

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011724\
 Data File : VY017017.D
 Acq On : 17 Jan 2024 17:42
 Operator : SY/MD
 Sample : P1147-03RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 18 00:45:37 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)

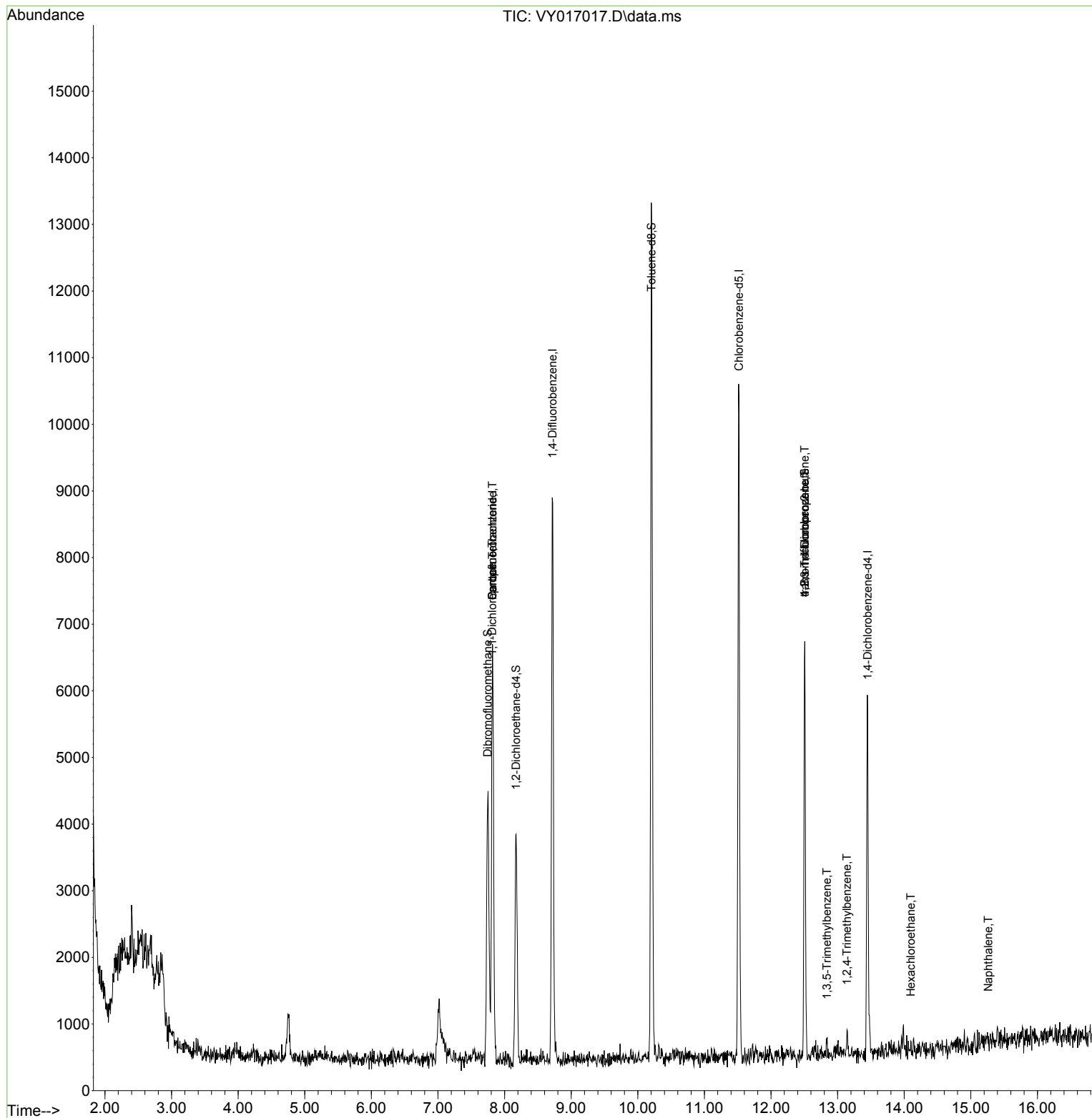
Internal Standards						
1) Pentafluorobenzene	7.819	168	5136	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	7902	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.520	117	6238	50.000	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.453	152	1558	50.000	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	2937	57.858	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.720%	
35) Dibromofluoromethane	7.746	113	3326	66.052	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 132.100%	
50) Toluene-d8	10.203	98	8989	51.841	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.680%	
62) 4-Bromofluorobenzene	12.508	95	2159	36.905	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	= 73.800%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	19	Below Cal	#	75
16) Acetone	3.966	43	159	Below Cal	#	41
20) Methylene Chloride	4.735	84	340	Below Cal	#	54
36) 1,1-Dichloropropene	7.813	75	420	5.723	ug/l #	42
38) Carbon Tetrachloride	7.819	117	560	7.511	ug/l #	12
76) 1,2,3-Trichloropropane	12.508	75	1010	59.738	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.837	105	131	1.302	ug/l #	53
81) trans-1,4-Dichloro-2-b...	12.508	75	1010	135.650	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.142	105	278	2.805	ug/l	81
90) Hexachloroethane	14.099	117	55	2.362	ug/l #	17
95) Naphthalene	15.263	128	82	2.637	ug/l #	69

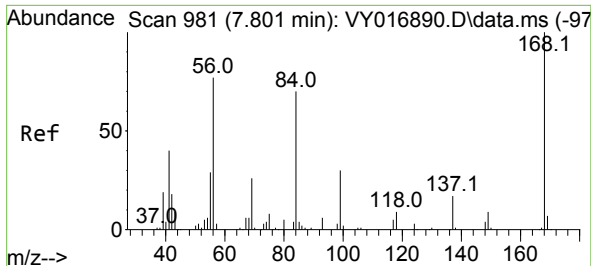
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 18 00:45:37 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

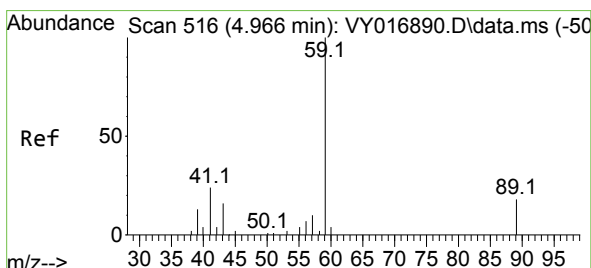
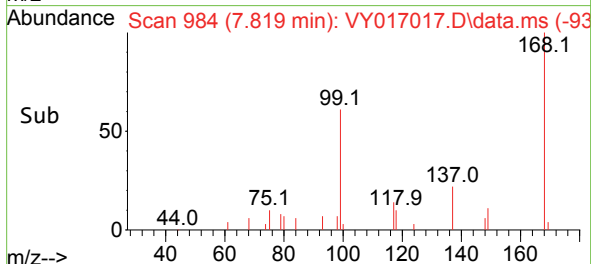
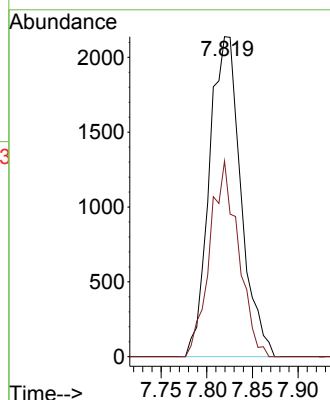
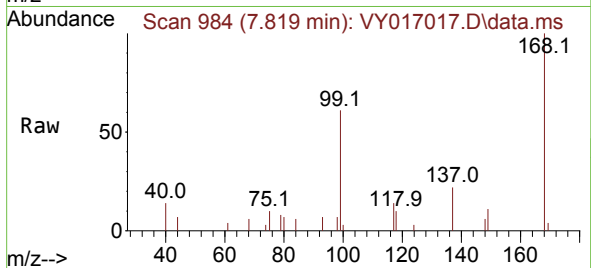




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 981
Delta R.T. 0.018 min
Lab File: VY017017.D
Acq: 17 Jan 2024 17:42

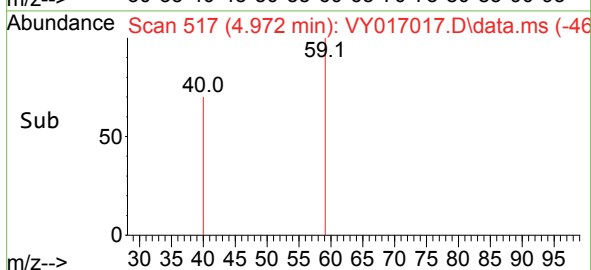
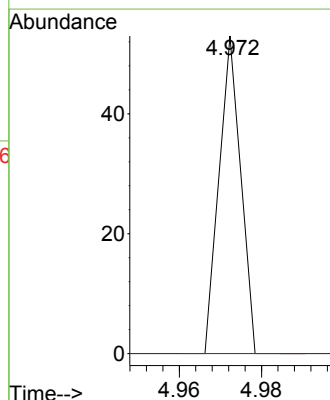
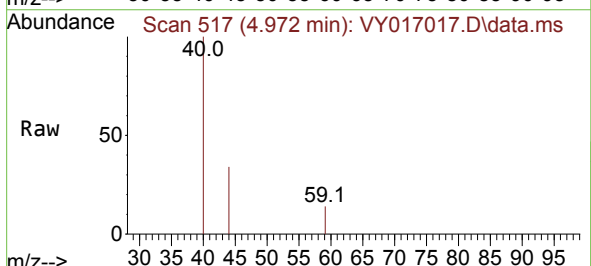
Instrument :
MSVOA_Y
ClientSampleId :

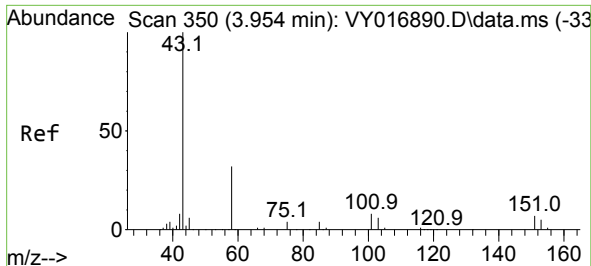
Tgt Ion:168 Resp: 5136
Ion Ratio Lower Upper
168 100
99 61.1 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY017017.D
Acq: 17 Jan 2024 17:42

Tgt Ion: 59 Resp: 19
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

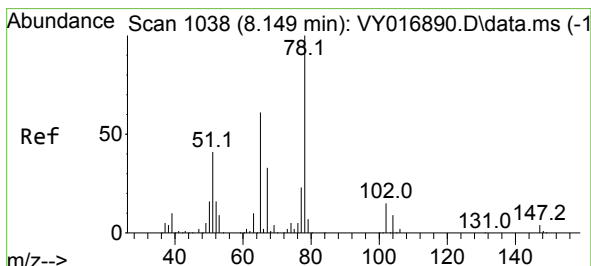
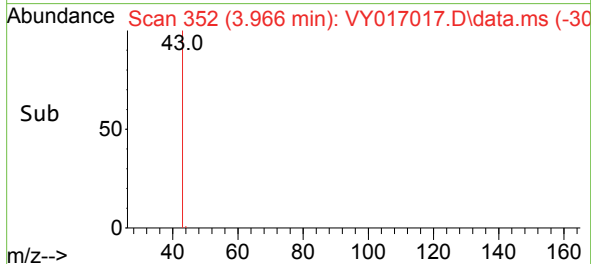
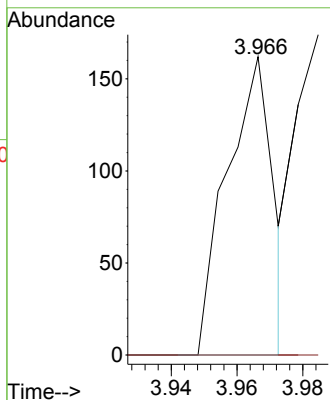
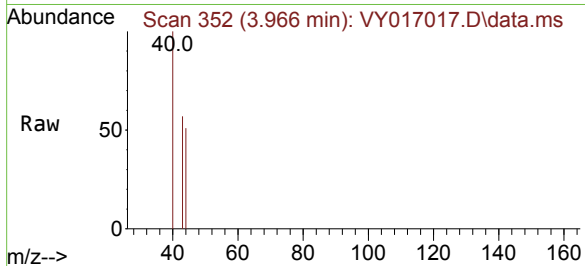




#16
Acetone
Concen: Below Cal
RT: 3.966 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY017017.D
Acq: 17 Jan 2024 17:42

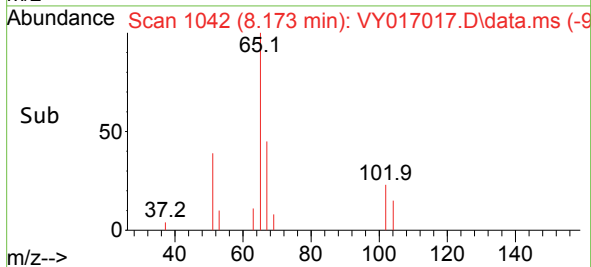
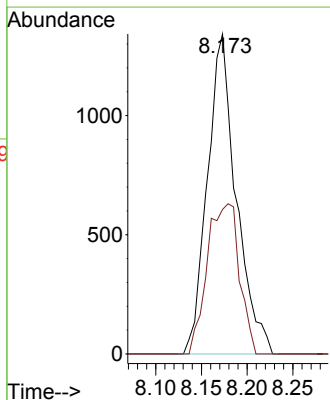
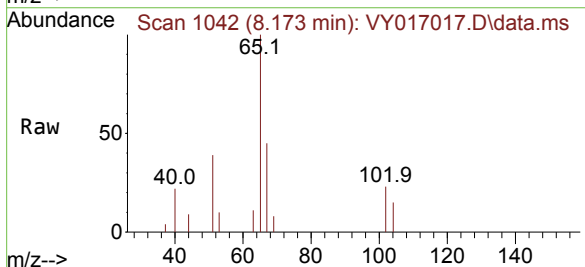
Instrument :
MSVOA_Y
ClientSampleId :

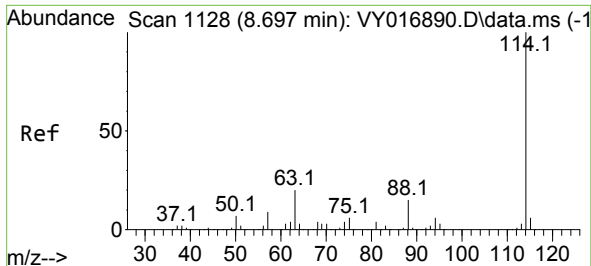
Tgt Ion: 43 Resp: 159
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#



#33
1,2-Dichloroethane-d4
Concen: 57.858 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.018 min
Lab File: VY017017.D
Acq: 17 Jan 2024 17:42

Tgt Ion: 65 Resp: 2937
Ion Ratio Lower Upper
65 100
67 52.3 0.0 109.0

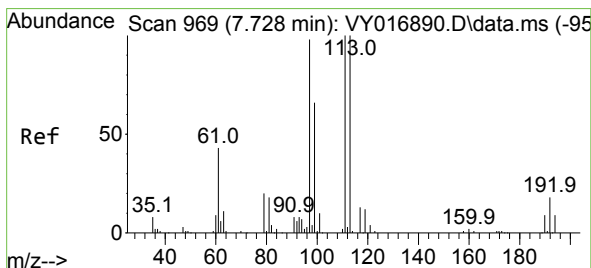
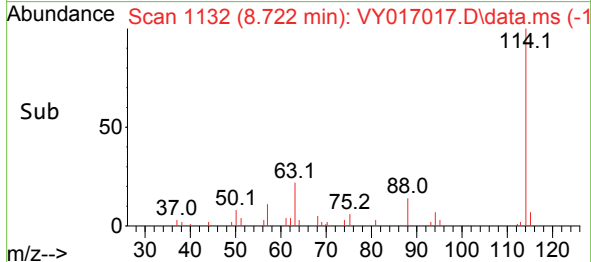
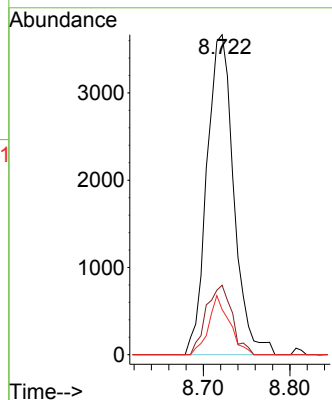
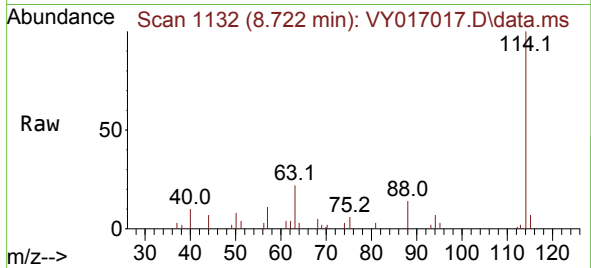




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.722 min Scan# 1128
 Delta R.T. 0.019 min
 Lab File: VY017017.D
 Acq: 17 Jan 2024 17:42

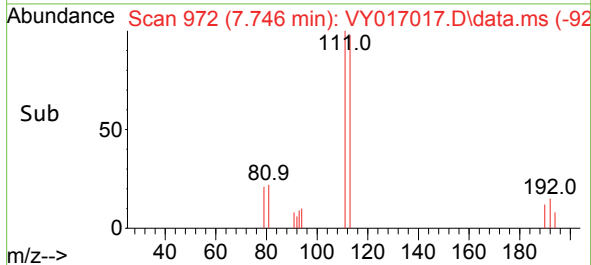
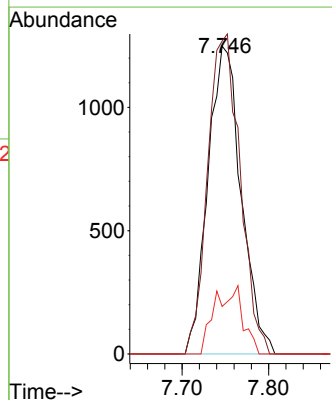
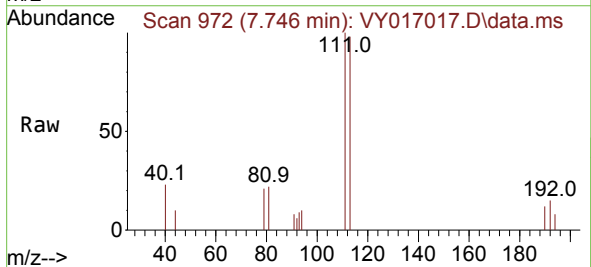
Instrument :
 MSVOA_Y
 ClientSampleId :

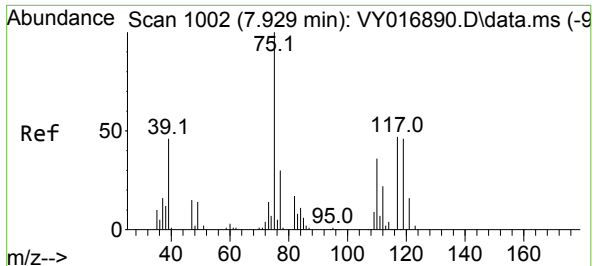
Tgt Ion:114 Resp: 7902
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 37.4
 88 14.1 0.0 29.0



#35
 Dibromofluoromethane
 Concen: 66.052 ug/l
 RT: 7.746 min Scan# 972
 Delta R.T. 0.018 min
 Lab File: VY017017.D
 Acq: 17 Jan 2024 17:42

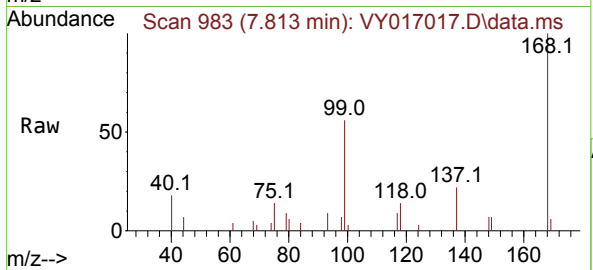
Tgt Ion:113 Resp: 3326
 Ion Ratio Lower Upper
 113 100
 111 101.4 83.8 125.6
 192 18.5 14.5 21.7



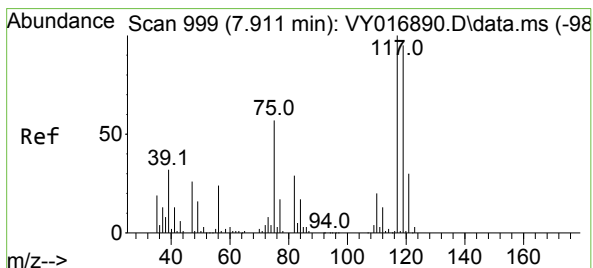
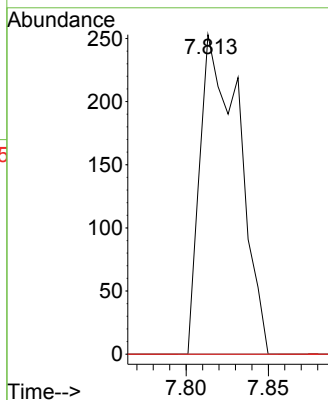
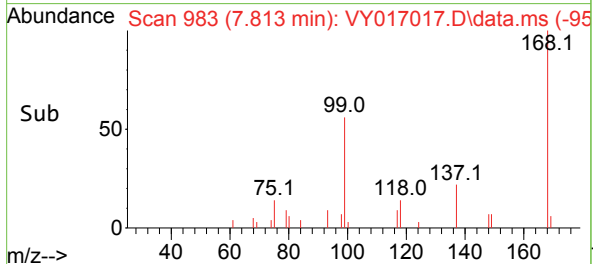


#36
1,1-Dichloropropene
Concen: 5.723 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017017.D
Acq: 17 Jan 2024 17:42

Instrument :
MSVOA_Y
ClientSampleId :

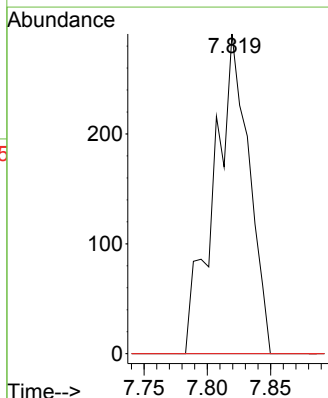
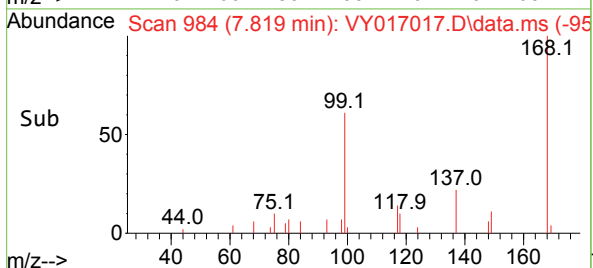
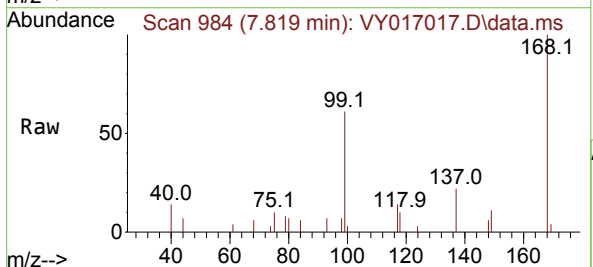


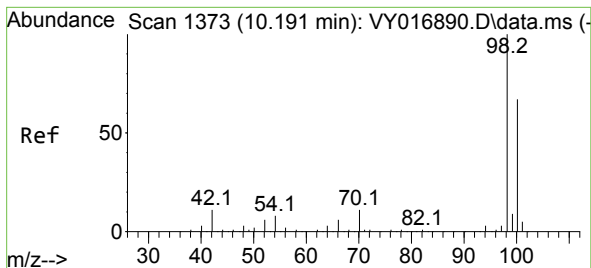
Tgt Ion: 75 Resp: 420
Ion Ratio Lower Upper
75 100
110 0.0 17.4 52.3#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 7.511 ug/l
RT: 7.819 min Scan# 984
Delta R.T. -0.098 min
Lab File: VY017017.D
Acq: 17 Jan 2024 17:42

Tgt Ion: 117 Resp: 560
Ion Ratio Lower Upper
117 100
119 0.0 76.0 114.0#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 51.841 ug/l

RT: 10.203 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017017.D

Acq: 17 Jan 2024 17:42

Instrument :

MSVOA_Y

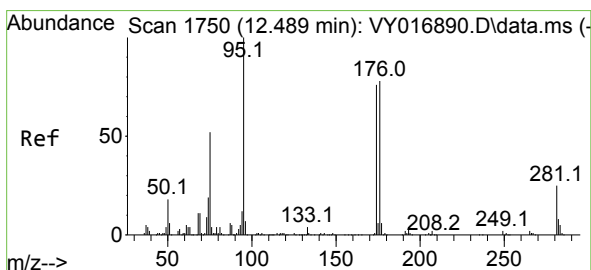
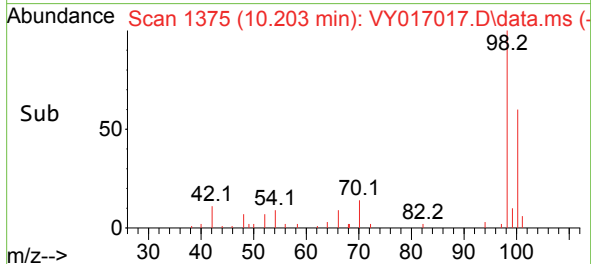
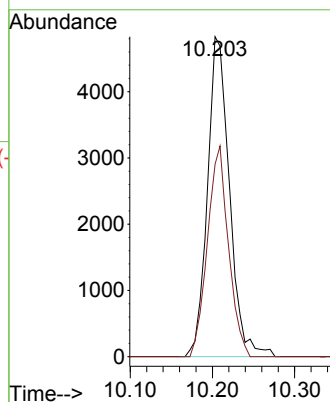
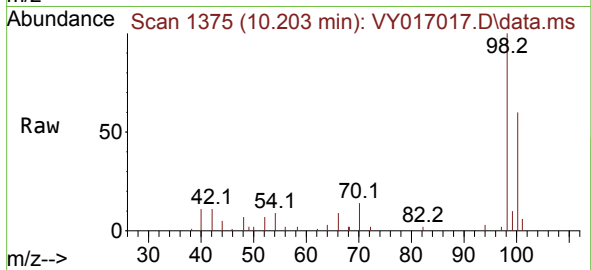
ClientSampleId :

Tgt Ion: 98 Resp: 8989

Ion Ratio Lower Upper

98 100

100 62.8 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 36.905 ug/l

RT: 12.508 min Scan# 1753

Delta R.T. 0.019 min

Lab File: VY017017.D

Acq: 17 Jan 2024 17:42

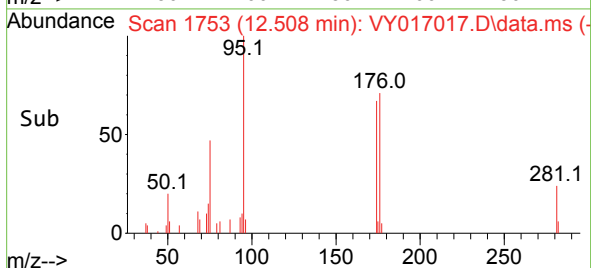
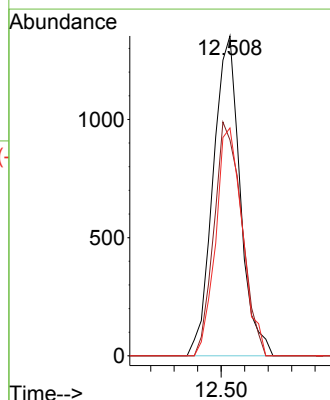
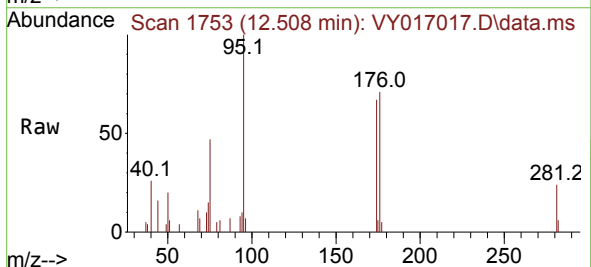
Tgt Ion: 95 Resp: 2159

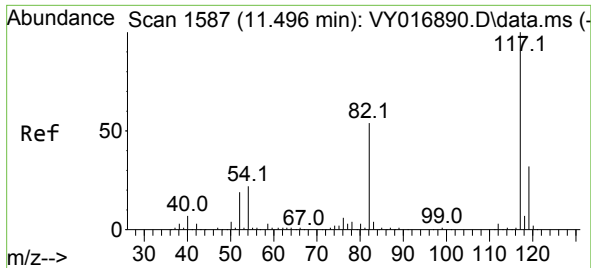
Ion Ratio Lower Upper

95 100

174 75.1 0.0 160.0

176 70.7 0.0 151.8

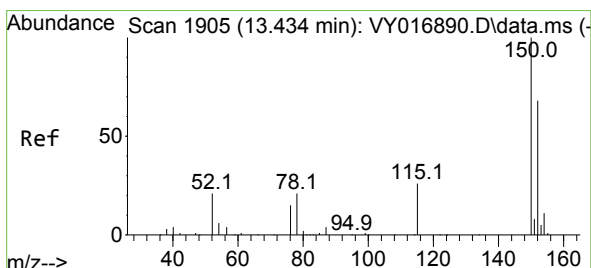
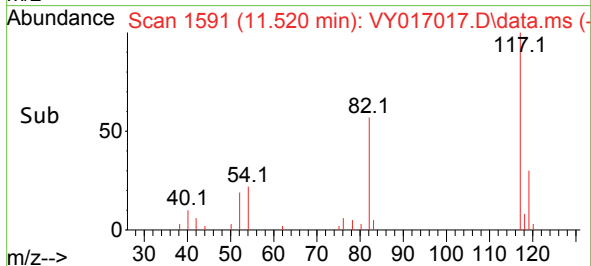
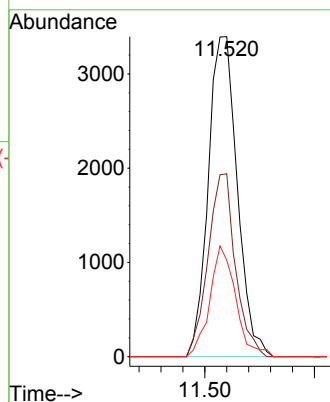
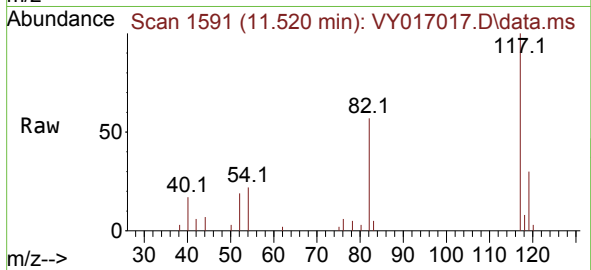




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017017.D
Acq: 17 Jan 2024 17:42

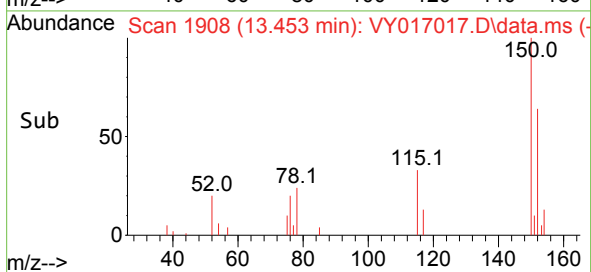
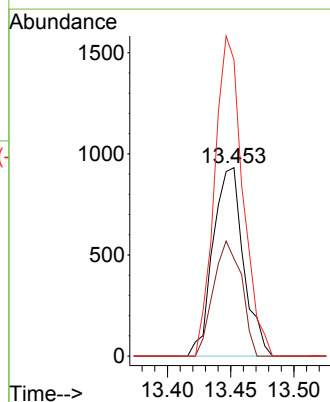
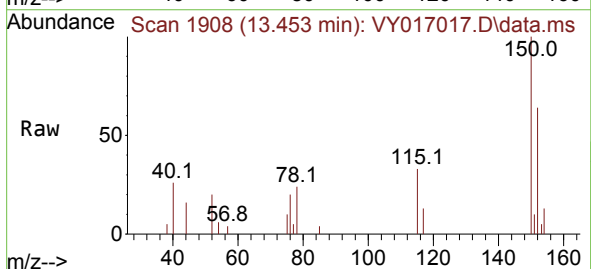
Instrument :
MSVOA_Y
ClientSampleId :

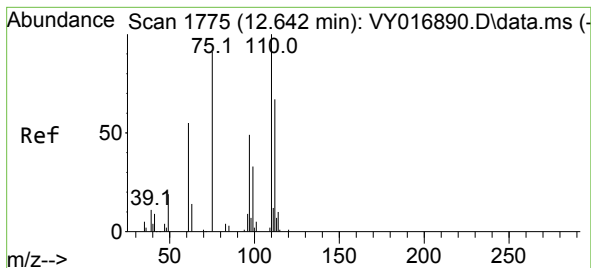
Tgt Ion:117 Resp: 6238
Ion Ratio Lower Upper
117 100
82 57.2 43.8 65.8
119 30.1 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.019 min
Lab File: VY017017.D
Acq: 17 Jan 2024 17:42

Tgt Ion:152 Resp: 1558
Ion Ratio Lower Upper
152 100
115 56.3 30.0 90.0
150 157.2 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 59.738 ug/l

RT: 12.508 min Scan# 1753

Delta R.T. -0.134 min

Lab File: VY017017.D

Acq: 17 Jan 2024 17:42

Instrument :

MSVOA_Y

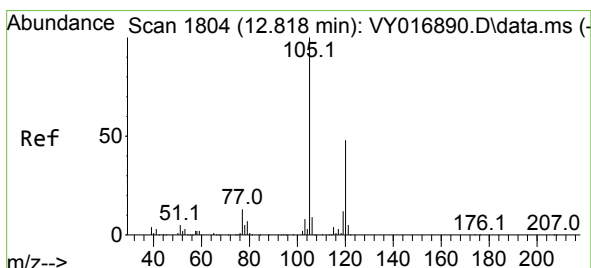
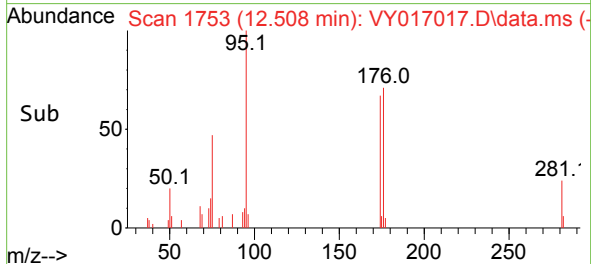
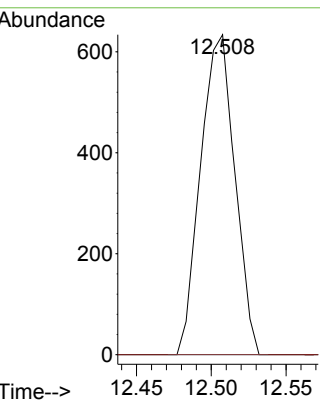
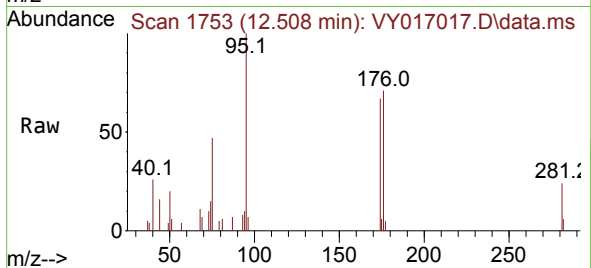
ClientSampleId :

Tgt Ion: 75 Resp: 1010

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#80

1,3,5-Trimethylbenzene

Concen: 1.302 ug/l

RT: 12.837 min Scan# 1807

Delta R.T. 0.019 min

Lab File: VY017017.D

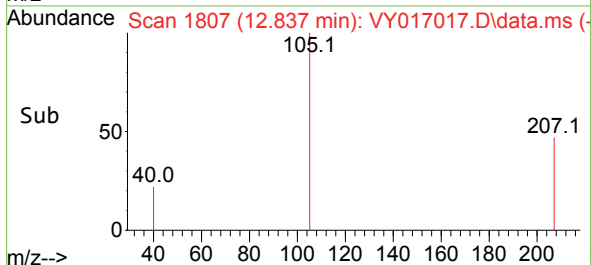
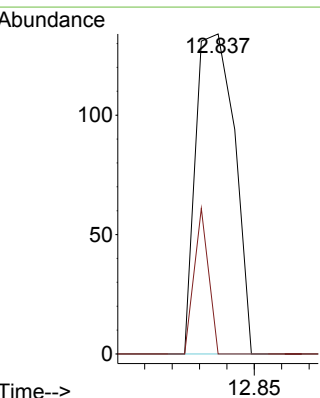
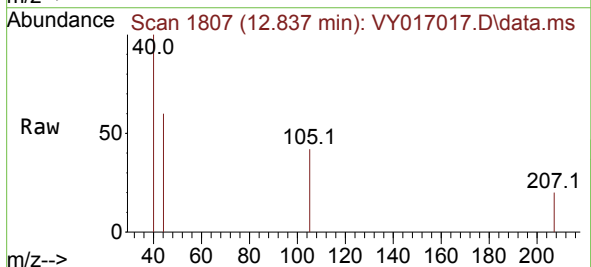
Acq: 17 Jan 2024 17:42

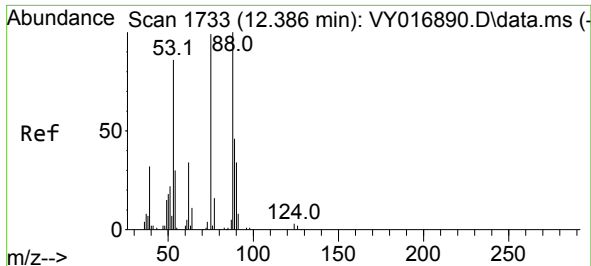
Tgt Ion: 105 Resp: 131

Ion Ratio Lower Upper

105 100

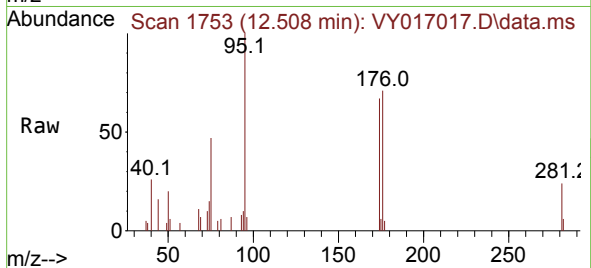
120 16.8 24.3 72.8#



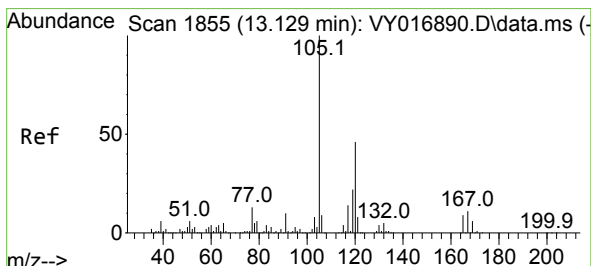
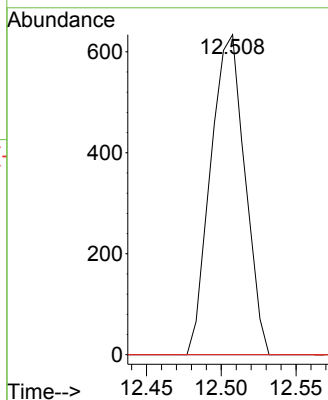
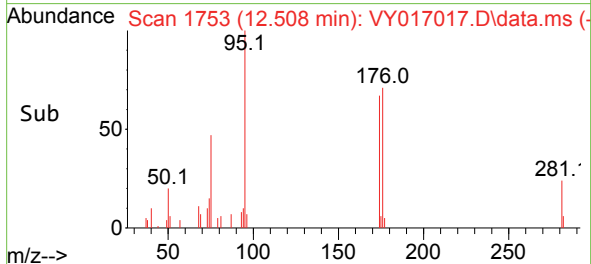


#81
trans-1,4-Dichloro-2-butene
Concen: 135.650 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. 0.123 min
Lab File: VY017017.D
Acq: 17 Jan 2024 17:42

Instrument :
MSVOA_Y
ClientSampleId :

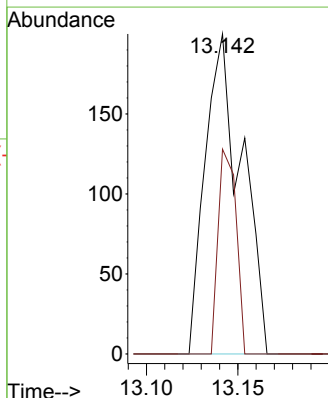
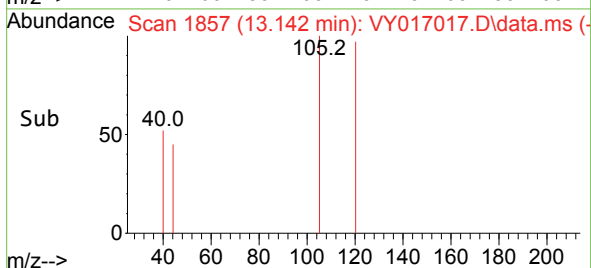
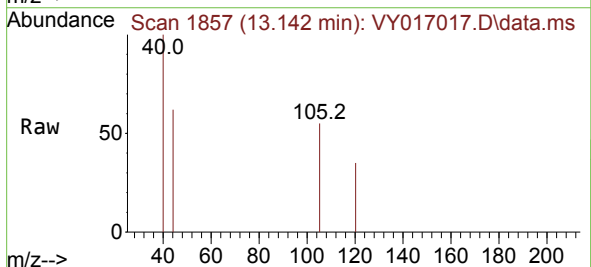


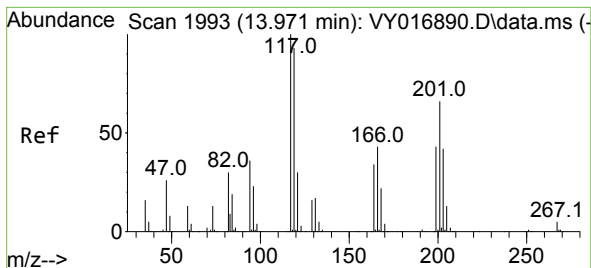
Tgt Ion: 75 Resp: 1010
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#



#84
1,2,4-Trimethylbenzene
Concen: 2.805 ug/l
RT: 13.142 min Scan# 1857
Delta R.T. 0.013 min
Lab File: VY017017.D
Acq: 17 Jan 2024 17:42

Tgt Ion: 105 Resp: 278
Ion Ratio Lower Upper
105 100
120 31.7 22.1 66.3





#90

Hexachloroethane

Concen: 2.362 ug/l

RT: 14.099 min Scan# 20

Delta R.T. 0.128 min

Lab File: VY017017.D

Acq: 17 Jan 2024 17:42

Instrument :

MSVOA_Y

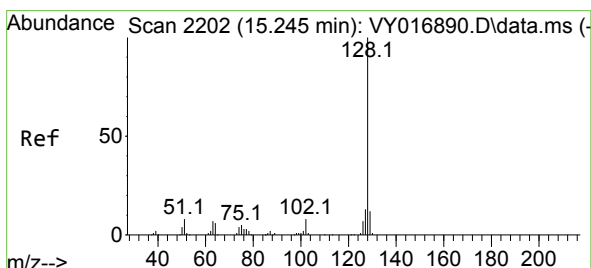
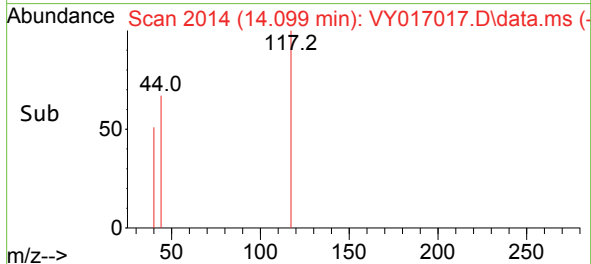
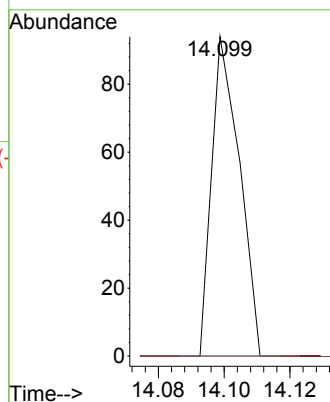
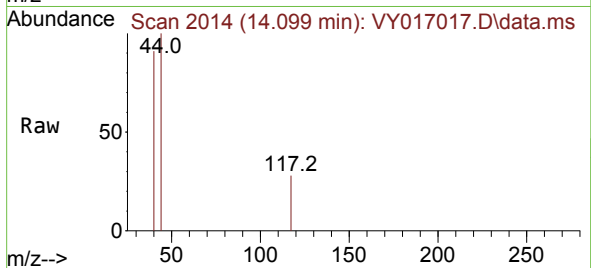
ClientSampleId :

Tgt Ion:117 Resp: 55

Ion Ratio Lower Upper

117 100

201 0.0 33.4 100.1#



#95

Naphthalene

Concen: 2.637 ug/l

RT: 15.263 min Scan# 2205

Delta R.T. 0.018 min

Lab File: VY017017.D

Acq: 17 Jan 2024 17:42

Tgt Ion:128 Resp: 82

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.4#

129 0.0 8.6 12.8#

