

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014798.D
 Acq On : 25 Jul 2023 13:46
 Operator : SY/MD
 Sample : 03681-21
 Misc : 4.51g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RPTP-7-GRAB-14

Quant Time: Jul 26 01:17:45 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)

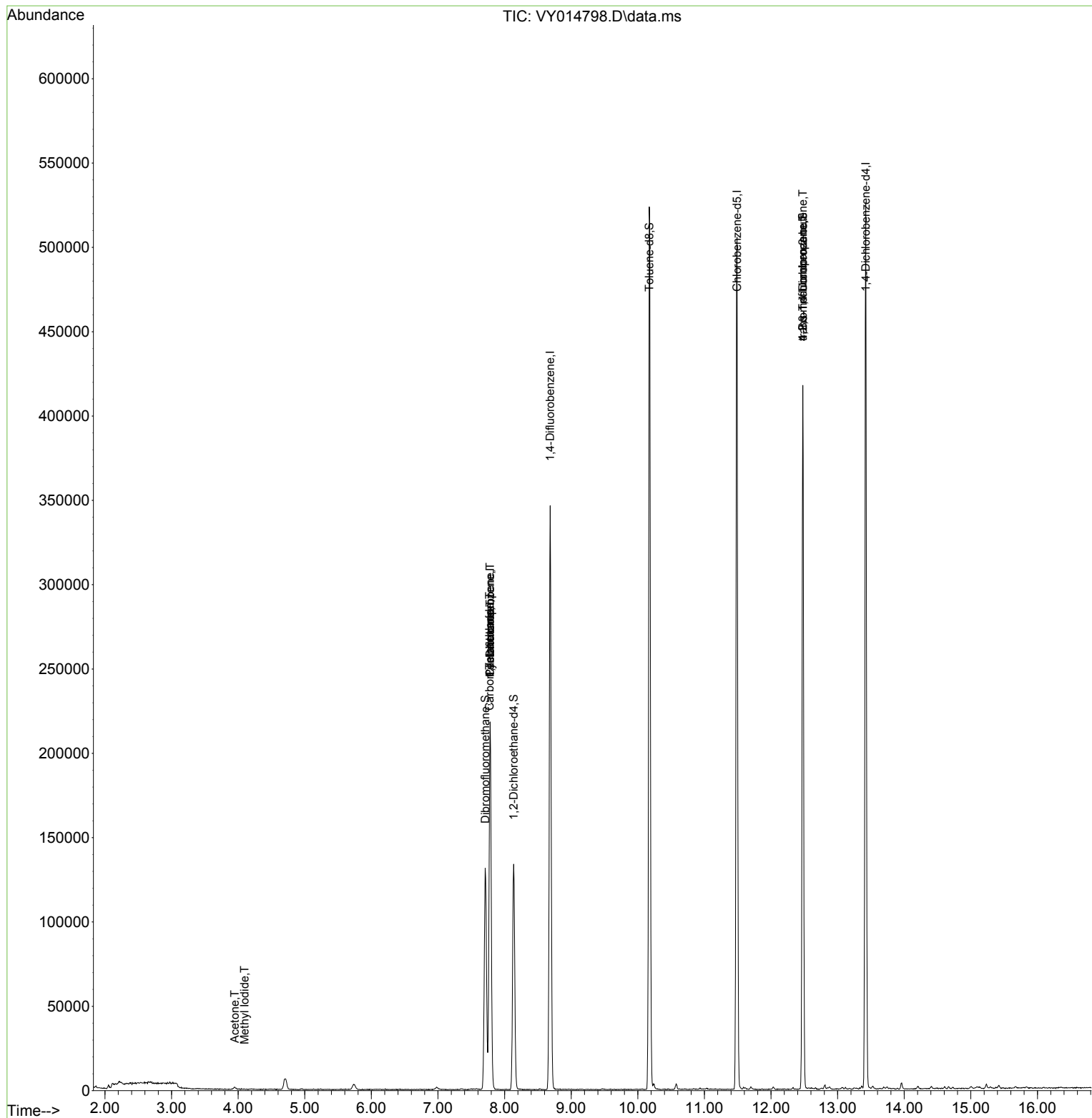
Internal Standards						
1) Pentafluorobenzene	7.783	168	169197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	293413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	278265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	130971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	106206	55.084	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 110.160%		
35) Dibromofluoromethane	7.710	113	92389	49.464	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 98.920%		
50) Toluene-d8	10.173	98	349167	50.706	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 101.420%		
62) 4-Bromofluorobenzene	12.477	95	127621	48.334	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 96.660%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.094	142	202	2.471	ug/l #	38
11) Tert butyl alcohol	4.960	59	379	Below Cal	#	89
16) Acetone	3.948	43	2048	3.352	ug/l #	72
20) Methylene Chloride	4.710	84	5010	Below Cal	#	84
31) Cyclohexane	7.783	56	3415	1.067	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	13080	4.683	ug/l #	50
38) Carbon Tetrachloride	7.777	117	17054	5.776	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	67578	40.854	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	67578	79.101	ug/l #	10

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

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RPTP-7-GRAB-14

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QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

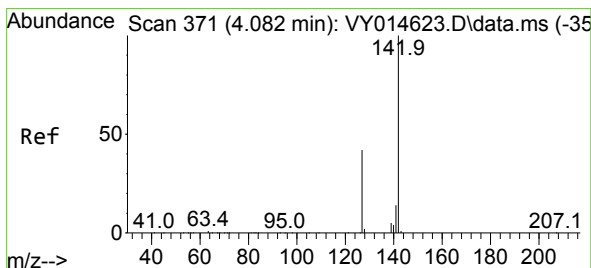
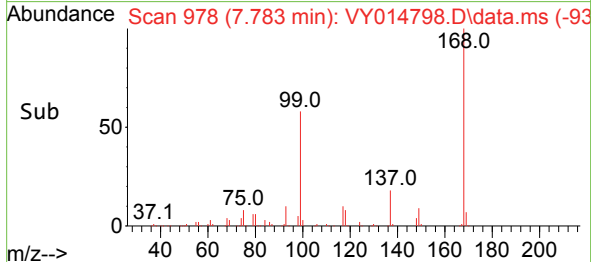
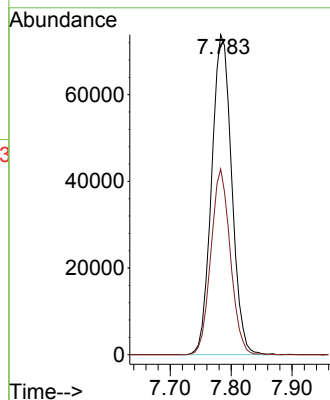
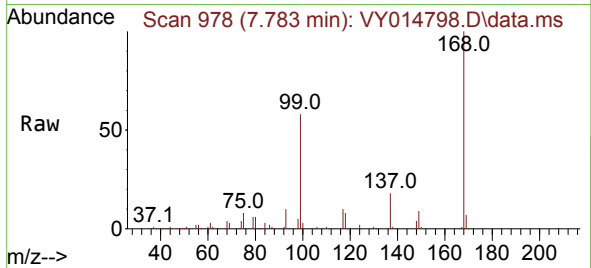




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014798.D
Acq: 25 Jul 2023 13:46

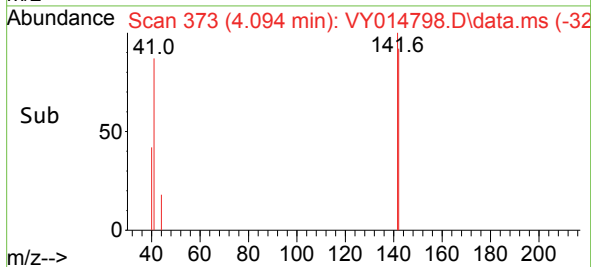
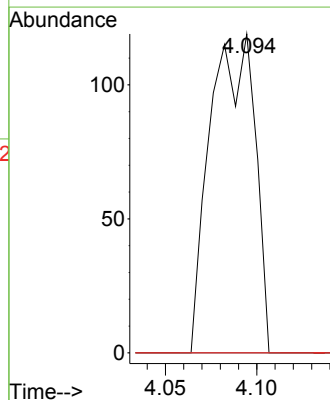
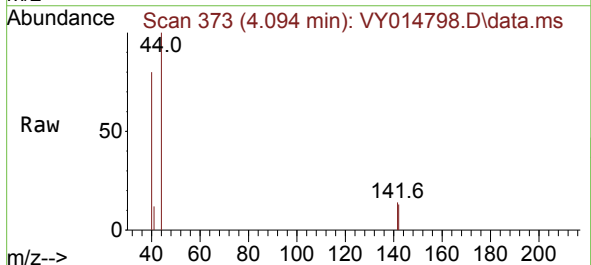
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-7-GRAB-14

Tgt Ion:168 Resp: 169197
Ion Ratio Lower Upper
168 100
99 58.0 43.4 65.0



#10
Methyl Iodide
Concen: 2.471 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.012 min
Lab File: VY014798.D
Acq: 25 Jul 2023 13:46

Tgt Ion:142 Resp: 202
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#





#16

Acetone

Concen: 3.352 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY014798.D

Acq: 25 Jul 2023 13:46

Instrument :

MSVOA_Y

ClientSampleId :

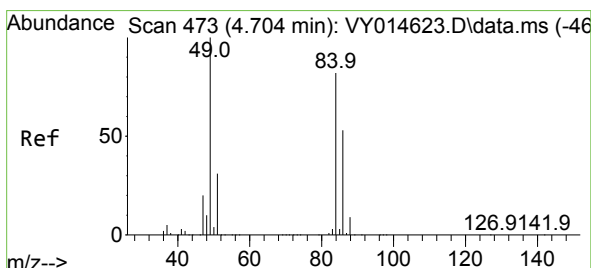
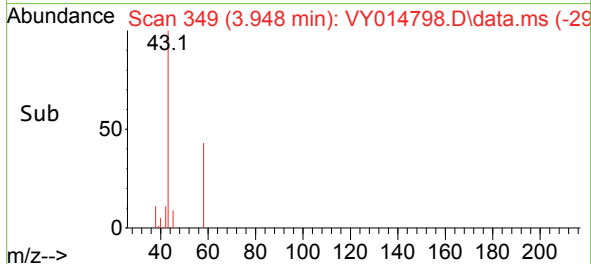
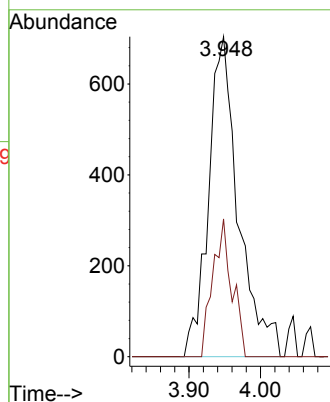
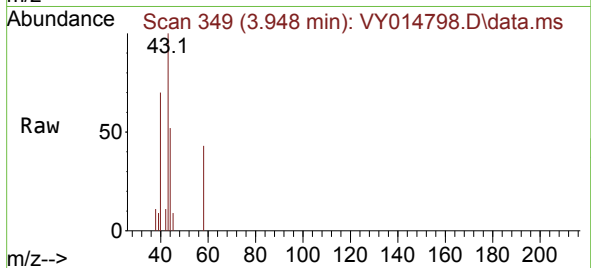
RPTP-7-GRAB-14

Tgt Ion: 43 Resp: 2048

Ion Ratio Lower Upper

43 100

58 43.0 22.7 34.1#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY014798.D

Acq: 25 Jul 2023 13:46

Tgt Ion: 84 Resp: 5010

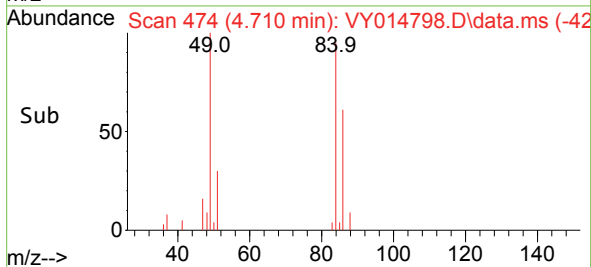
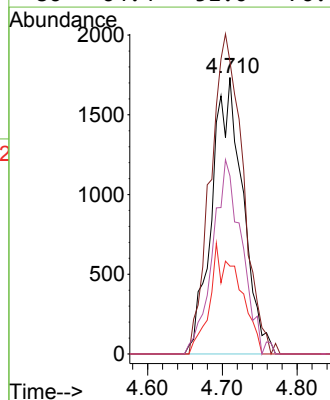
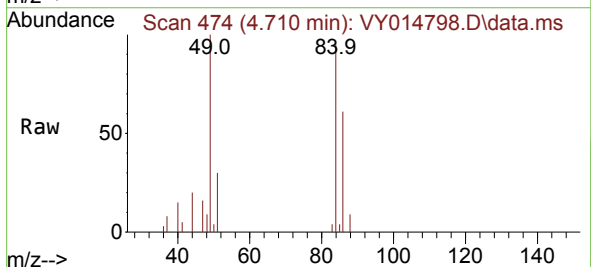
Ion Ratio Lower Upper

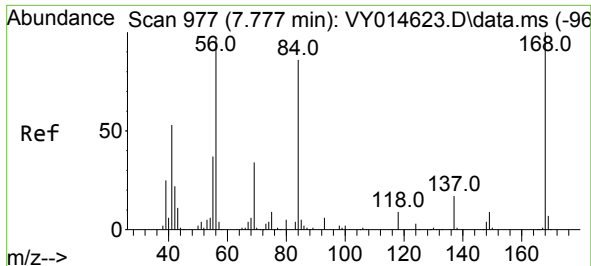
84 100

49 105.7 106.9 160.3#

51 31.8 33.2 49.8#

86 64.4 51.0 76.6

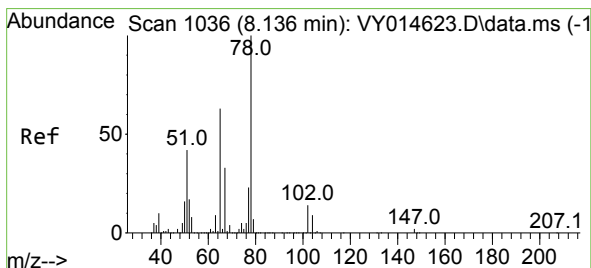
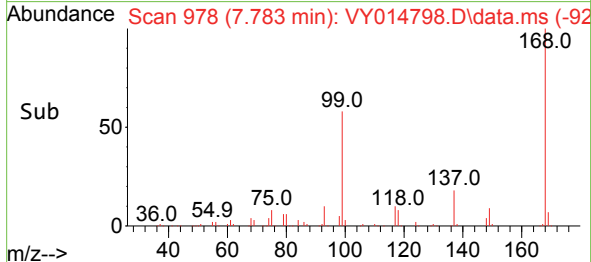
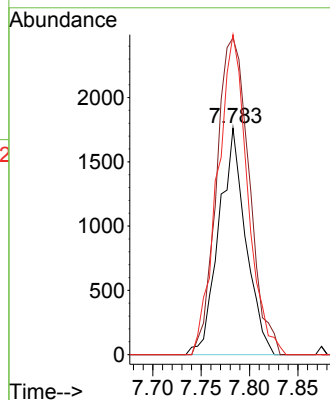
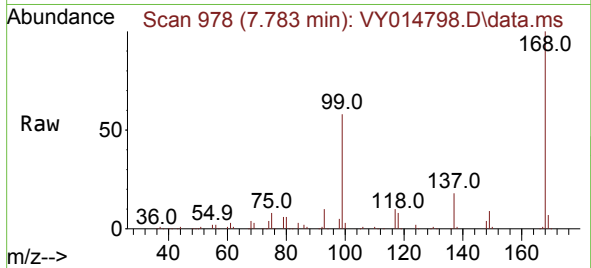




#31
Cyclohexane
Concen: 1.067 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014798.D
Acq: 25 Jul 2023 13:46

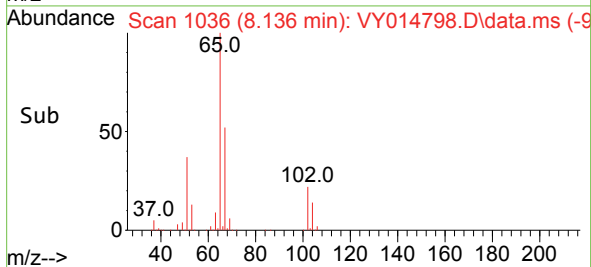
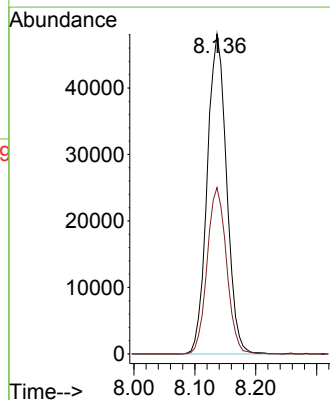
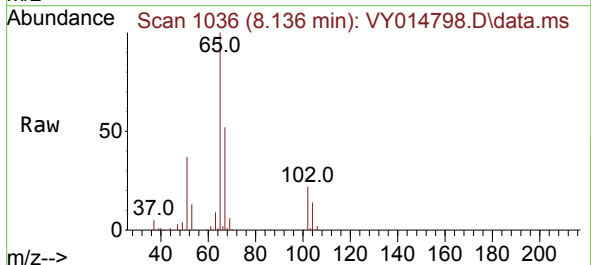
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-7-GRAB-14

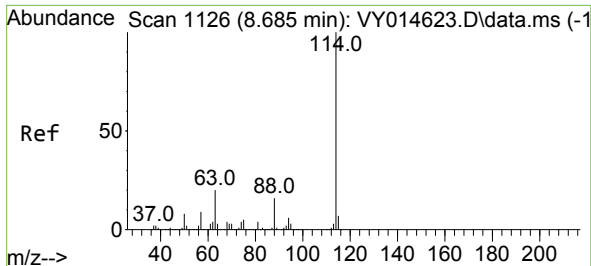
Tgt Ion: 56 Resp: 3415
Ion Ratio Lower Upper
56 100
69 139.8 27.8 41.6#
84 141.3 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 55.084 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014798.D
Acq: 25 Jul 2023 13:46

Tgt Ion: 65 Resp: 106206
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.8

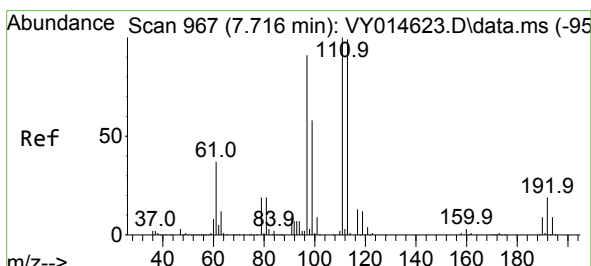
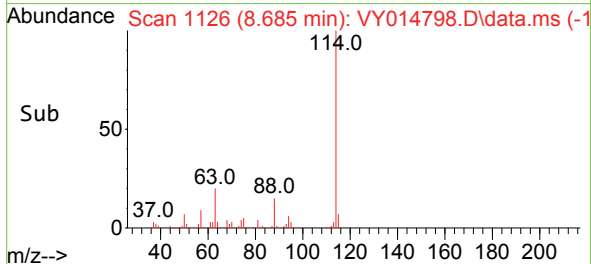
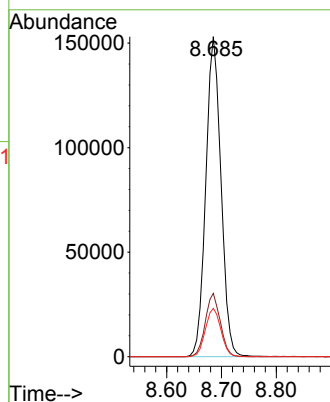
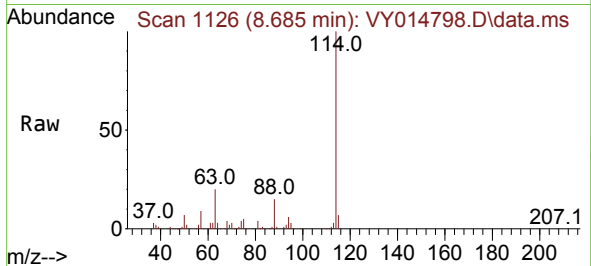




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014798.D
Acq: 25 Jul 2023 13:46

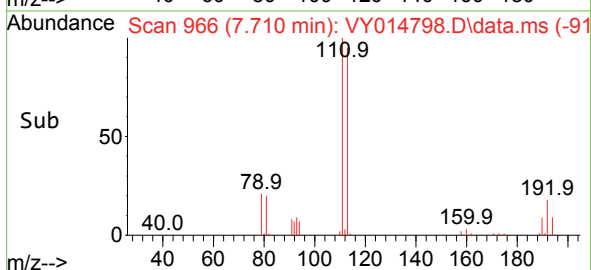
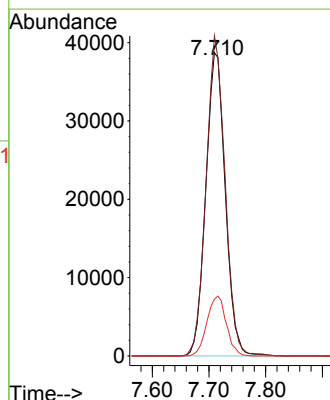
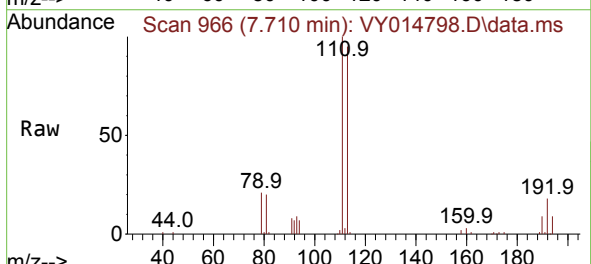
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-7-GRAB-14

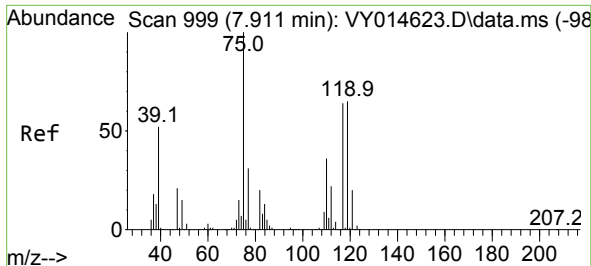
Tgt Ion:114 Resp: 293413
Ion Ratio Lower Upper
114 100
63 19.8 0.0 42.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.464 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014798.D
Acq: 25 Jul 2023 13:46

Tgt Ion:113 Resp: 92389
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 19.6 16.9 25.3

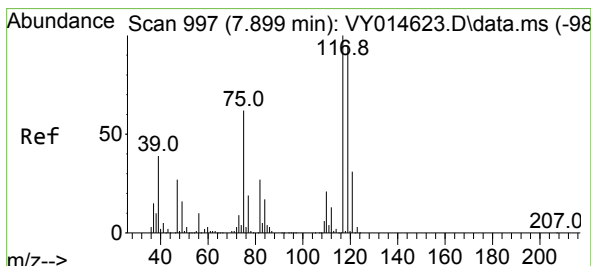
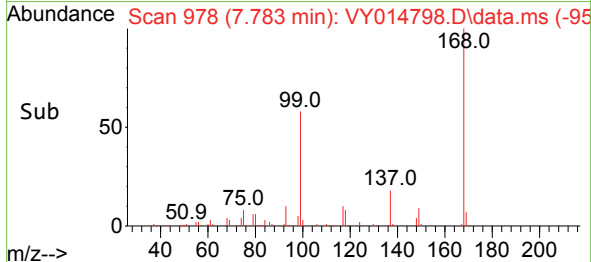
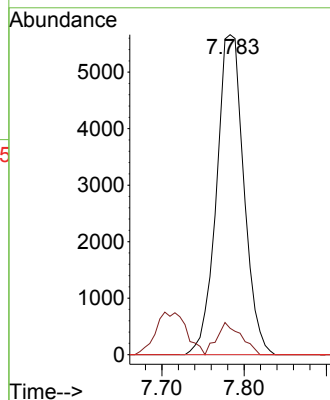
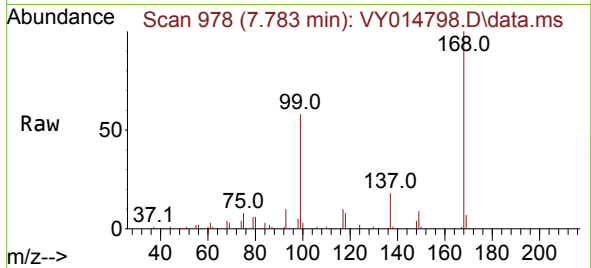




#36
 1,1-Dichloropropene
 Concen: 4.683 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY014798.D
 Acq: 25 Jul 2023 13:46

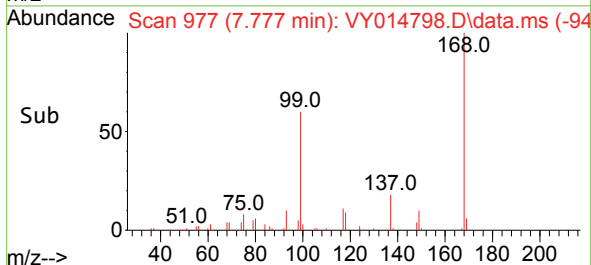
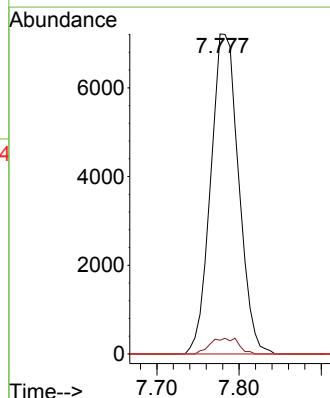
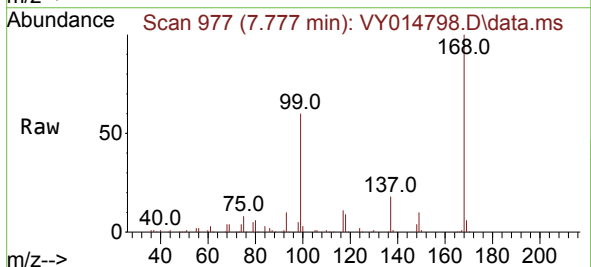
Instrument :
 MSVOA_Y
 ClientSampleId :
 RPTP-7-GRAB-14

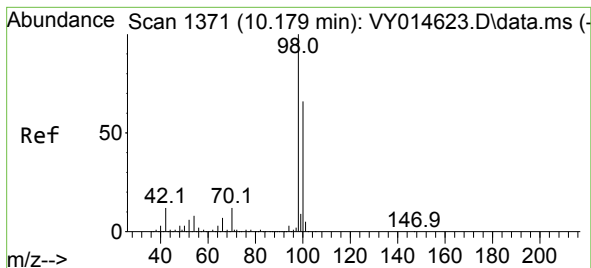
Tgt Ion: 75 Resp: 13080
 Ion Ratio Lower Upper
 75 100
 110 8.8 17.8 53.5#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.776 ug/l
 RT: 7.777 min Scan# 977
 Delta R.T. -0.122 min
 Lab File: VY014798.D
 Acq: 25 Jul 2023 13:46

Tgt Ion: 117 Resp: 17054
 Ion Ratio Lower Upper
 117 100
 119 4.3 76.4 114.6#
 121 0.0 25.8 38.6#

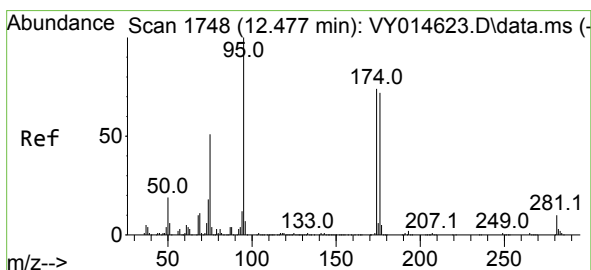
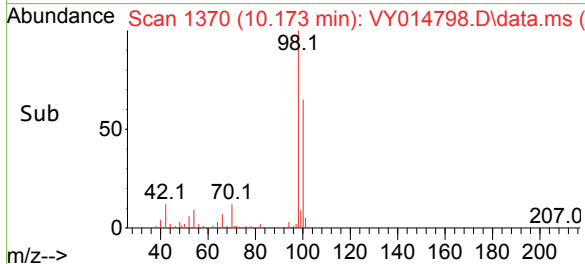
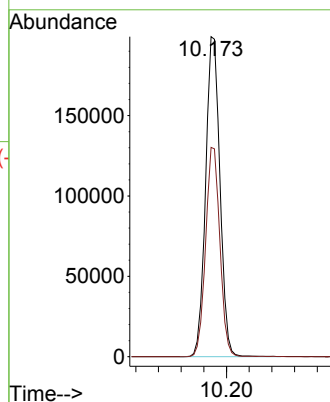
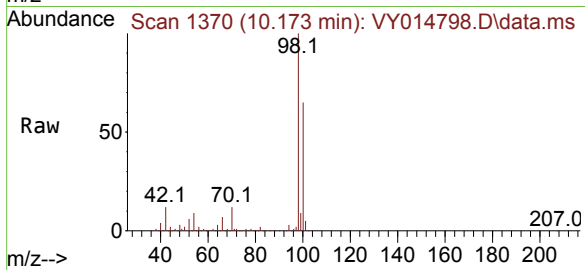




#50
Toluene-d8
Concen: 50.706 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014798.D
Acq: 25 Jul 2023 13:46

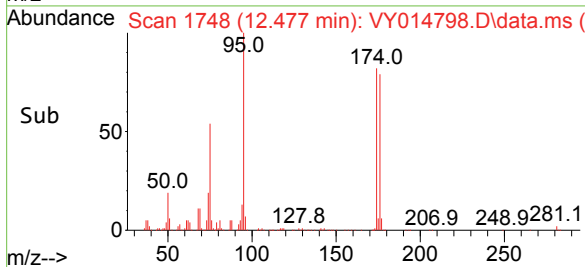
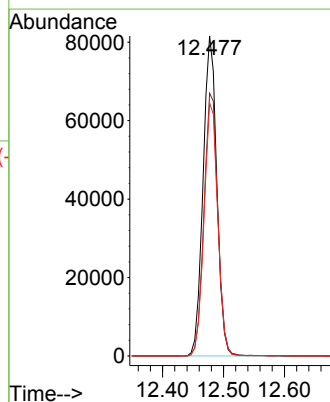
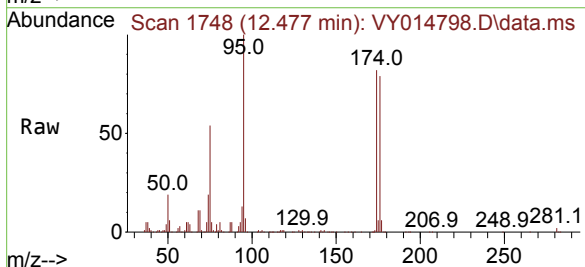
Instrument :
MSVOA_Y
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RPTP-7-GRAB-14

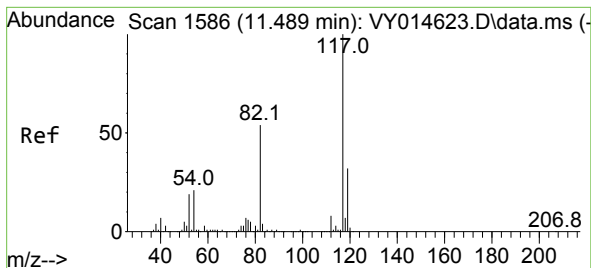
Tgt Ion: 98 Resp: 349167
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.334 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014798.D
Acq: 25 Jul 2023 13:46

Tgt Ion: 95 Resp: 127621
Ion Ratio Lower Upper
95 100
174 83.2 0.0 178.2
176 79.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014798.D

Acq: 25 Jul 2023 13:46

Instrument :

MSVOA_Y

ClientSampleId :

RPTP-7-GRAB-14

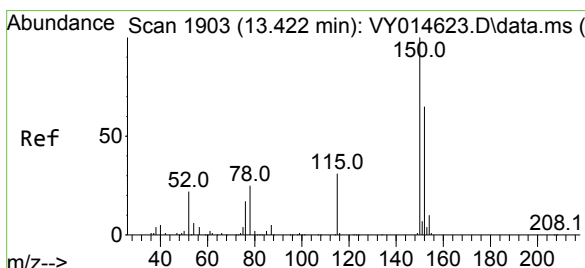
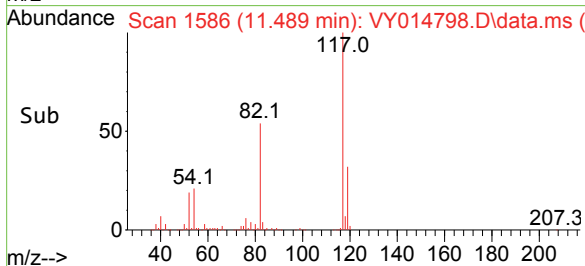
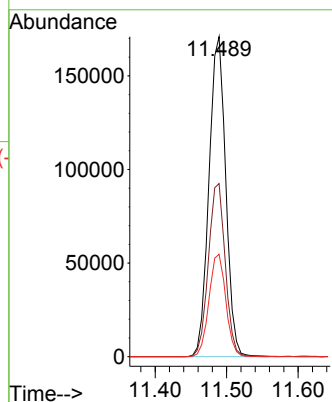
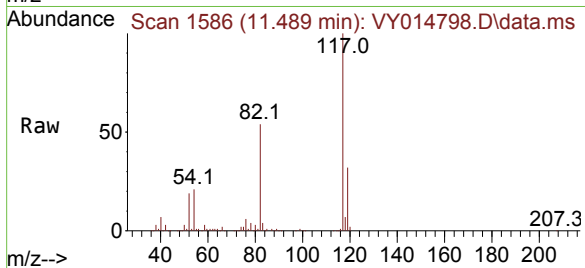
Tgt Ion:117 Resp: 278265

Ion Ratio Lower Upper

117 100

82 54.1 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: VY014798.D

Acq: 25 Jul 2023 13:46

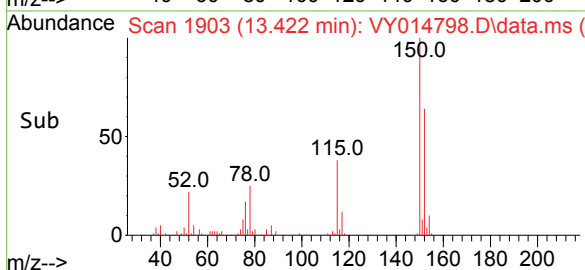
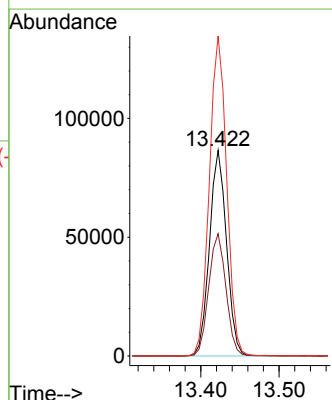
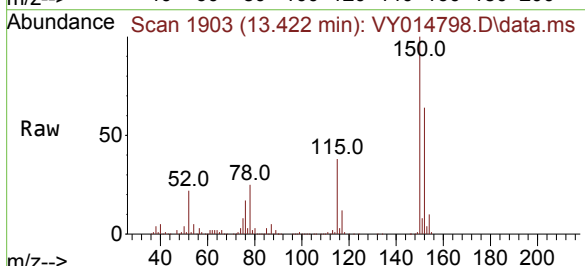
Tgt Ion:152 Resp: 130971

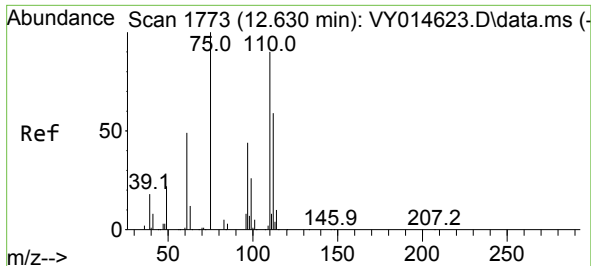
Ion Ratio Lower Upper

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115 60.1 28.8 86.5

150 157.8 0.0 348.8

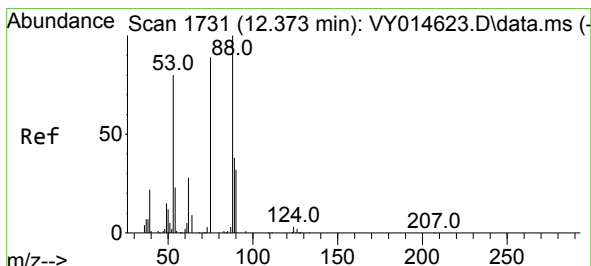
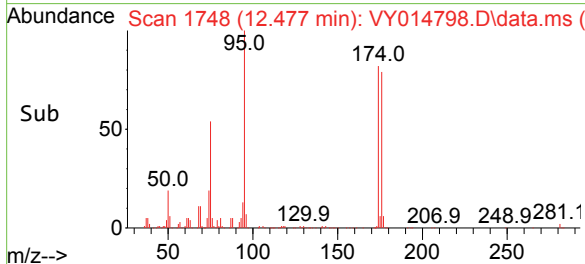
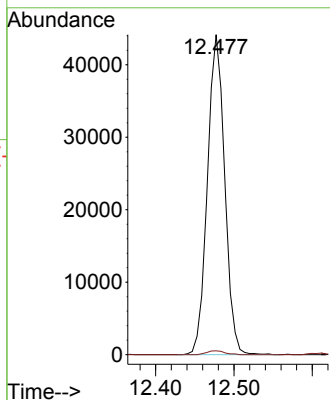
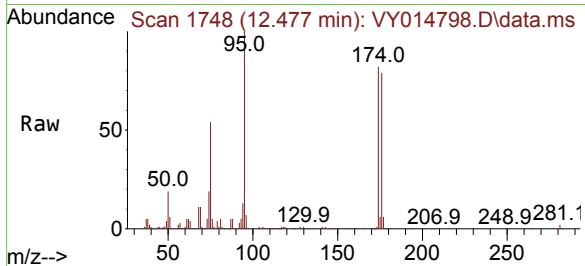




#76
1,2,3-Trichloropropane
Concen: 40.854 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY014798.D
Acq: 25 Jul 2023 13:46

Instrument :
MSVOA_Y
ClientSampleId :
RPTP-7-GRAB-14

Tgt Ion: 75 Resp: 67578
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.101 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY014798.D
Acq: 25 Jul 2023 13:46

Tgt Ion: 75 Resp: 67578
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

