

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050924\
 Data File : VY018219.D
 Acq On : 09 May 2024 18:54
 Operator : SY/MD
 Sample : P2432-07
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 10 01:22:14 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	176020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	336486	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	298312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113545	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	83857	64.758	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.520%	
35) Dibromofluoromethane	7.710	113	97588	55.185	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.360%	
50) Toluene-d8	10.179	98	377910	54.231	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.460%	
62) 4-Bromofluorobenzene	12.483	95	117413	52.173	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.340%	

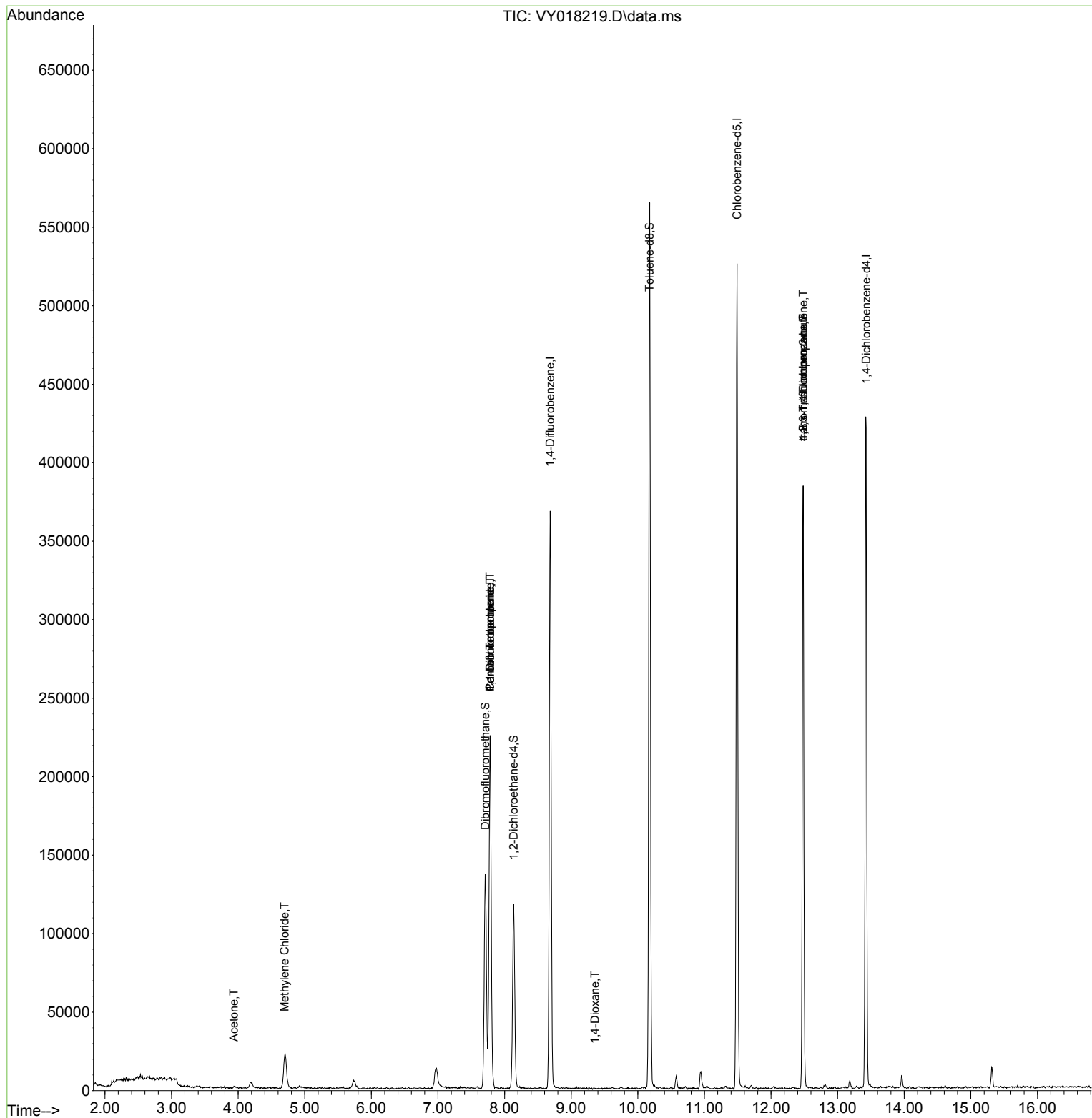
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.942	59	481	Below Cal	#	57
13) Acrolein	3.716	56	110	Below Cal	#	14
16) Acetone	3.936	43	1593	6.165	ug/l	92
20) Methylene Chloride	4.698	84	17236	9.437	ug/l	92
31) Cyclohexane	7.789	56	3558	Below Cal	#	28
36) 1,1-Dichloropropene	7.783	75	13321	5.255	ug/l	# 48
38) Carbon Tetrachloride	7.783	117	17001	6.137	ug/l	# 16
49) 1,4-Dioxane	9.356	88	22	1.617	ug/l	# 1
76) 1,2,3-Trichloropropane	12.483	75	57625	63.404	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	57625	122.158	ug/l	# 16

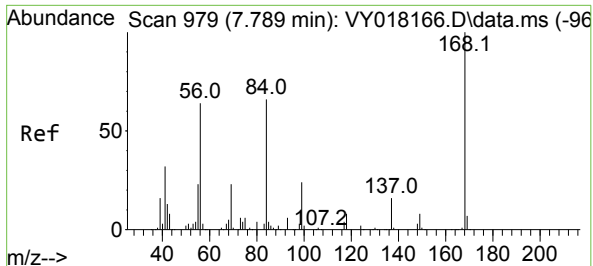
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050924\
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Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 10 01:22:14 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

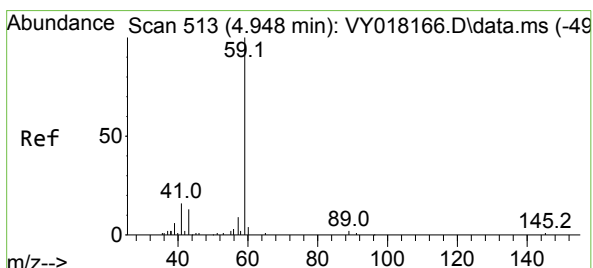
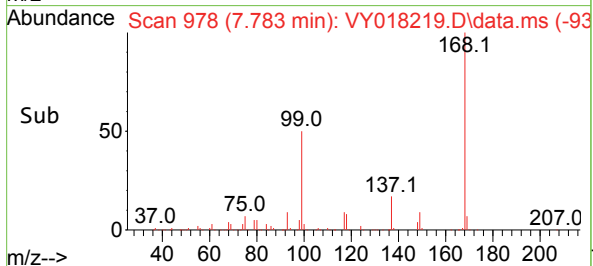
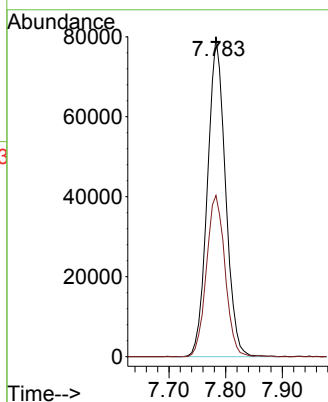
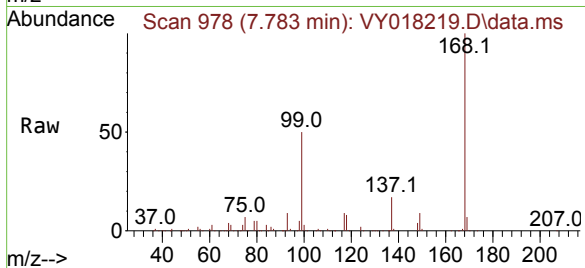




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018219.D
Acq: 09 May 2024 18:54

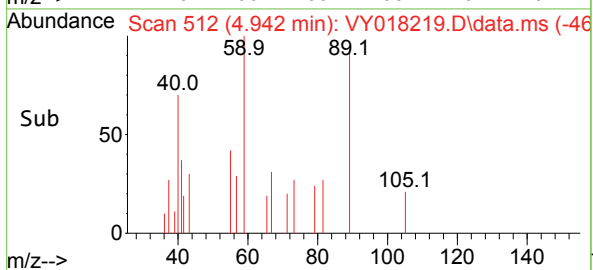
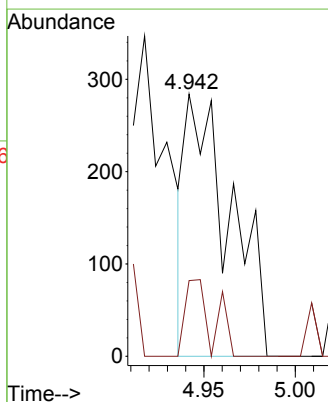
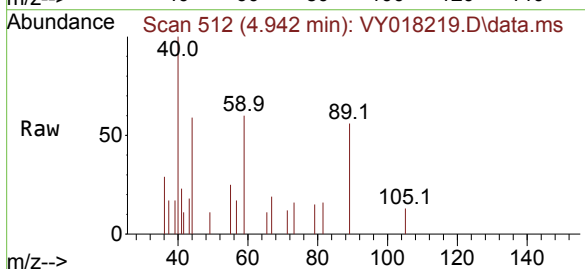
Instrument :
MSVOA_Y
ClientSampleId :

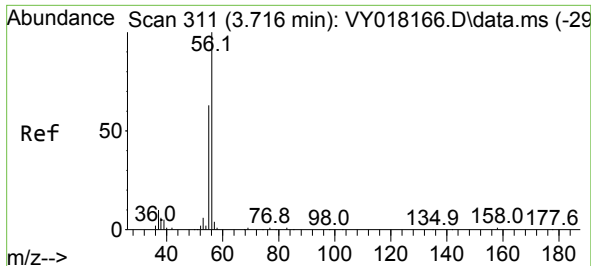
Tgt Ion:168 Resp: 176020
Ion Ratio Lower Upper
168 100
99 50.4 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY018219.D
Acq: 09 May 2024 18:54

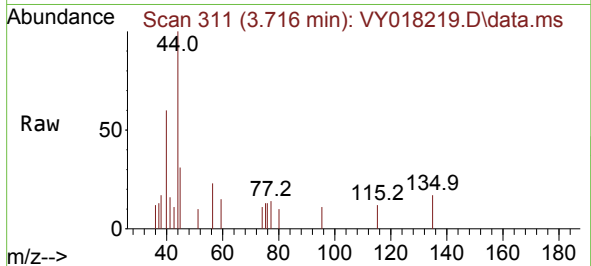
Tgt Ion: 59 Resp: 481
Ion Ratio Lower Upper
59 100
57 17.9 3.0 4.6#



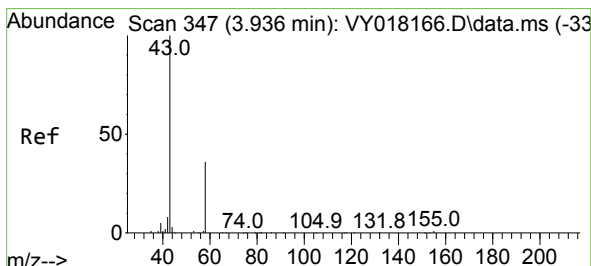
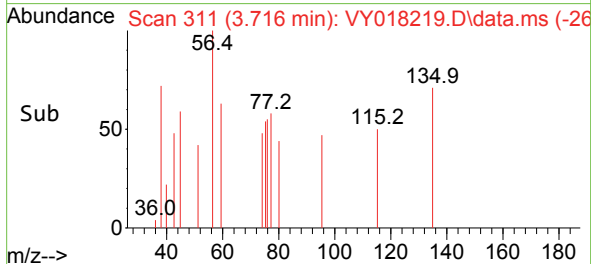
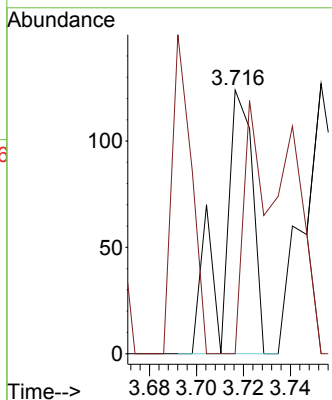


#13
Acrolein
Concen: Below Cal
RT: 3.716 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY018219.D
Acq: 09 May 2024 18:54

Instrument :
MSVOA_Y
ClientSampleId :

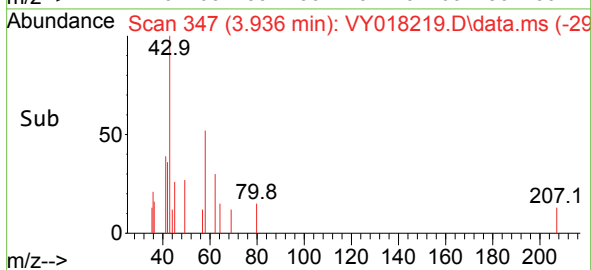
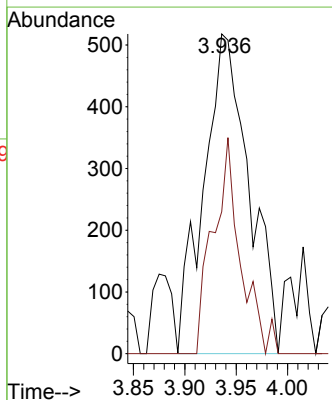
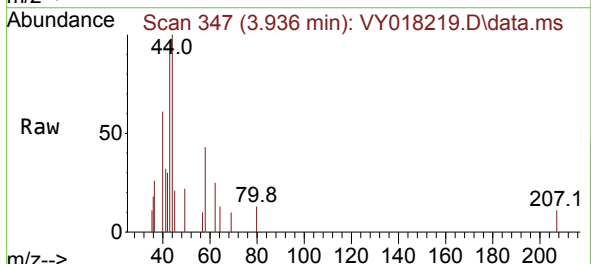


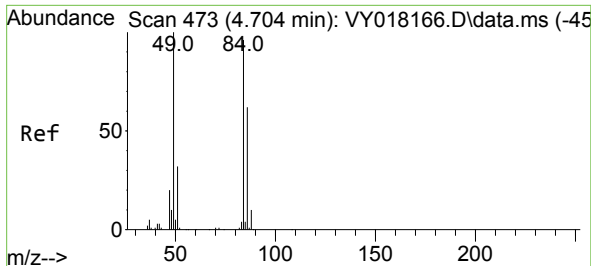
Tgt Ion: 56 Resp: 110
Ion Ratio Lower Upper
56 100
55 140.0 55.7 83.5#



#16
Acetone
Concen: 6.165 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY018219.D
Acq: 09 May 2024 18:54

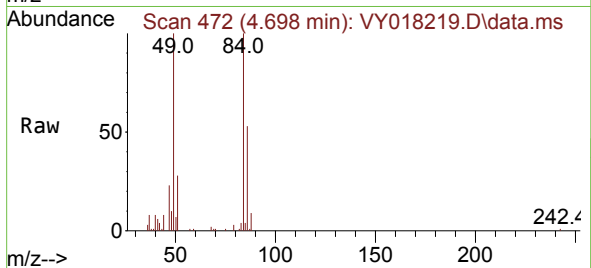
Tgt Ion: 43 Resp: 1593
Ion Ratio Lower Upper
43 100
58 44.4 31.7 47.5



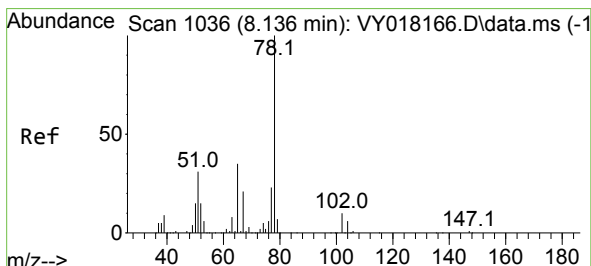
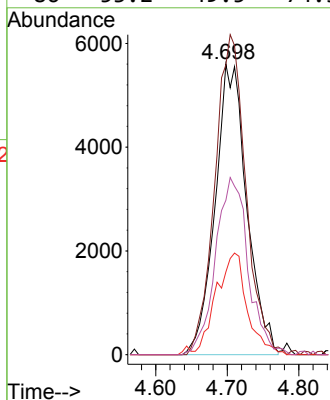
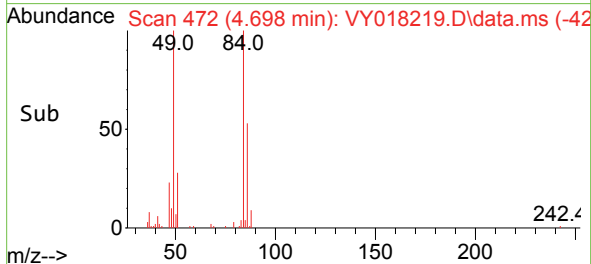


#20
Methylene Chloride
Concen: 9.437 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018219.D
Acq: 09 May 2024 18:54

Instrument :
MSVOA_Y
ClientSampleId :

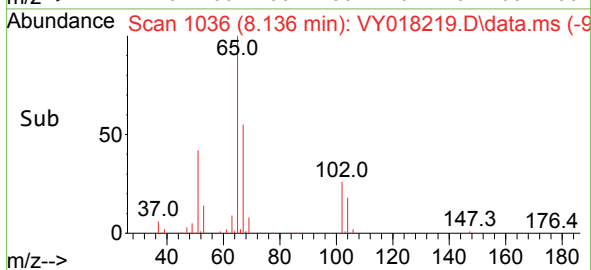
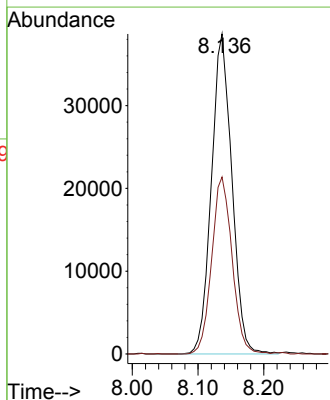
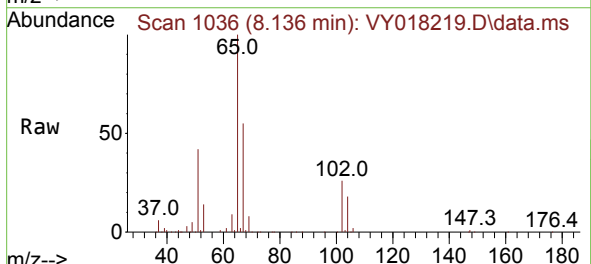


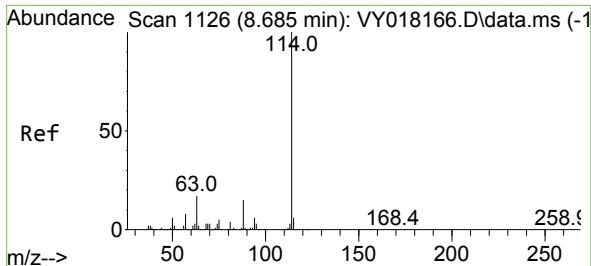
Tgt Ion:	84	Resp:	17236
Ion	Ratio	Lower	Upper
84	100		
49	99.7	84.4	126.6
51	28.5	26.0	39.0
86	53.2	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 64.758 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018219.D
Acq: 09 May 2024 18:54

Tgt Ion:	65	Resp:	83857
Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	109.6

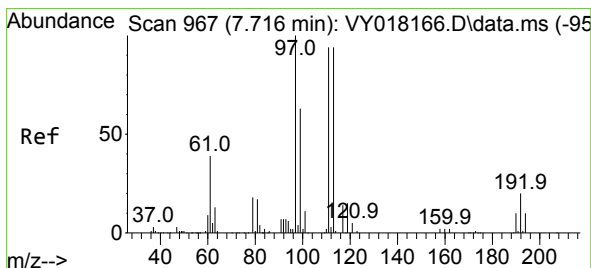
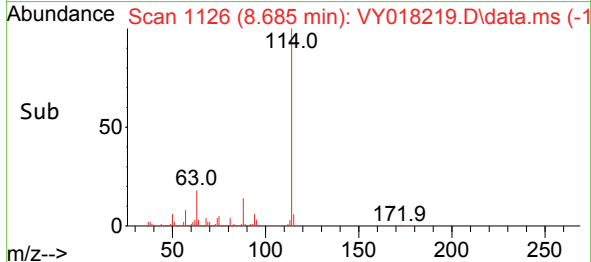
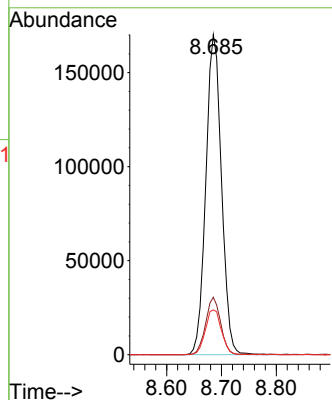
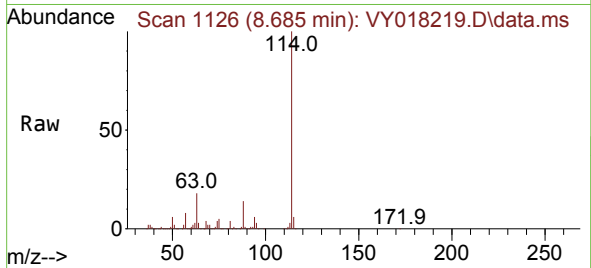




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018219.D
Acq: 09 May 2024 18:54

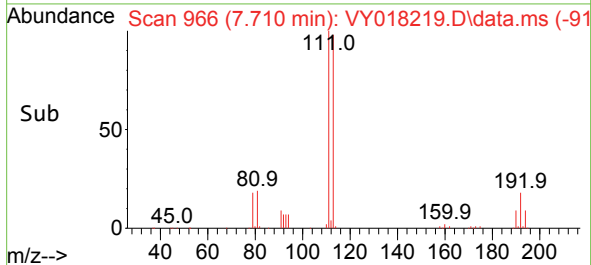
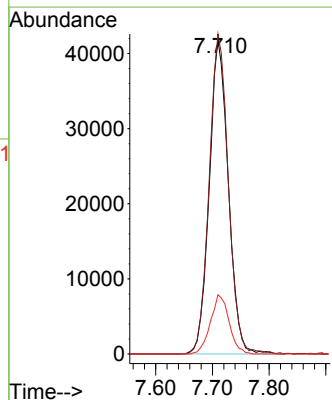
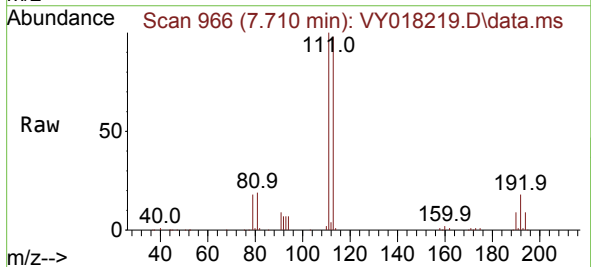
Instrument :
MSVOA_Y
ClientSampleId :

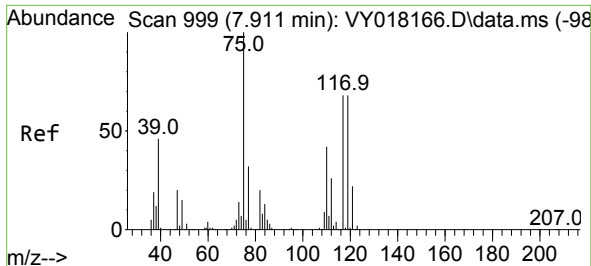
Tgt Ion:114 Resp: 336486
Ion Ratio Lower Upper
114 100
63 18.0 0.0 35.0
88 14.0 0.0 27.2



#35
Dibromofluoromethane
Concen: 55.185 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY018219.D
Acq: 09 May 2024 18:54

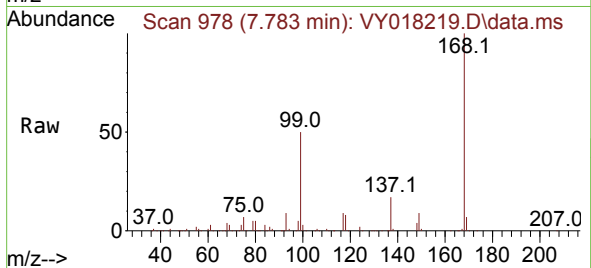
Tgt Ion:113 Resp: 97588
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 18.4 15.9 23.9



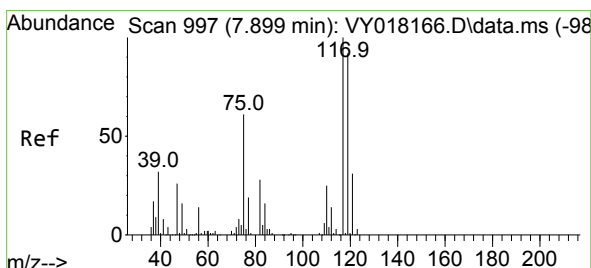
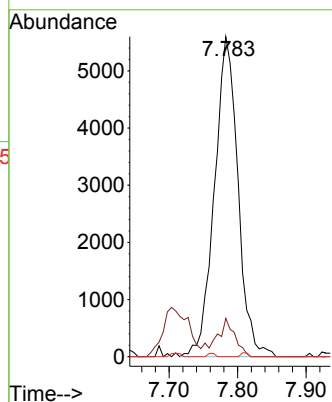
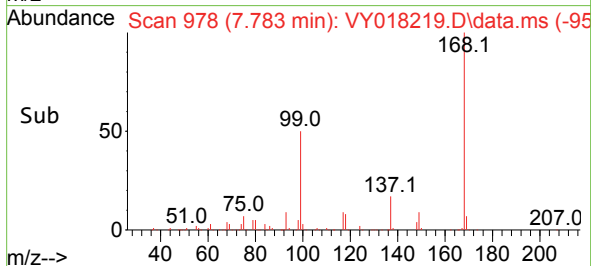


#36
 1,1-Dichloropropene
 Concen: 5.255 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY018219.D
 Acq: 09 May 2024 18:54

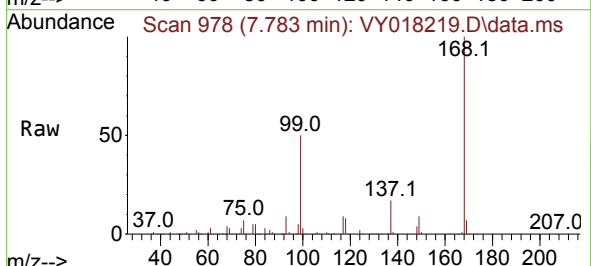
Instrument :
 MSVOA_Y
 ClientSampleId :



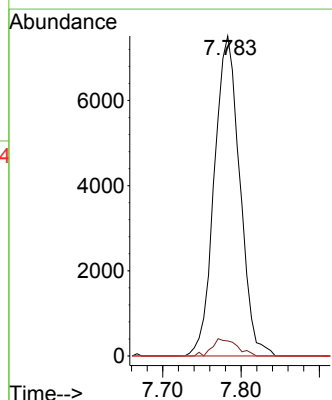
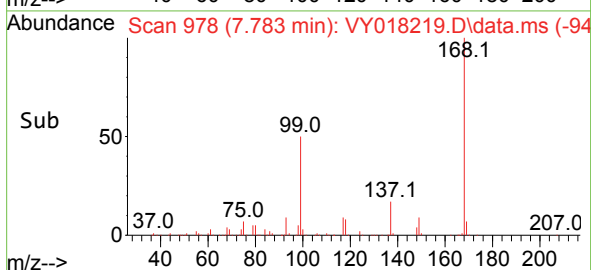
Tgt Ion: 75 Resp: 13321
 Ion Ratio Lower Upper
 75 100
 110 9.4 19.0 57.0#
 77 0.3 25.3 37.9#

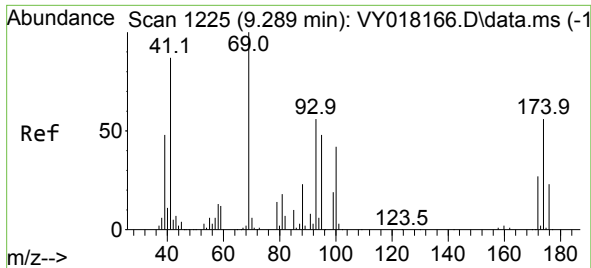


#38
 Carbon Tetrachloride
 Concen: 6.137 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.116 min
 Lab File: VY018219.D
 Acq: 09 May 2024 18:54



Tgt Ion: 117 Resp: 17001
 Ion Ratio Lower Upper
 117 100
 119 4.7 75.8 113.6#
 121 0.0 24.0 36.0#

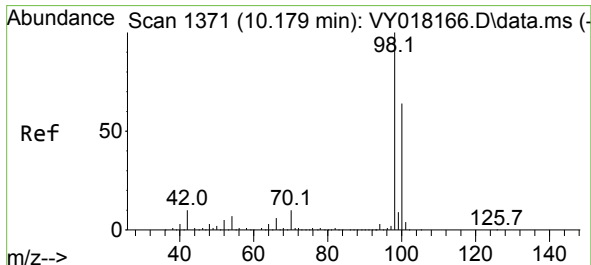
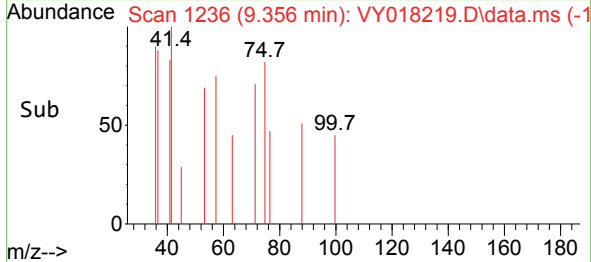
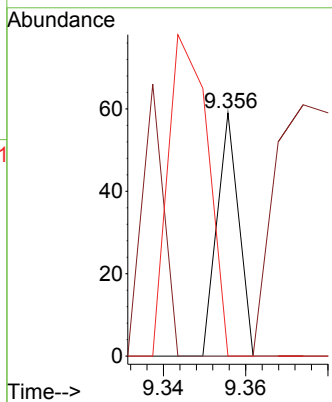
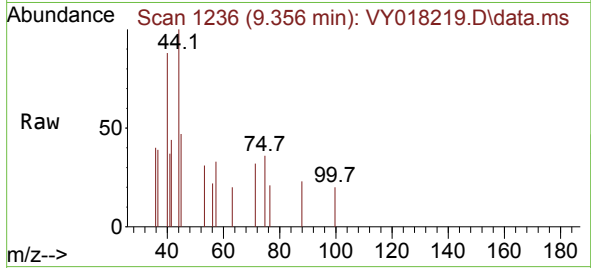




#49
1,4-Dioxane
Concen: 1.617 ug/l
RT: 9.356 min Scan# 1236
Delta R.T. 0.067 min
Lab File: VY018219.D
Acq: 09 May 2024 18:54

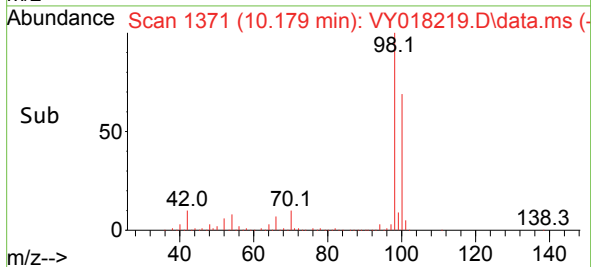
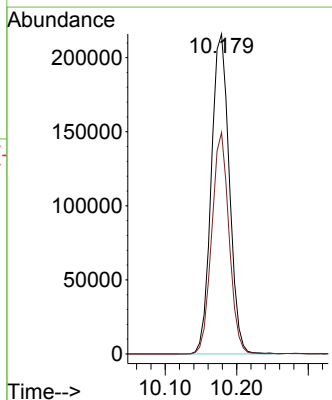
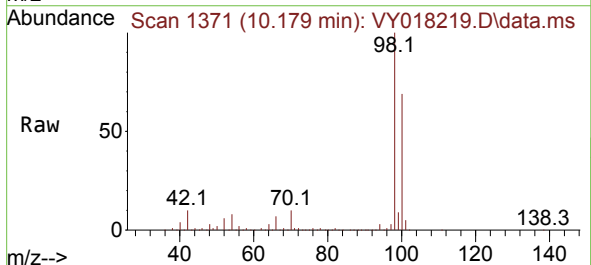
Instrument :
MSVOA_Y
ClientSampleId :

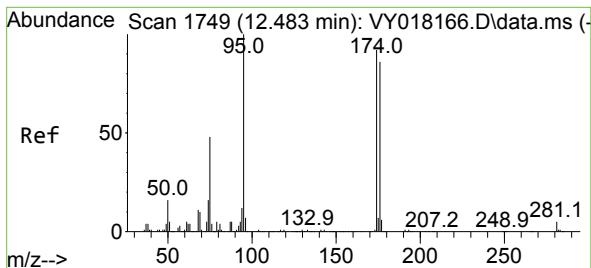
Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 109.1 0.0 0.0#
58 236.4 49.3 73.9#



#50
Toluene-d8
Concen: 54.231 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018219.D
Acq: 09 May 2024 18:54

Tgt Ion: 98 Resp: 377910
Ion Ratio Lower Upper
98 100
100 66.5 52.0 78.0

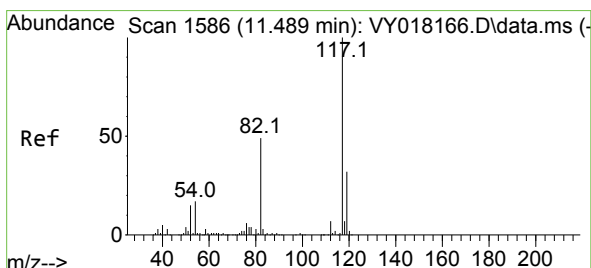
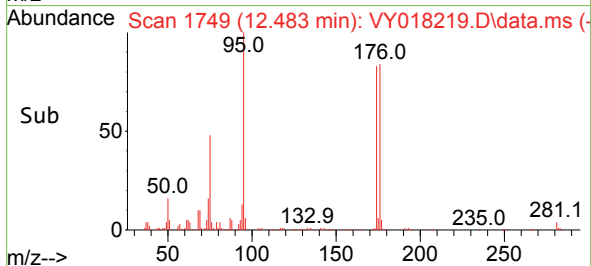
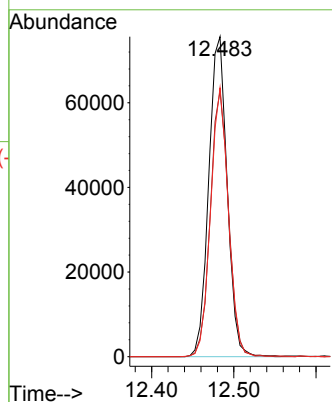
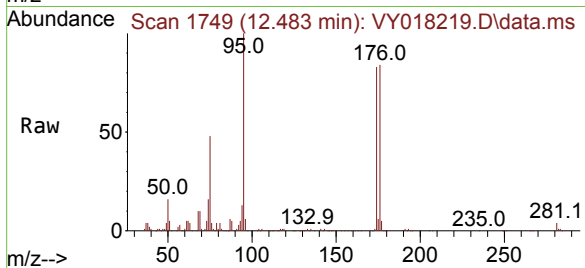




#62
4-Bromofluorobenzene
Concen: 52.173 ug/l
RT: 12.483 min Scan# 117413
Delta R.T. -0.000 min
Lab File: VY018219.D
Acq: 09 May 2024 18:54

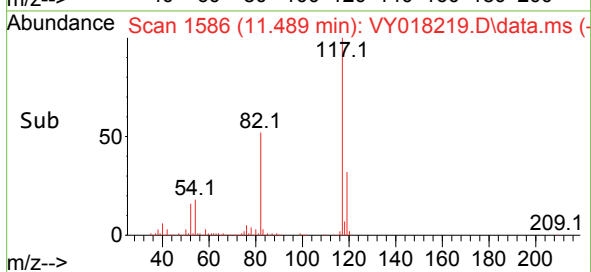
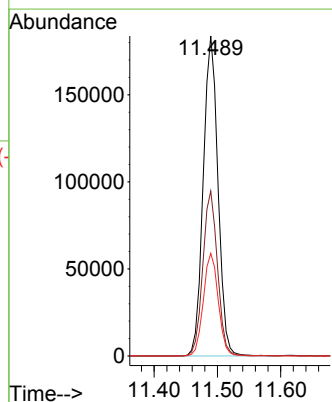
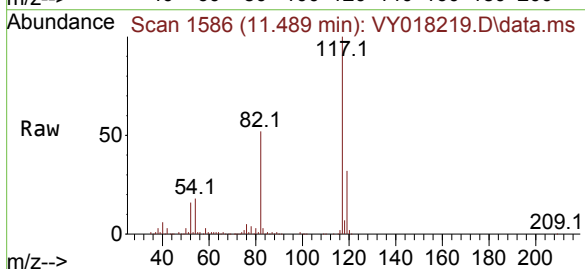
Instrument :
MSVOA_Y
ClientSampleId :

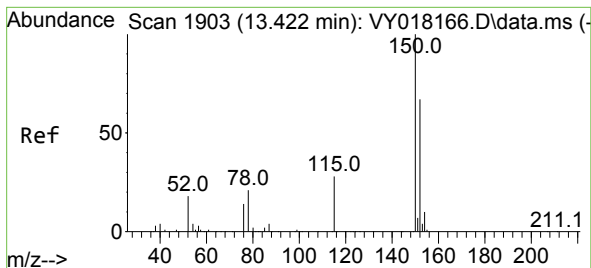
Tgt Ion: 95 Resp: 117413
Ion Ratio Lower Upper
95 100
174 82.4 0.0 175.6
176 81.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY018219.D
Acq: 09 May 2024 18:54

Tgt Ion: 117 Resp: 298312
Ion Ratio Lower Upper
117 100
82 51.5 42.4 63.6
119 32.1 25.9 38.9

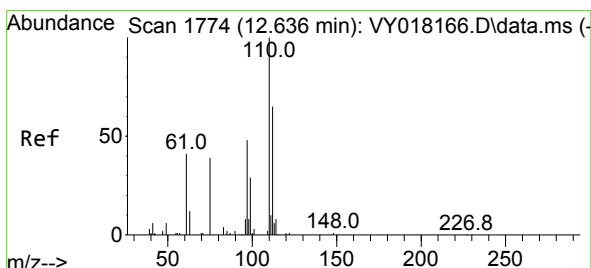
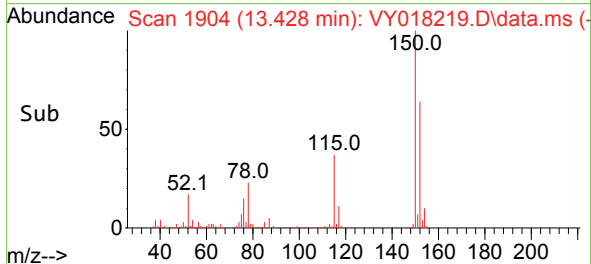
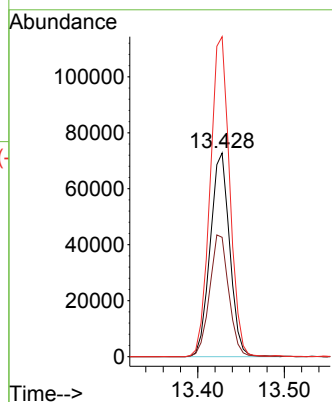
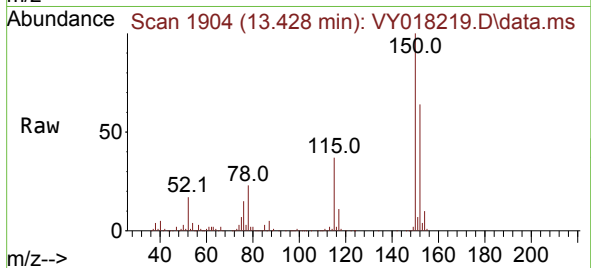




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY018219.D
Acq: 09 May 2024 18:54

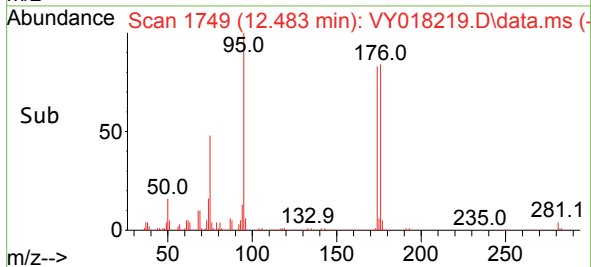
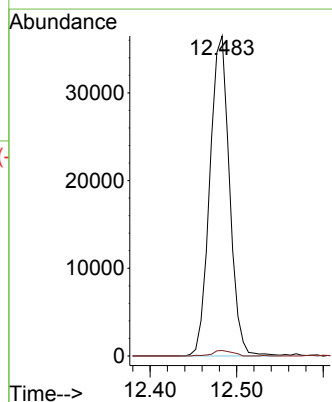
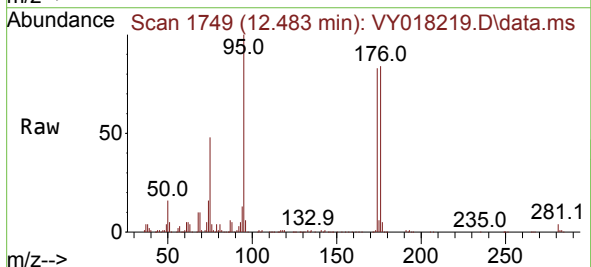
Instrument :
MSVOA_Y
ClientSampleId :

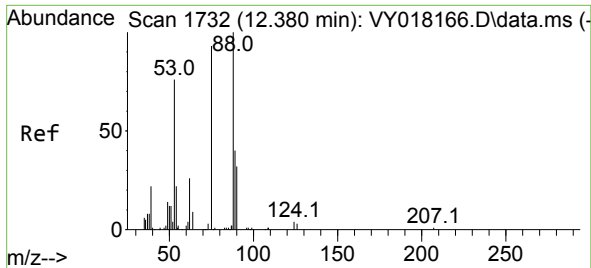
Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.9	28.2	84.7
150	157.6	0.0	345.6



#76
1,2,3-Trichloropropane
Concen: 63.404 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY018219.D
Acq: 09 May 2024 18:54

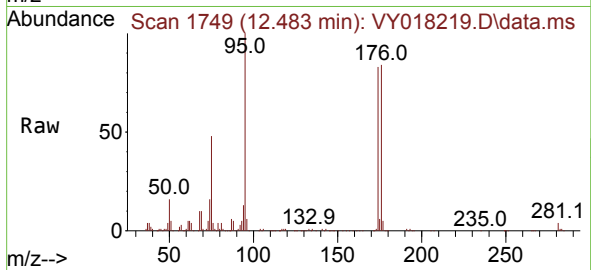
Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.8	0.0	0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.158 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018219.D
 Acq: 09 May 2024 18:54

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	57625
Ion	Ratio	Lower	Upper
75	100		
53	0.1	66.8	100.2#
89	0.3	35.8	53.6#

