

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014800.D
 Acq On : 25 Jul 2023 14:34
 Operator : SY/MD
 Sample : 03681-24
 Misc : 5.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RPTP-8-GRAB-16

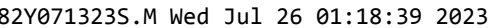
Quant Time: Jul 26 01:18:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

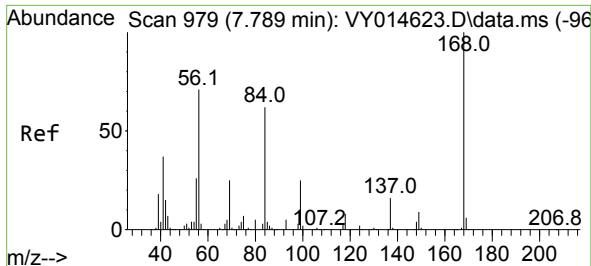
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	167560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	291518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	277613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	131011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	104428	54.691	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.380%	
35) Dibromofluoromethane	7.716	113	91711	49.420	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.840%	
50) Toluene-d8	10.179	98	346381	50.628	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.260%	
62) 4-Bromofluorobenzene	12.477	95	127092	48.446	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.900%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	199	Below Cal	#	89
16) Acetone	3.948	43	1718	2.839	ug/l #	86
20) Methylene Chloride	4.710	84	4656	Below Cal	#	80
31) Cyclohexane	7.783	56	3381	1.067	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	12587	4.536	ug/l #	51
38) Carbon Tetrachloride	7.783	117	16502	5.625	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	66889	40.425	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	66889	78.271	ug/l #	10

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

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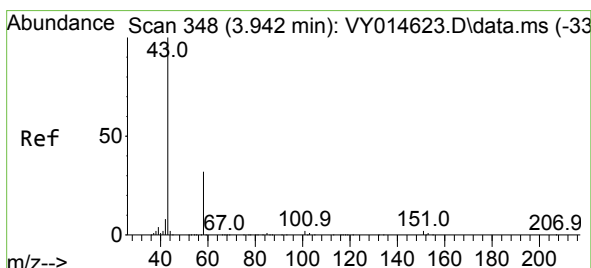
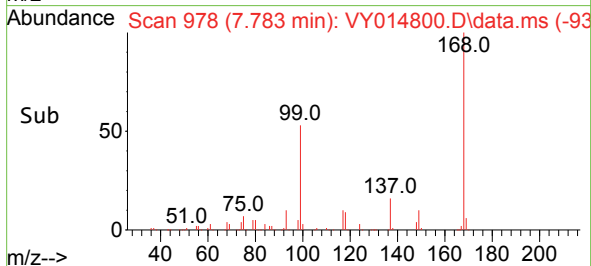
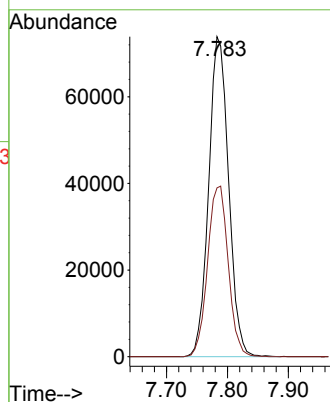
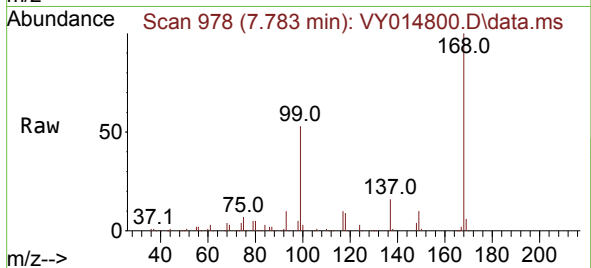




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014800.D
Acq: 25 Jul 2023 14:34

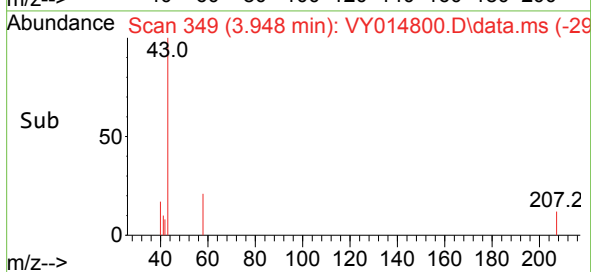
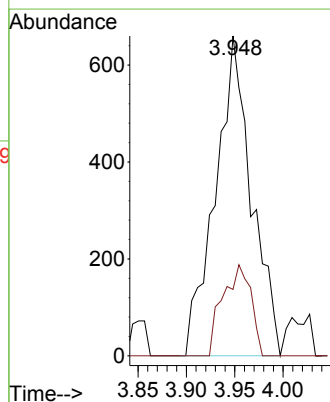
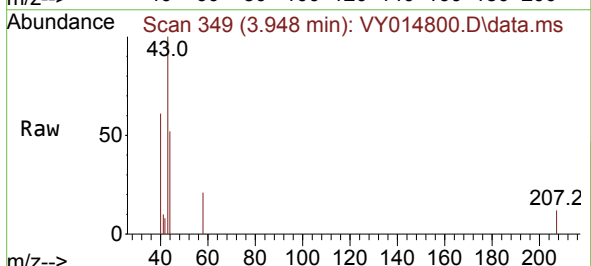
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-8-GRAB-16

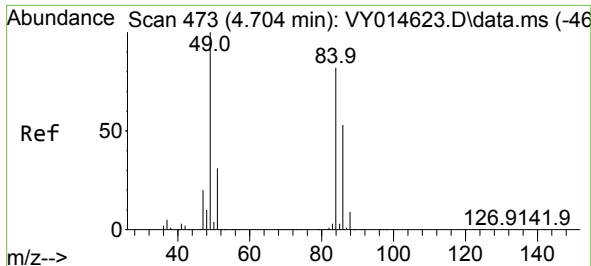
Tgt Ion:168 Resp: 167560
Ion Ratio Lower Upper
168 100
99 52.8 43.4 65.0



#16
Acetone
Concen: 2.839 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014800.D
Acq: 25 Jul 2023 14:34

Tgt Ion: 43 Resp: 1718
Ion Ratio Lower Upper
43 100
58 20.8 22.7 34.1#

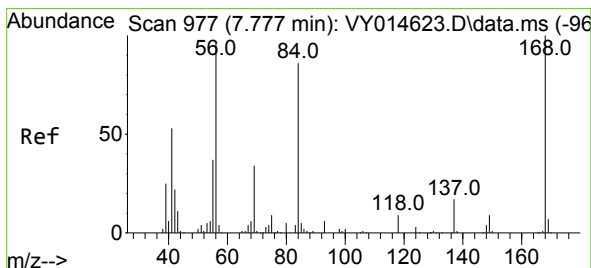
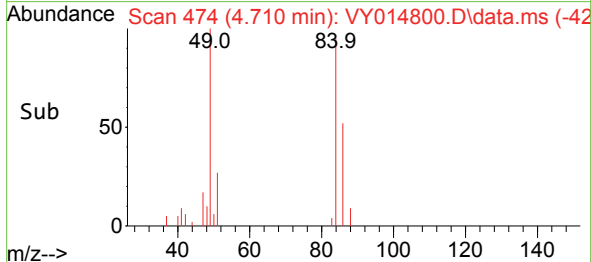
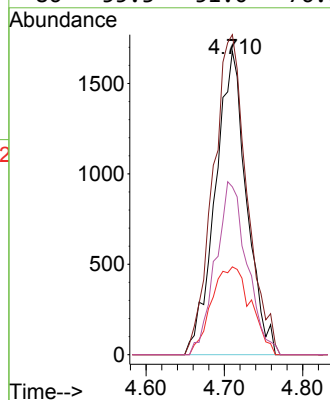
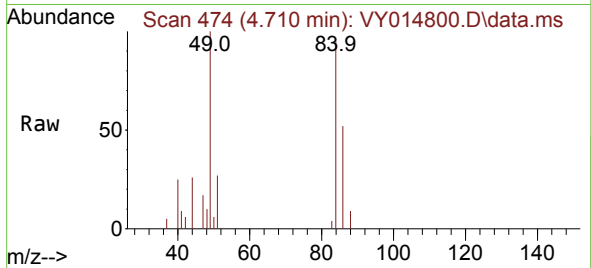




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY014800.D
Acq: 25 Jul 2023 14:34

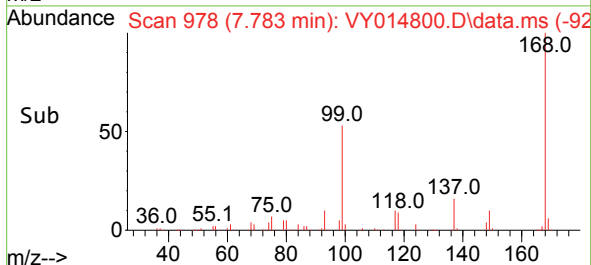
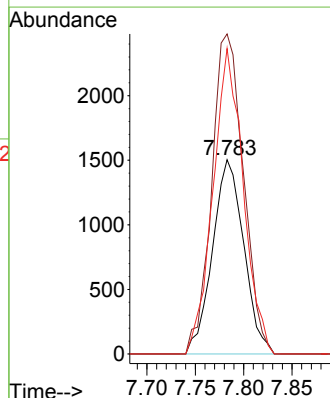
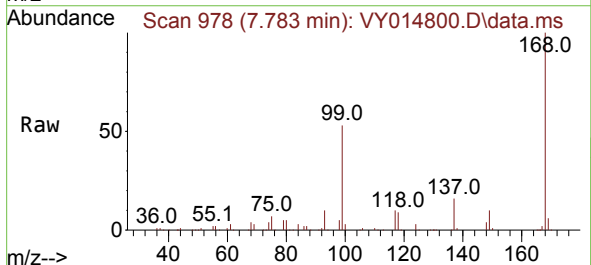
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-8-GRAB-16

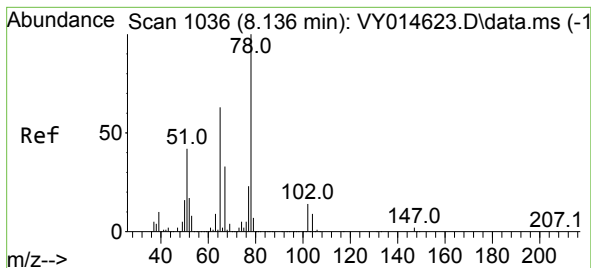
Tgt Ion: 84 Resp: 4656
Ion Ratio Lower Upper
84 100
49 105.5 106.9 160.3#
51 29.0 33.2 49.8#
86 55.3 51.0 76.6



#31
Cyclohexane
Concen: 1.067 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY014800.D
Acq: 25 Jul 2023 14:34

Tgt Ion: 56 Resp: 3381
Ion Ratio Lower Upper
56 100
69 164.8 27.8 41.6#
84 157.2 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 54.691 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014800.D

Acq: 25 Jul 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

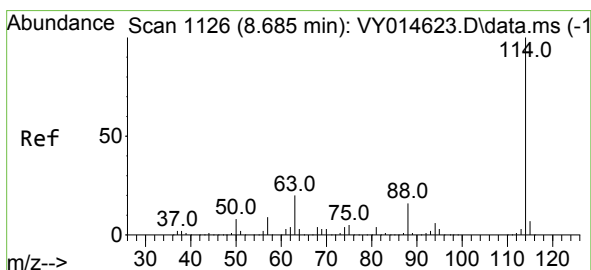
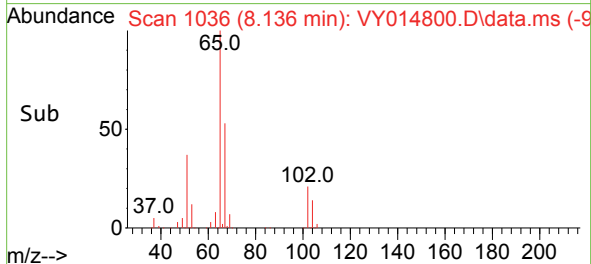
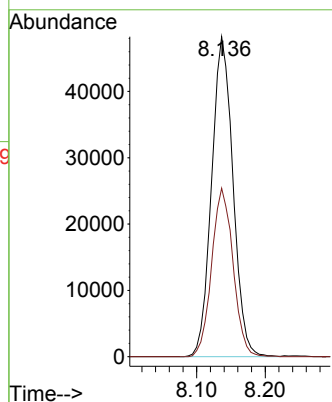
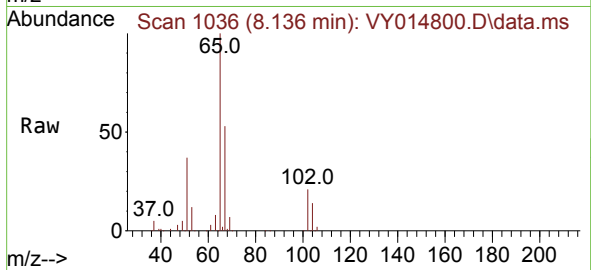
RPTP-8-GRAB-16

Tgt Ion: 65 Resp: 104428

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: VY014800.D

Acq: 25 Jul 2023 14:34

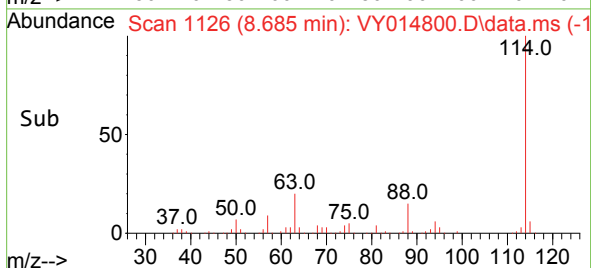
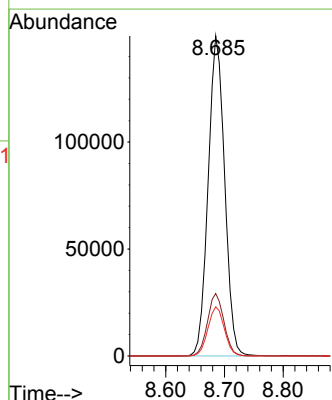
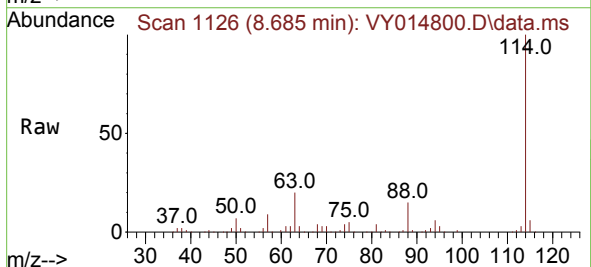
Tgt Ion: 114 Resp: 291518

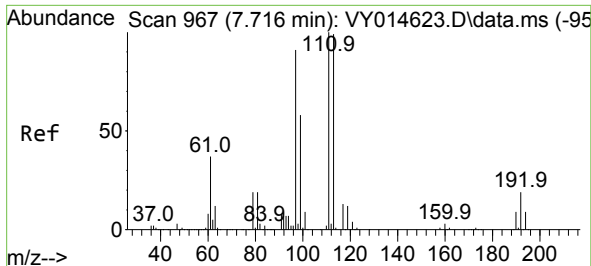
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 15.4 0.0 30.6

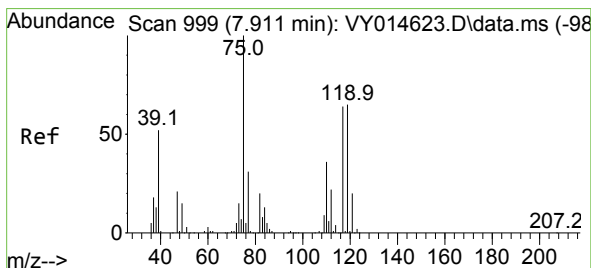
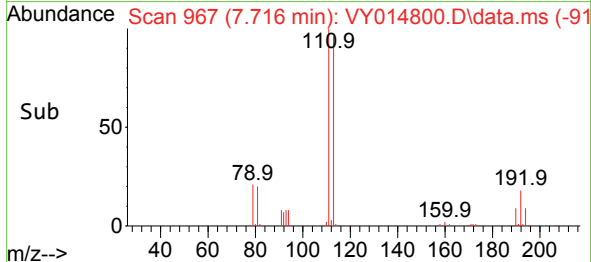
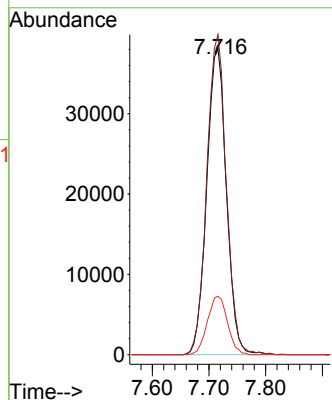
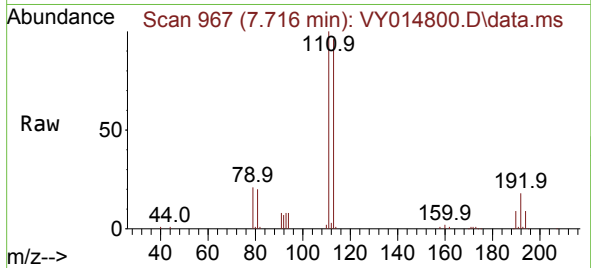




#35
Dibromofluoromethane
Concen: 49.420 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY014800.D
Acq: 25 Jul 2023 14:34

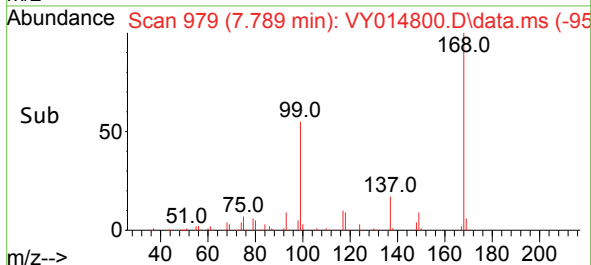
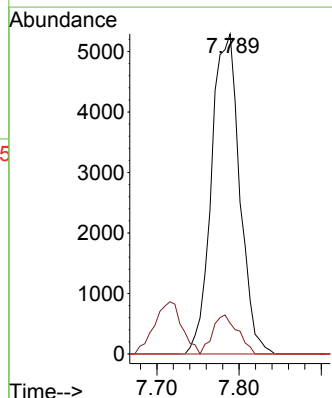
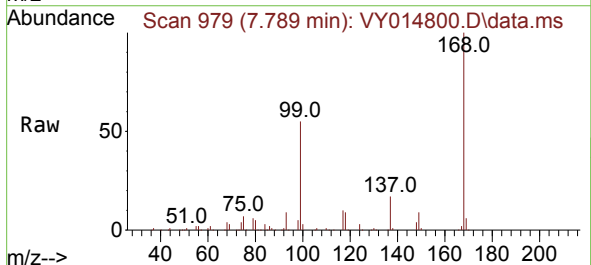
Instrument :
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ClientSampleId :
RPTP-8-GRAB-16

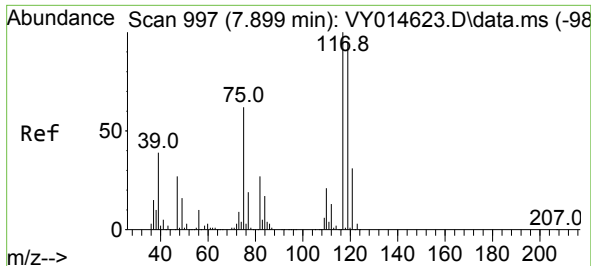
Tgt Ion:113 Resp: 91711
Ion Ratio Lower Upper
113 100
111 103.9 81.3 121.9
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.536 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY014800.D
Acq: 25 Jul 2023 14:34

Tgt Ion: 75 Resp: 12587
Ion Ratio Lower Upper
75 100
110 10.8 17.8 53.5#
77 0.0 24.4 36.6#

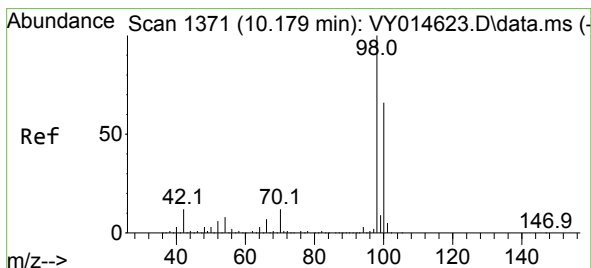
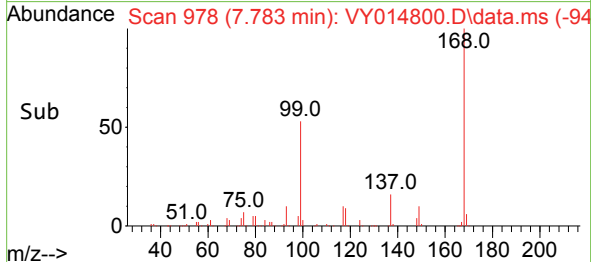
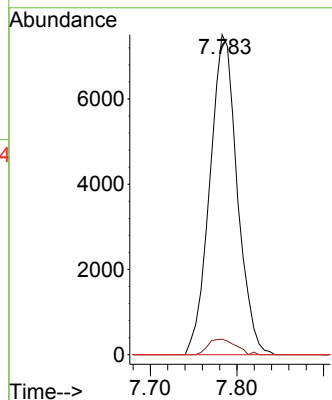
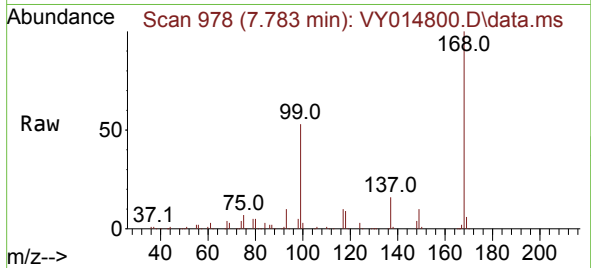




#38
Carbon Tetrachloride
Concen: 5.625 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY014800.D
Acq: 25 Jul 2023 14:34

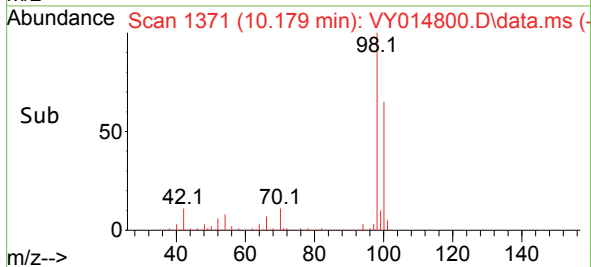
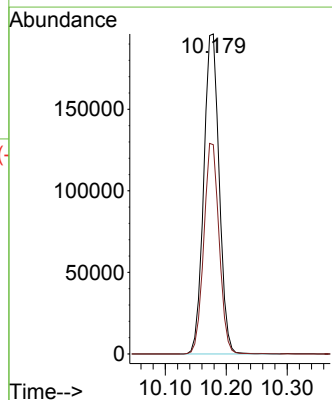
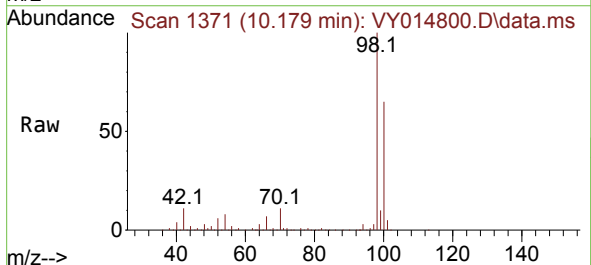
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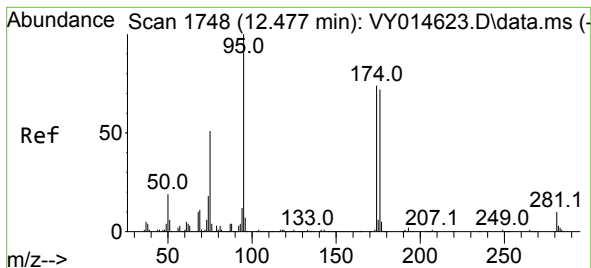
Tgt Ion:117 Resp: 16502
Ion Ratio Lower Upper
117 100
119 4.9 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.628 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014800.D
Acq: 25 Jul 2023 14:34

Tgt Ion: 98 Resp: 346381
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

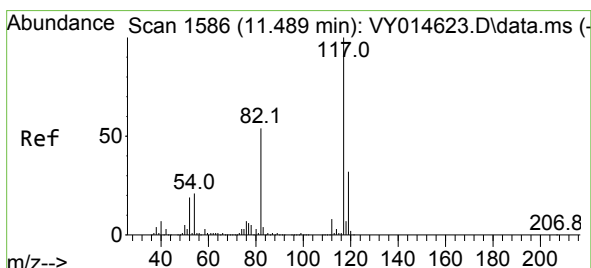
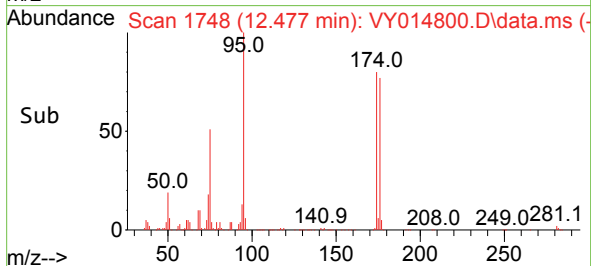
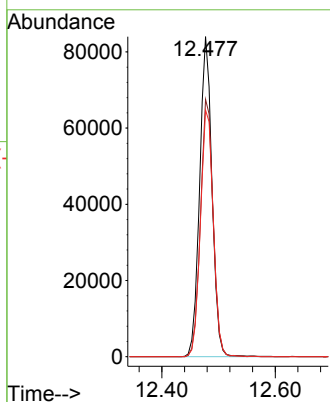
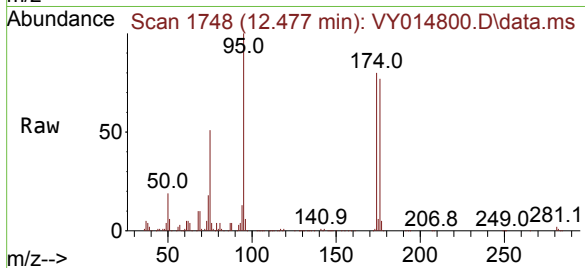




#62
4-Bromofluorobenzene
Concen: 48.446 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014800.D
Acq: 25 Jul 2023 14:34

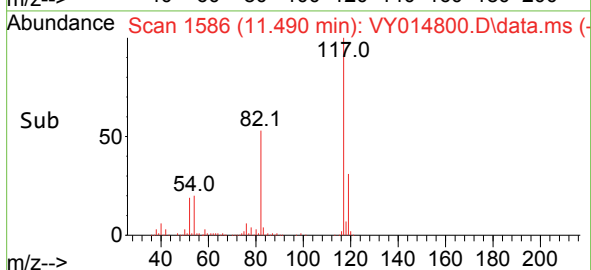
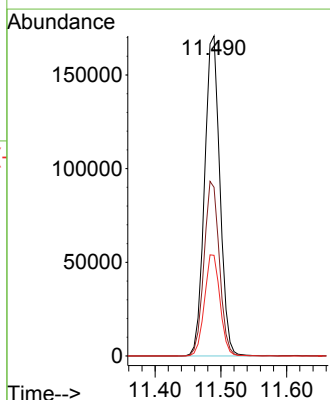
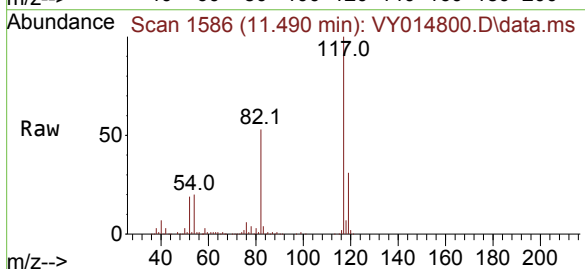
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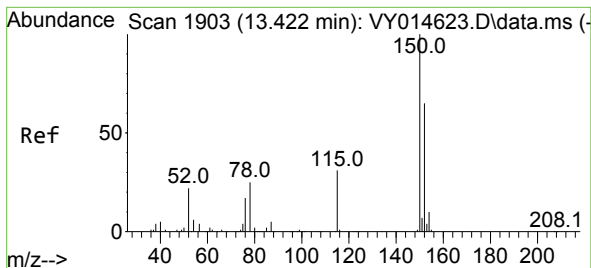
Tgt Ion: 95 Resp: 127092
Ion Ratio Lower Upper
95 100
174 82.5 0.0 178.2
176 80.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014800.D
Acq: 25 Jul 2023 14:34

Tgt Ion: 117 Resp: 277613
Ion Ratio Lower Upper
117 100
82 52.7 43.4 65.0
119 31.4 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: VY014800.D

Acq: 25 Jul 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

RPTP-8-GRAB-16

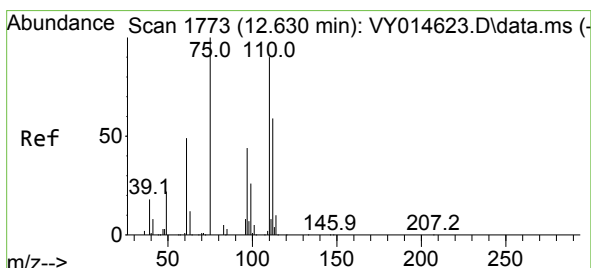
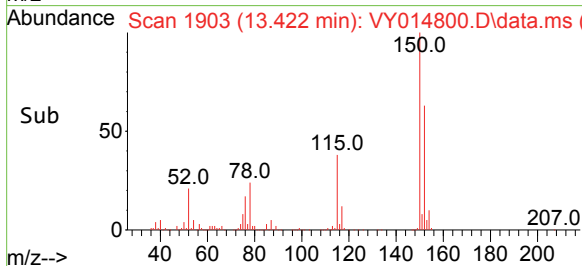
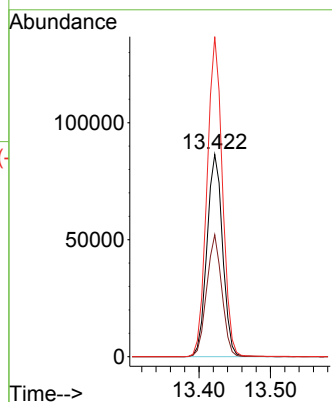
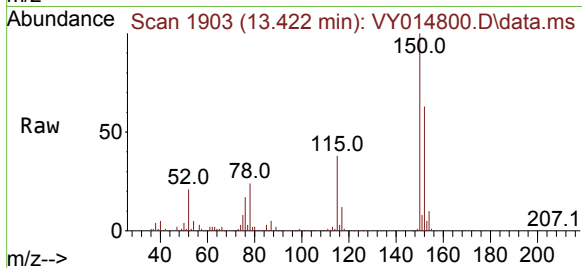
Tgt Ion:152 Resp: 131011

Ion Ratio Lower Upper

152 100

115 58.6 28.8 86.5

150 156.0 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 40.425 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY014800.D

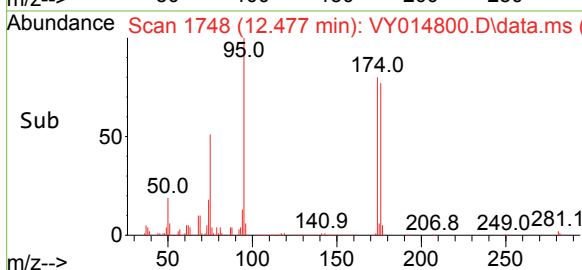
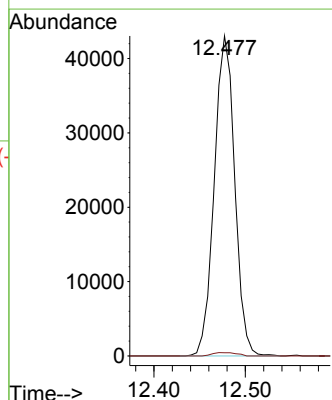
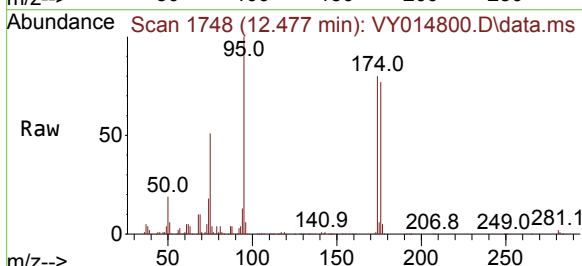
Acq: 25 Jul 2023 14:34

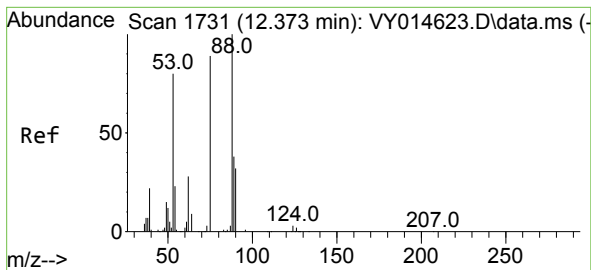
Tgt Ion: 75 Resp: 66889

Ion Ratio Lower Upper

75 100

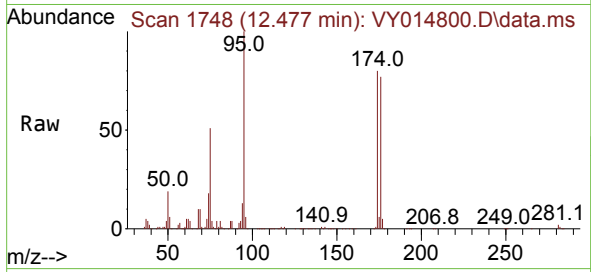
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.271 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014800.D
 Acq: 25 Jul 2023 14:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 RPTP-8-GRAB-16



Tgt Ion: 75 Resp: 66889
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

