

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014856.D
 Acq On : 26 Jul 2023 17:51
 Operator : SY/MD
 Sample : 03681-08
 Misc : 4.32g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RPTP-3-GRAB-5

Quant Time: Jul 27 01:11:19 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)

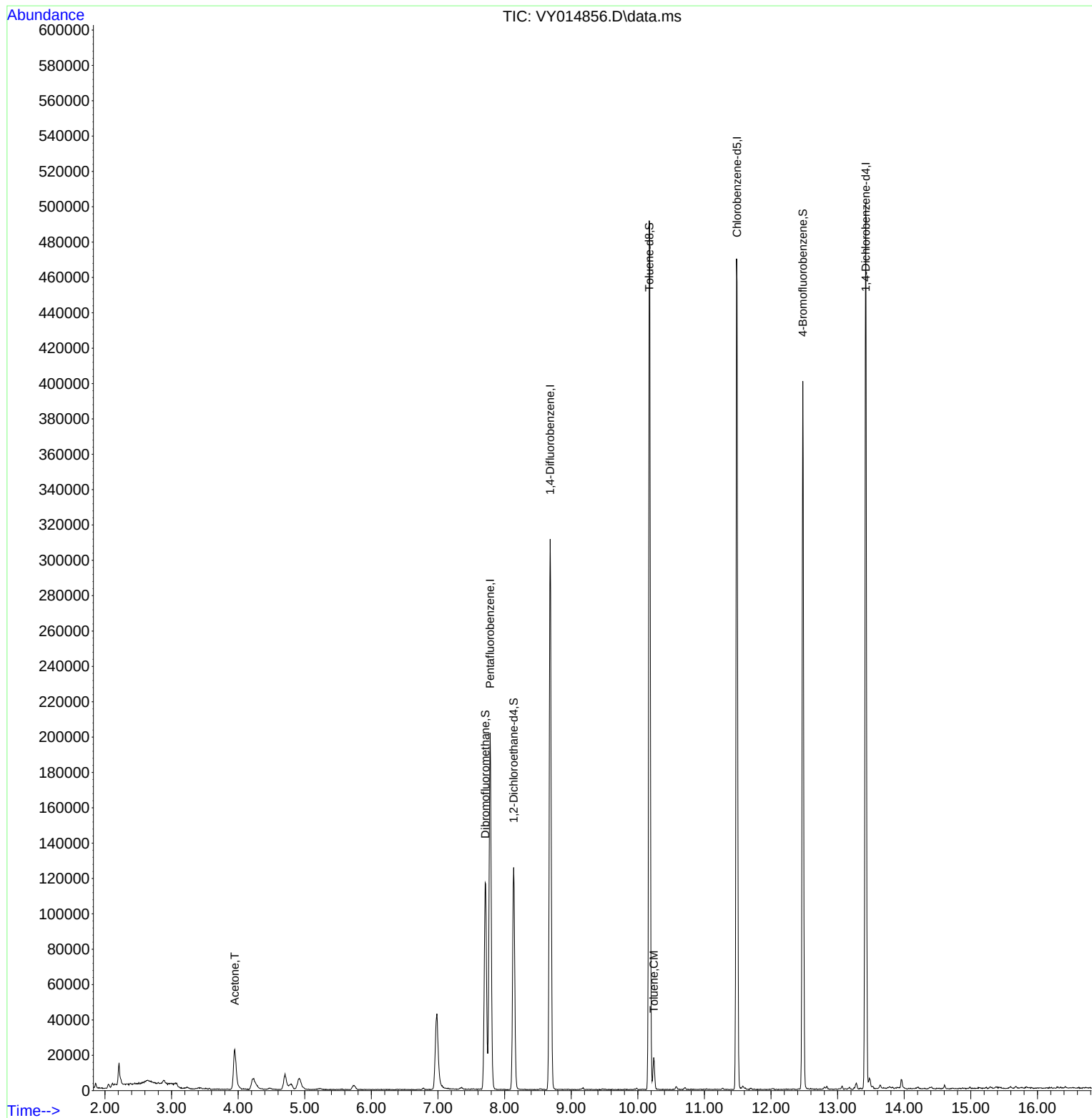
Internal Standards						
1) Pentafluorobenzene	7.783	168	154830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	271612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	257451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	124107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	98144	55.626	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.260%
35) Dibromofluoromethane	7.710	113	83996	48.580	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.160%
50) Toluene-d8	10.173	98	320100	50.216	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.440%
62) 4-Bromofluorobenzene	12.477	95	118683	48.556	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.120%
Target Compounds						Qvalue
16) Acetone	3.948	43	42493	76.002	ug/l	93
52) Toluene	10.240	92	7441	1.581	ug/l	93

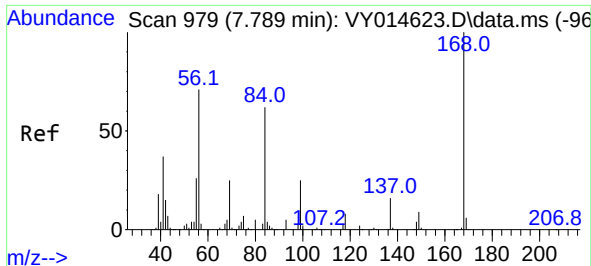
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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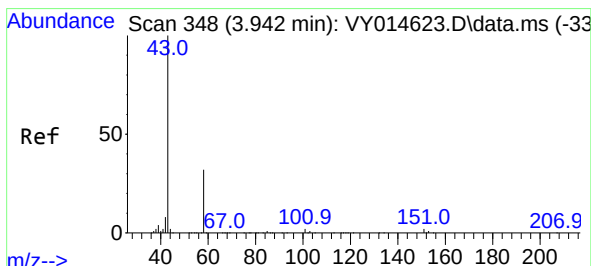
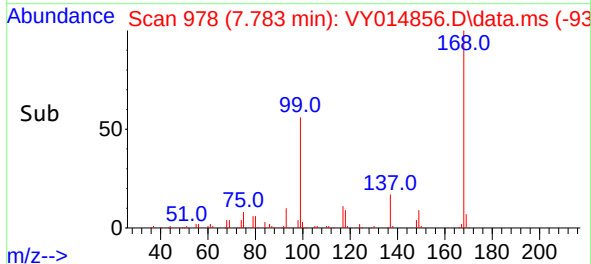
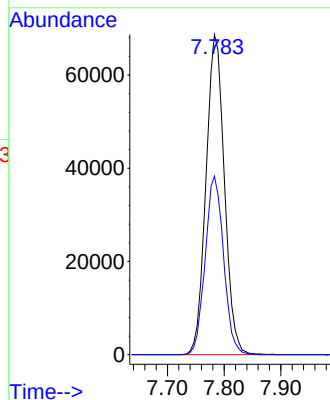
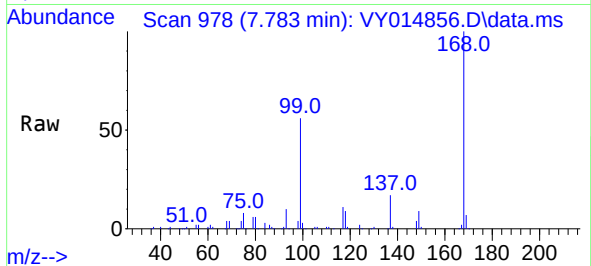




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014856.D
Acq: 26 Jul 2023 17:51

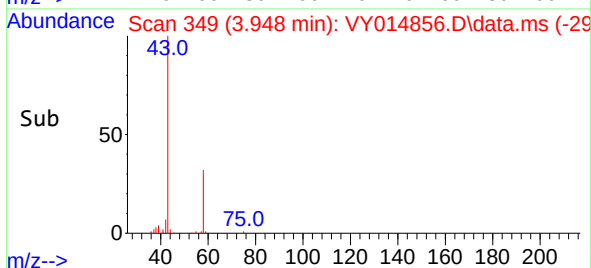
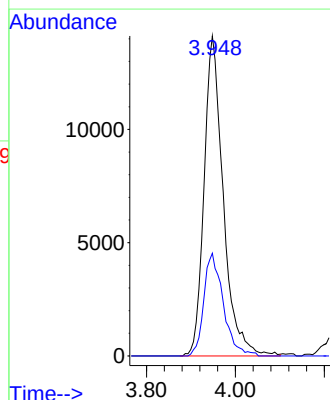
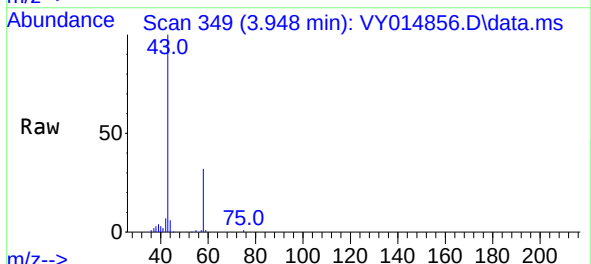
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-3-GRAB-5

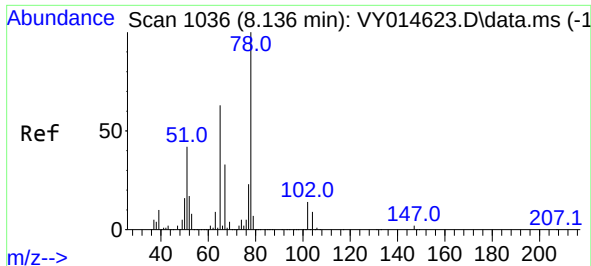
Tgt Ion:168 Resp: 154830
Ion Ratio Lower Upper
168 100
99 55.8 43.4 65.0



#16
Acetone
Concen: 76.002 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014856.D
Acq: 26 Jul 2023 17:51

Tgt Ion: 43 Resp: 42493
Ion Ratio Lower Upper
43 100
58 32.1 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 55.626 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY014856.D

Acq: 26 Jul 2023 17:51

Instrument :

MSVOA_Y

ClientSampleId :

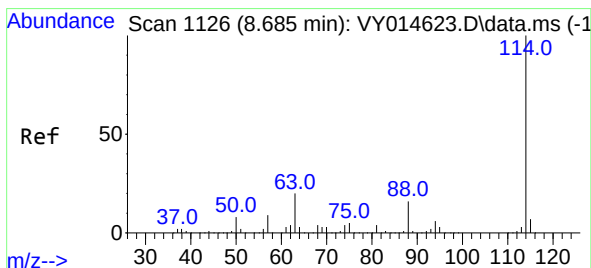
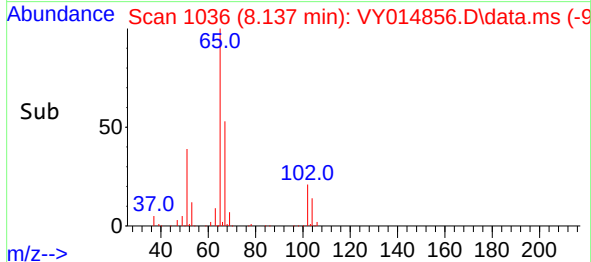
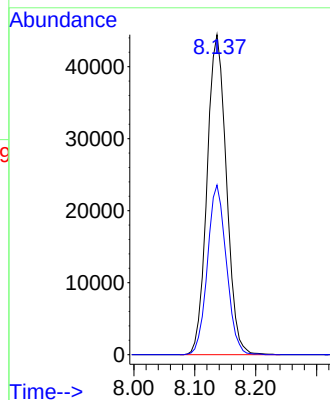
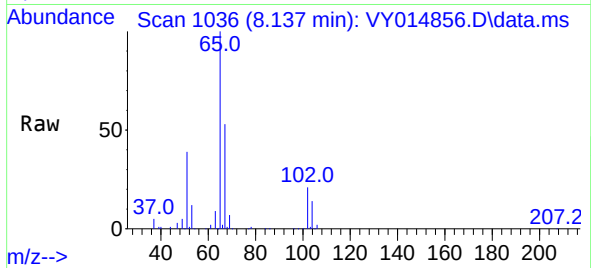
RPTP-3-GRAB-5

Tgt Ion: 65 Resp: 98144

Ion Ratio Lower Upper

65 100

67 51.8 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: VY014856.D

Acq: 26 Jul 2023 17:51

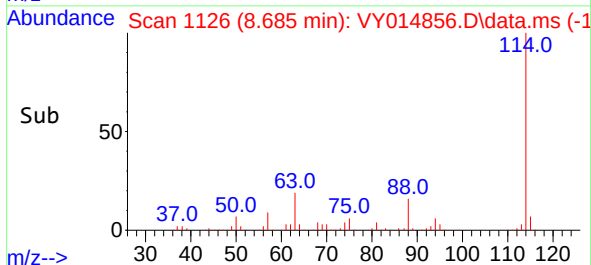
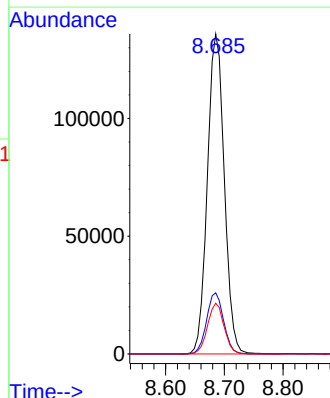
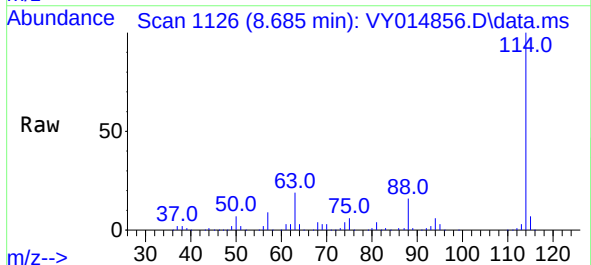
Tgt Ion: 114 Resp: 271612

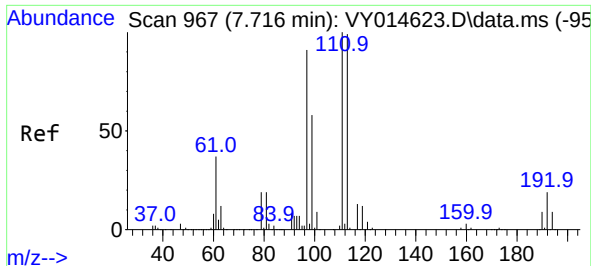
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.9 0.0 30.6

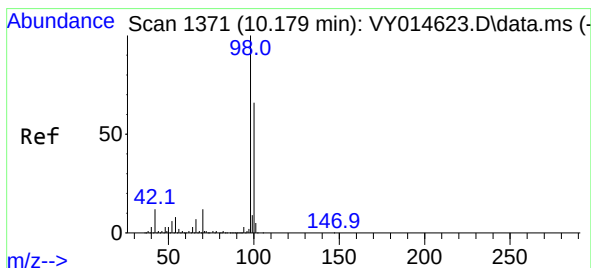
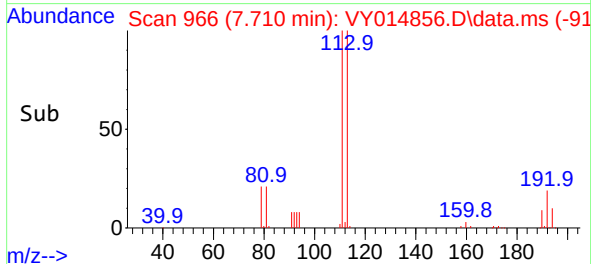
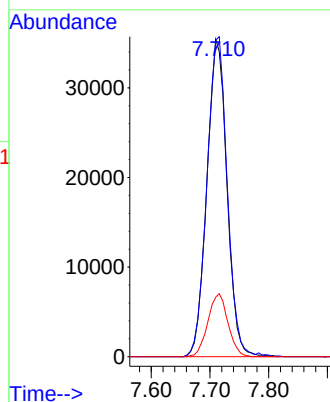
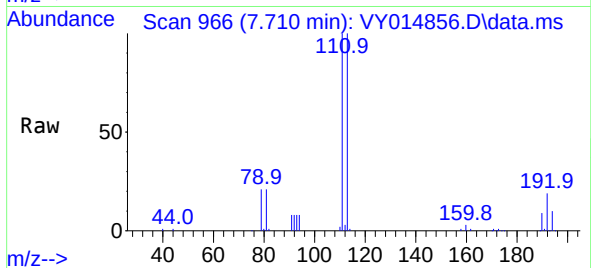




#35
Dibromofluoromethane
Concen: 48.580 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014856.D
Acq: 26 Jul 2023 17:51

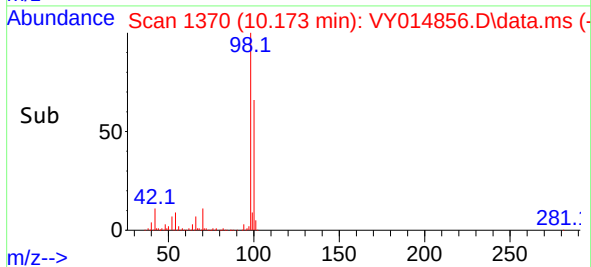
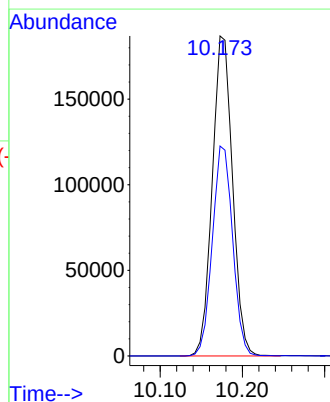
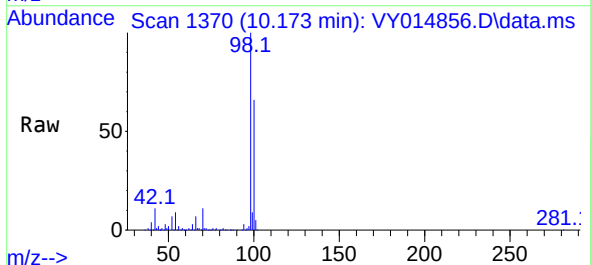
Instrument :
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ClientSampleId :
RPTP-3-GRAB-5

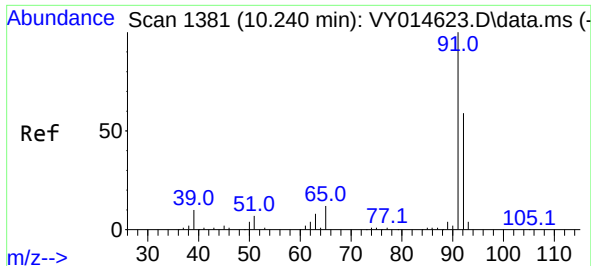
Tgt Ion:113 Resp: 83996
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 19.8 16.9 25.3



#50
Toluene-d8
Concen: 50.216 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY014856.D
Acq: 26 Jul 2023 17:51

Tgt Ion: 98 Resp: 320100
Ion Ratio Lower Upper
98 100
100 65.8 50.1 75.1

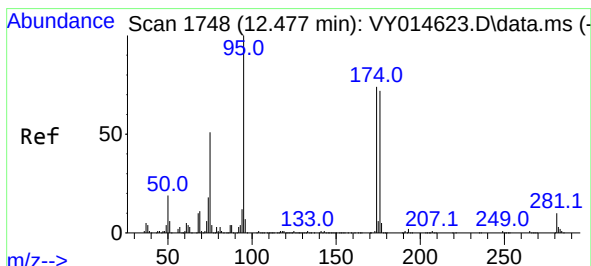
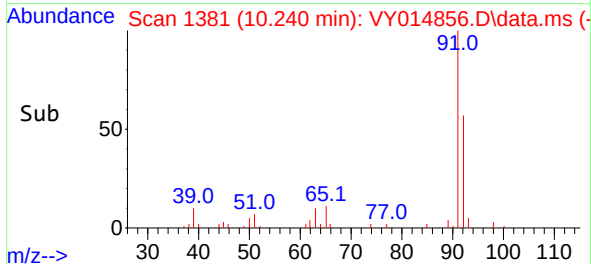
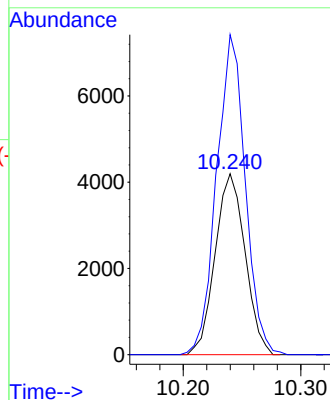
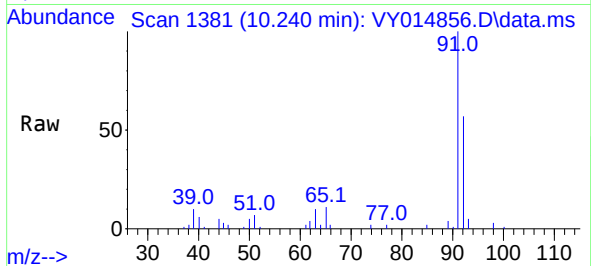




#52
Toluene
Concen: 1.581 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014856.D
Acq: 26 Jul 2023 17:51

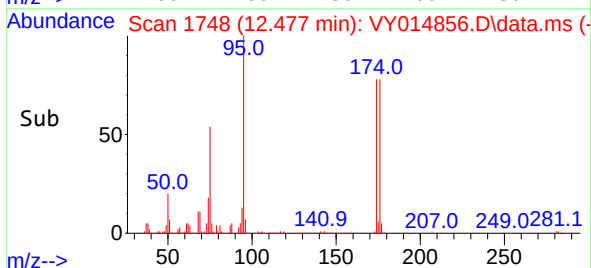
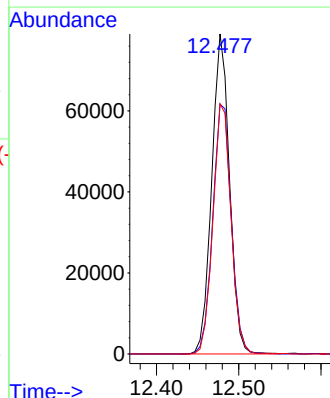
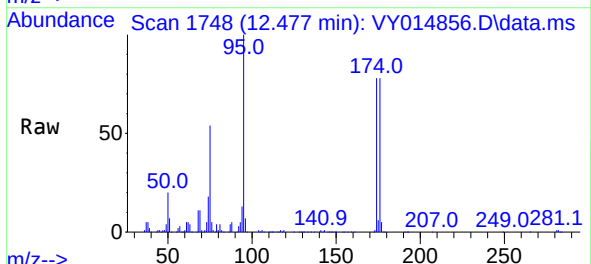
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-3-GRAB-5

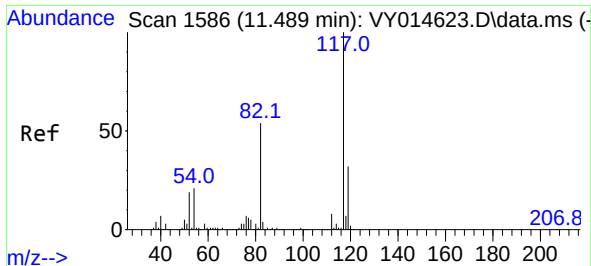
Tgt Ion: 92 Resp: 7441
Ion Ratio Lower Upper
92 100
91 169.2 143.8 215.6



#62
4-Bromofluorobenzene
Concen: 48.556 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014856.D
Acq: 26 Jul 2023 17:51

Tgt Ion: 95 Resp: 118683
Ion Ratio Lower Upper
95 100
174 81.3 0.0 178.2
176 79.3 0.0 173.8

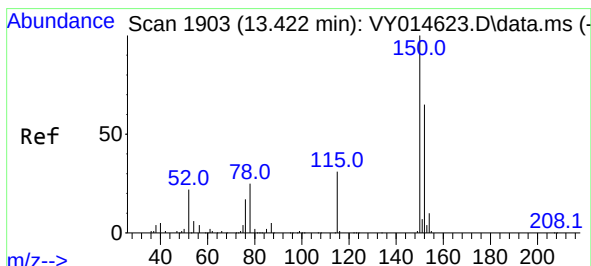
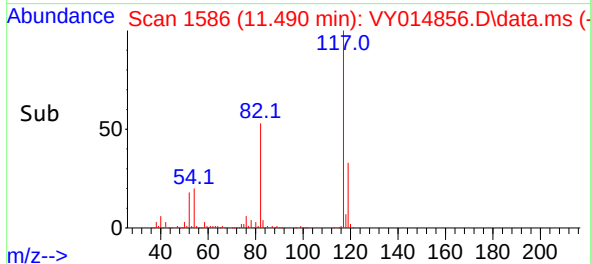
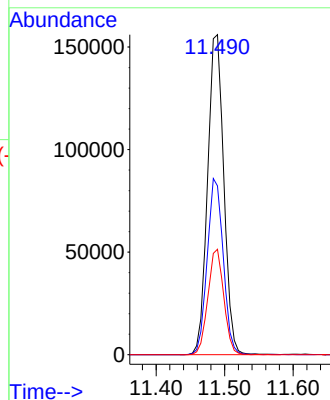
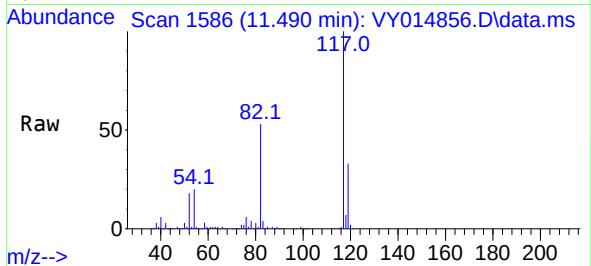




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014856.D
Acq: 26 Jul 2023 17:51

Instrument :
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ClientSampleId :
RPTP-3-GRAB-5

Tgt Ion:117 Resp: 257451
Ion Ratio Lower Upper
117 100
82 52.7 43.4 65.0
119 32.9 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: VY014856.D
Acq: 26 Jul 2023 17:51

Tgt Ion:152 Resp: 124107
Ion Ratio Lower Upper
152 100
115 59.0 28.8 86.5
150 158.6 0.0 348.8

