

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014881.D
 Acq On : 27 Jul 2023 14:43
 Operator : SY/MD
 Sample : 03756-02
 Misc : 4.43g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RPTP-11-GRAB-21-(2-2.5)

Quant Time: Jul 28 02:37:54 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)

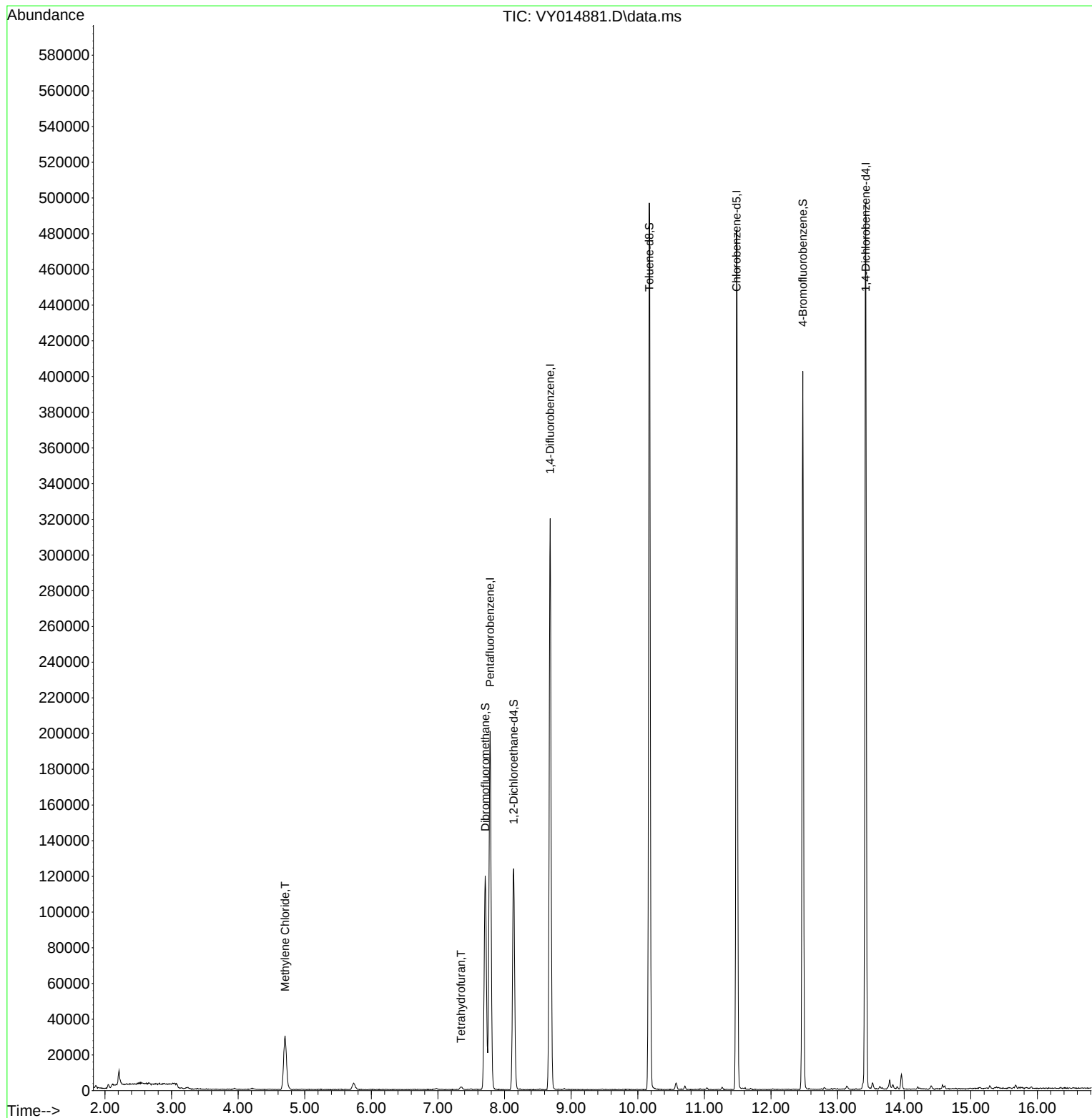
Internal Standards						
1) Pentafluorobenzene	7.783	168	152912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	271583	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	259314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	124603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	97337	55.861	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.720%
35) Dibromofluoromethane	7.710	113	83858	48.506	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.020%
50) Toluene-d8	10.173	98	323053	50.684	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.360%
62) 4-Bromofluorobenzene	12.477	95	119127	48.743	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.480%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	22448	9.056	ug/l	91
29) Tetrahydrofuran	7.344	42	1330	2.674	ug/l	90

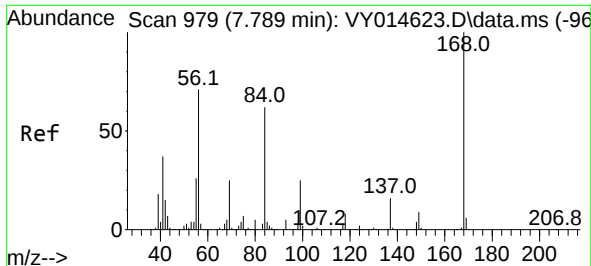
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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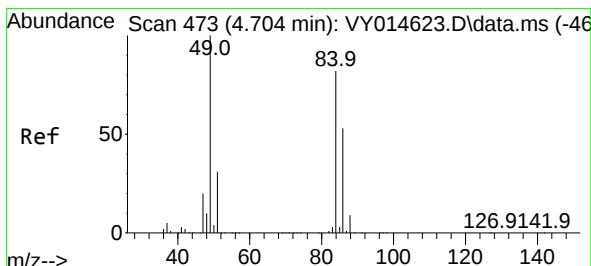
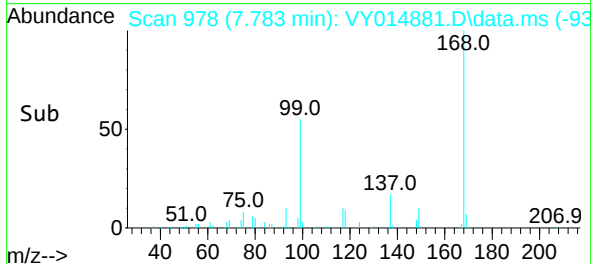
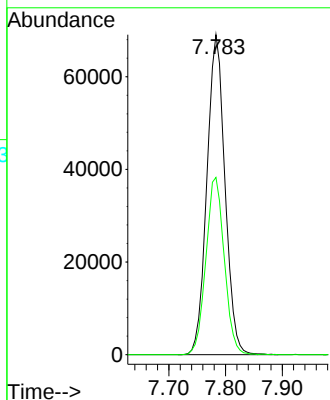
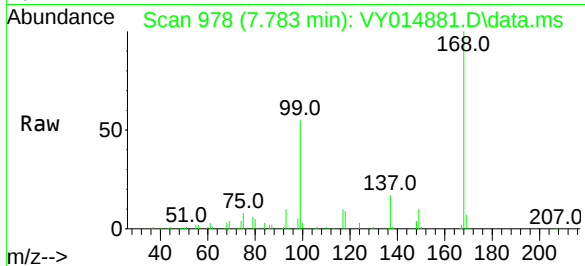




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014881.D
Acq: 27 Jul 2023 14:43

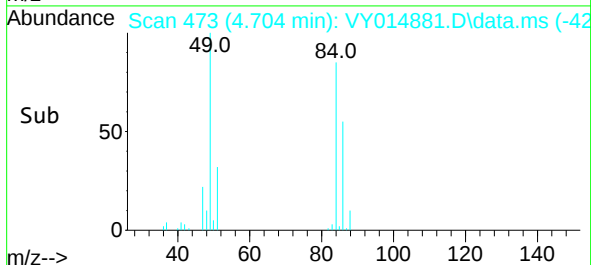
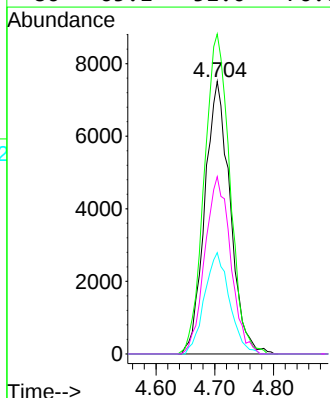
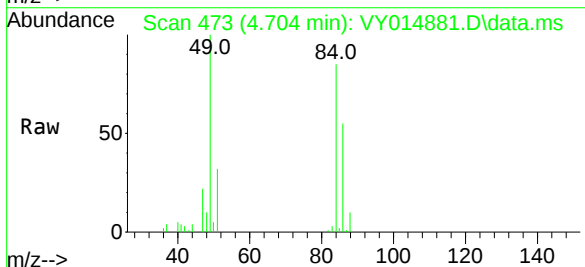
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-11-GRAB-21-(2-2.5)

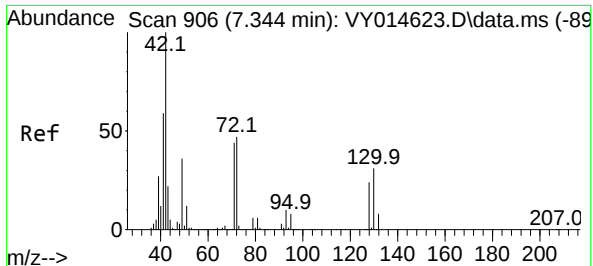
Tgt Ion:168 Resp: 152912
Ion Ratio Lower Upper
168 100
99 55.4 43.4 65.0



#20
Methylene Chloride
Concen: 9.056 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014881.D
Acq: 27 Jul 2023 14:43

Tgt Ion: 84 Resp: 22448
Ion Ratio Lower Upper
84 100
49 117.4 106.9 160.3
51 37.2 33.2 49.8
86 65.1 51.0 76.6





#29

Tetrahydrofuran

Concen: 2.674 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY014881.D

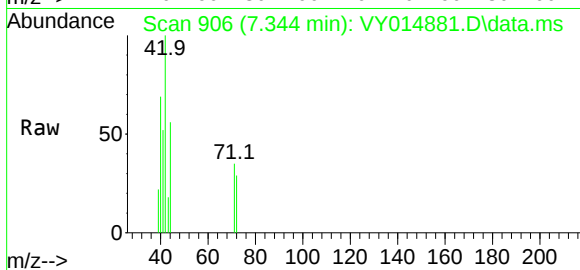
Acq: 27 Jul 2023 14:43

Instrument :

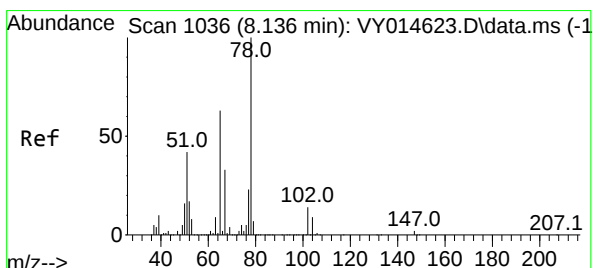
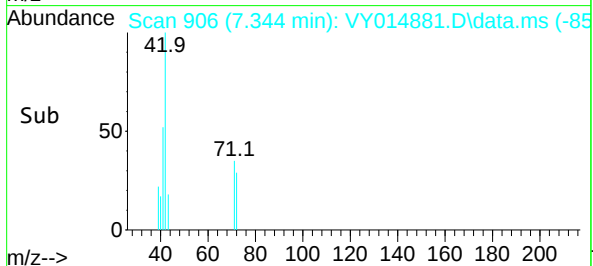
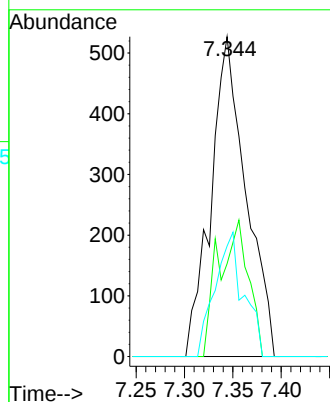
MSVOA_Y

ClientSampleId :

RPTP-11-GRAB-21-(2-2.5)



Tgt Ion:	42	Resp:	1330
Ion	Ratio	Lower	Upper
42	100		
72	36.3	32.8	49.2
71	31.6	31.0	46.4



#33

1,2-Dichloroethane-d4

Concen: 55.861 ug/l

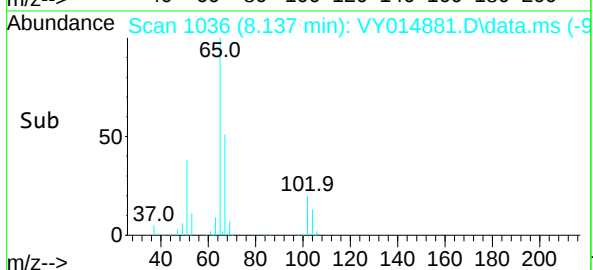
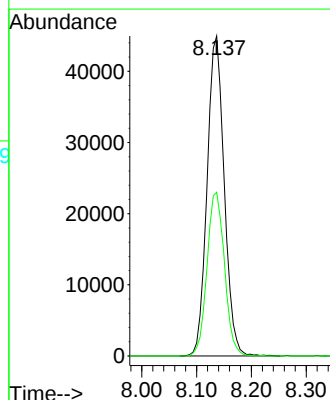
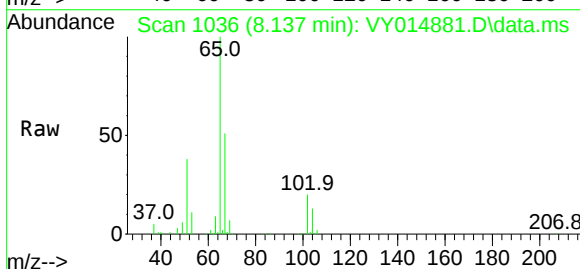
RT: 8.137 min Scan# 1036

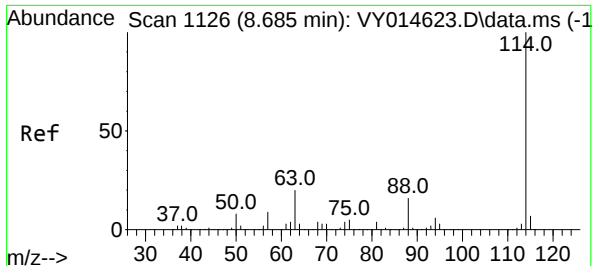
Delta R.T. 0.001 min

Lab File: VY014881.D

Acq: 27 Jul 2023 14:43

Tgt Ion:	65	Resp:	97337
Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	101.8

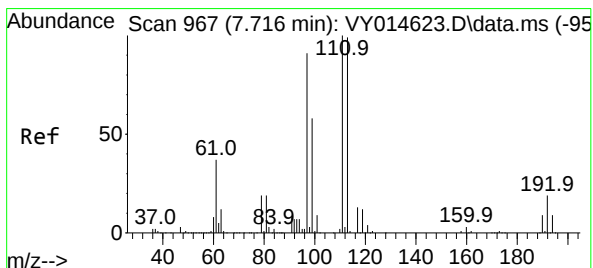
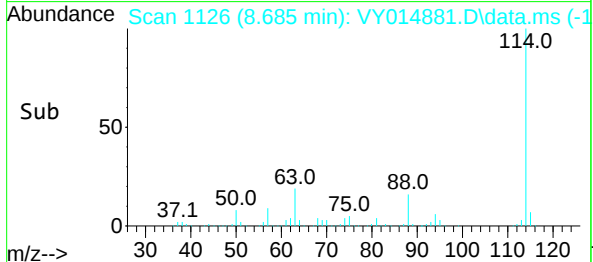
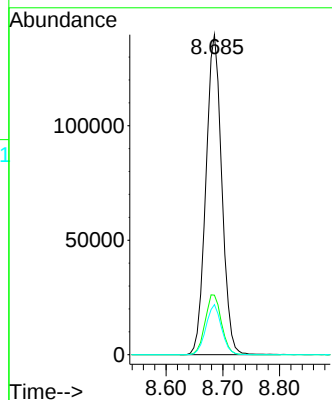
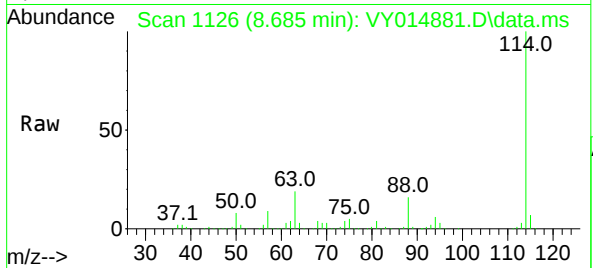




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014881.D
Acq: 27 Jul 2023 14:43

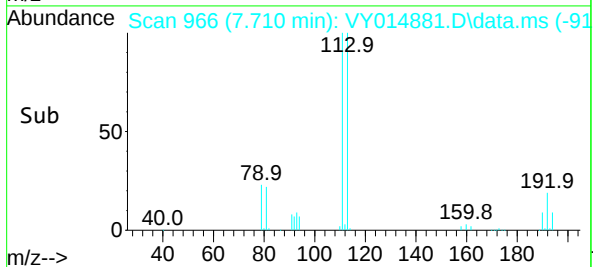
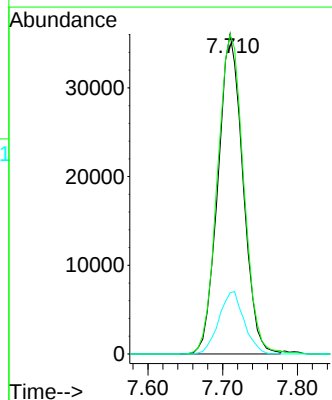
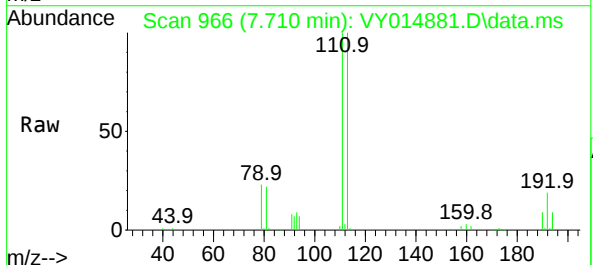
Instrument :
MSVOA_Y
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RPTP-11-GRAB-21-(2-2.5)

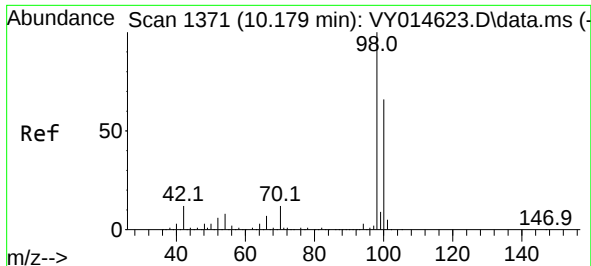
Tgt Ion:	114	Resp:	271583
Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	42.4
88	15.6	0.0	30.6



#35
Dibromofluoromethane
Concen: 48.506 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014881.D
Acq: 27 Jul 2023 14:43

Tgt Ion:	113	Resp:	83858
Ion	Ratio	Lower	Upper
113	100		
111	104.9	81.3	121.9
192	19.7	16.9	25.3

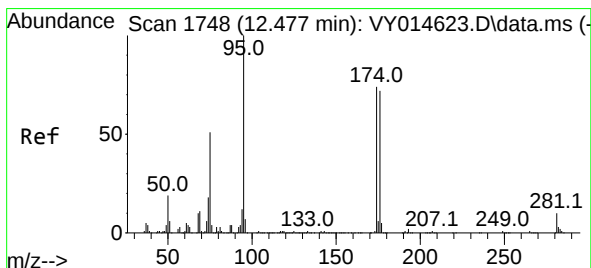
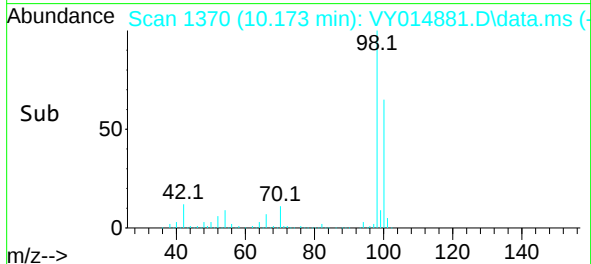
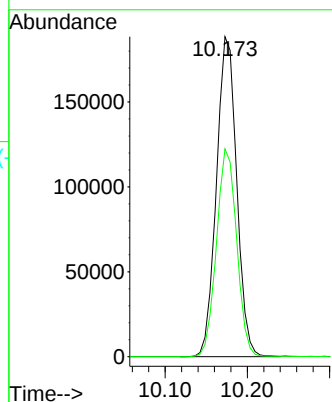
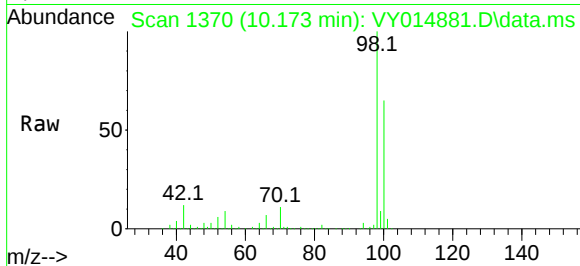




#50
Toluene-d8
Concen: 50.684 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014881.D
Acq: 27 Jul 2023 14:43

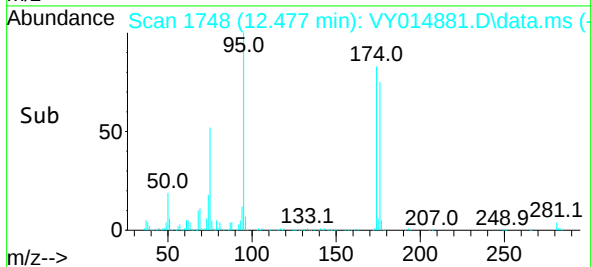
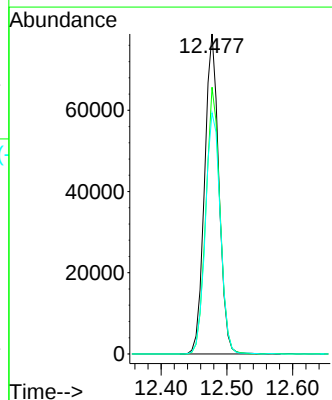
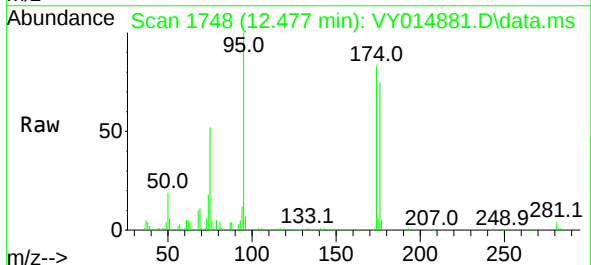
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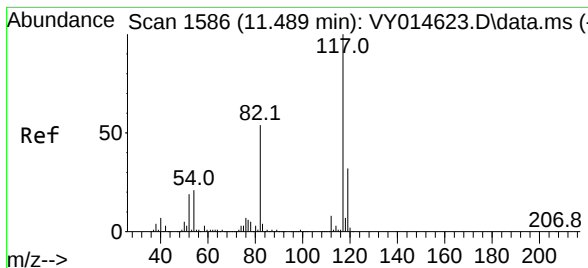
Tgt Ion: 98 Resp: 323053
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.743 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014881.D
Acq: 27 Jul 2023 14:43

Tgt Ion: 95 Resp: 119127
Ion Ratio Lower Upper
95 100
174 82.2 0.0 178.2
176 78.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.484 min Scan# 11

Delta R.T. -0.005 min

Lab File: VY014881.D

Acq: 27 Jul 2023 14:43

Instrument :

MSVOA_Y

ClientSampleId :

RPTP-11-GRAB-21-(2-2.5)

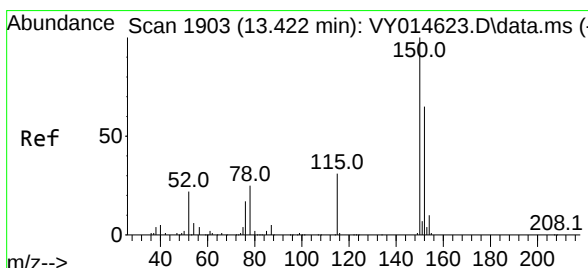
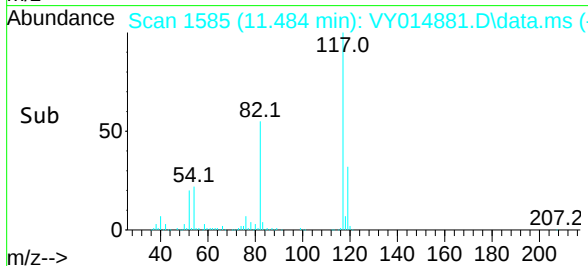
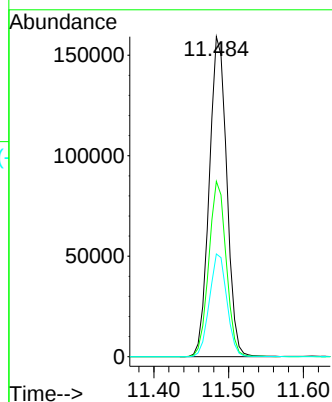
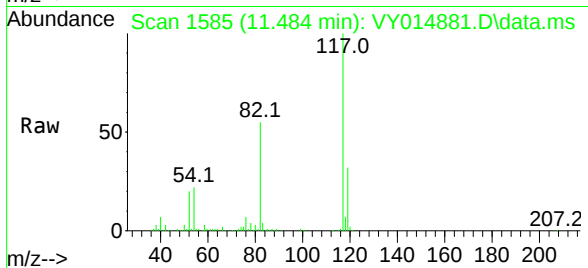
Tgt Ion:117 Resp: 259314

Ion Ratio Lower Upper

117 100

82 54.8 43.4 65.0

119 32.1 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: VY014881.D

Acq: 27 Jul 2023 14:43

Tgt Ion:152 Resp: 124603

Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 156.3 0.0 348.8

