

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050324\
 Data File : VY018139.D
 Acq On : 03 May 2024 13:46
 Operator : SY/MD
 Sample : P2332-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 06 02:57:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

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

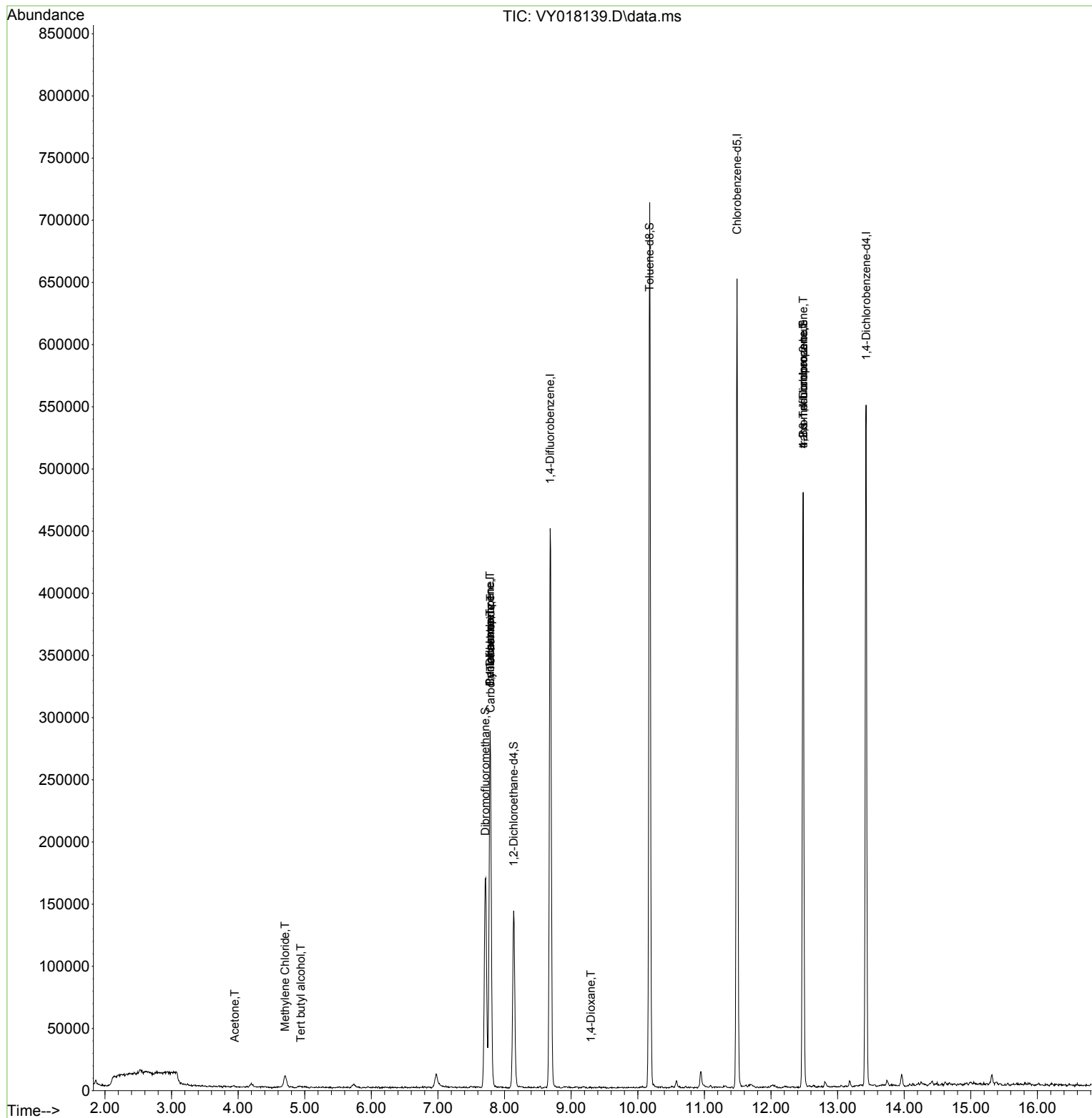
Internal Standards						
1) Pentafluorobenzene	7.783	168	236470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	422451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	372628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	102159	54.808	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.620%	
35) Dibromofluoromethane	7.710	113	123922	51.045	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.080%	
50) Toluene-d8	10.179	98	470199	49.612	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.220%	
62) 4-Bromofluorobenzene	12.483	95	148559	45.547	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 91.100%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	537	3.535	ug/l #	67
16) Acetone	3.948	43	700	1.971	ug/l #	74
20) Methylene Chloride	4.704	84	7339	2.949	ug/l	92
31) Cyclohexane	7.783	56	4547	1.273	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	16739	5.165	ug/l #	50
38) Carbon Tetrachloride	7.789	117	21908	5.956	ug/l #	15
49) 1,4-Dioxane	9.295	88	49	3.197	ug/l #	2
76) 1,2,3-Trichloropropane	12.483	75	72086	57.057	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	72086	103.944	ug/l #	16

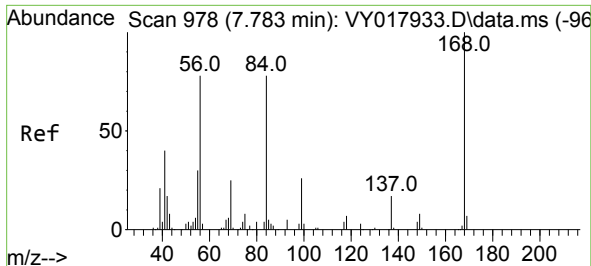
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 06 02:57:03 2024
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Quant Title : SW846 8260
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Response via : Initial Calibration

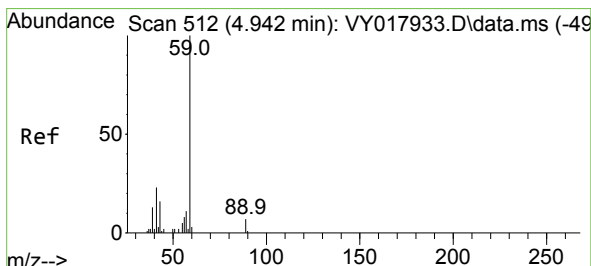
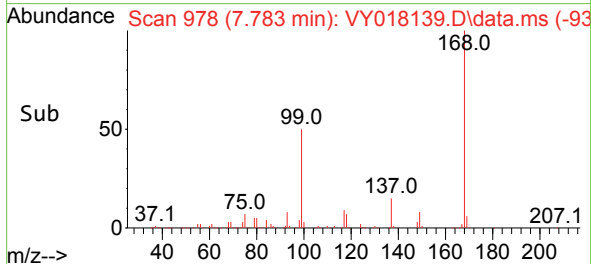
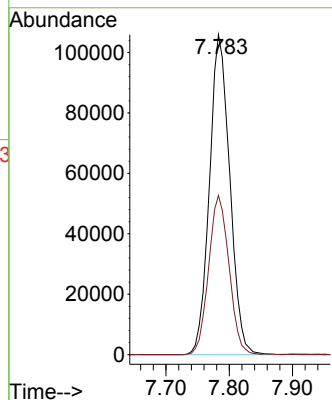
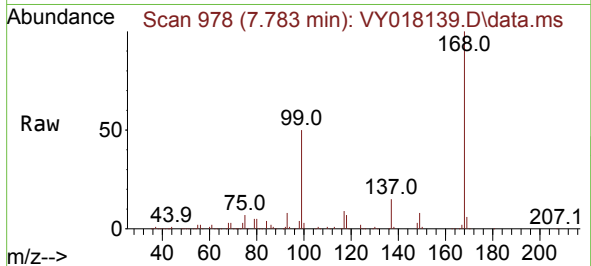




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018139.D
Acq: 03 May 2024 13:46

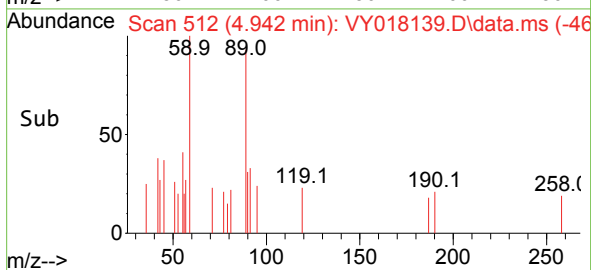
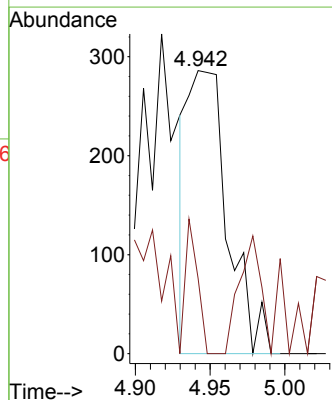
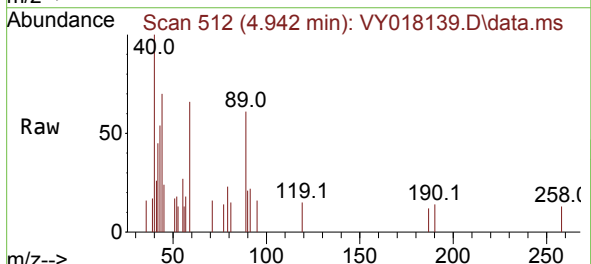
Instrument :
MSVOA_Y
ClientSampleId :

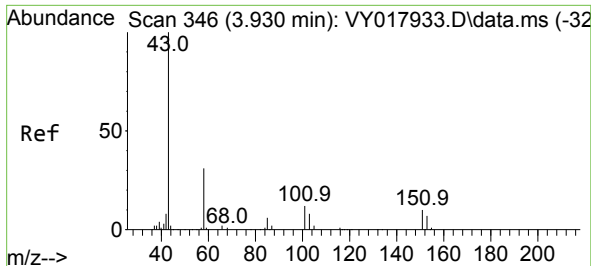
Tgt Ion:168 Resp: 236470
Ion Ratio Lower Upper
168 100
99 49.7 39.1 58.7



#11
Tert butyl alcohol
Concen: 3.535 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY018139.D
Acq: 03 May 2024 13:46

Tgt Ion: 59 Resp: 537
Ion Ratio Lower Upper
59 100
57 14.5 3.0 4.6#





#16

Acetone

Concen: 1.971 ug/l

RT: 3.948 min Scan# 346

Delta R.T. 0.000 min

Lab File: VY018139.D

Acq: 03 May 2024 13:46

Instrument :

MSVOA_Y

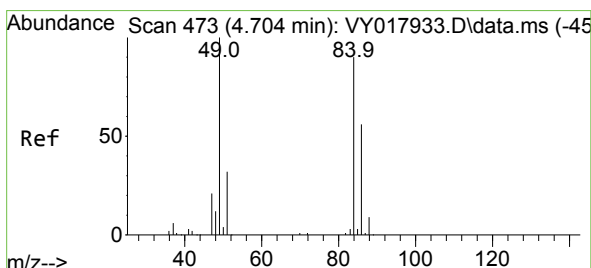
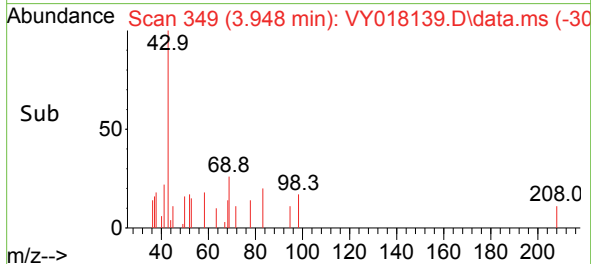
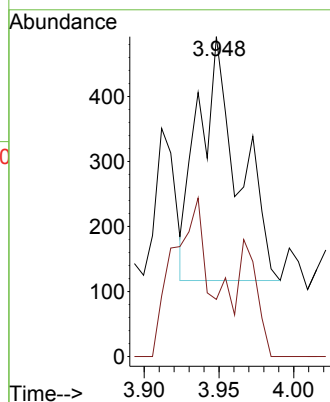
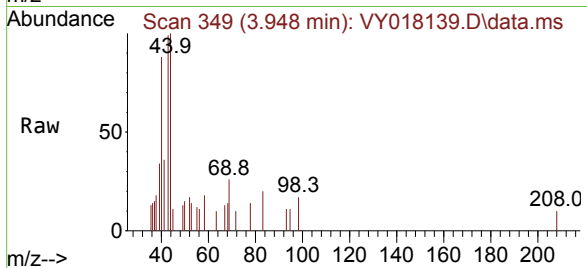
ClientSampleId :

Tgt Ion: 43 Resp: 700

Ion Ratio Lower Upper

43 100

58 23.5 31.7 47.5#



#20

Methylene Chloride

Concen: 2.949 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.012 min

Lab File: VY018139.D

Acq: 03 May 2024 13:46

Tgt Ion: 84 Resp: 7339

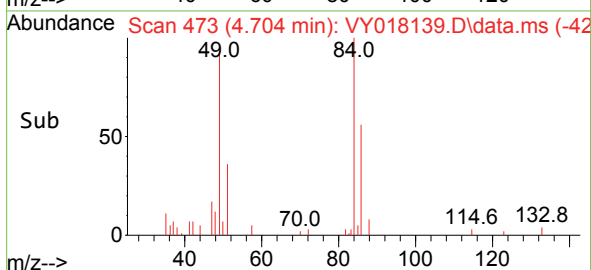
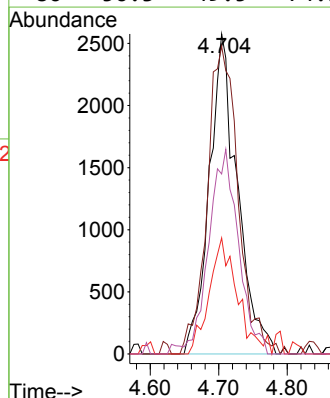
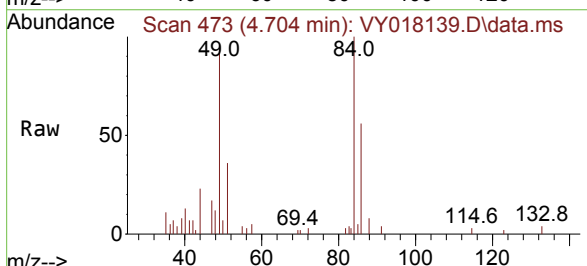
Ion Ratio Lower Upper

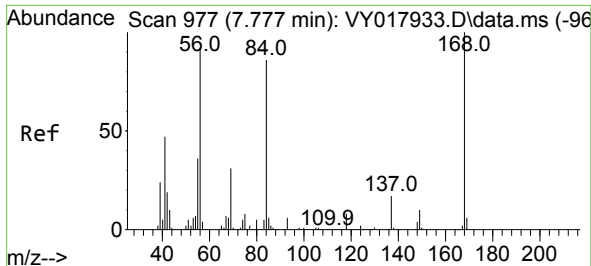
84 100

49 96.2 84.4 126.6

51 36.3 26.0 39.0

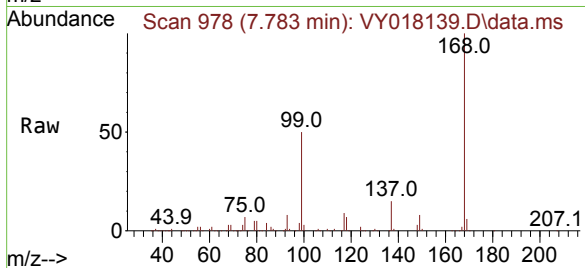
86 56.3 49.5 74.3



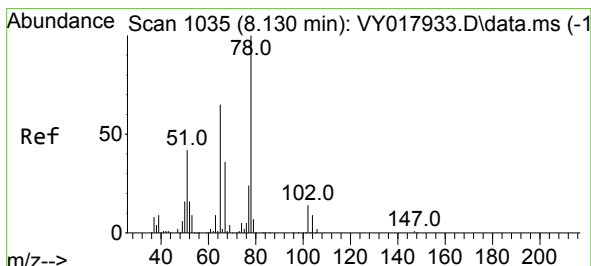
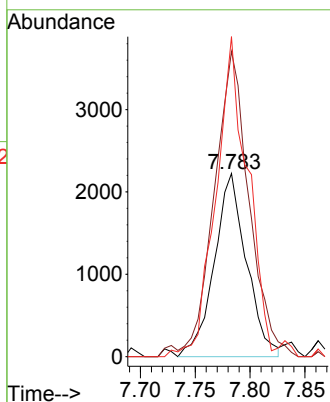
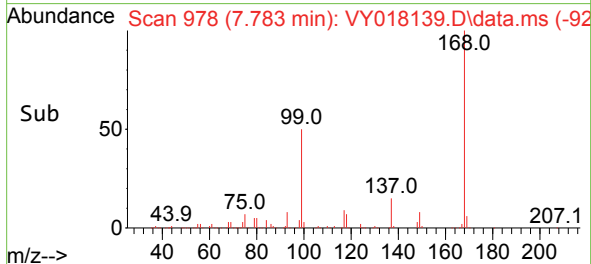


#31
Cyclohexane
Concen: 1.273 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018139.D
Acq: 03 May 2024 13:46

Instrument :
MSVOA_Y
ClientSampleId :

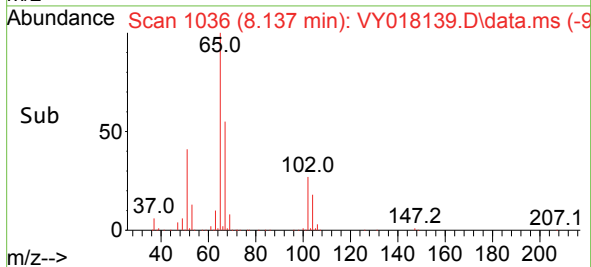
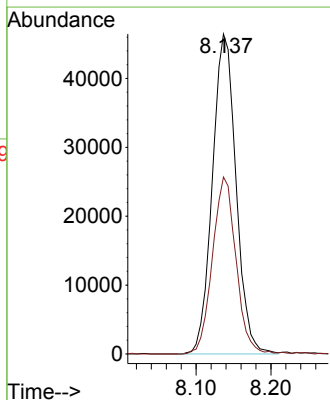
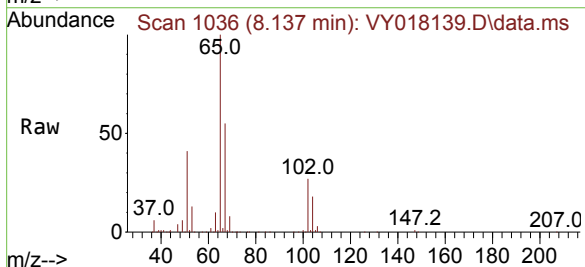


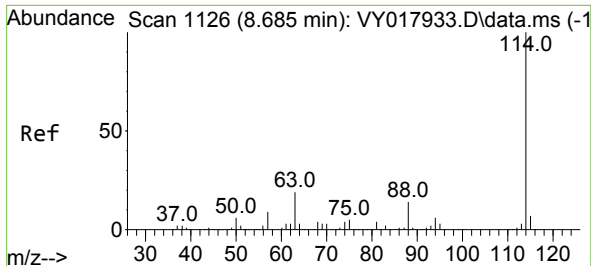
Tgt Ion: 56 Resp: 4547
Ion Ratio Lower Upper
56 100
69 163.1 28.7 43.1#
84 172.0 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 54.808 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY018139.D
Acq: 03 May 2024 13:46

Tgt Ion: 65 Resp: 102159
Ion Ratio Lower Upper
65 100
67 54.9 0.0 109.6

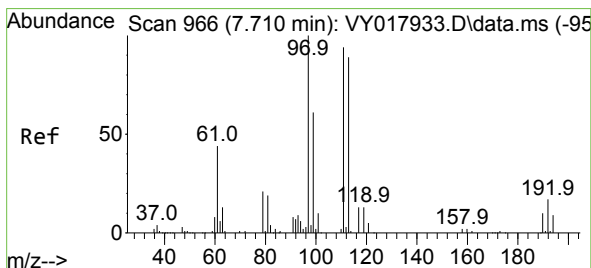
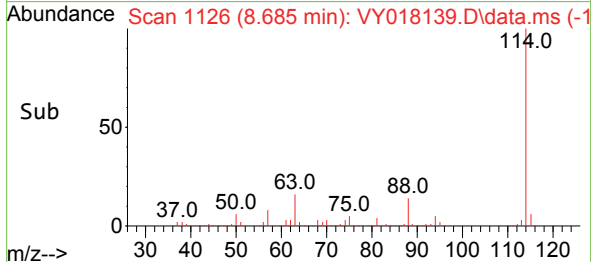
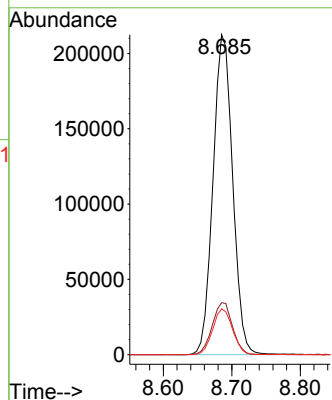
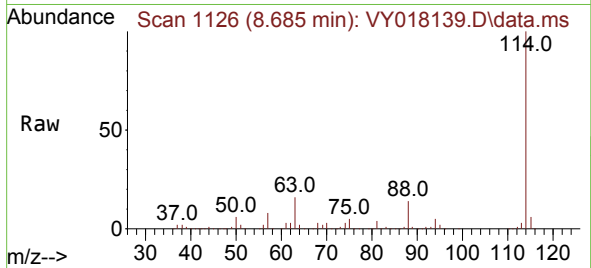




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY018139.D
Acq: 03 May 2024 13:46

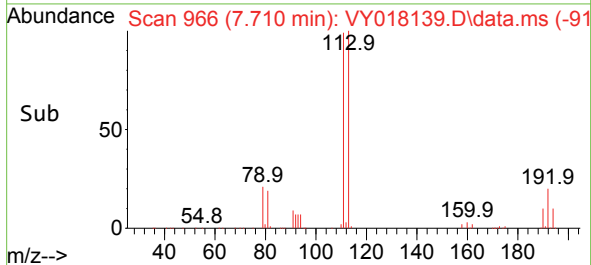
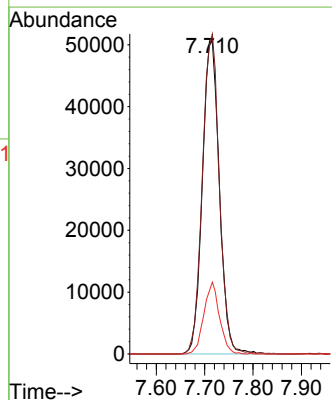
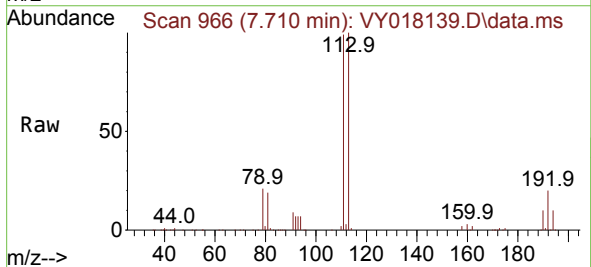
Instrument :
MSVOA_Y
ClientSampleId :

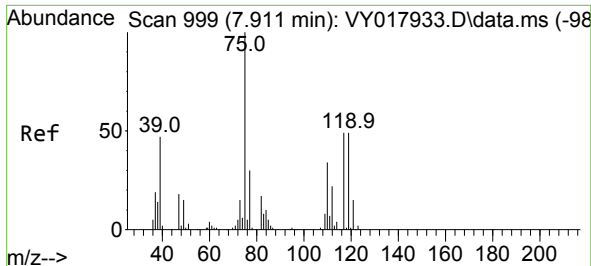
Tgt Ion:114 Resp: 422451
Ion Ratio Lower Upper
114 100
63 16.3 0.0 35.0
88 14.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.045 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY018139.D
Acq: 03 May 2024 13:46

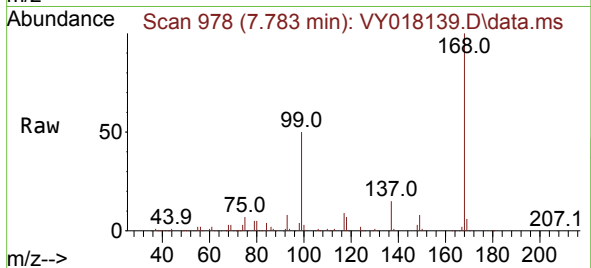
Tgt Ion:113 Resp: 123922
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 21.0 15.9 23.9



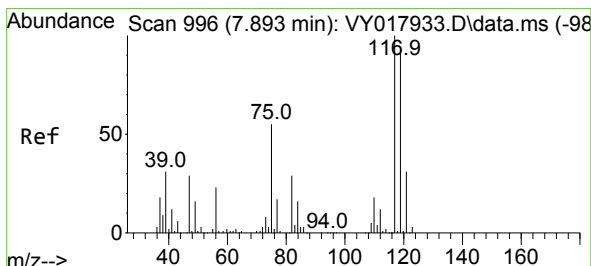
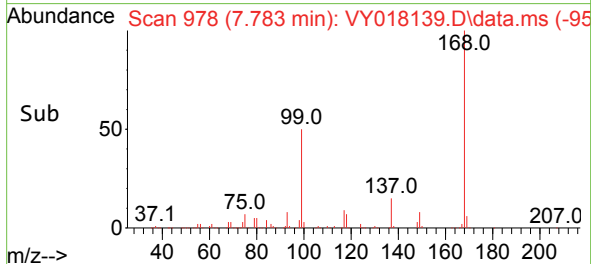
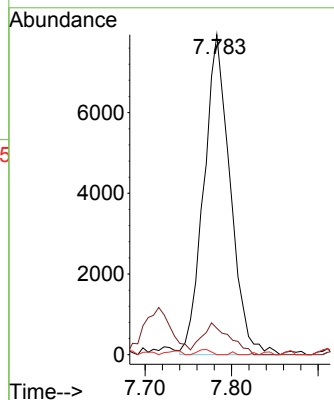


#36
1,1-Dichloropropene
Concen: 5.165 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY018139.D
Acq: 03 May 2024 13:46

Instrument :
MSVOA_Y
ClientSampleId :

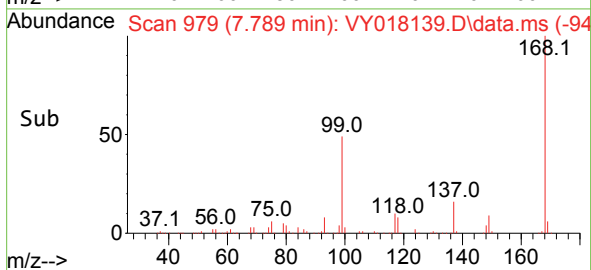
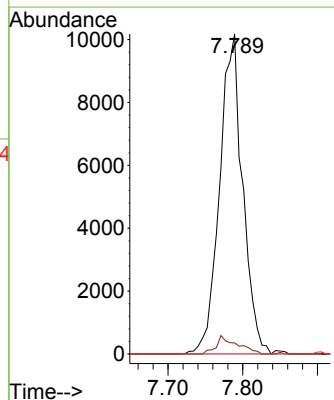
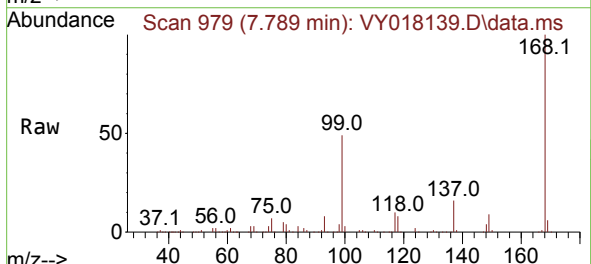


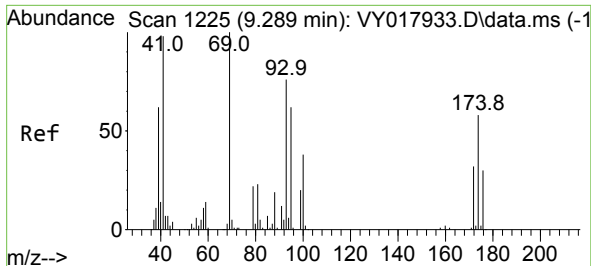
Tgt Ion: 75 Resp: 16739
Ion Ratio Lower Upper
75 100
110 10.4 19.0 57.0#
77 0.8 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.956 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY018139.D
Acq: 03 May 2024 13:46

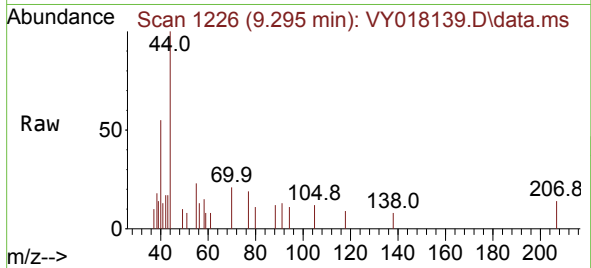
Tgt Ion: 117 Resp: 21908
Ion Ratio Lower Upper
117 100
119 3.5 75.8 113.6#
121 0.0 24.0 36.0#



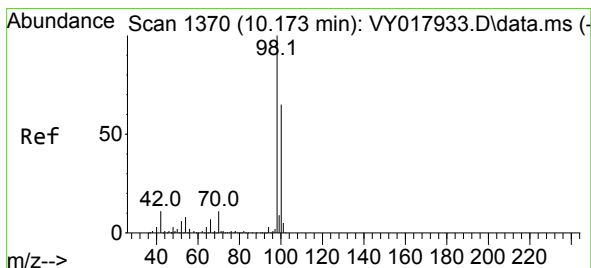
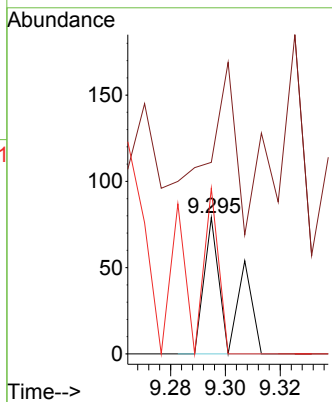
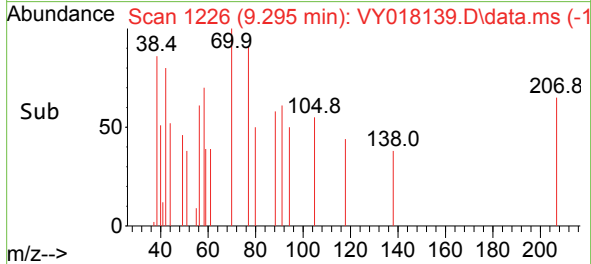


#49
1,4-Dioxane
Concen: 3.197 ug/l
RT: 9.295 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018139.D
Acq: 03 May 2024 13:46

Instrument :
MSVOA_Y
ClientSampleId :

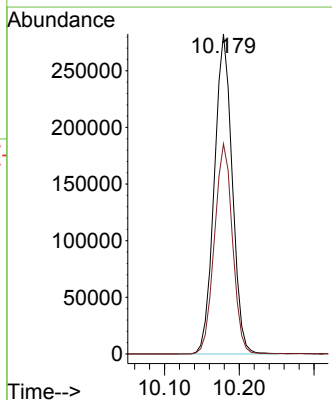
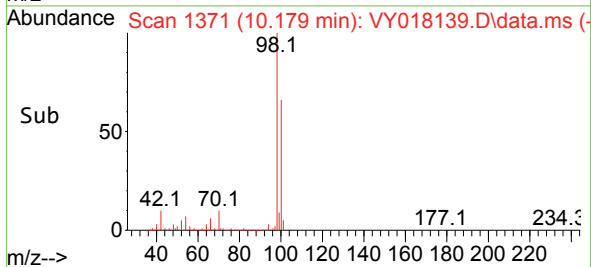
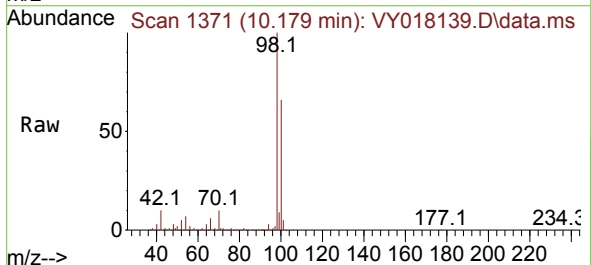


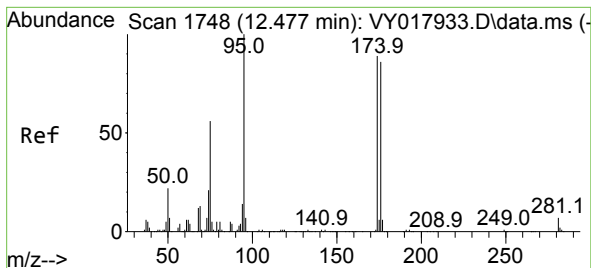
Tgt Ion: 88 Resp: 49
Ion Ratio Lower Upper
88 100
43 144.9 0.0 0.0#
58 136.7 49.3 73.9#



#50
Toluene-d8
Concen: 49.612 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY018139.D
Acq: 03 May 2024 13:46

Tgt Ion: 98 Resp: 470199
Ion Ratio Lower Upper
98 100
100 66.2 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 45.547 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018139.D

Acq: 03 May 2024 13:46

Instrument :

MSVOA_Y

ClientSampleId :

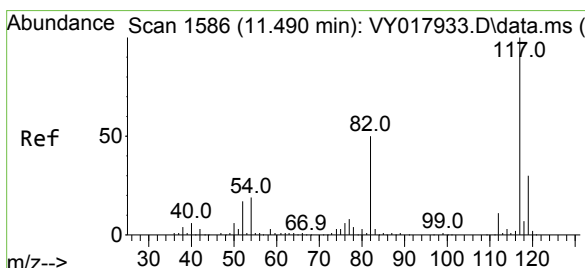
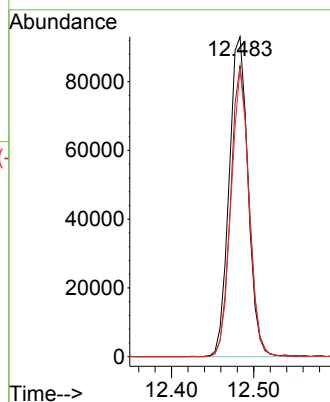
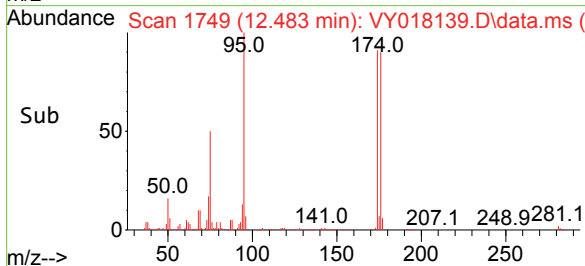
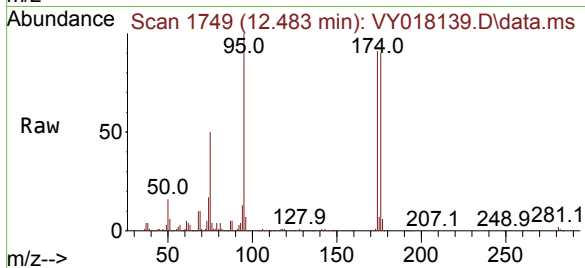
Tgt Ion: 95 Resp: 148559

Ion Ratio Lower Upper

95 100

174 88.7 0.0 175.6

176 85.5 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.001 min

Lab File: VY018139.D

Acq: 03 May 2024 13:46

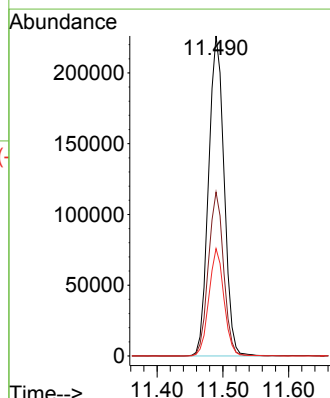
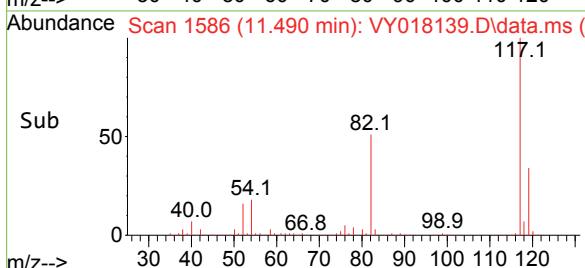
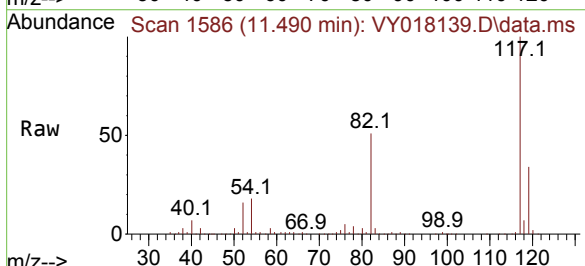
Tgt Ion: 117 Resp: 372628

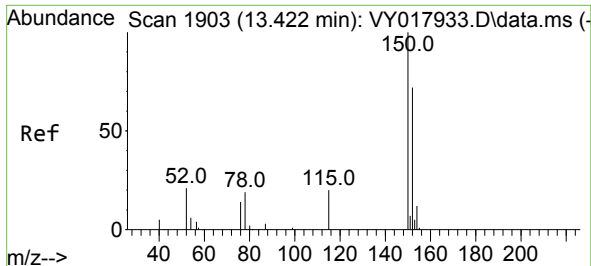
Ion Ratio Lower Upper

117 100

82 51.2 42.4 63.6

119 33.5 25.9 38.9

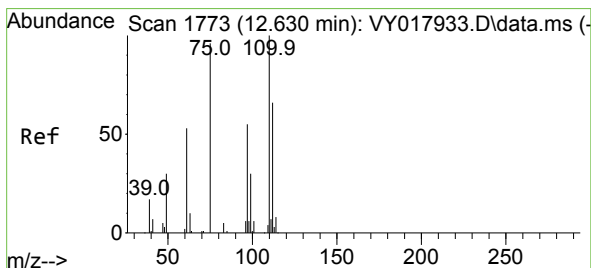
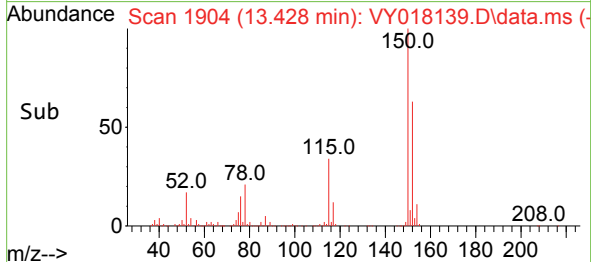
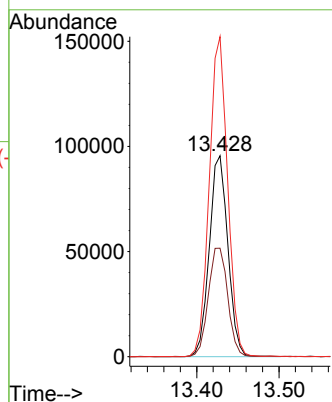
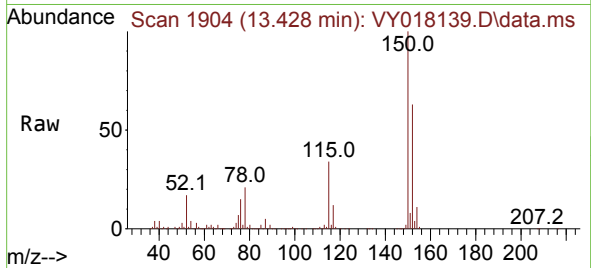




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY018139.D
 Acq: 03 May 2024 13:46

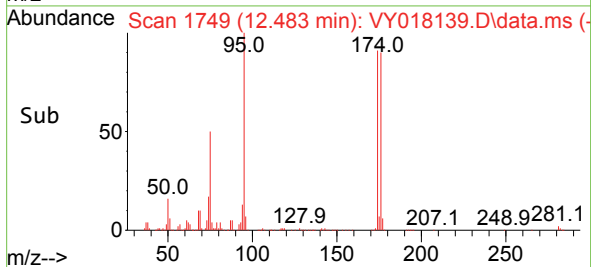
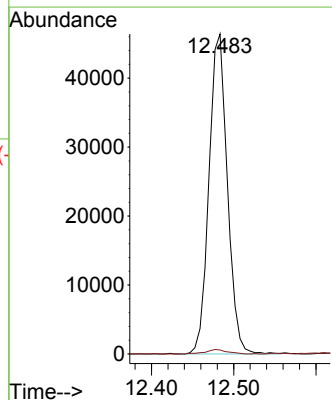
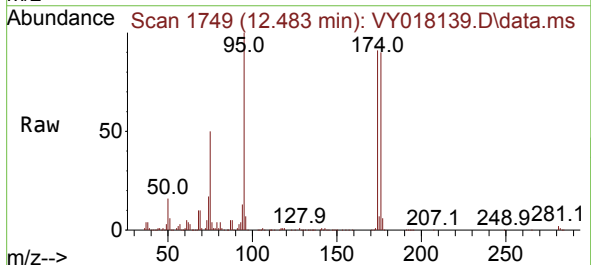
Instrument :
 MSVOA_Y
 ClientSampleId :

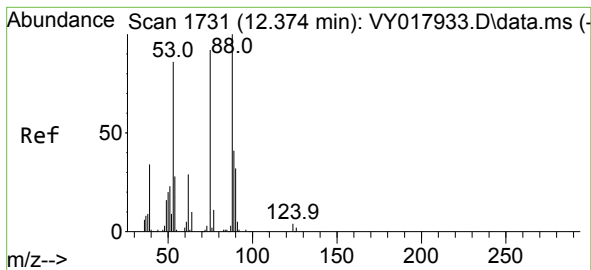
Tgt Ion:152 Resp: 150540
 Ion Ratio Lower Upper
 152 100
 115 56.5 28.2 84.7
 150 156.4 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 57.057 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY018139.D
 Acq: 03 May 2024 13:46

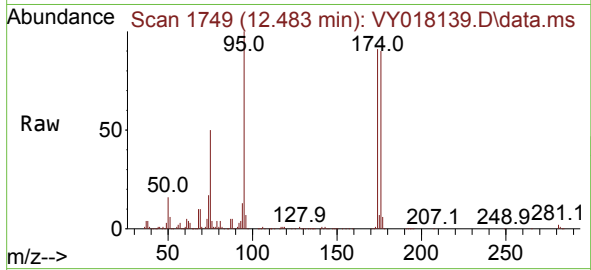
Tgt Ion: 75 Resp: 72086
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.944 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018139.D
 Acq: 03 May 2024 13:46

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	72086
Ion	Ratio	Lower	Upper
75	100		
53	0.1	66.8	100.2#
89	0.2	35.8	53.6#

