

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012224\
 Data File : VY017073.D
 Acq On : 22 Jan 2024 14:19
 Operator : SY/MD
 Sample : P1207-01
 Misc : 7.64g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 23 01:45:56 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)

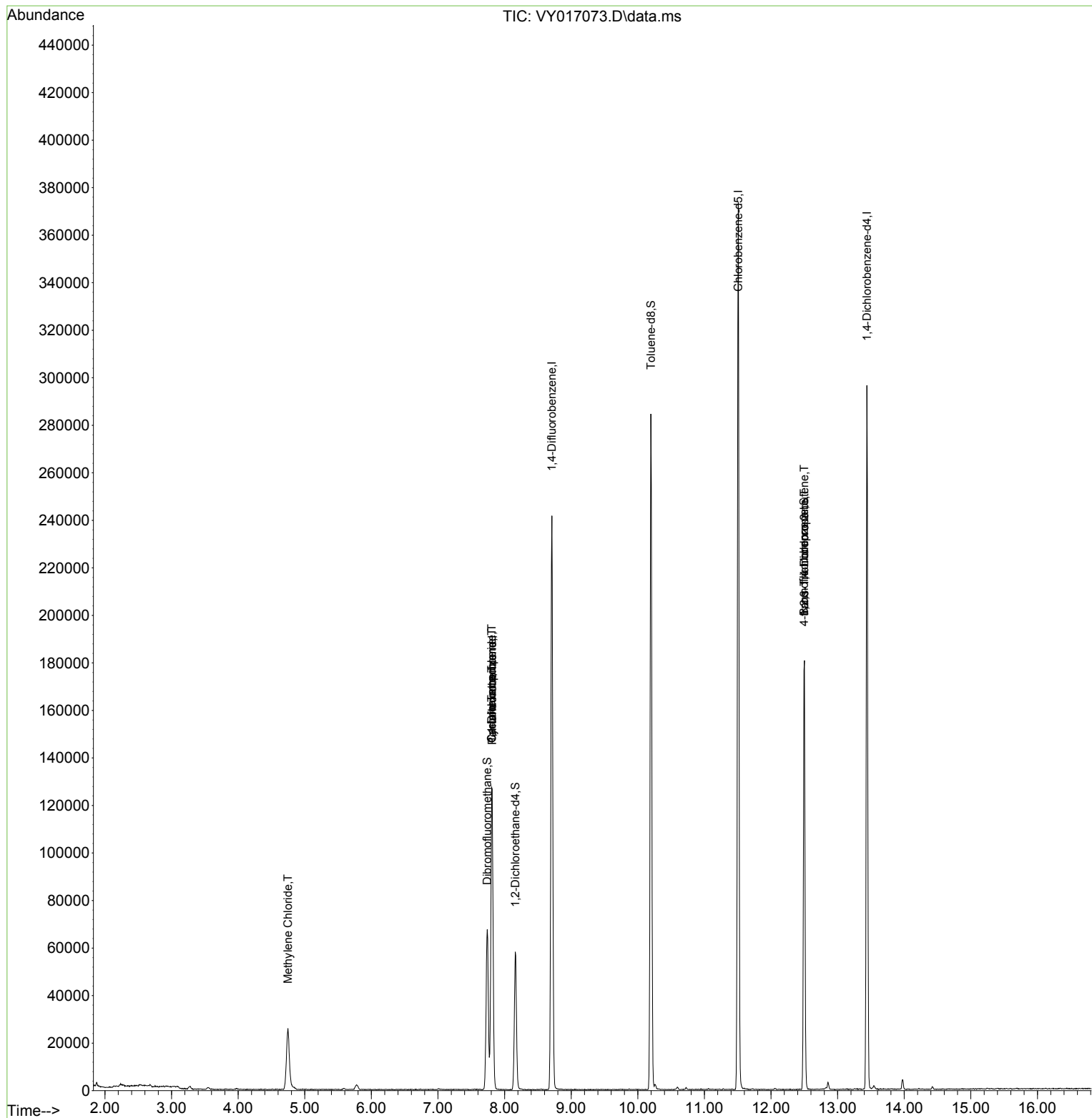
Internal Standards						
1) Pentafluorobenzene	7.813	168	99604	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	207340	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	201084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	72758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	44215	44.914	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.820%
35) Dibromofluoromethane	7.740	113	49573	37.520	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.040%
50) Toluene-d8	10.197	98	185257	40.718	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	81.440%
62) 4-Bromofluorobenzene	12.495	95	56999	37.132	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.260%
Target Compounds						
					Qvalue	
16) Acetone	3.979	43	647	Below Cal	#	75
20) Methylene Chloride	4.747	84	19485	9.273	ug/l	98
25) 2-Butanone	7.015	43	102	Below Cal	#	48
31) Cyclohexane	7.807	56	2327	1.377	ug/l #	1
36) 1,1-Dichloropropene	7.807	75	8106	4.210	ug/l #	51
38) Carbon Tetrachloride	7.807	117	9645	4.930	ug/l #	16
76) 1,2,3-Trichloropropane	12.501	75	29674	37.583	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.501	75	29674	85.342	ug/l #	12

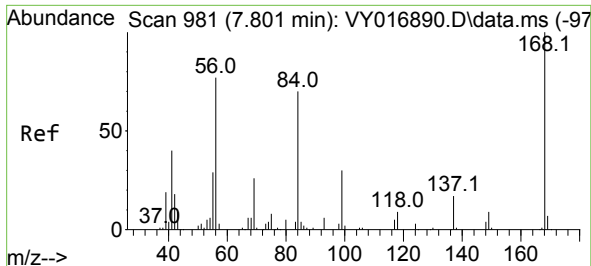
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012224\
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Misc : 7.64g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Quant Time: Jan 23 01:45:56 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

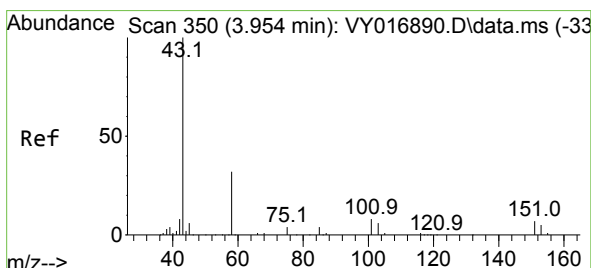
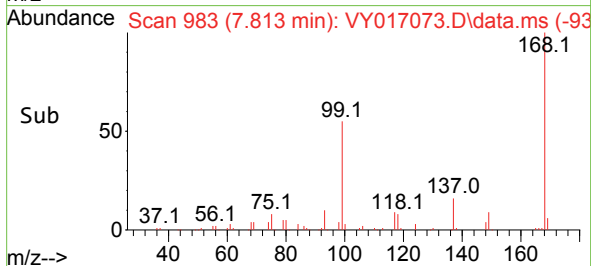
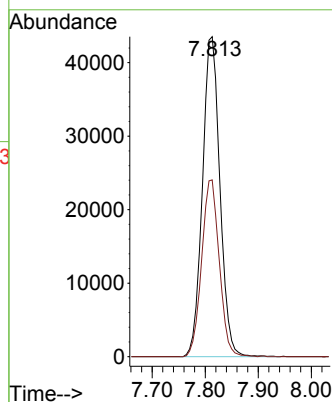
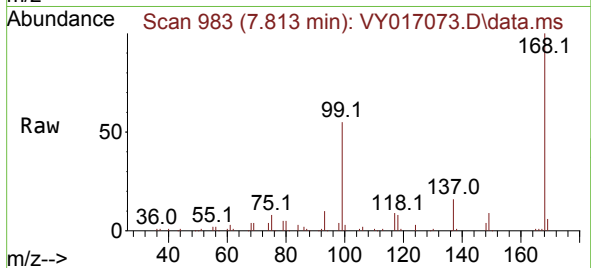




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017073.D
Acq: 22 Jan 2024 14:19

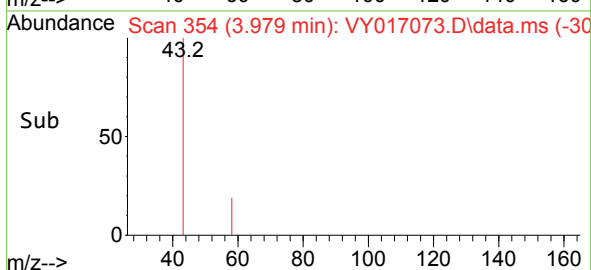
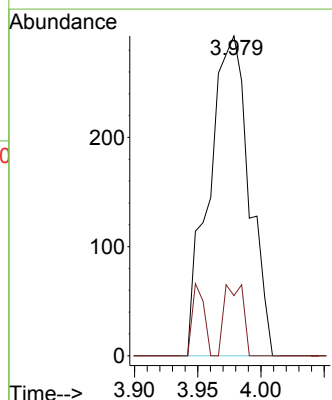
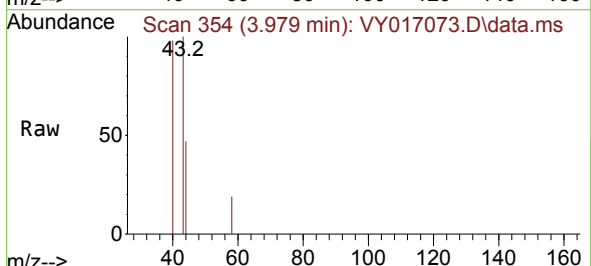
Instrument :
MSVOA_Y
ClientSampleId :

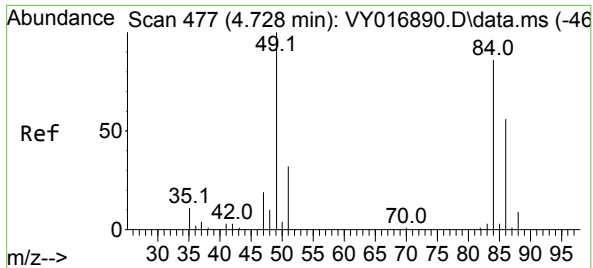
Tgt Ion:168 Resp: 99604
Ion Ratio Lower Upper
168 100
99 55.3 44.2 66.4



#16
Acetone
Concen: Below Cal
RT: 3.979 min Scan# 354
Delta R.T. 0.019 min
Lab File: VY017073.D
Acq: 22 Jan 2024 14:19

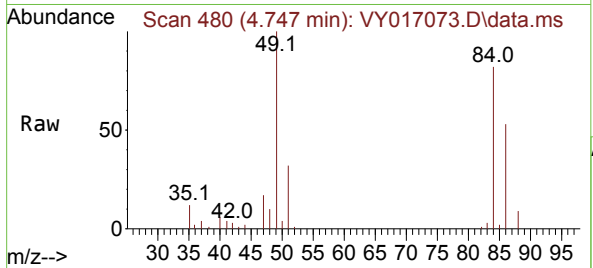
Tgt Ion: 43 Resp: 647
Ion Ratio Lower Upper
43 100
58 18.8 26.6 39.8#



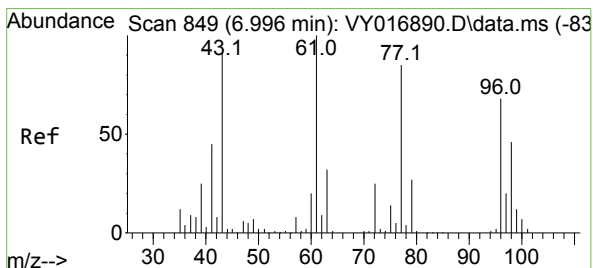
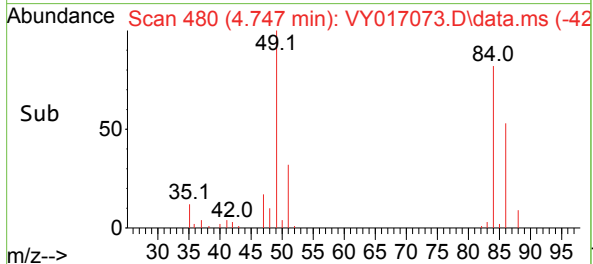
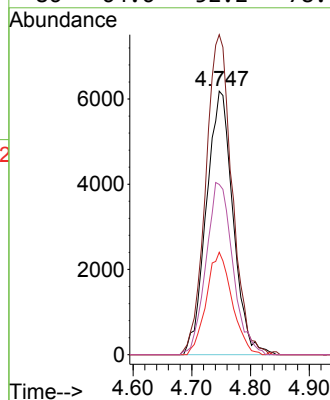


#20
Methylene Chloride
Concen: 9.273 ug/l
RT: 4.747 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY017073.D
Acq: 22 Jan 2024 14:19

Instrument :
MSVOA_Y
ClientSampleId :

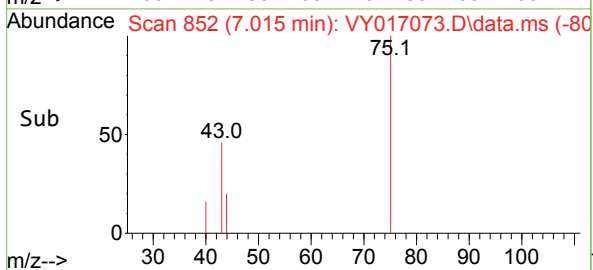
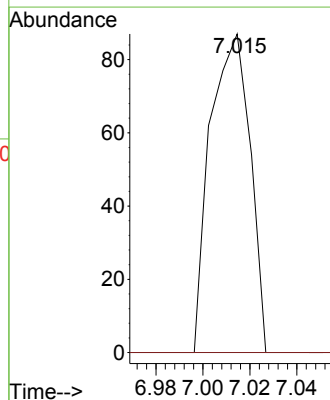
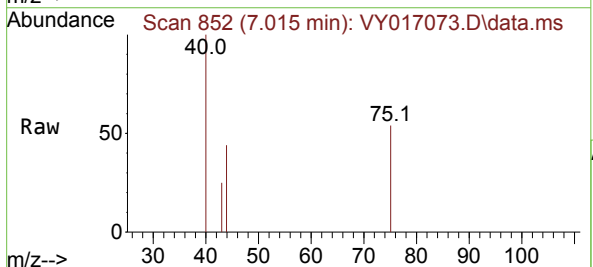


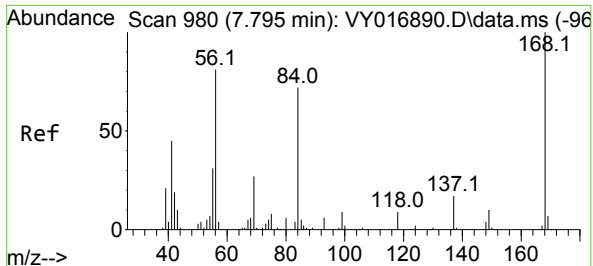
Tgt Ion: 84	Resp: 19485
Ion Ratio	Lower Upper
84 100	
49 121.4	95.2 142.8
51 38.8	29.9 44.9
86 64.6	52.2 78.4



#25
2-Butanone
Concen: Below Cal
RT: 7.015 min Scan# 852
Delta R.T. 0.019 min
Lab File: VY017073.D
Acq: 22 Jan 2024 14:19

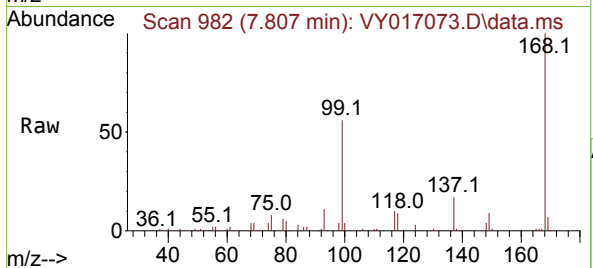
Tgt Ion: 43	Resp: 102		
Ion Ratio	Lower	Upper	
43 100			
72 0.0	21.4	32.2#	



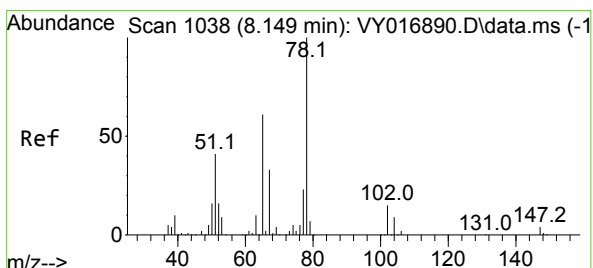
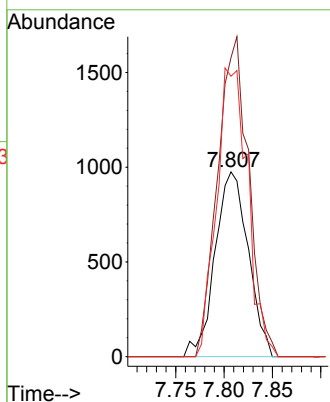
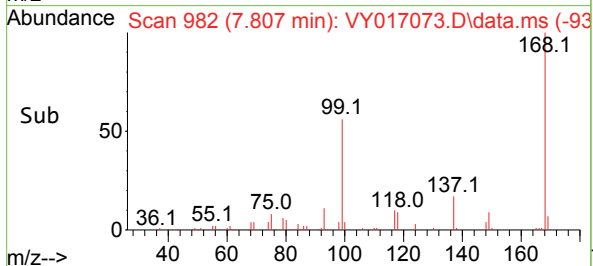


#31
Cyclohexane
Concen: 1.377 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017073.D
Acq: 22 Jan 2024 14:19

Instrument :
MSVOA_Y
ClientSampleId :

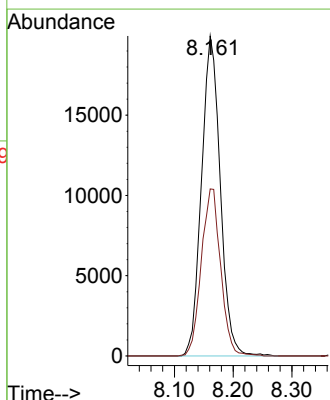
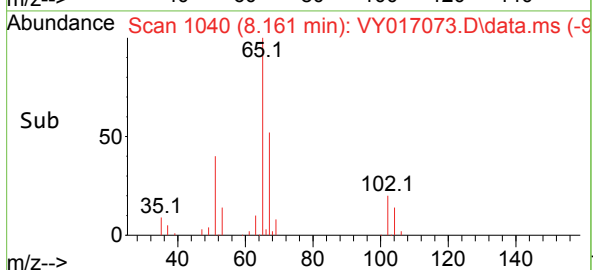
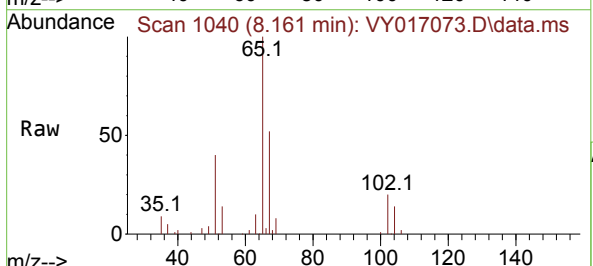


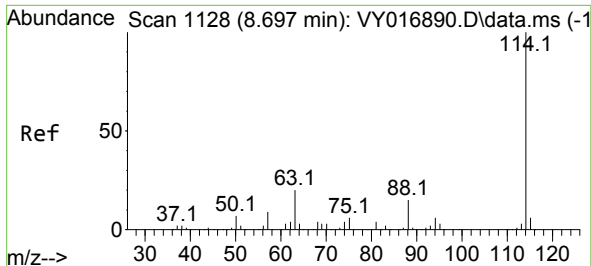
Tgt Ion: 56 Resp: 2327
Ion Ratio Lower Upper
56 100
69 161.8 27.0 40.6#
84 151.8 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 44.914 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY017073.D
Acq: 22 Jan 2024 14:19

Tgt Ion: 65 Resp: 44215
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.0

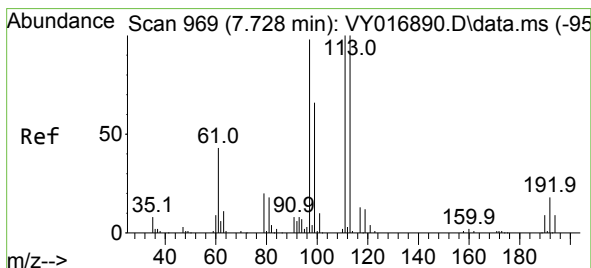
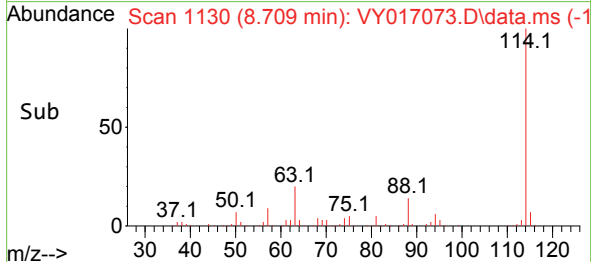
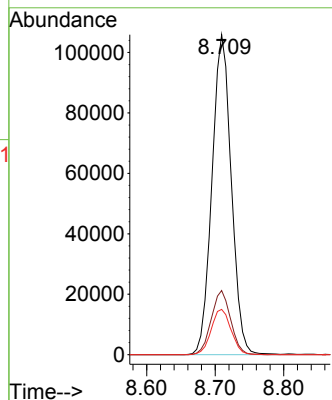
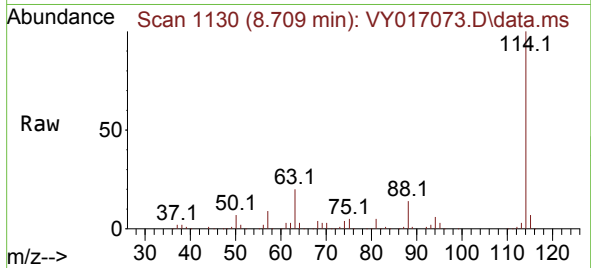




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.709 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY017073.D
Acq: 22 Jan 2024 14:19

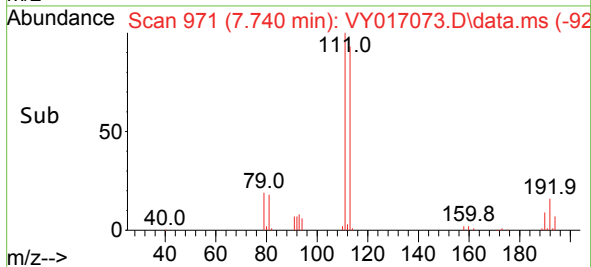
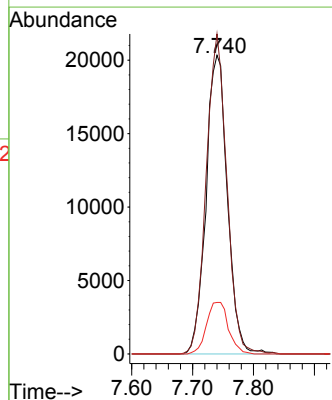
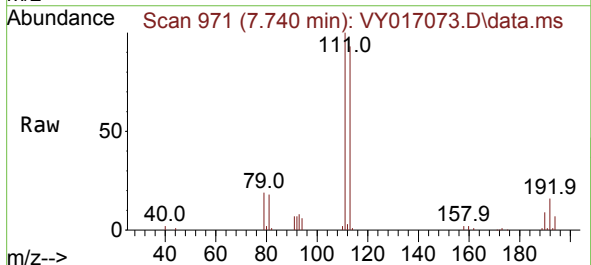
Instrument :
MSVOA_Y
ClientSampleId :

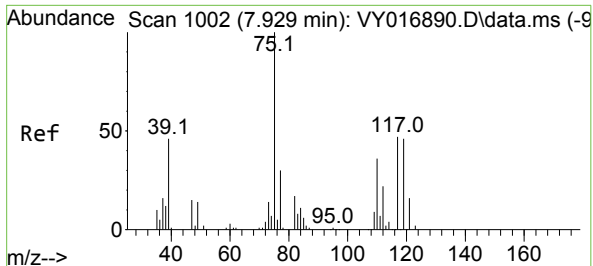
Tgt Ion:114 Resp: 207340
Ion Ratio Lower Upper
114 100
63 20.1 0.0 37.4
88 14.2 0.0 29.0



#35
Dibromofluoromethane
Concen: 37.520 ug/l
RT: 7.740 min Scan# 971
Delta R.T. 0.012 min
Lab File: VY017073.D
Acq: 22 Jan 2024 14:19

Tgt Ion:113 Resp: 49573
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.6
192 17.7 14.5 21.7

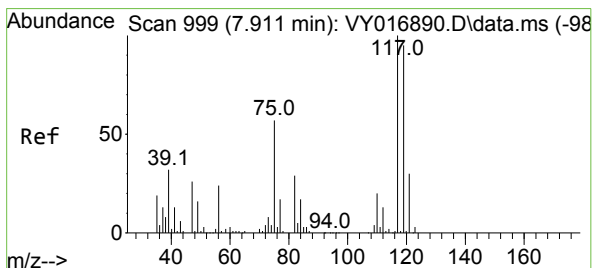
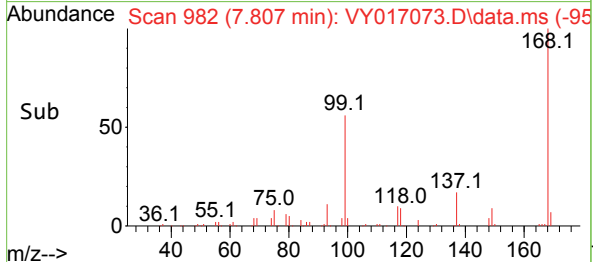
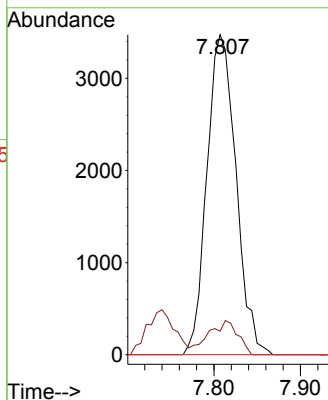
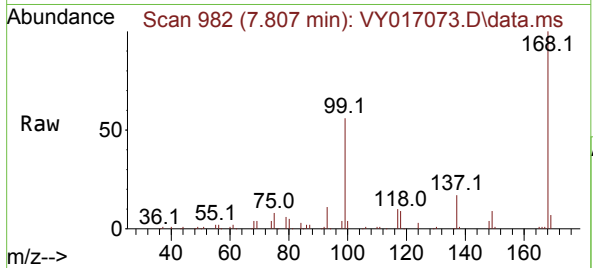




#36
 1,1-Dichloropropene
 Concen: 4.210 ug/l
 RT: 7.807 min Scan# 982
 Delta R.T. -0.122 min
 Lab File: VY017073.D
 Acq: 22 Jan 2024 14:19

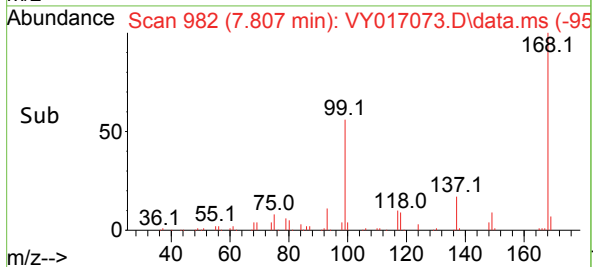
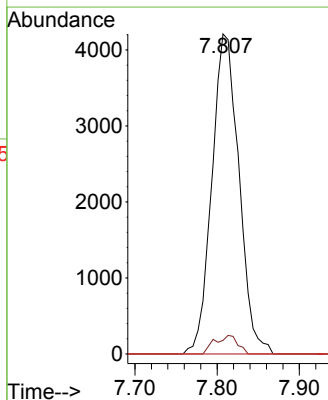
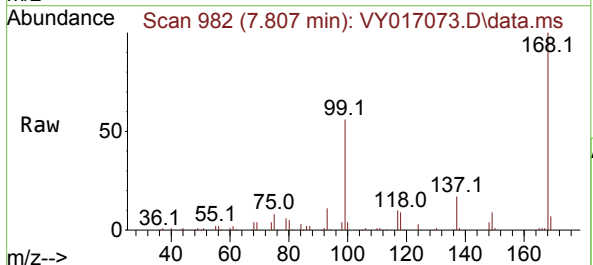
Instrument :
 MSVOA_Y
 ClientSampleId :

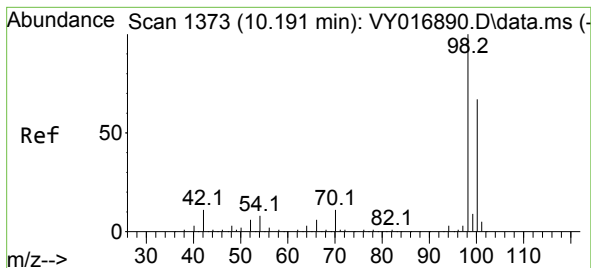
Tgt Ion: 75 Resp: 8106
 Ion Ratio Lower Upper
 75 100
 110 10.4 17.4 52.3#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 4.930 ug/l
 RT: 7.807 min Scan# 982
 Delta R.T. -0.110 min
 Lab File: VY017073.D
 Acq: 22 Jan 2024 14:19

Tgt Ion: 117 Resp: 9645
 Ion Ratio Lower Upper
 117 100
 119 4.3 76.0 114.0#
 121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 40.718 ug/l

RT: 10.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017073.D

Acq: 22 Jan 2024 14:19

Instrument :

MSVOA_Y

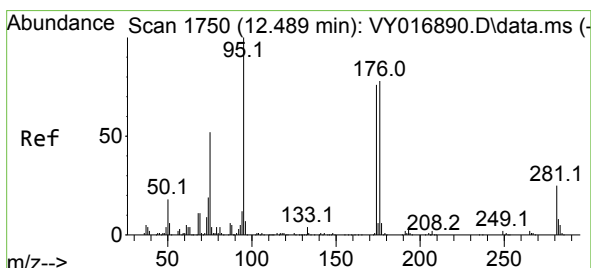
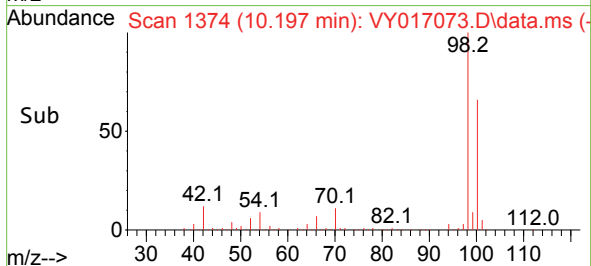
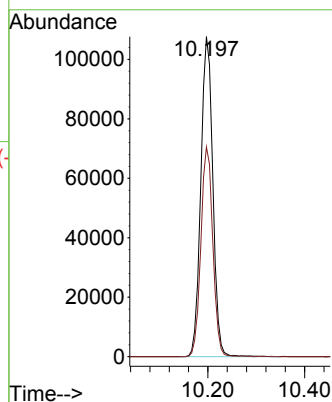
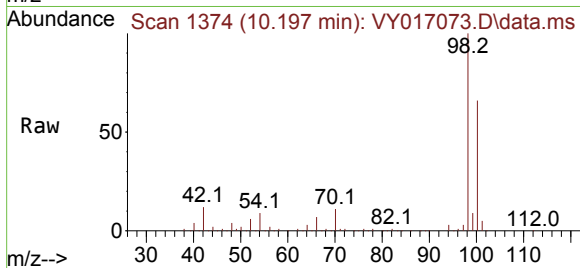
ClientSampleId :

Tgt Ion: 98 Resp: 185257

Ion Ratio Lower Upper

98 100

100 65.2 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 37.132 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY017073.D

Acq: 22 Jan 2024 14:19

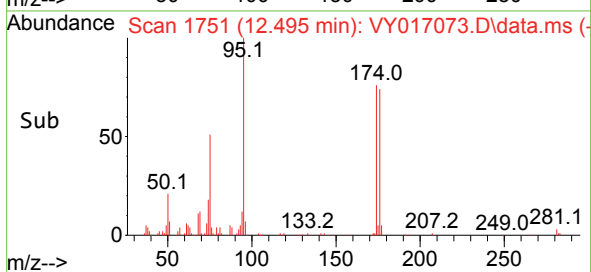
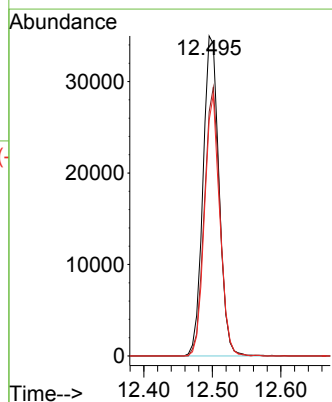
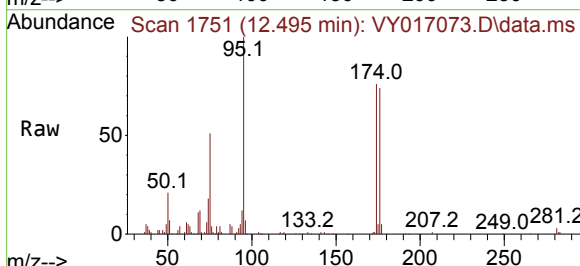
Tgt Ion: 95 Resp: 56999

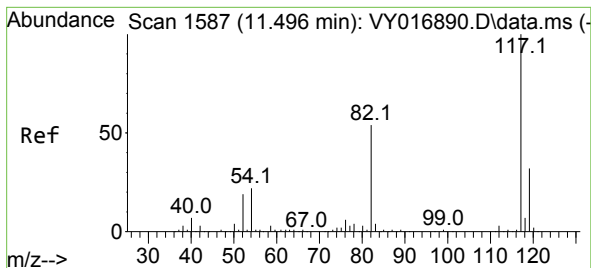
Ion Ratio Lower Upper

95 100

174 81.9 0.0 160.0

176 77.5 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: VY017073.D

Acq: 22 Jan 2024 14:19

Instrument :

MSVOA_Y

ClientSampleId :

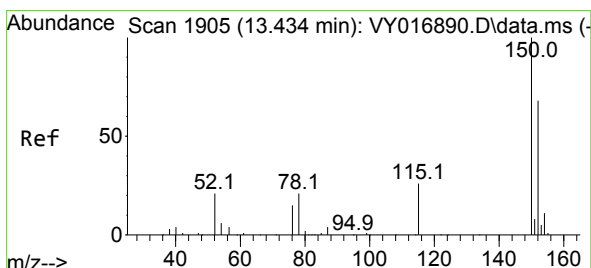
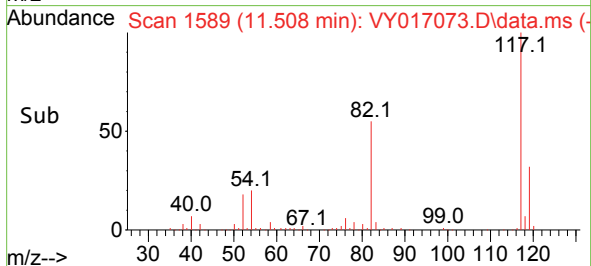
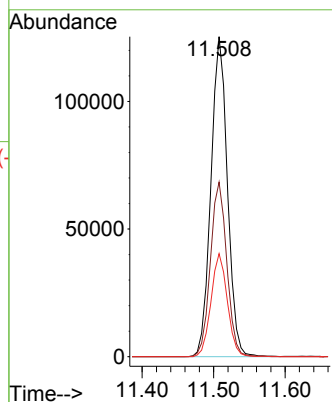
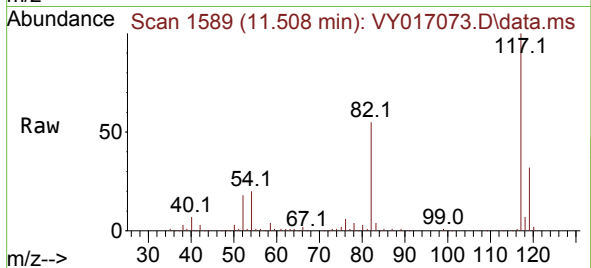
Tgt Ion:117 Resp: 201084

Ion Ratio Lower Upper

117 100

82 54.6 43.8 65.8

119 32.2 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: VY017073.D

Acq: 22 Jan 2024 14:19

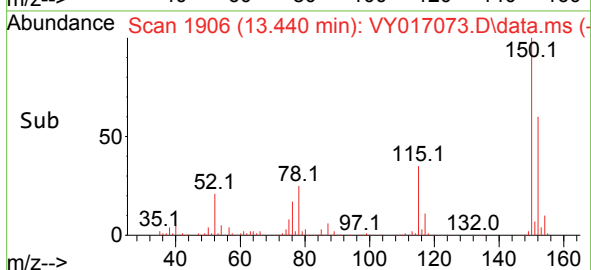
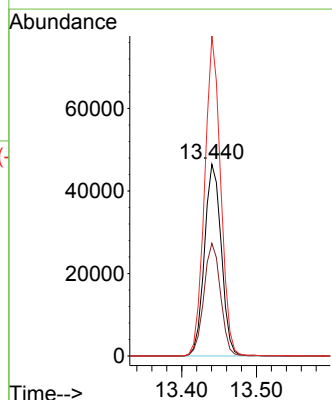
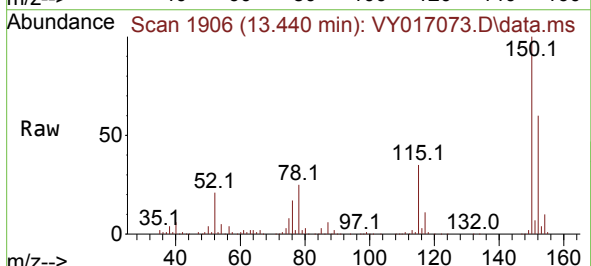
Tgt Ion:152 Resp: 72758

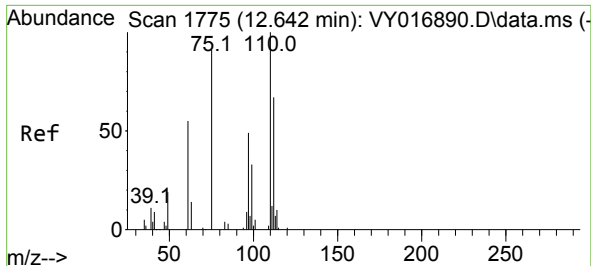
Ion Ratio Lower Upper

152 100

115 58.2 30.0 90.0

150 158.5 0.0 344.6

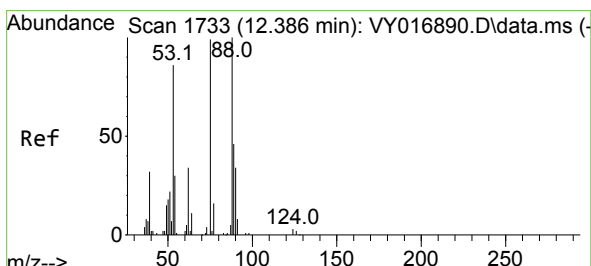
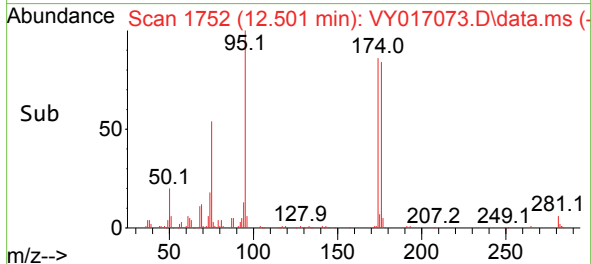
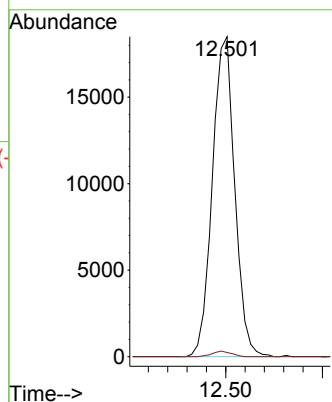
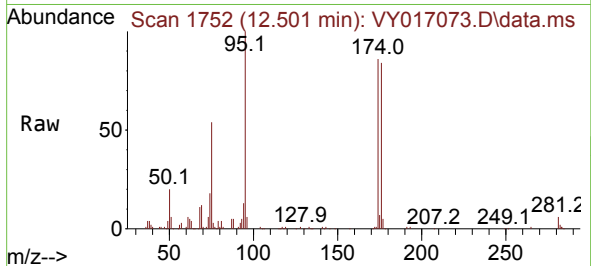




#76
1,2,3-Trichloropropane
Concen: 37.583 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. -0.141 min
Lab File: VY017073.D
Acq: 22 Jan 2024 14:19

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 29674
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.342 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.116 min
Lab File: VY017073.D
Acq: 22 Jan 2024 14:19

Tgt Ion: 75 Resp: 29674
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#

