

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050824\
 Data File : VY018189.D
 Acq On : 08 May 2024 15:34
 Operator : SY/MD
 Sample : P2413-07
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 09 02:27:13 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)

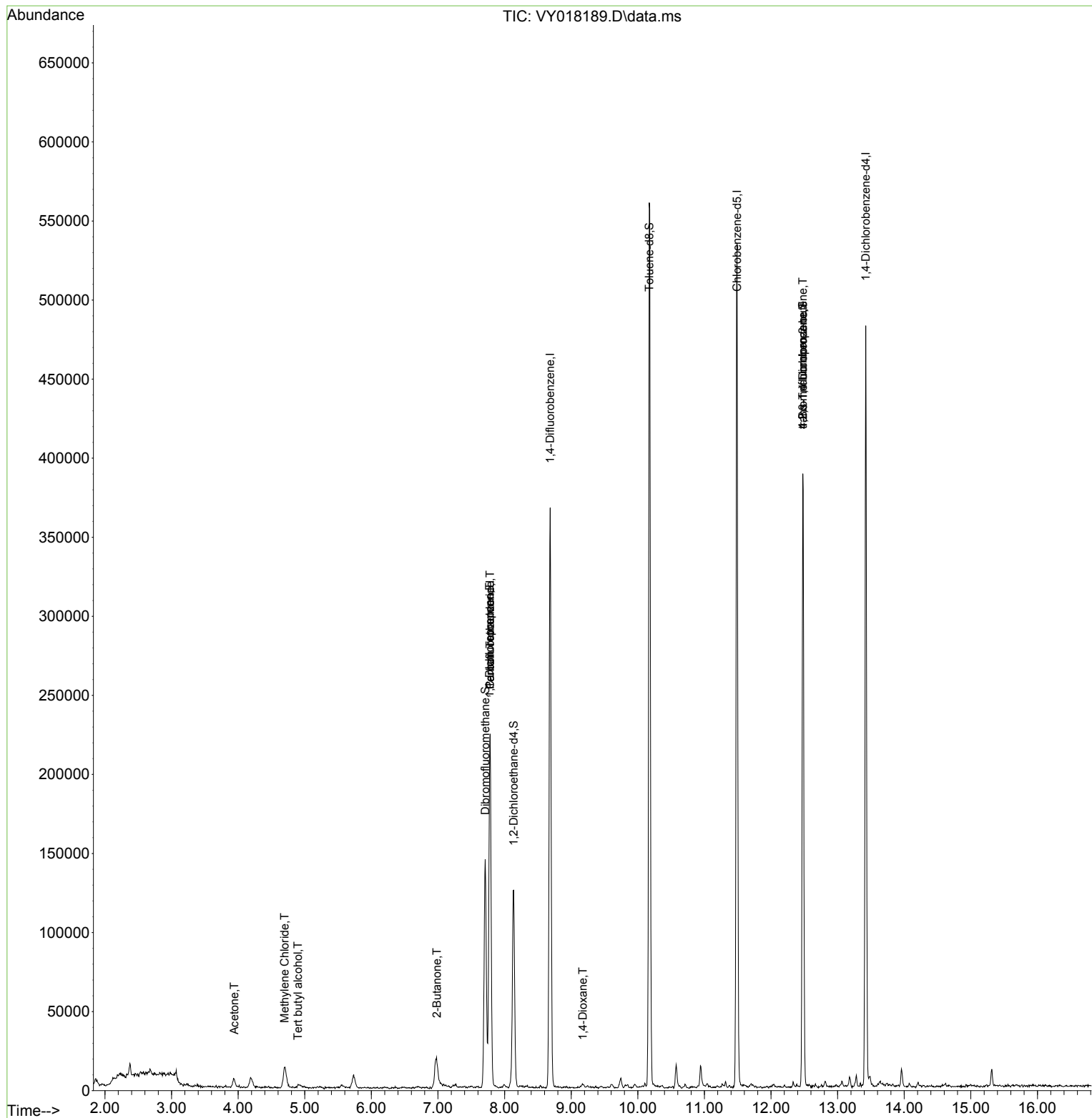
Internal Standards						
1) Pentafluorobenzene	7.783	168	181820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	341754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	305648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123560	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	90581	67.719	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.440%	
35) Dibromofluoromethane	7.710	113	101260	56.378	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.760%	
50) Toluene-d8	10.173	98	381828	53.948	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.900%	
62) 4-Bromofluorobenzene	12.477	95	121146	53.002	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.000%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.899	59	1961	5.082	ug/l #	94
13) Acrolein	3.716	56	247	Below Cal		94
16) Acetone	3.942	43	8313	31.143	ug/l #	81
20) Methylene Chloride	4.698	84	10370	5.496	ug/l	95
25) 2-Butanone	6.984	43	3692	8.653	ug/l #	73
31) Cyclohexane	7.771	56	2030	Below Cal	#	7
36) 1,1-Dichloropropene	7.777	75	12747	4.951	ug/l #	49
38) Carbon Tetrachloride	7.783	117	17224	6.122	ug/l #	17
49) 1,4-Dioxane	9.173	88	20	1.447	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	61125	61.804	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	61125	119.075	ug/l #	16

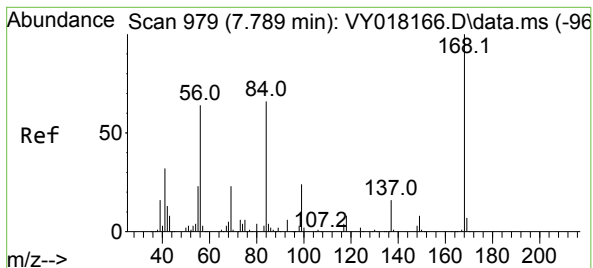
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY018189.D

Acq: 08 May 2024 15:34

Instrument :

MSVOA_Y

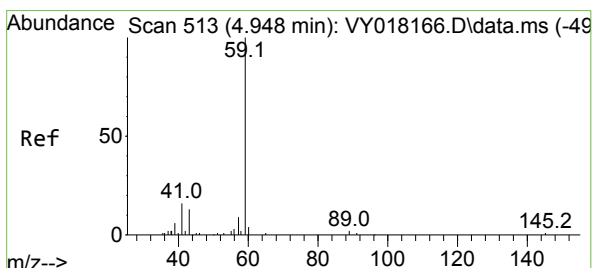
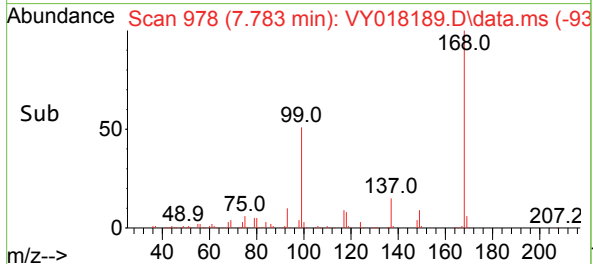
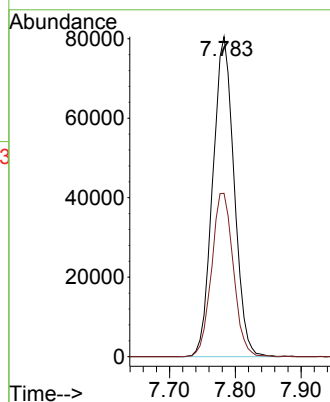
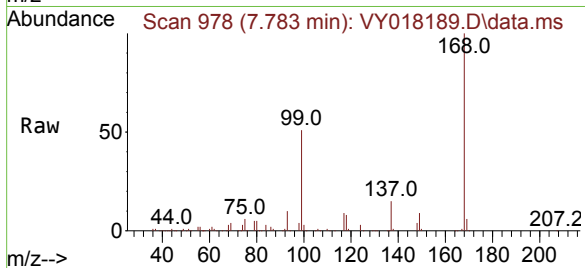
ClientSampleId :

Tgt Ion:168 Resp: 181820

Ion Ratio Lower Upper

168 100

99 51.0 39.1 58.7



#11

Tert butyl alcohol

Concen: 5.082 ug/l

RT: 4.899 min Scan# 505

Delta R.T. -0.049 min

Lab File: VY018189.D

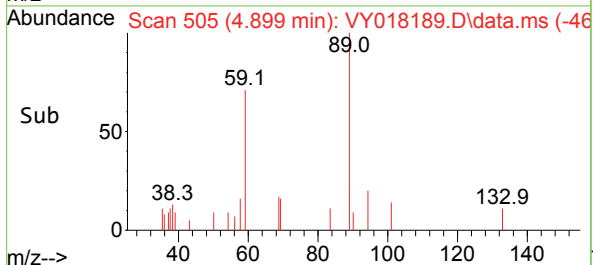
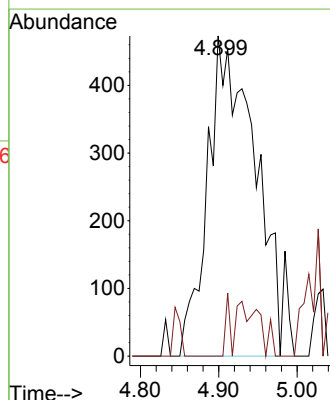
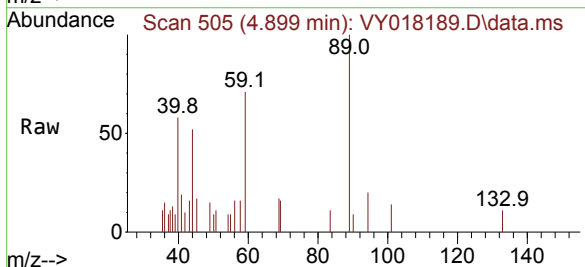
Acq: 08 May 2024 15:34

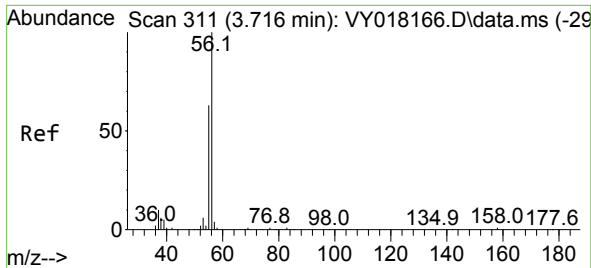
Tgt Ion: 59 Resp: 1961

Ion Ratio Lower Upper

59 100

57 1.7 3.0 4.6#

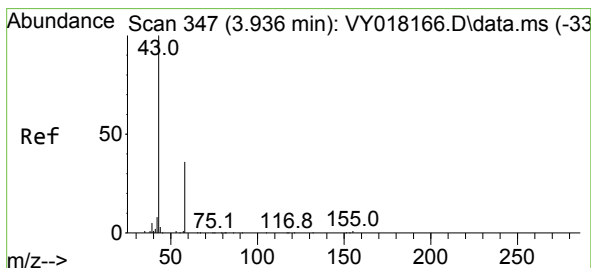
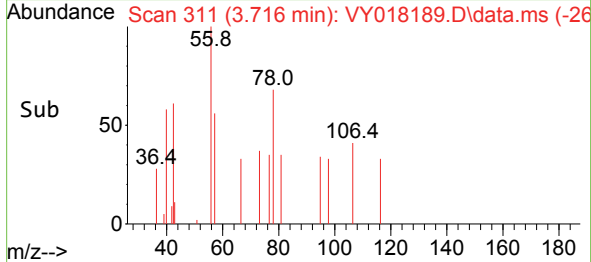
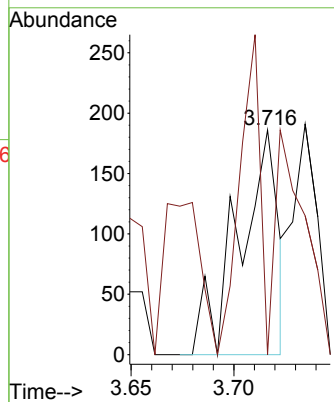
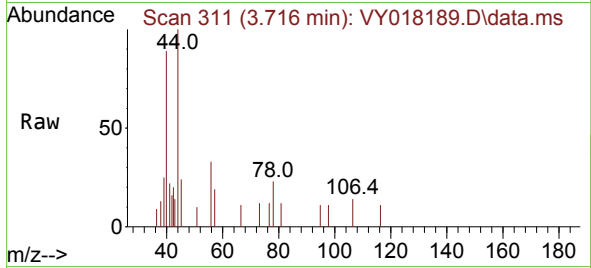




#13
Acrolein
Concen: Below Cal
RT: 3.716 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY018189.D
Acq: 08 May 2024 15:34

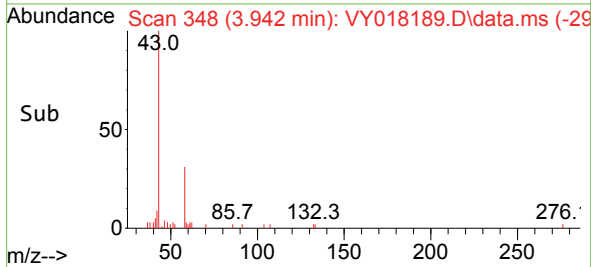
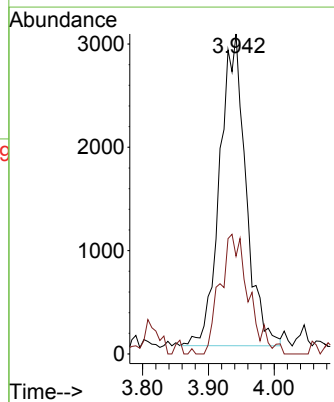
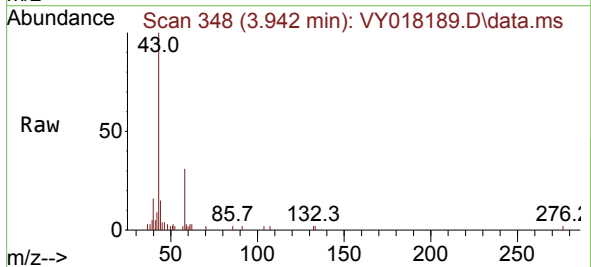
Instrument :
MSVOA_Y
ClientSampleId :

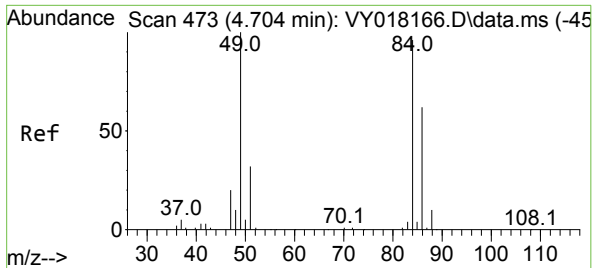
Tgt Ion: 56 Resp: 247
Ion Ratio Lower Upper
56 100
55 74.9 55.7 83.5



#16
Acetone
Concen: 31.143 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY018189.D
Acq: 08 May 2024 15:34

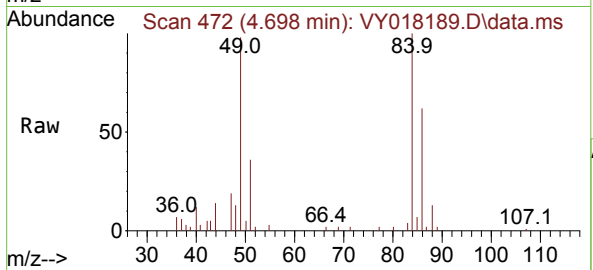
Tgt Ion: 43 Resp: 8313
Ion Ratio Lower Upper
43 100
58 28.1 31.7 47.5#



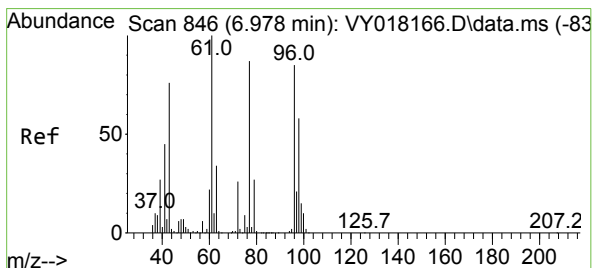
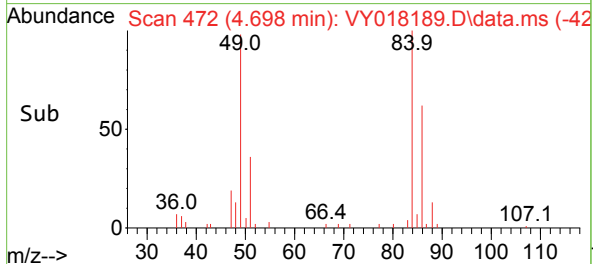
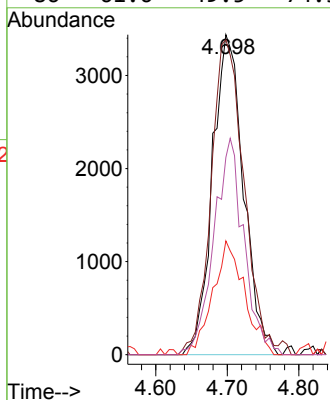


#20
Methylene Chloride
Concen: 5.496 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018189.D
Acq: 08 May 2024 15:34

Instrument :
MSVOA_Y
ClientSampleId :

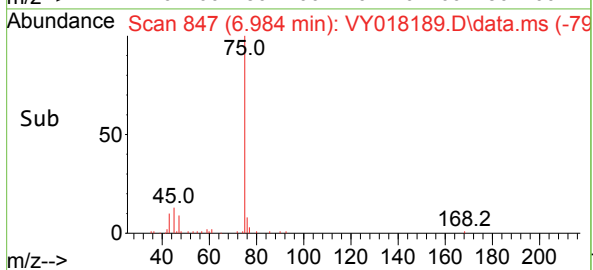
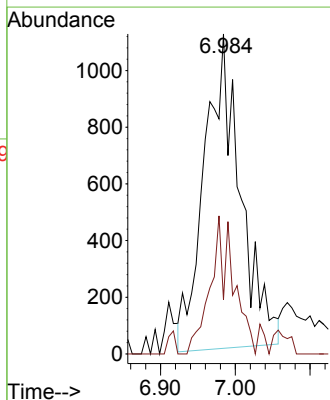
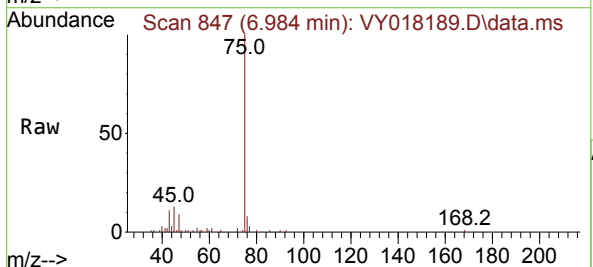


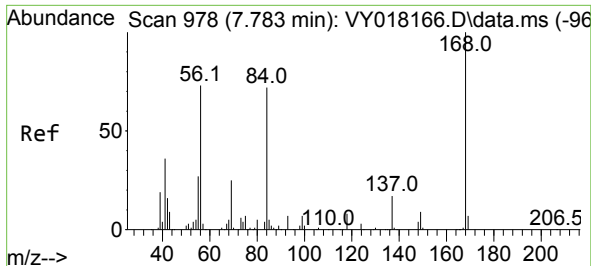
Tgt Ion:	84	Resp:	10370
Ion	Ratio	Lower	Upper
84	100		
49	98.4	84.4	126.6
51	35.5	26.0	39.0
86	61.6	49.5	74.3



#25
2-Butanone
Concen: 8.653 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY018189.D
Acq: 08 May 2024 15:34

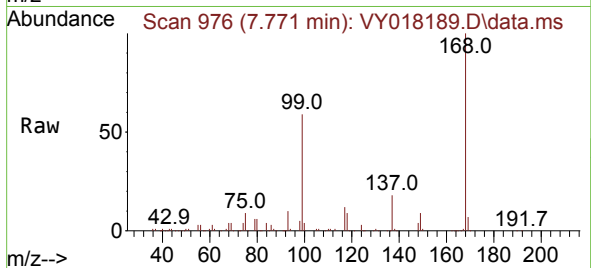
Tgt Ion:	43	Resp:	3692
Ion	Ratio	Lower	Upper
43	100		
72	18.8	27.3	40.9#



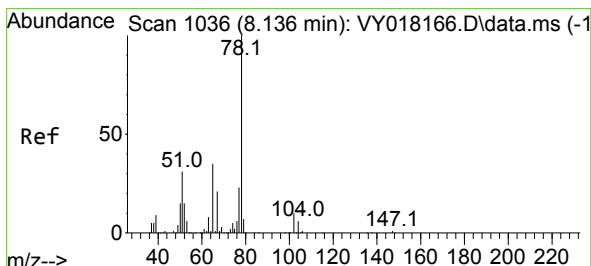
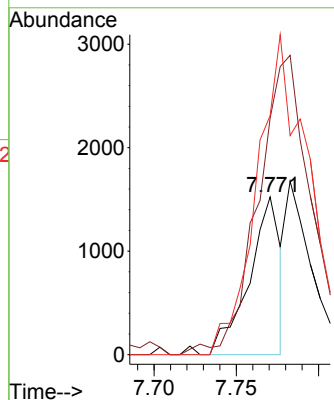
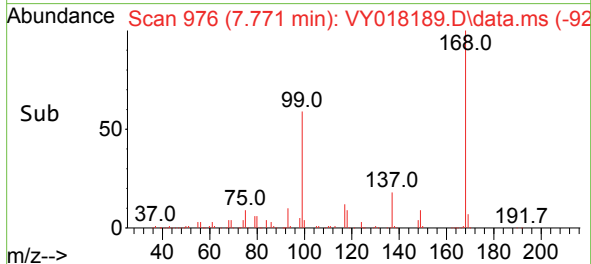


#31
Cyclohexane
Concen: Below Cal
RT: 7.771 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY018189.D
Acq: 08 May 2024 15:34

Instrument :
MSVOA_Y
ClientSampleId :

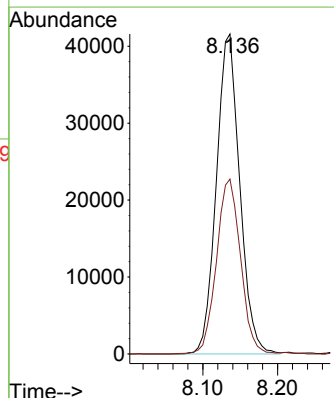
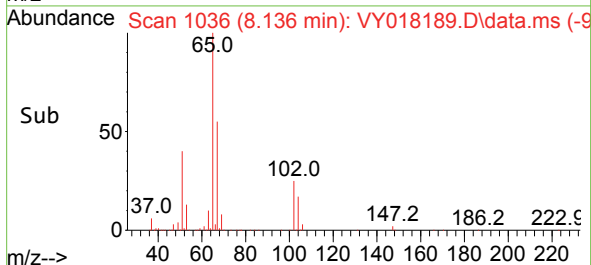
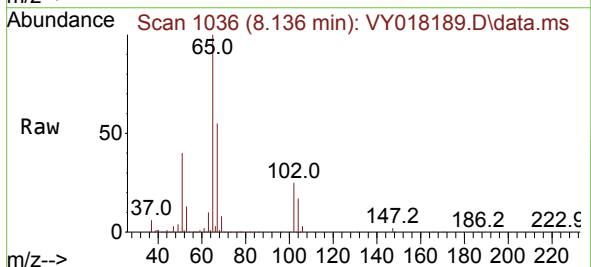


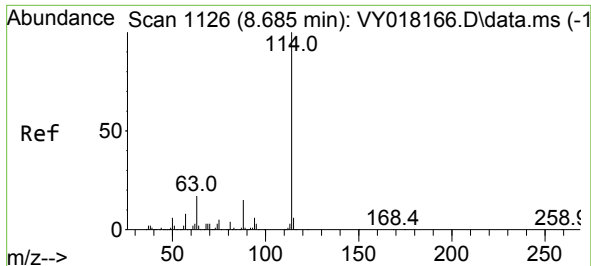
Tgt Ion: 56 Resp: 2030
Ion Ratio Lower Upper
56 100
69 149.8 28.7 43.1#
84 151.5 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 67.719 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY018189.D
Acq: 08 May 2024 15:34

Tgt Ion: 65 Resp: 90581
Ion Ratio Lower Upper
65 100
67 56.2 0.0 109.6

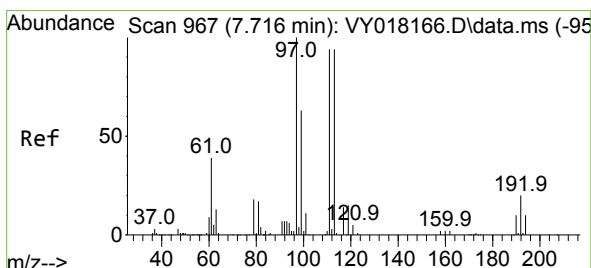
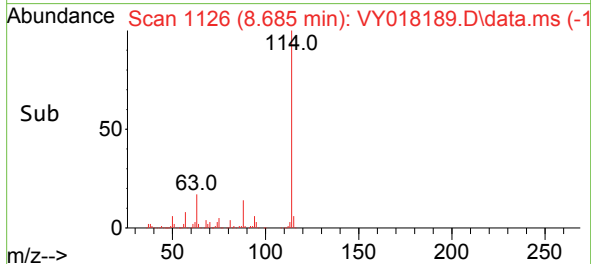
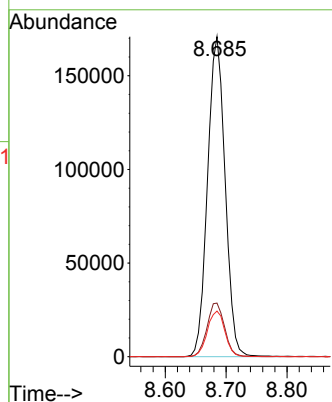
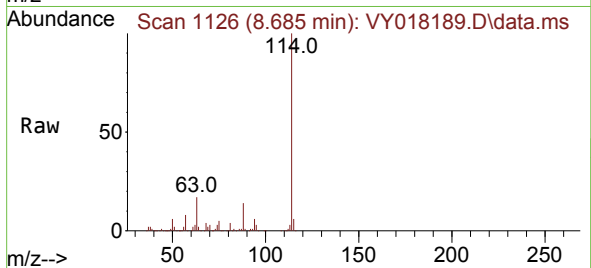




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY018189.D
Acq: 08 May 2024 15:34

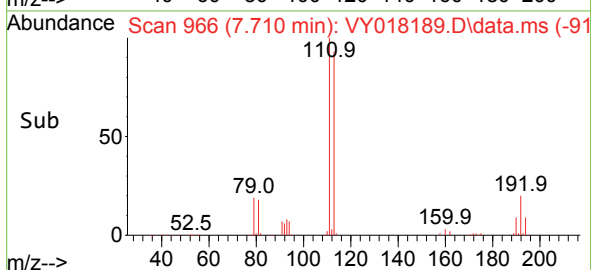
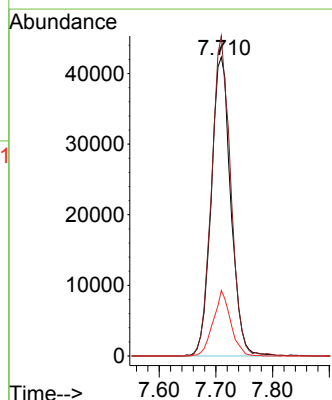
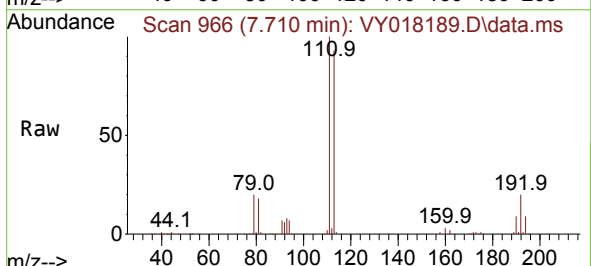
Instrument :
MSVOA_Y
ClientSampleId :

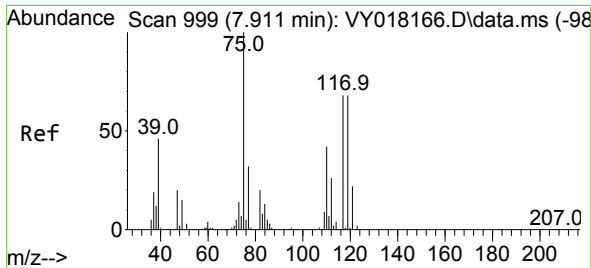
Tgt Ion:114 Resp: 341754
Ion Ratio Lower Upper
114 100
63 16.7 0.0 35.0
88 14.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 56.378 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY018189.D
Acq: 08 May 2024 15:34

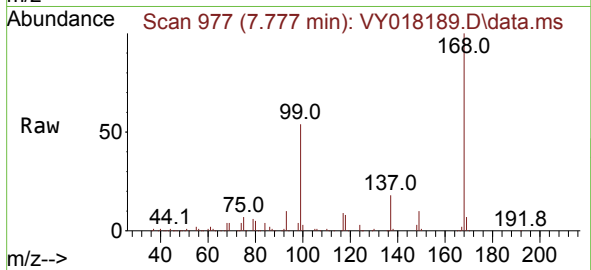
Tgt Ion:113 Resp: 101260
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 19.5 15.9 23.9



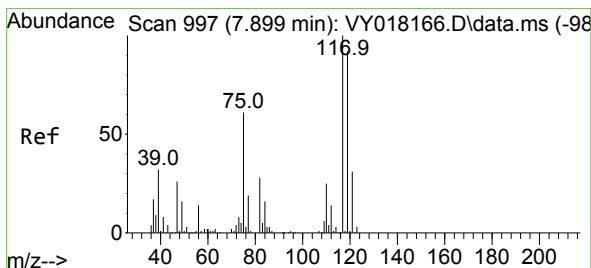
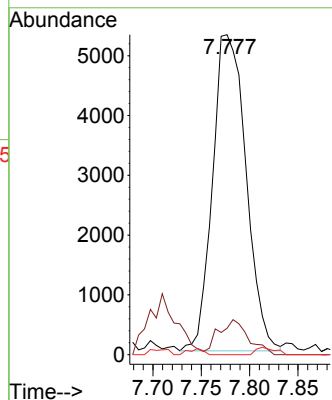
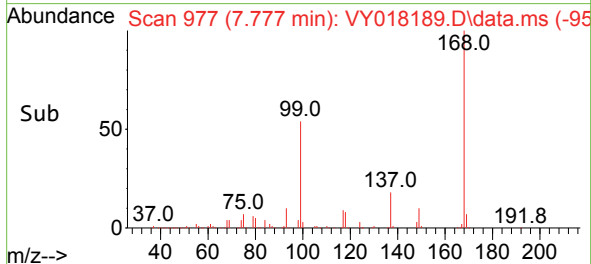


#36
1,1-Dichloropropene
Concen: 4.951 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY018189.D
Acq: 08 May 2024 15:34

Instrument :
MSVOA_Y
ClientSampleId :

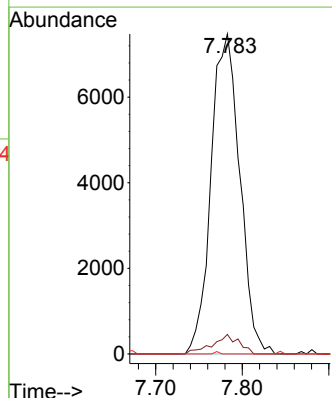
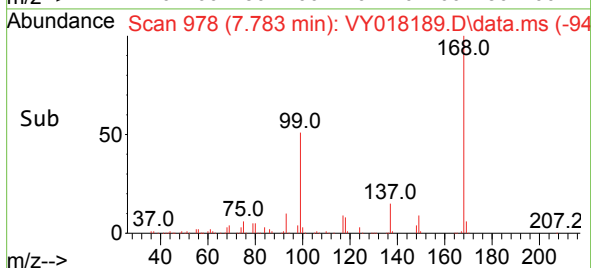
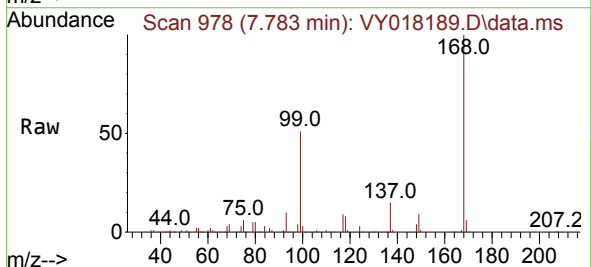


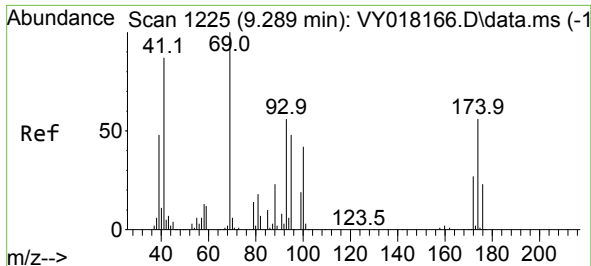
Tgt Ion: 75 Resp: 12747
Ion Ratio Lower Upper
75 100
110 9.9 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.122 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY018189.D
Acq: 08 May 2024 15:34

Tgt Ion: 117 Resp: 17224
Ion Ratio Lower Upper
117 100
119 6.1 75.8 113.6#
121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 1.447 ug/l

RT: 9.173 min Scan# 11

Delta R.T. -0.116 min

Lab File: VY018189.D

Acq: 08 May 2024 15:34

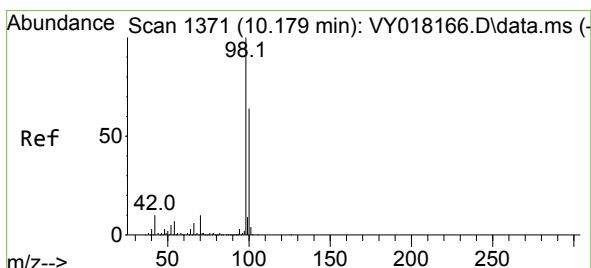
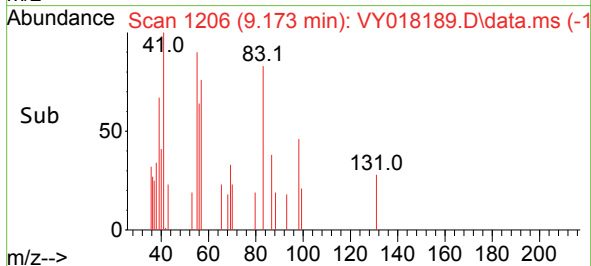
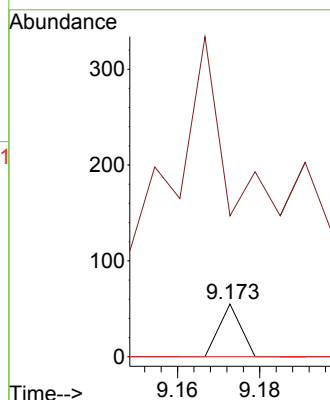
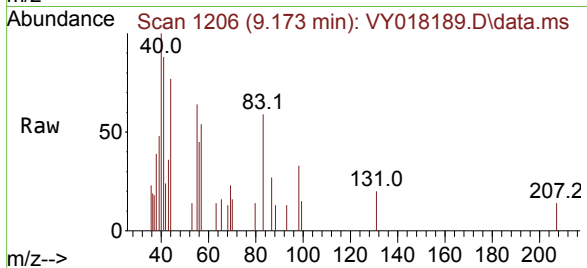
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 88 Resp: 20

Ion	Ratio	Lower	Upper
88	100		
43	1445.0	0.0	0.0#
58	0.0	49.3	73.9#



#50

Toluene-d8

Concen: 53.948 ug/l

RT: 10.173 min Scan# 1370

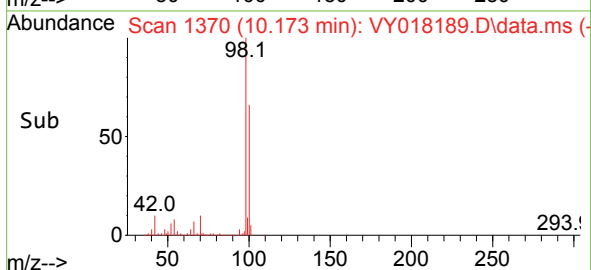
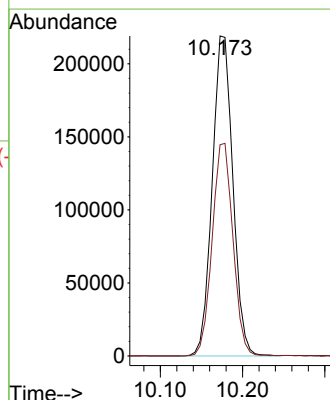
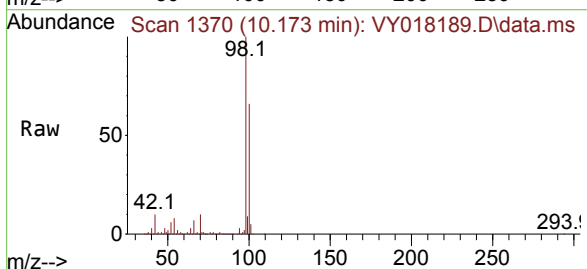
Delta R.T. -0.006 min

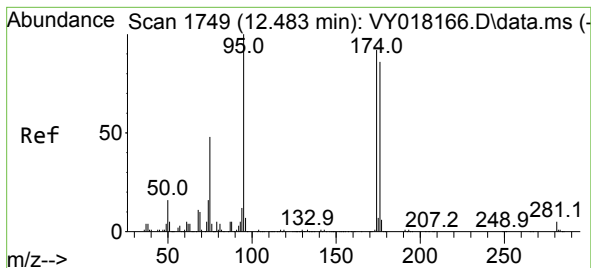
Lab File: VY018189.D

Acq: 08 May 2024 15:34

Tgt Ion: 98 Resp: 381828

Ion	Ratio	Lower	Upper
98	100		
100	67.0	52.0	78.0





#62

4-Bromofluorobenzene

Concen: 53.002 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY018189.D

Acq: 08 May 2024 15:34

Instrument :

MSVOA_Y

ClientSampleId :

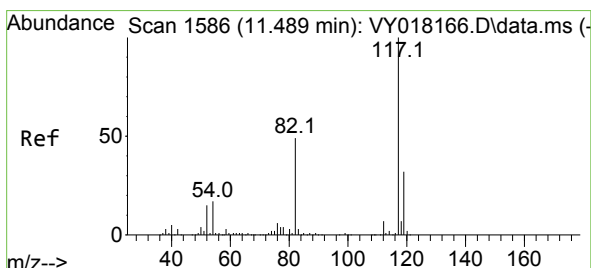
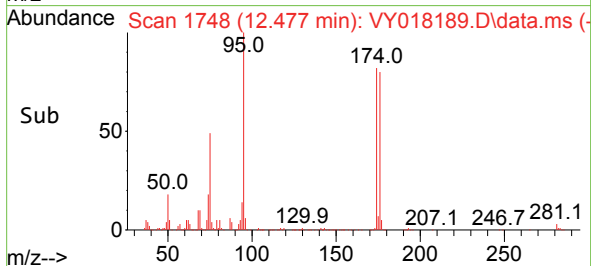
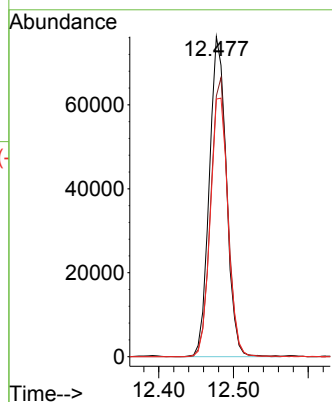
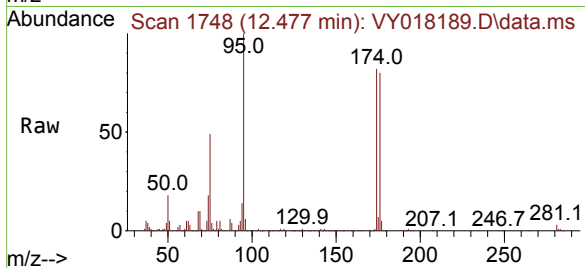
Tgt Ion: 95 Resp: 121146

Ion Ratio Lower Upper

95 100

174 86.8 0.0 175.6

176 84.2 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: VY018189.D

Acq: 08 May 2024 15:34

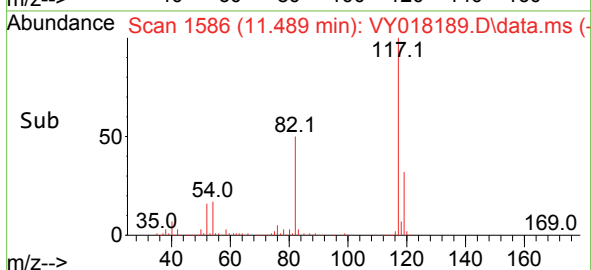
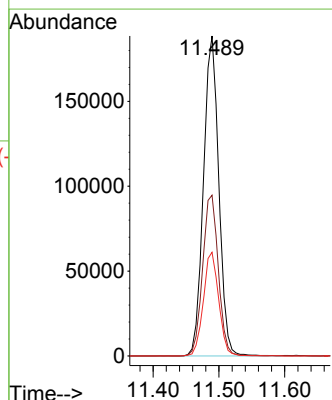
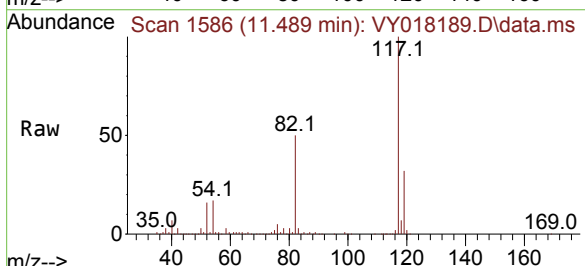
Tgt Ion: 117 Resp: 305648

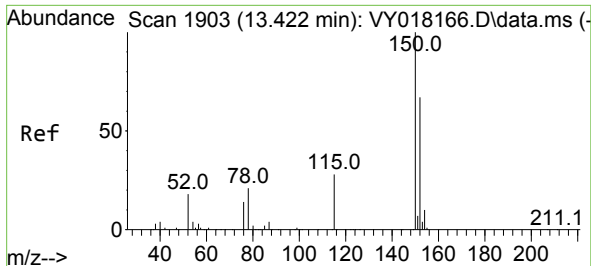
Ion Ratio Lower Upper

117 100

82 50.2 42.4 63.6

119 32.4 25.9 38.9

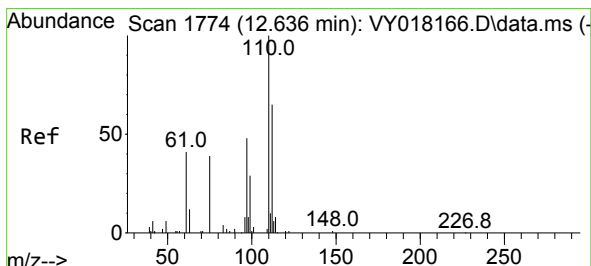
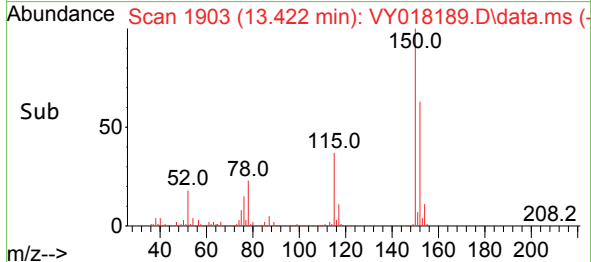
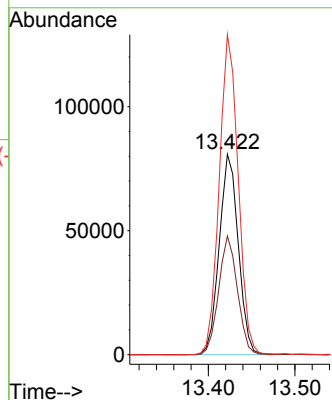
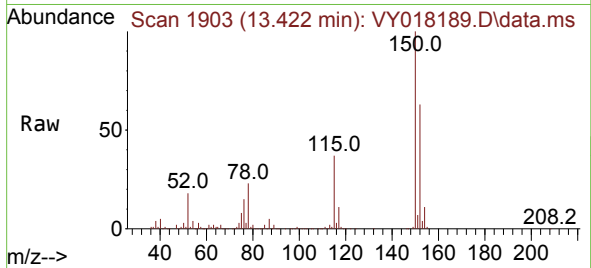




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY018189.D
 Acq: 08 May 2024 15:34

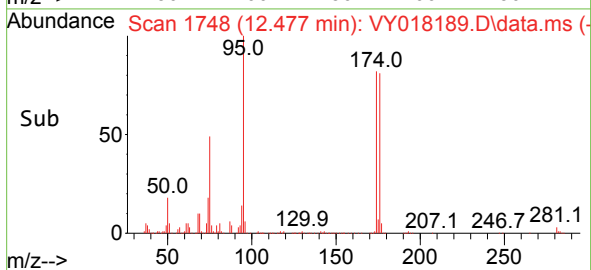
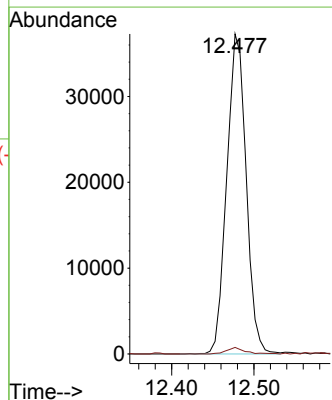
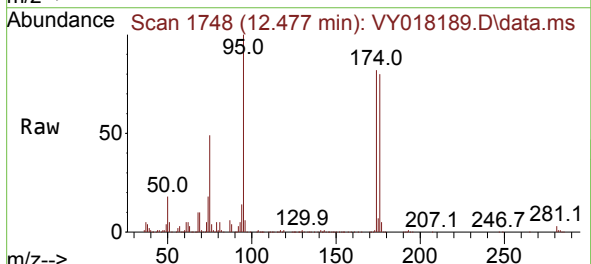
Instrument :
 MSVOA_Y
 ClientSampleId :

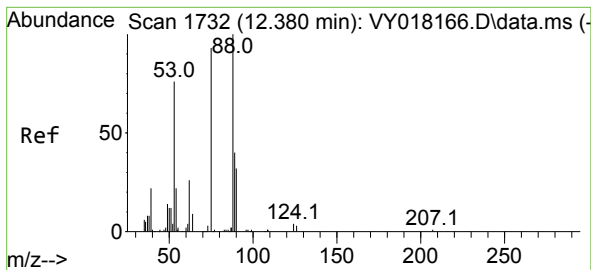
Tgt Ion:152 Resp: 123560
 Ion Ratio Lower Upper
 152 100
 115 58.3 28.2 84.7
 150 159.0 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 61.804 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.159 min
 Lab File: VY018189.D
 Acq: 08 May 2024 15:34

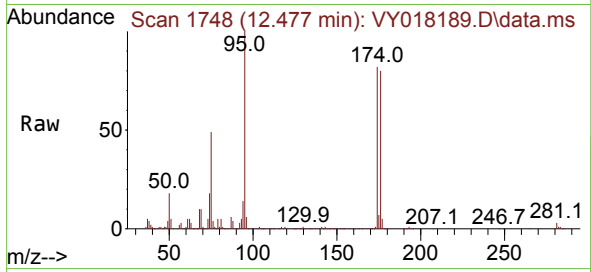
Tgt Ion: 75 Resp: 61125
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 119.075 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY018189.D
 Acq: 08 May 2024 15:34

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 61125
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.8 100.2#
 89 0.0 35.8 53.6#

