

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014853.D
 Acq On : 26 Jul 2023 16:40
 Operator : SY/MD
 Sample : 03741-18RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P29ARE

Quant Time: Jul 26 17:20:55 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)

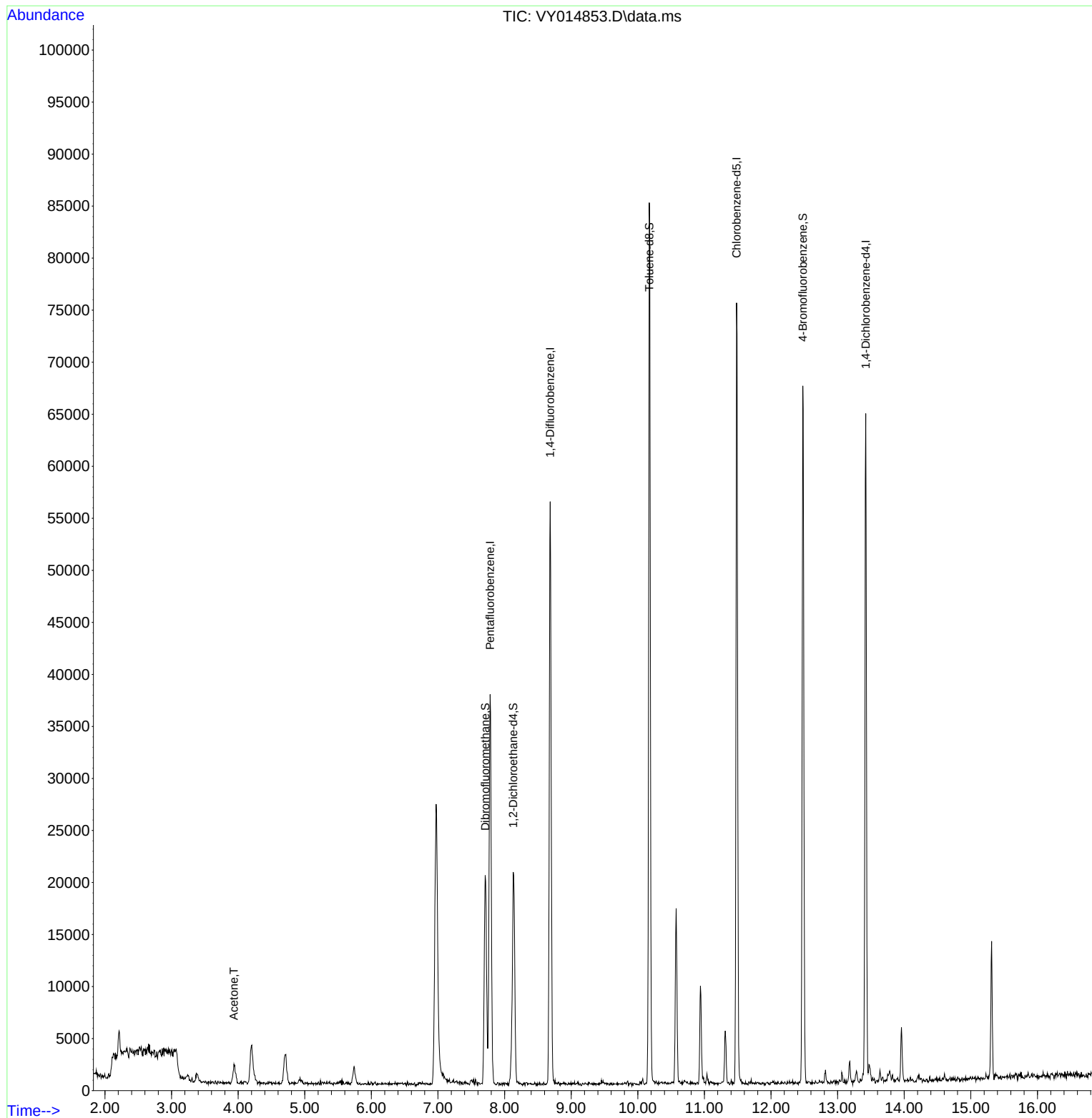
Internal Standards						
1) Pentafluorobenzene	7.783	168	29575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	48929	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	41647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	17054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	15500	45.992	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.980%
35) Dibromofluoromethane	7.710	113	14604	46.887	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.780%
50) Toluene-d8	10.173	98	56383	49.100	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.200%
62) 4-Bromofluorobenzene	12.477	95	17258	39.195	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.400%
Target Compounds						
16) Acetone	3.936	43	3174	29.720	ug/l	Qvalue 94

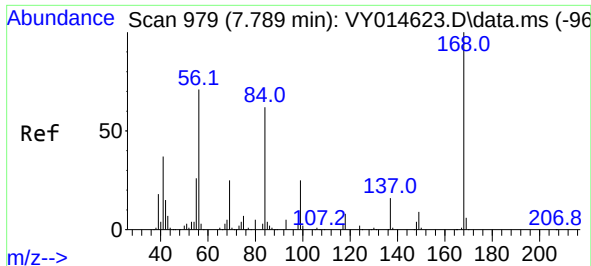
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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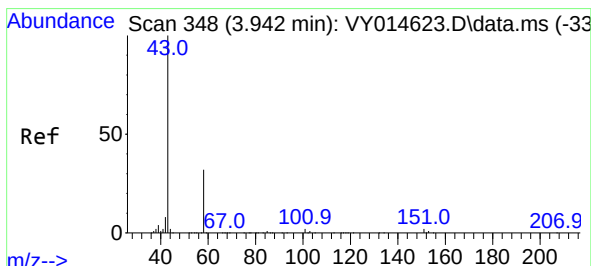
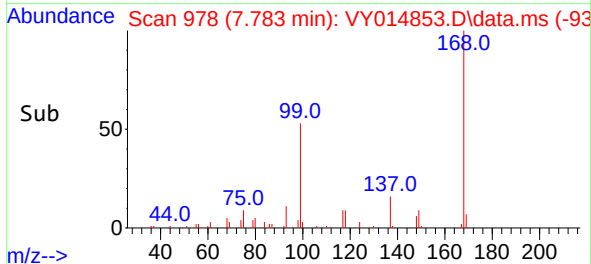
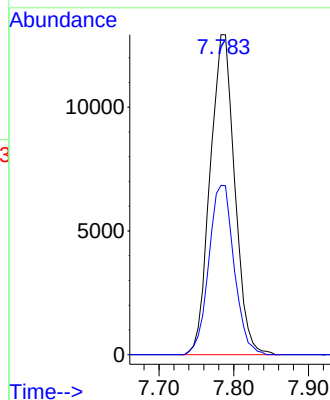
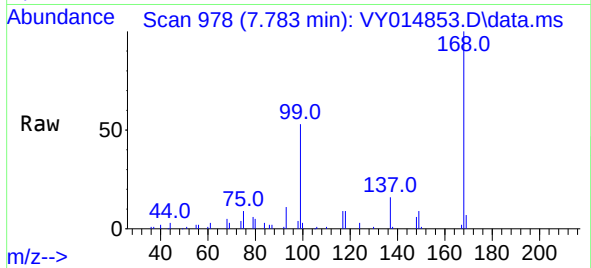




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014853.D
Acq: 26 Jul 2023 16:40

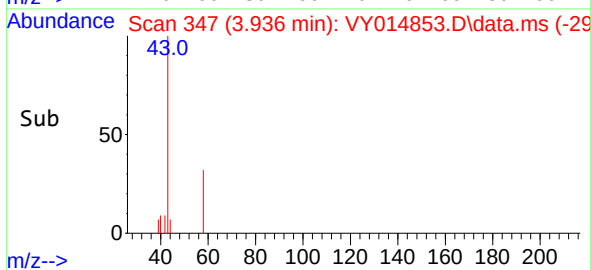
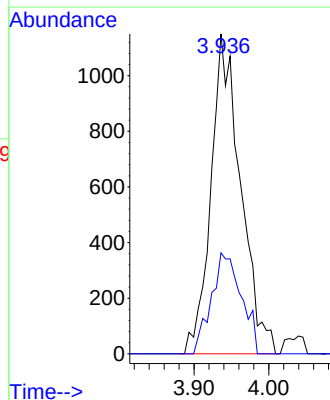
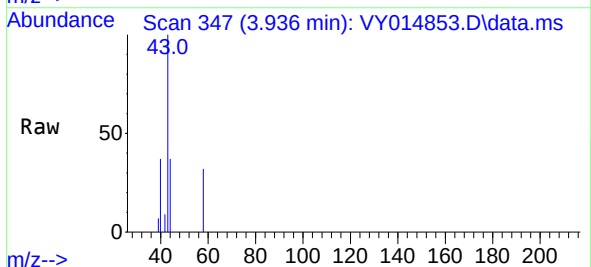
Instrument :
MSVOA_Y
ClientSampleId :
B-P29ARE

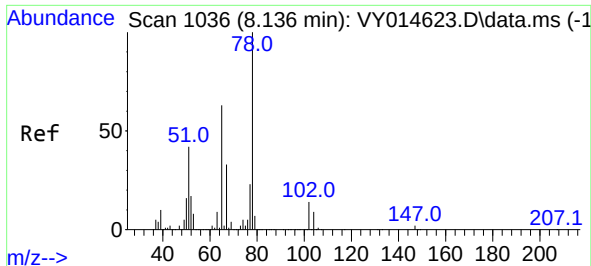
Tgt Ion:168 Resp: 29575
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#16
Acetone
Concen: 29.720 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY014853.D
Acq: 26 Jul 2023 16:40

Tgt Ion: 43 Resp: 3174
Ion Ratio Lower Upper
43 100
58 31.6 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 45.992 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY014853.D

Acq: 26 Jul 2023 16:40

Instrument :

MSVOA_Y

ClientSampleId :

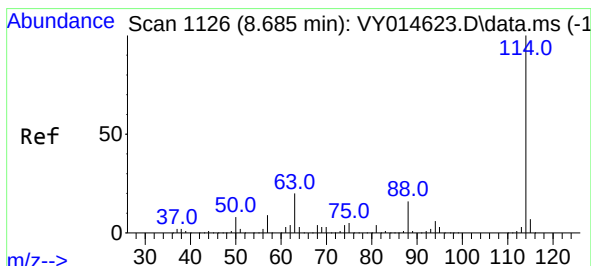
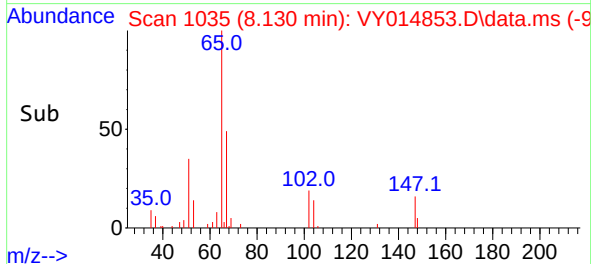
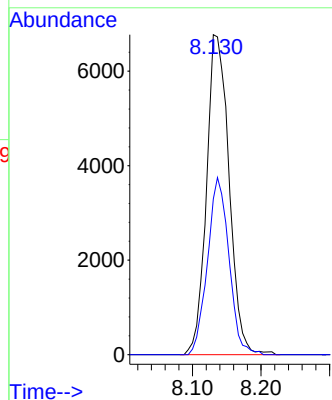
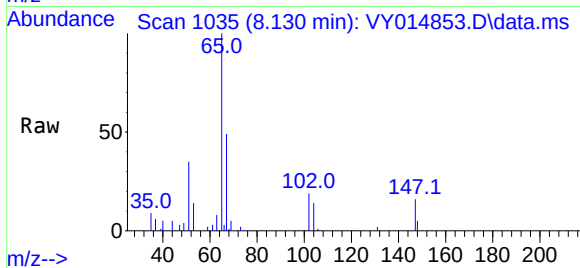
B-P29ARE

Tgt Ion: 65 Resp: 15500

Ion Ratio Lower Upper

65 100

67 52.7 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: VY014853.D

Acq: 26 Jul 2023 16:40

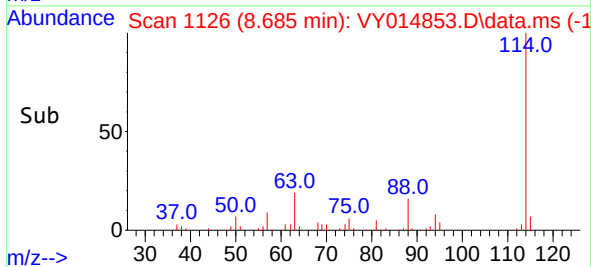
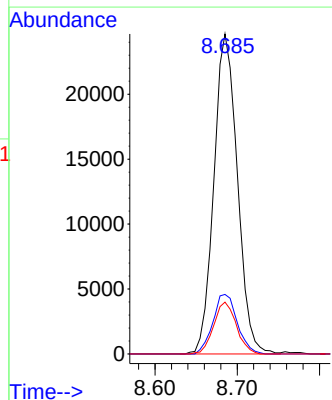
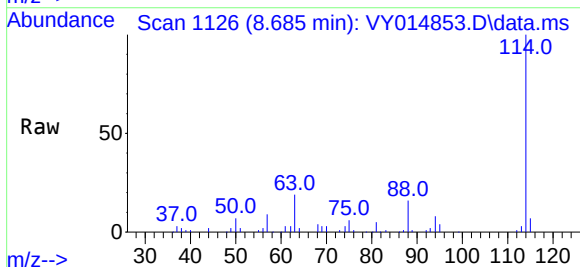
Tgt Ion: 114 Resp: 48929

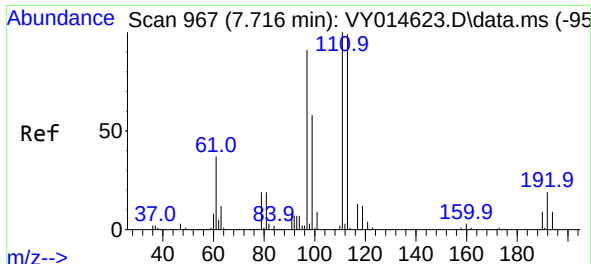
Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

88 16.2 0.0 30.6

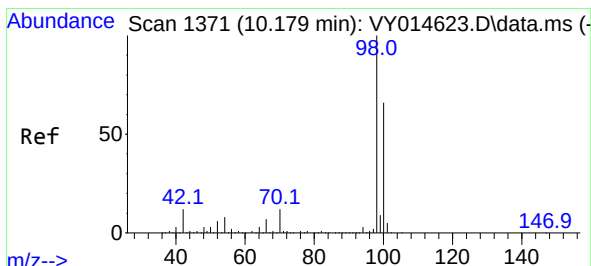
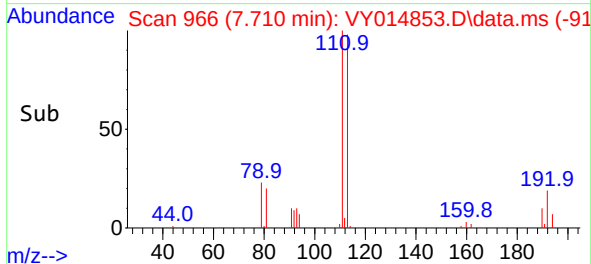
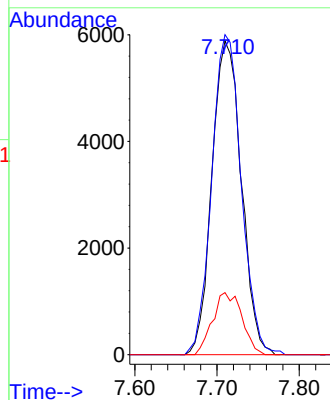
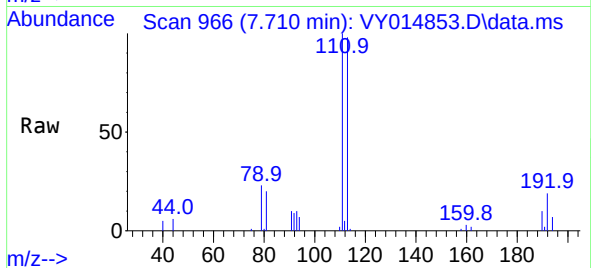




#35
Dibromofluoromethane
Concen: 46.887 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014853.D
Acq: 26 Jul 2023 16:40

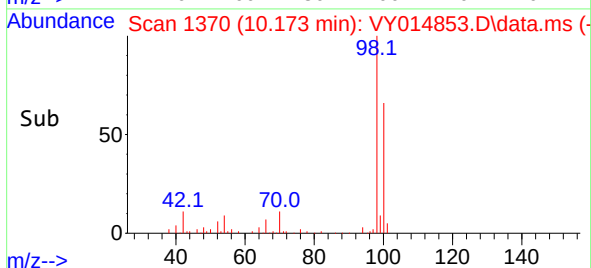
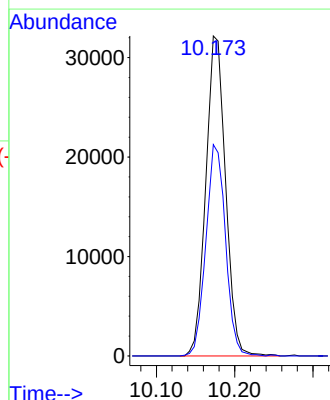
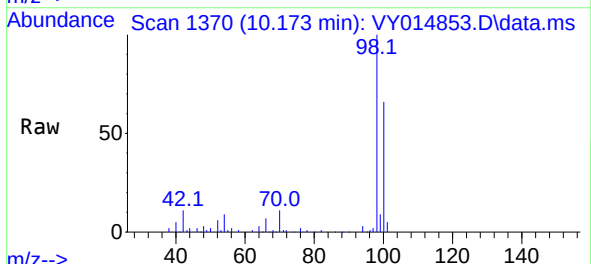
Instrument :
MSVOA_Y
ClientSampleId :
B-P29ARE

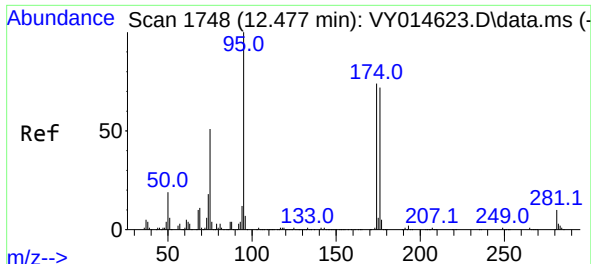
Tgt Ion:113 Resp: 14604
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.8 16.9 25.3



#50
Toluene-d8
Concen: 49.100 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY014853.D
Acq: 26 Jul 2023 16:40

Tgt Ion: 98 Resp: 56383
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

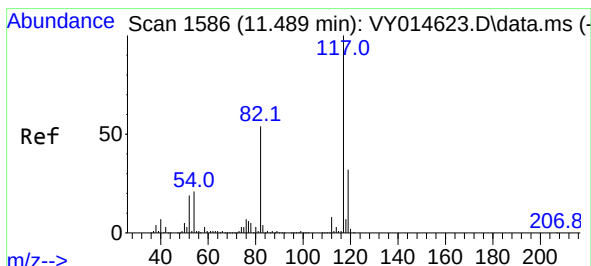
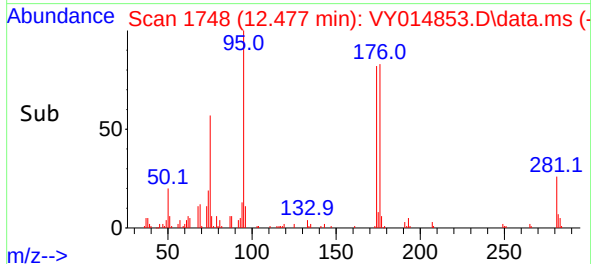
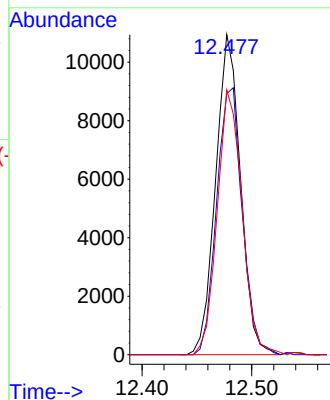
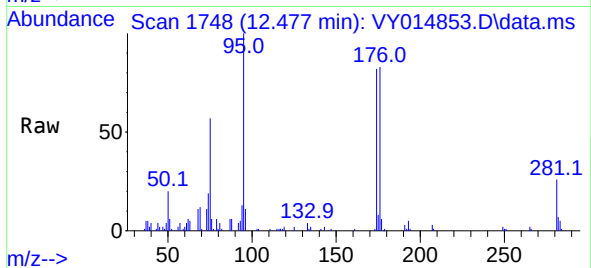




#62
4-Bromofluorobenzene
Concen: 39.195 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014853.D
Acq: 26 Jul 2023 16:40

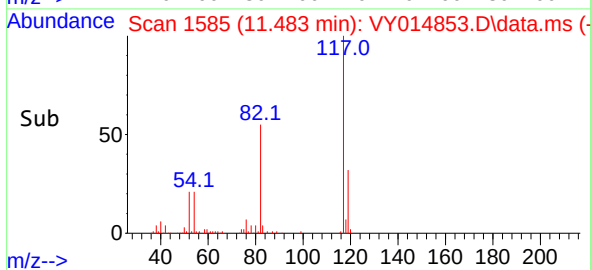
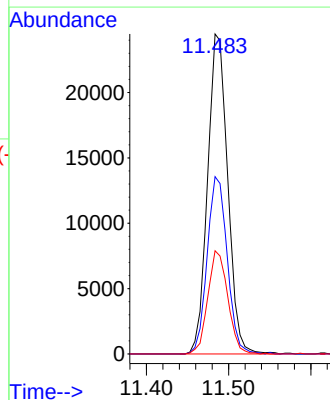
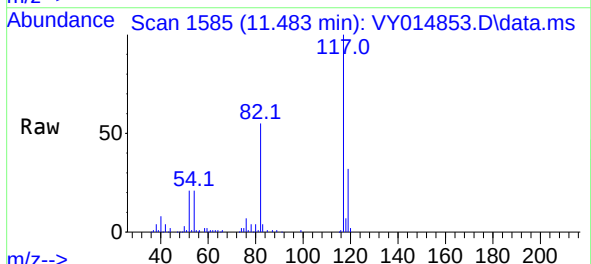
Instrument :
MSVOA_Y
ClientSampleId :
B-P29ARE

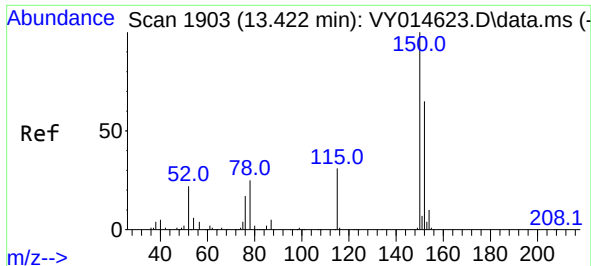
Tgt Ion:	95	Resp:	17258
Ion	Ratio	Lower	Upper
95	100		
174	86.1	0.0	178.2
176	82.5	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY014853.D
Acq: 26 Jul 2023 16:40

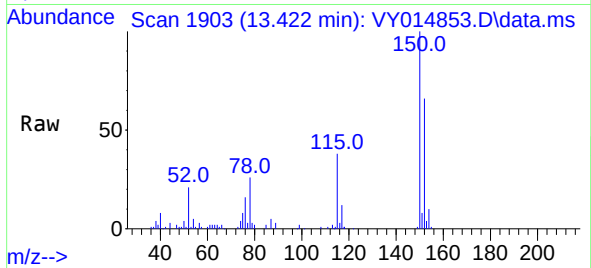
Tgt Ion:	117	Resp:	41647
Ion	Ratio	Lower	Upper
117	100		
82	55.4	43.4	65.0
119	32.3	26.3	39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY014853.D
 Acq: 26 Jul 2023 16:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P29ARE



Tgt Ion:	152	Resp:	17054
Ion	Ratio	Lower	Upper
152	100		
115	59.2	28.8	86.5
150	154.9	0.0	348.8

