

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011724\
 Data File : VY017020.D
 Acq On : 17 Jan 2024 18:51
 Operator : SY/MD
 Sample : P1150-03
 Misc : 3.14g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

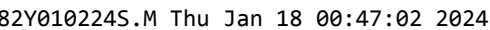
Quant Time: Jan 18 00:46:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

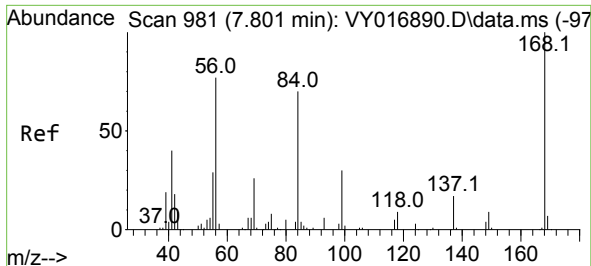
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.832	168	99689	50.000	ug/l	0.03
34) 1,4-Difluorobenzene	8.728	114	212826	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.520	117	207076	50.000	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.452	152	78278	50.000	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.179	65	48052	48.770	ug/l	0.02
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.540%		
35) Dibromofluoromethane	7.758	113	51445	37.933	ug/l	0.03
Spiked Amount 50.000	Range 54 - 147		Recovery =	75.860%		
50) Toluene-d8	10.209	98	187168	40.078	ug/l	0.02
Spiked Amount 50.000	Range 58 - 134		Recovery =	80.160%		
62) 4-Bromofluorobenzene	12.508	95	58344	37.029	ug/l	0.02
Spiked Amount 50.000	Range 30 - 143		Recovery =	74.060%		
Target Compounds						
11) Tert butyl alcohol	4.984	59	27	Below Cal	#	75
16) Acetone	3.985	43	503	Below Cal		93
20) Methylene Chloride	4.771	84	2526	Below Cal		97
31) Cyclohexane	7.832	56	2313	1.368	ug/l #	7
36) 1,1-Dichloropropene	7.825	75	8629	4.366	ug/l #	50
38) Carbon Tetrachloride	7.825	117	9922	4.941	ug/l #	15
76) 1,2,3-Trichloropropane	12.508	75	31580	37.177	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.508	75	31580	84.419	ug/l #	12

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

Quant Time: Jan 18 00:46:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
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QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

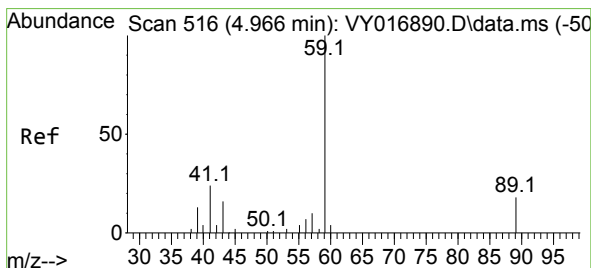
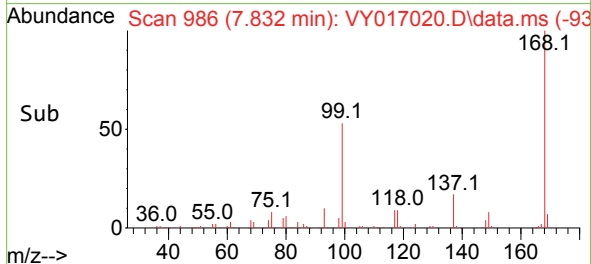
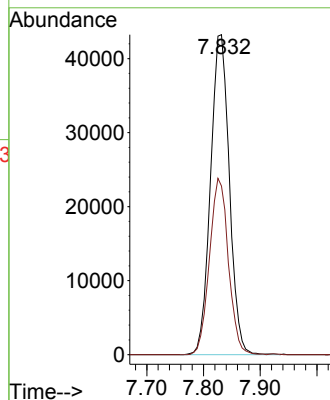
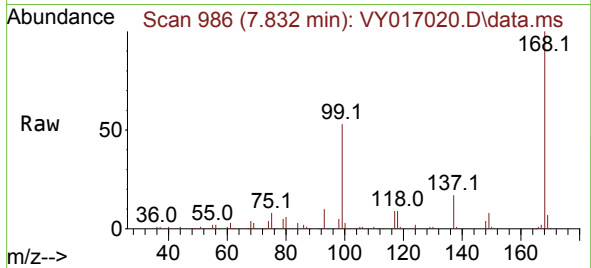




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.832 min Scan# 99
Delta R.T. 0.031 min
Lab File: VY017020.D
Acq: 17 Jan 2024 18:51

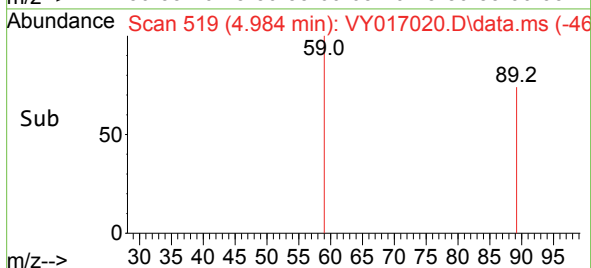
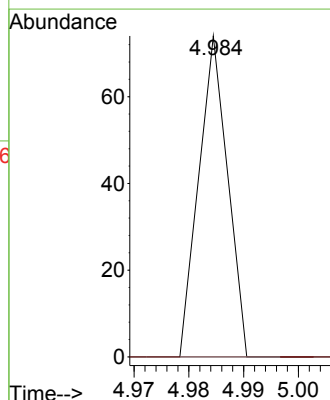
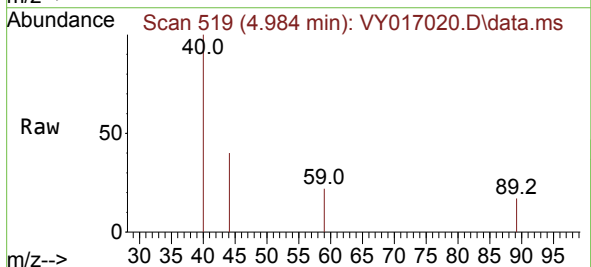
Instrument :
MSVOA_Y
ClientSampleId :

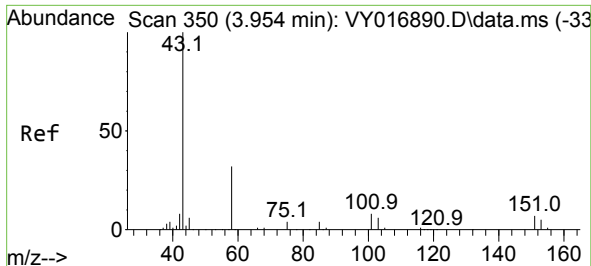
Tgt Ion:168 Resp: 99689
Ion Ratio Lower Upper
168 100
99 52.7 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.984 min Scan# 519
Delta R.T. 0.018 min
Lab File: VY017020.D
Acq: 17 Jan 2024 18:51

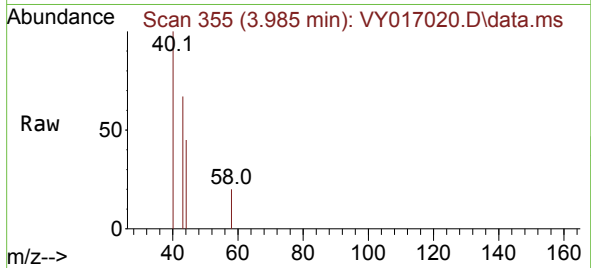
Tgt Ion: 59 Resp: 27
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



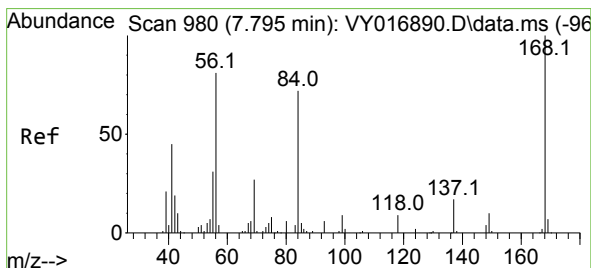
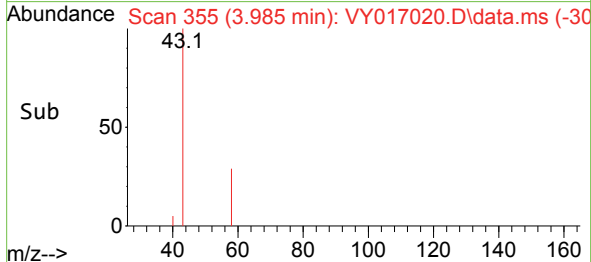
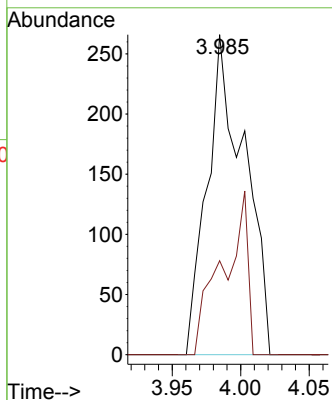


#16
Acetone
Concen: Below Cal
RT: 3.985 min Scan# 31
Delta R.T. 0.025 min
Lab File: VY017020.D
Acq: 17 Jan 2024 18:51

Instrument :
MSVOA_Y
ClientSampleId :

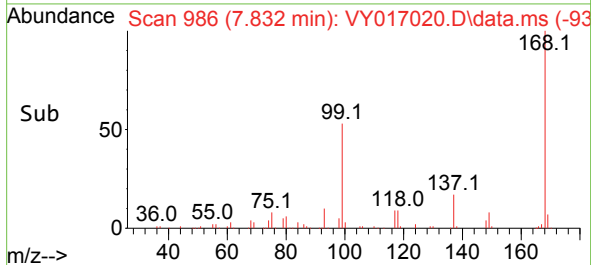
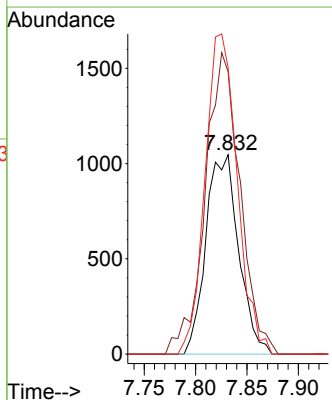
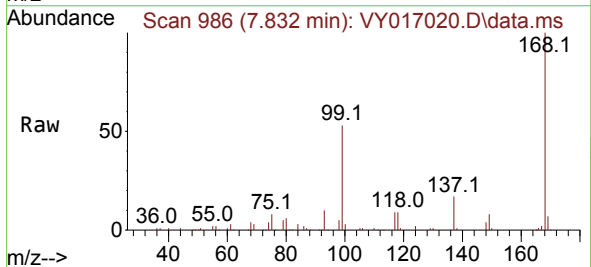


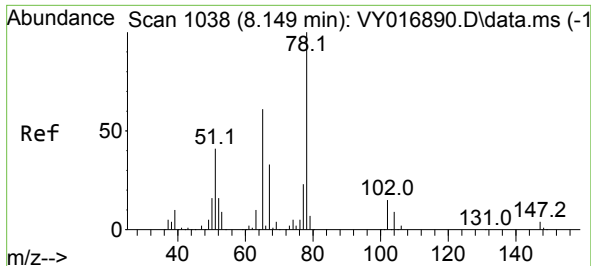
Tgt Ion: 43 Resp: 503
Ion Ratio Lower Upper
43 100
58 29.3 26.6 39.8



#31
Cyclohexane
Concen: 1.368 ug/l
RT: 7.832 min Scan# 986
Delta R.T. 0.031 min
Lab File: VY017020.D
Acq: 17 Jan 2024 18:51

Tgt Ion: 56 Resp: 2313
Ion Ratio Lower Upper
56 100
69 141.5 27.0 40.6#
84 143.6 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 48.770 ug/l

RT: 8.179 min Scan# 1103

Delta R.T. 0.024 min

Lab File: VY017020.D

Acq: 17 Jan 2024 18:51

Instrument :

MSVOA_Y

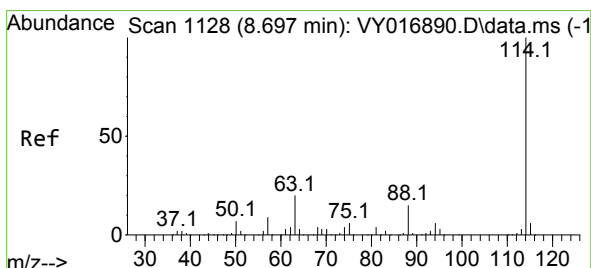
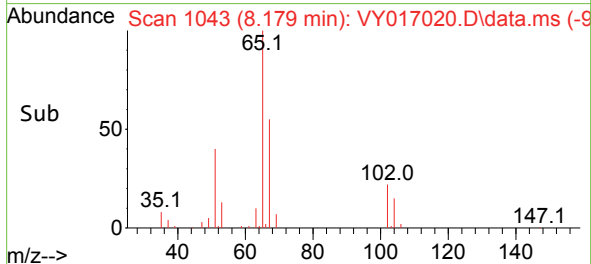
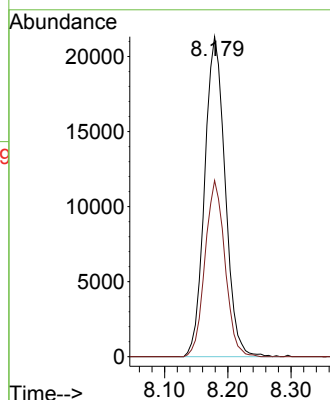
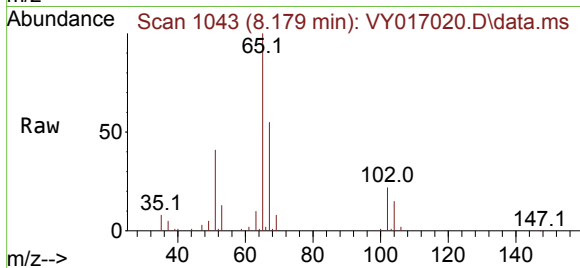
ClientSampleId :

Tgt Ion: 65 Resp: 48052

Ion Ratio Lower Upper

65 100

67 53.6 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.728 min Scan# 1133

Delta R.T. 0.025 min

Lab File: VY017020.D

Acq: 17 Jan 2024 18:51

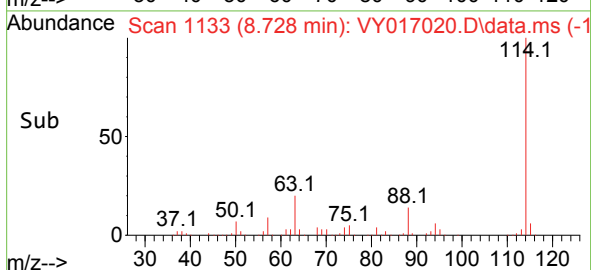
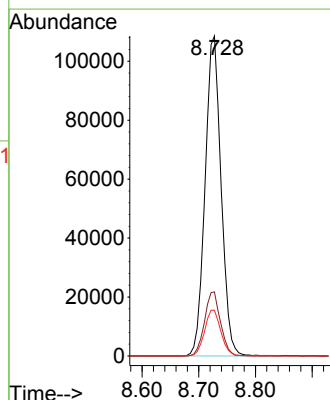
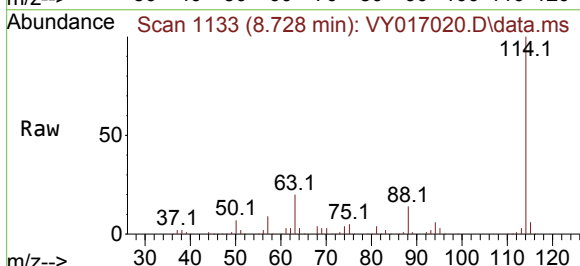
Tgt Ion:114 Resp: 212826

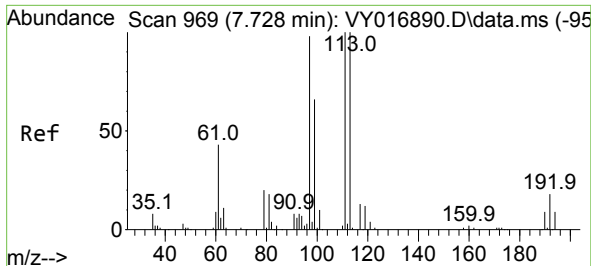
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

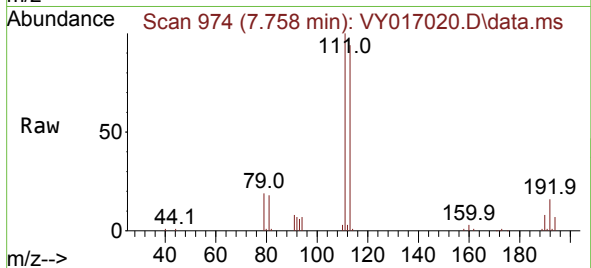
88 14.3 0.0 29.0



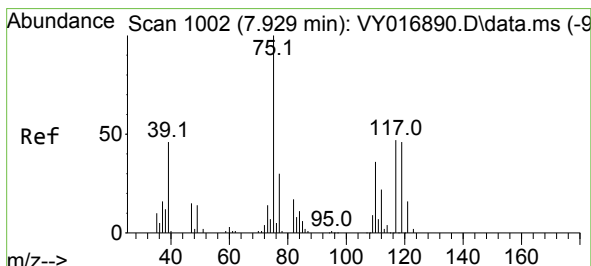
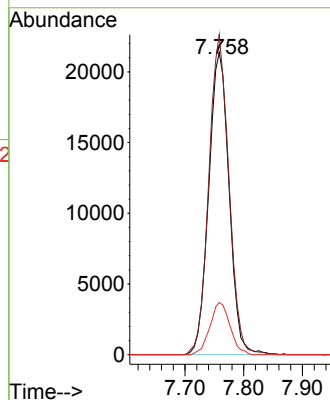
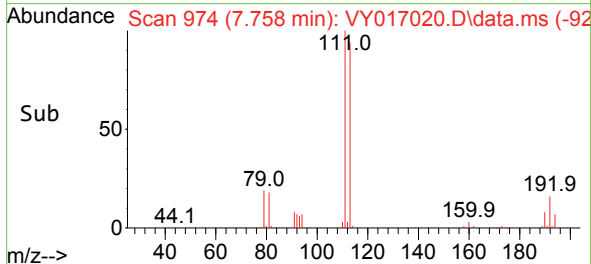


#35
Dibromofluoromethane
Concen: 37.933 ug/l
RT: 7.758 min Scan# 91
Delta R.T. 0.030 min
Lab File: VY017020.D
Acq: 17 Jan 2024 18:51

Instrument :
MSVOA_Y
ClientSampleId :

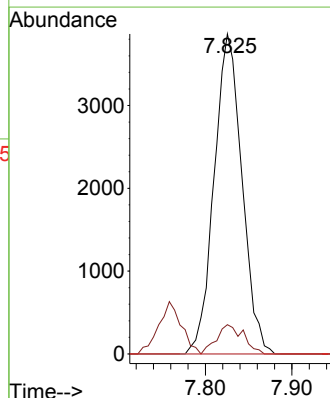
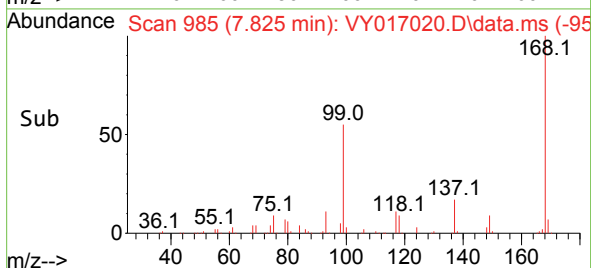
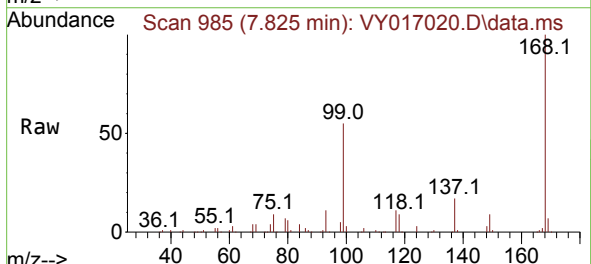


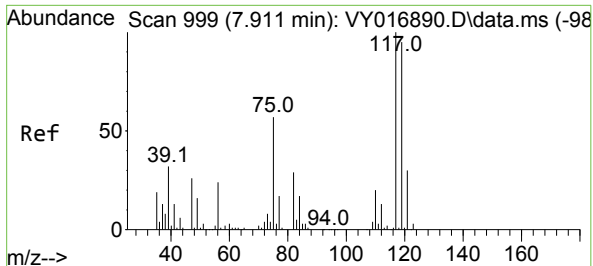
Tgt Ion:113 Resp: 51445
Ion Ratio Lower Upper
113 100
111 104.5 83.8 125.6
192 17.2 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.366 ug/l
RT: 7.825 min Scan# 985
Delta R.T. -0.104 min
Lab File: VY017020.D
Acq: 17 Jan 2024 18:51

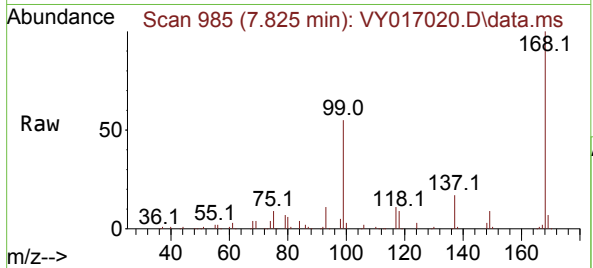
Tgt Ion: 75 Resp: 8629
Ion Ratio Lower Upper
75 100
110 8.8 17.4 52.3#
77 0.0 24.7 37.1#



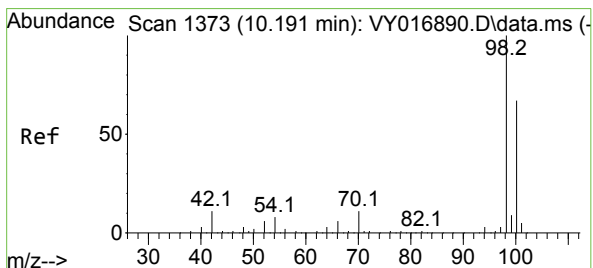
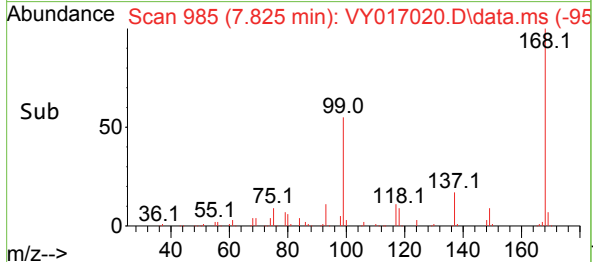
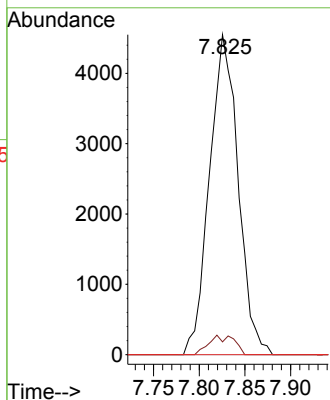


#38
Carbon Tetrachloride
Concen: 4.941 ug/l
RT: 7.825 min Scan# 91
Delta R.T. -0.092 min
Lab File: VY017020.D
Acq: 17 Jan 2024 18:51

Instrument :
MSVOA_Y
ClientSampleId :

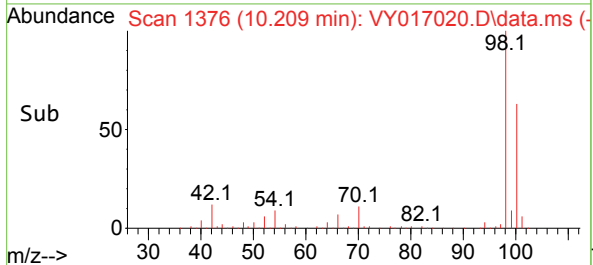
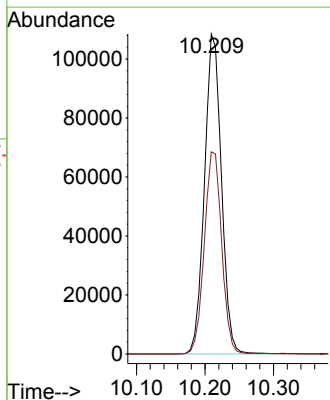
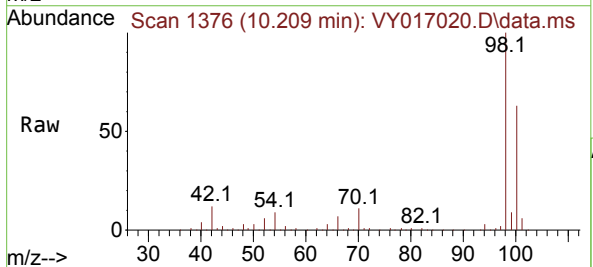


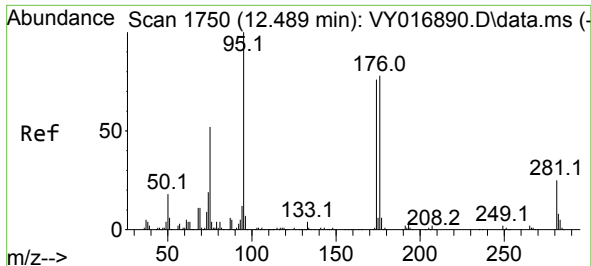
Tgt Ion:117 Resp: 9922
Ion Ratio Lower Upper
117 100
119 4.0 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 40.078 ug/l
RT: 10.209 min Scan# 1376
Delta R.T. 0.018 min
Lab File: VY017020.D
Acq: 17 Jan 2024 18:51

Tgt Ion: 98 Resp: 187168
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5

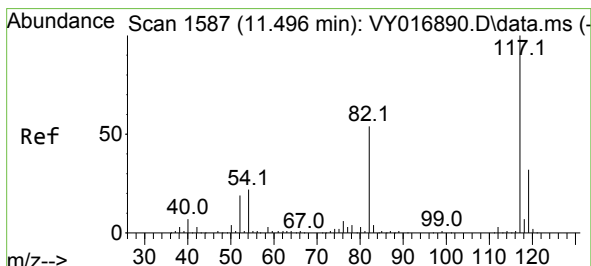
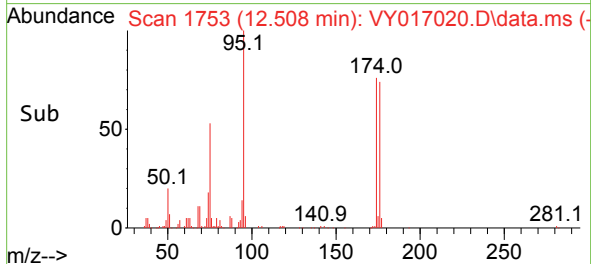
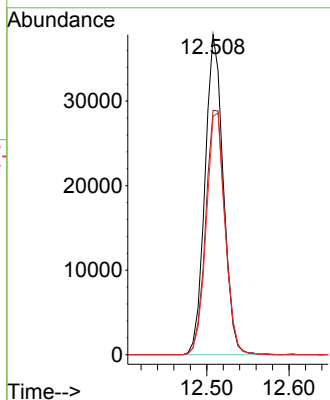
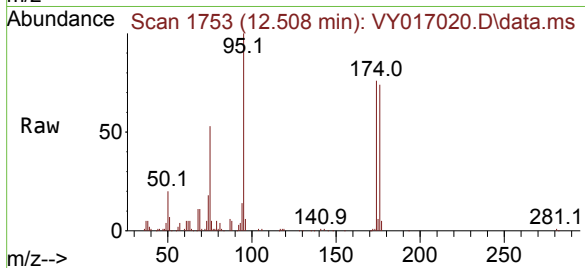




#62
4-Bromofluorobenzene
Concen: 37.029 ug/l
RT: 12.508 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017020.D
Acq: 17 Jan 2024 18:51

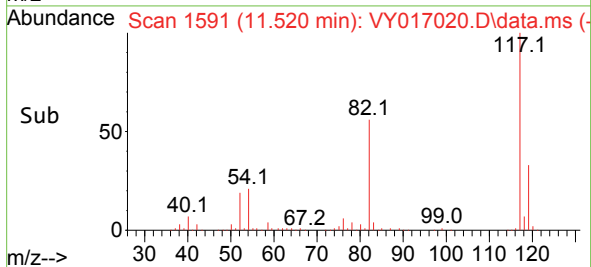
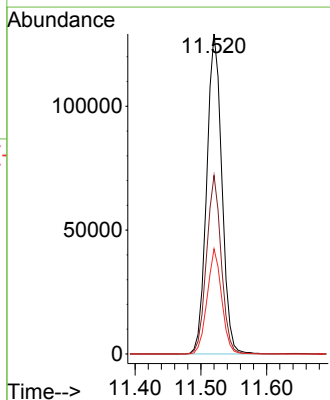
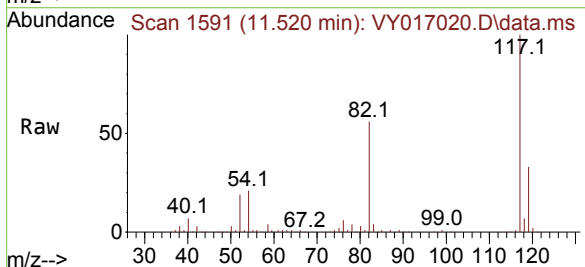
Instrument :
MSVOA_Y
ClientSampleId :

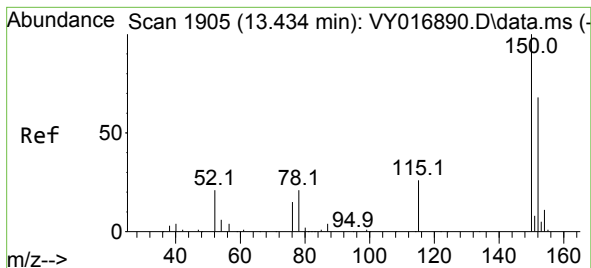
Tgt Ion: 95 Resp: 58344
Ion Ratio Lower Upper
95 100
174 81.3 0.0 160.0
176 77.6 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.018 min
Lab File: VY017020.D
Acq: 17 Jan 2024 18:51

Tgt Ion: 117 Resp: 207076
Ion Ratio Lower Upper
117 100
82 55.8 43.8 65.8
119 32.8 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.452 min Scan# 1905

Delta R.T. 0.018 min

Lab File: VY017020.D

Acq: 17 Jan 2024 18:51

Instrument :

MSVOA_Y

ClientSampleId :

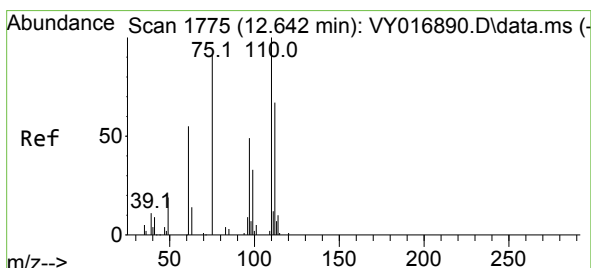
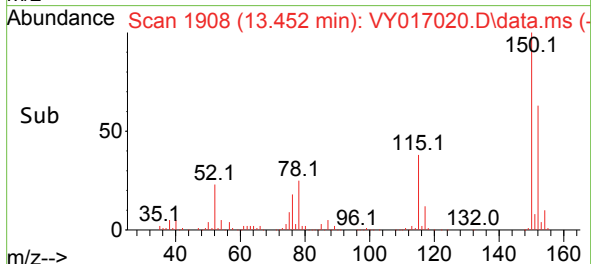
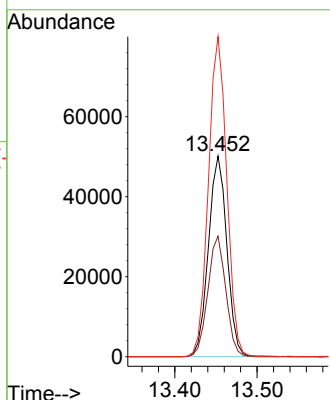
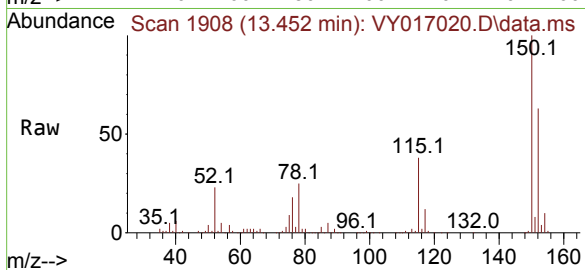
Tgt Ion:152 Resp: 78278

Ion Ratio Lower Upper

152 100

115 58.5 30.0 90.0

150 158.3 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 37.177 ug/l

RT: 12.508 min Scan# 1753

Delta R.T. -0.134 min

Lab File: VY017020.D

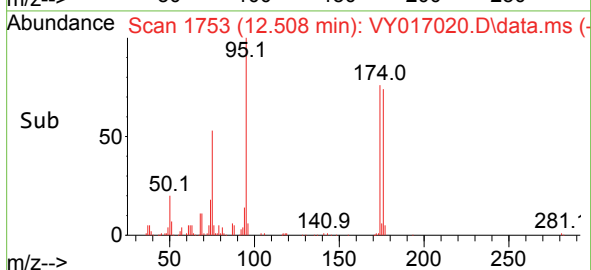
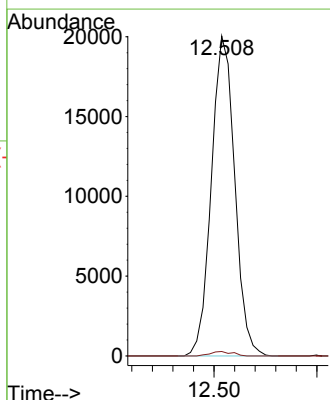
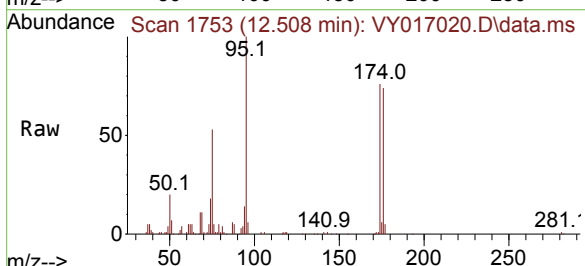
Acq: 17 Jan 2024 18:51

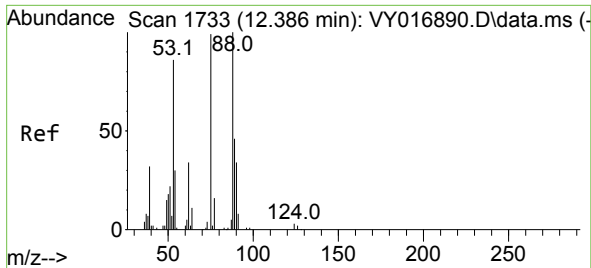
Tgt Ion: 75 Resp: 31580

Ion Ratio Lower Upper

75 100

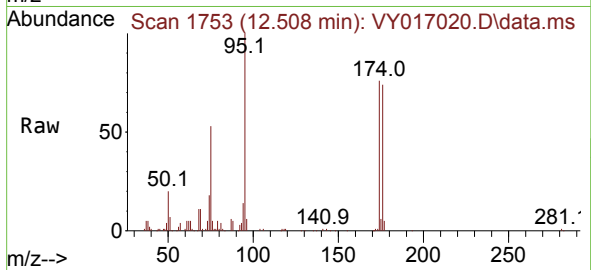
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.419 ug/l
 RT: 12.508 min Scan# 11
 Delta R.T. 0.123 min
 Lab File: VY017020.D
 Acq: 17 Jan 2024 18:51

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.0	111.0#
89	0.0	36.5	54.7#

