

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072123\
 Data File : VY014745.D
 Acq On : 21 Jul 2023 14:32
 Operator : SY/MD
 Sample : 03681-14
 Misc : 4.93g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RPTP-5-GRAB-9

Quant Time: Jul 22 05:37:03 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)

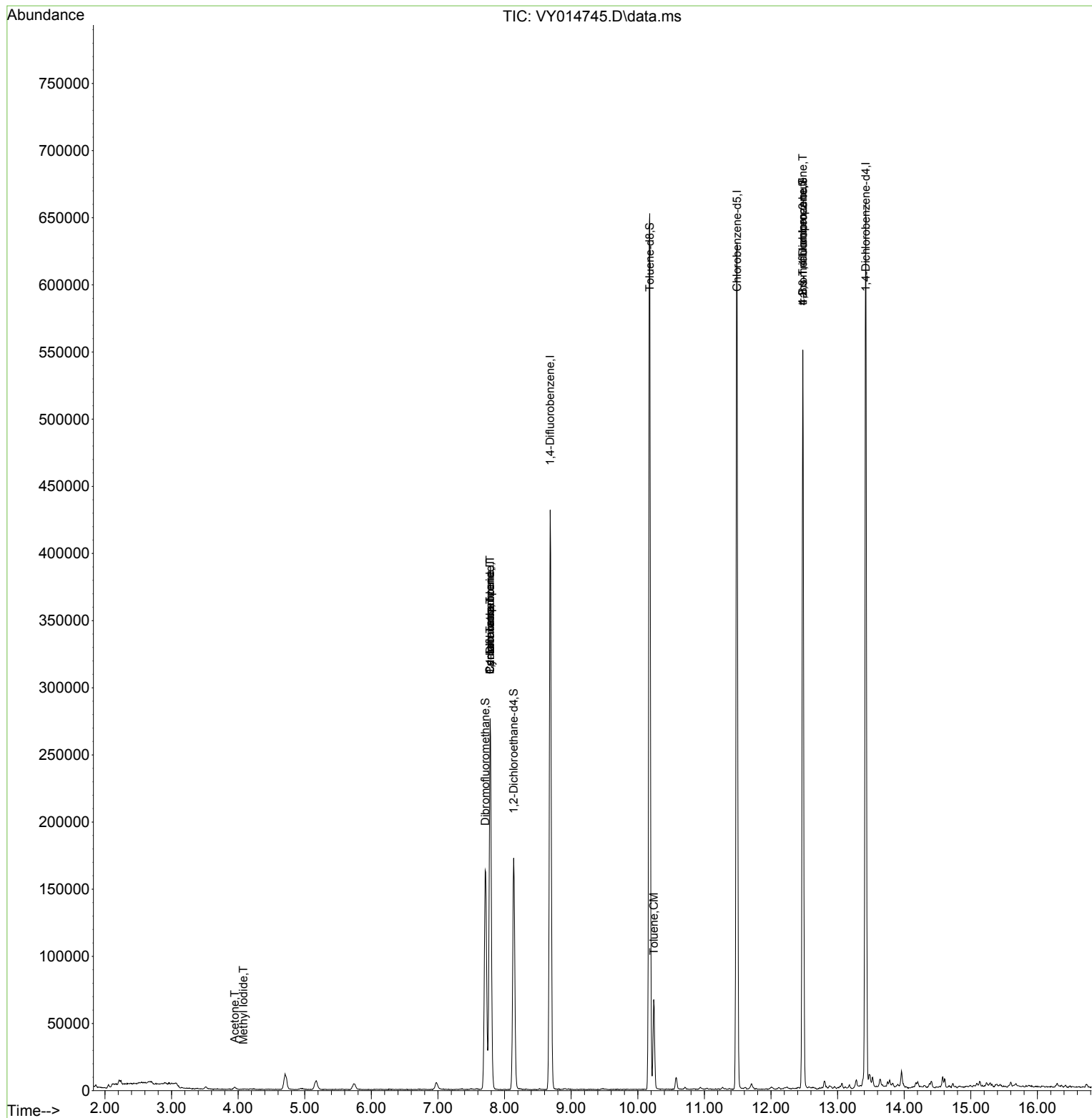
Internal Standards						
1) Pentafluorobenzene	7.783	168	211809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	369835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	350721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	165272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	133125	55.155	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.320%	
35) Dibromofluoromethane	7.710	113	118689	50.414	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.820%	
50) Toluene-d8	10.179	98	434668	50.079	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.160%	
62) 4-Bromofluorobenzene	12.477	95	164959	49.565	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.120%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.076	142	567	2.598	ug/l #	78
11) Tert butyl alcohol	4.942	59	670	Below Cal	#	86
16) Acetone	3.948	43	2932	3.833	ug/l	93
20) Methylene Chloride	4.704	84	8526	Below Cal		91
31) Cyclohexane	7.783	56	4336	1.082	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	16087	4.569	ug/l #	50
38) Carbon Tetrachloride	7.783	117	21036	5.652	ug/l #	17
52) Toluene	10.240	92	27097	4.229	ug/l	96
76) 1,2,3-Trichloropropane	12.477	75	86513	41.447	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	86513	80.248	ug/l #	10

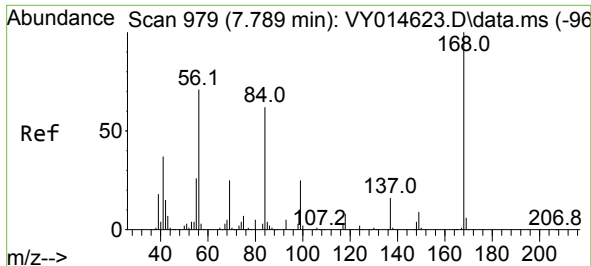
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

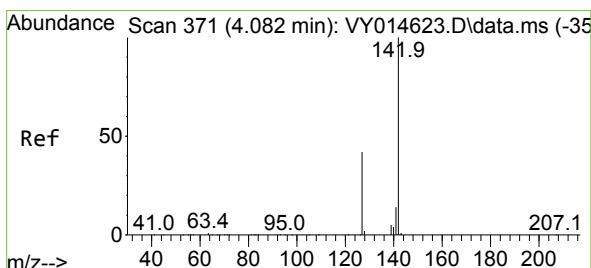
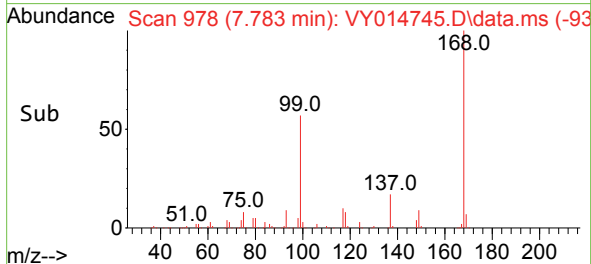
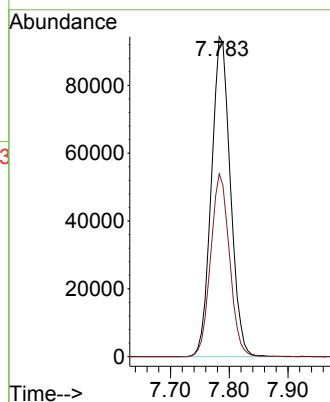
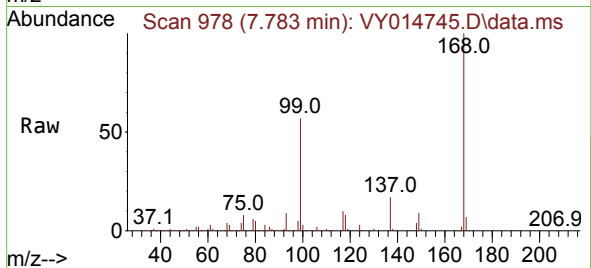




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014745.D
Acq: 21 Jul 2023 14:32

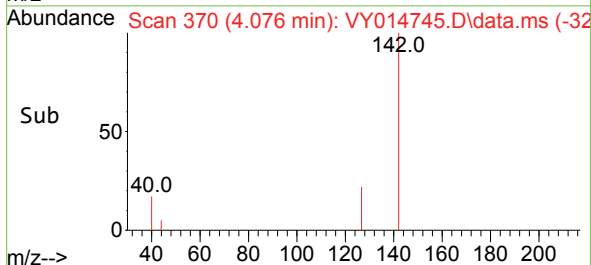
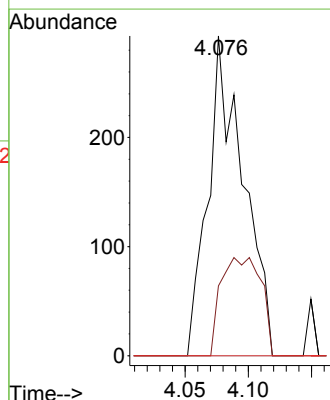
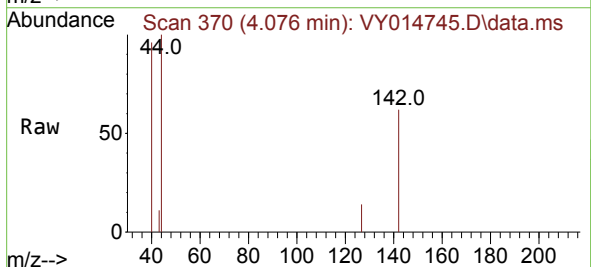
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-5-GRAB-9

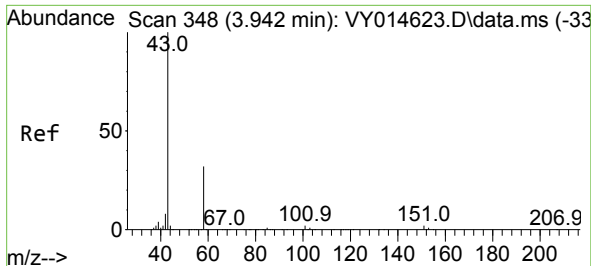
Tgt Ion:168 Resp: 211809
Ion Ratio Lower Upper
168 100
99 57.1 43.4 65.0



#10
Methyl Iodide
Concen: 2.598 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY014745.D
Acq: 21 Jul 2023 14:32

Tgt Ion:142 Resp: 567
Ion Ratio Lower Upper
142 100
127 35.1 37.6 56.4#
141 0.0 11.8 17.8#

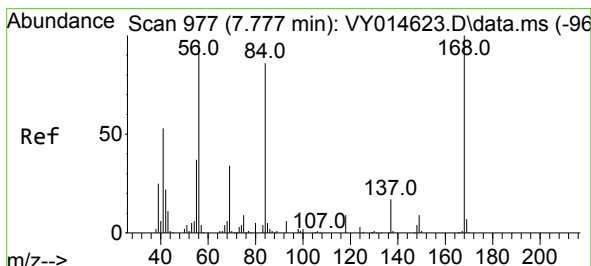
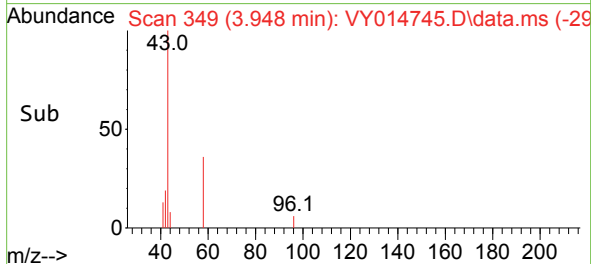
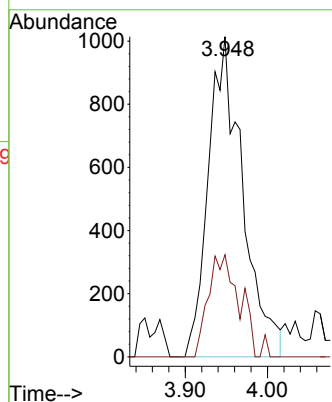
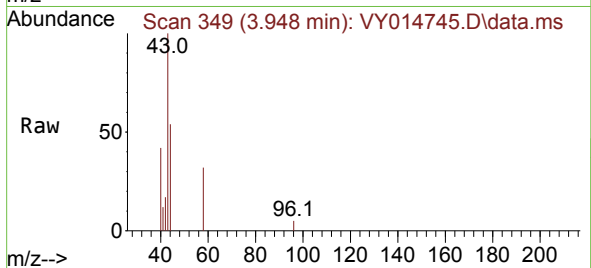




#16
Acetone
Concen: 3.833 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY014745.D
Acq: 21 Jul 2023 14:32

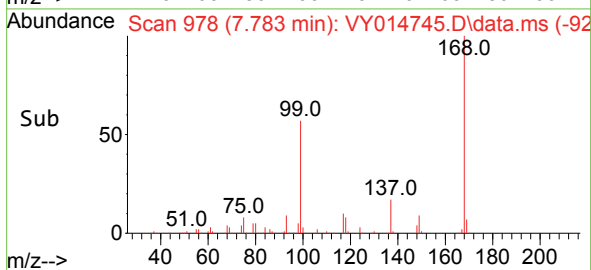
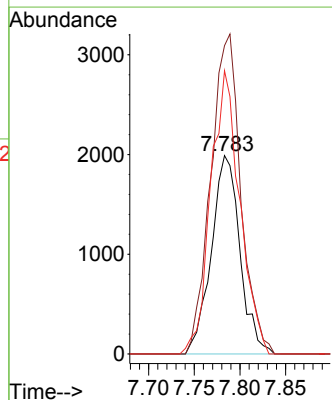
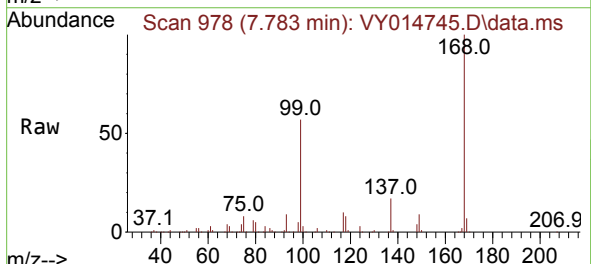
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-5-GRAB-9

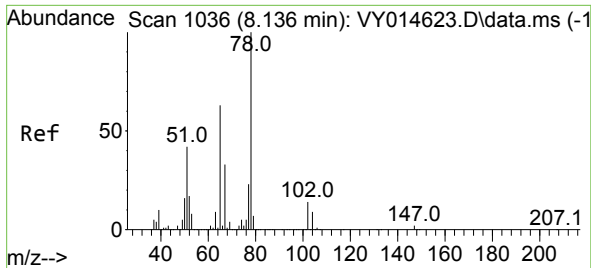
Tgt Ion: 43 Resp: 2932
Ion Ratio Lower Upper
43 100
58 31.9 22.7 34.1



#31
Cyclohexane
Concen: 1.082 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY014745.D
Acq: 21 Jul 2023 14:32

Tgt Ion: 56 Resp: 4336
Ion Ratio Lower Upper
56 100
69 155.4 27.8 41.6#
84 142.7 66.4 99.6#

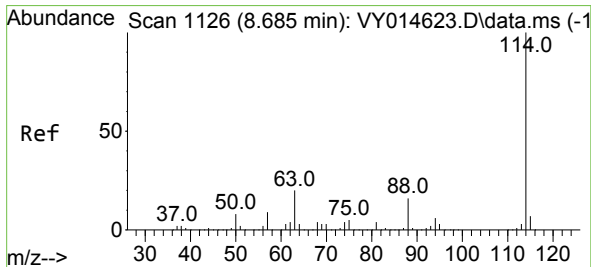
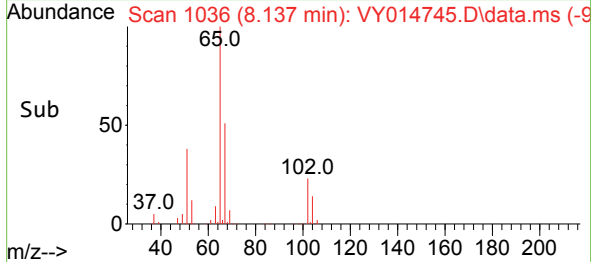
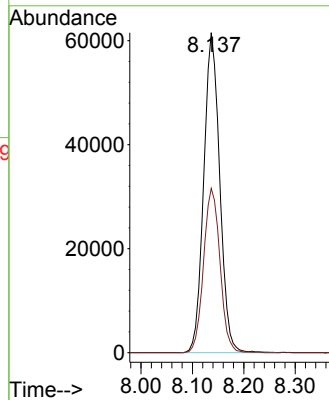
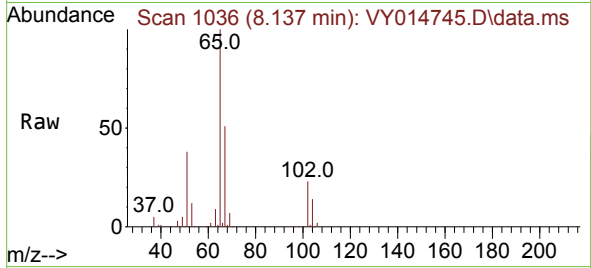




#33
 1,2-Dichloroethane-d4
 Concen: 55.155 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.001 min
 Lab File: VY014745.D
 Acq: 21 Jul 2023 14:32

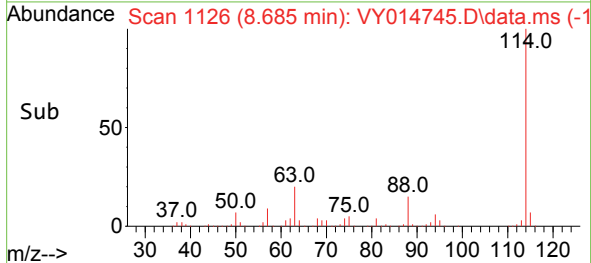
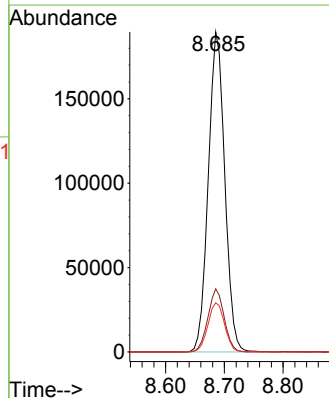
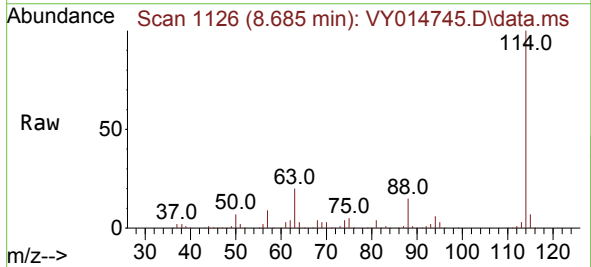
Instrument :
 MSVOA_Y
 ClientSampleId :
 RPTP-5-GRAB-9

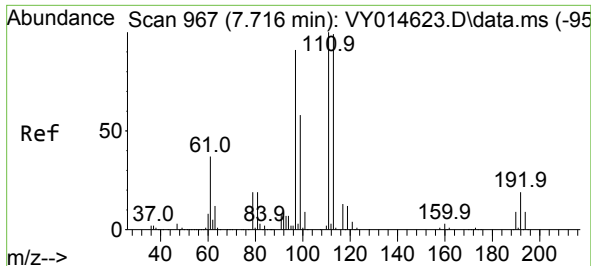
Tgt Ion: 65 Resp: 133125
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY014745.D
 Acq: 21 Jul 2023 14:32

Tgt Ion: 114 Resp: 369835
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 42.4
 88 15.4 0.0 30.6

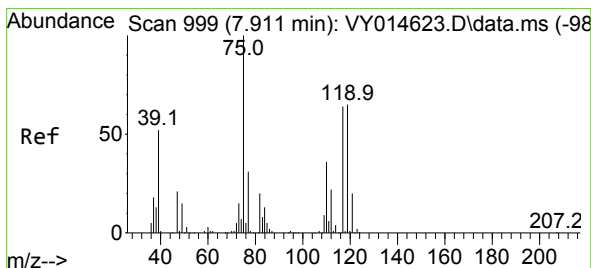
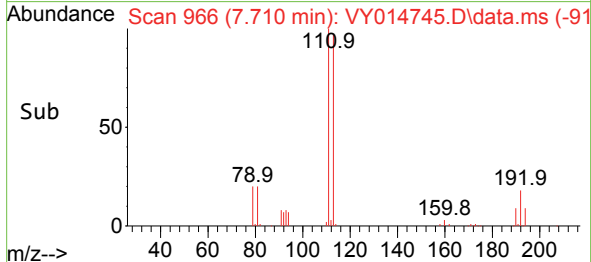
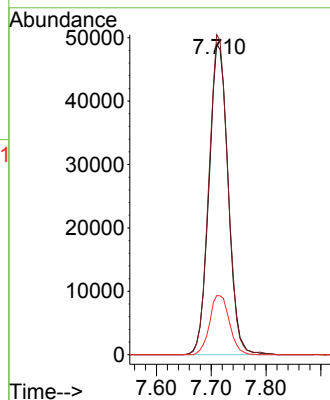
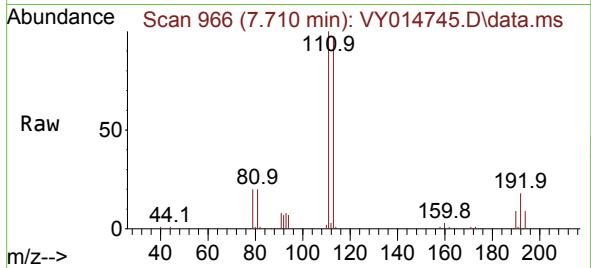




#35
Dibromofluoromethane
Concen: 50.414 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014745.D
Acq: 21 Jul 2023 14:32

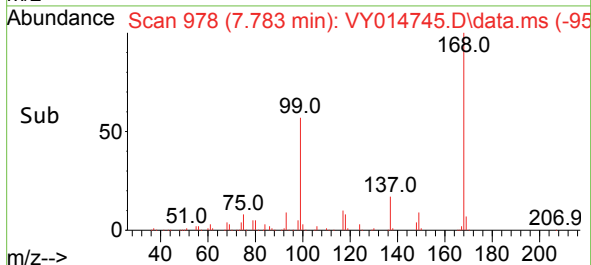
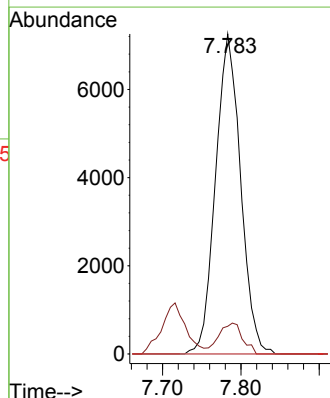
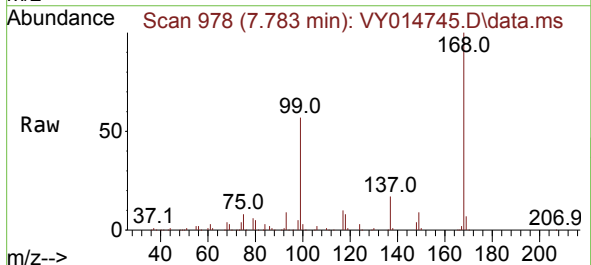
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-5-GRAB-9

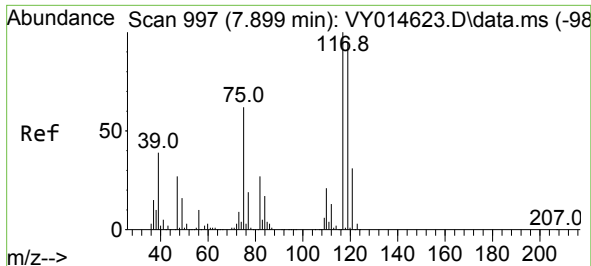
Tgt Ion:113 Resp: 118689
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.569 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY014745.D
Acq: 21 Jul 2023 14:32

Tgt Ion: 75 Resp: 16087
Ion Ratio Lower Upper
75 100
110 9.3 17.8 53.5#
77 0.0 24.4 36.6#

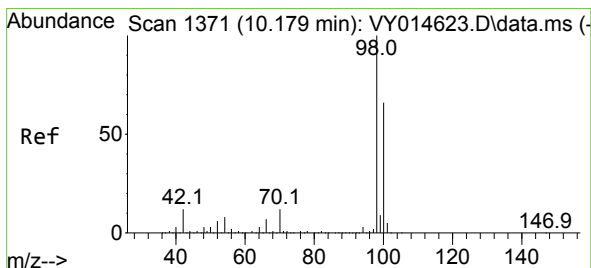
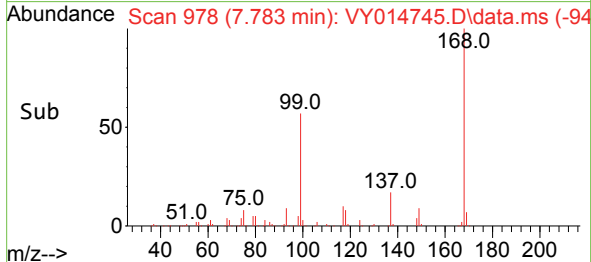
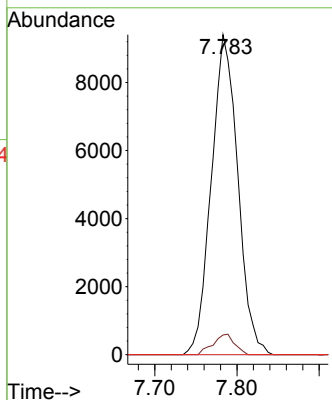
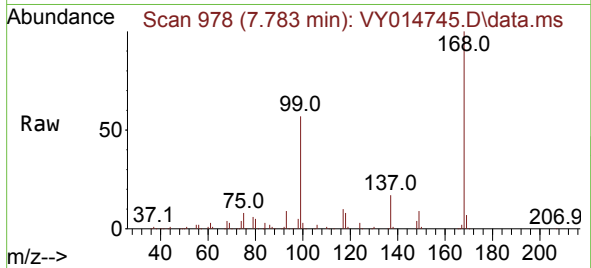




#38
Carbon Tetrachloride
Concen: 5.652 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY014745.D
Acq: 21 Jul 2023 14:32

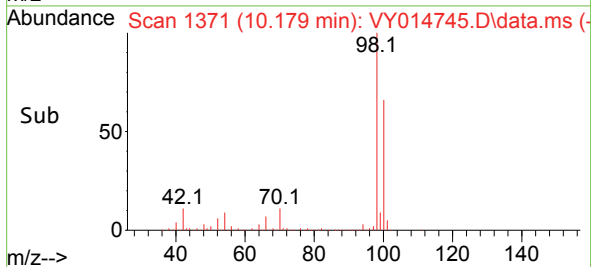
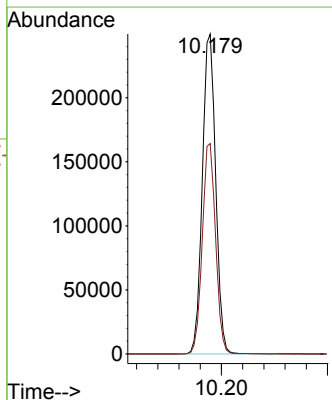
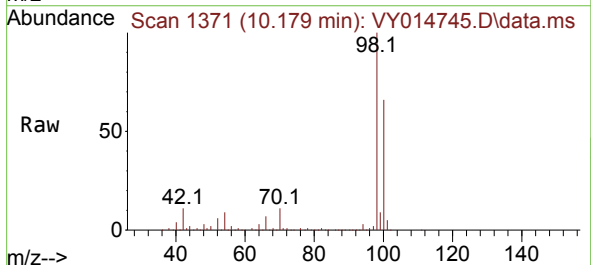
Instrument :
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ClientSampleId :
RPTP-5-GRAB-9

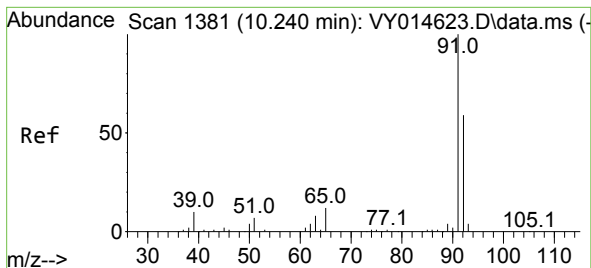
Tgt Ion:117 Resp: 21036
Ion Ratio Lower Upper
117 100
119 6.2 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.079 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014745.D
Acq: 21 Jul 2023 14:32

Tgt Ion: 98 Resp: 434668
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1





#52

Toluene

Concen: 4.229 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VY014745.D

Acq: 21 Jul 2023 14:32

Instrument :

MSVOA_Y

ClientSampleId :

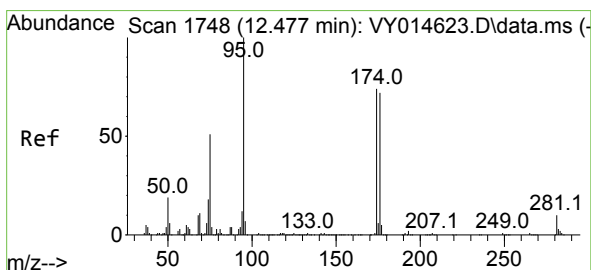
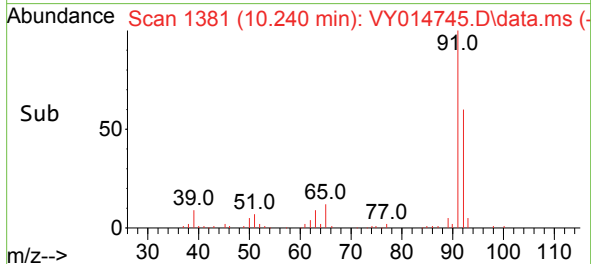
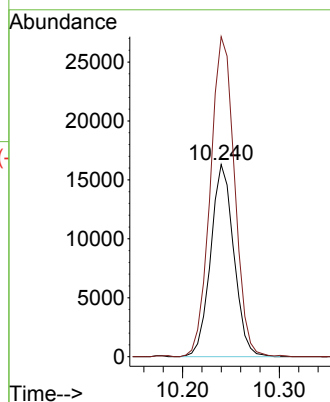
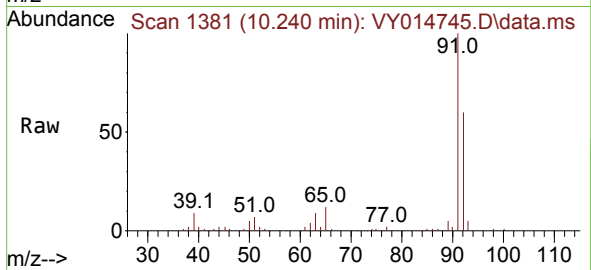
RPTP-5-GRAB-9

Tgt Ion: 92 Resp: 27097

Ion Ratio Lower Upper

92 100

91 174.7 143.8 215.6



#62

4-Bromofluorobenzene

Concen: 49.565 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY014745.D

Acq: 21 Jul 2023 14:32

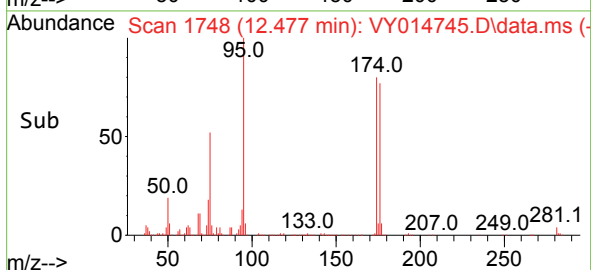
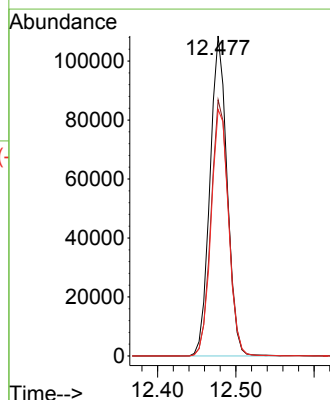
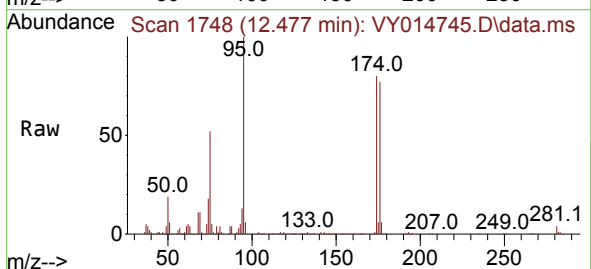
Tgt Ion: 95 Resp: 164959

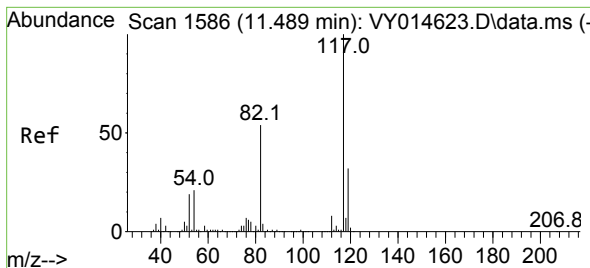
Ion Ratio Lower Upper

95 100

174 81.4 0.0 178.2

176 78.8 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: VY014745.D

Acq: 21 Jul 2023 14:32

Instrument :

MSVOA_Y

ClientSampleId :

RPTP-5-GRAB-9

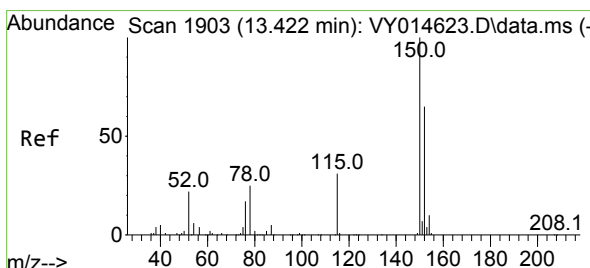
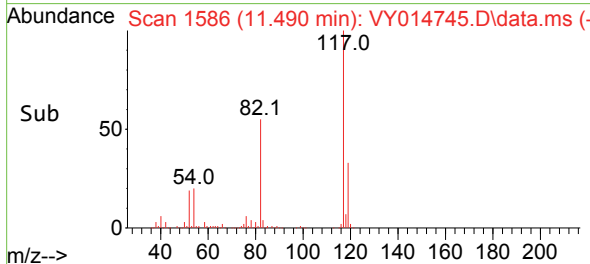
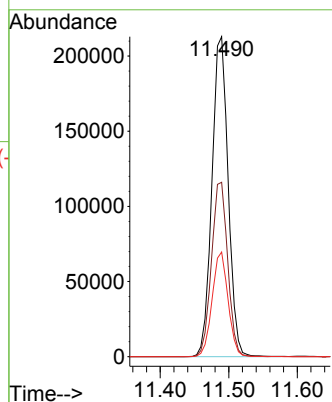
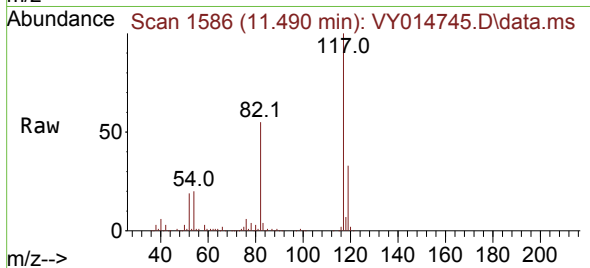
Tgt Ion:117 Resp: 350721

Ion Ratio Lower Upper

117 100

82 54.5 43.4 65.0

119 32.7 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: VY014745.D

Acq: 21 Jul 2023 14:32

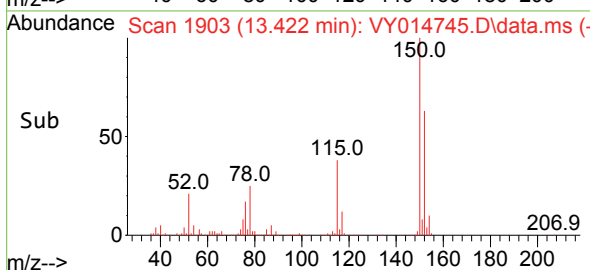
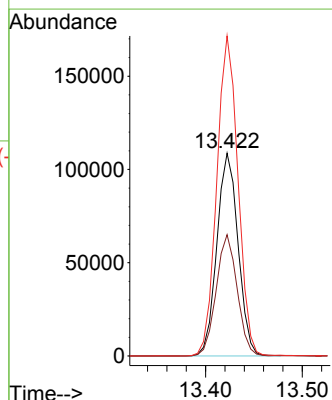
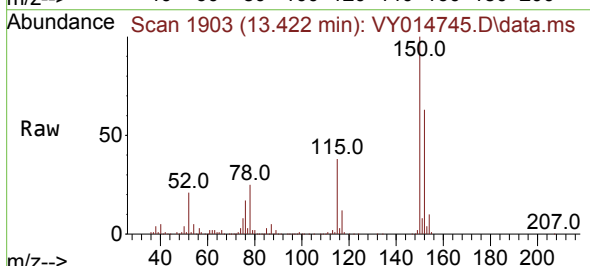
Tgt Ion:152 Resp: 165272

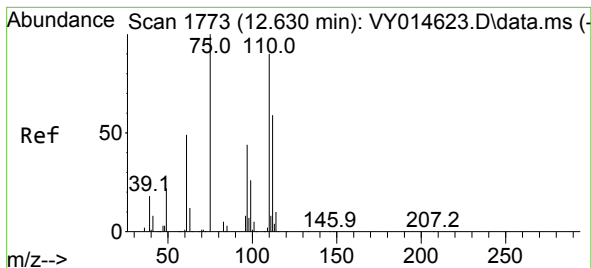
Ion Ratio Lower Upper

152 100

115 59.4 28.8 86.5

150 157.7 0.0 348.8

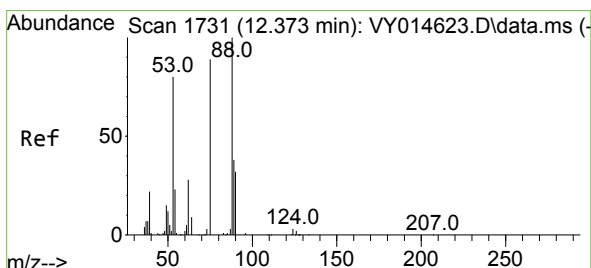
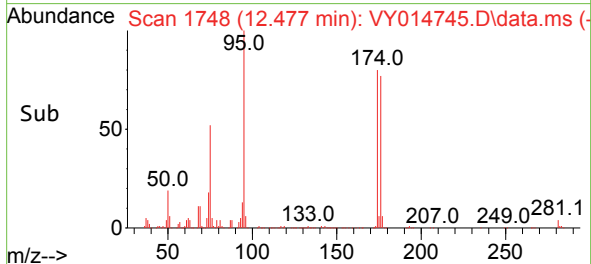
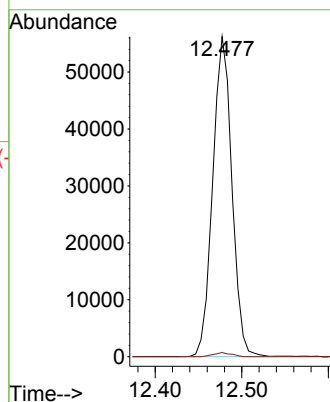
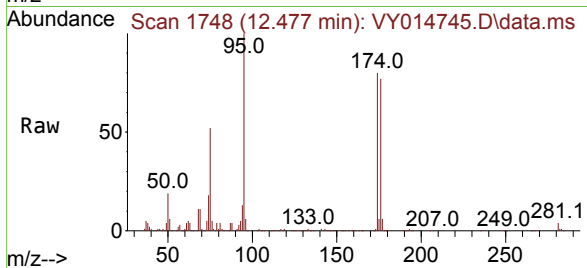




#76
1,2,3-Trichloropropane
Concen: 41.447 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY014745.D
Acq: 21 Jul 2023 14:32

Instrument :
MSVOA_Y
ClientSampleId :
RPTP-5-GRAB-9

Tgt Ion: 75 Resp: 86513
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.248 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY014745.D
Acq: 21 Jul 2023 14:32

Tgt Ion: 75 Resp: 86513
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

