

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050924\
 Data File : VY018209.D
 Acq On : 09 May 2024 14:08
 Operator : SY/MD
 Sample : P2414-01
 Misc : 4.50g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 10 01:17:47 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)

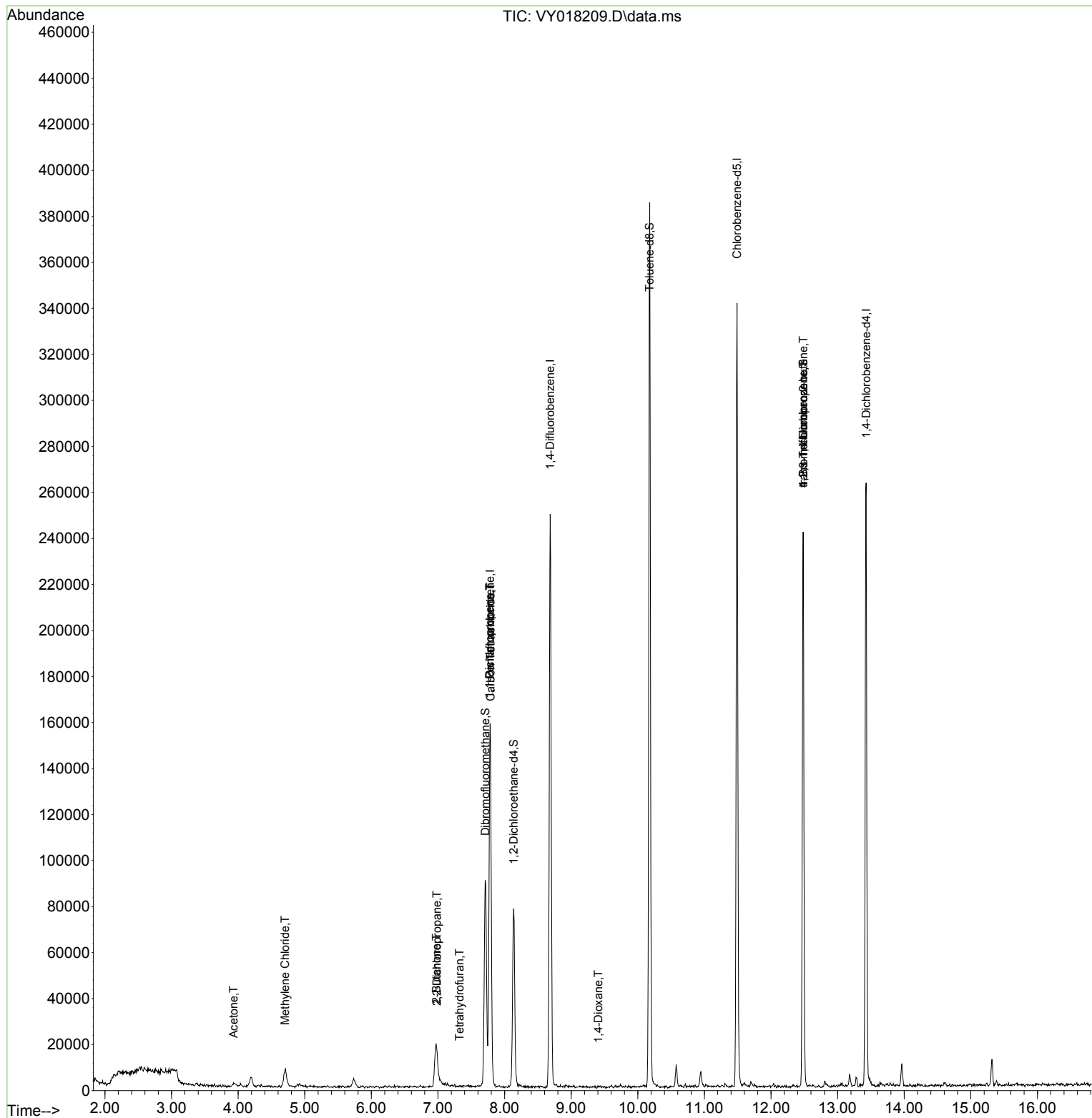
Internal Standards						
1) Pentafluorobenzene	7.783	168	128340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	231335	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	192916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	57158	60.539	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.080%	
35) Dibromofluoromethane	7.710	113	65974	54.265	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.540%	
50) Toluene-d8	10.179	98	259682	54.203	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.400%	
62) 4-Bromofluorobenzene	12.483	95	75122	48.554	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.100%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	386	Below Cal	#	73
13) Acrolein	3.710	56	48	Below Cal	#	60
16) Acetone	3.930	43	2426	12.876	ug/l #	80
20) Methylene Chloride	4.704	84	5721	4.296	ug/l	87
25) 2-Butanone	6.978	43	418	1.388	ug/l #	73
26) 2,2-Dichloropropane	6.984	77	2068	1.108	ug/l #	56
29) Tetrahydrofuran	7.326	42	241	1.212	ug/l #	36
31) Cyclohexane	7.783	56	2991	Below Cal	#	28
36) 1,1-Dichloropropene	7.777	75	9428	5.409	ug/l #	40
38) Carbon Tetrachloride	7.789	117	12687	6.662	ug/l #	17
49) 1,4-Dioxane	9.404	88	67	7.164	ug/l #	77
76) 1,2,3-Trichloropropane	12.483	75	36518	64.816	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	36518	124.879	ug/l #	16

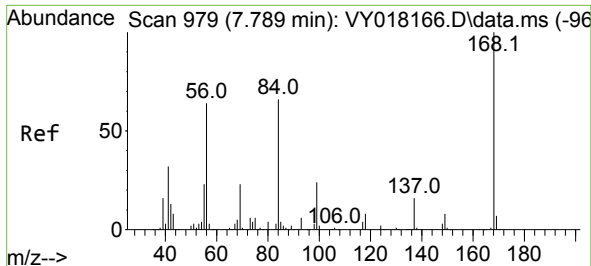
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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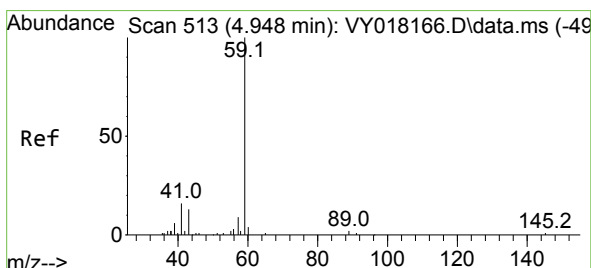
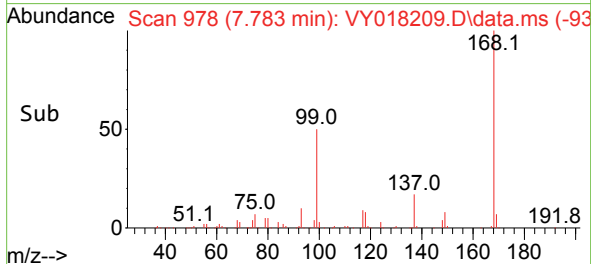
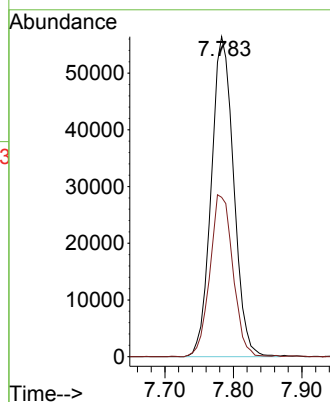
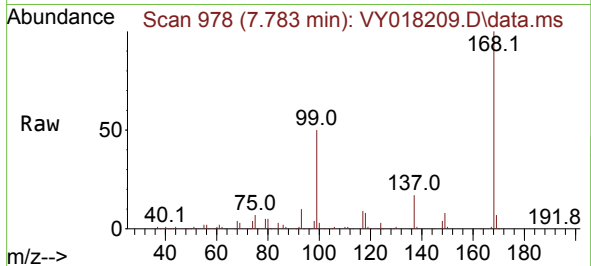




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018209.D
Acq: 09 May 2024 14:08

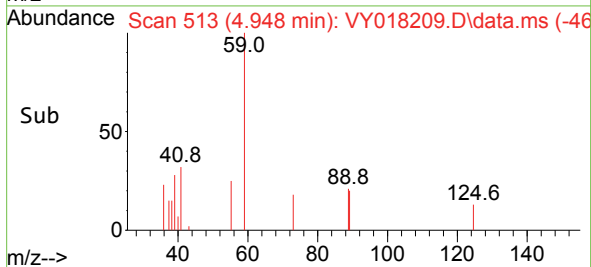
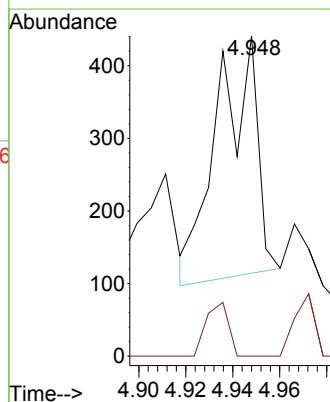
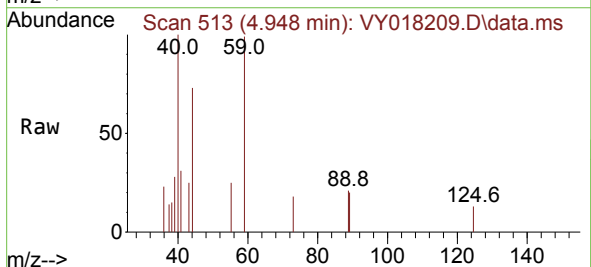
Instrument :
MSVOA_Y
ClientSampleId :

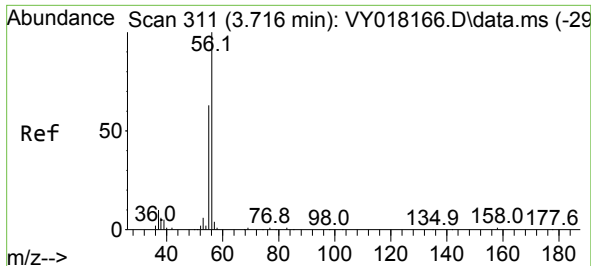
Tgt Ion:168 Resp: 128340
Ion Ratio Lower Upper
168 100
99 49.8 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY018209.D
Acq: 09 May 2024 14:08

Tgt Ion: 59 Resp: 386
Ion Ratio Lower Upper
59 100
57 12.7 3.0 4.6#

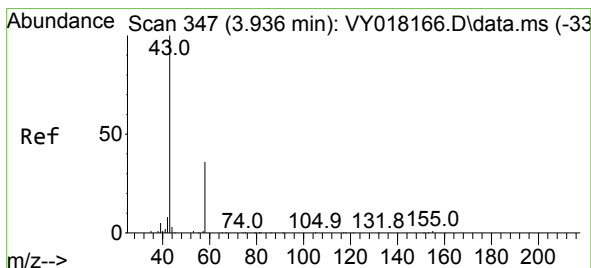
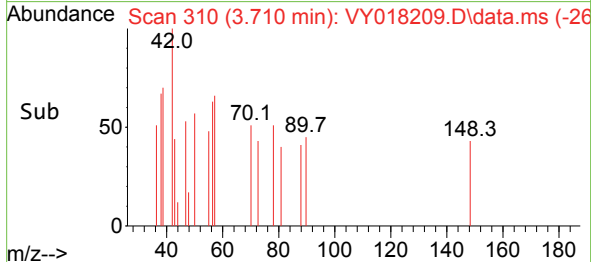
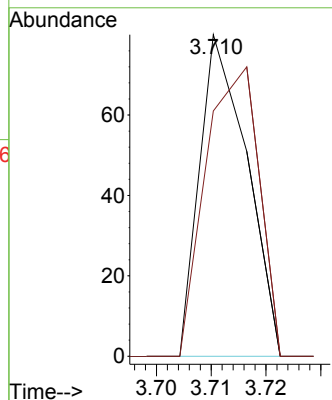
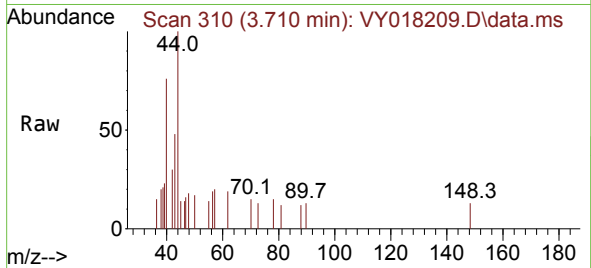




#13
Acrolein
Concen: Below Cal
RT: 3.710 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY018209.D
Acq: 09 May 2024 14:08

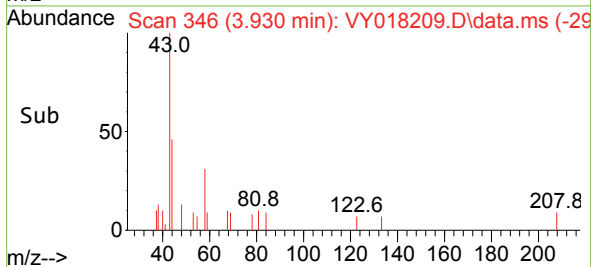
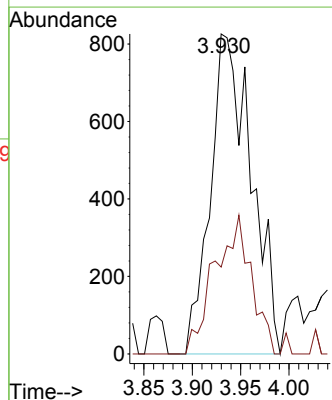
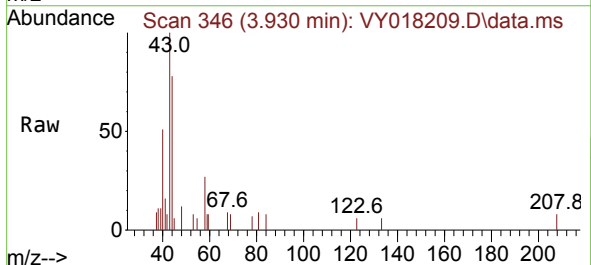
Instrument :
MSVOA_Y
ClientSampleId :

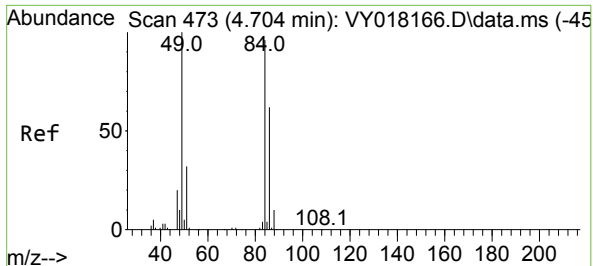
Tgt Ion: 56 Resp: 48
Ion Ratio Lower Upper
56 100
55 102.1 55.7 83.5#



#16
Acetone
Concen: 12.876 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY018209.D
Acq: 09 May 2024 14:08

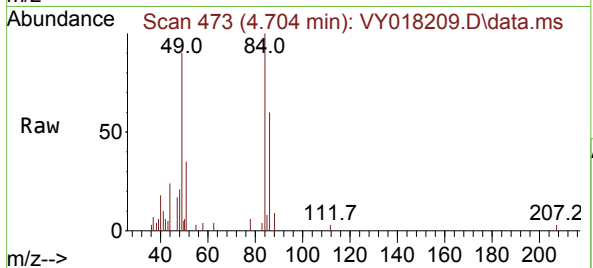
Tgt Ion: 43 Resp: 2426
Ion Ratio Lower Upper
43 100
58 27.1 31.7 47.5#



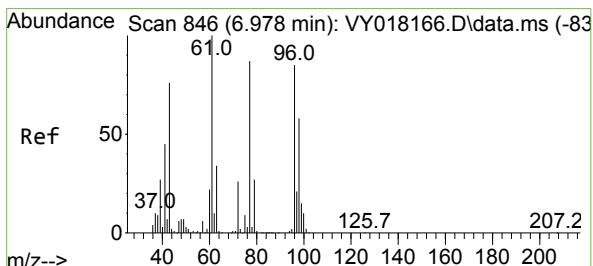
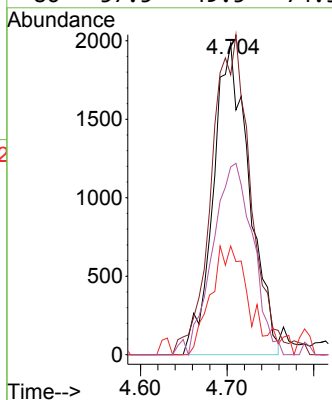
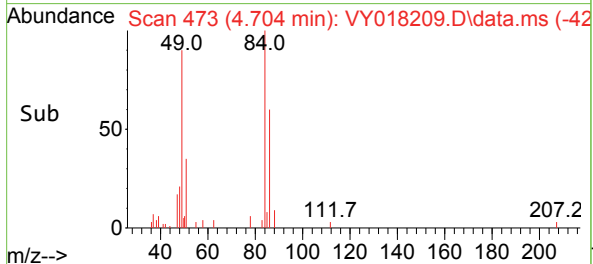


#20
Methylene Chloride
Concen: 4.296 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY018209.D
Acq: 09 May 2024 14:08

Instrument :
MSVOA_Y
ClientSampleId :

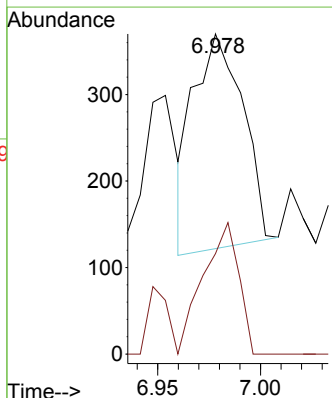
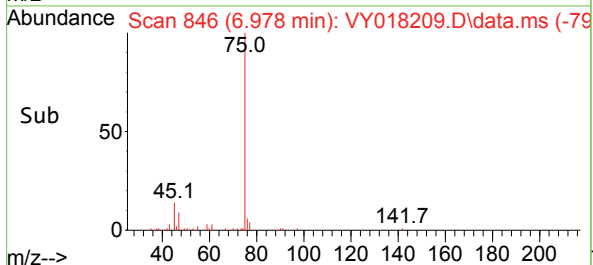
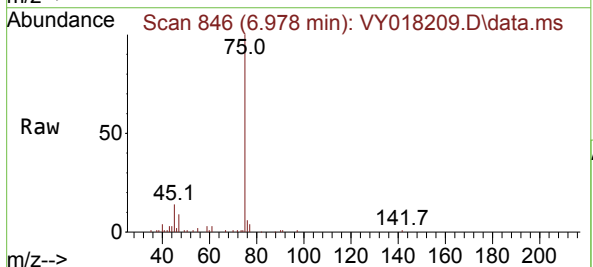


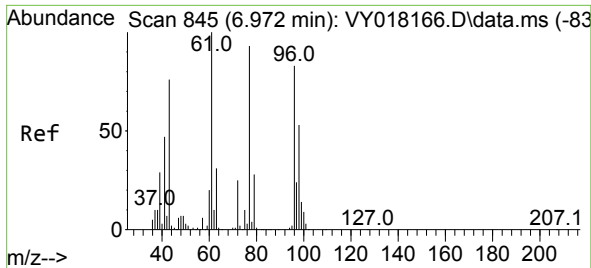
Tgt Ion:	84	Resp:	5721
Ion	Ratio	Lower	Upper
84	100		
49	85.1	84.4	126.6
51	34.9	26.0	39.0
86	57.5	49.5	74.3



#25
2-Butanone
Concen: 1.388 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY018209.D
Acq: 09 May 2024 14:08

Tgt Ion:	43	Resp:	418
Ion	Ratio	Lower	Upper
43	100		
72	49.4	27.3	40.9#





#26

2,2-Dichloropropane

Concen: 1.108 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.012 min

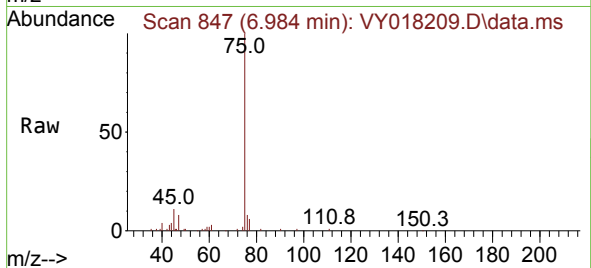
Lab File: VY018209.D

Acq: 09 May 2024 14:08

Instrument :

MSVOA_Y

ClientSampleId :

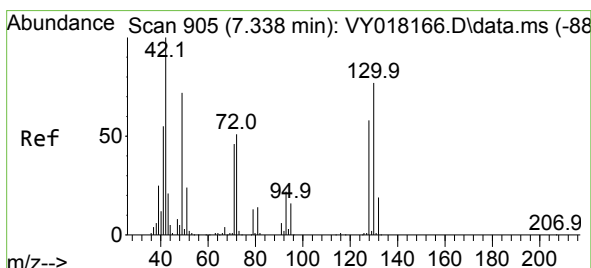
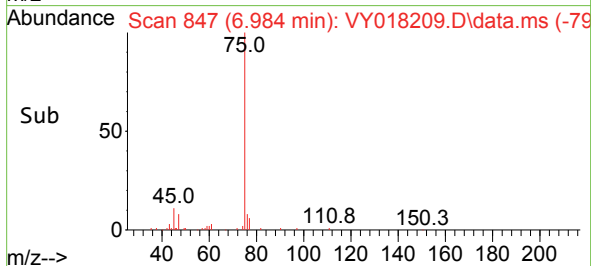
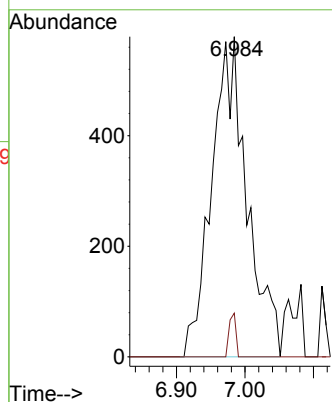


Tgt Ion: 77 Resp: 2068

Ion Ratio Lower Upper

77 100

97 2.6 12.0 36.1#



#29

Tetrahydrofuran

Concen: 1.212 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.012 min

Lab File: VY018209.D

Acq: 09 May 2024 14:08

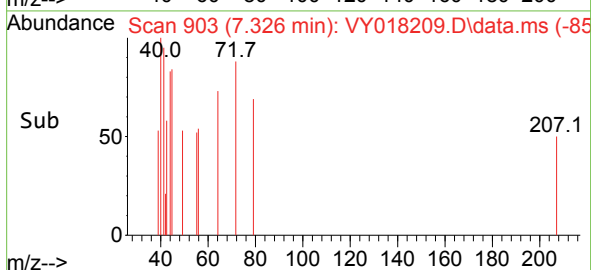
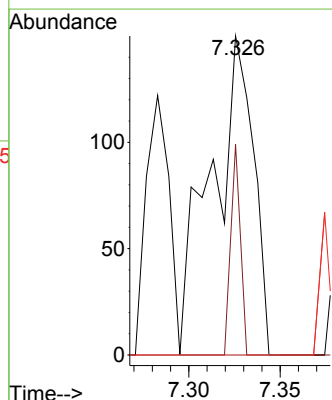
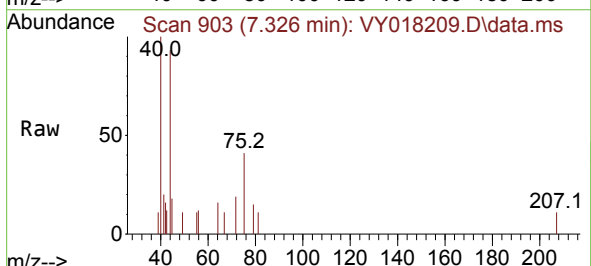
Tgt Ion: 42 Resp: 241

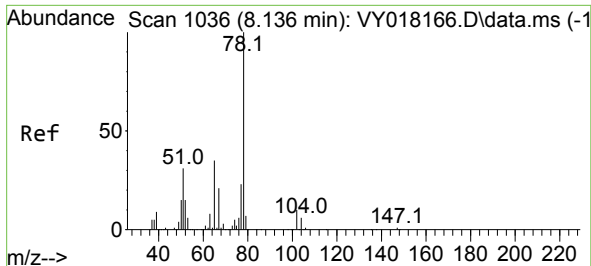
Ion Ratio Lower Upper

42 100

72 14.9 43.0 64.4#

71 0.0 40.8 61.2#

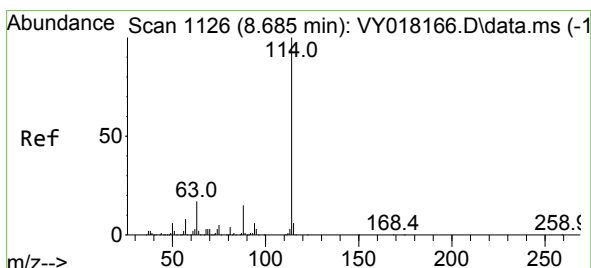
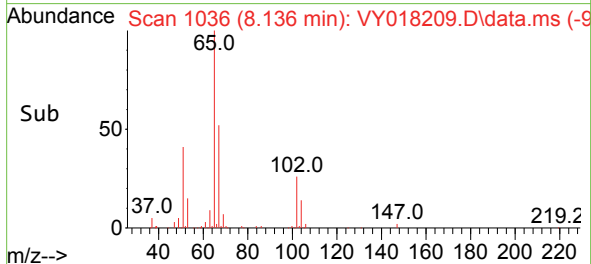
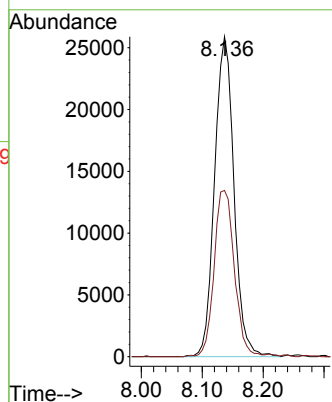
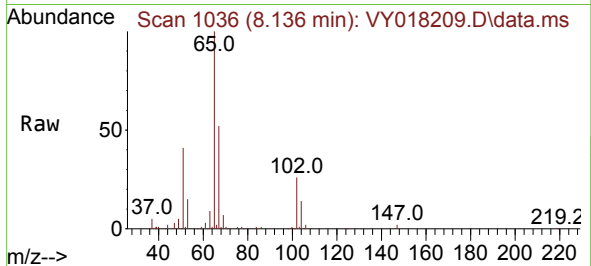




#33
 1,2-Dichloroethane-d4
 Concen: 60.539 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY018209.D
 Acq: 09 May 2024 14:08

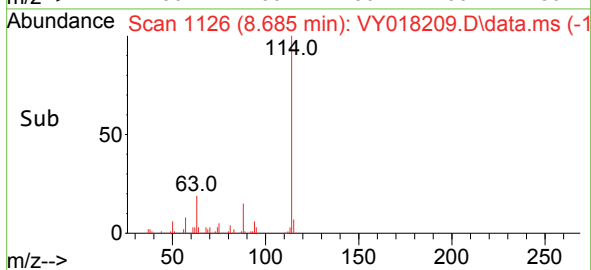
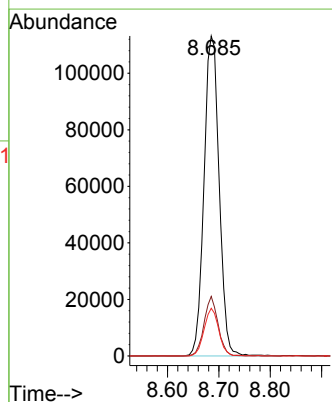
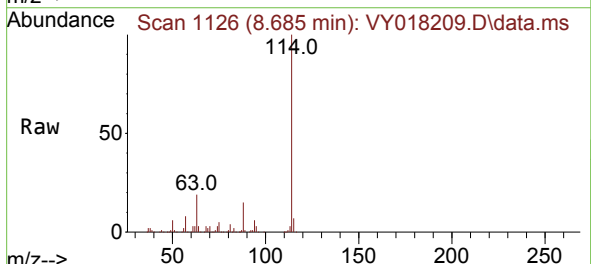
Instrument :
 MSVOA_Y
 ClientSampleId :

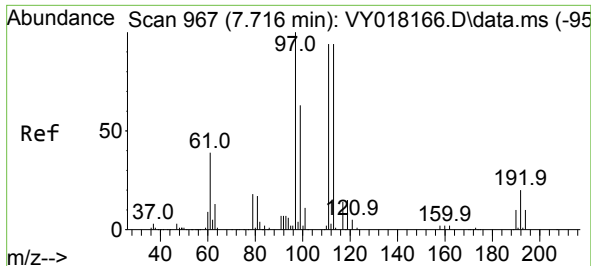
Tgt Ion: 65 Resp: 57158
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY018209.D
 Acq: 09 May 2024 14:08

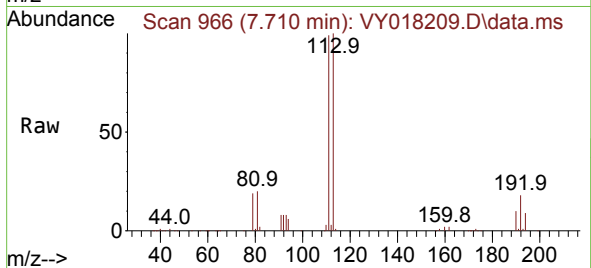
Tgt Ion: 114 Resp: 231335
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 35.0
 88 14.9 0.0 27.2



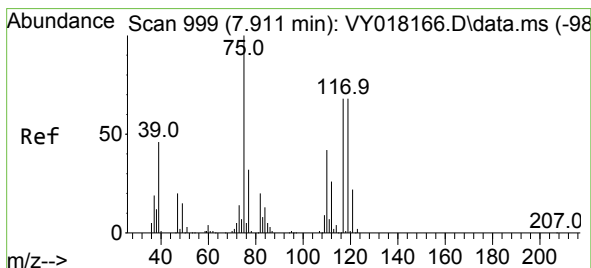
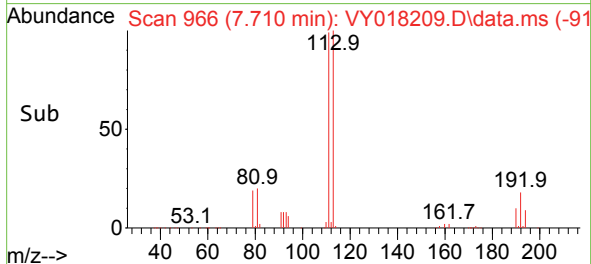
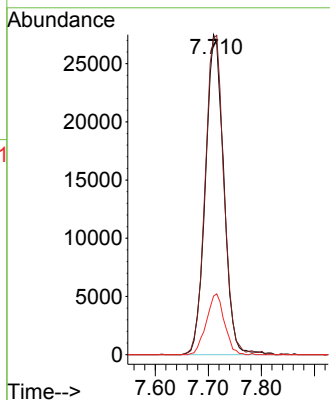


#35
Dibromofluoromethane
Concen: 54.265 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY018209.D
Acq: 09 May 2024 14:08

Instrument :
MSVOA_Y
ClientSampleId :

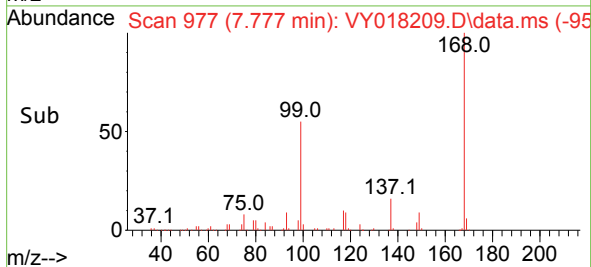
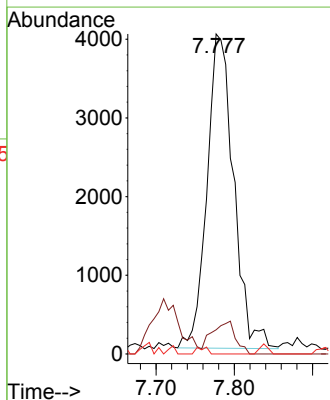
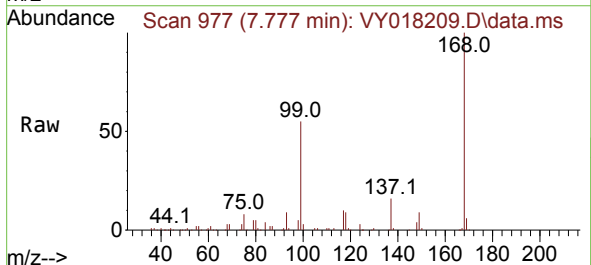


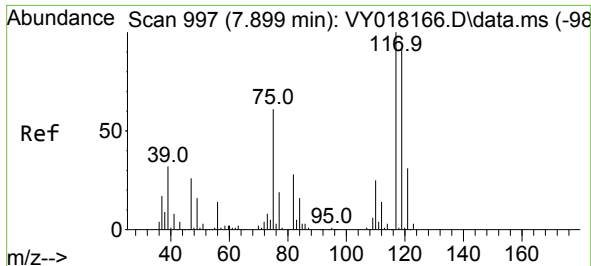
Tgt Ion:113 Resp: 65974
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 18.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.409 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY018209.D
Acq: 09 May 2024 14:08

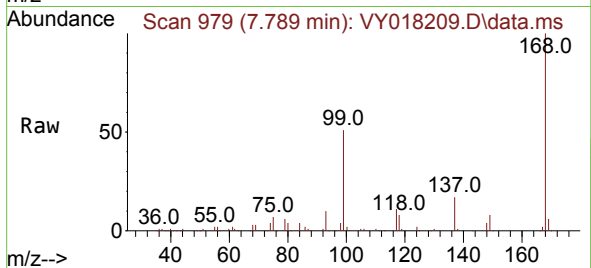
Tgt Ion: 75 Resp: 9428
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.9 25.3 37.9#



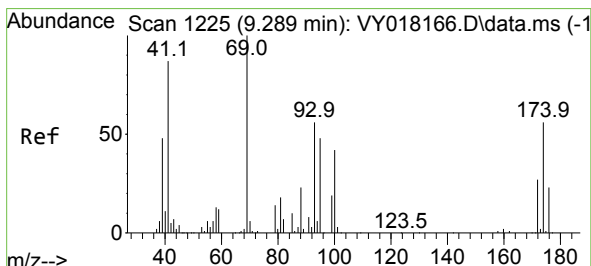
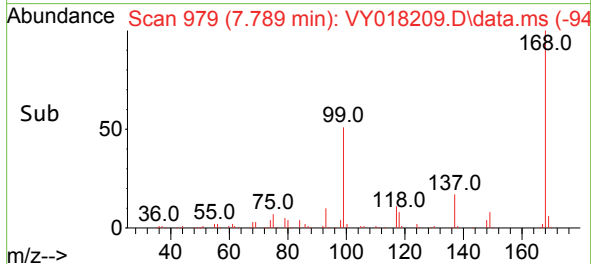
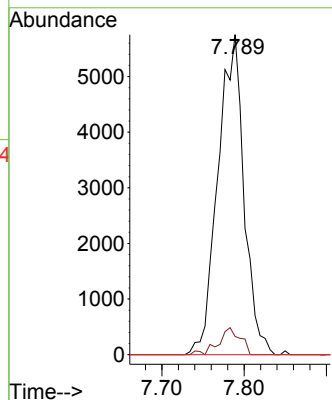


#38
Carbon Tetrachloride
Concen: 6.662 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018209.D
Acq: 09 May 2024 14:08

Instrument :
MSVOA_Y
ClientSampleId :

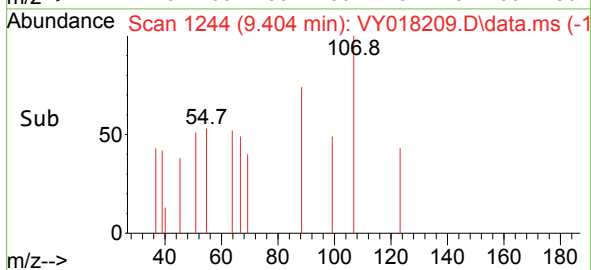
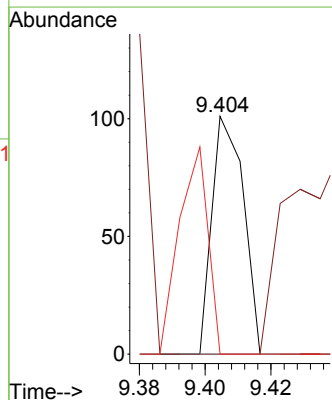
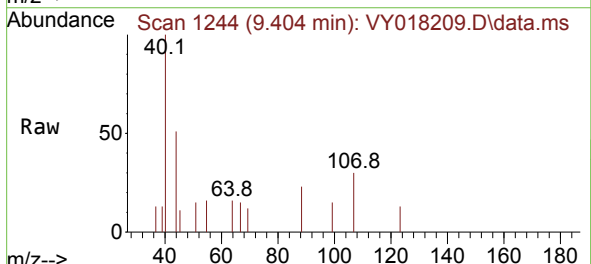


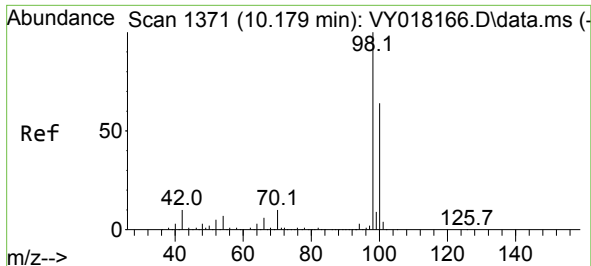
Tgt Ion:117 Resp: 12687
Ion Ratio Lower Upper
117 100
119 5.7 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 7.164 ug/l
RT: 9.404 min Scan# 1244
Delta R.T. 0.116 min
Lab File: VY018209.D
Acq: 09 May 2024 14:08

Tgt Ion: 88 Resp: 67
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 79.1 49.3 73.9#

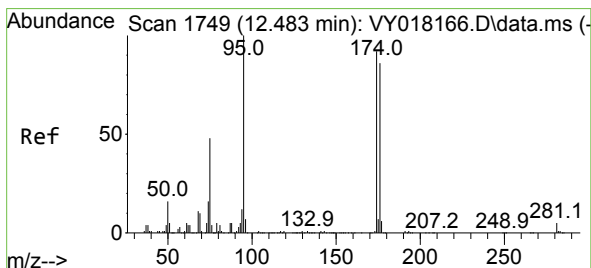
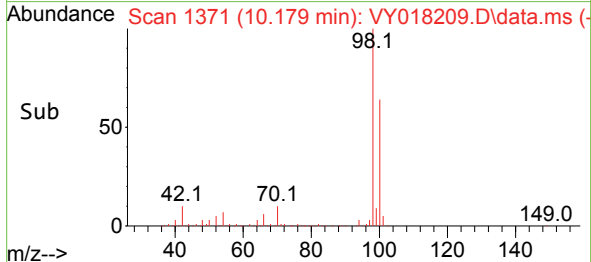
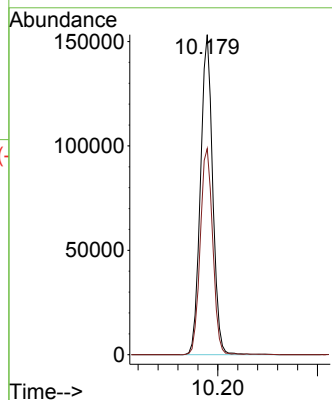
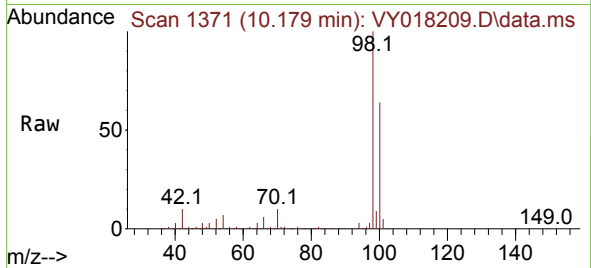




#50
Toluene-d8
Concen: 54.203 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018209.D
Acq: 09 May 2024 14:08

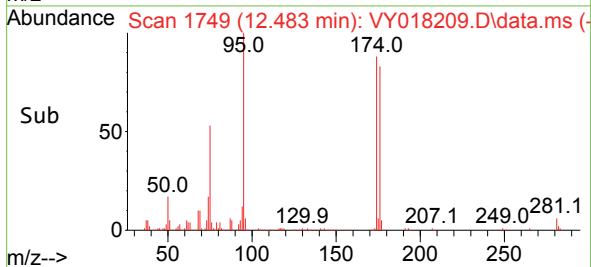
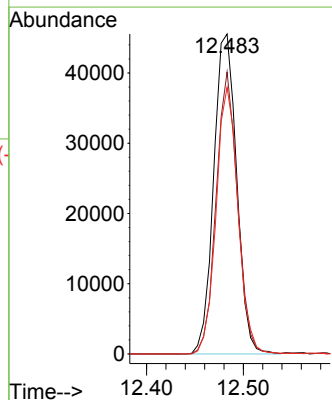
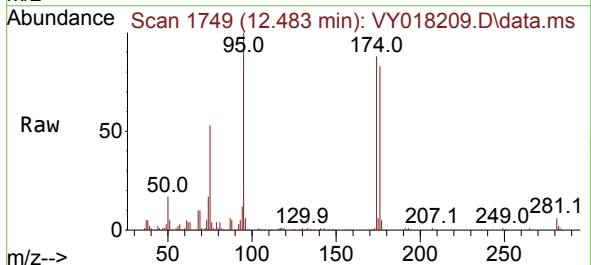
Instrument :
MSVOA_Y
ClientSampleId :

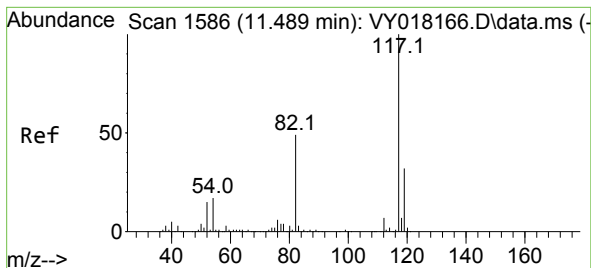
Tgt Ion: 98 Resp: 259682
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.554 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018209.D
Acq: 09 May 2024 14:08

Tgt Ion: 95 Resp: 75122
Ion Ratio Lower Upper
95 100
174 82.1 0.0 175.6
176 79.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018209.D

Acq: 09 May 2024 14:08

Instrument :

MSVOA_Y

ClientSampleId :

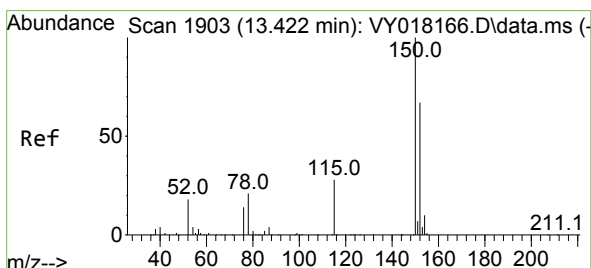
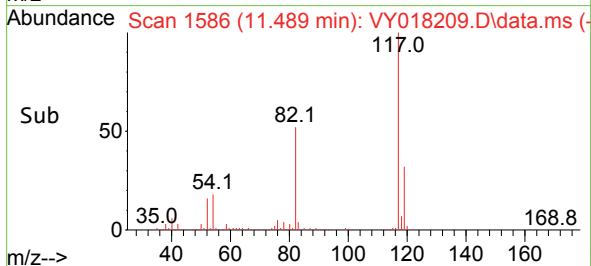
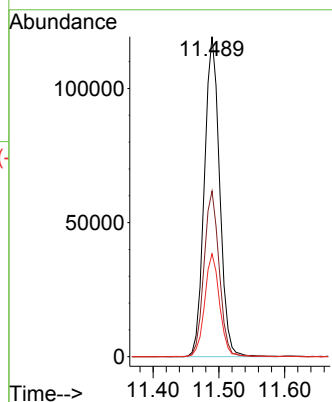
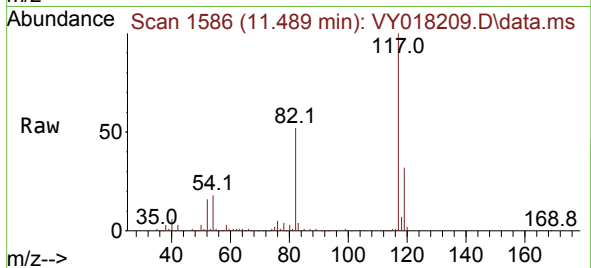
Tgt Ion:117 Resp: 192916

Ion Ratio Lower Upper

117 100

82 51.7 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# 1904

Delta R.T. 0.006 min

Lab File: VY018209.D

Acq: 09 May 2024 14:08

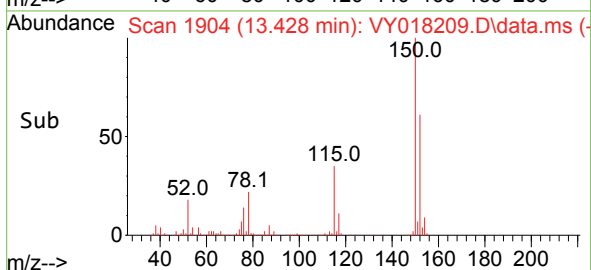
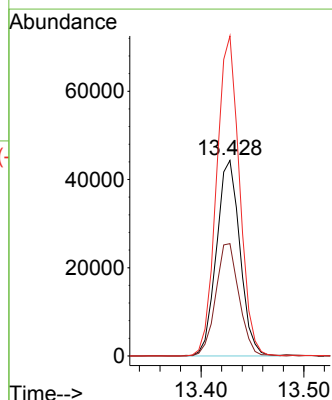
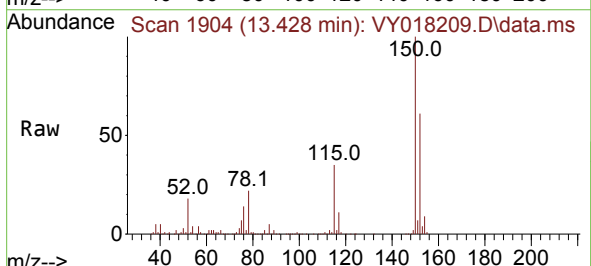
Tgt Ion:152 Resp: 70388

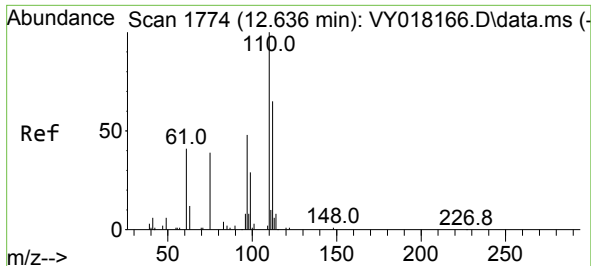
Ion Ratio Lower Upper

152 100

115 57.2 28.2 84.7

150 159.4 0.0 345.6

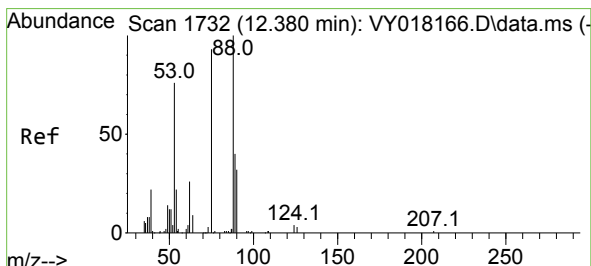
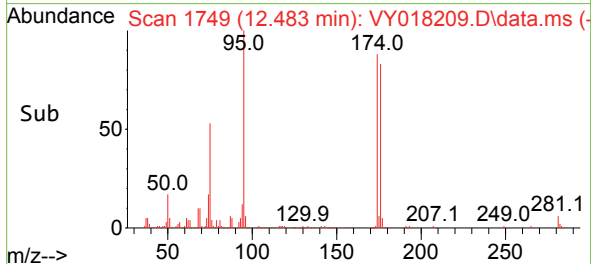
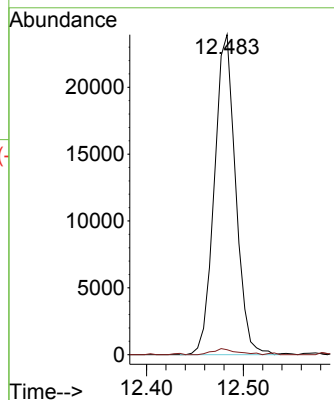
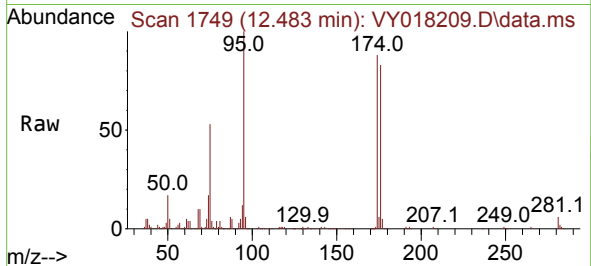




#76
1,2,3-Trichloropropane
Concen: 64.816 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY018209.D
Acq: 09 May 2024 14:08

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 36518
Ion Ratio Lower Upper
75 100
77 2.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 124.879 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY018209.D
Acq: 09 May 2024 14:08

Tgt Ion: 75 Resp: 36518
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 35.8 53.6#

