

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014885.D
 Acq On : 27 Jul 2023 16:19
 Operator : SY/MD
 Sample : 03756-08
 Misc : 5.55g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RRTP-9-GRAB-17-(2-2.5)

Quant Time: Jul 28 02:38:27 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)

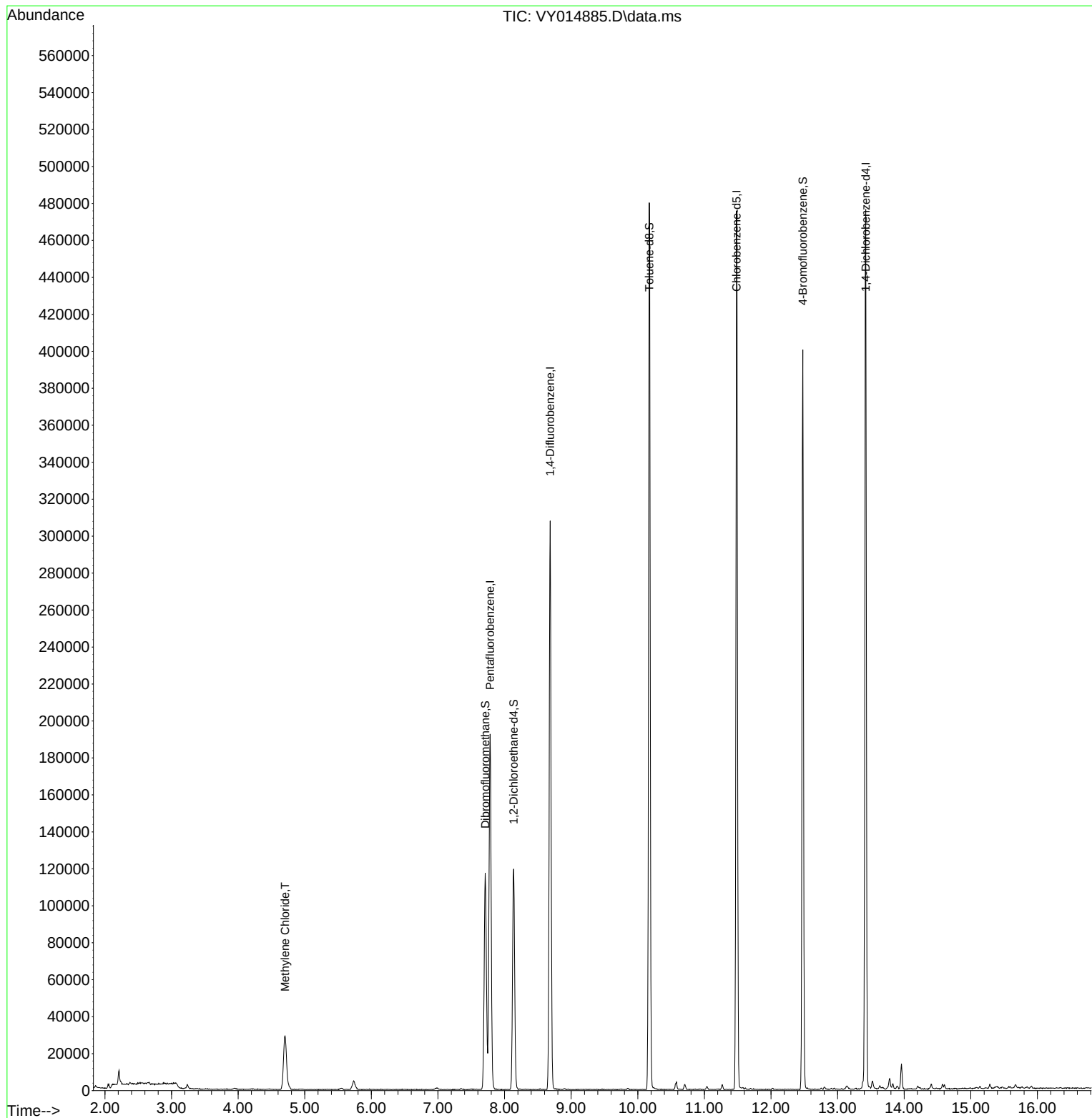
Internal Standards						
1) Pentafluorobenzene	7.783	168	148159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	261208	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	251237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	122520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	95260	56.423	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.840%
35) Dibromofluoromethane	7.710	113	82061	49.351	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.700%
50) Toluene-d8	10.173	98	310708	50.684	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.360%
62) 4-Bromofluorobenzene	12.477	95	115805	49.266	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.540%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	23122	9.918	ug/l	83

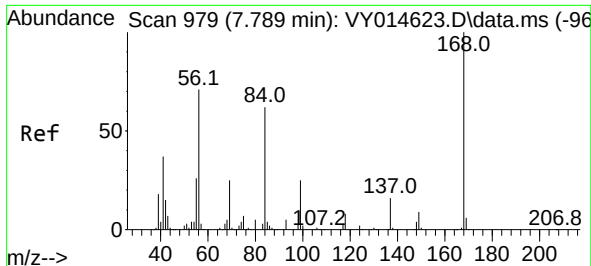
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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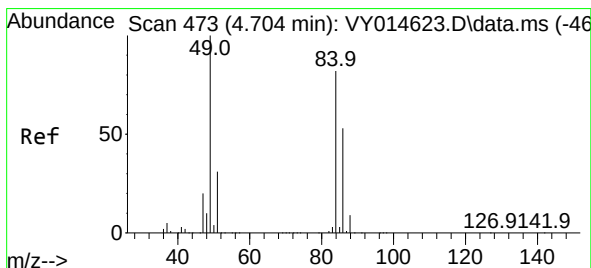
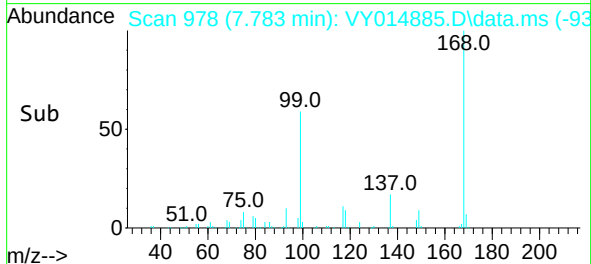
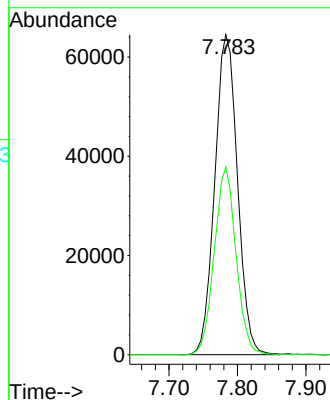
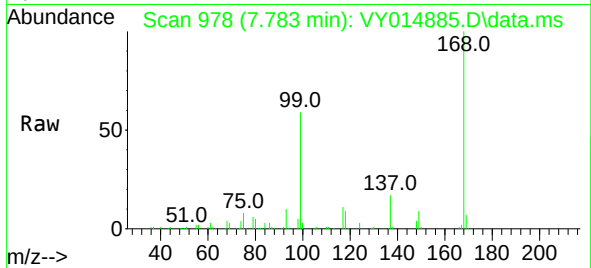




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014885.D
Acq: 27 Jul 2023 16:19

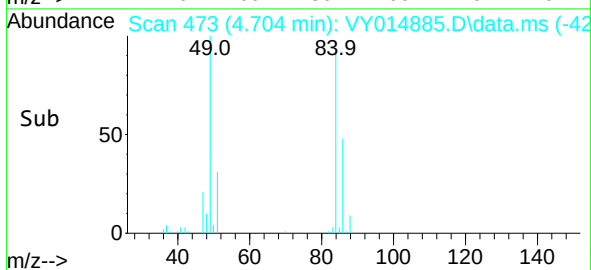
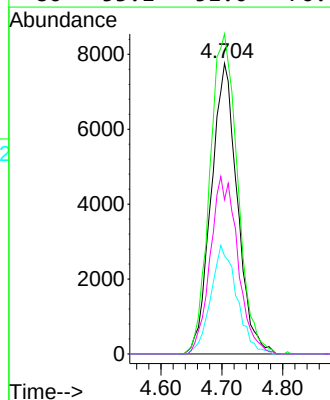
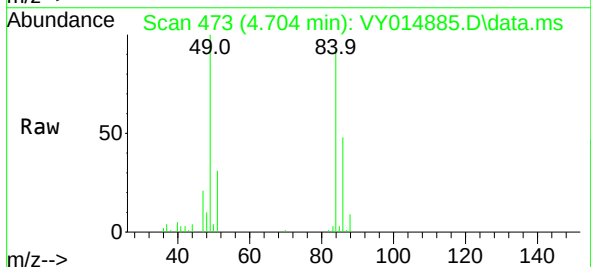
Instrument :
MSVOA_Y
ClientSampleId :
RRTP-9-GRAB-17-(2-2.5)

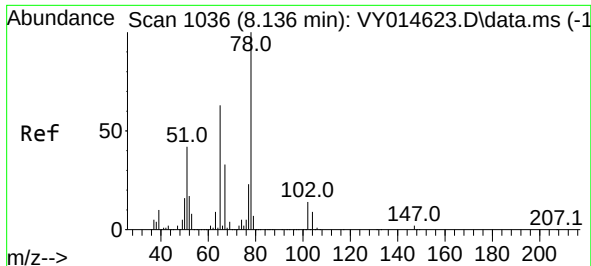
Tgt Ion:168 Resp: 148159
Ion Ratio Lower Upper
168 100
99 58.7 43.4 65.0



#20
Methylene Chloride
Concen: 9.918 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014885.D
Acq: 27 Jul 2023 16:19

Tgt Ion: 84 Resp: 23122
Ion Ratio Lower Upper
84 100
49 110.1 106.9 160.3
51 33.8 33.2 49.8
86 53.1 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 56.423 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014885.D

Acq: 27 Jul 2023 16:19

Instrument :

MSVOA_Y

ClientSampleId :

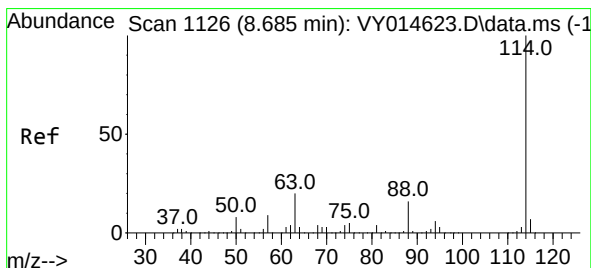
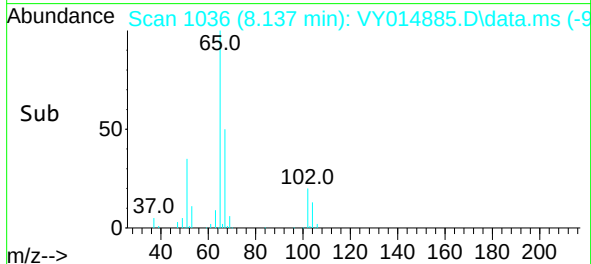
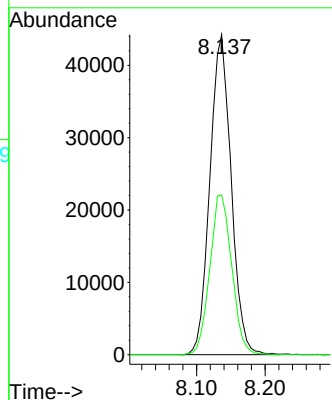
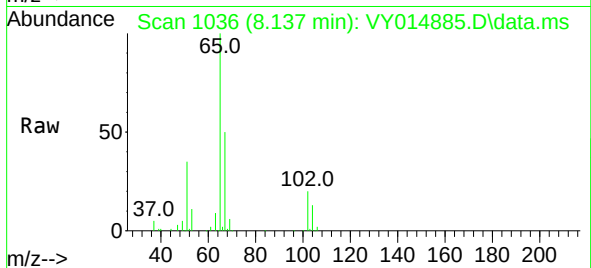
RRTP-9-GRAB-17-(2-2.5)

Tgt Ion: 65 Resp: 95260

Ion Ratio Lower Upper

65 100

67 51.5 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: VY014885.D

Acq: 27 Jul 2023 16:19

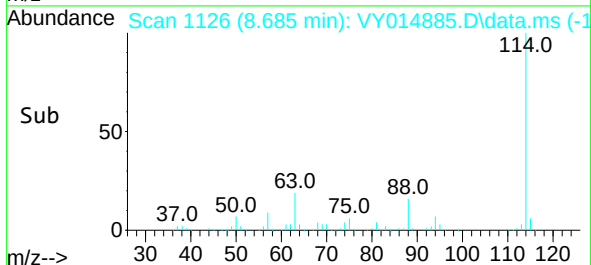
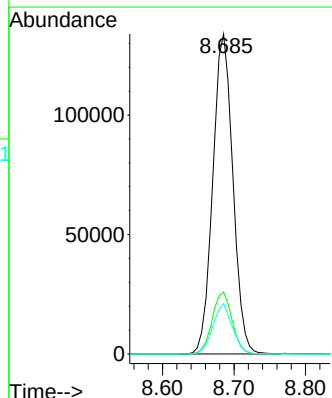
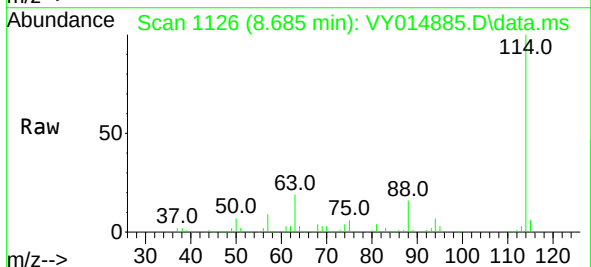
Tgt Ion: 114 Resp: 261208

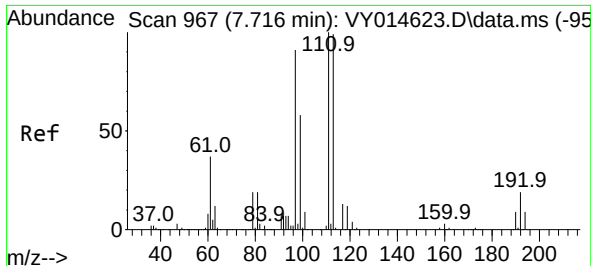
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 15.8 0.0 30.6

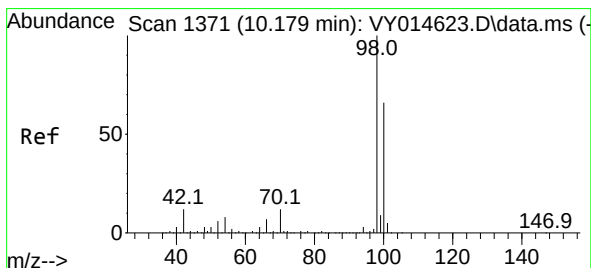
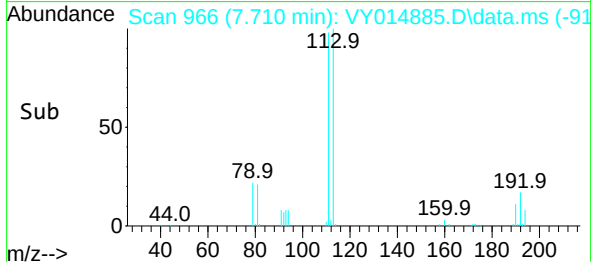
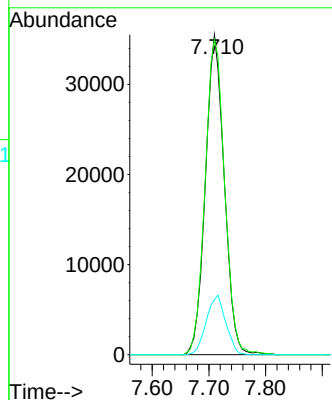
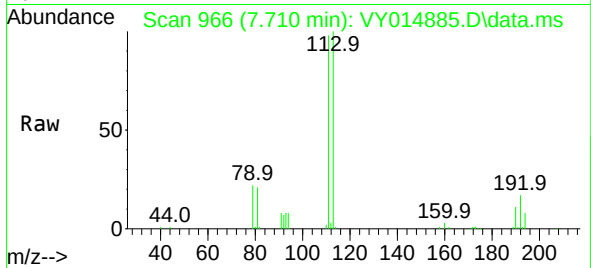




#35
Dibromofluoromethane
Concen: 49.351 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014885.D
Acq: 27 Jul 2023 16:19

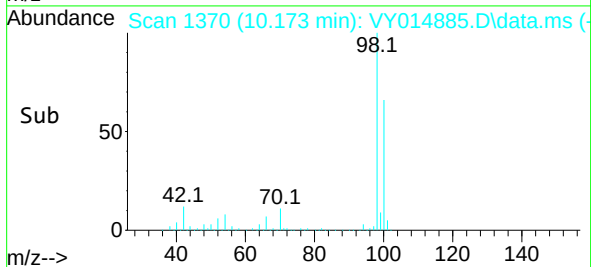
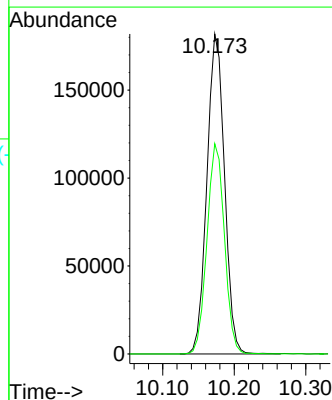
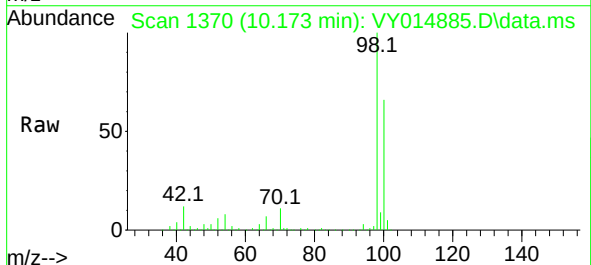
Instrument :
MSVOA_Y
ClientSampleId :
RRTP-9-GRAB-17-(2-2.5)

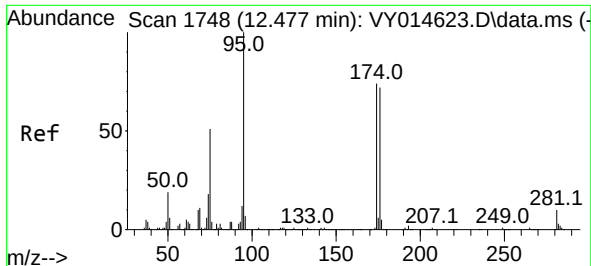
Tgt Ion:113 Resp: 82061
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.1 16.9 25.3



#50
Toluene-d8
Concen: 50.684 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY014885.D
Acq: 27 Jul 2023 16:19

Tgt Ion: 98 Resp: 310708
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

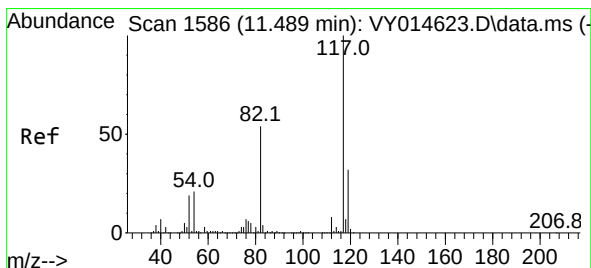
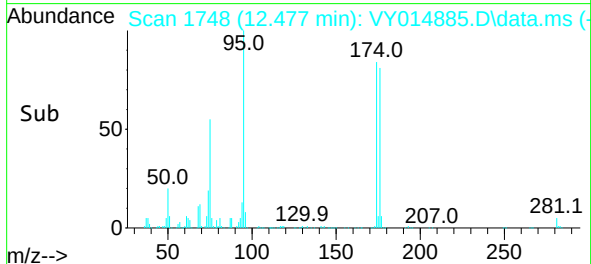
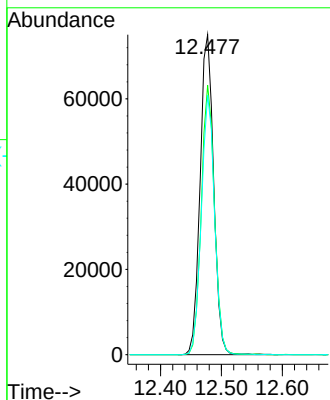
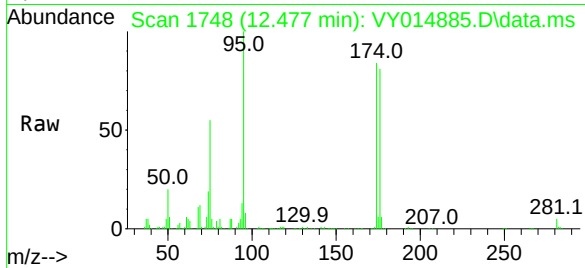




#62
4-Bromofluorobenzene
Concen: 49.266 ug/l
RT: 12.477 min Scan# 115805
Delta R.T. 0.000 min
Lab File: VY014885.D
Acq: 27 Jul 2023 16:19

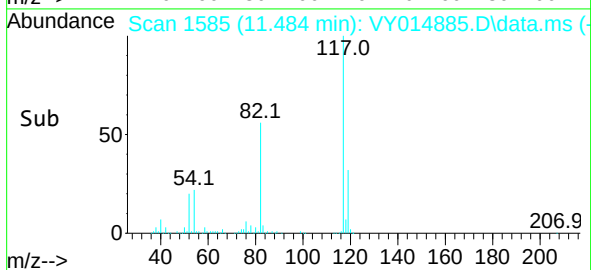
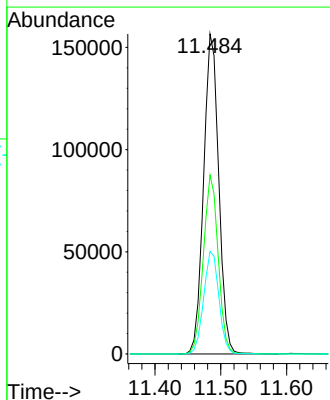
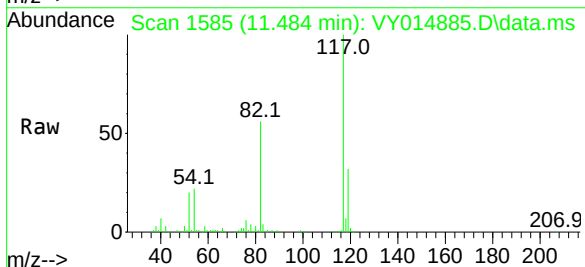
Instrument :
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ClientSampleId :
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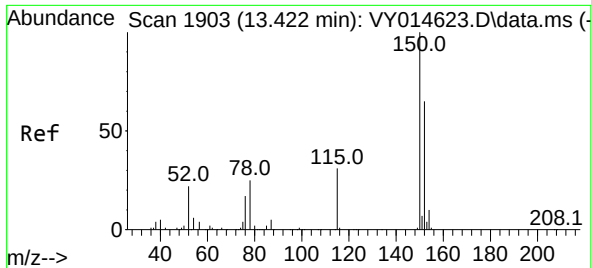
Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.2	0.0	178.2
176	79.4	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.484 min Scan# 1585
Delta R.T. -0.005 min
Lab File: VY014885.D
Acq: 27 Jul 2023 16:19

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.9	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: VY014885.D

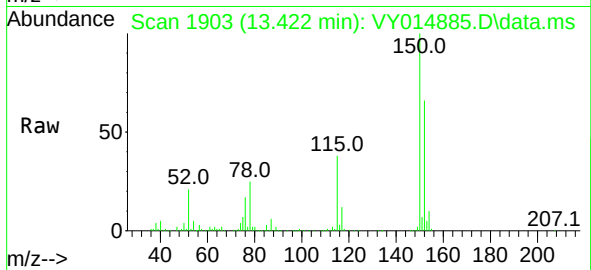
Acq: 27 Jul 2023 16:19

Instrument :

MSVOA_Y

ClientSampleId :

RRTP-9-GRAB-17-(2-2.5)



Tgt Ion:152 Resp: 122520

Ion Ratio Lower Upper

152 100

115 59.1 28.8 86.5

150 156.1 0.0 348.8

