

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012224\
 Data File : VY017076.D
 Acq On : 22 Jan 2024 15:29
 Operator : SY/MD
 Sample : P1207-04
 Misc : 4.15g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 23 01:46:59 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)

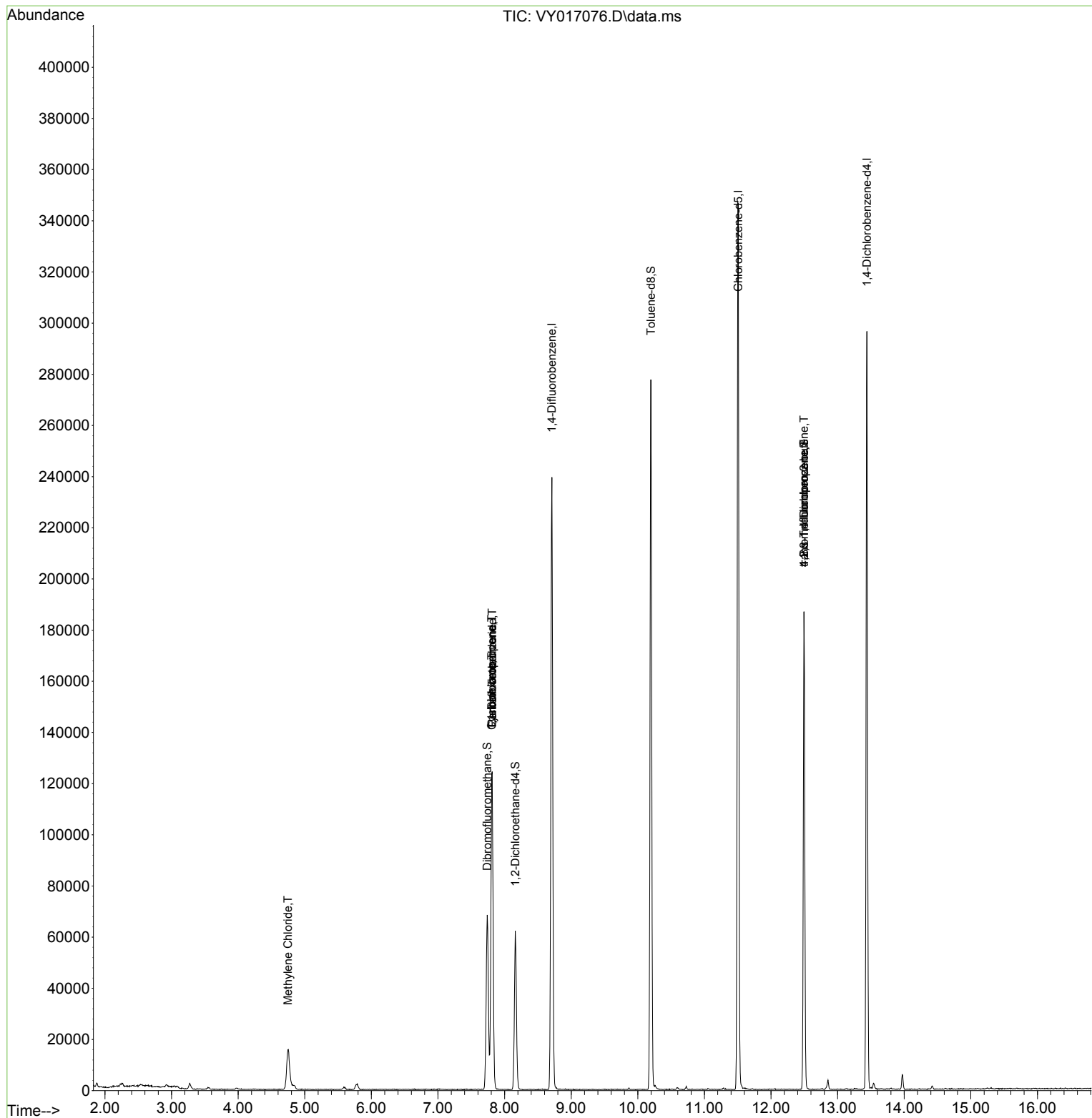
Internal Standards						
1) Pentafluorobenzene	7.813	168	95849	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	204826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	195371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	72492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	44818	47.310	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.620%
35) Dibromofluoromethane	7.740	113	49077	37.600	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.200%
50) Toluene-d8	10.197	98	180061	40.062	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.120%
62) 4-Bromofluorobenzene	12.495	95	56197	37.059	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.120%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	40	Below Cal	#	75
16) Acetone	3.967	43	855	Below Cal		94
20) Methylene Chloride	4.747	84	12480	3.575	ug/l	94
31) Cyclohexane	7.807	56	2115	1.301	ug/l #	1
36) 1,1-Dichloropropene	7.807	75	7880	4.143	ug/l #	49
38) Carbon Tetrachloride	7.813	117	9727	5.033	ug/l #	16
76) 1,2,3-Trichloropropane	12.495	75	29436	37.419	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	29436	84.968	ug/l #	12

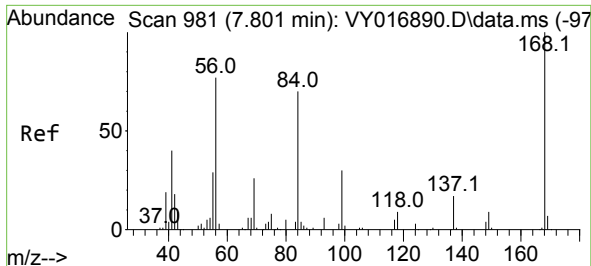
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012224\
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Misc : 4.15g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

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Quant Time: Jan 23 01:46:59 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

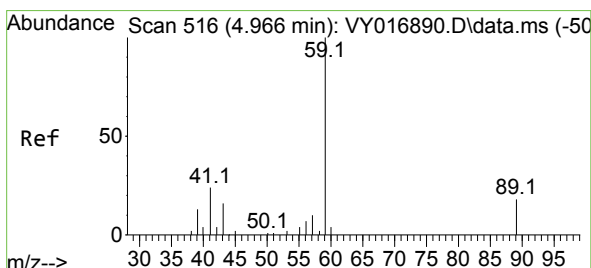
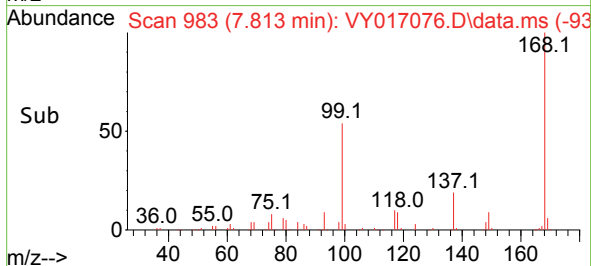
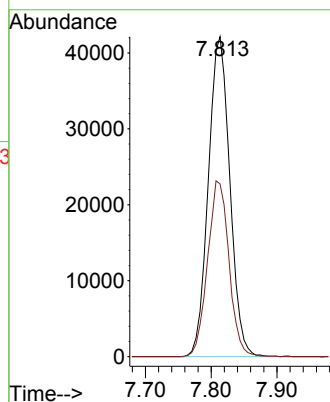
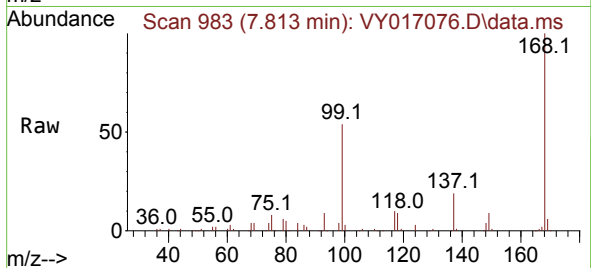




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017076.D
Acq: 22 Jan 2024 15:29

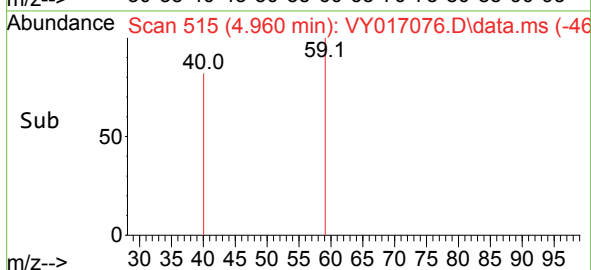
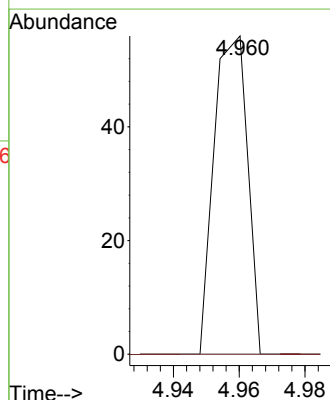
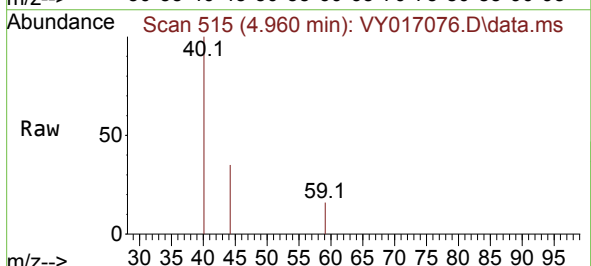
Instrument :
MSVOA_Y
ClientSampleId :

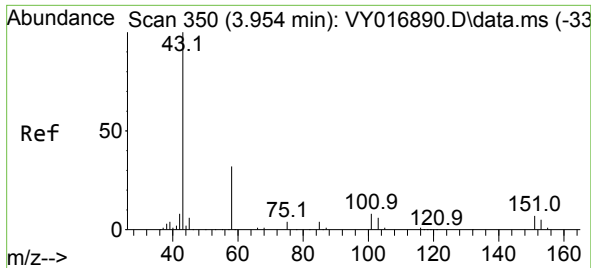
Tgt Ion:168 Resp: 95849
Ion Ratio Lower Upper
168 100
99 54.0 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY017076.D
Acq: 22 Jan 2024 15:29

Tgt Ion: 59 Resp: 40
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: Below Cal

RT: 3.967 min Scan# 31

Delta R.T. 0.007 min

Lab File: VY017076.D

Acq: 22 Jan 2024 15:29

Instrument :

MSVOA_Y

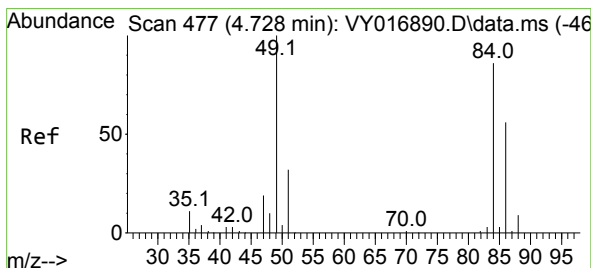
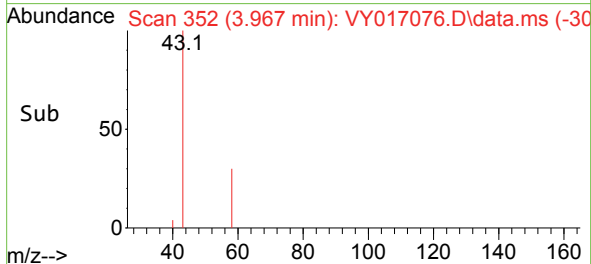
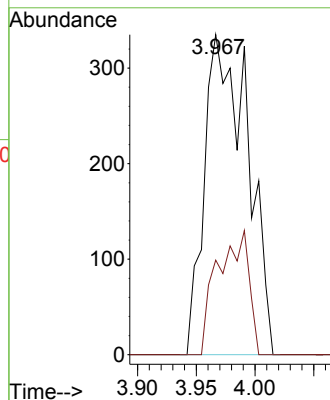
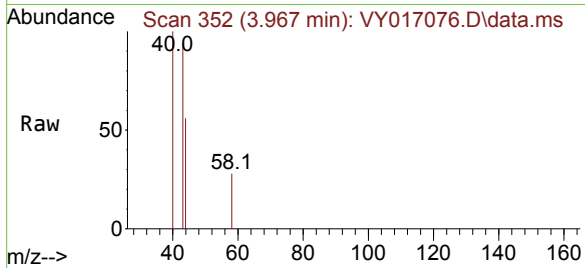
ClientSampleId :

Tgt Ion: 43 Resp: 855

Ion Ratio Lower Upper

43 100

58 29.6 26.6 39.8



#20

Methylene Chloride

Concen: 3.575 ug/l

RT: 4.747 min Scan# 480

Delta R.T. 0.013 min

Lab File: VY017076.D

Acq: 22 Jan 2024 15:29

Tgt Ion: 84 Resp: 12480

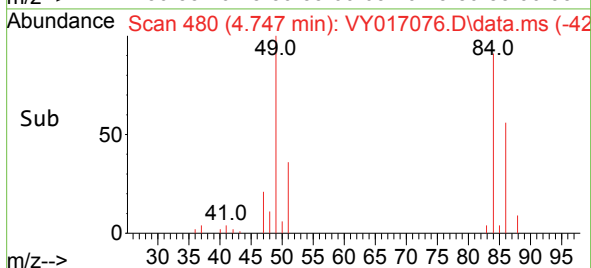
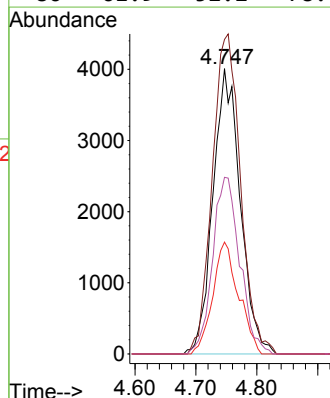
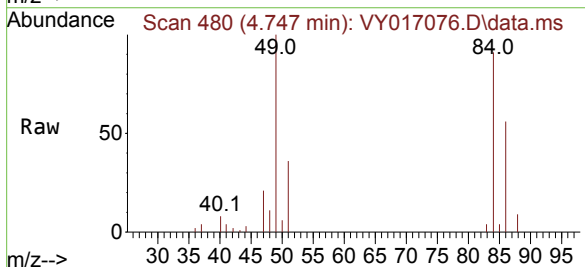
Ion Ratio Lower Upper

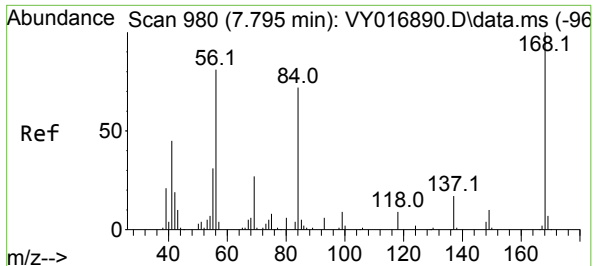
84 100

49 110.3 95.2 142.8

51 39.2 29.9 44.9

86 61.9 52.2 78.4

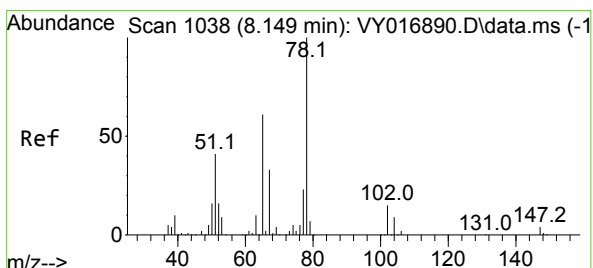
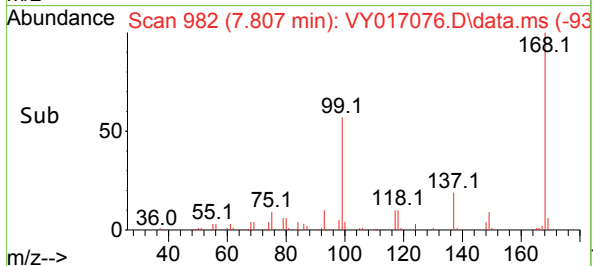
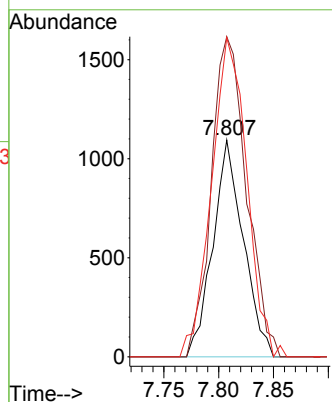
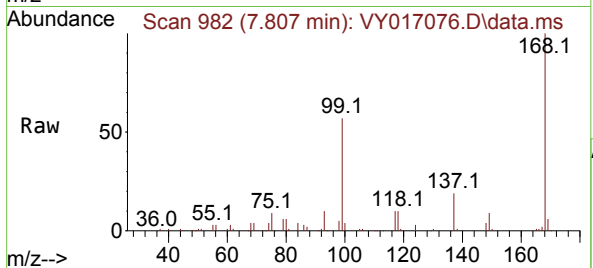




#31
Cyclohexane
Concen: 1.301 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017076.D
Acq: 22 Jan 2024 15:29

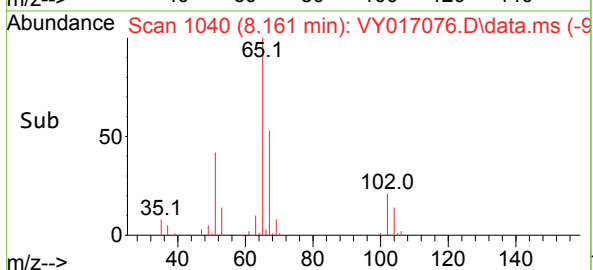
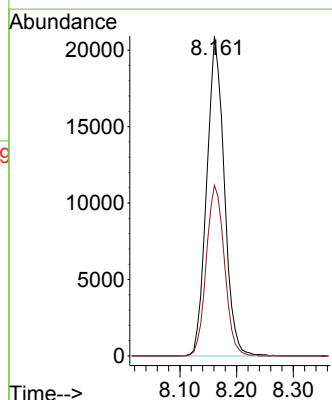
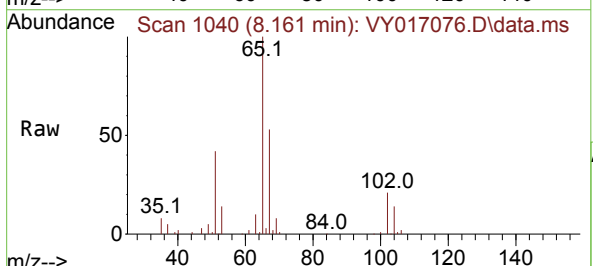
Instrument :
MSVOA_Y
ClientSampleId :

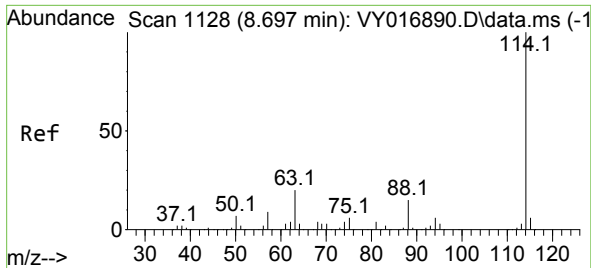
Tgt Ion: 56 Resp: 2115
Ion Ratio Lower Upper
56 100
69 147.7 27.0 40.6#
84 147.3 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 47.310 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY017076.D
Acq: 22 Jan 2024 15:29

Tgt Ion: 65 Resp: 44818
Ion Ratio Lower Upper
65 100
67 55.3 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1130

Delta R.T. 0.007 min

Lab File: VY017076.D

Acq: 22 Jan 2024 15:29

Instrument :

MSVOA_Y

ClientSampleId :

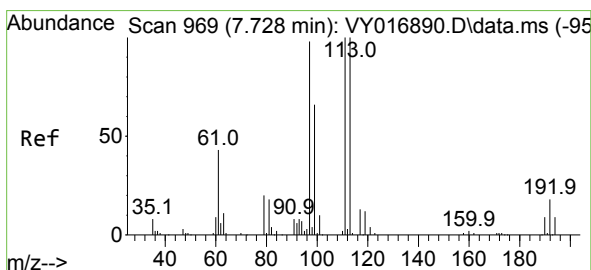
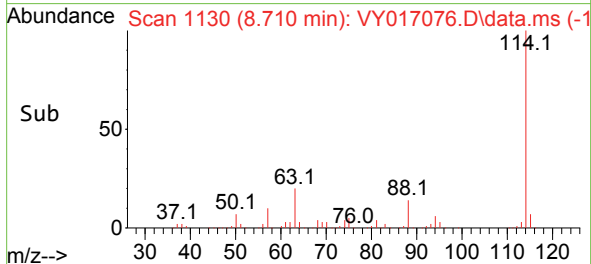
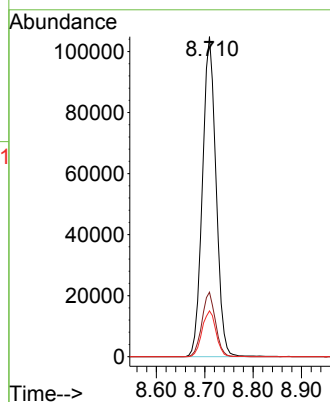
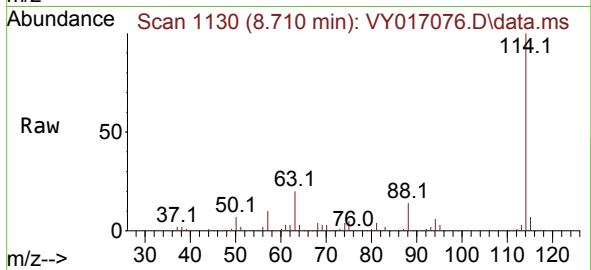
Tgt Ion:114 Resp: 204826

Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 14.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 37.600 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY017076.D

Acq: 22 Jan 2024 15:29

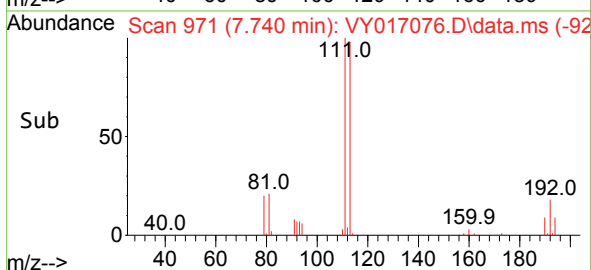
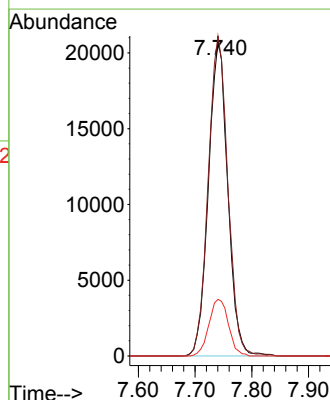
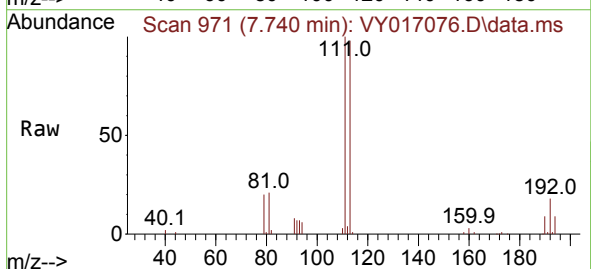
Tgt Ion:113 Resp: 49077

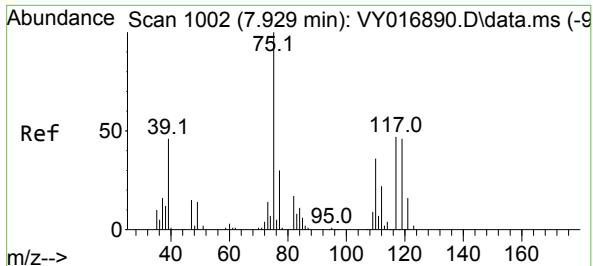
Ion Ratio Lower Upper

113 100

111 103.5 83.8 125.6

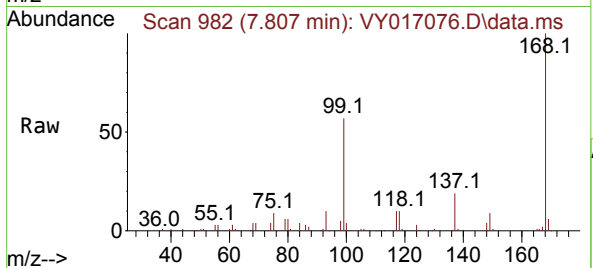
192 18.2 14.5 21.7



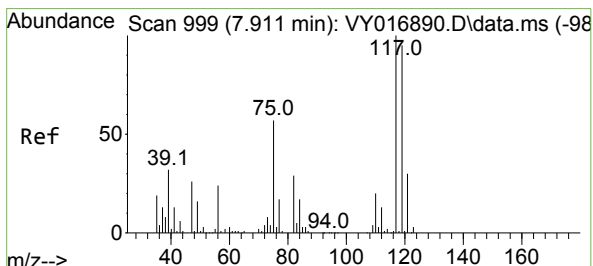
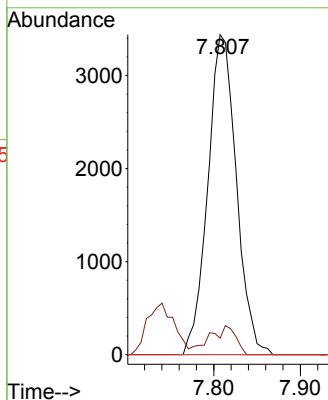
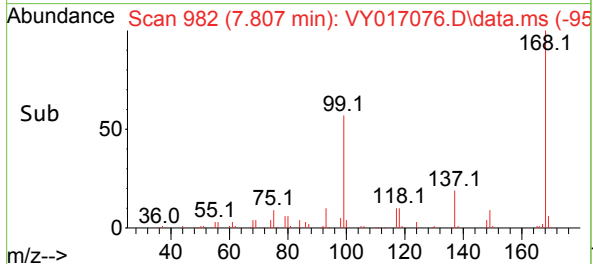


#36
1,1-Dichloropropene
Concen: 4.143 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY017076.D
Acq: 22 Jan 2024 15:29

Instrument :
MSVOA_Y
ClientSampleId :

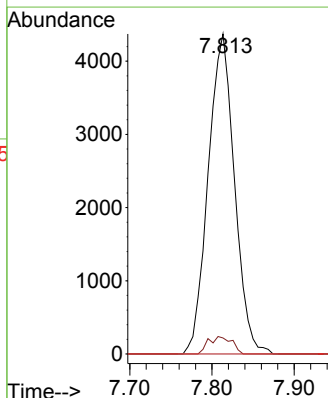
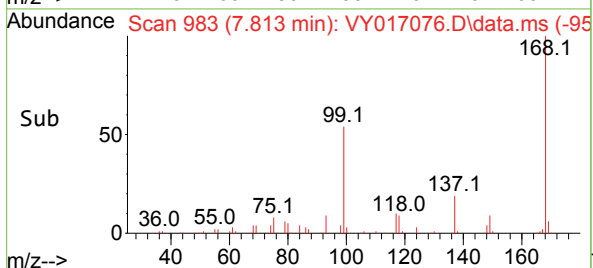
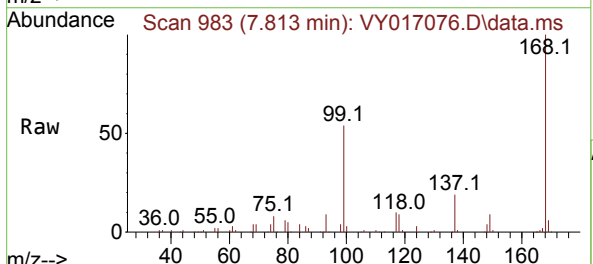


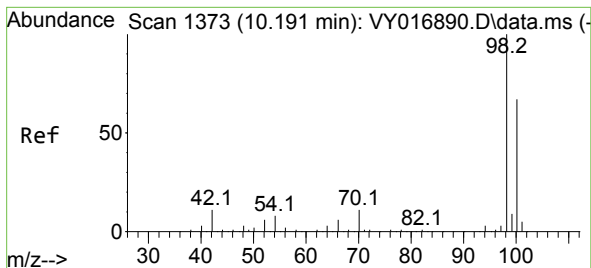
Tgt Ion: 75 Resp: 7880
Ion Ratio Lower Upper
75 100
110 7.9 17.4 52.3#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.033 ug/l
RT: 7.813 min Scan# 983
Delta R.T. -0.104 min
Lab File: VY017076.D
Acq: 22 Jan 2024 15:29

Tgt Ion: 117 Resp: 9727
Ion Ratio Lower Upper
117 100
119 5.0 76.0 114.0#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 40.062 ug/l

RT: 10.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017076.D

Acq: 22 Jan 2024 15:29

Instrument :

MSVOA_Y

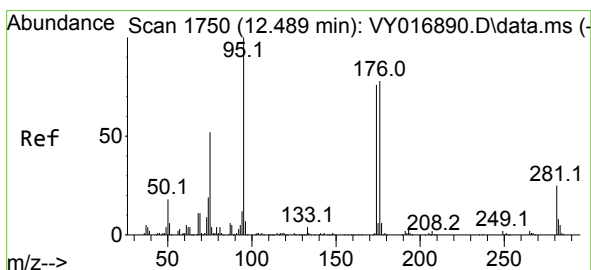
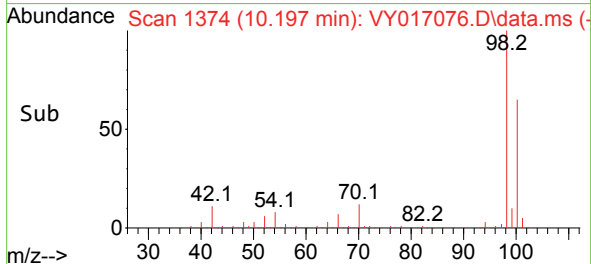
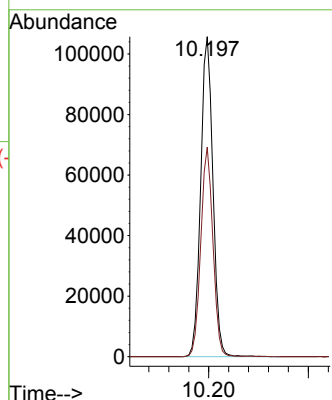
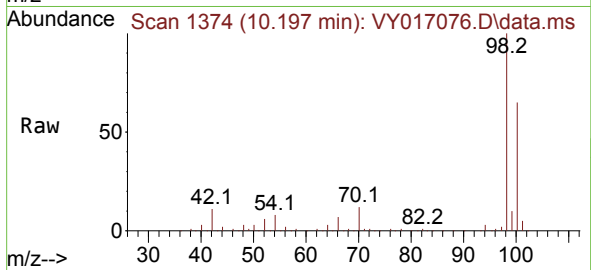
ClientSampleId :

Tgt Ion: 98 Resp: 180061

Ion Ratio Lower Upper

98 100

100 64.8 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 37.059 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY017076.D

Acq: 22 Jan 2024 15:29

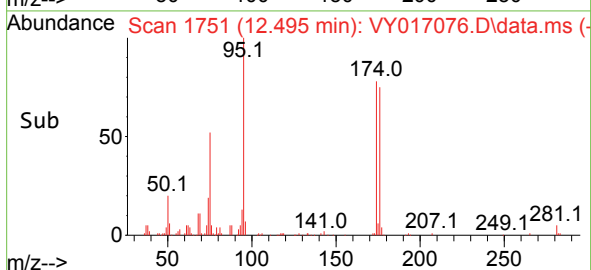
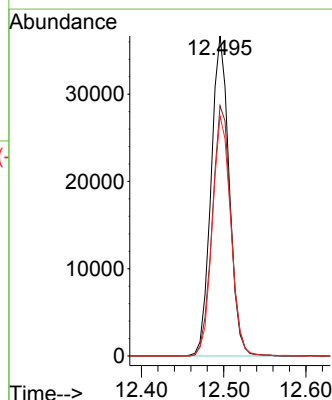
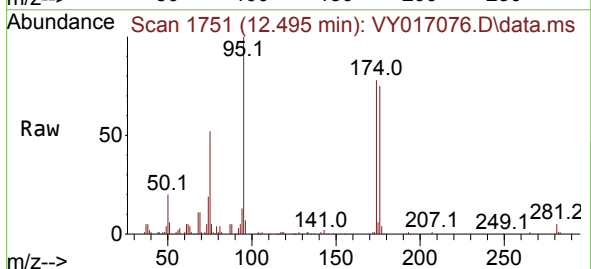
Tgt Ion: 95 Resp: 56197

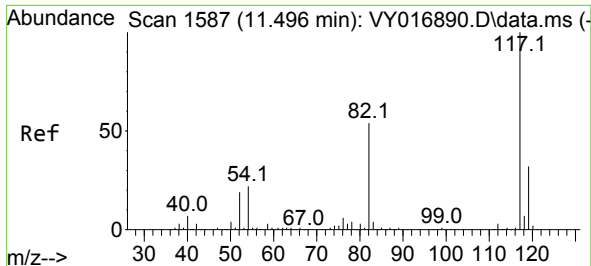
Ion Ratio Lower Upper

95 100

174 80.3 0.0 160.0

176 76.1 0.0 151.8

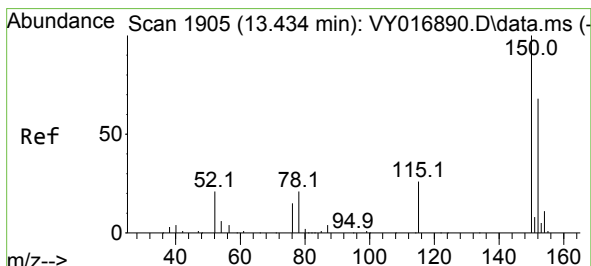
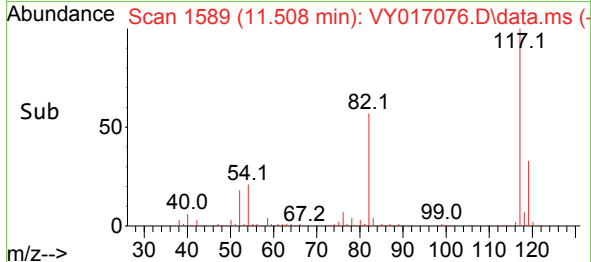
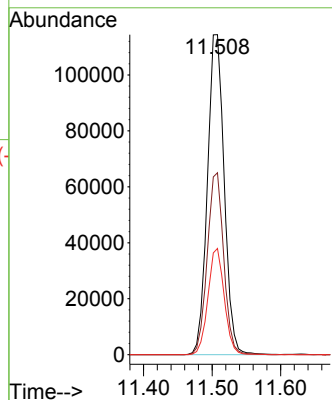
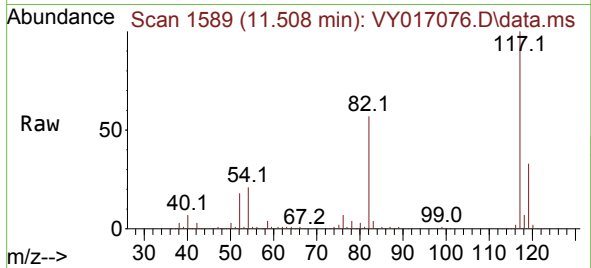




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017076.D
Acq: 22 Jan 2024 15:29

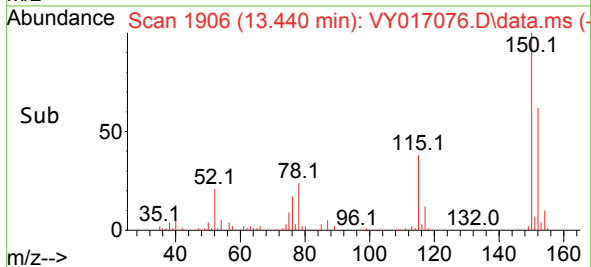
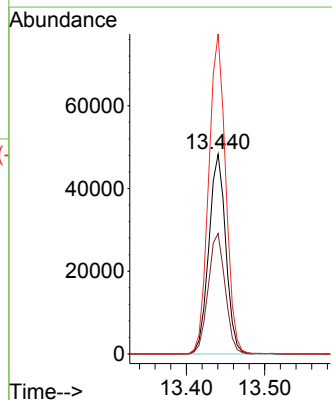
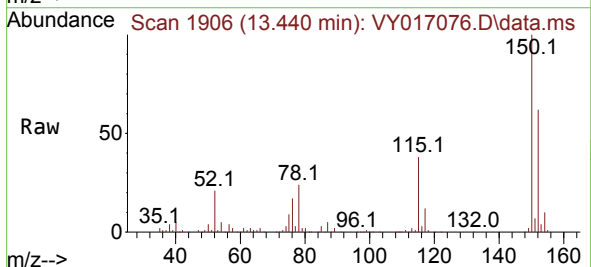
Instrument :
MSVOA_Y
ClientSampleId :

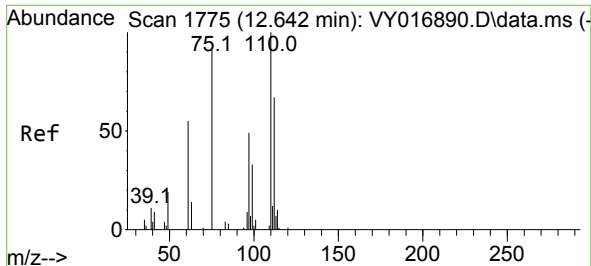
Tgt Ion:117 Resp: 195371
Ion Ratio Lower Upper
117 100
82 56.8 43.8 65.8
119 33.2 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY017076.D
Acq: 22 Jan 2024 15:29

Tgt Ion:152 Resp: 72492
Ion Ratio Lower Upper
152 100
115 60.7 30.0 90.0
150 160.6 0.0 344.6

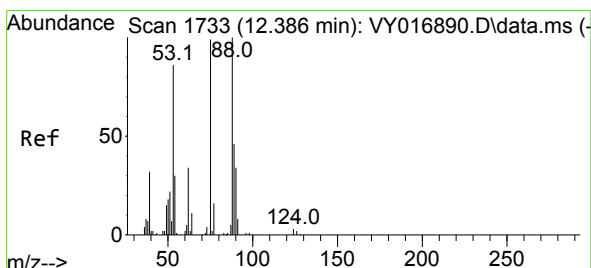
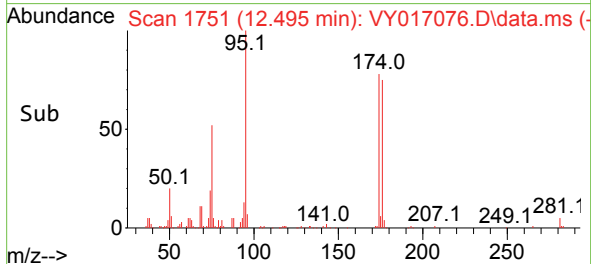
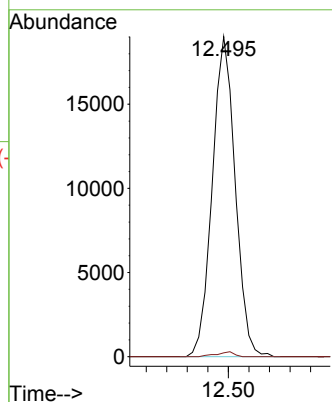
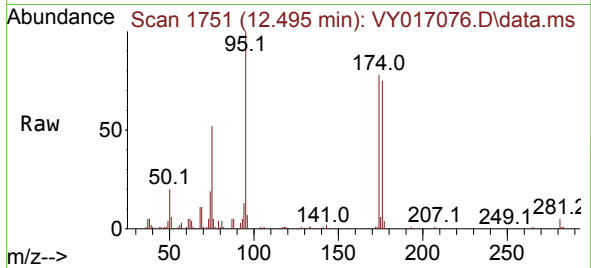




#76
1,2,3-Trichloropropane
Concen: 37.419 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.147 min
Lab File: VY017076.D
Acq: 22 Jan 2024 15:29

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 29436
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.968 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY017076.D
Acq: 22 Jan 2024 15:29

Tgt Ion: 75 Resp: 29436
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#

