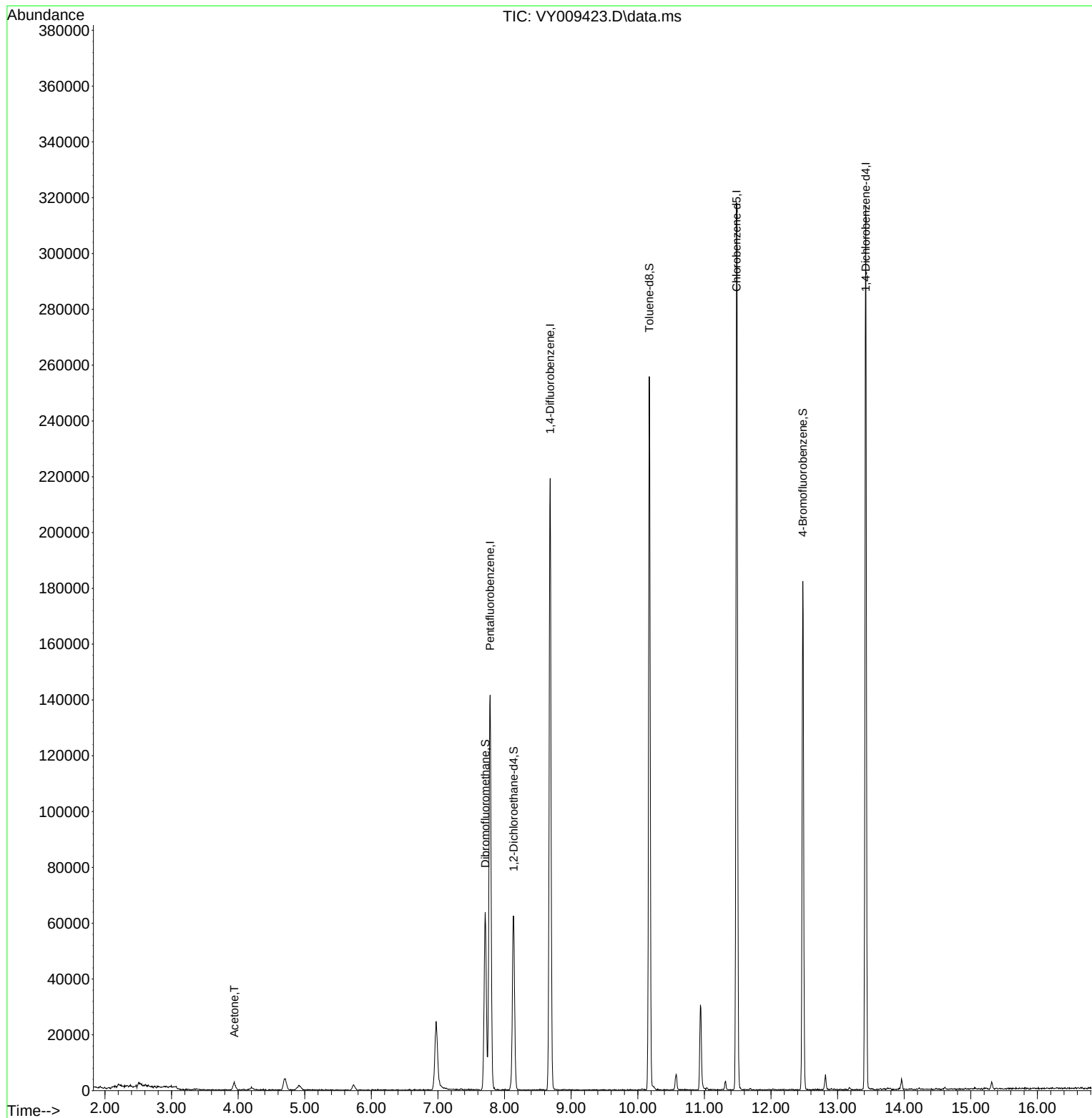
Internal Standards						
1) Pentafluorobenzene	7.783	168	110660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	182339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	168666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	76837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	48603	54.835	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.680%	
35) Dibromofluoromethane	7.710	113	43005	42.853	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 85.700%	
50) Toluene-d8	10.173	98	158837	51.623	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.240%	
62) 4-Bromofluorobenzene	12.477	95	50487	34.597	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 69.200%	
Target Compounds						
16) Acetone	3.942	43	4493	15.435	ug/l	Qvalue # 73

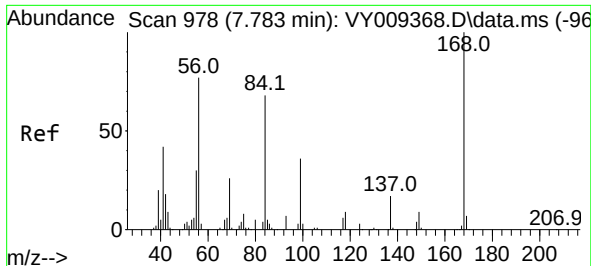
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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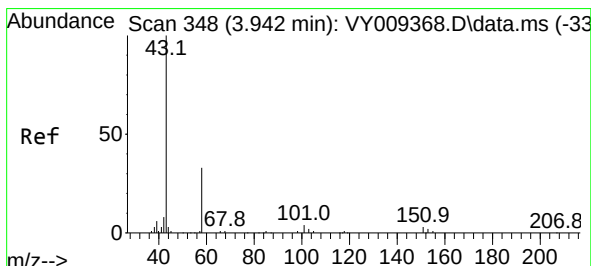
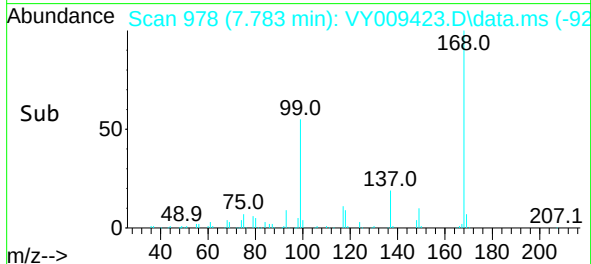
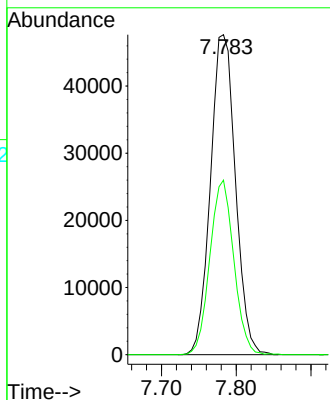
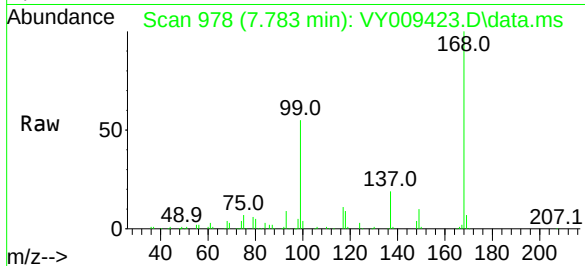




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009423.D
Acq: 01 Jul 2022 15:30

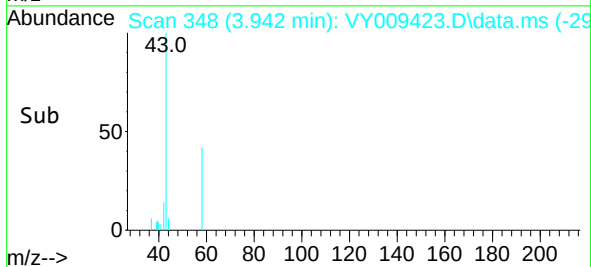
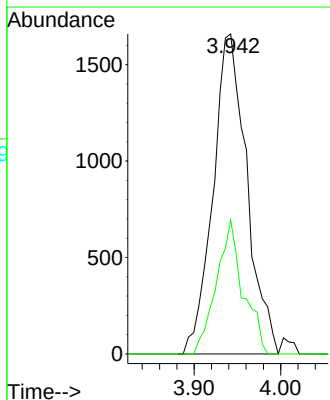
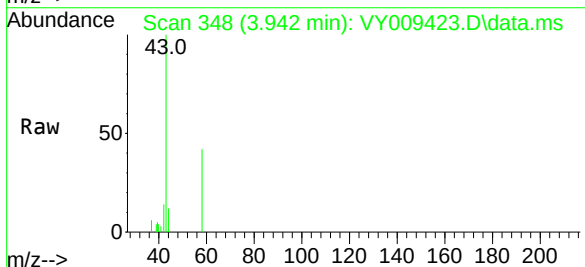
Instrument :
MSVOA_Y
ClientSampleId :
ML-2

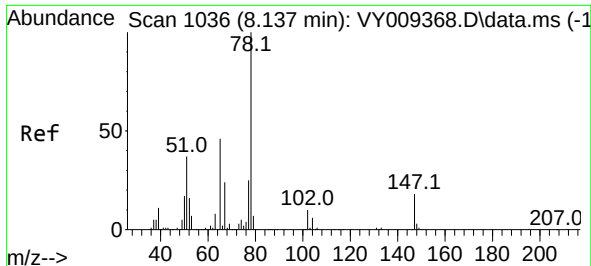
Tgt Ion:168 Resp: 110660
Ion Ratio Lower Upper
168 100
99 54.5 46.9 70.3



#16
Acetone
Concen: 15.435 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY009423.D
Acq: 01 Jul 2022 15:30

Tgt Ion: 43 Resp: 4493
Ion Ratio Lower Upper
43 100
58 41.8 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 54.835 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY009423.D

Acq: 01 Jul 2022 15:30

Instrument :

MSVOA_Y

ClientSampleId :

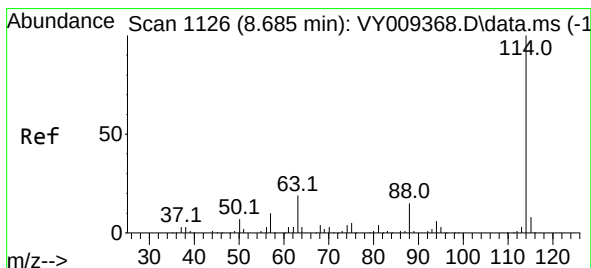
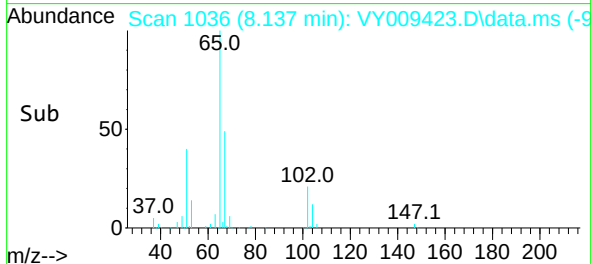
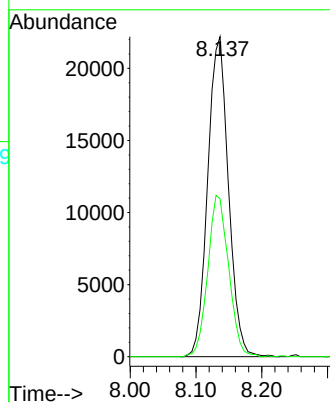
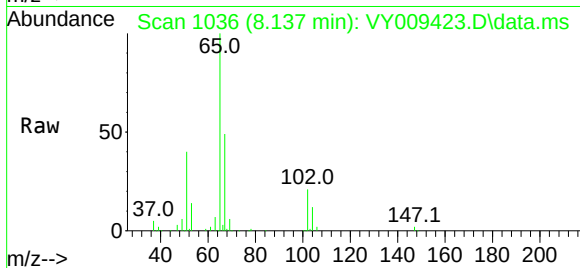
ML-2

Tgt Ion: 65 Resp: 48603

Ion Ratio Lower Upper

65 100

67 50.8 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: VY009423.D

Acq: 01 Jul 2022 15:30

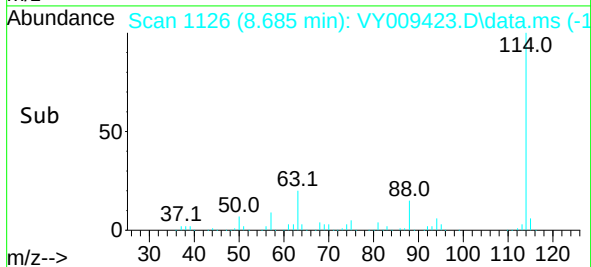
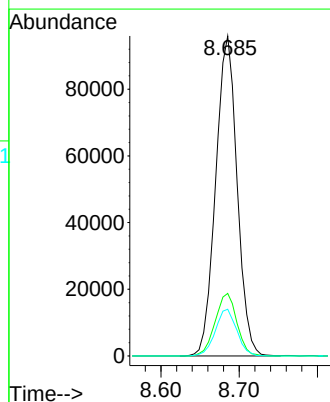
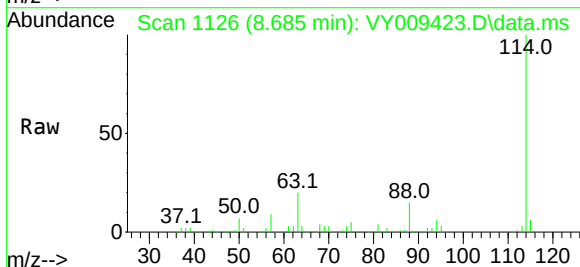
Tgt Ion: 114 Resp: 182339

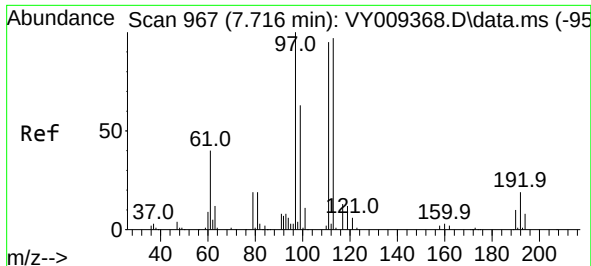
Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 14.6 0.0 31.8

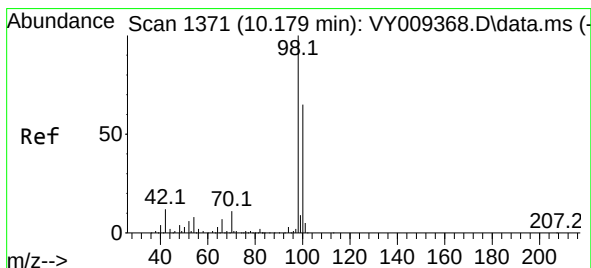
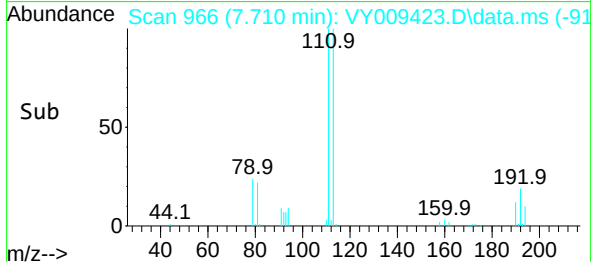
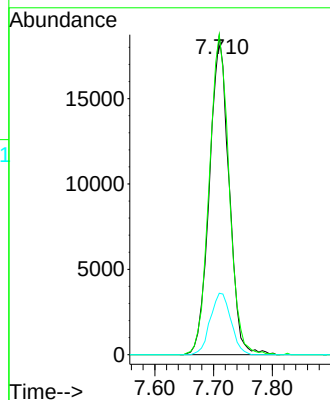
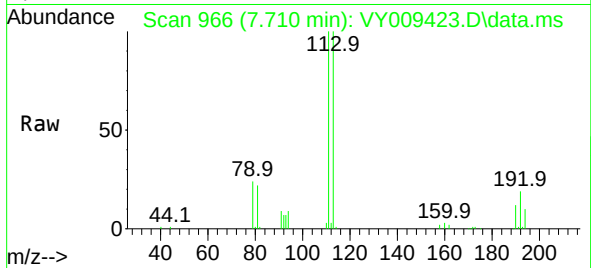




#35
Dibromofluoromethane
Concen: 42.853 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009423.D
Acq: 01 Jul 2022 15:30

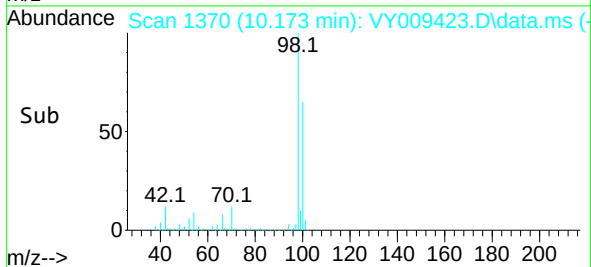
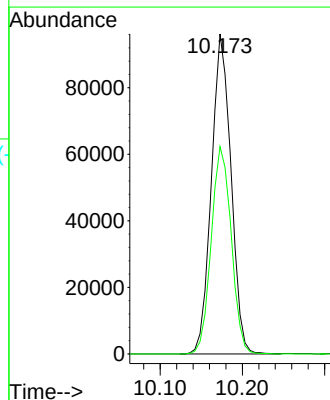
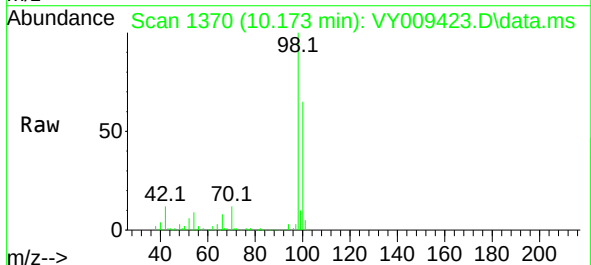
Instrument :
MSVOA_Y
ClientSampleId :
ML-2

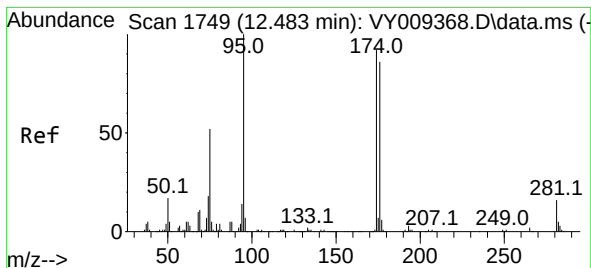
Tgt Ion:113 Resp: 43005
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 20.4 17.6 26.4



#50
Toluene-d8
Concen: 51.623 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY009423.D
Acq: 01 Jul 2022 15:30

Tgt Ion: 98 Resp: 158837
Ion Ratio Lower Upper
98 100
100 66.1 50.2 75.2

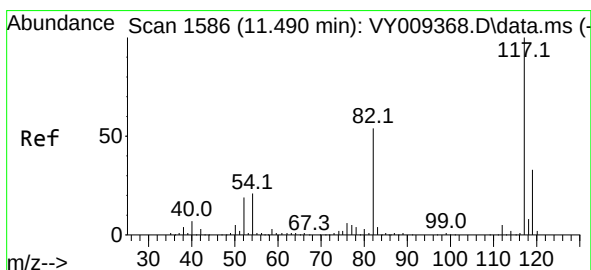
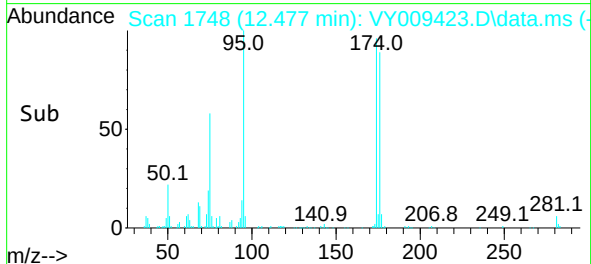
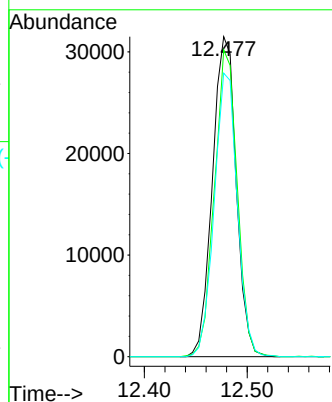
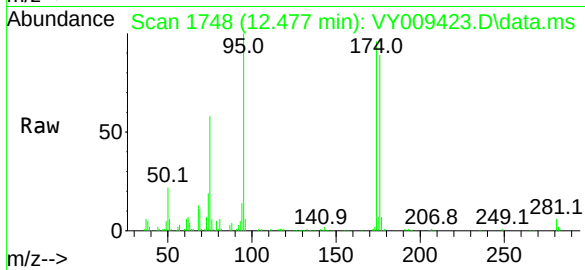




#62
4-Bromofluorobenzene
Concen: 34.597 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY009423.D
Acq: 01 Jul 2022 15:30

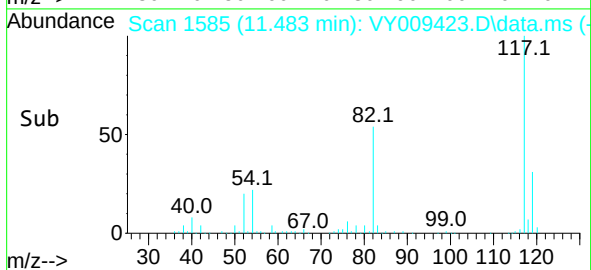
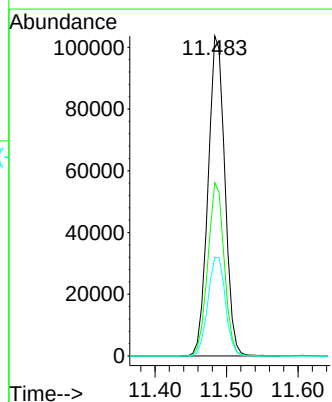
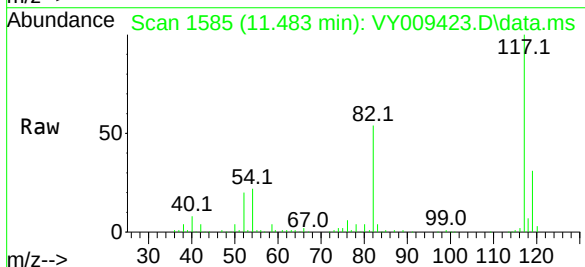
Instrument :
MSVOA_Y
ClientSampleId :
ML-2

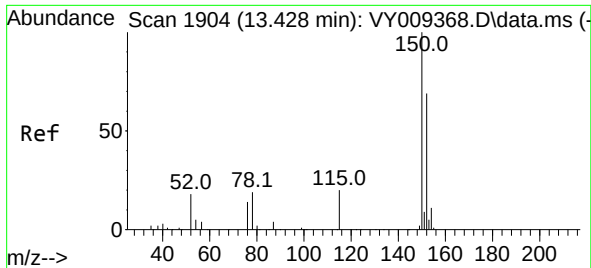
Tgt Ion: 95 Resp: 50487
Ion Ratio Lower Upper
95 100
174 92.0 0.0 177.0
176 85.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.007 min
Lab File: VY009423.D
Acq: 01 Jul 2022 15:30

Tgt Ion: 117 Resp: 168666
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 30.8 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY009423.D
 Acq: 01 Jul 2022 15:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 ML-2

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.4	28.2	84.7
150	156.3	0.0	347.6

