

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014890.D
 Acq On : 27 Jul 2023 18:20
 Operator : SY/MD
 Sample : 03756-15
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RRTP-13-GRAB-26-(3.5-4)

Quant Time: Jul 28 02:39:08 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)

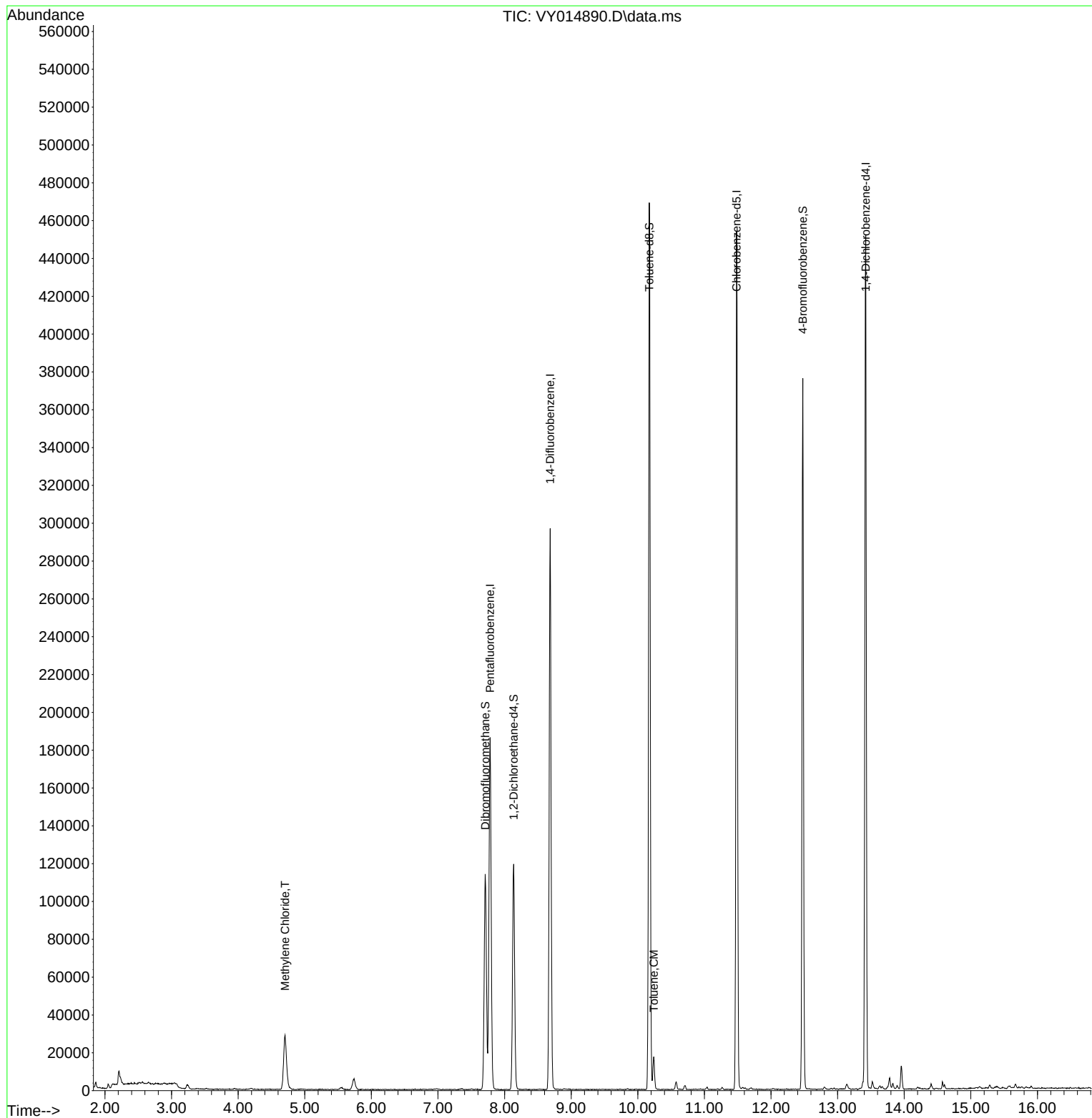
Internal Standards						
1) Pentafluorobenzene	7.783	168	143968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	254384	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	244424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	115892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	91948	56.046	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.100%			
35) Dibromofluoromethane	7.710	113	80023	49.417	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.840%			
50) Toluene-d8	10.173	98	301353	50.476	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.960%			
62) 4-Bromofluorobenzene	12.477	95	110928	48.457	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 96.920%			
Target Compounds						
20) Methylene Chloride	4.704	84	21395	9.225	ug/l	92
52) Toluene	10.240	92	7098	1.611	ug/l	94

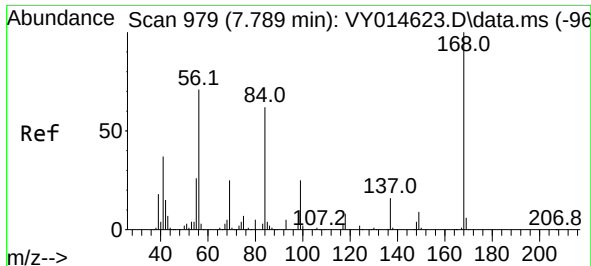
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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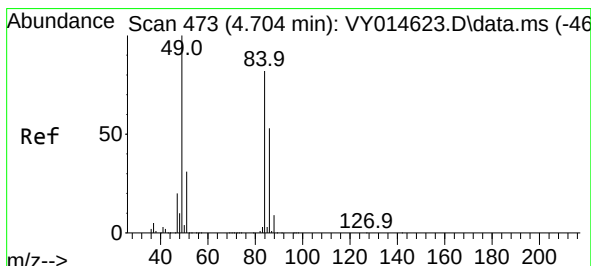
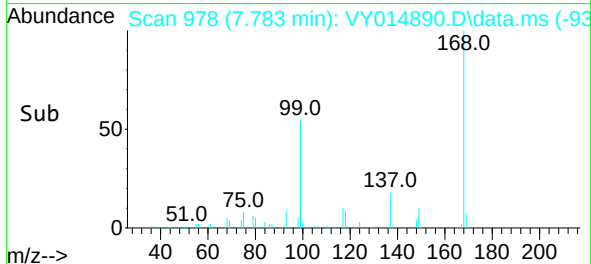
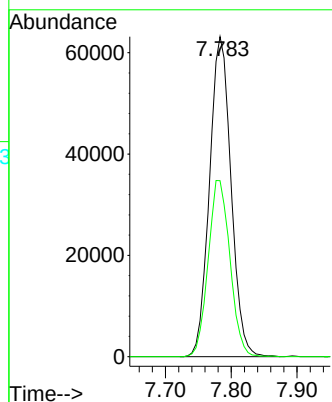
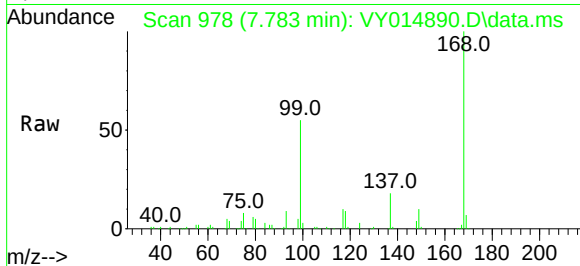




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014890.D
Acq: 27 Jul 2023 18:20

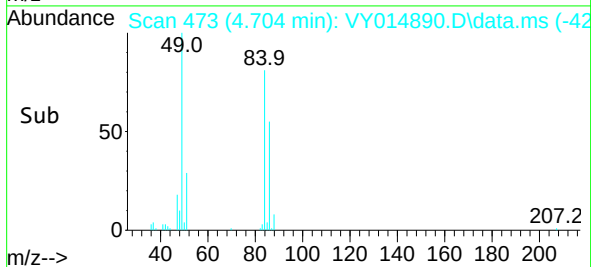
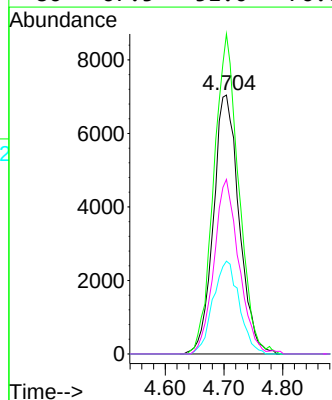
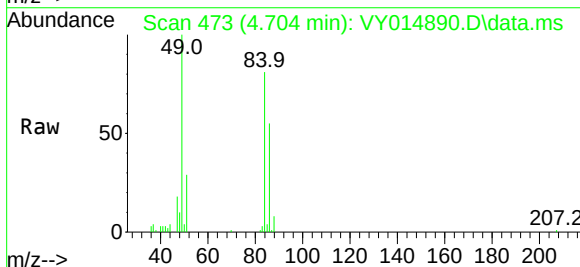
Instrument :
MSVOA_Y
ClientSampleId :
RRTP-13-GRAB-26-(3.5-4)

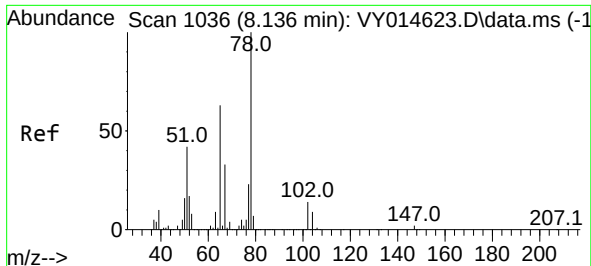
Tgt Ion:168 Resp: 143968
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0



#20
Methylene Chloride
Concen: 9.225 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014890.D
Acq: 27 Jul 2023 18:20

Tgt Ion: 84 Resp: 21395
Ion Ratio Lower Upper
84 100
49 123.6 106.9 160.3
51 35.9 33.2 49.8
86 67.5 51.0 76.6

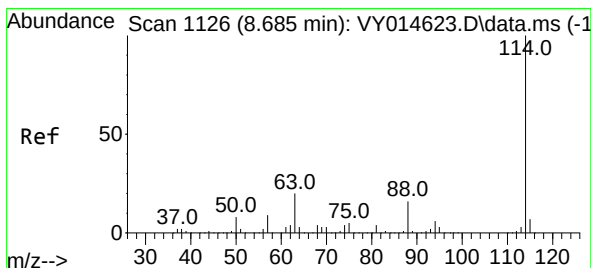
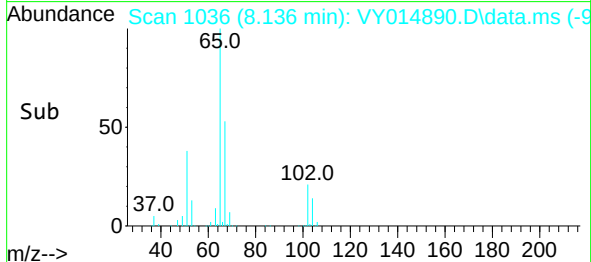
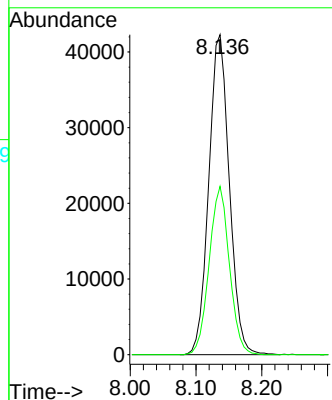
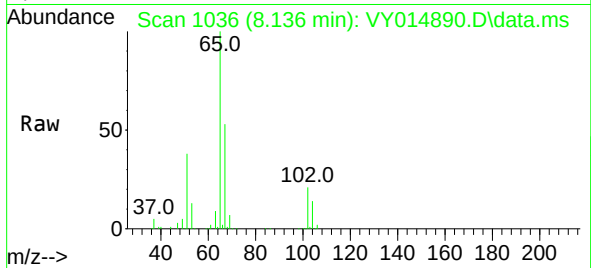




#33
 1,2-Dichloroethane-d4
 Concen: 56.046 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY014890.D
 Acq: 27 Jul 2023 18:20

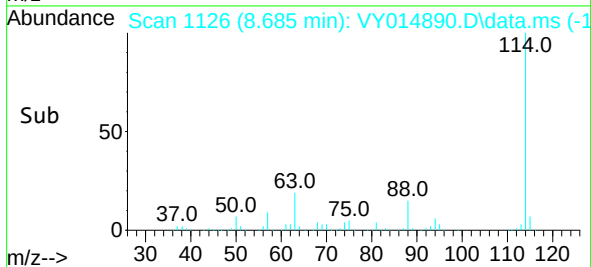
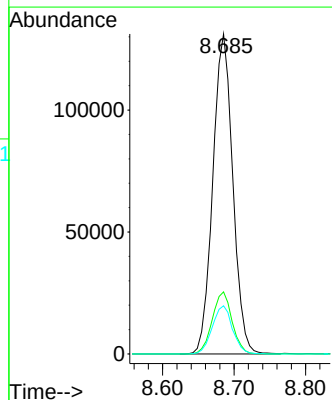
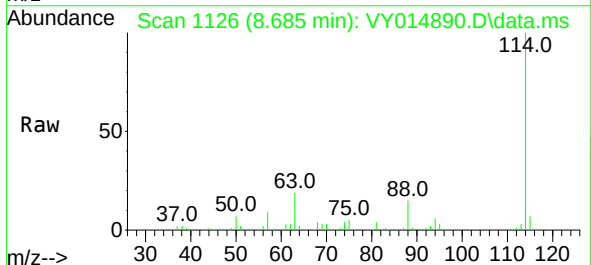
Instrument :
 MSVOA_Y
 ClientSampleId :
 RRTP-13-GRAB-26-(3.5-4)

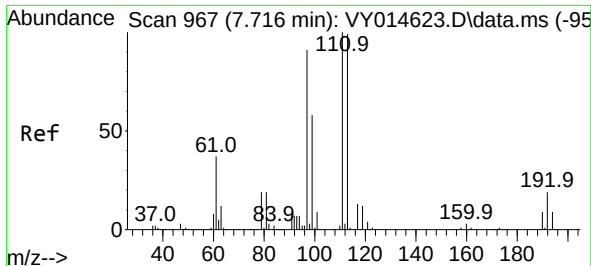
Tgt Ion: 65 Resp: 91948
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY014890.D
 Acq: 27 Jul 2023 18:20

Tgt Ion: 114 Resp: 254384
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 42.4
 88 15.0 0.0 30.6

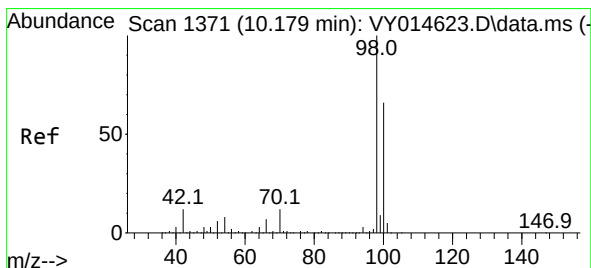
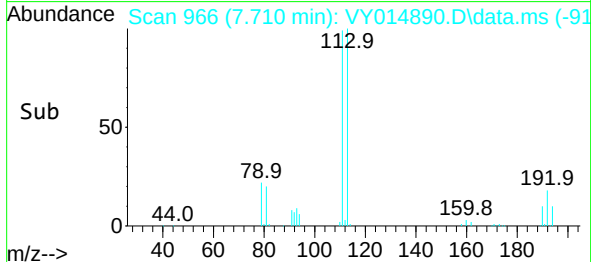
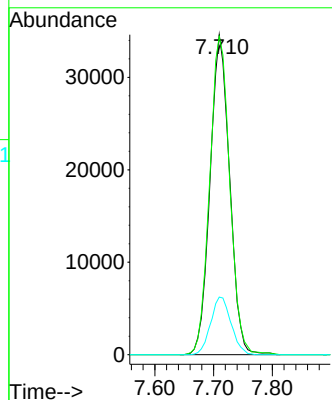
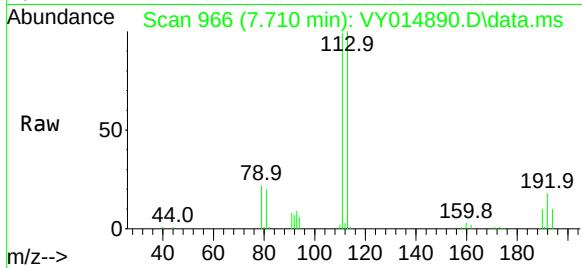




#35
 Dibromofluoromethane
 Concen: 49.417 ug/l
 RT: 7.710 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VY014890.D
 Acq: 27 Jul 2023 18:20

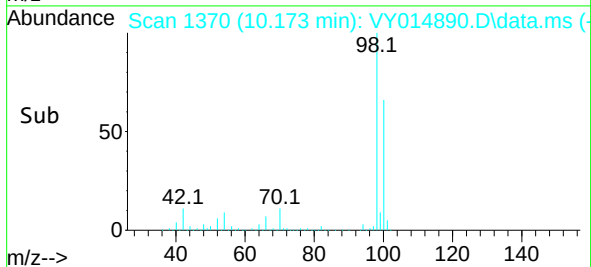
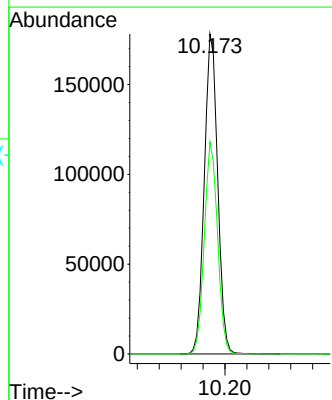
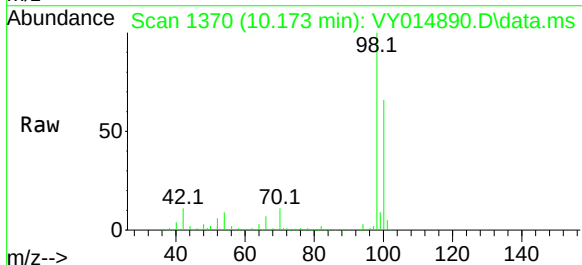
Instrument :
 MSVOA_Y
 ClientSampleId :
 RRTP-13-GRAB-26-(3.5-4)

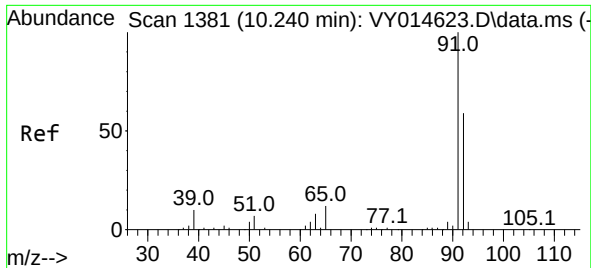
Tgt Ion:	113	Resp:	80023
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.3	121.9
192	18.8	16.9	25.3



#50
 Toluene-d8
 Concen: 50.476 ug/l
 RT: 10.173 min Scan# 1370
 Delta R.T. -0.006 min
 Lab File: VY014890.D
 Acq: 27 Jul 2023 18:20

Tgt Ion:	98	Resp:	301353
Ion	Ratio	Lower	Upper
98	100		
100	65.8	50.1	75.1

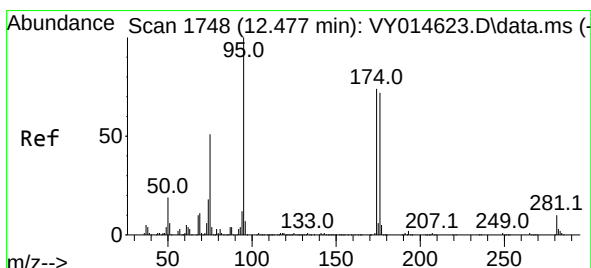
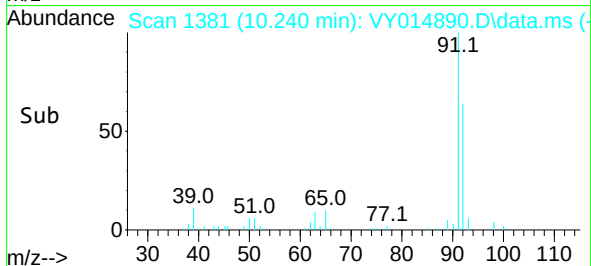
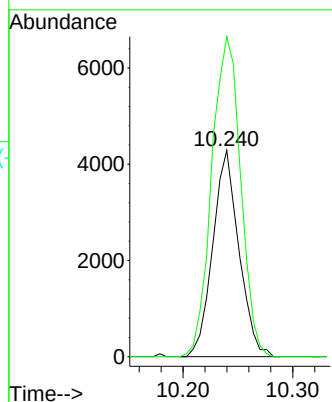
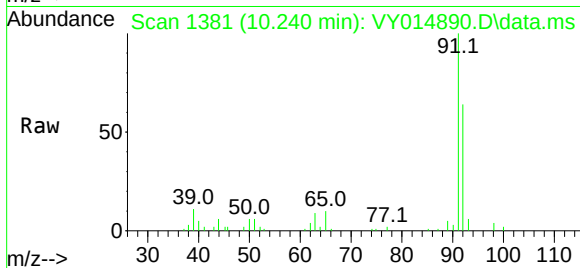




#52
Toluene
Concen: 1.611 ug/l
RT: 10.240 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014890.D
Acq: 27 Jul 2023 18:20

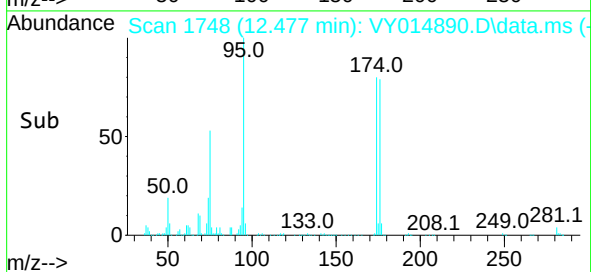
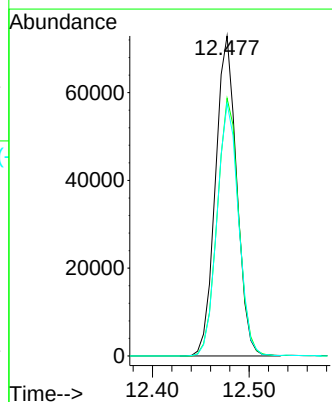
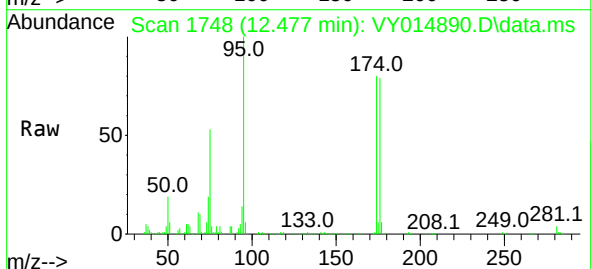
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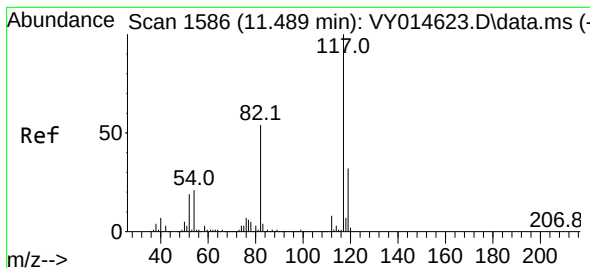
Tgt Ion: 92 Resp: 7098
Ion Ratio Lower Upper
92 100
91 171.7 143.8 215.6



#62
4-Bromofluorobenzene
Concen: 48.457 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014890.D
Acq: 27 Jul 2023 18:20

Tgt Ion: 95 Resp: 110928
Ion Ratio Lower Upper
95 100
174 81.3 0.0 178.2
176 79.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014890.D

Acq: 27 Jul 2023 18:20

Instrument :

MSVOA_Y

ClientSampleId :

RRTP-13-GRAB-26-(3.5-4)

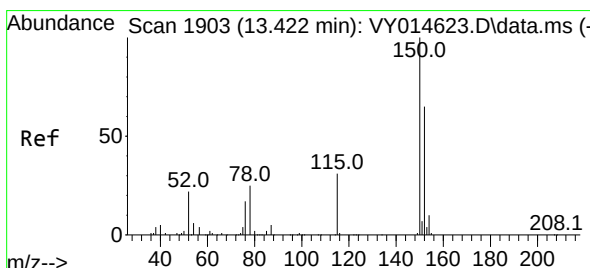
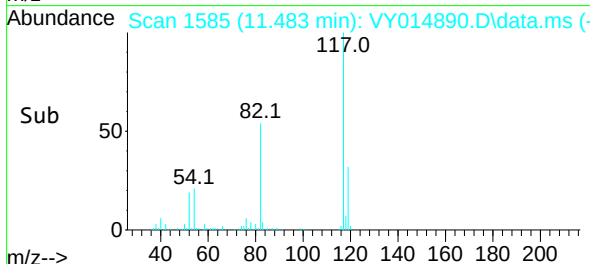
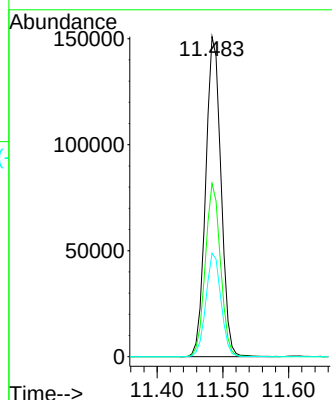
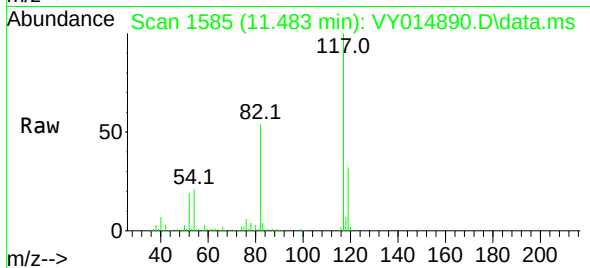
Tgt Ion:117 Resp: 244424

Ion Ratio Lower Upper

117 100

82 54.1 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: VY014890.D

Acq: 27 Jul 2023 18:20

Tgt Ion:152 Resp: 115892

Ion Ratio Lower Upper

152 100

115 59.3 28.8 86.5

150 155.5 0.0 348.8

