

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014886.D
 Acq On : 27 Jul 2023 16:43
 Operator : SY/MD
 Sample : 03756-09
 Misc : 5.41g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RRTP-9-GRAB-18-(4-5)

Quant Time: Jul 28 02:38:35 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)

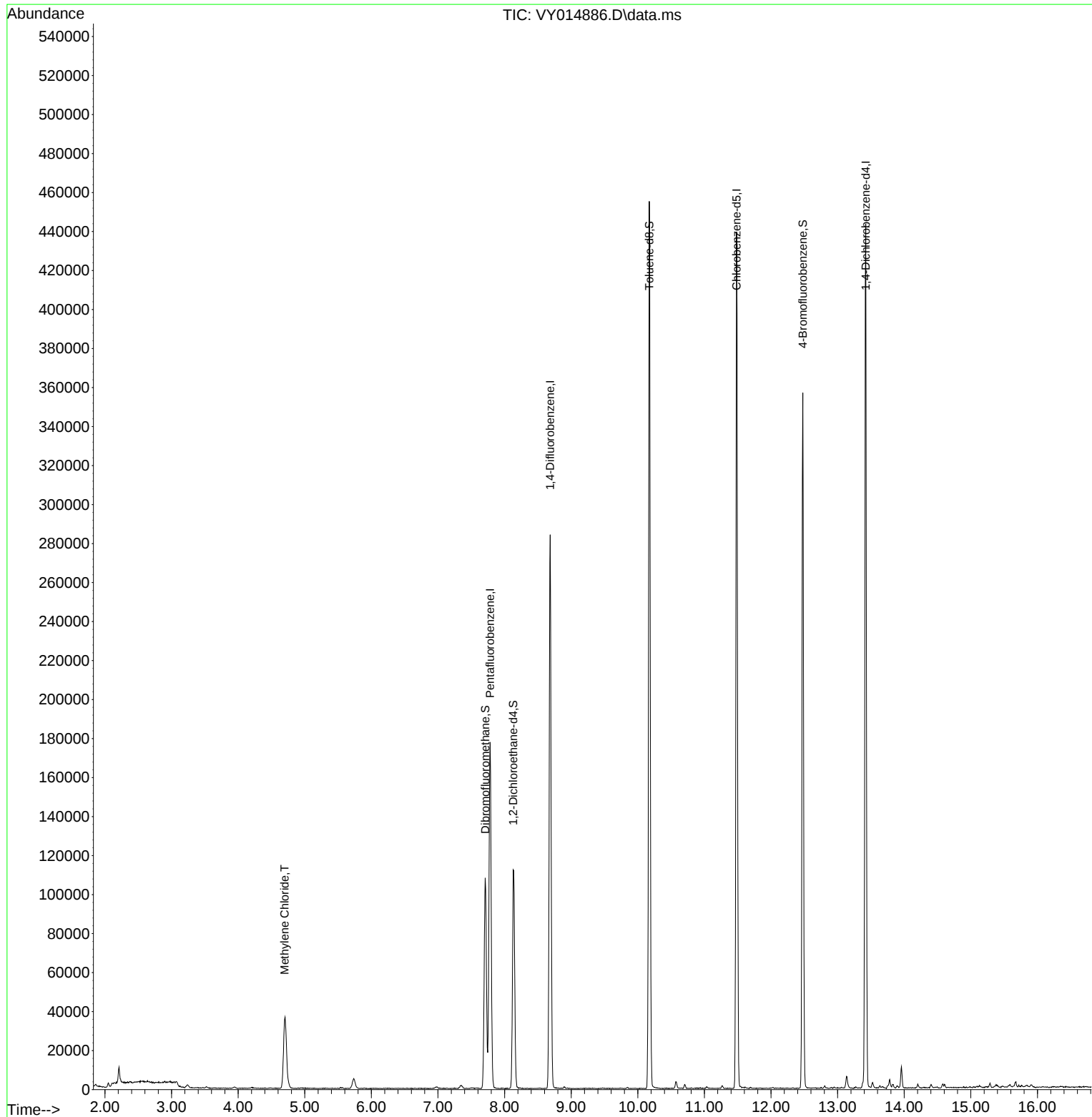
Internal Standards						
1) Pentafluorobenzene	7.782	168	138126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	242697	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	233799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	111883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	90019	57.191	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.380%
35) Dibromofluoromethane	7.709	113	77652	50.262	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.520%
50) Toluene-d8	10.172	98	291443	51.167	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.340%
62) 4-Bromofluorobenzene	12.477	95	106952	48.970	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.940%
Target Compounds						Qvalue
20) Methylene Chloride	4.698	84	28329	14.484	ug/l	87

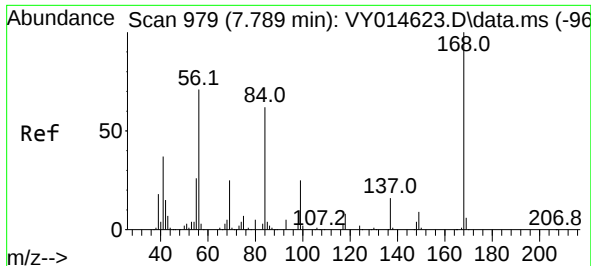
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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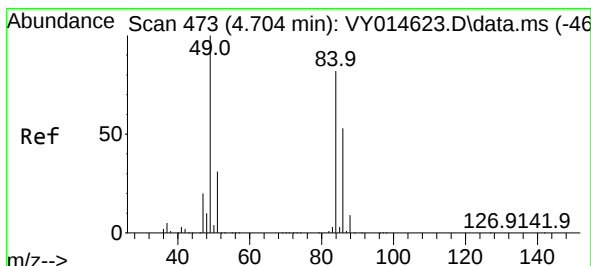
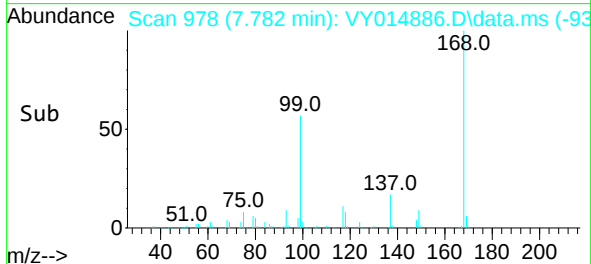
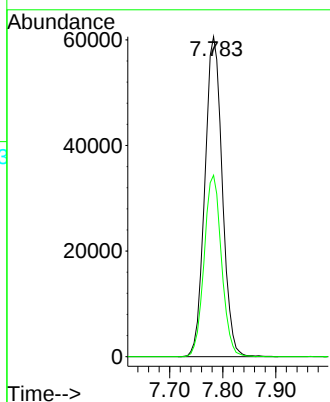
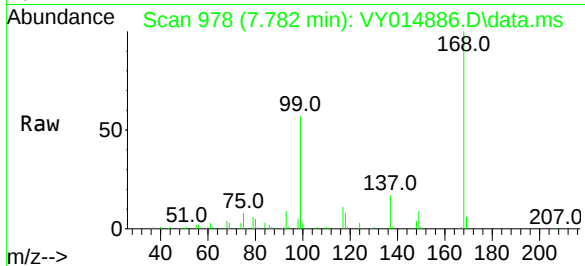




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014886.D
Acq: 27 Jul 2023 16:43

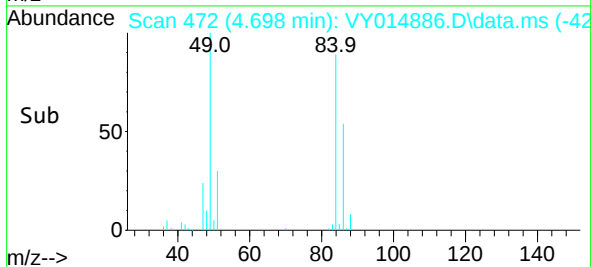
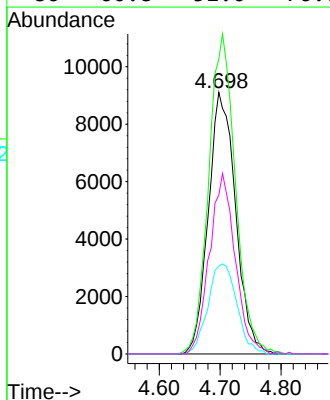
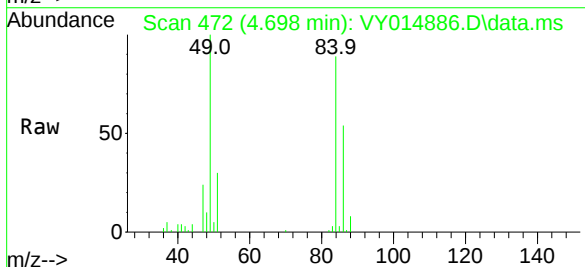
Instrument :
MSVOA_Y
ClientSampleId :
RRTP-9-GRAB-18-(4-5)

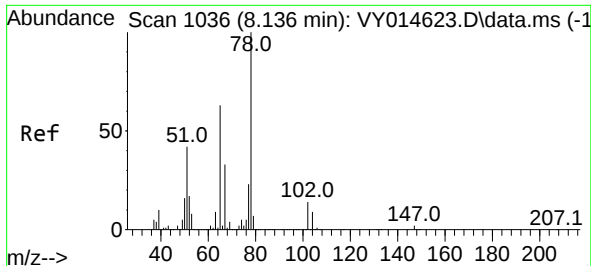
Tgt Ion:168 Resp: 138126
Ion Ratio Lower Upper
168 100
99 56.7 43.4 65.0



#20
Methylene Chloride
Concen: 14.484 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY014886.D
Acq: 27 Jul 2023 16:43

Tgt Ion: 84 Resp: 28329
Ion Ratio Lower Upper
84 100
49 112.8 106.9 160.3
51 33.6 33.2 49.8
86 60.8 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 57.191 ug/l

RT: 8.130 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY014886.D

Acq: 27 Jul 2023 16:43

Instrument :

MSVOA_Y

ClientSampleId :

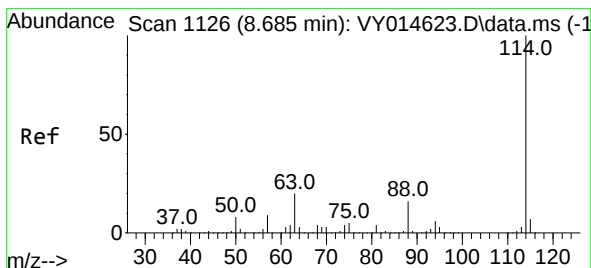
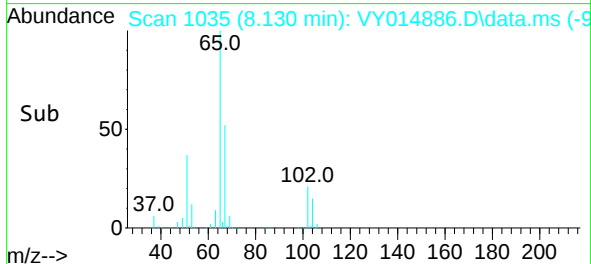
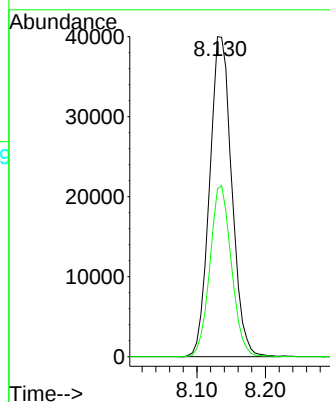
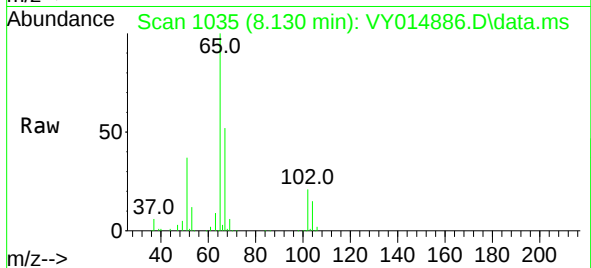
RRTP-9-GRAB-18-(4-5)

Tgt Ion: 65 Resp: 90019

Ion Ratio Lower Upper

65 100

67 51.7 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: VY014886.D

Acq: 27 Jul 2023 16:43

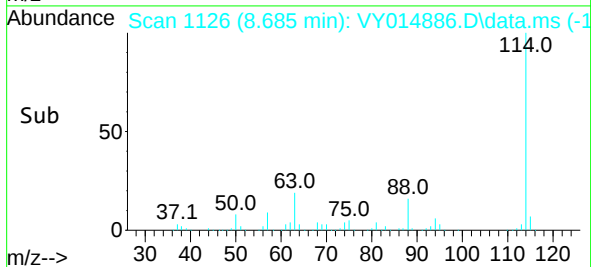
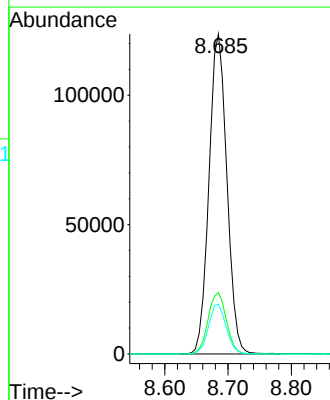
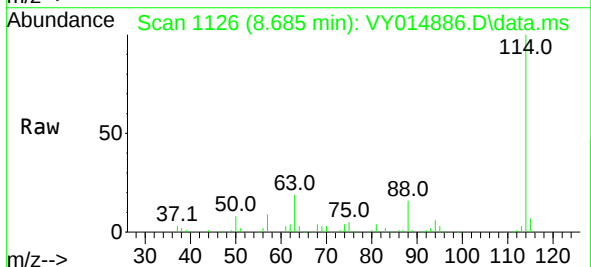
Tgt Ion: 114 Resp: 242697

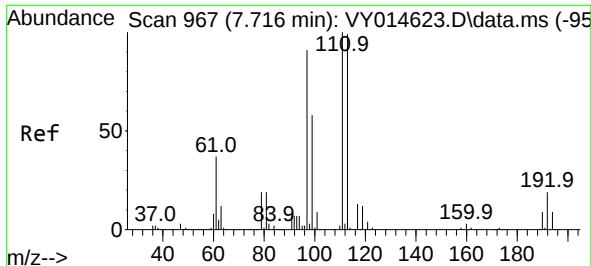
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.6 0.0 30.6

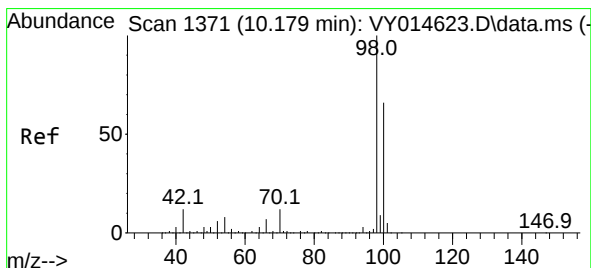
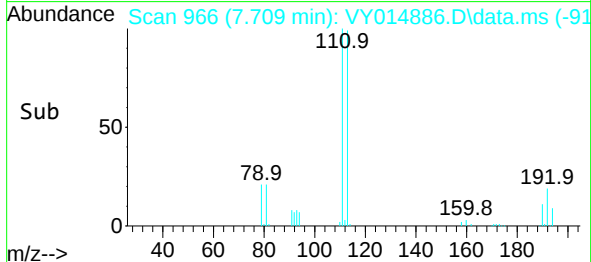
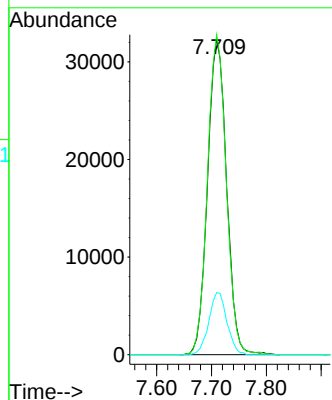
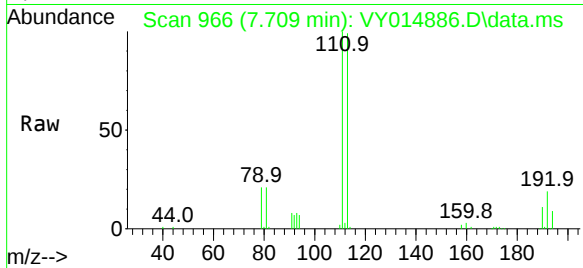




#35
Dibromofluoromethane
Concen: 50.262 ug/l
RT: 7.709 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY014886.D
Acq: 27 Jul 2023 16:43

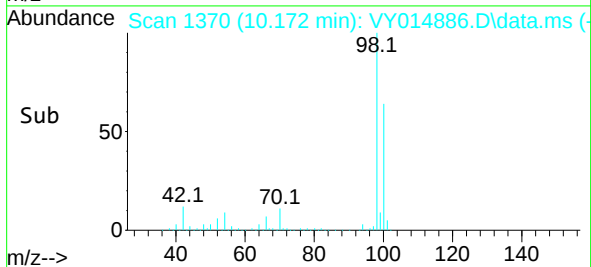
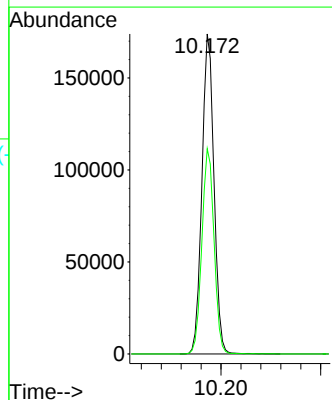
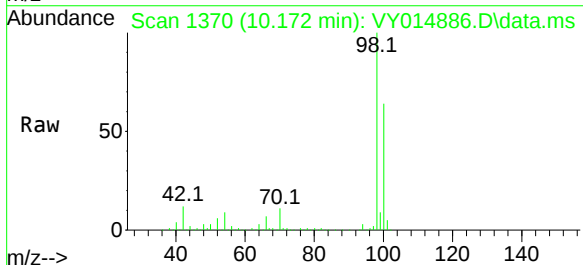
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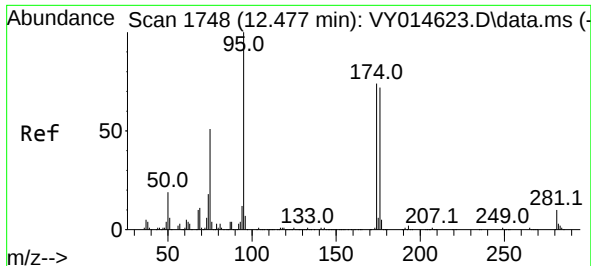
Tgt Ion:113 Resp: 77652
Ion Ratio Lower Upper
113 100
111 100.2 81.3 121.9
192 18.8 16.9 25.3



#50
Toluene-d8
Concen: 51.167 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. -0.007 min
Lab File: VY014886.D
Acq: 27 Jul 2023 16:43

Tgt Ion: 98 Resp: 291443
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1

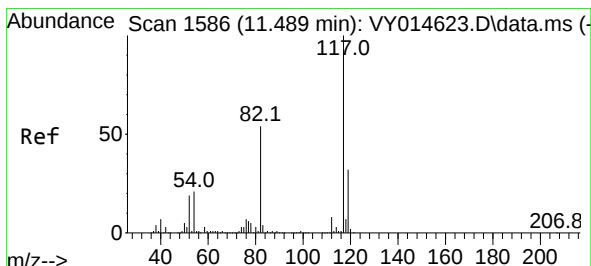
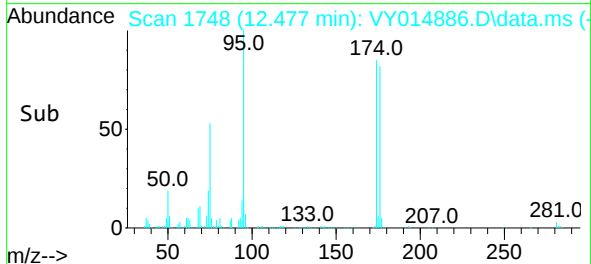
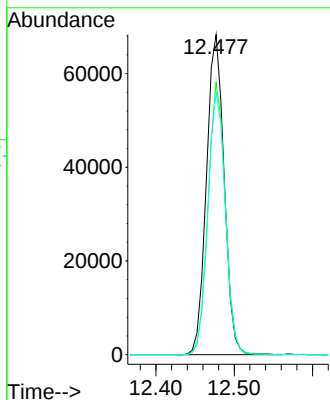
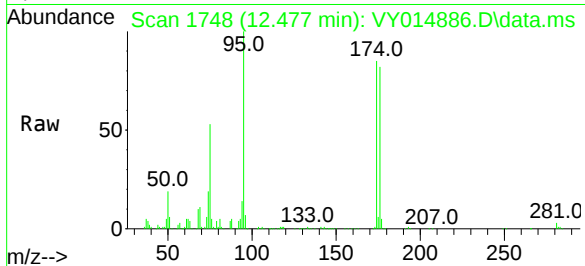




#62
4-Bromofluorobenzene
Concen: 48.970 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014886.D
Acq: 27 Jul 2023 16:43

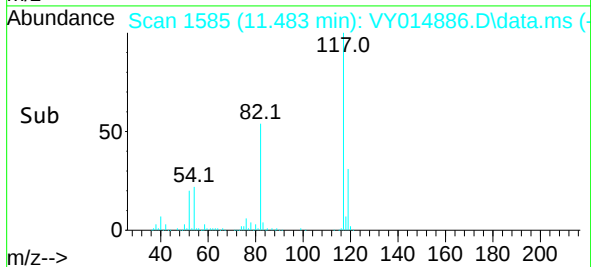
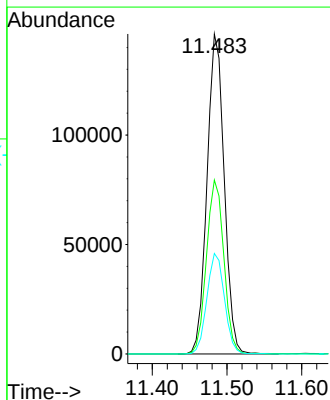
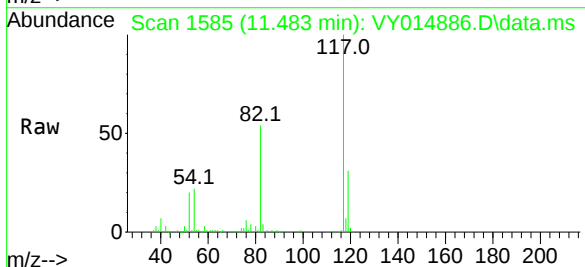
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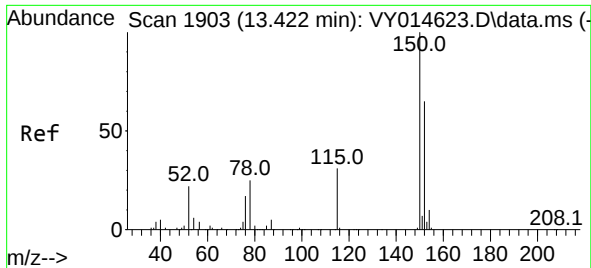
Tgt Ion: 95 Resp: 106952
Ion Ratio Lower Upper
95 100
174 83.4 0.0 178.2
176 80.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY014886.D
Acq: 27 Jul 2023 16:43

Tgt Ion: 117 Resp: 233799
Ion Ratio Lower Upper
117 100
82 54.4 43.4 65.0
119 31.4 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: VY014886.D

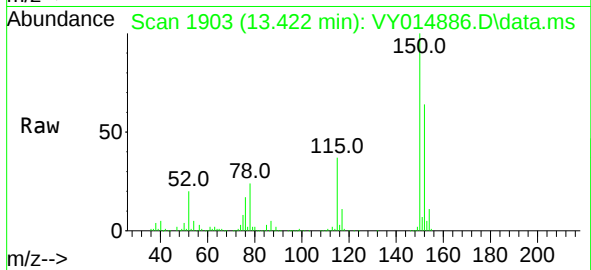
Acq: 27 Jul 2023 16:43

Instrument :

MSVOA_Y

ClientSampleId :

RRTP-9-GRAB-18-(4-5)



Tgt Ion:152 Resp: 111883

Ion Ratio Lower Upper

152 100

115 59.0 28.8 86.5

150 157.1 0.0 348.8

