

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014892.D
 Acq On : 27 Jul 2023 19:08
 Operator : SY/MD
 Sample : 03756-18
 Misc : 6.28g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RRTP-12-GRAB-24-(3.5-4)

Quant Time: Jul 28 02:39:26 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)

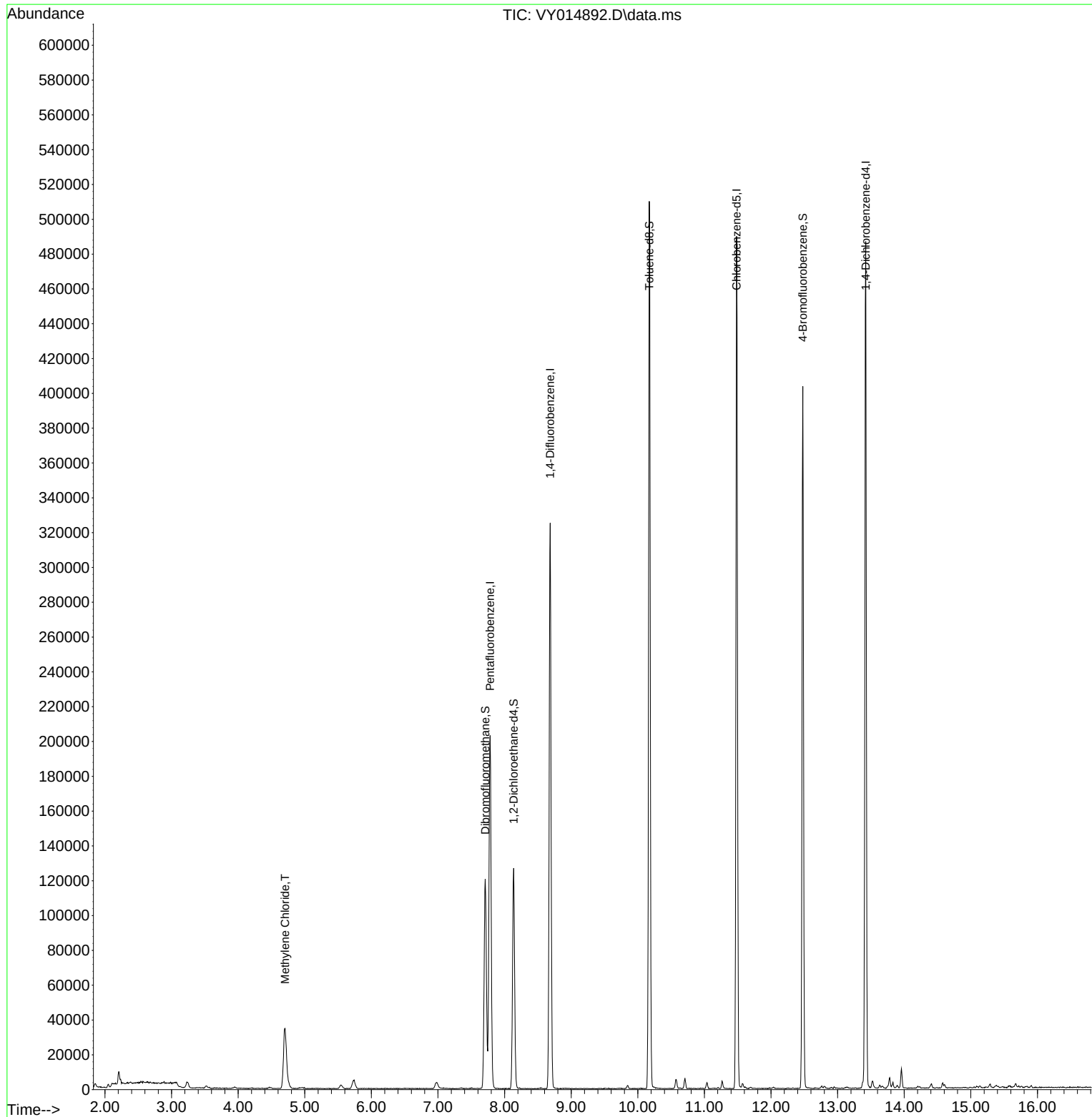
Internal Standards						
1) Pentafluorobenzene	7.783	168	159402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	278375	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	264077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	122870	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	96991	53.396	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	106.800%	
35) Dibromofluoromethane	7.710	113	85575	48.291	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	96.580%	
50) Toluene-d8	10.173	98	331920	50.805	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	101.600%	
62) 4-Bromofluorobenzene	12.477	95	117280	46.817	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	93.640%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	26641	10.949	ug/l	86

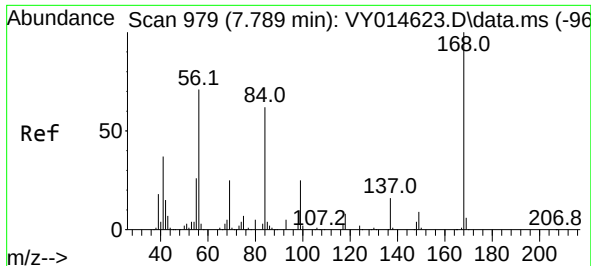
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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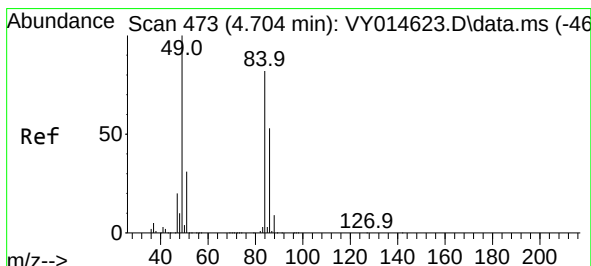
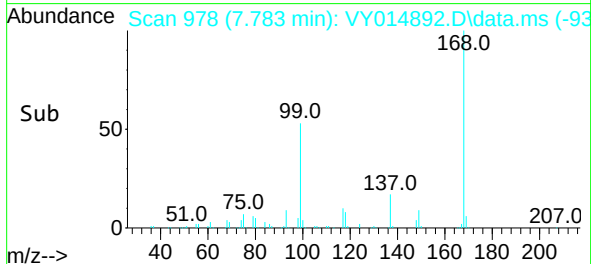
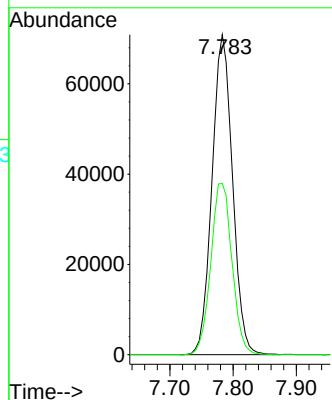
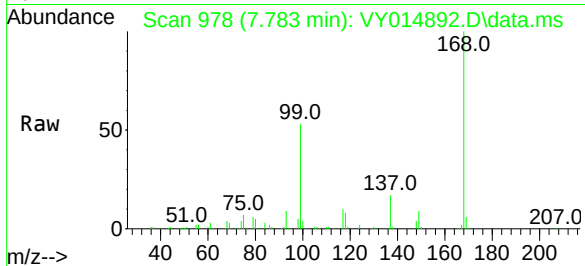




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014892.D
Acq: 27 Jul 2023 19:08

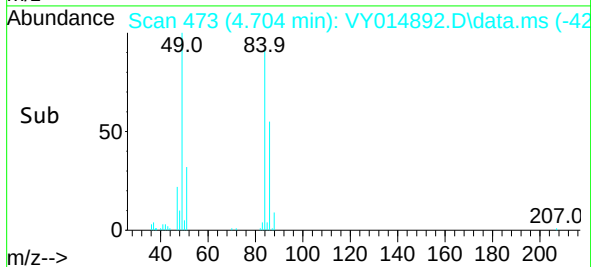
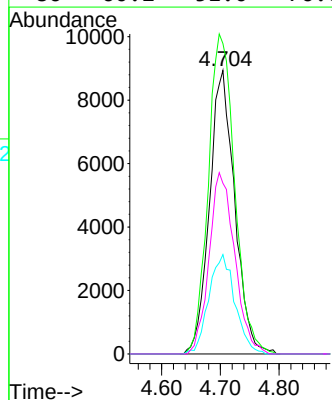
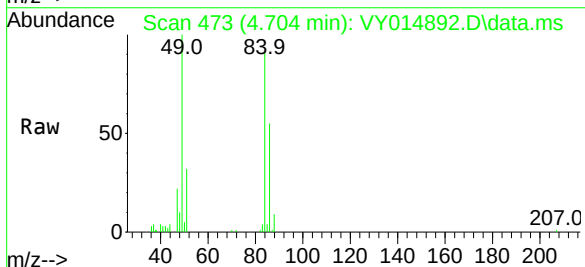
Instrument :
MSVOA_Y
ClientSampleId :
RRTP-12-GRAB-24-(3.5-4)

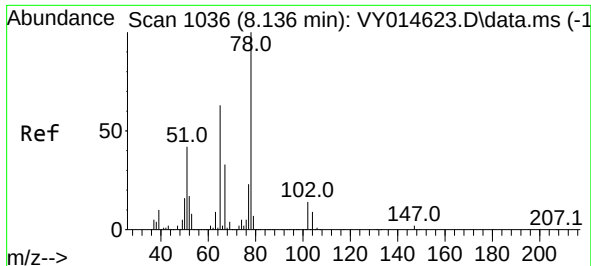
Tgt Ion:168 Resp: 159402
Ion Ratio Lower Upper
168 100
99 53.5 43.4 65.0



#20
Methylene Chloride
Concen: 10.949 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014892.D
Acq: 27 Jul 2023 19:08

Tgt Ion: 84 Resp: 26641
Ion Ratio Lower Upper
84 100
49 109.5 106.9 160.3
51 35.1 33.2 49.8
86 60.2 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 53.396 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014892.D

Acq: 27 Jul 2023 19:08

Instrument :

MSVOA_Y

ClientSampleId :

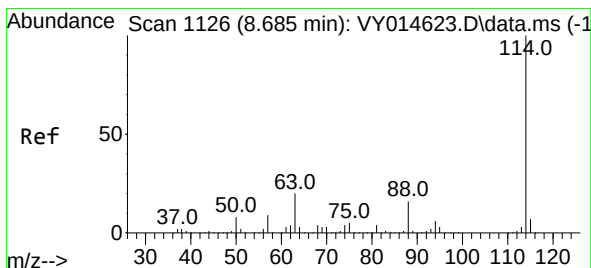
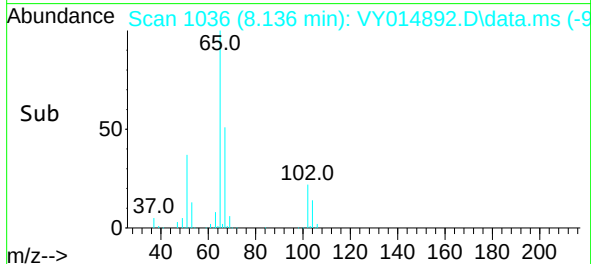
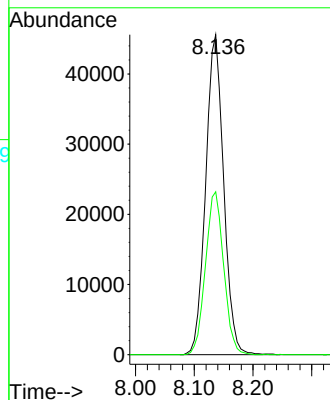
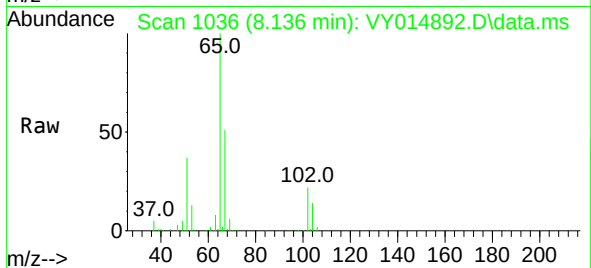
RRTP-12-GRAB-24-(3.5-4)

Tgt Ion: 65 Resp: 96991

Ion Ratio Lower Upper

65 100

67 51.6 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: VY014892.D

Acq: 27 Jul 2023 19:08

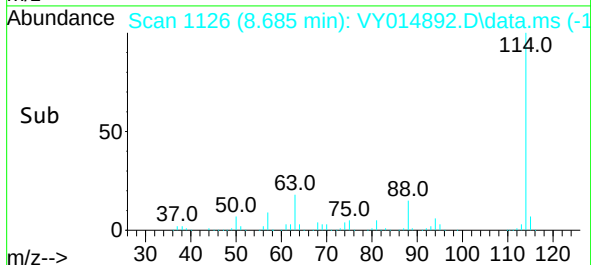
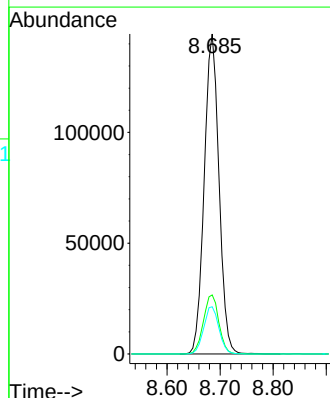
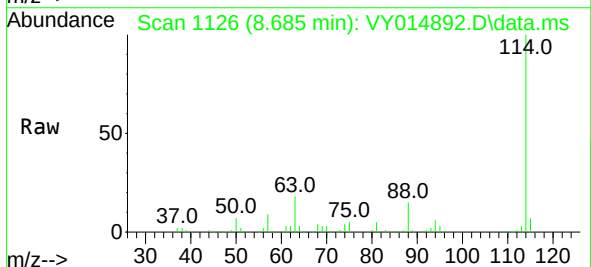
Tgt Ion: 114 Resp: 278375

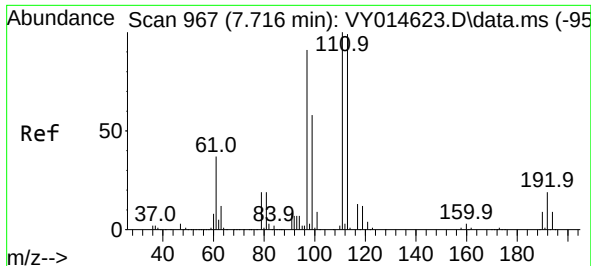
Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 14.8 0.0 30.6

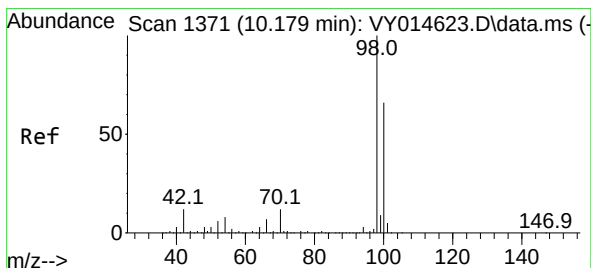
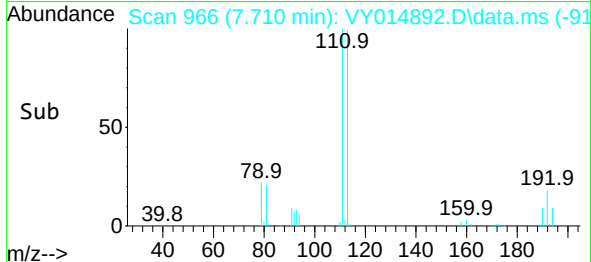
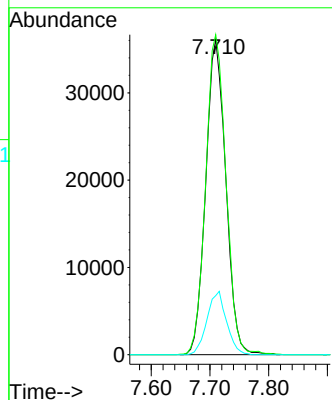
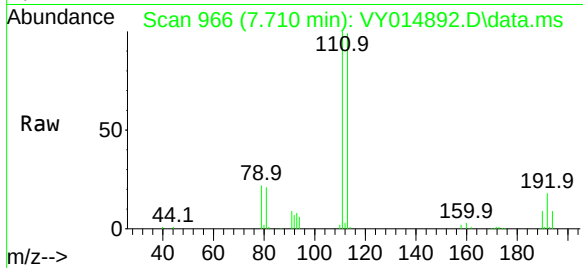




#35
Dibromofluoromethane
Concen: 48.291 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014892.D
Acq: 27 Jul 2023 19:08

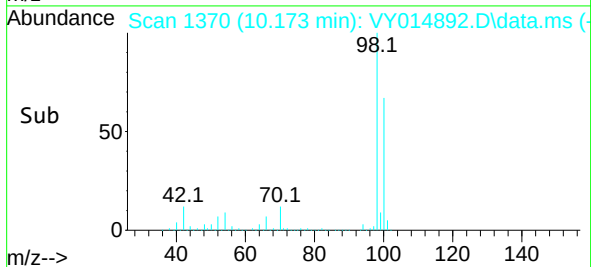
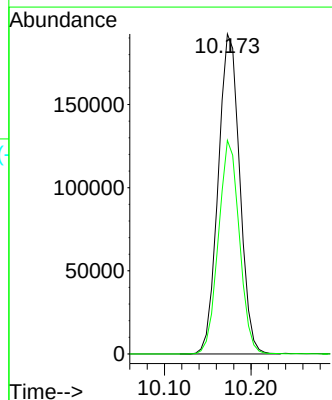
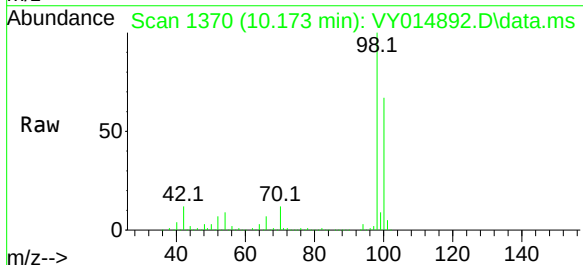
Instrument :
MSVOA_Y
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RRTP-12-GRAB-24-(3.5-4)

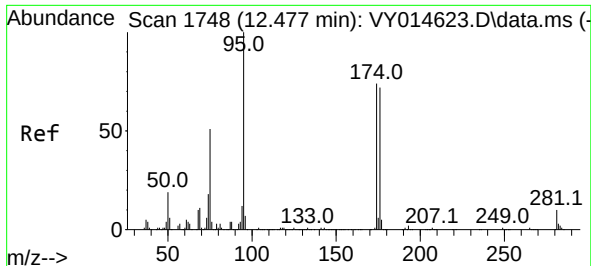
Tgt Ion:113 Resp: 85575
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 19.5 16.9 25.3



#50
Toluene-d8
Concen: 50.805 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY014892.D
Acq: 27 Jul 2023 19:08

Tgt Ion: 98 Resp: 331920
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1

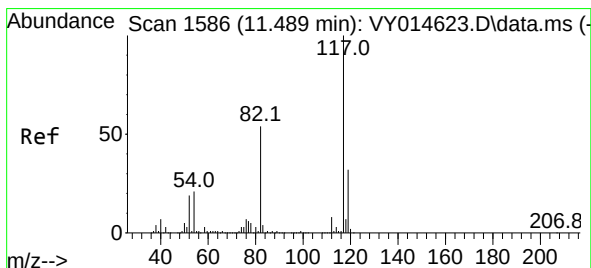
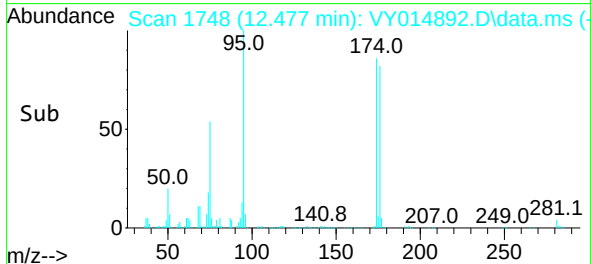
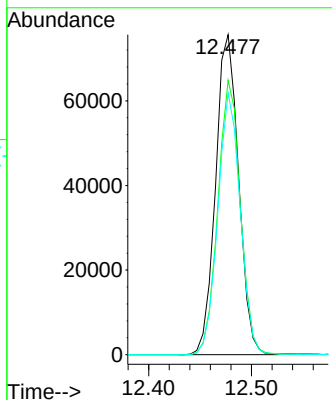
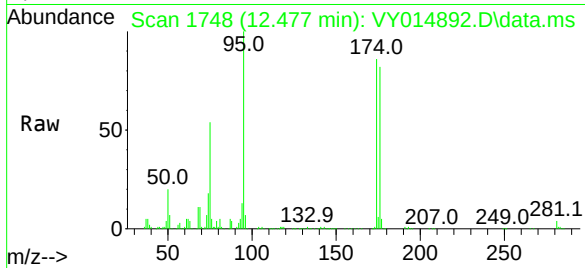




#62
4-Bromofluorobenzene
Concen: 46.817 ug/l
RT: 12.477 min Scan# 117280
Delta R.T. 0.000 min
Lab File: VY014892.D
Acq: 27 Jul 2023 19:08

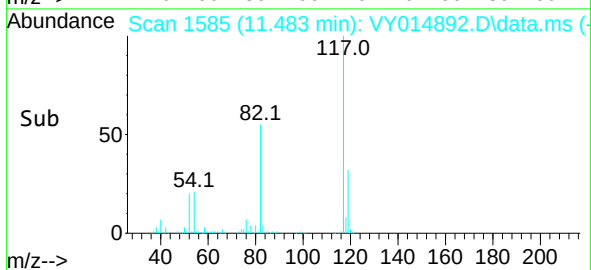
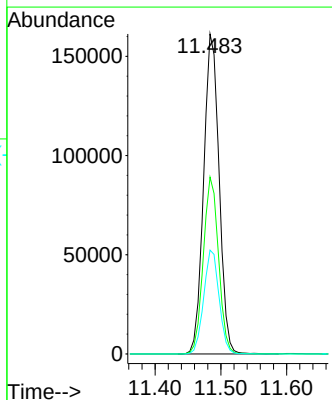
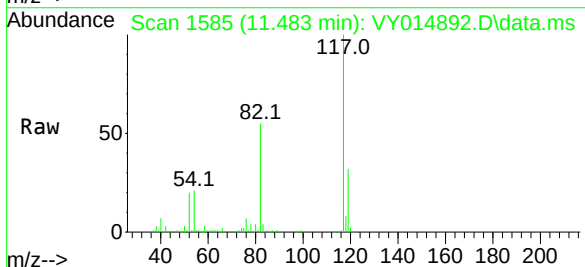
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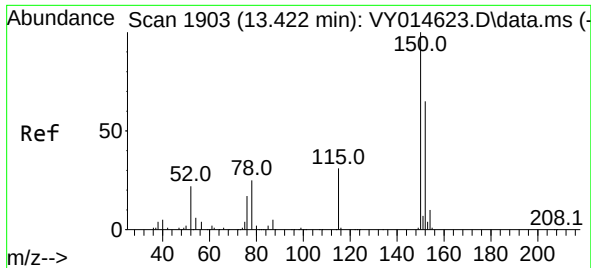
Tgt Ion:	95	Resp:	117280
Ion	Ratio	Lower	Upper
95	100		
174	84.1	0.0	178.2
176	79.9	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY014892.D
Acq: 27 Jul 2023 19:08

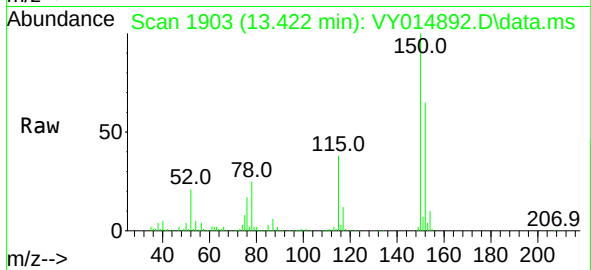
Tgt Ion:	117	Resp:	264077
Ion	Ratio	Lower	Upper
117	100		
82	55.3	43.4	65.0
119	32.5	26.3	39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY014892.D
 Acq: 27 Jul 2023 19:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 RRTP-12-GRAB-24-(3.5-4)



Tgt Ion:	152	Resp:	122870
Ion Ratio	Lower	Upper	
152	100		
115	58.7	28.8	86.5
150	155.8	0.0	348.8

