

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042723\
 Data File : VY013499.D
 Acq On : 27 Apr 2023 18:03
 Operator : KP/MD
 Sample : 02470-09
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-09-8.5-9.0

Quant Time: Apr 28 01:33:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

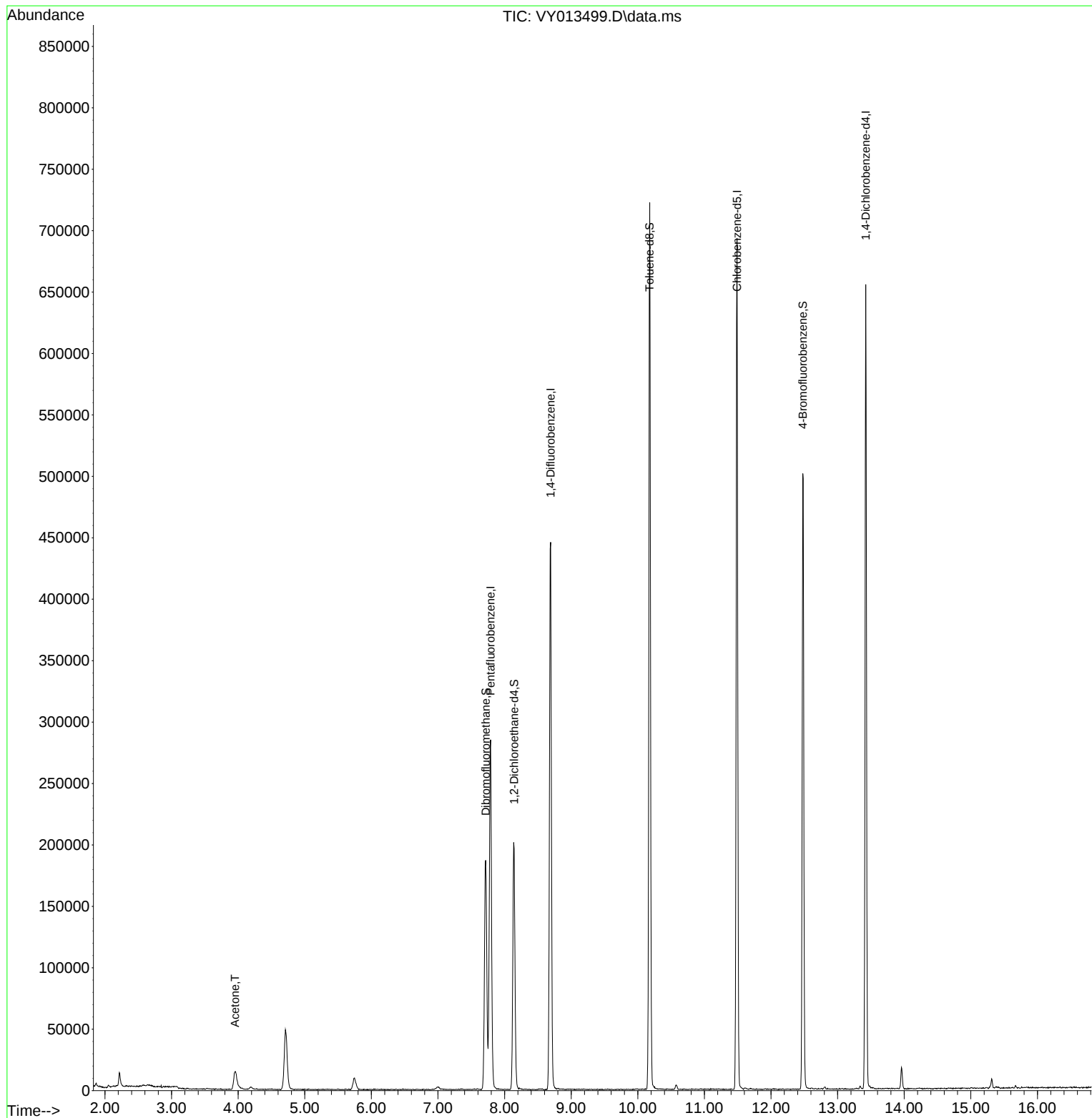
Internal Standards						
1) Pentafluorobenzene	7.789	168	218185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	375481	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	362845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	160484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	160542	67.122	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.240%	
35) Dibromofluoromethane	7.716	113	135060	57.190	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.380%	
50) Toluene-d8	10.179	98	458273	54.549	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.100%	
62) 4-Bromofluorobenzene	12.477	95	149445	52.765	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.540%	
Target Compounds						
16) Acetone	3.954	43	32612	34.623	ug/l	Qvalue 92

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

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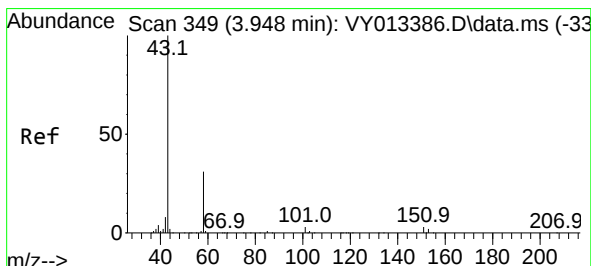
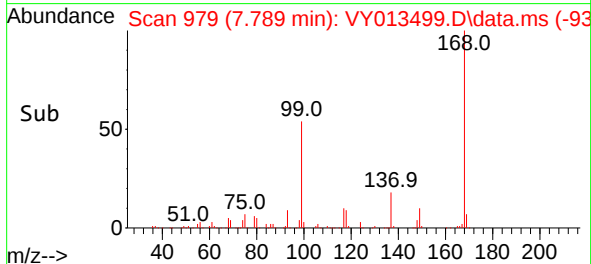
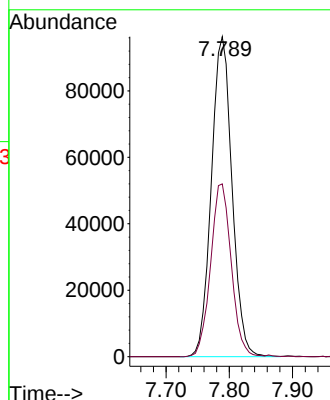
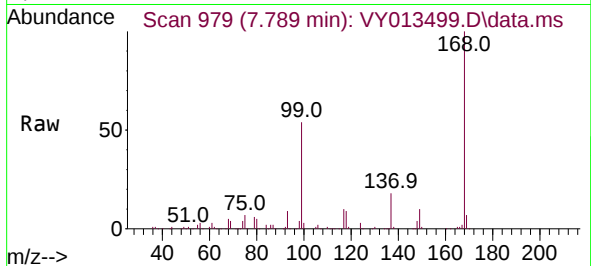




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013499.D
Acq: 27 Apr 2023 18:03

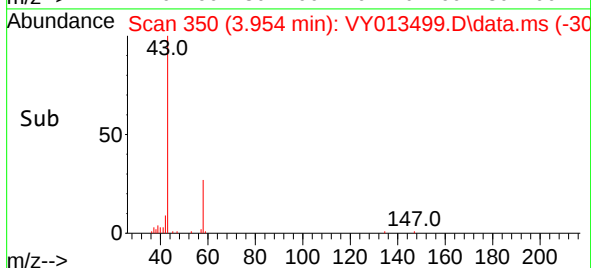
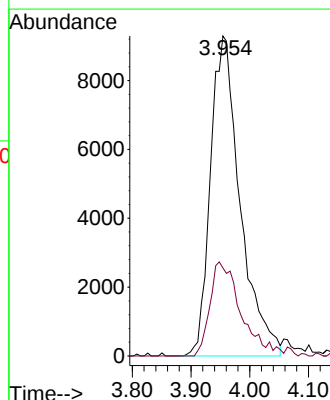
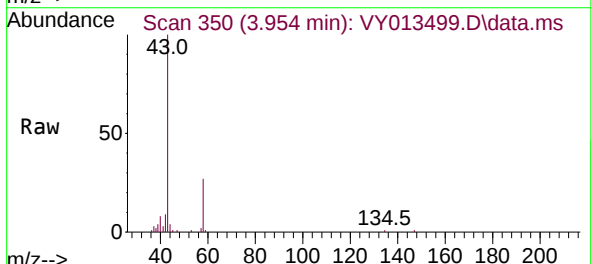
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-8.5-9.0

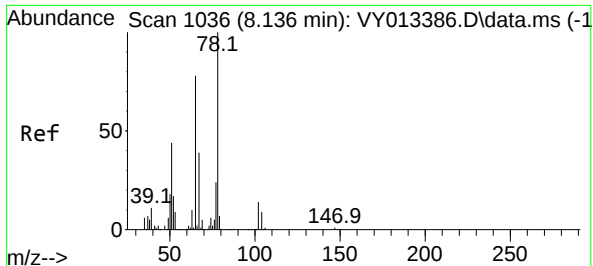
Tgt Ion:168 Resp: 218185
Ion Ratio Lower Upper
168 100
99 54.0 41.8 62.6



#16
Acetone
Concen: 34.623 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013499.D
Acq: 27 Apr 2023 18:03

Tgt Ion: 43 Resp: 32612
Ion Ratio Lower Upper
43 100
58 27.5 25.4 38.0





#33

1,2-Dichloroethane-d4

Concen: 67.122 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VY013499.D

Acq: 27 Apr 2023 18:03

Instrument :

MSVOA_Y

ClientSampleId :

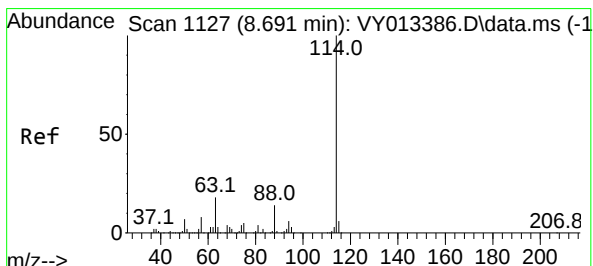
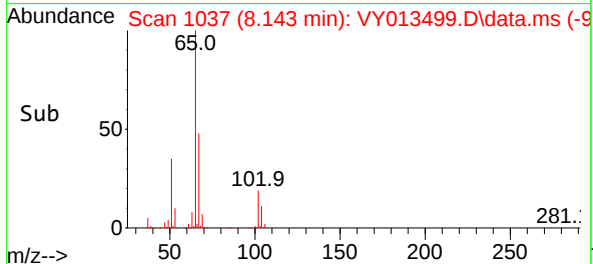
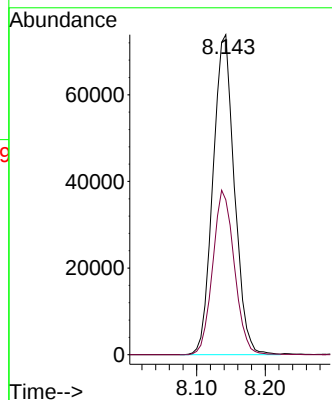
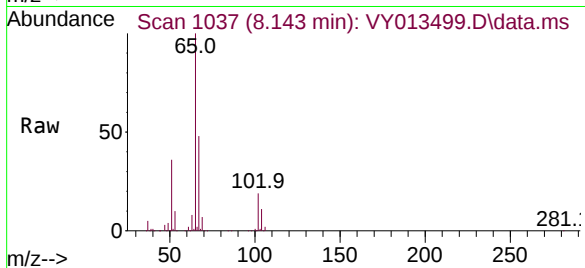
SB-09-8.5-9.0

Tgt Ion: 65 Resp: 160542

Ion Ratio Lower Upper

65 100

67 51.8 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013499.D

Acq: 27 Apr 2023 18:03

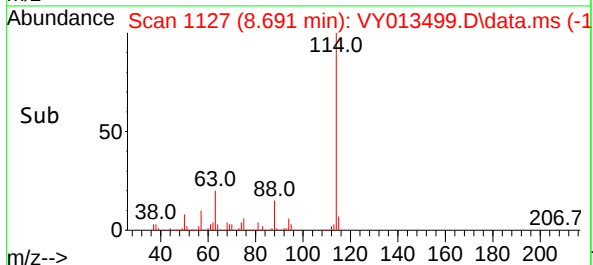
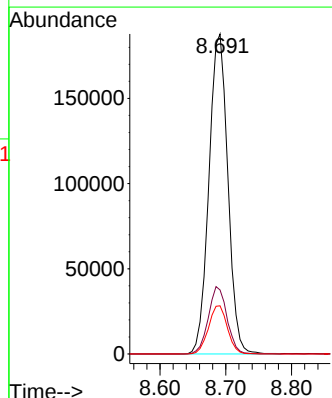
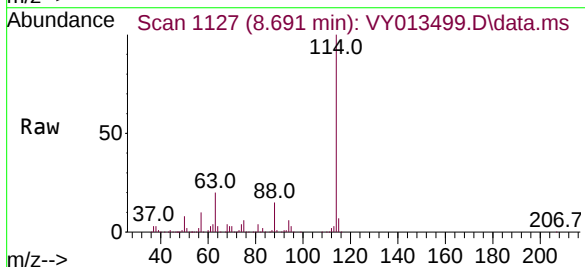
Tgt Ion: 114 Resp: 375481

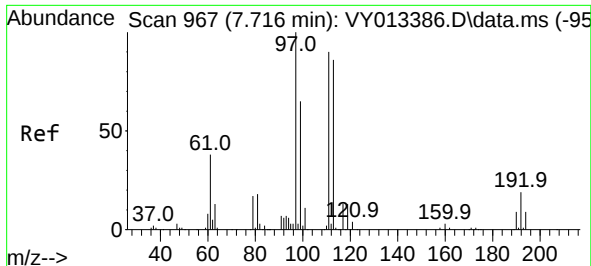
Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.6

88 15.0 0.0 28.8

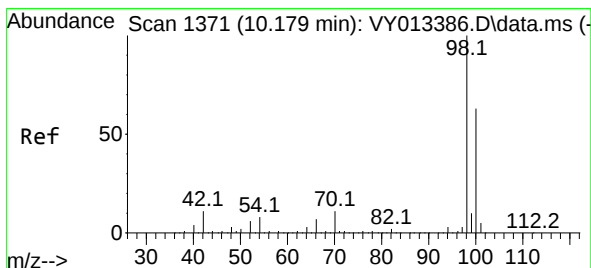
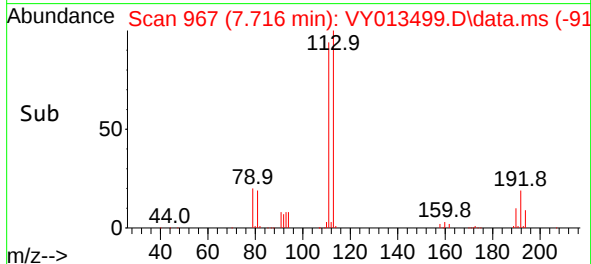
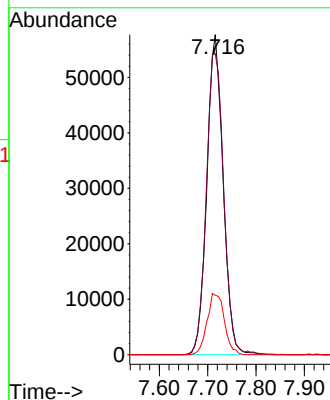
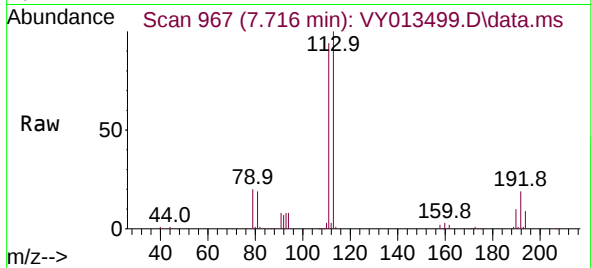




#35
Dibromofluoromethane
Concen: 57.190 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013499.D
Acq: 27 Apr 2023 18:03

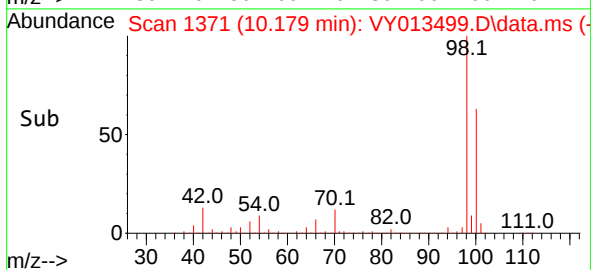
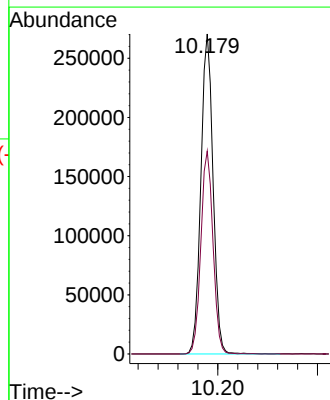
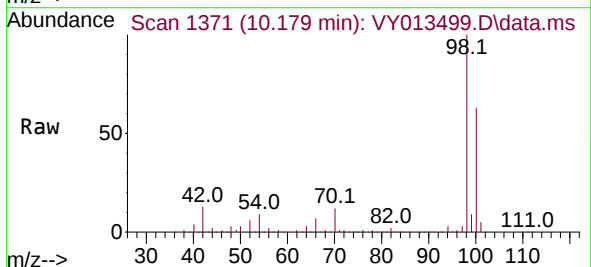
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-8.5-9.0

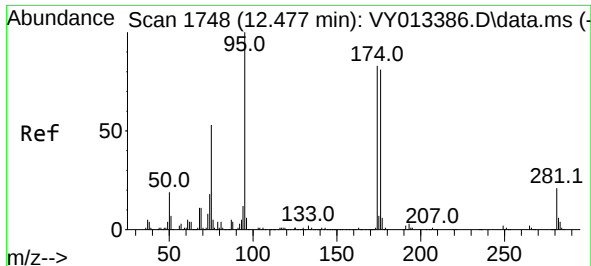
Tgt Ion:113 Resp: 135060
Ion Ratio Lower Upper
113 100
111 100.5 82.2 123.2
192 20.2 16.7 25.1



#50
Toluene-d8
Concen: 54.549 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013499.D
Acq: 27 Apr 2023 18:03

Tgt Ion: 98 Resp: 458273
Ion Ratio Lower Upper
98 100
100 63.2 50.5 75.7

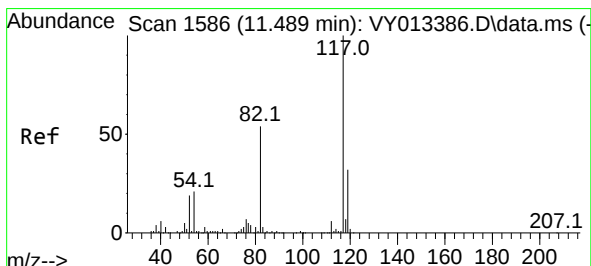
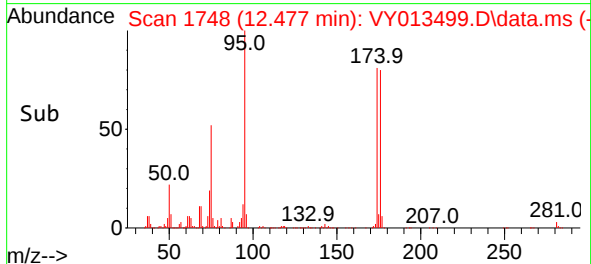
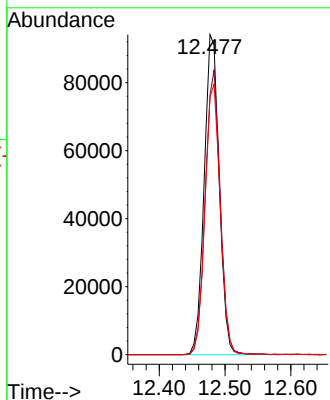
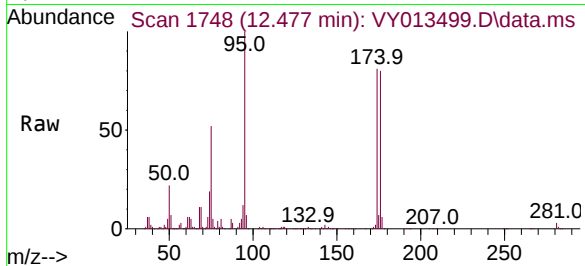




#62
4-Bromofluorobenzene
Concen: 52.765 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013499.D
Acq: 27 Apr 2023 18:03

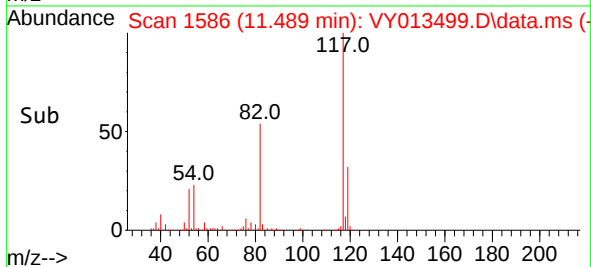
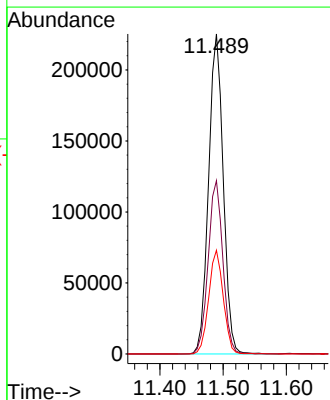
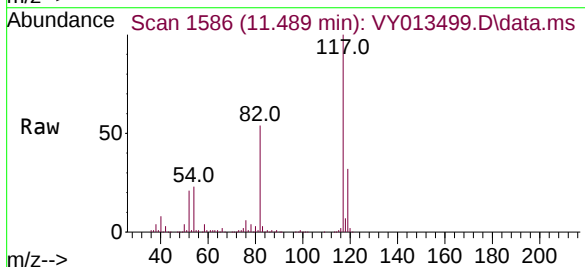
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-8.5-9.0

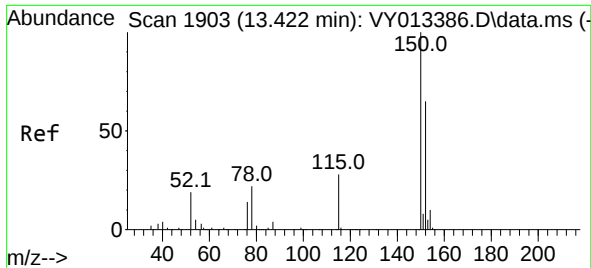
Tgt Ion: 95 Resp: 149445
Ion Ratio Lower Upper
95 100
174 89.3 0.0 182.0
176 85.6 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013499.D
Acq: 27 Apr 2023 18:03

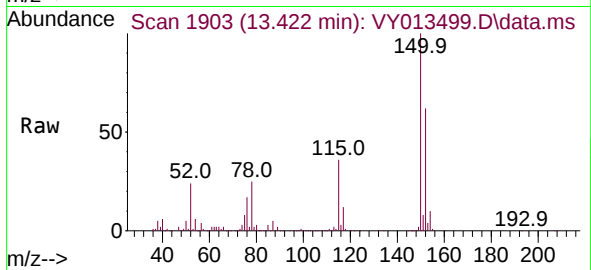
Tgt Ion: 117 Resp: 362845
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.6
119 32.4 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY013499.D
 Acq: 27 Apr 2023 18:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-09-8.5-9.0



Tgt Ion:152 Resp: 160484

Ion	Ratio	Lower	Upper
152	100		
115	57.5	28.1	84.2
150	156.9	0.0	352.0

