

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014855.D
 Acq On : 26 Jul 2023 17:27
 Operator : SY/MD
 Sample : 03681-02
 Misc : 5.23g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RPTP-1-GRAB-3

Quant Time: Jul 27 01:10:54 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)

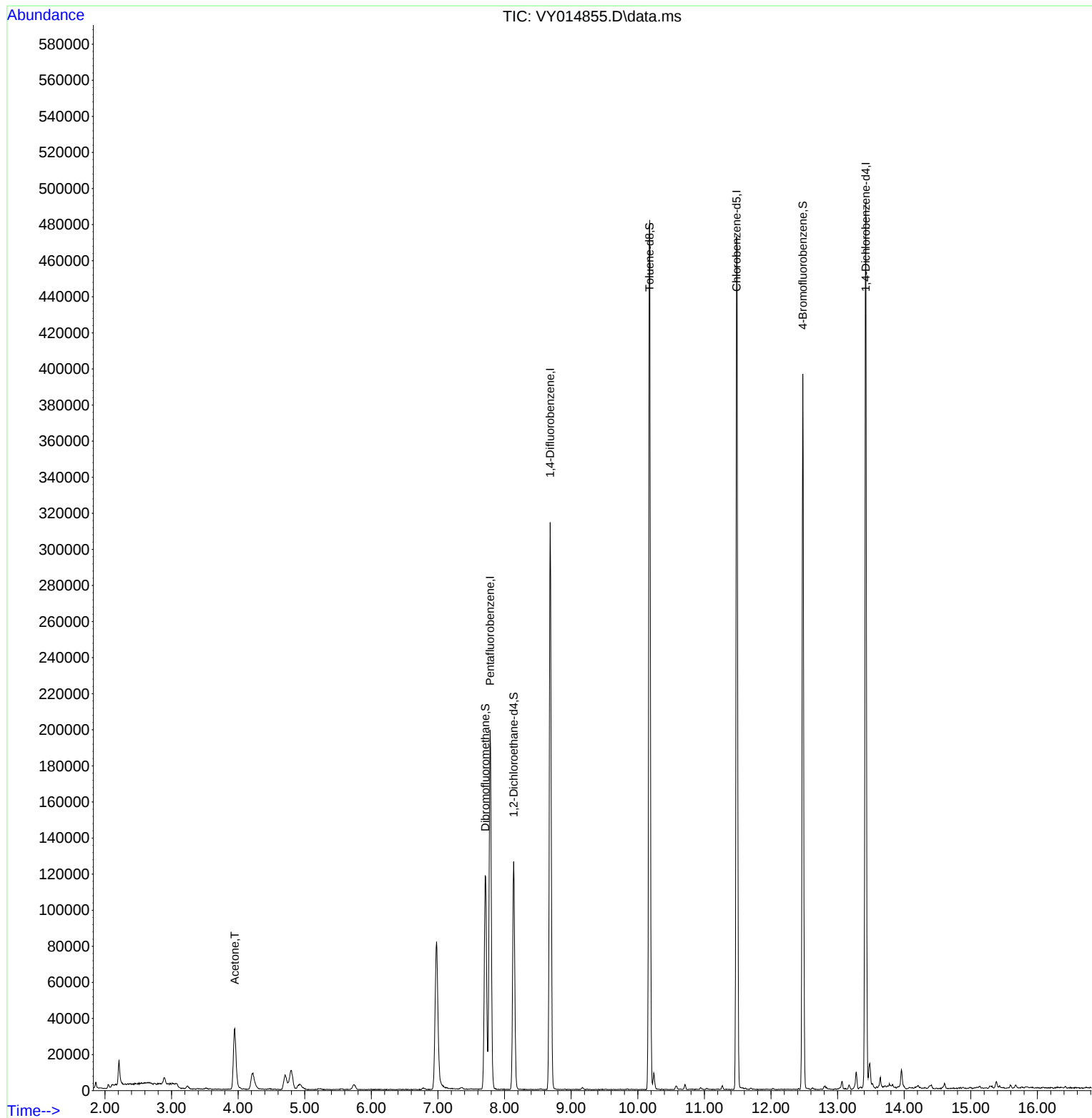
Internal Standards						
1) Pentafluorobenzene	7.783	168	156734	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	272262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	260251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	124336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	97578	54.634	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.260%	
35) Dibromofluoromethane	7.710	113	86666	50.005	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.000%	
50) Toluene-d8	10.179	98	323153	50.573	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.140%	
62) 4-Bromofluorobenzene	12.477	95	117966	48.148	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.300%	
Target Compounds						Qvalue
16) Acetone	3.948	43	61113	107.978	ug/l	90

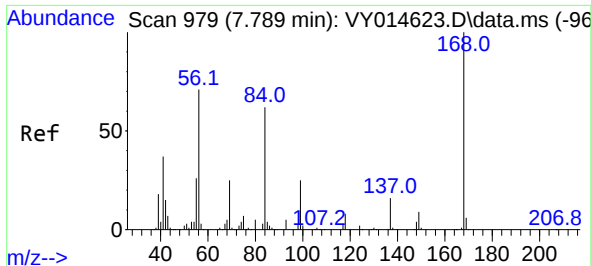
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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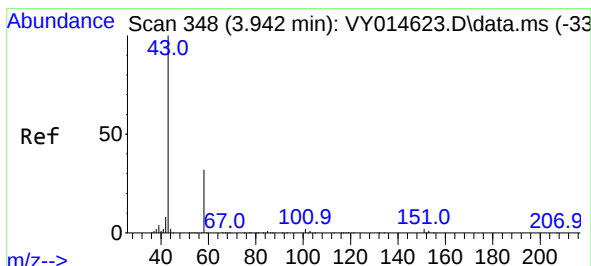
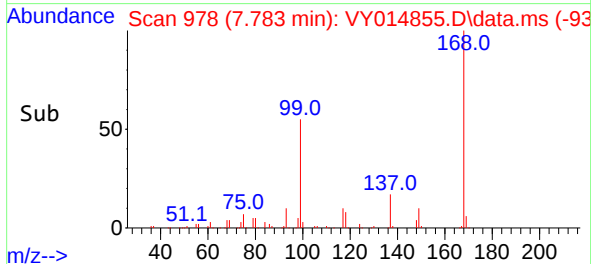
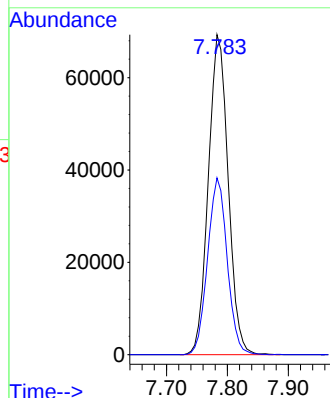
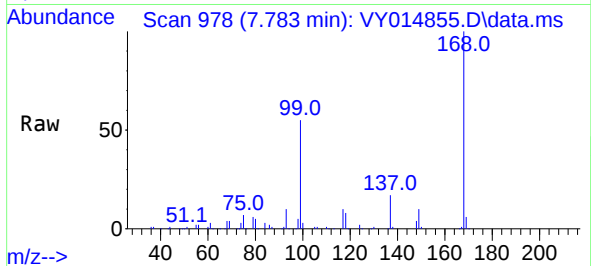




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014855.D
Acq: 26 Jul 2023 17:27

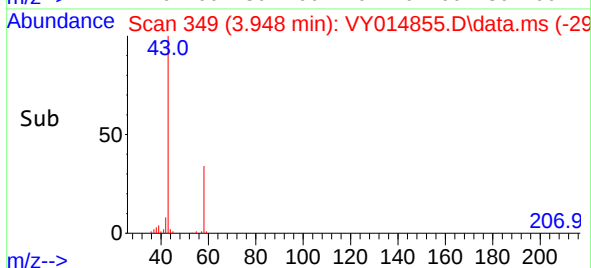
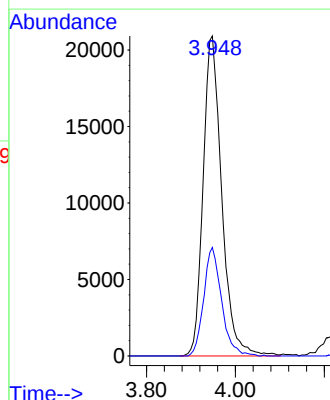
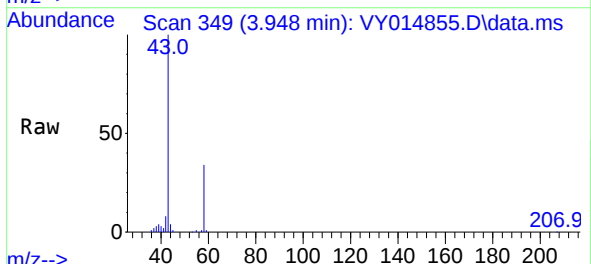
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-1-GRAB-3

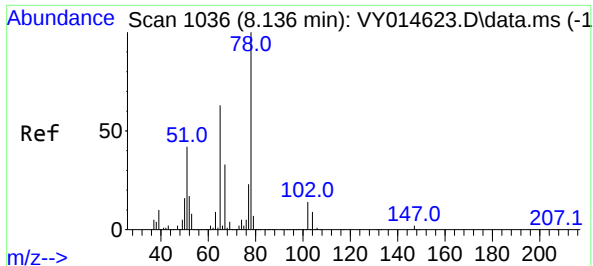
Tgt Ion:168 Resp: 156734
Ion Ratio Lower Upper
168 100
99 55.2 43.4 65.0



#16
Acetone
Concen: 107.978 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014855.D
Acq: 26 Jul 2023 17:27

Tgt Ion: 43 Resp: 61113
Ion Ratio Lower Upper
43 100
58 33.9 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 54.634 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY014855.D

Acq: 26 Jul 2023 17:27

Instrument :

MSVOA_Y

ClientSampleId :

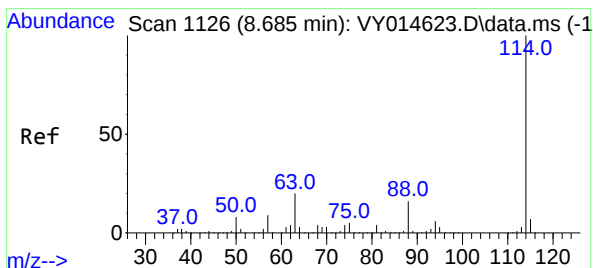
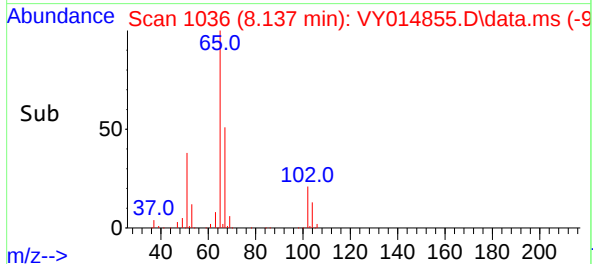
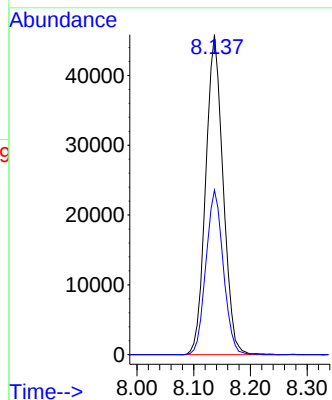
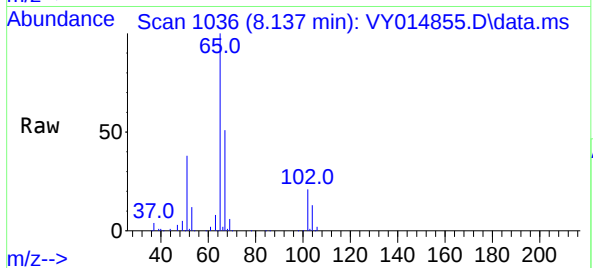
RPTP-1-GRAB-3

Tgt Ion: 65 Resp: 97578

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: VY014855.D

Acq: 26 Jul 2023 17:27

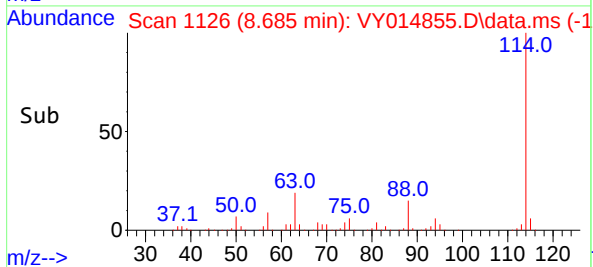
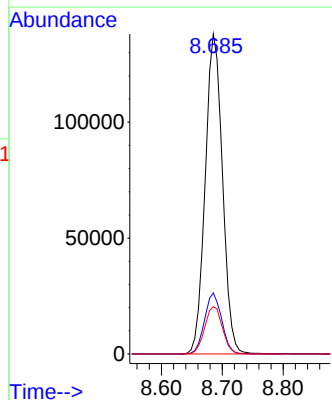
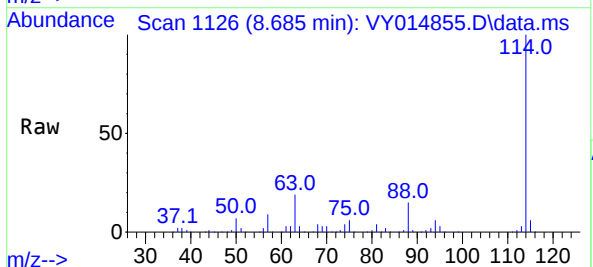
Tgt Ion: 114 Resp: 272262

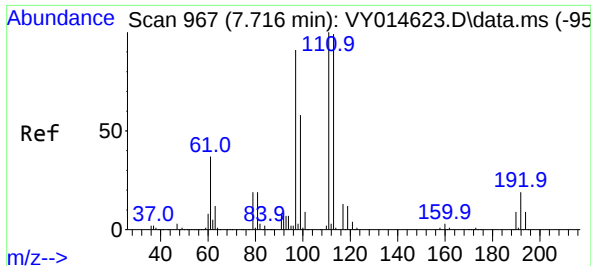
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 14.8 0.0 30.6

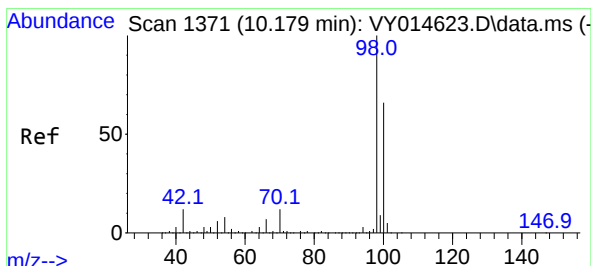
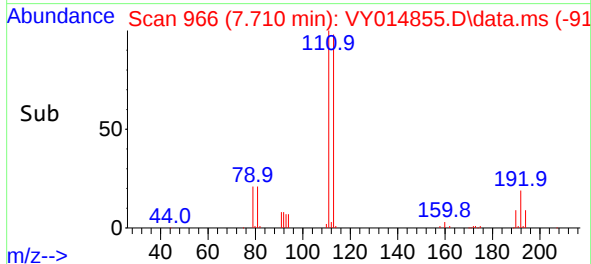
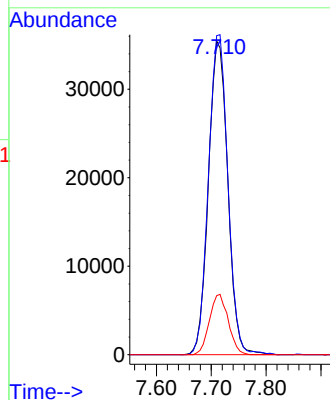
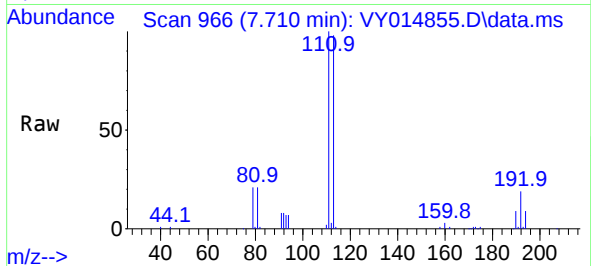




#35
Dibromofluoromethane
Concen: 50.005 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014855.D
Acq: 26 Jul 2023 17:27

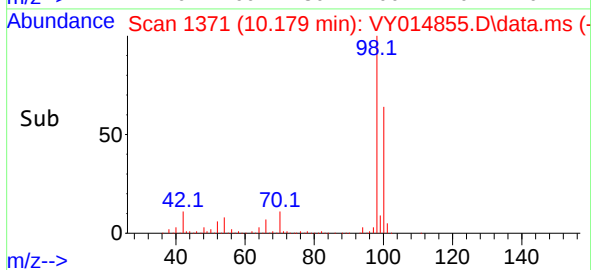
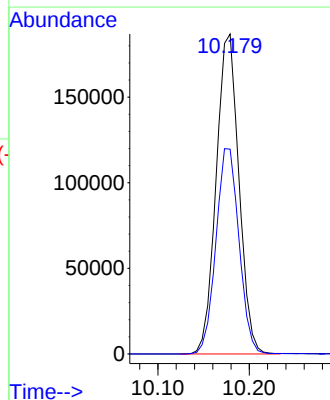
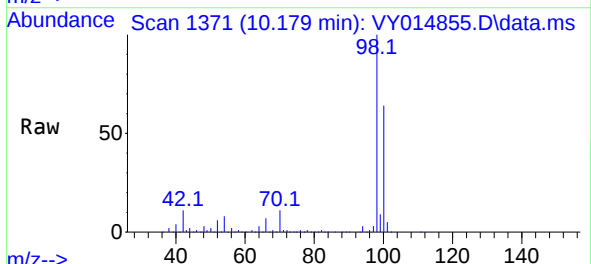
Instrument :
MSVOA_Y
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RPTP-1-GRAB-3

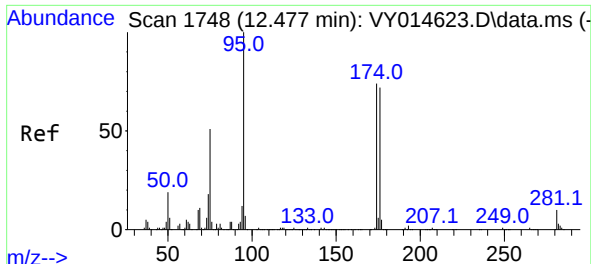
Tgt Ion:113 Resp: 86666
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 18.7 16.9 25.3



#50
Toluene-d8
Concen: 50.573 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014855.D
Acq: 26 Jul 2023 17:27

Tgt Ion: 98 Resp: 323153
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

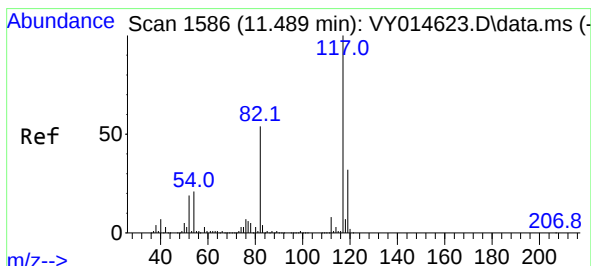
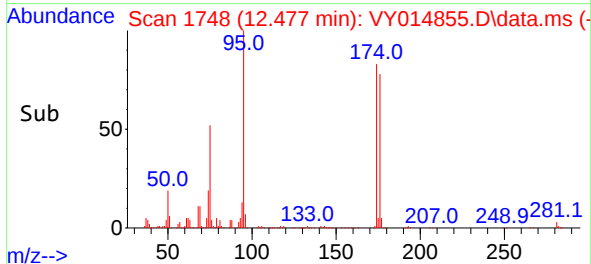
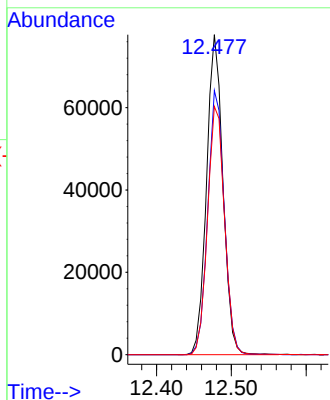
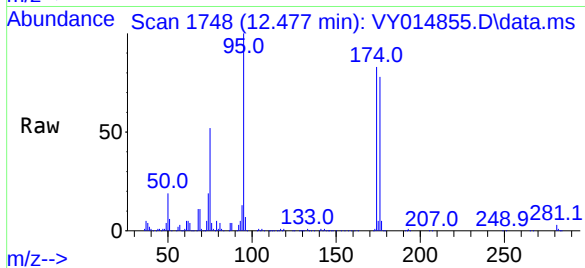




#62
4-Bromofluorobenzene
Concen: 48.148 ug/l
RT: 12.477 min Scan# 117966
Delta R.T. 0.000 min
Lab File: VY014855.D
Acq: 26 Jul 2023 17:27

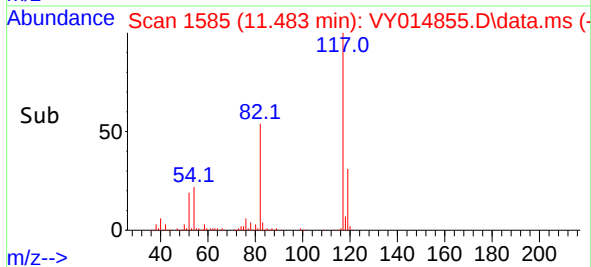
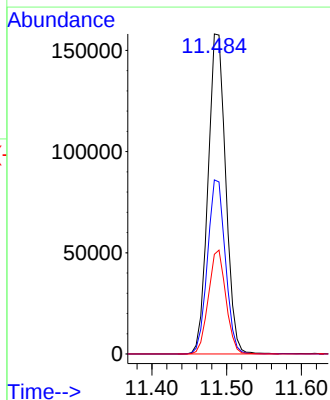
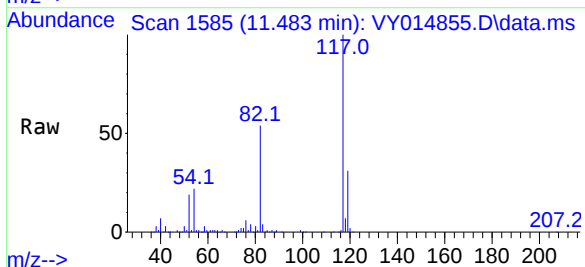
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MSVOA_Y
ClientSampleId :
RPTP-1-GRAB-3

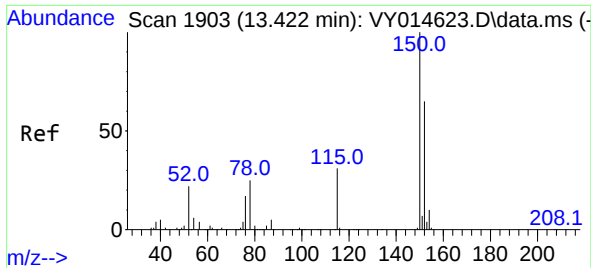
Tgt Ion:	95	Resp:	117966
Ion	Ratio	Lower	Upper
95	100		
174	83.3	0.0	178.2
176	80.8	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY014855.D
Acq: 26 Jul 2023 17:27

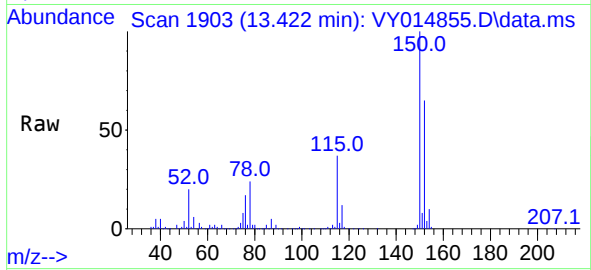
Tgt Ion:	117	Resp:	260251
Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.4	65.0
119	31.1	26.3	39.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014855.D
Acq: 26 Jul 2023 17:27

Instrument :
MSVOA_Y
ClientSampleId :
RPTP-1-GRAB-3



Tgt Ion:152 Resp: 124336
Ion Ratio Lower Upper
152 100
115 58.9 28.8 86.5
150 157.2 0.0 348.8

