

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014883.D
 Acq On : 27 Jul 2023 15:31
 Operator : SY/MD
 Sample : 03756-05
 Misc : 5.40g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RPTP-10-GRAB-19-(2-2.5)

Quant Time: Jul 28 02:38:12 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)

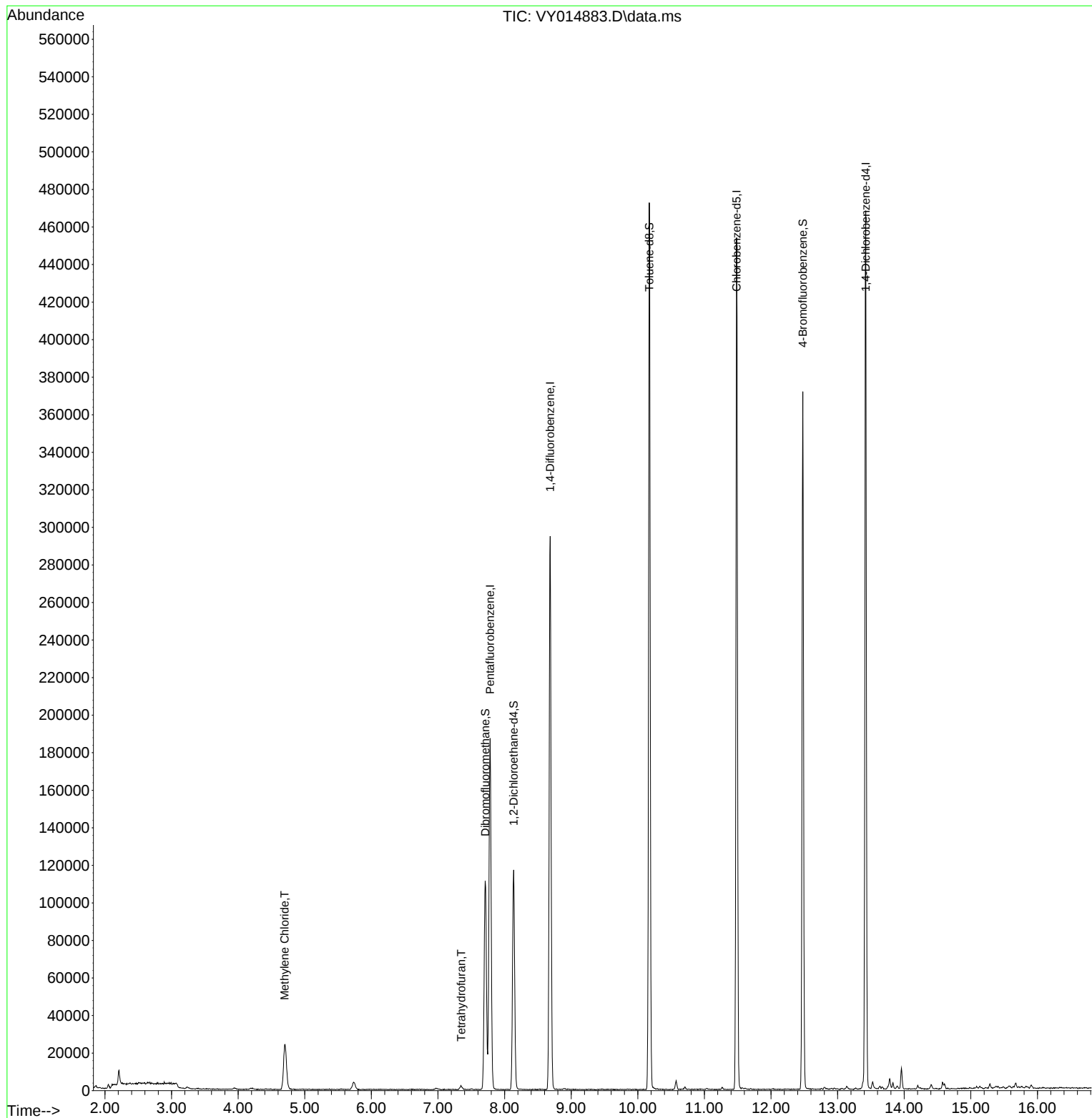
Internal Standards						
1) Pentafluorobenzene	7.783	168	144171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	254179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	245075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116022	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	91765	55.856	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.720%
35) Dibromofluoromethane	7.710	113	80357	49.663	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.320%
50) Toluene-d8	10.173	98	301637	50.565	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.120%
62) 4-Bromofluorobenzene	12.477	95	110903	48.485	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.980%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.698	84	18793	7.525	ug/l	90
29) Tetrahydrofuran	7.350	42	1333	2.842	ug/l #	90

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
Data File : VY014883.D
Acq On : 27 Jul 2023 15:31
Operator : SY/MD
Sample : 03756-05
Misc : 5.40g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RPTP-10-GRAB-19-(2-2.5)

Quant Time: Jul 28 02:38:12 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

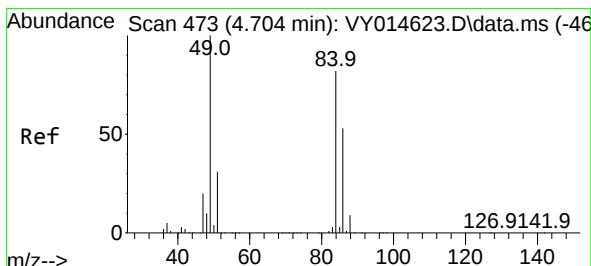
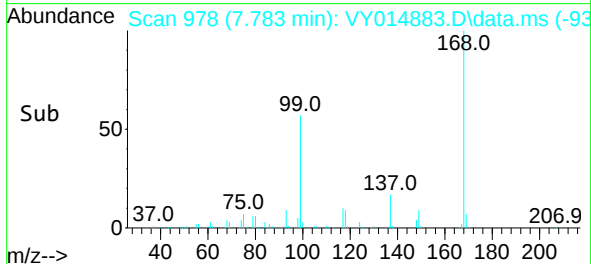
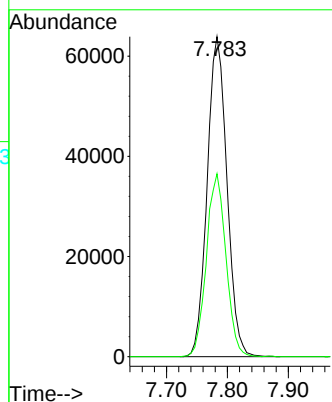
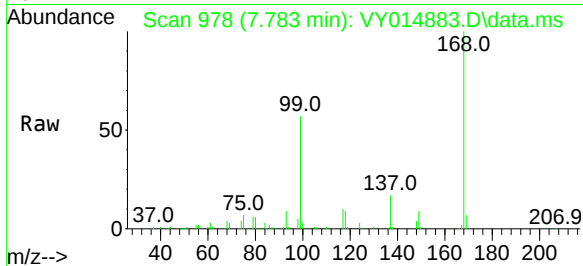




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014883.D
Acq: 27 Jul 2023 15:31

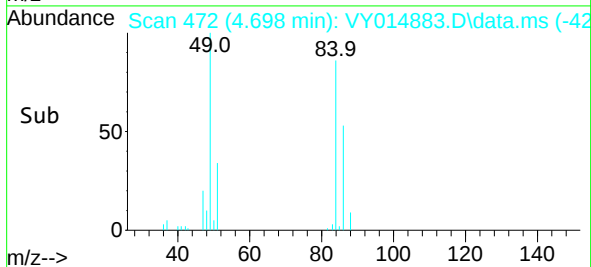
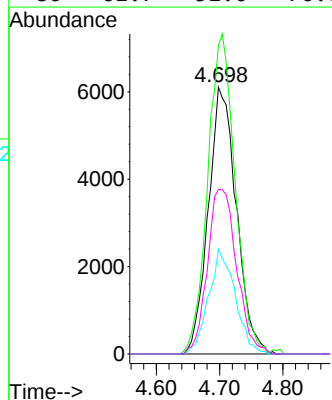
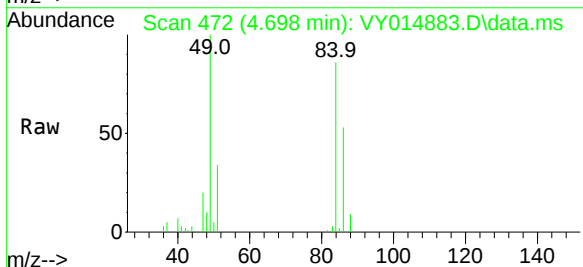
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-10-GRAB-19-(2-2.5)

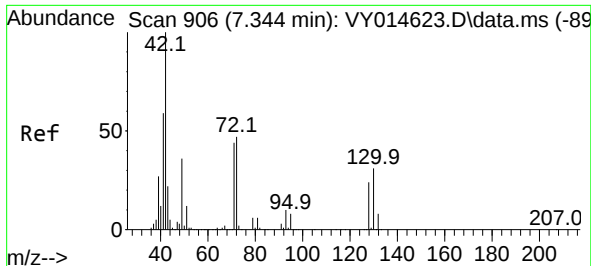
Tgt Ion:168 Resp: 144171
Ion Ratio Lower Upper
168 100
99 57.2 43.4 65.0



#20
Methylene Chloride
Concen: 7.525 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY014883.D
Acq: 27 Jul 2023 15:31

Tgt Ion: 84 Resp: 18793
Ion Ratio Lower Upper
84 100
49 115.7 106.9 160.3
51 39.2 33.2 49.8
86 61.7 51.0 76.6





#29

Tetrahydrofuran

Concen: 2.842 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY014883.D

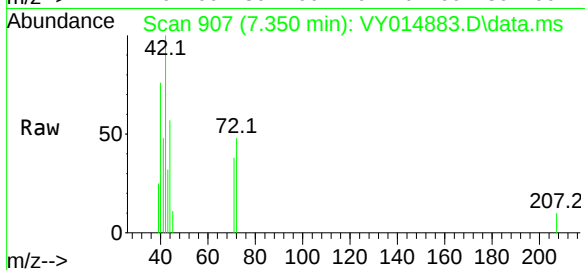
Acq: 27 Jul 2023 15:31

Instrument :

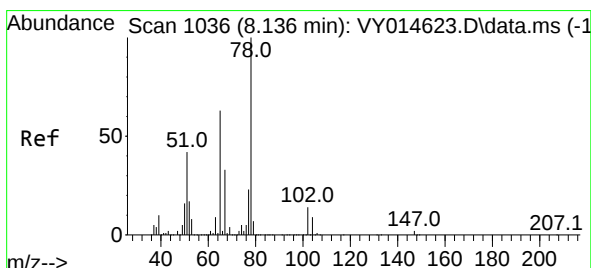
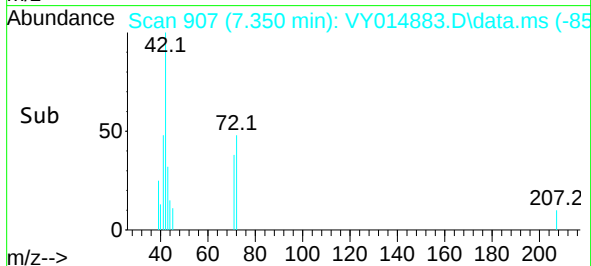
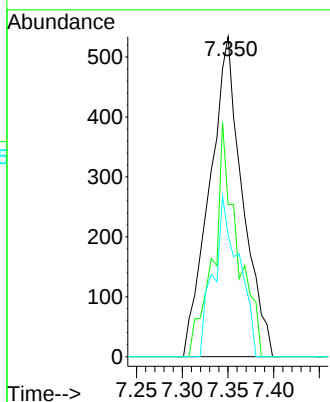
MSVOA_Y

ClientSampleId :

RPTP-10-GRAB-19-(2-2.5)



Tgt Ion:	42	Resp:	1333
Ion	Ratio	Lower	Upper
42	100		
72	52.8	32.8	49.2#
71	38.2	31.0	46.4



#33

1,2-Dichloroethane-d4

Concen: 55.856 ug/l

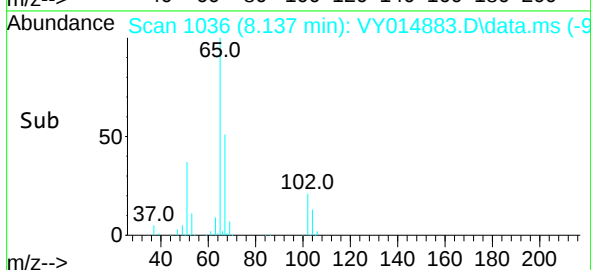
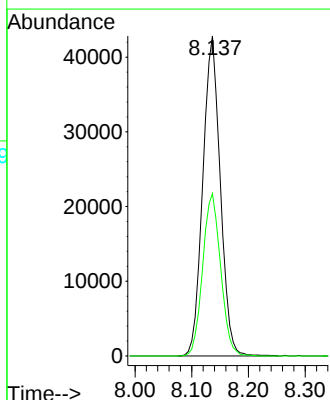
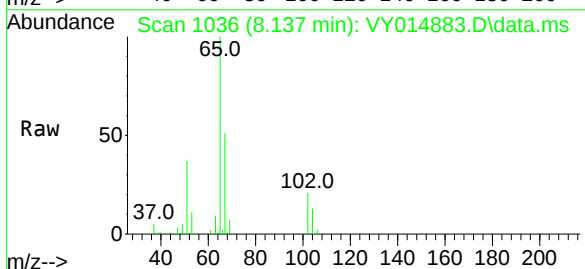
RT: 8.137 min Scan# 1036

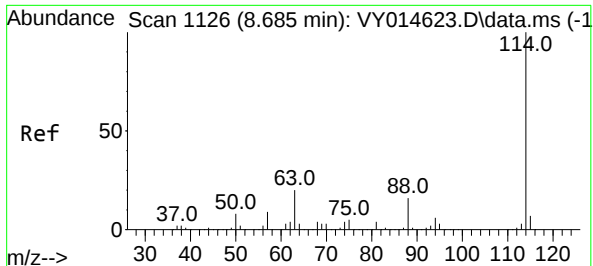
Delta R.T. 0.001 min

Lab File: VY014883.D

Acq: 27 Jul 2023 15:31

Tgt Ion:	65	Resp:	91765
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: VY014883.D

Acq: 27 Jul 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

RPTP-10-GRAB-19-(2-2.5)

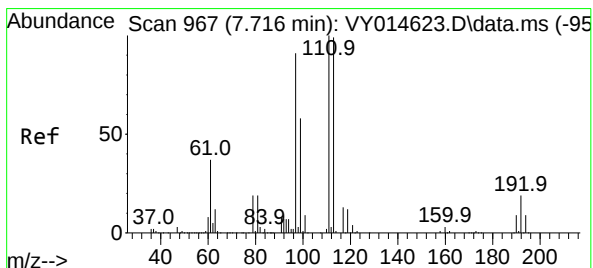
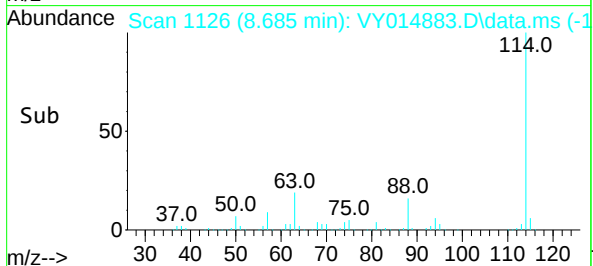
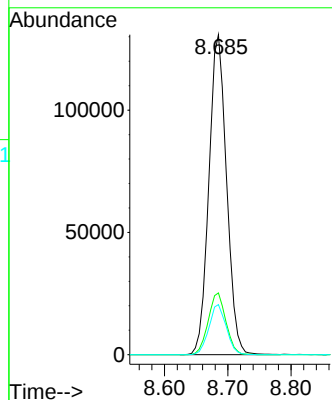
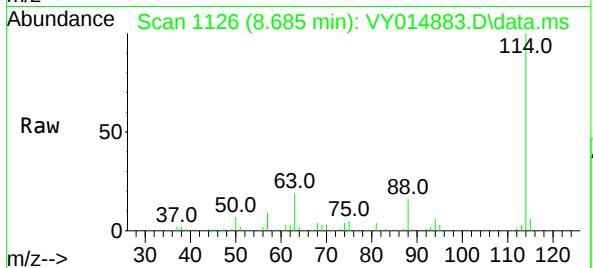
Tgt Ion:114 Resp: 254179

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.663 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014883.D

Acq: 27 Jul 2023 15:31

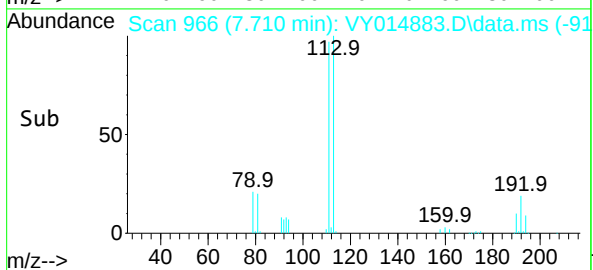
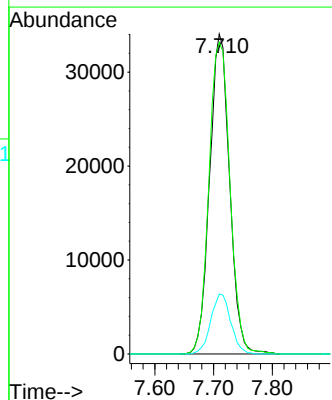
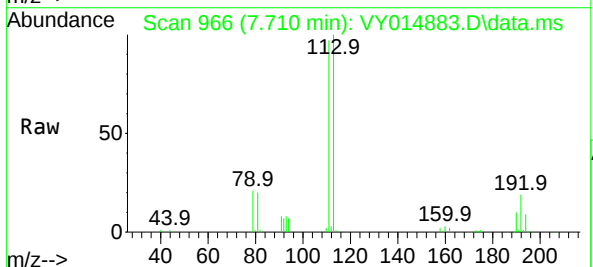
Tgt Ion:113 Resp: 80357

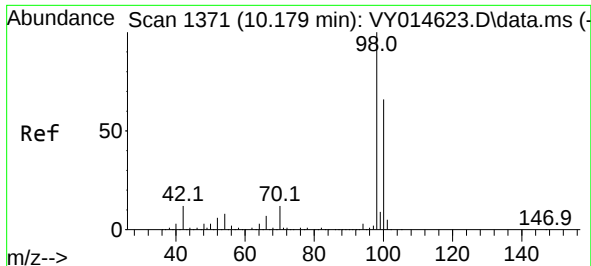
Ion Ratio Lower Upper

113 100

111 102.7 81.3 121.9

192 18.7 16.9 25.3

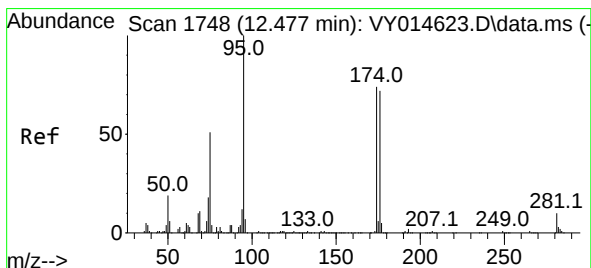
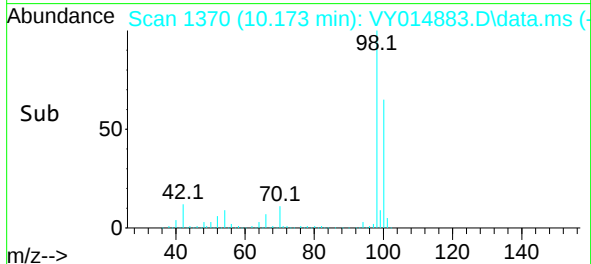
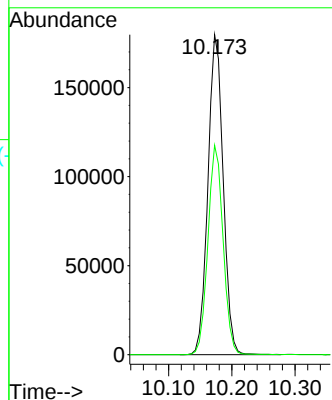
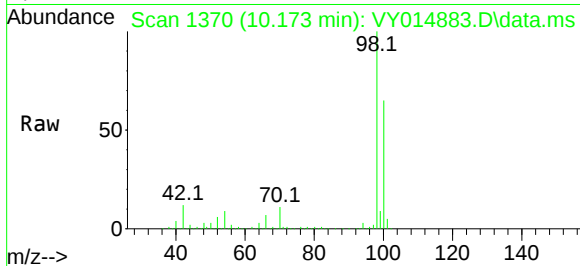




#50
Toluene-d8
Concen: 50.565 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014883.D
Acq: 27 Jul 2023 15:31

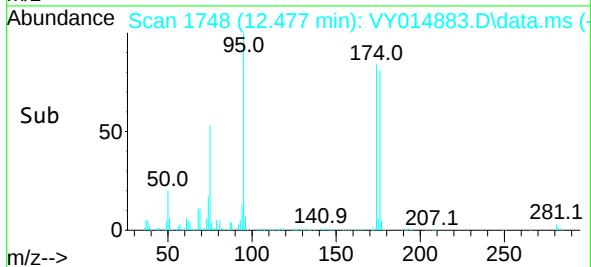
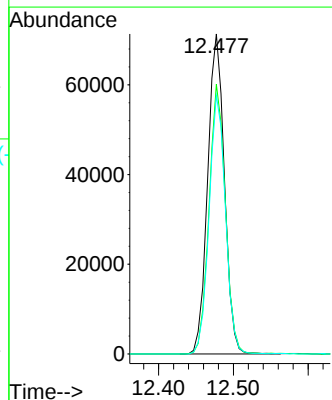
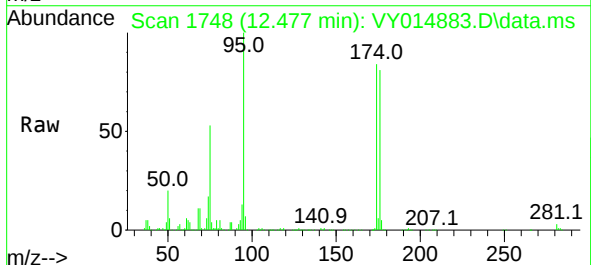
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-10-GRAB-19-(2-2.5)

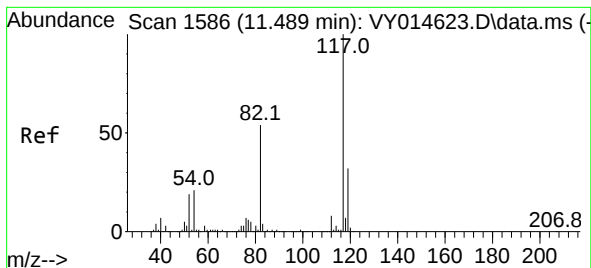
Tgt Ion: 98 Resp: 301637
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.485 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014883.D
Acq: 27 Jul 2023 15:31

Tgt Ion: 95 Resp: 110903
Ion Ratio Lower Upper
95 100
174 82.4 0.0 178.2
176 79.2 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: VY014883.D

Acq: 27 Jul 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

RPTP-10-GRAB-19-(2-2.5)

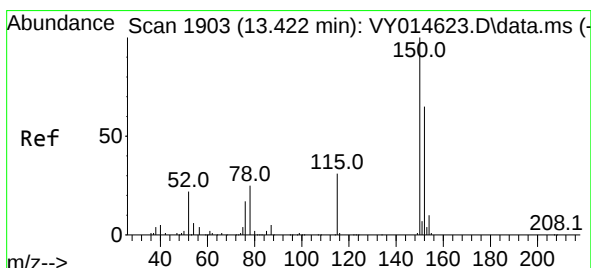
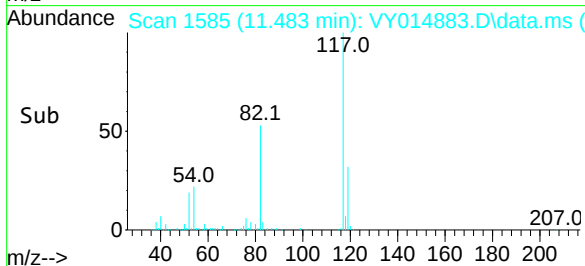
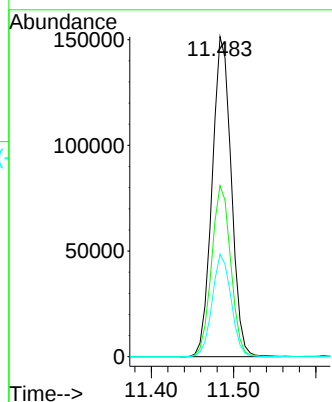
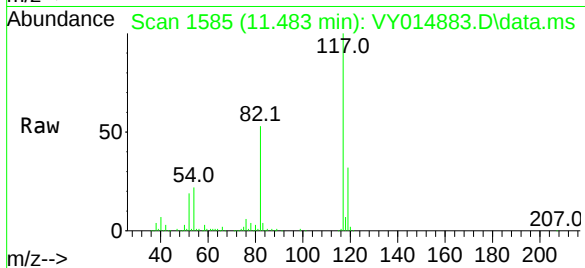
Tgt Ion:117 Resp: 245075

Ion Ratio Lower Upper

117 100

82 53.5 43.4 65.0

119 32.0 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: VY014883.D

Acq: 27 Jul 2023 15:31

Tgt Ion:152 Resp: 116022

Ion Ratio Lower Upper

152 100

115 59.2 28.8 86.5

150 157.3 0.0 348.8

