

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014888.D
 Acq On : 27 Jul 2023 17:32
 Operator : SY/MD
 Sample : 03756-12
 Misc : 5.40g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RRTP-14-GRAB-27-(3.5-4)

Quant Time: Jul 28 02:38:51 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)

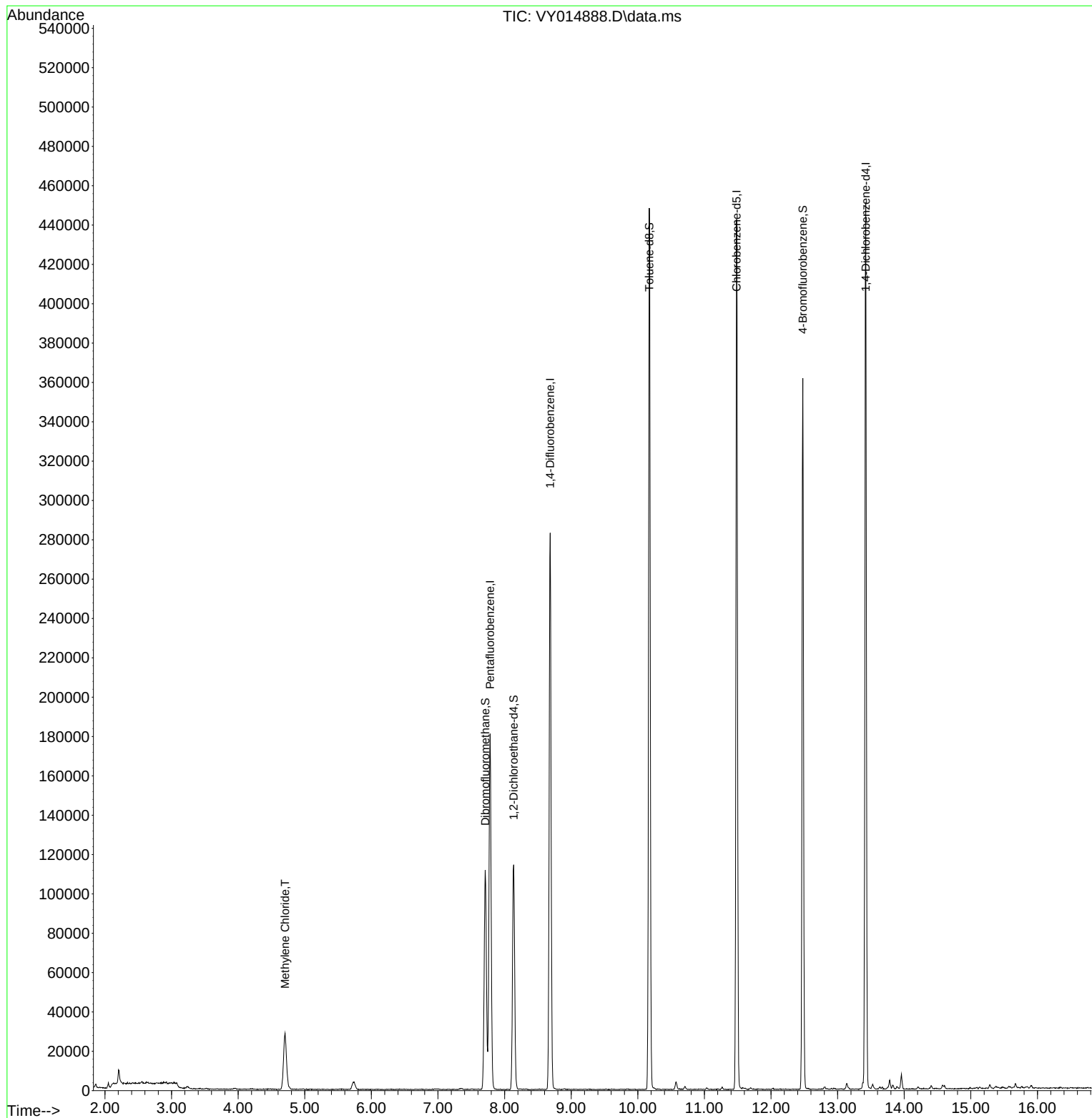
Internal Standards						
1) Pentafluorobenzene	7.783	168	138877	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	246440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	237326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	113351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	90748	57.343	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	114.680%	
35) Dibromofluoromethane	7.710	113	77881	49.644	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	99.280%	
50) Toluene-d8	10.172	98	296858	51.326	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	102.660%	
62) 4-Bromofluorobenzene	12.477	95	108815	49.066	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	98.140%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	21666	9.913	ug/l	85

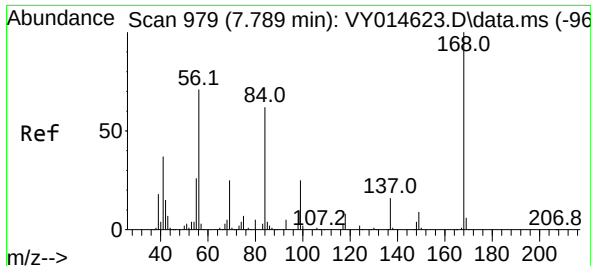
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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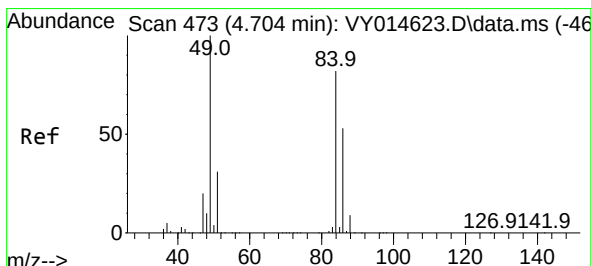
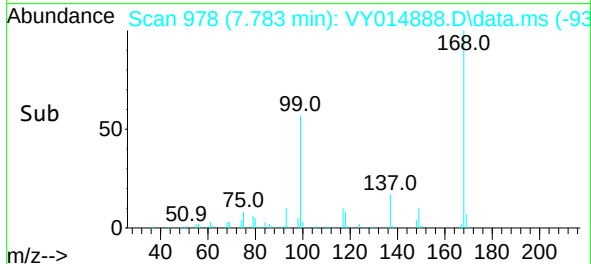
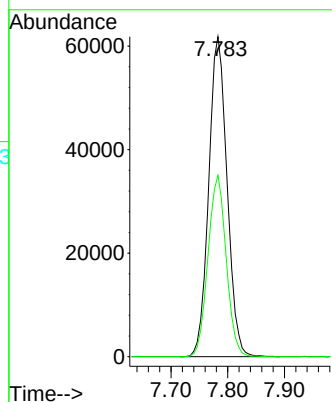
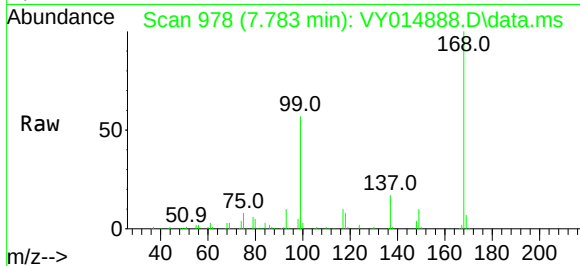




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014888.D
Acq: 27 Jul 2023 17:32

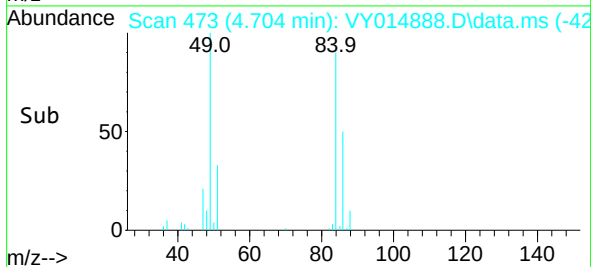
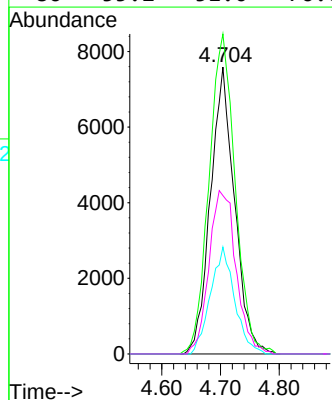
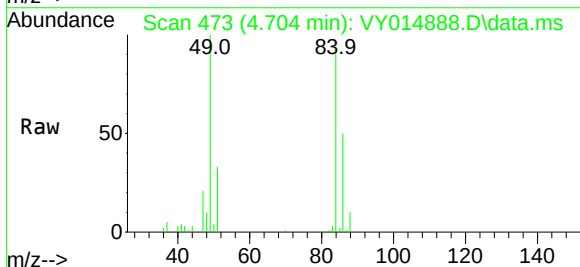
Instrument :
MSVOA_Y
ClientSampleId :
RRTP-14-GRAB-27-(3.5-4)

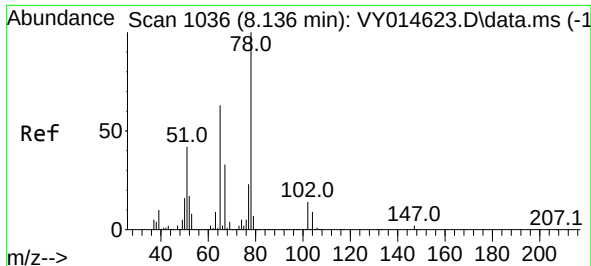
Tgt Ion:168 Resp: 138877
Ion Ratio Lower Upper
168 100
99 56.7 43.4 65.0



#20
Methylene Chloride
Concen: 9.913 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.000 min
Lab File: VY014888.D
Acq: 27 Jul 2023 17:32

Tgt Ion: 84 Resp: 21666
Ion Ratio Lower Upper
84 100
49 111.5 106.9 160.3
51 37.2 33.2 49.8
86 55.2 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 57.343 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014888.D

Acq: 27 Jul 2023 17:32

Instrument :

MSVOA_Y

ClientSampleId :

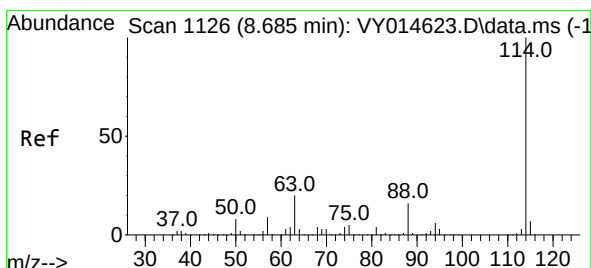
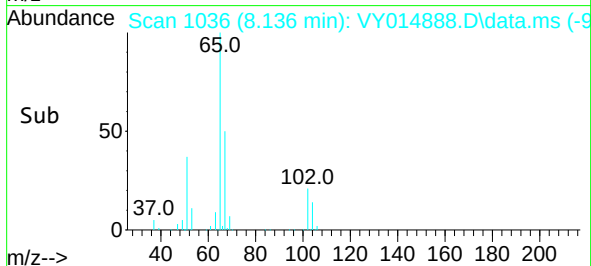
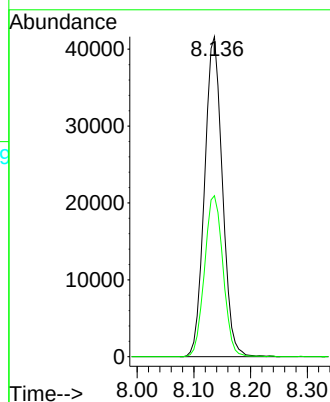
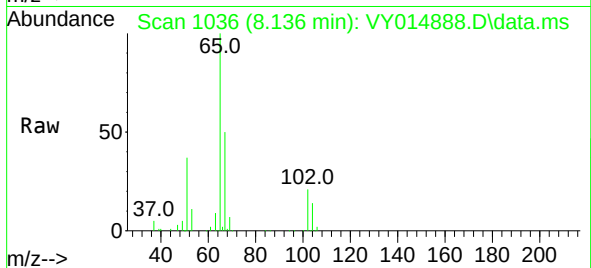
RRTP-14-GRAB-27-(3.5-4)

Tgt Ion: 65 Resp: 90748

Ion Ratio Lower Upper

65 100

67 52.2 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: VY014888.D

Acq: 27 Jul 2023 17:32

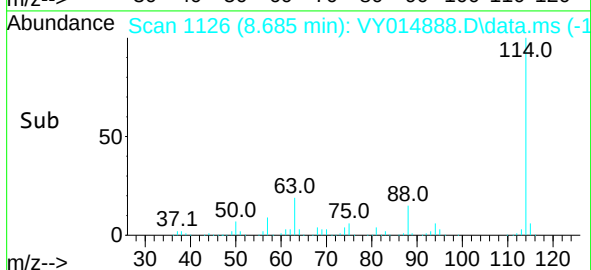
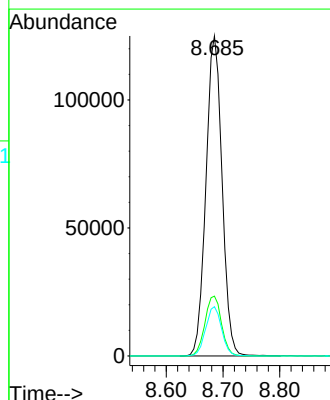
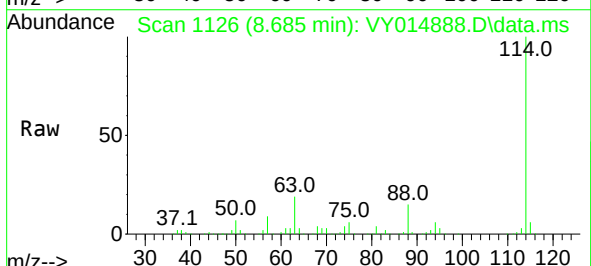
Tgt Ion: 114 Resp: 246440

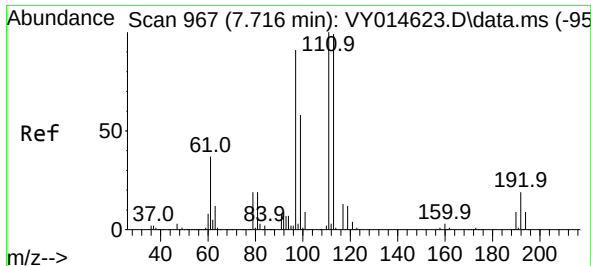
Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

88 15.4 0.0 30.6

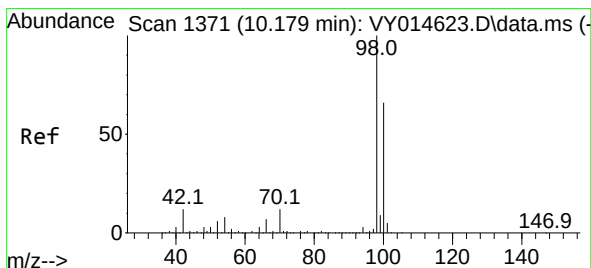
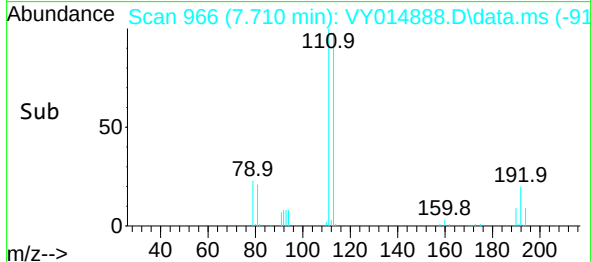
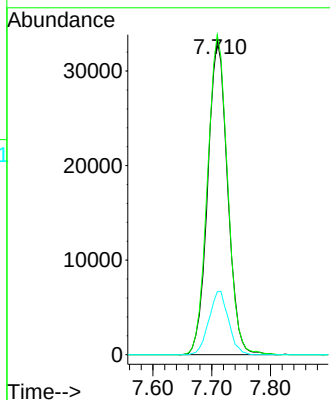
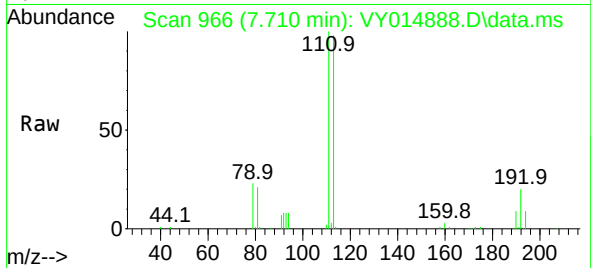




#35
Dibromofluoromethane
Concen: 49.644 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY014888.D
Acq: 27 Jul 2023 17:32

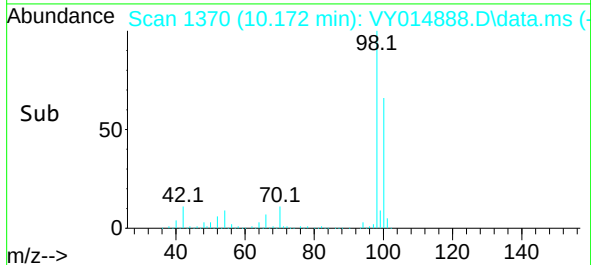
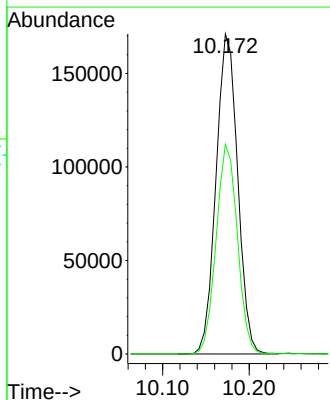
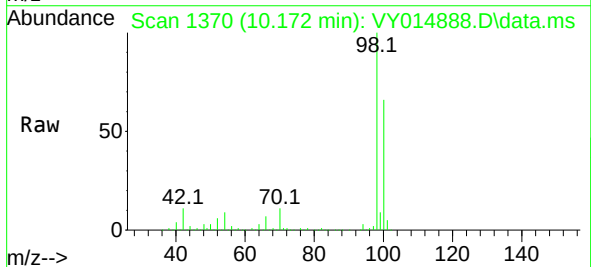
Instrument :
MSVOA_Y
ClientSampleId :
RRTP-14-GRAB-27-(3.5-4)

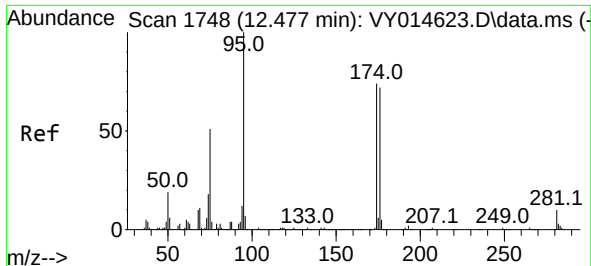
Tgt Ion:113 Resp: 77881
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 19.9 16.9 25.3



#50
Toluene-d8
Concen: 51.326 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. -0.007 min
Lab File: VY014888.D
Acq: 27 Jul 2023 17:32

Tgt Ion: 98 Resp: 296858
Ion Ratio Lower Upper
98 100
100 64.5 50.1 75.1

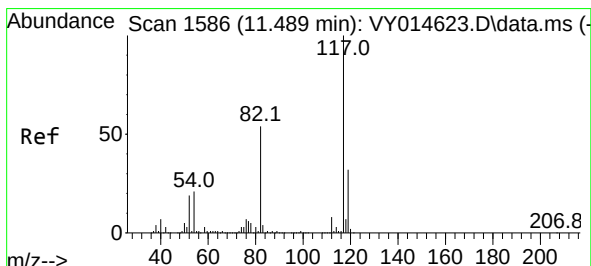
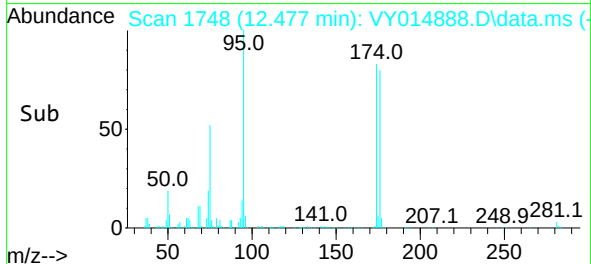
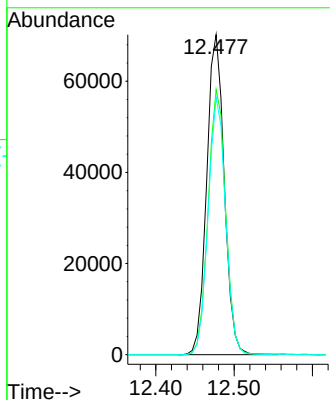
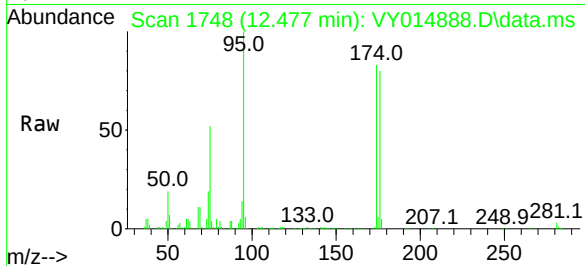




#62
4-Bromofluorobenzene
Concen: 49.066 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014888.D
Acq: 27 Jul 2023 17:32

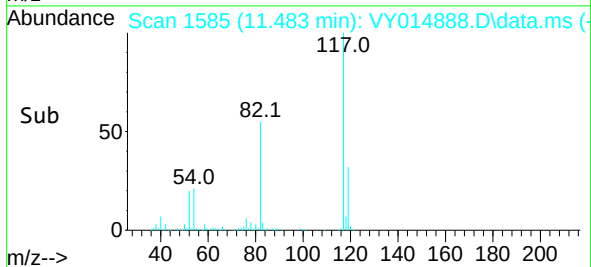
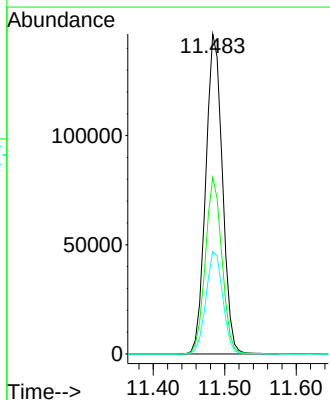
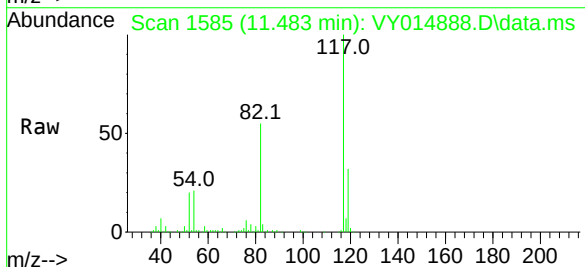
Instrument :
MSVOA_Y
ClientSampleId :
RRTP-14-GRAB-27-(3.5-4)

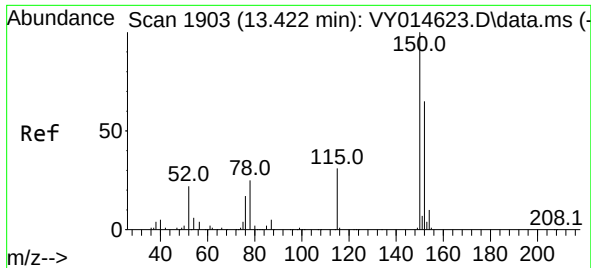
Tgt Ion: 95 Resp: 108815
Ion Ratio Lower Upper
95 100
174 83.4 0.0 178.2
176 79.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY014888.D
Acq: 27 Jul 2023 17:32

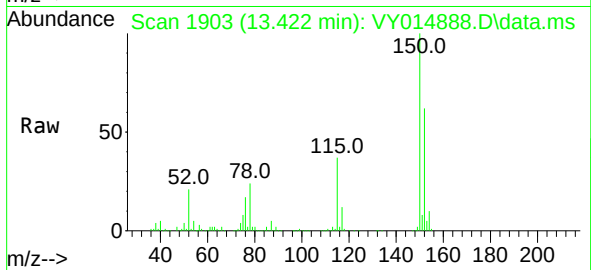
Tgt Ion: 117 Resp: 237326
Ion Ratio Lower Upper
117 100
82 55.2 43.4 65.0
119 32.0 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY014888.D
 Acq: 27 Jul 2023 17:32

Instrument : MSVOA_Y
 ClientSampleId : RRTP-14-GRAB-27-(3.5-4)



Tgt Ion:	152	Resp:	113351
Ion	Ratio	Lower	Upper
152	100		
115	59.4	28.8	86.5
150	158.6	0.0	348.8

