

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014849.D
 Acq On : 26 Jul 2023 15:06
 Operator : SY/MD
 Sample : 03742-05RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P33BRE

Quant Time: Jul 26 15:32:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

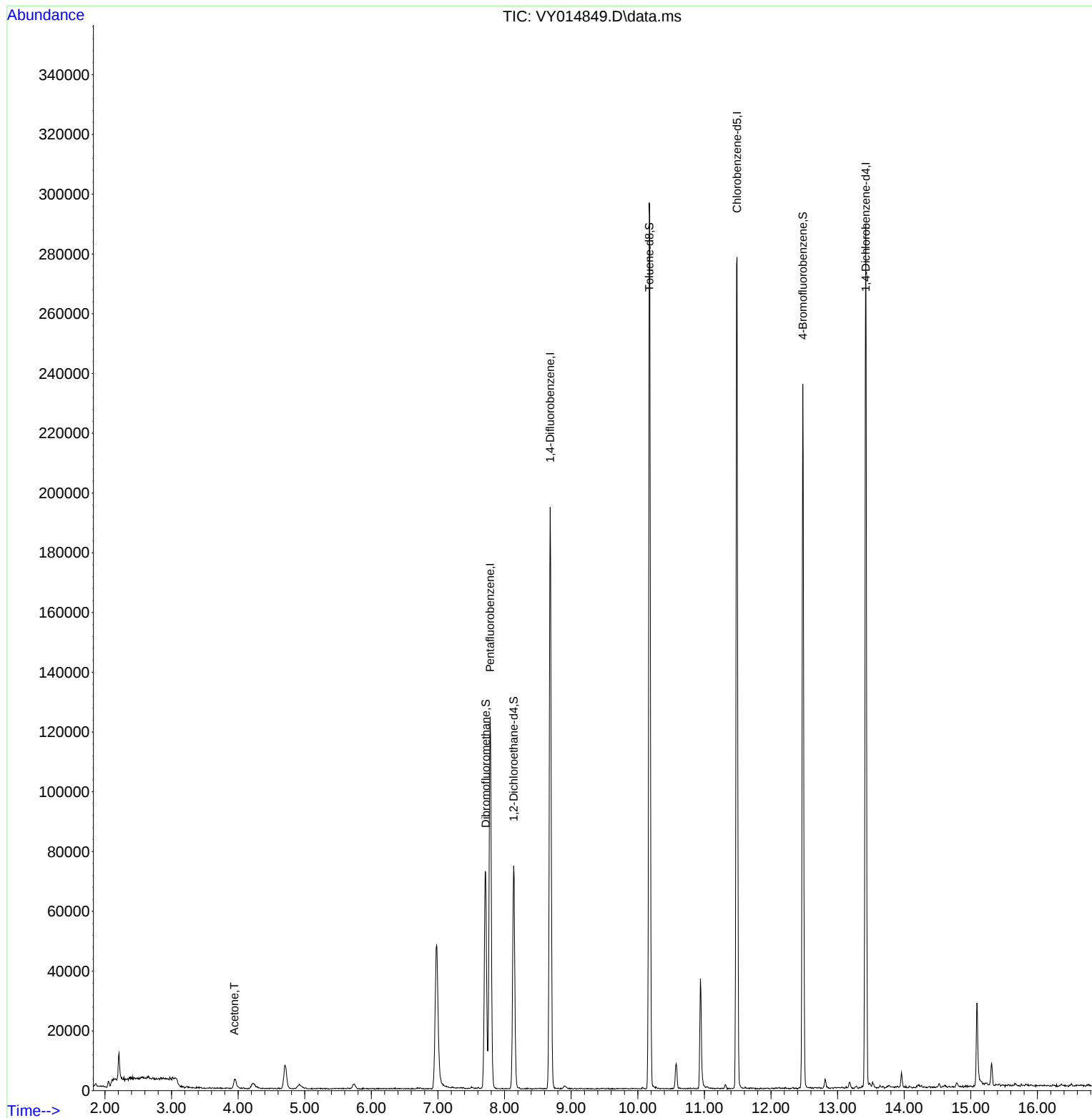
Internal Standards						
1) Pentafluorobenzene	7.783	168	96332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	167983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	154516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	72719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	57741	52.600	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.200%
35) Dibromofluoromethane	7.716	113	52240	48.853	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.700%
50) Toluene-d8	10.173	98	199621	50.634	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.260%
62) 4-Bromofluorobenzene	12.477	95	69067	45.689	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.380%
Target Compounds						
16) Acetone	3.942	43	6252	17.973	ug/l	Qvalue 95

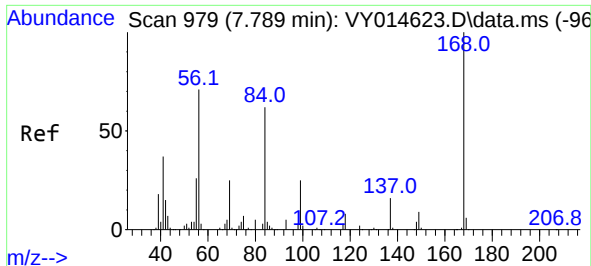
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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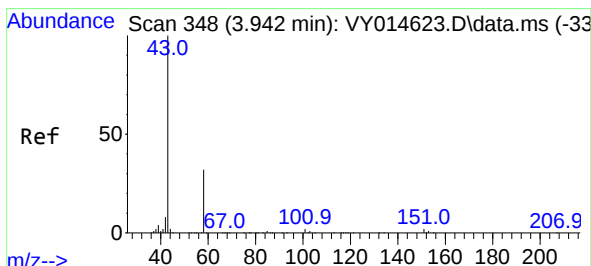
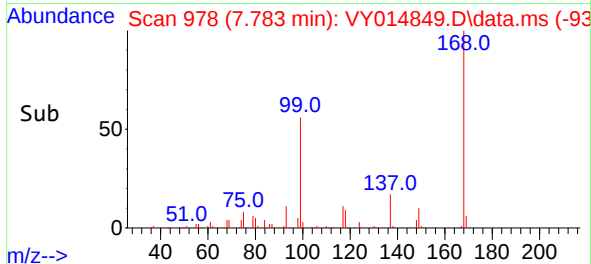
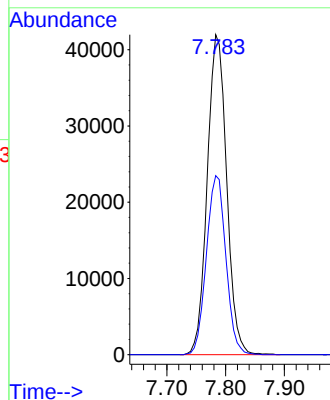
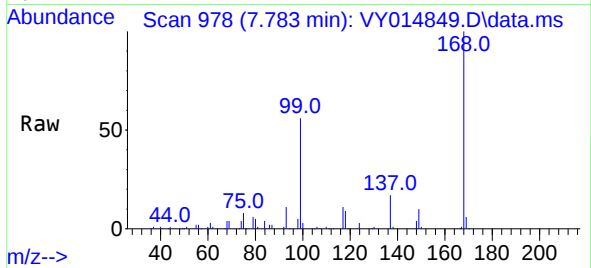




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014849.D
Acq: 26 Jul 2023 15:06

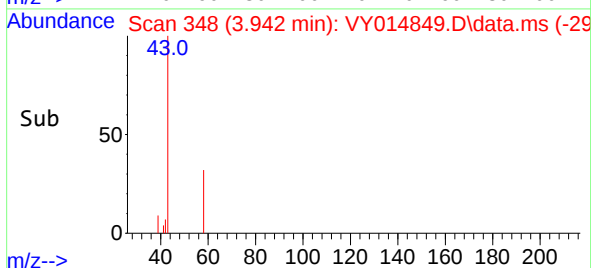
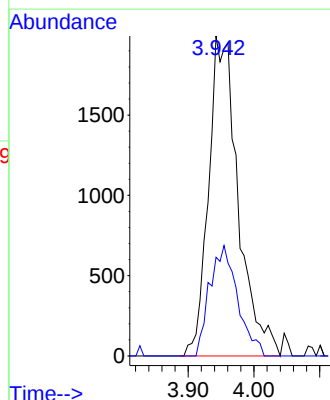
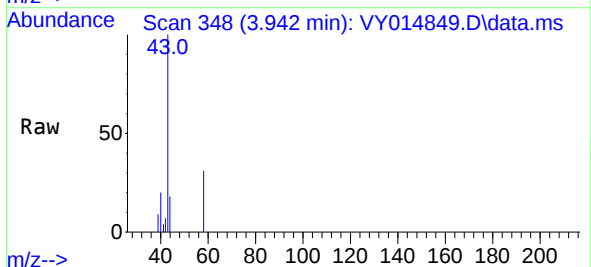
Instrument :
MSVOA_Y
ClientSampleId :
B-P33BRE

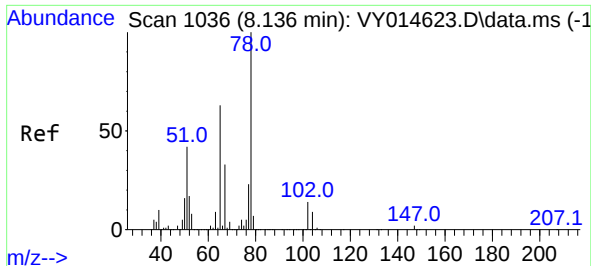
Tgt Ion:168 Resp: 96332
Ion Ratio Lower Upper
168 100
99 55.9 43.4 65.0



#16
Acetone
Concen: 17.973 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014849.D
Acq: 26 Jul 2023 15:06

Tgt Ion: 43 Resp: 6252
Ion Ratio Lower Upper
43 100
58 30.9 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 52.600 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY014849.D

Acq: 26 Jul 2023 15:06

Instrument :

MSVOA_Y

ClientSampleId :

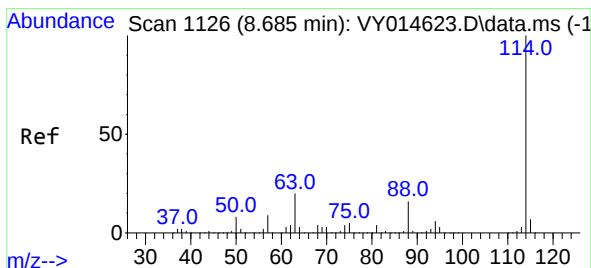
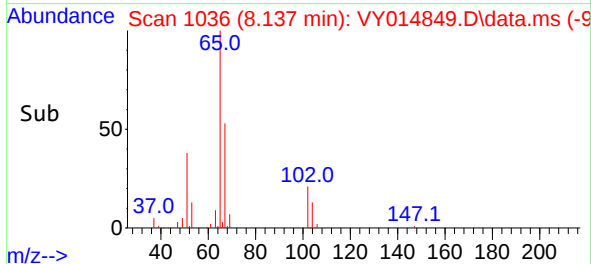
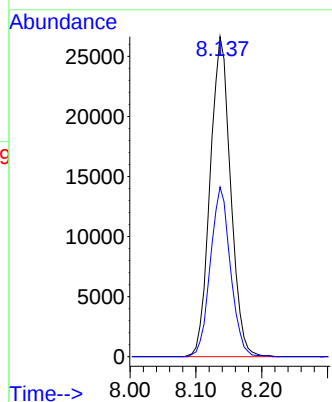
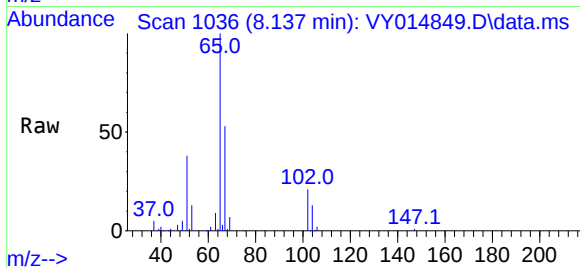
B-P33BRE

Tgt Ion: 65 Resp: 57741

Ion Ratio Lower Upper

65 100

67 52.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014849.D

Acq: 26 Jul 2023 15:06

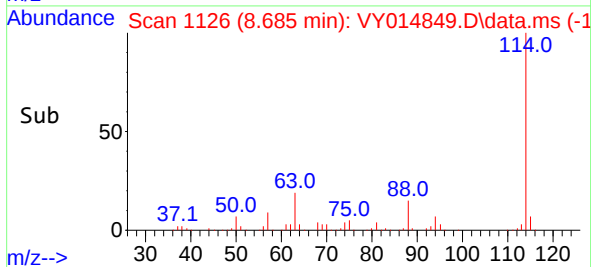
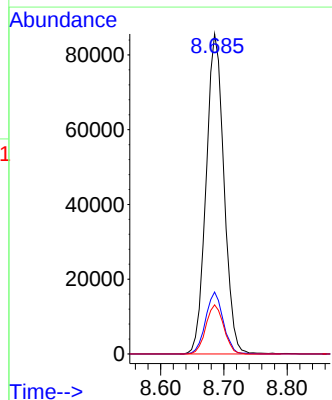
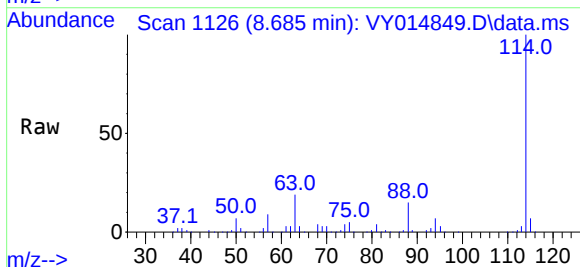
Tgt Ion: 114 Resp: 167983

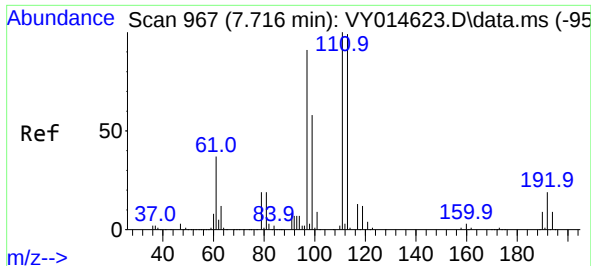
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 15.4 0.0 30.6

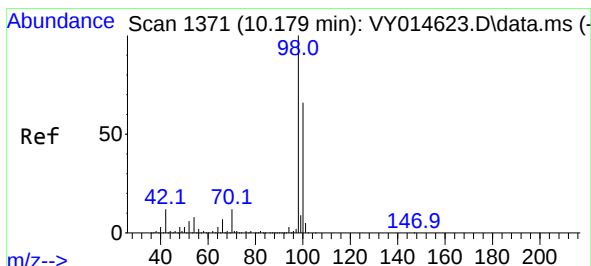
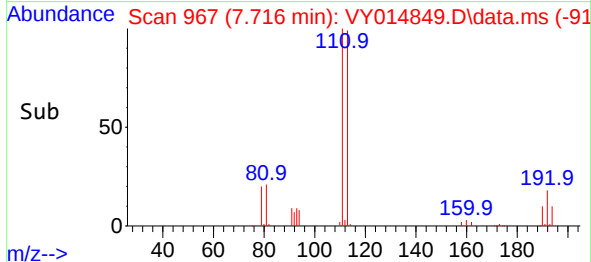
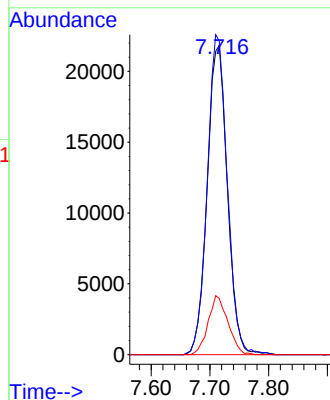
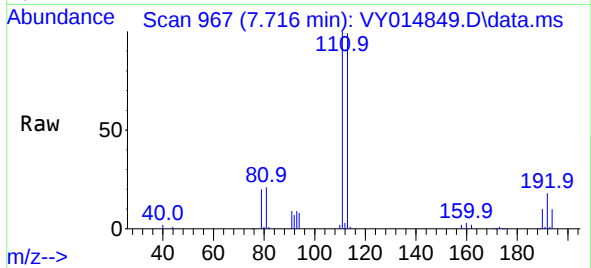




#35
Dibromofluoromethane
Concen: 48.853 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014849.D
Acq: 26 Jul 2023 15:06

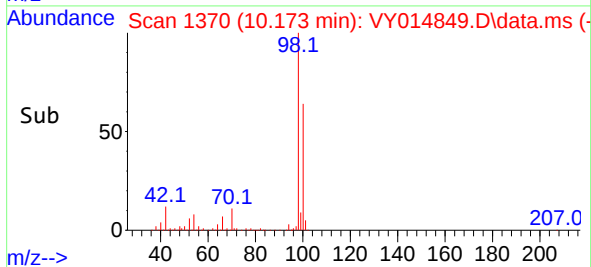
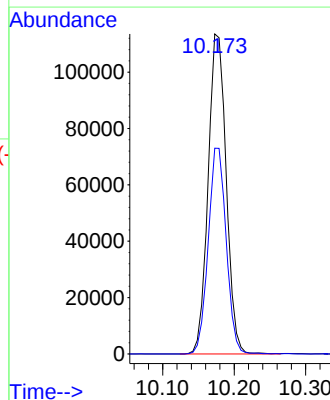
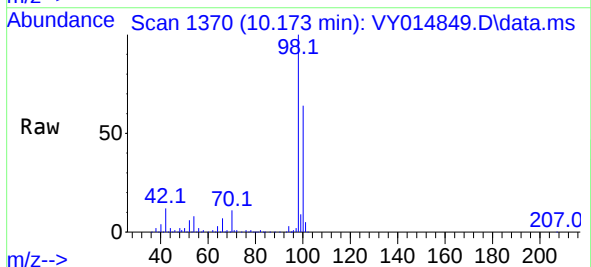
Instrument :
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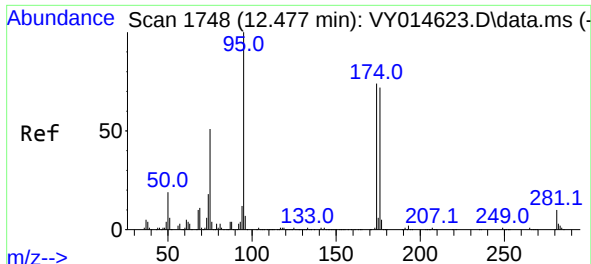
Tgt Ion:113 Resp: 52240
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 18.7 16.9 25.3



#50
Toluene-d8
Concen: 50.634 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY014849.D
Acq: 26 Jul 2023 15:06

Tgt Ion: 98 Resp: 199621
Ion Ratio Lower Upper
98 100
100 64.0 50.1 75.1

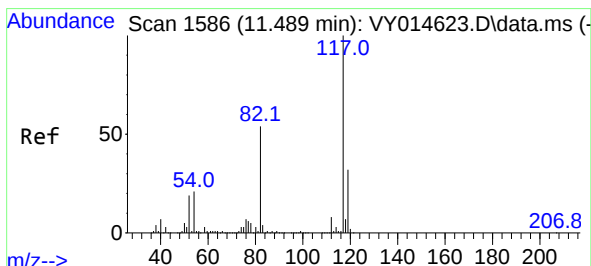
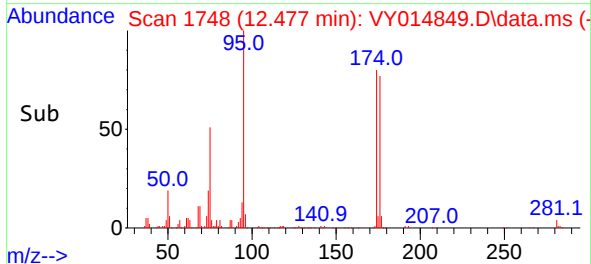
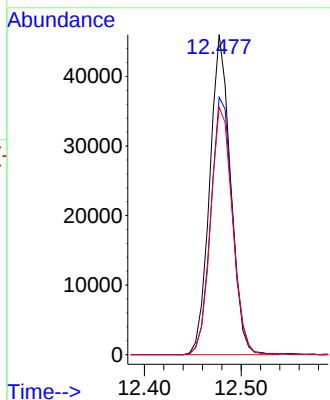
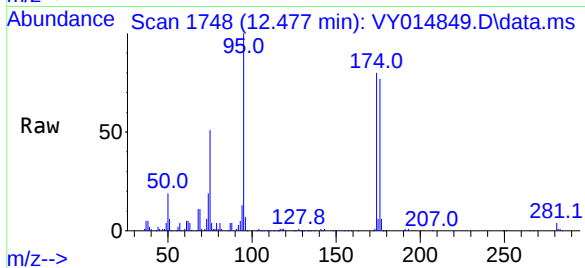




#62
4-Bromofluorobenzene
Concen: 45.689 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014849.D
Acq: 26 Jul 2023 15:06

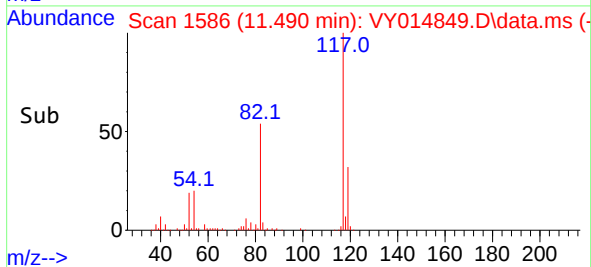
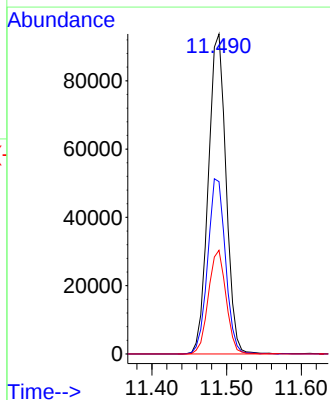
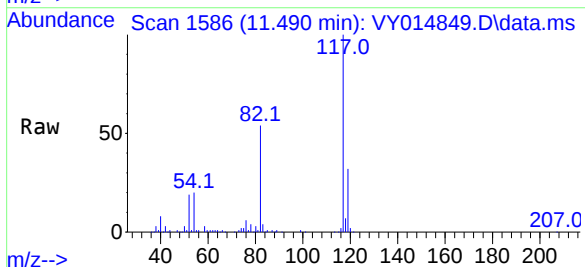
Instrument :
MSVOA_Y
ClientSampleId :
B-P33BRE

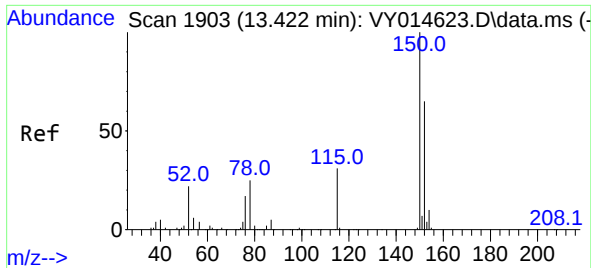
Tgt Ion:	95	Resp:	69067
Ion	Ratio	Lower	Upper
95	100		
174	83.6	0.0	178.2
176	81.0	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY014849.D
Acq: 26 Jul 2023 15:06

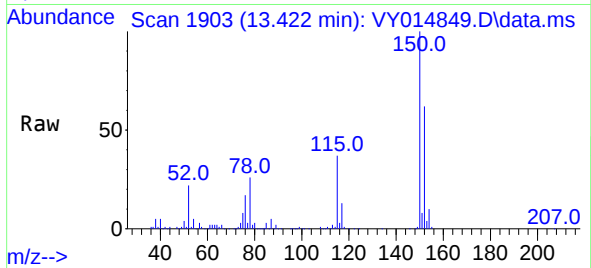
Tgt Ion:	117	Resp:	154516
Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.4	65.0
119	32.4	26.3	39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VY014849.D
 Acq: 26 Jul 2023 15:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P33BRE



Tgt Ion:152 Resp: 72719
 Ion Ratio Lower Upper
 152 100
 115 59.8 28.8 86.5
 150 157.4 0.0 348.8

