

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042624\
 Data File : VY018060.D
 Acq On : 26 Apr 2024 14:15
 Operator : SY/MD
 Sample : P2271-01
 Misc : 4.77g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 27 01:08:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

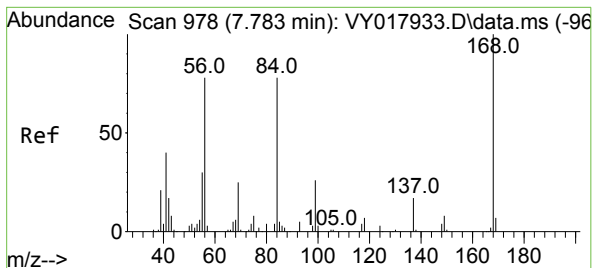
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	333040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	585323	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	539767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	220145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	153241	53.171	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.340%	
35) Dibromofluoromethane	7.722	113	181869	50.364	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.720%	
50) Toluene-d8	10.185	98	679518	49.592	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.180%	
62) 4-Bromofluorobenzene	12.483	95	193508	45.600	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 91.200%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.991	59	219	Below Cal	#	88
16) Acetone	3.954	43	1306	2.293	ug/l	94
20) Methylene Chloride	4.722	84	14855	3.850	ug/l	91
36) 1,1-Dichloropropene	7.795	75	21938	4.177	ug/l #	48
38) Carbon Tetrachloride	7.789	117	29077	5.480	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	93131	45.082	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	93131	92.951	ug/l #	16

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY018060.D

Acq: 26 Apr 2024 14:15

Instrument :

MSVOA_Y

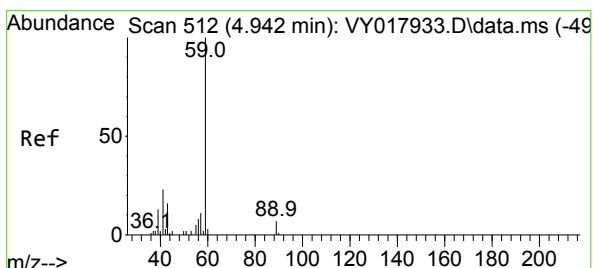
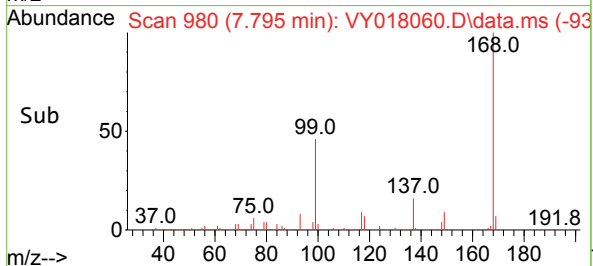
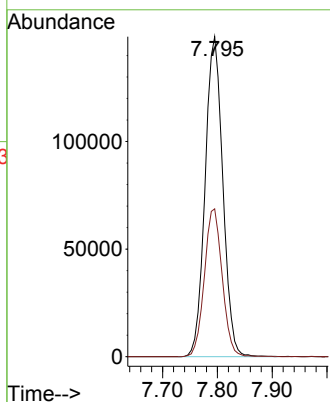
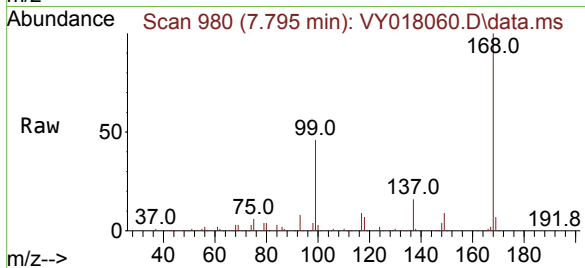
ClientSampleId :

Tgt Ion:168 Resp: 333040

Ion Ratio Lower Upper

168 100

99 46.2 39.1 58.7



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.991 min Scan# 520

Delta R.T. 0.037 min

Lab File: VY018060.D

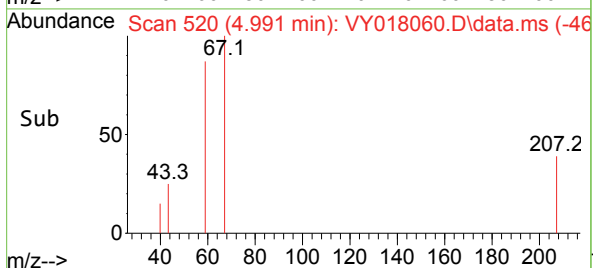
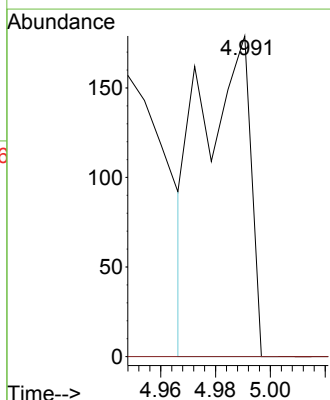
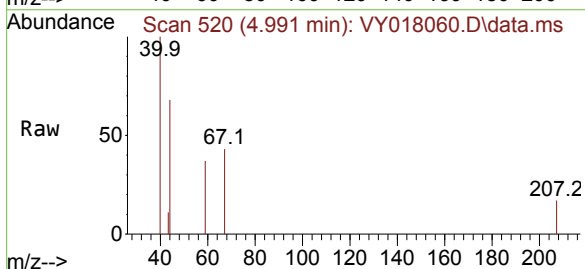
Acq: 26 Apr 2024 14:15

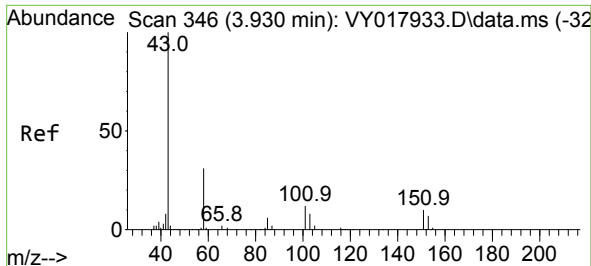
Tgt Ion: 59 Resp: 219

Ion Ratio Lower Upper

59 100

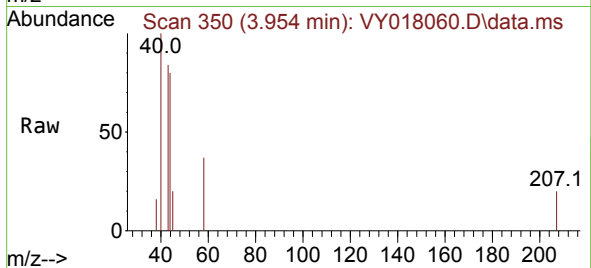
57 0.0 3.0 4.6#



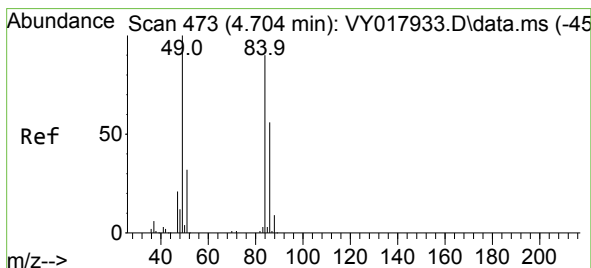
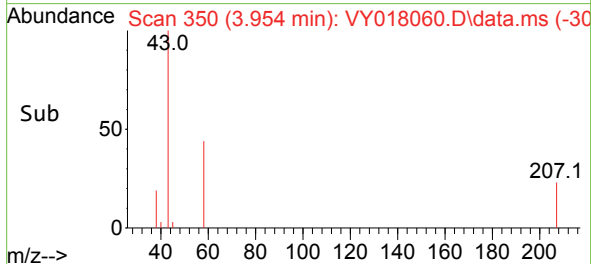
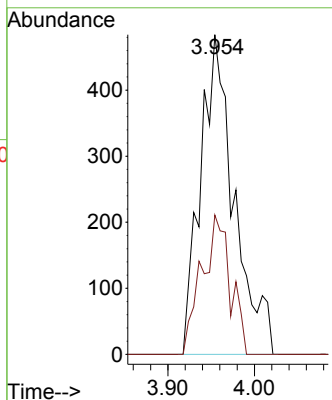


#16
Acetone
Concen: 2.293 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY018060.D
Acq: 26 Apr 2024 14:15

Instrument :
MSVOA_Y
ClientSampleId :

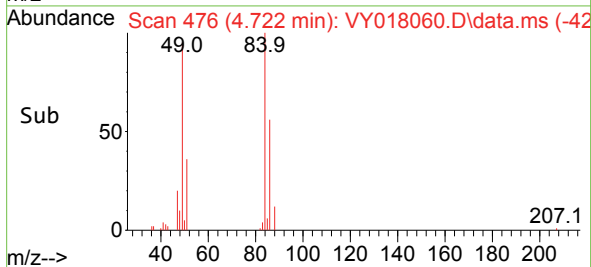
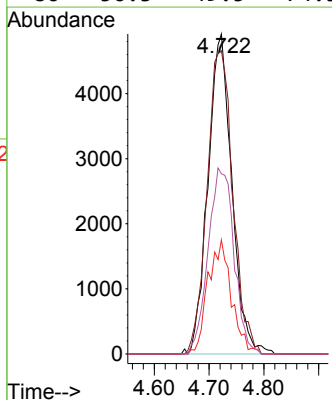
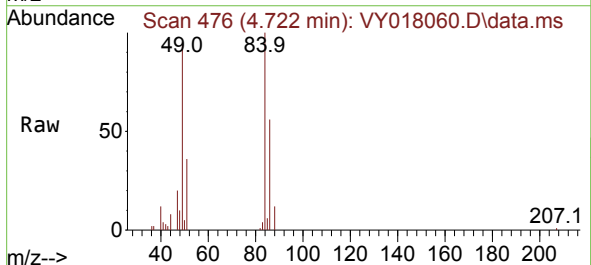


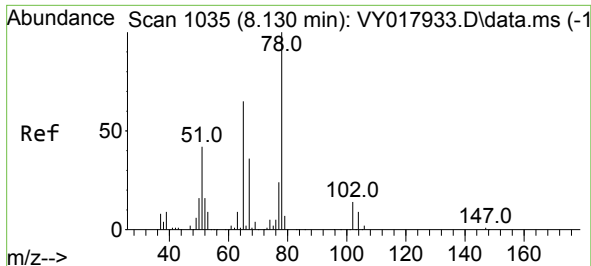
Tgt Ion: 43 Resp: 1306
Ion Ratio Lower Upper
43 100
58 43.6 31.7 47.5



#20
Methylene Chloride
Concen: 3.850 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY018060.D
Acq: 26 Apr 2024 14:15

Tgt Ion: 84 Resp: 14855
Ion Ratio Lower Upper
84 100
49 94.8 84.4 126.6
51 35.6 26.0 39.0
86 56.3 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 53.171 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY018060.D

Acq: 26 Apr 2024 14:15

Instrument :

MSVOA_Y

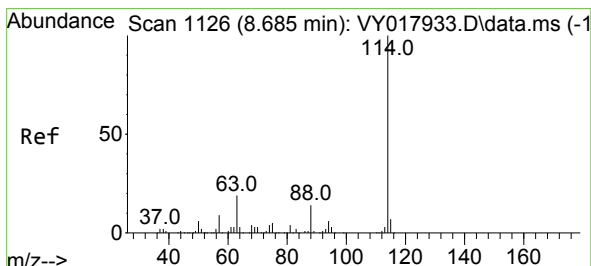
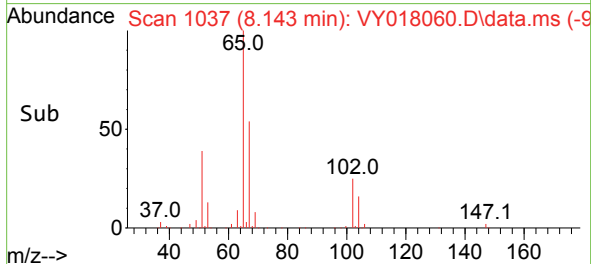
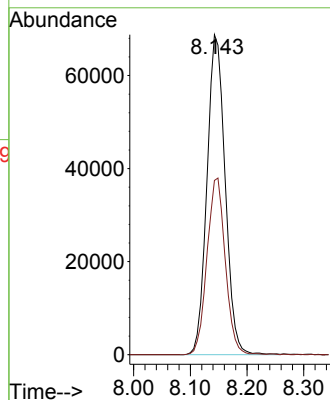
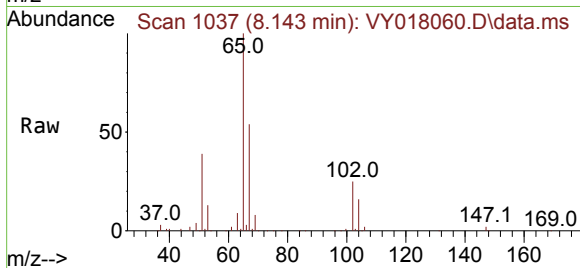
ClientSampleId :

Tgt Ion: 65 Resp: 153241

Ion Ratio Lower Upper

65 100

67 55.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY018060.D

Acq: 26 Apr 2024 14:15

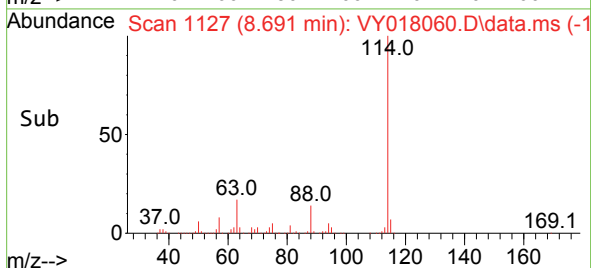
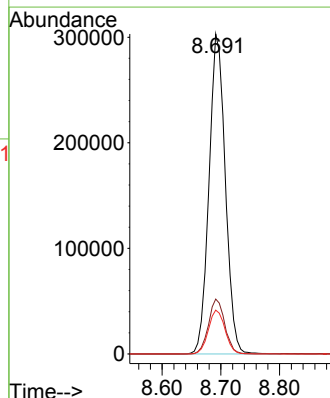
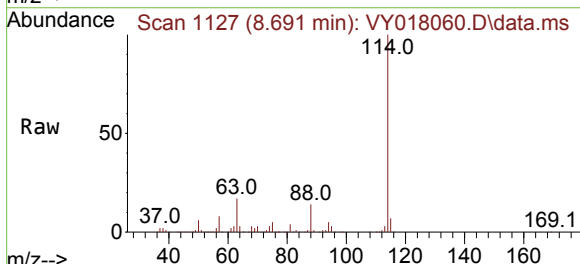
Tgt Ion: 114 Resp: 585323

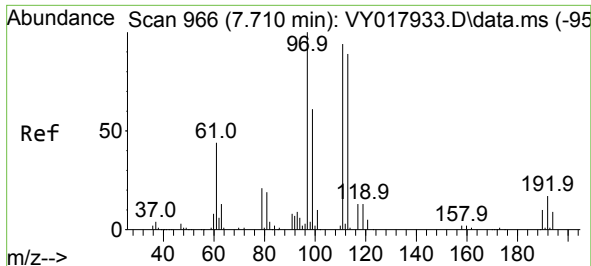
Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

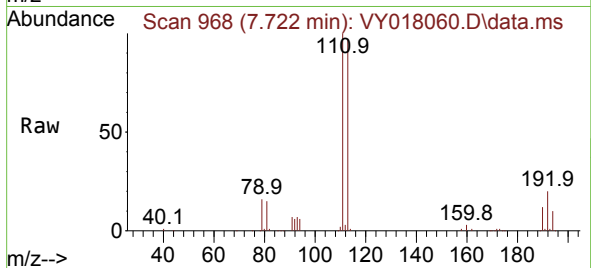
88 13.7 0.0 27.2



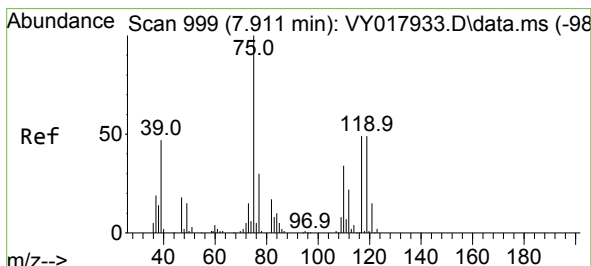
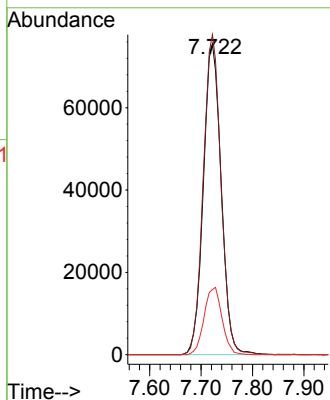
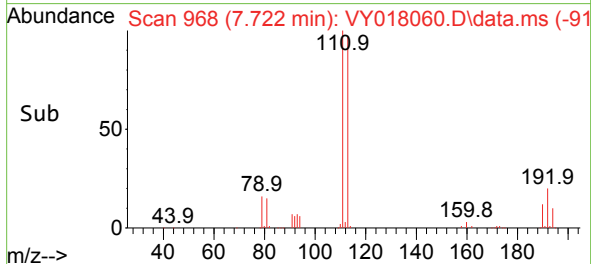


#35
Dibromofluoromethane
Concen: 50.364 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018060.D
Acq: 26 Apr 2024 14:15

Instrument :
MSVOA_Y
ClientSampleId :

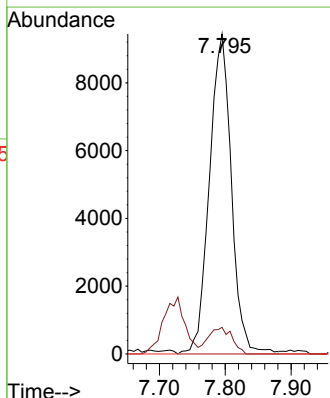
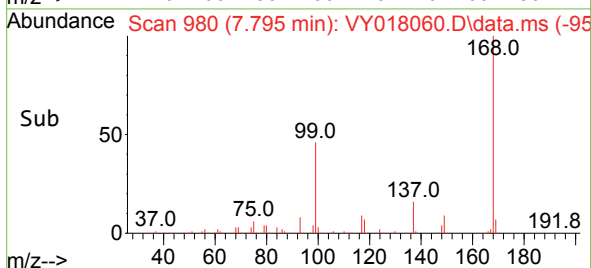
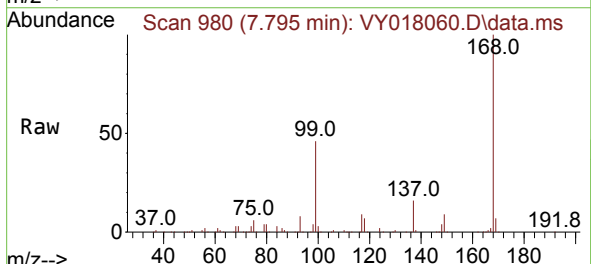


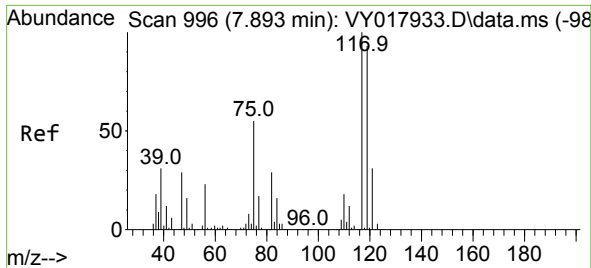
Tgt Ion:113 Resp: 181869
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 21.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.177 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY018060.D
Acq: 26 Apr 2024 14:15

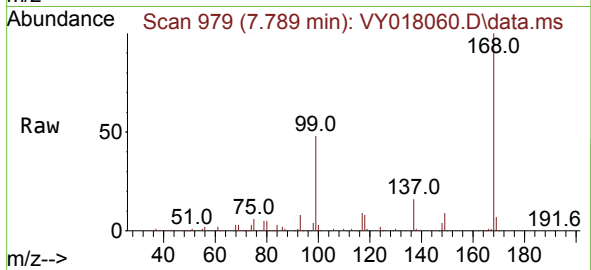
Tgt Ion: 75 Resp: 21938
Ion Ratio Lower Upper
75 100
110 9.0 19.0 57.0#
77 0.0 25.3 37.9#



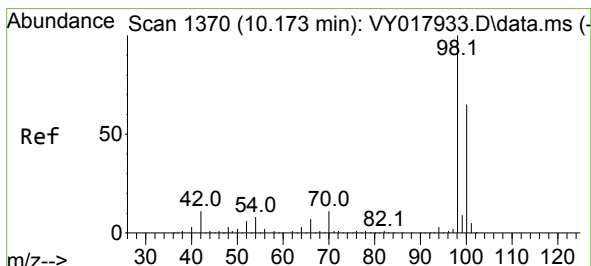
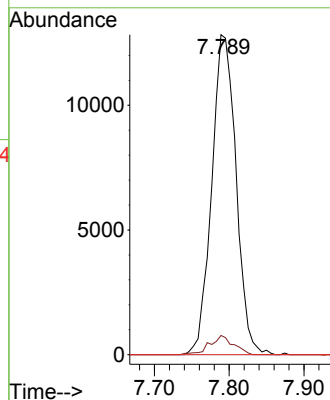
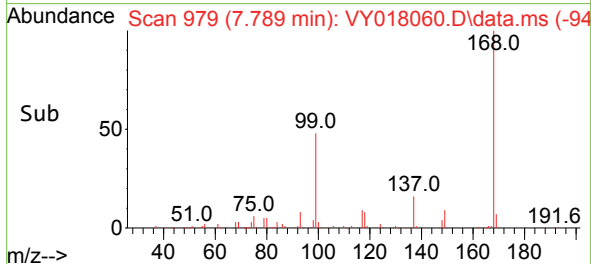


#38
Carbon Tetrachloride
Concen: 5.480 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018060.D
Acq: 26 Apr 2024 14:15

Instrument :
MSVOA_Y
ClientSampleId :

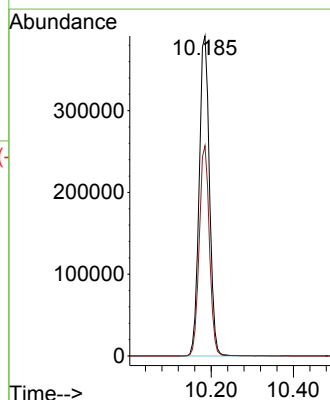
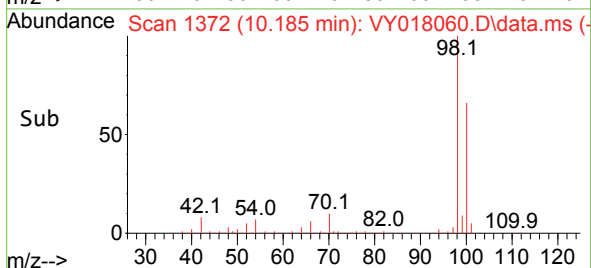
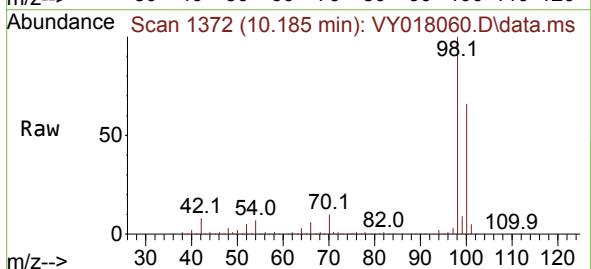


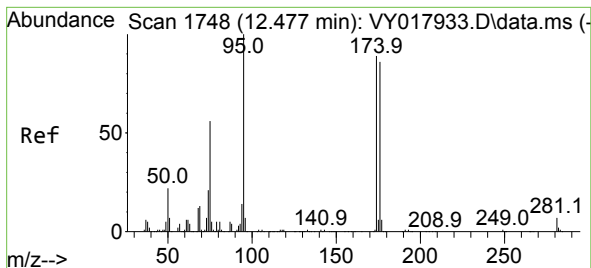
Tgt Ion:117 Resp: 29077
Ion Ratio Lower Upper
117 100
119 6.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 49.592 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY018060.D
Acq: 26 Apr 2024 14:15

Tgt Ion: 98 Resp: 679518
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0

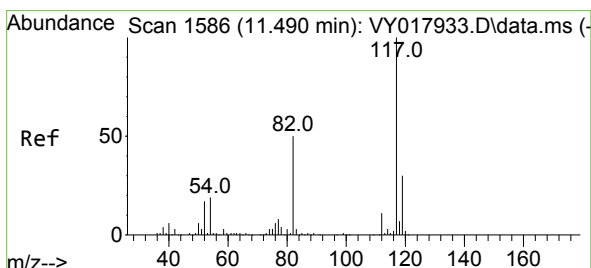
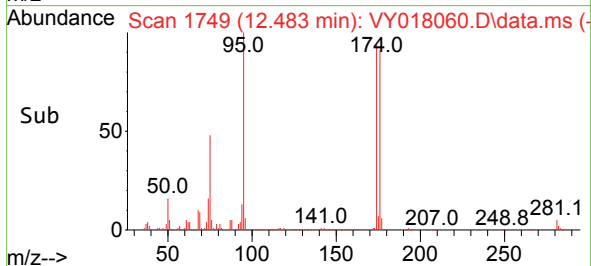
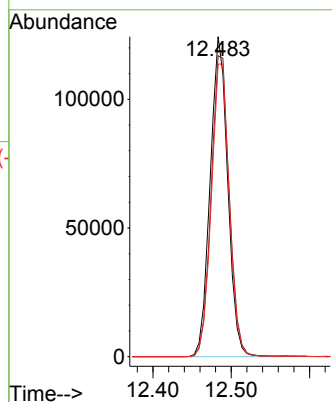
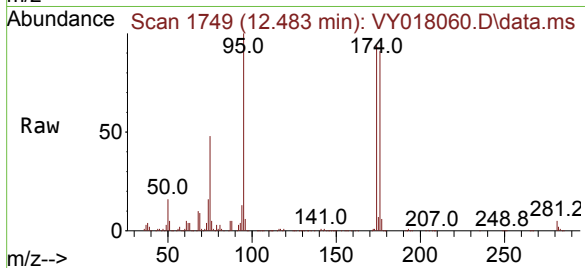




#62
4-Bromofluorobenzene
Concen: 45.600 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018060.D
Acq: 26 Apr 2024 14:15

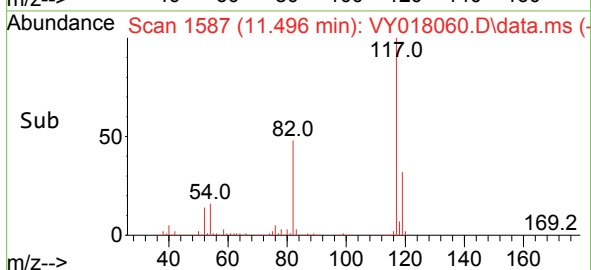
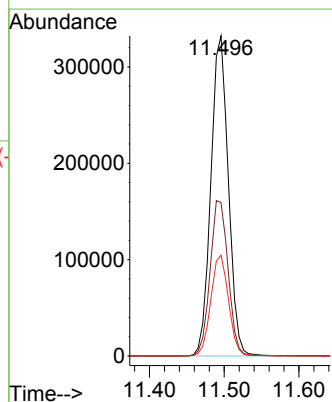
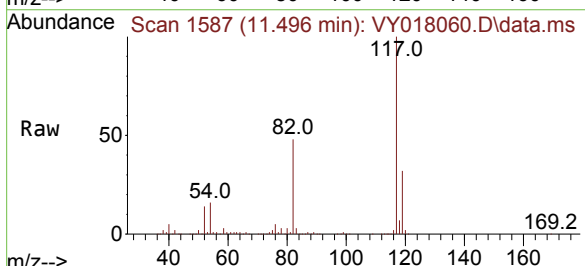
Instrument :
MSVOA_Y
ClientSampleId :

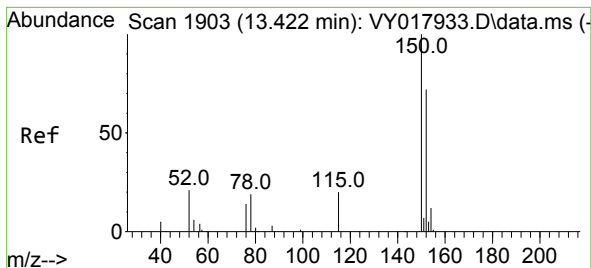
Tgt Ion: 95 Resp: 193508
Ion Ratio Lower Upper
95 100
174 97.3 0.0 175.6
176 93.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY018060.D
Acq: 26 Apr 2024 14:15

Tgt Ion: 117 Resp: 539767
Ion Ratio Lower Upper
117 100
82 47.9 42.4 63.6
119 31.5 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018060.D

Acq: 26 Apr 2024 14:15

Instrument :

MSVOA_Y

ClientSampleId :

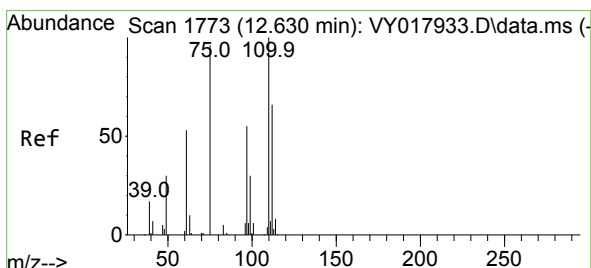
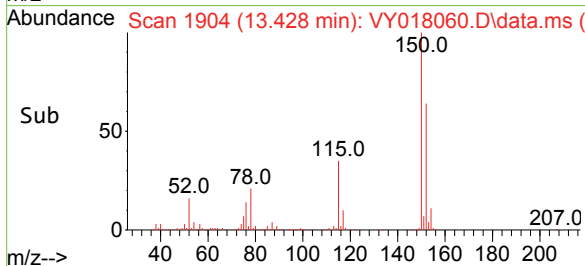
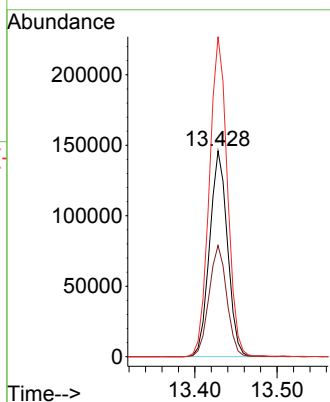
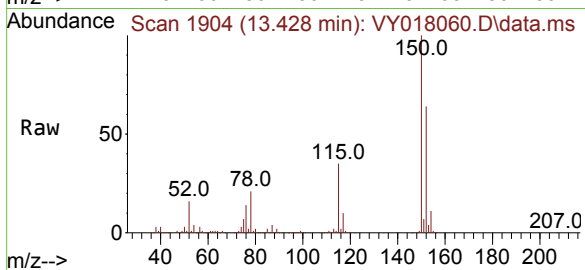
Tgt Ion:152 Resp: 220145

Ion Ratio Lower Upper

152 100

115 53.9 28.2 84.7

150 157.1 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 45.082 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY018060.D

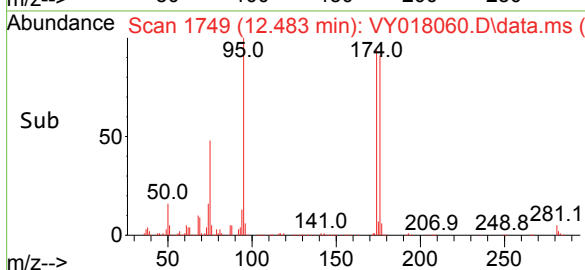
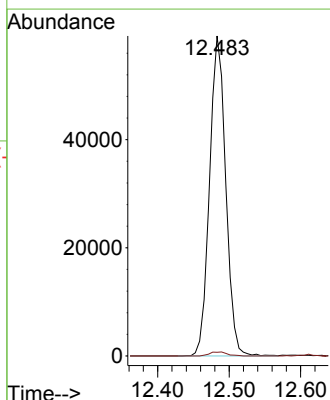
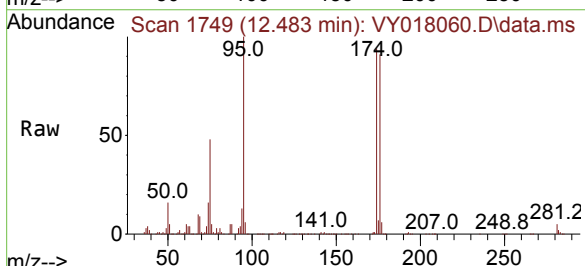
Acq: 26 Apr 2024 14:15

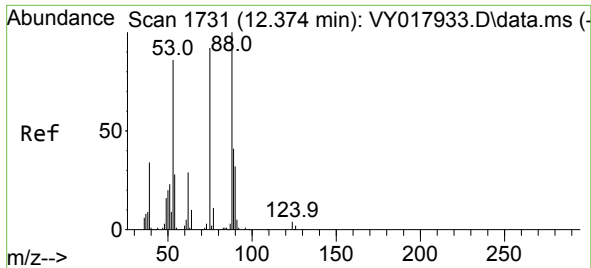
Tgt Ion: 75 Resp: 93131

Ion Ratio Lower Upper

75 100

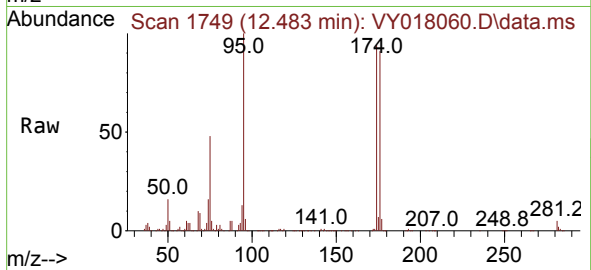
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.951 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018060.D
 Acq: 26 Apr 2024 14:15

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 93131
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.8 100.2#
 89 0.1 35.8 53.6#

