

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050824\
 Data File : VY018190.D
 Acq On : 08 May 2024 15:58
 Operator : SY/MD
 Sample : P2413-05
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 09 02:27:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

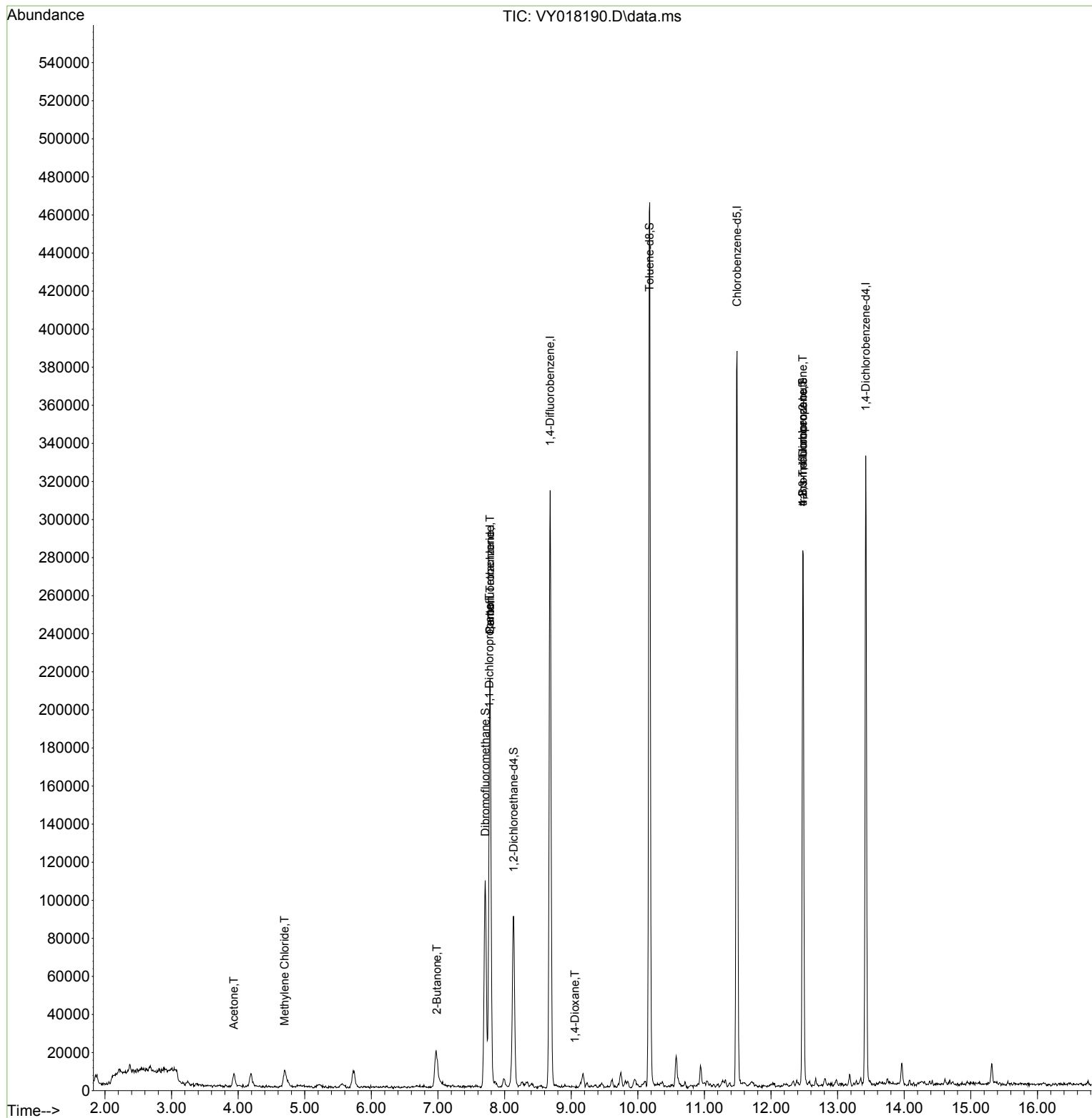
Internal Standards						
1) Pentafluorobenzene	7.783	168	172869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	287659	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	230140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	86562	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	65579	51.566	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.140%	
35) Dibromofluoromethane	7.710	113	77296	51.129	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.260%	
50) Toluene-d8	10.179	98	317425	53.283	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.560%	
62) 4-Bromofluorobenzene	12.477	95	87543	45.503	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 91.000%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.917	59	164	Below Cal	#	10
13) Acrolein	3.698	56	170	Below Cal	#	15
16) Acetone	3.936	43	11349	44.718	ug/l	92
20) Methylene Chloride	4.698	84	6331	3.529	ug/l #	82
25) 2-Butanone	6.984	43	3325	8.196	ug/l #	87
31) Cyclohexane	7.777	56	4633	Below Cal	#	1
36) 1,1-Dichloropropene	7.771	75	12297	5.674	ug/l #	51
38) Carbon Tetrachloride	7.783	117	16464	6.952	ug/l #	16
49) 1,4-Dioxane	9.057	88	20	1.720	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	44121	63.678	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	44121	122.687	ug/l #	16

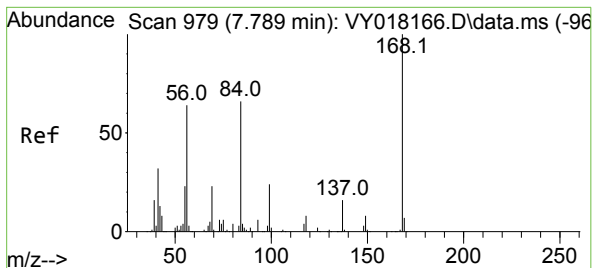
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
Quant Title : SW846 8260
QLast Update : Wed May 08 01:40:14 2024
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: VY018190.D

Acq: 08 May 2024 15:58

Instrument :

MSVOA_Y

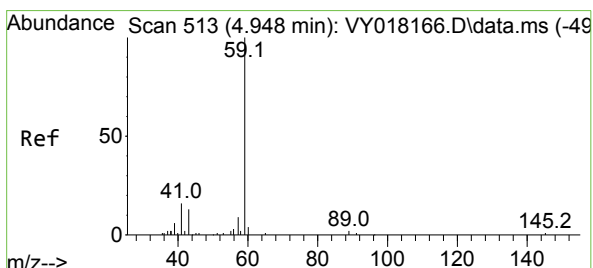
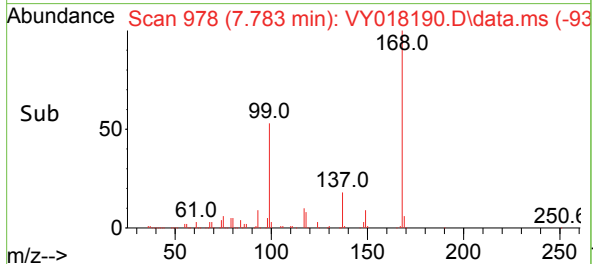
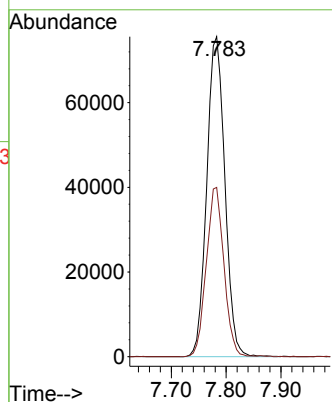
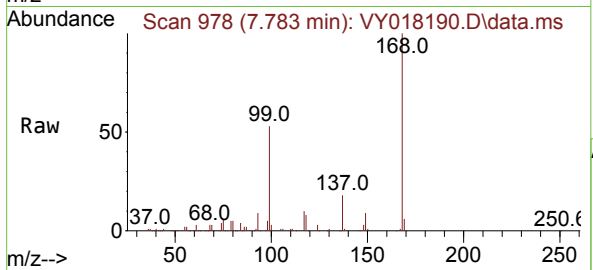
ClientSampleId :

Tgt Ion:168 Resp: 172869

Ion Ratio Lower Upper

168 100

99 52.9 39.1 58.7



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.917 min Scan# 508

Delta R.T. -0.031 min

Lab File: VY018190.D

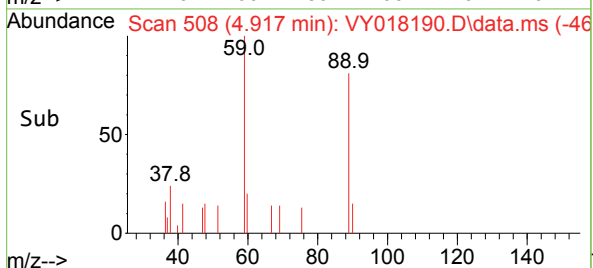
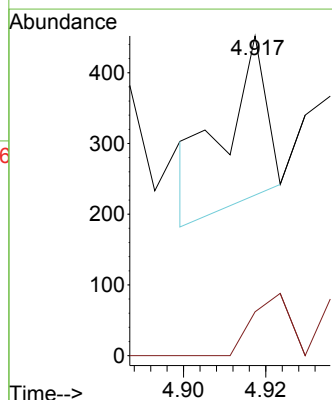
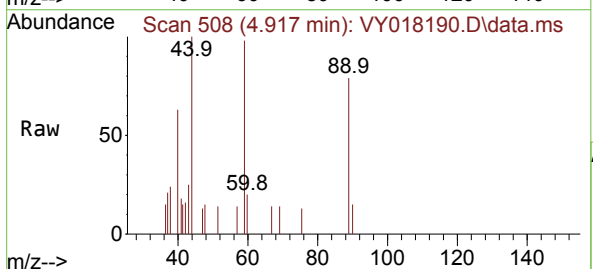
Acq: 08 May 2024 15:58

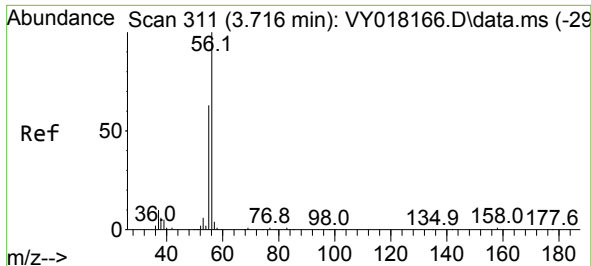
Tgt Ion: 59 Resp: 164

Ion Ratio Lower Upper

59 100

57 33.5 3.0 4.6#

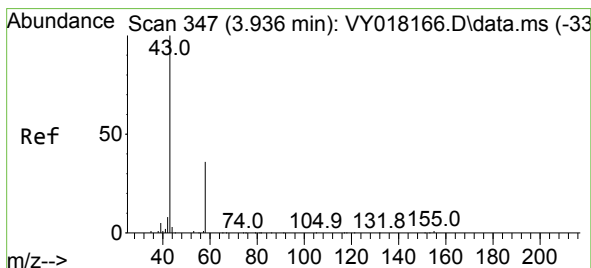
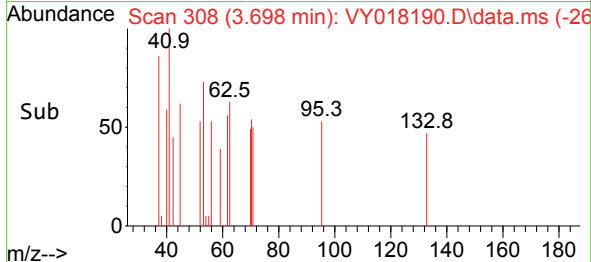
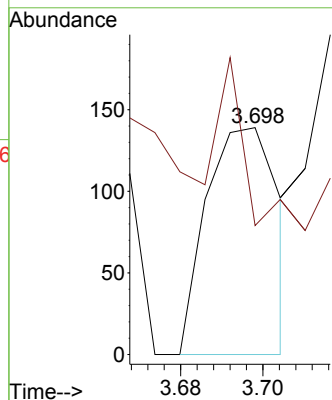
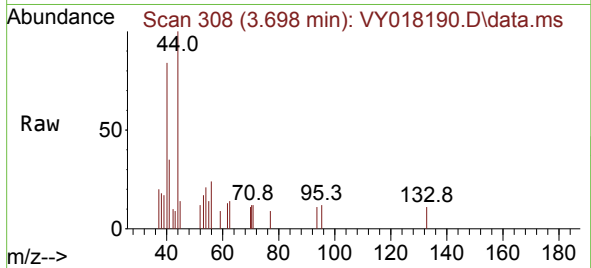




#13
Acrolein
Concen: Below Cal
RT: 3.698 min Scan# 308
Delta R.T. -0.018 min
Lab File: VY018190.D
Acq: 08 May 2024 15:58

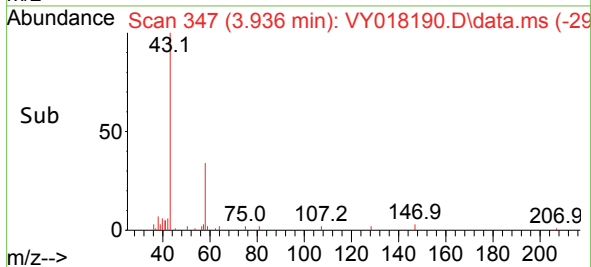
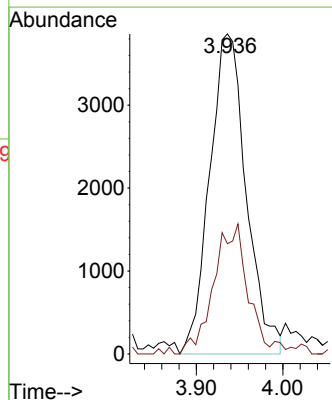
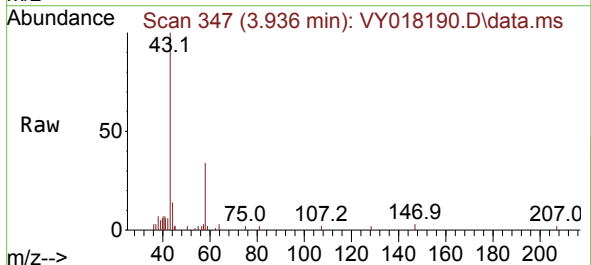
Instrument :
MSVOA_Y
ClientSampleId :

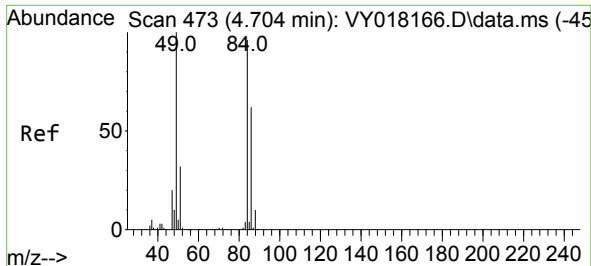
Tgt Ion: 56 Resp: 170
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



#16
Acetone
Concen: 44.718 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY018190.D
Acq: 08 May 2024 15:58

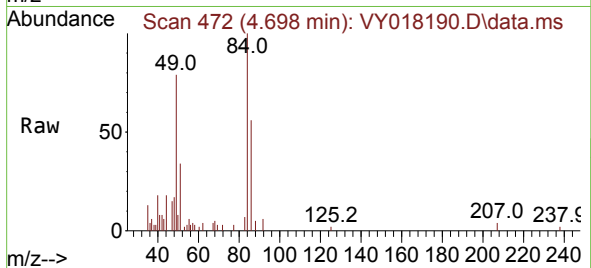
Tgt Ion: 43 Resp: 11349
Ion Ratio Lower Upper
43 100
58 34.4 31.7 47.5





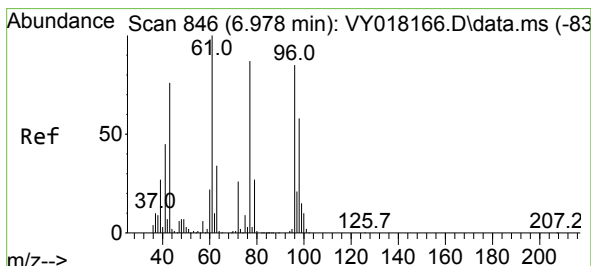
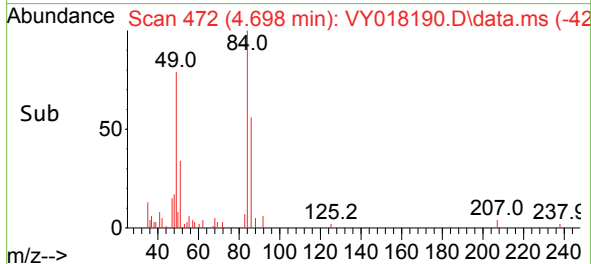
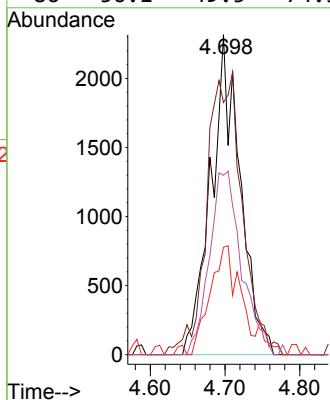
#20
Methylene Chloride
Concen: 3.529 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018190.D
Acq: 08 May 2024 15:58

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 6331

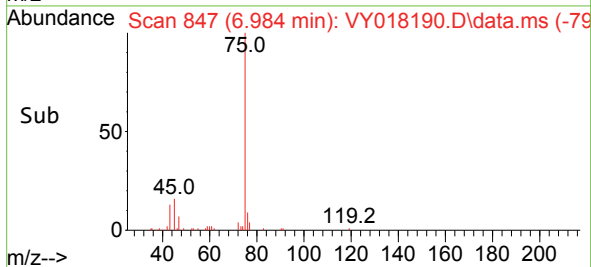
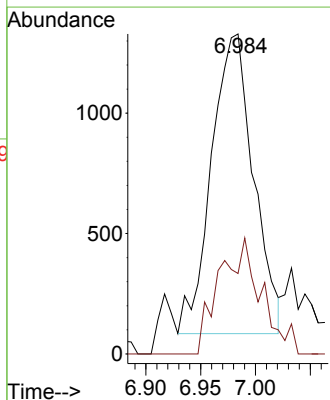
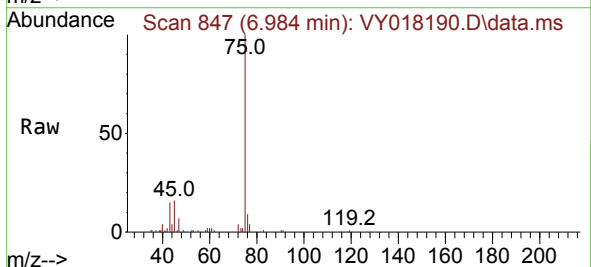
Ion	Ratio	Lower	Upper
84	100		
49	75.5	84.4	126.6#
51	31.2	26.0	39.0
86	56.1	49.5	74.3

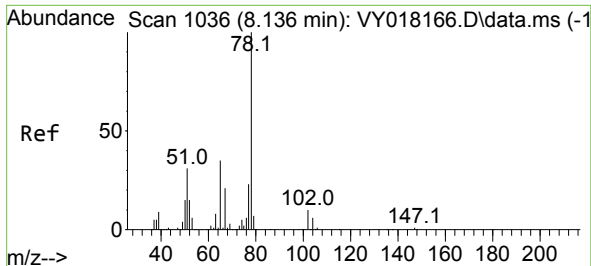


#25
2-Butanone
Concen: 8.196 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY018190.D
Acq: 08 May 2024 15:58

Tgt Ion: 43 Resp: 3325

Ion	Ratio	Lower	Upper
43	100		
72	26.8	27.3	40.9#





#33

1,2-Dichloroethane-d4

Concen: 51.566 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY018190.D

Acq: 08 May 2024 15:58

Instrument :

MSVOA_Y

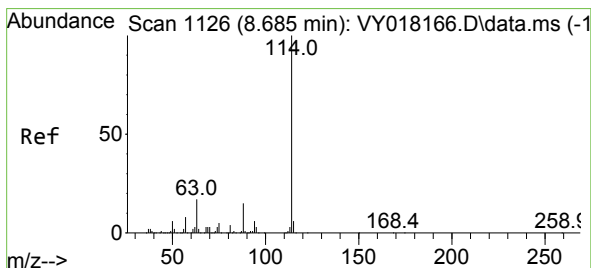
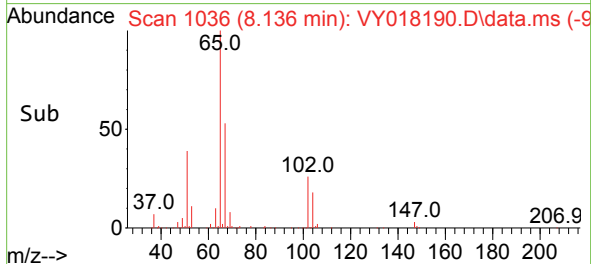
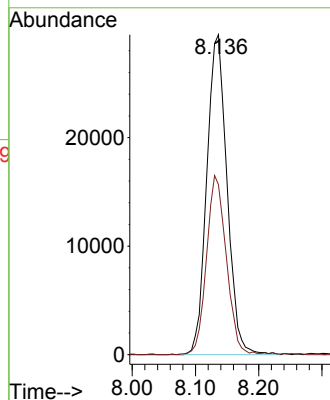
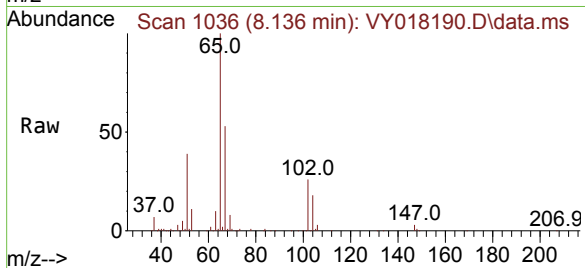
ClientSampleId :

Tgt Ion: 65 Resp: 65579

Ion Ratio Lower Upper

65 100

67 54.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY018190.D

Acq: 08 May 2024 15:58

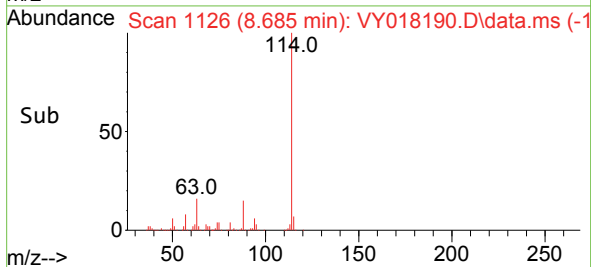
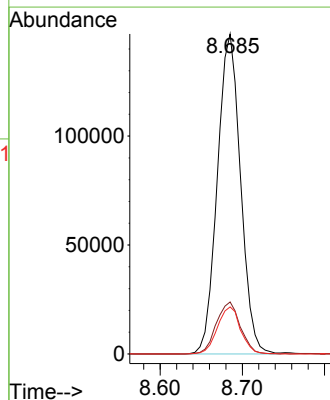
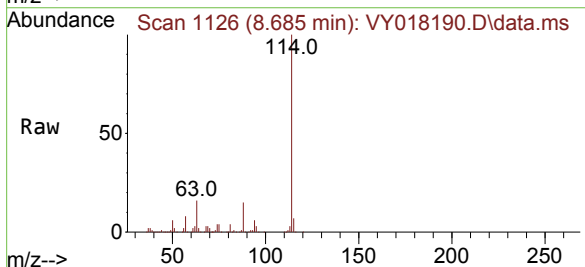
Tgt Ion: 114 Resp: 287659

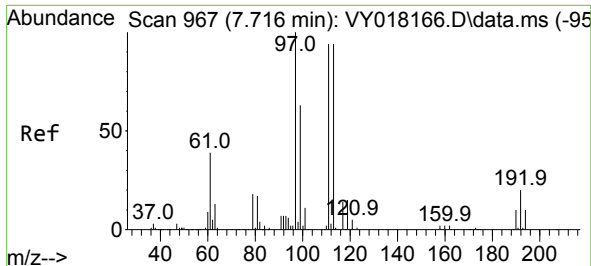
Ion Ratio Lower Upper

114 100

63 16.2 0.0 35.0

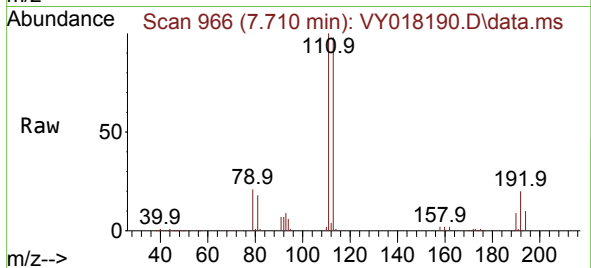
88 14.7 0.0 27.2



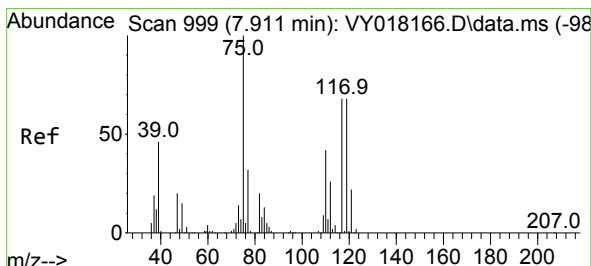
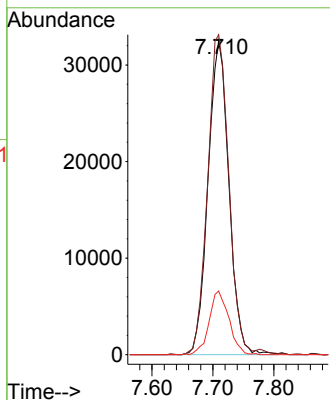
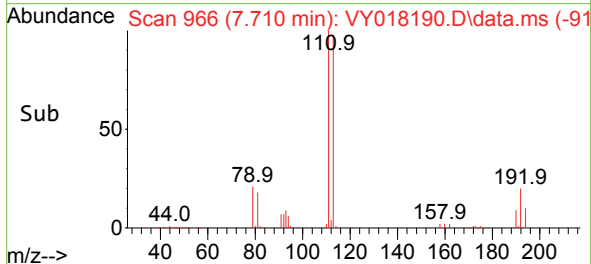


#35
Dibromofluoromethane
Concen: 51.129 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY018190.D
Acq: 08 May 2024 15:58

Instrument :
MSVOA_Y
ClientSampleId :

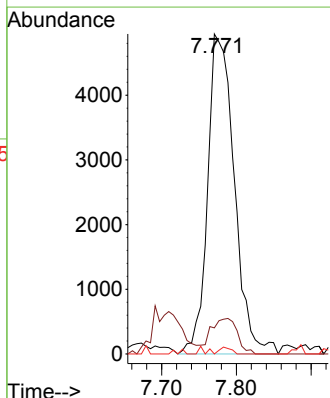
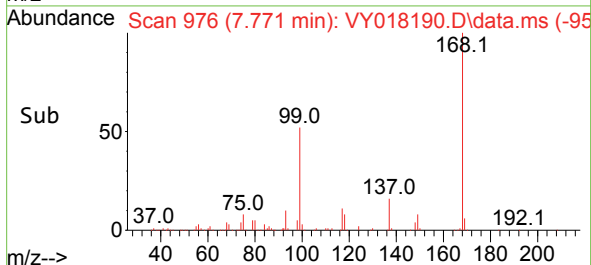
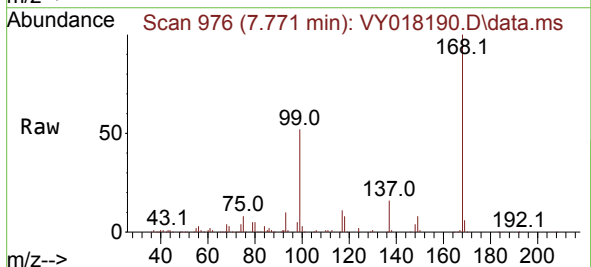


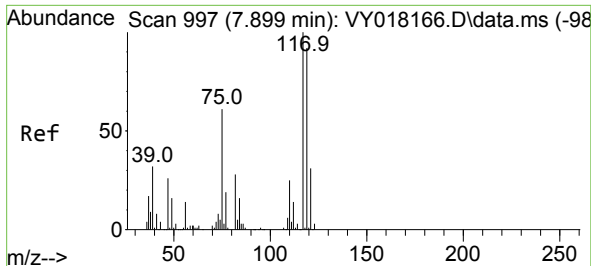
Tgt Ion:113 Resp: 77296
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 19.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.674 ug/l
RT: 7.771 min Scan# 976
Delta R.T. -0.140 min
Lab File: VY018190.D
Acq: 08 May 2024 15:58

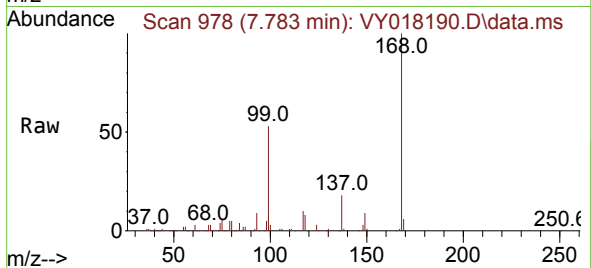
Tgt Ion: 75 Resp: 12297
Ion Ratio Lower Upper
75 100
110 11.3 19.0 57.0#
77 0.9 25.3 37.9#



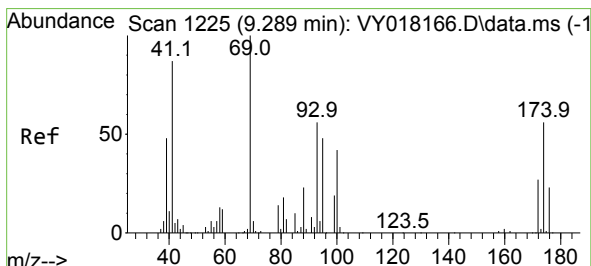
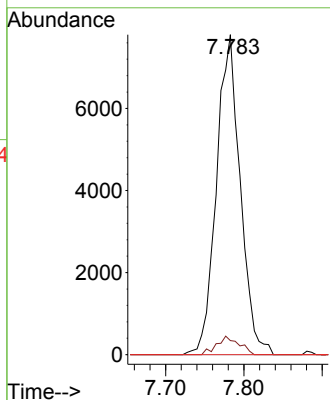
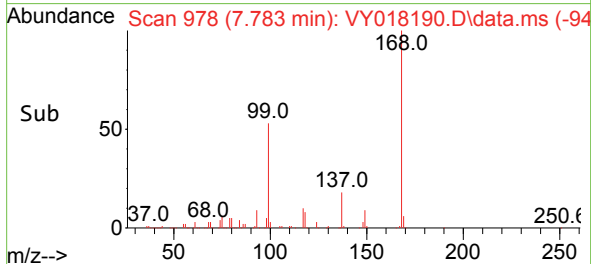


#38
Carbon Tetrachloride
Concen: 6.952 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018190.D
Acq: 08 May 2024 15:58

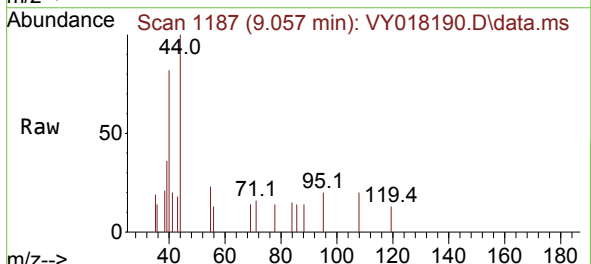
Instrument :
MSVOA_Y
ClientSampleId :



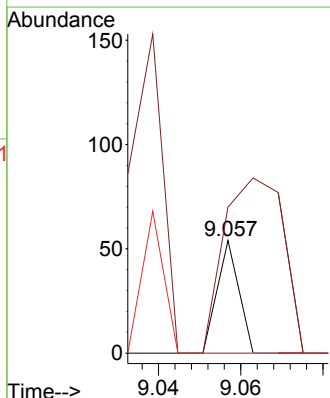
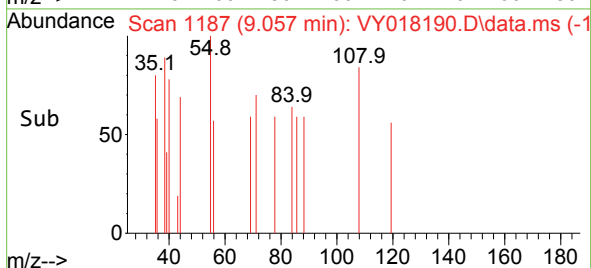
Tgt Ion:117 Resp: 16464
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.6#
121 0.0 24.0 36.0#

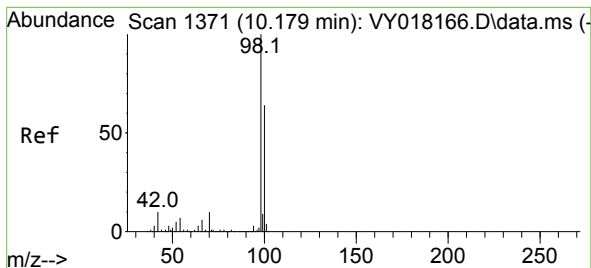


#49
1,4-Dioxane
Concen: 1.720 ug/l
RT: 9.057 min Scan# 1187
Delta R.T. -0.232 min
Lab File: VY018190.D
Acq: 08 May 2024 15:58



Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 420.0 0.0 0.0#
58 0.0 49.3 73.9#

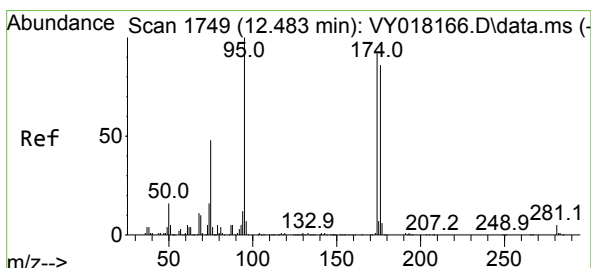
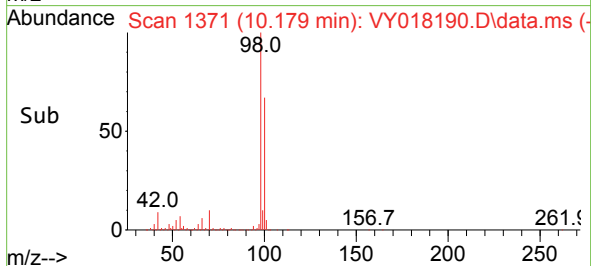
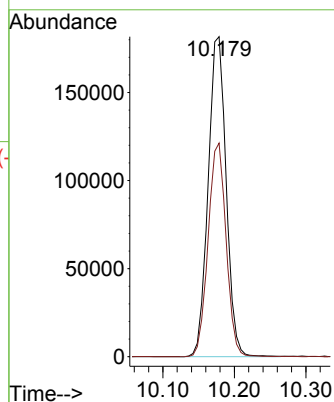
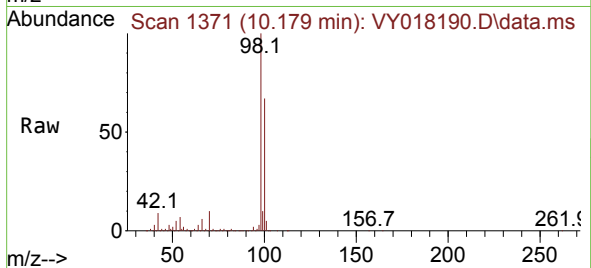




#50
Toluene-d8
Concen: 53.283 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018190.D
Acq: 08 May 2024 15:58

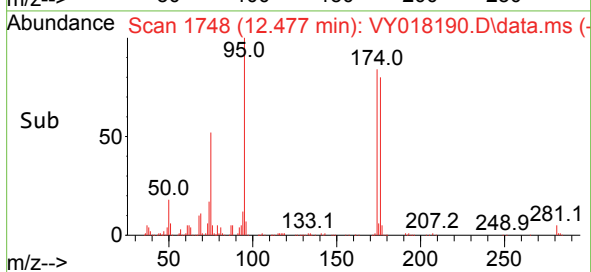
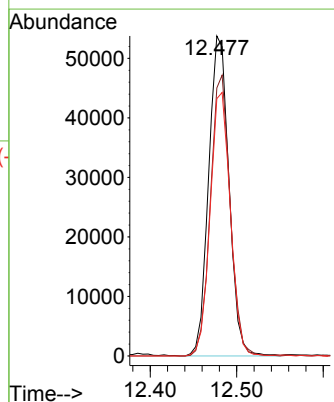
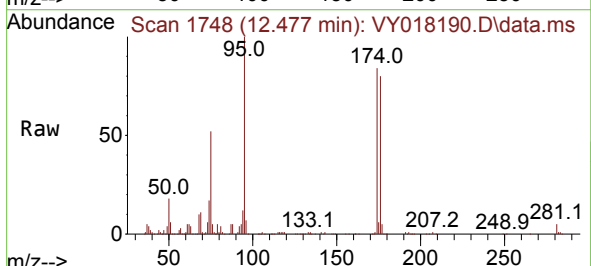
Instrument :
MSVOA_Y
ClientSampleId :

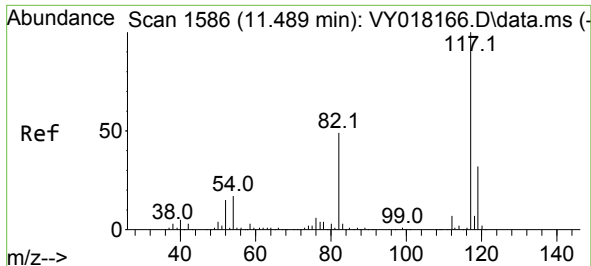
Tgt Ion: 98 Resp: 317425
Ion Ratio Lower Upper
98 100
100 66.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.503 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018190.D
Acq: 08 May 2024 15:58

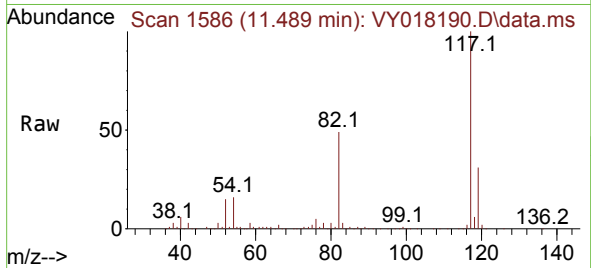
Tgt Ion: 95 Resp: 87543
Ion Ratio Lower Upper
95 100
174 85.6 0.0 175.6
176 82.0 0.0 171.4



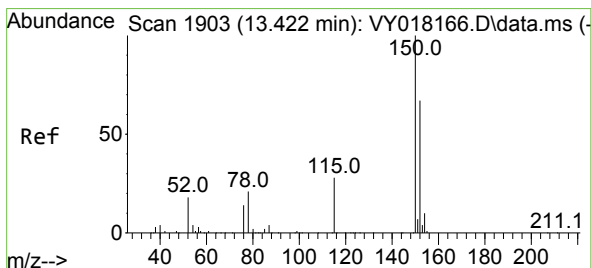
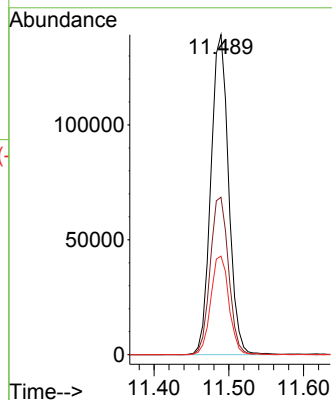
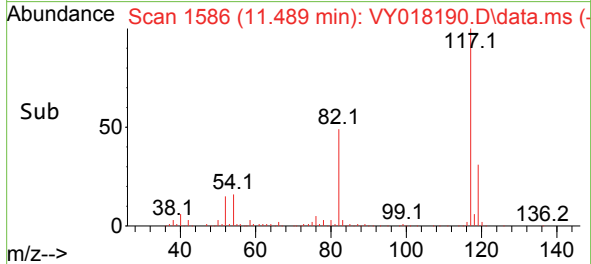


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY018190.D
Acq: 08 May 2024 15:58

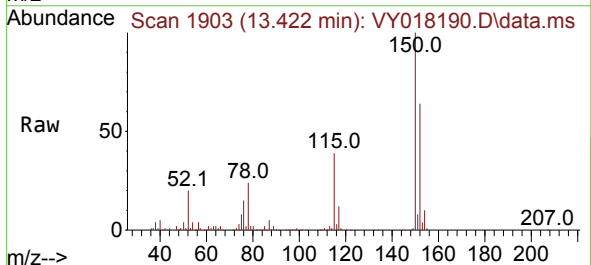
Instrument :
MSVOA_Y
ClientSampleId :



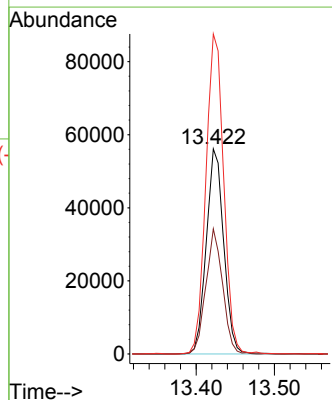
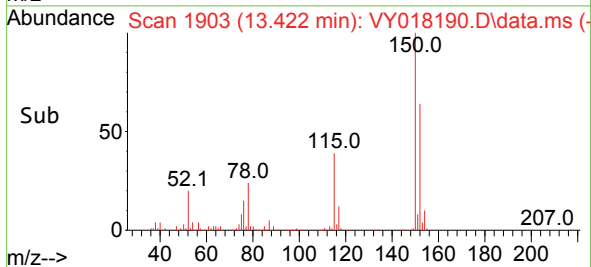
Tgt Ion:117 Resp: 230140
Ion Ratio Lower Upper
117 100
82 49.2 42.4 63.6
119 30.8 25.9 38.9

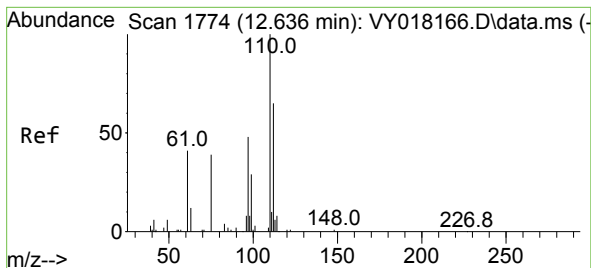


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018190.D
Acq: 08 May 2024 15:58



Tgt Ion:152 Resp: 86562
Ion Ratio Lower Upper
152 100
115 58.7 28.2 84.7
150 159.1 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 63.678 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.159 min

Lab File: VY018190.D

Acq: 08 May 2024 15:58

Instrument :

MSVOA_Y

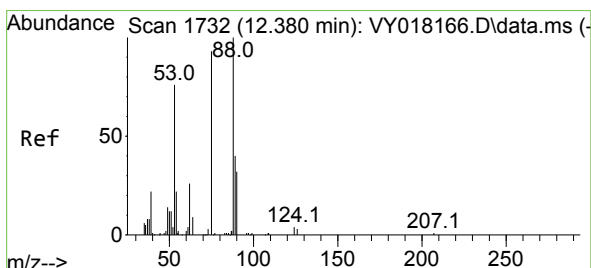
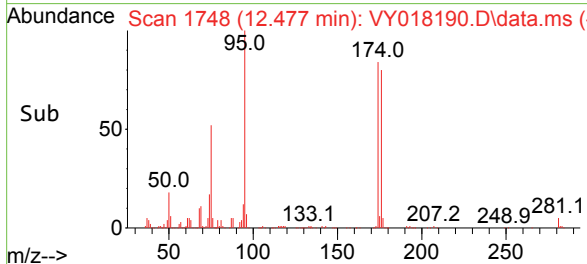
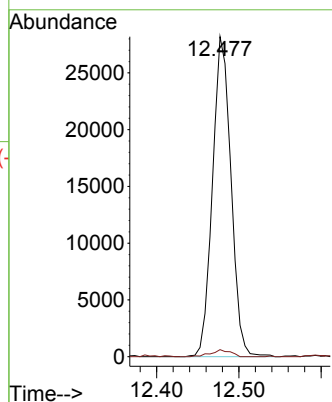
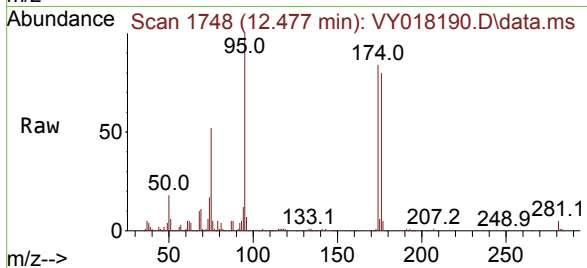
ClientSampleId :

Tgt Ion: 75 Resp: 44121

Ion Ratio Lower Upper

75 100

77 2.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 122.687 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.097 min

Lab File: VY018190.D

Acq: 08 May 2024 15:58

Tgt Ion: 75 Resp: 44121

Ion Ratio Lower Upper

75 100

53 0.2 66.8 100.2#

89 0.0 35.8 53.6#

