

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050924\
 Data File : VY018210.D
 Acq On : 09 May 2024 15:18
 Operator : SY/MD
 Sample : P2408-04
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 10 01:18:14 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)

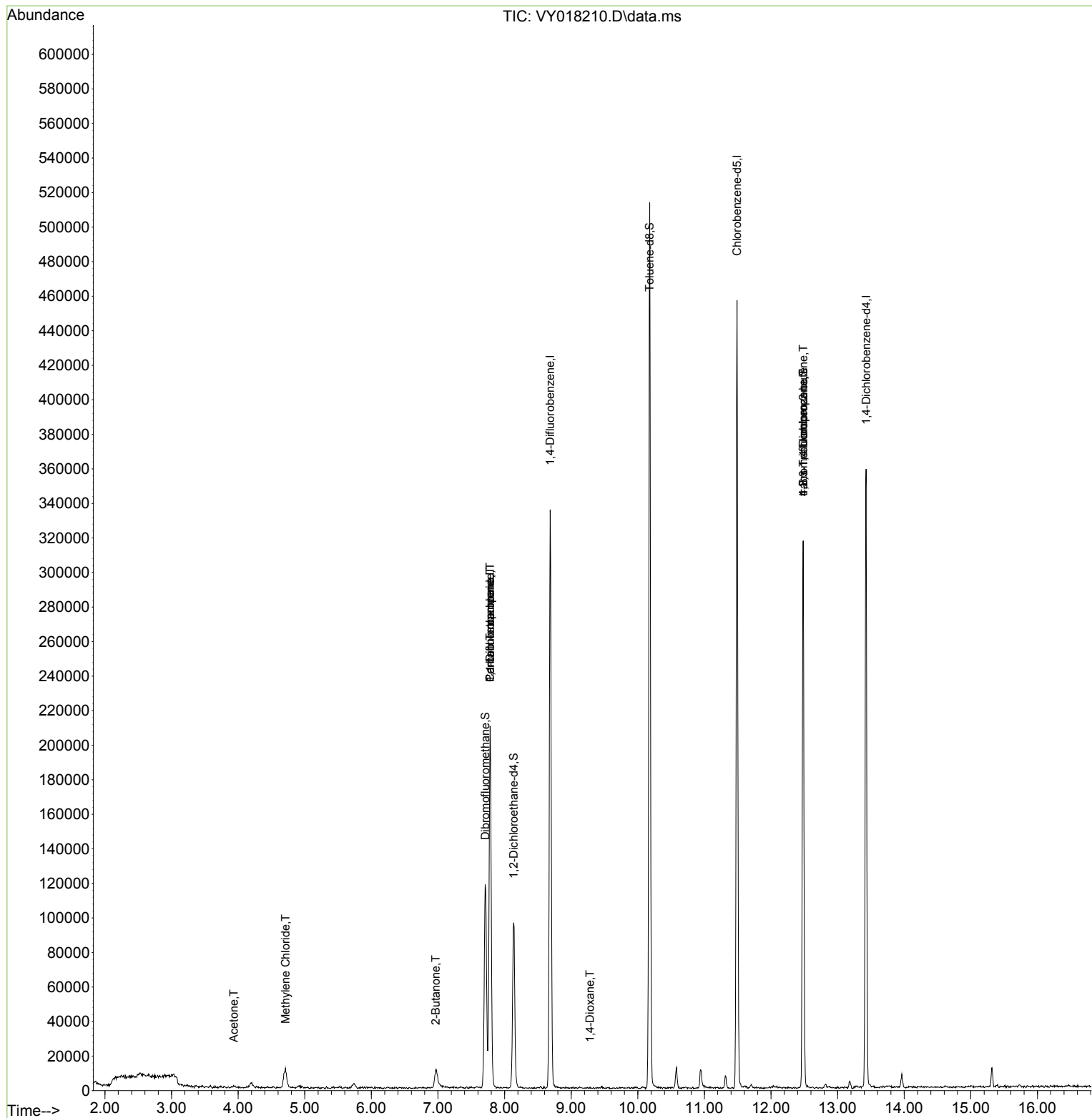
Internal Standards						
1) Pentafluorobenzene	7.782	168	162543	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	300730	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	257086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	71499	59.793	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.580%	
35) Dibromofluoromethane	7.709	113	84777	53.640	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.280%	
50) Toluene-d8	10.178	98	335379	53.850	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.700%	
62) 4-Bromofluorobenzene	12.483	95	98141	48.795	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.580%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	279	Below Cal	#	89
13) Acrolein	3.716	56	53	Below Cal	#	1
16) Acetone	3.936	43	1599	6.701	ug/l #	83
20) Methylene Chloride	4.710	84	8866	5.256	ug/l #	82
25) 2-Butanone	6.966	43	719	1.885	ug/l #	71
31) Cyclohexane	7.782	56	3288	Below Cal	#	8
36) 1,1-Dichloropropene	7.782	75	12410	5.477	ug/l #	49
38) Carbon Tetrachloride	7.782	117	15487	6.256	ug/l #	16
49) 1,4-Dioxane	9.282	88	27	2.221	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	48964	64.358	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	48964	123.996	ug/l #	16

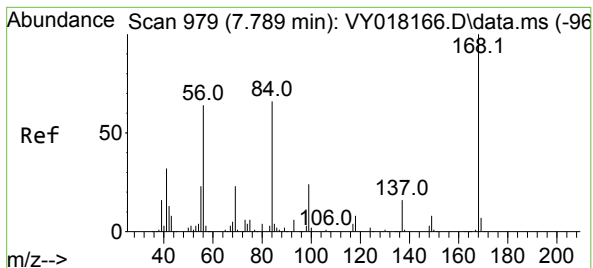
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050924\
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Quant Time: May 10 01:18:14 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

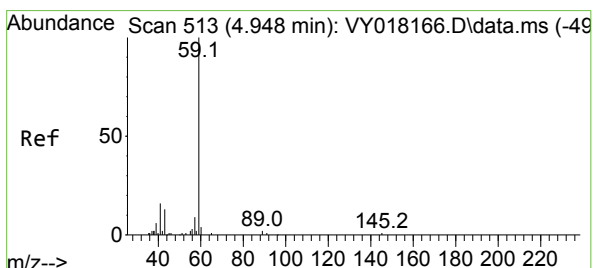
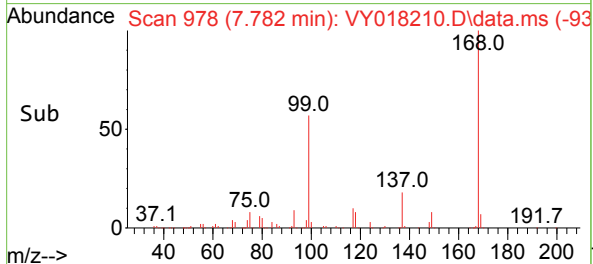
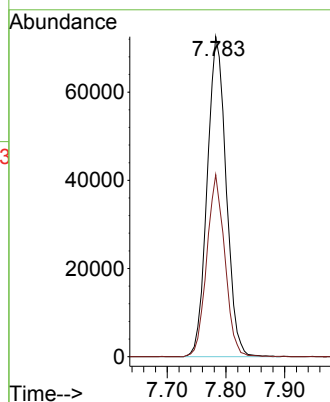
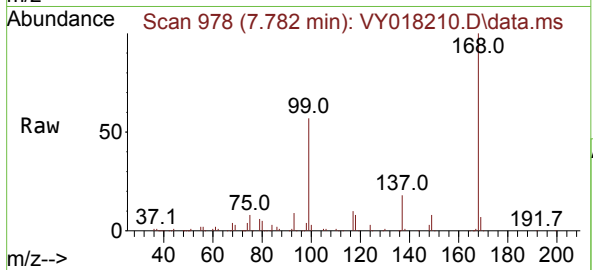




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018210.D
Acq: 09 May 2024 15:18

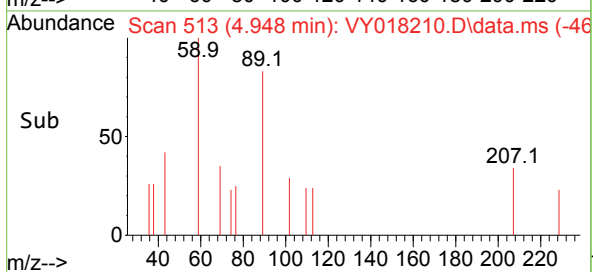
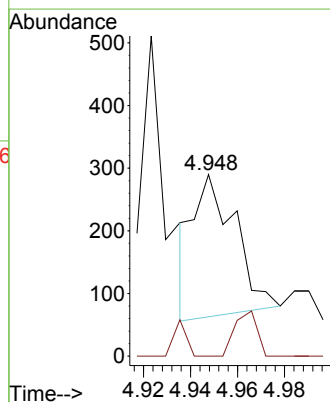
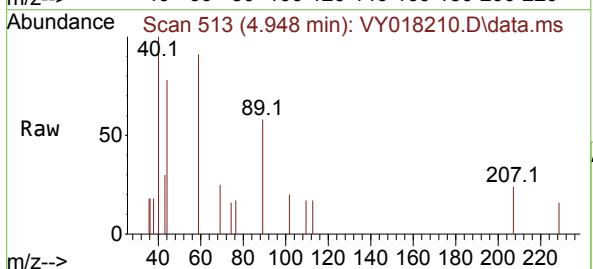
Instrument :
MSVOA_Y
ClientSampleId :

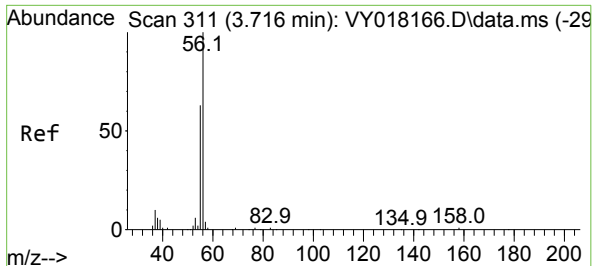
Tgt Ion:168 Resp: 162543
Ion Ratio Lower Upper
168 100
99 56.9 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY018210.D
Acq: 09 May 2024 15:18

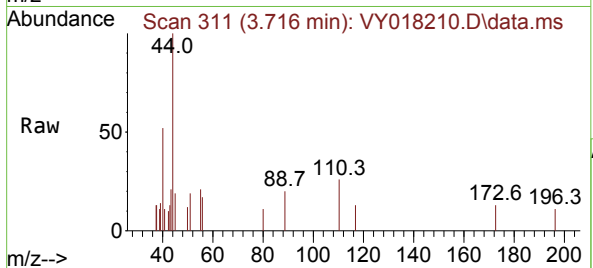
Tgt Ion: 59 Resp: 279
Ion Ratio Lower Upper
59 100
57 7.5 3.0 4.6#



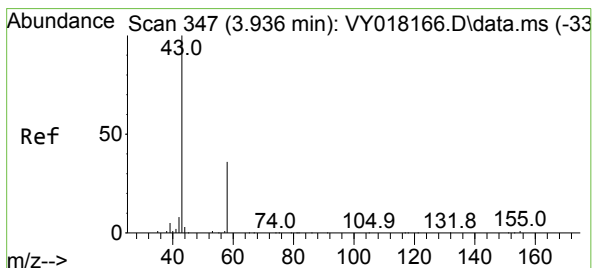
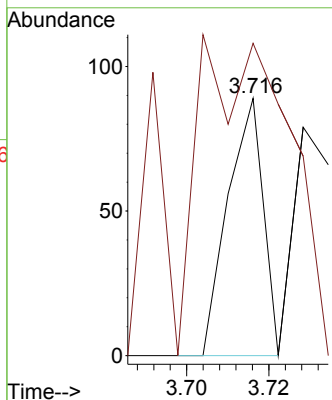
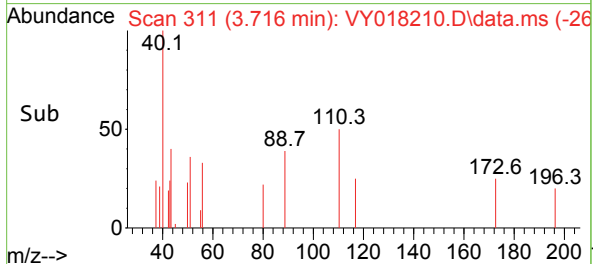


#13
Acrolein
Concen: Below Cal
RT: 3.716 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY018210.D
Acq: 09 May 2024 15:18

Instrument :
MSVOA_Y
ClientSampleId :

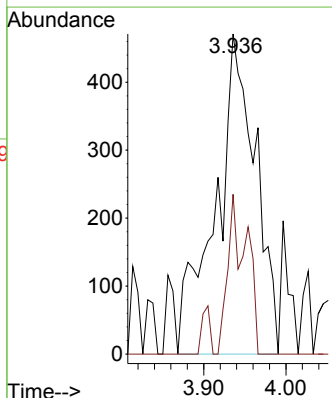
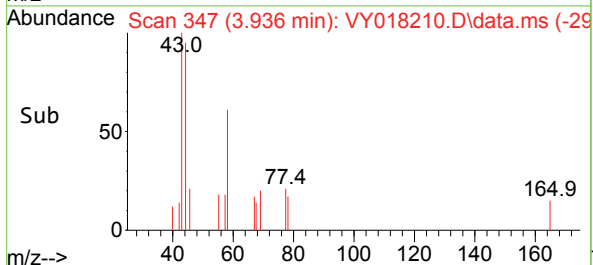
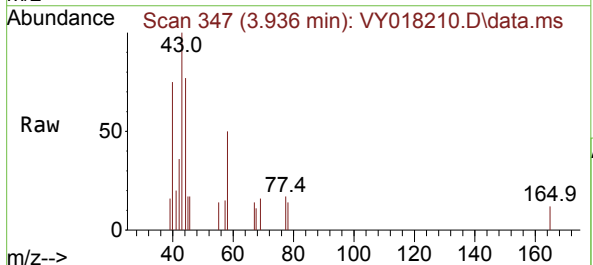


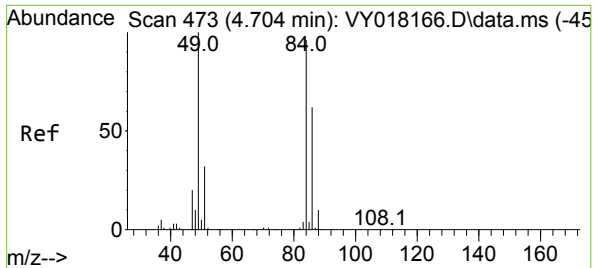
Tgt Ion: 56 Resp: 53
Ion Ratio Lower Upper
56 100
55 381.1 55.7 83.5#



#16
Acetone
Concen: 6.701 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY018210.D
Acq: 09 May 2024 15:18

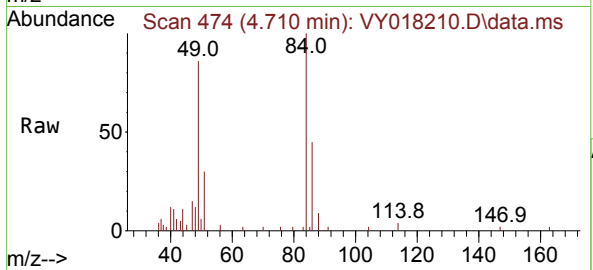
Tgt Ion: 43 Resp: 1599
Ion Ratio Lower Upper
43 100
58 49.9 31.7 47.5#



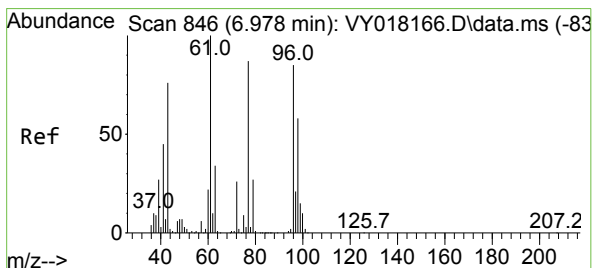
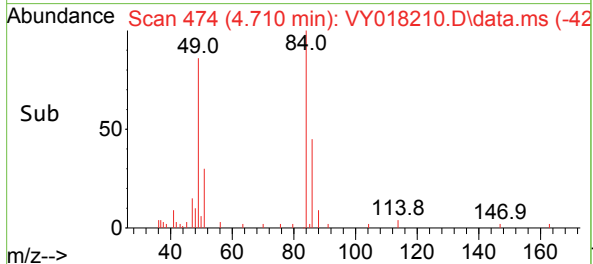
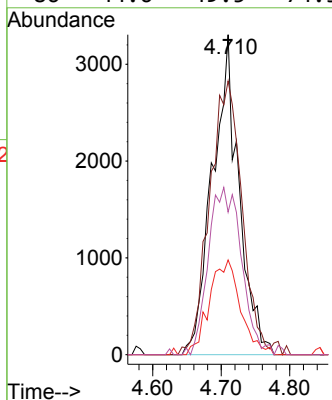


#20
Methylene Chloride
Concen: 5.256 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY018210.D
Acq: 09 May 2024 15:18

Instrument :
MSVOA_Y
ClientSampleId :

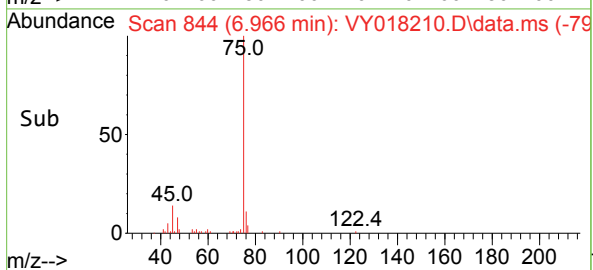
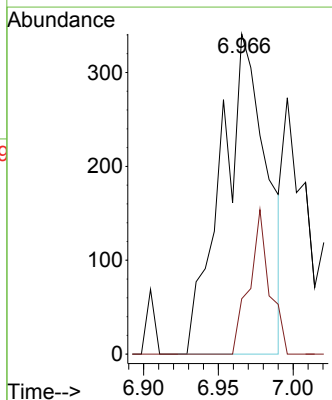
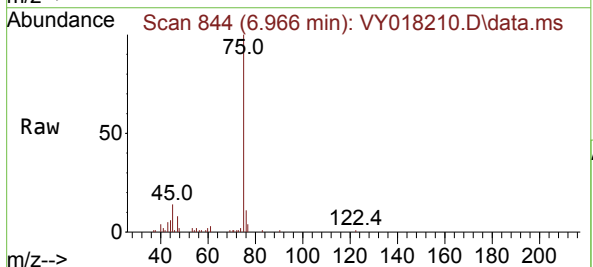


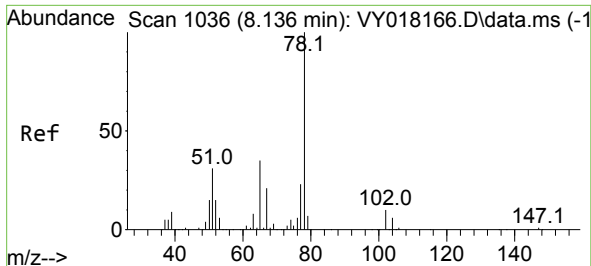
Tgt Ion:	84	Resp:	8866
Ion	Ratio	Lower	Upper
84	100		
49	85.6	84.4	126.6
51	29.6	26.0	39.0
86	44.6	49.5	74.3



#25
2-Butanone
Concen: 1.885 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.013 min
Lab File: VY018210.D
Acq: 09 May 2024 15:18

Tgt Ion:	43	Resp:	719
Ion	Ratio	Lower	Upper
43	100		
72	17.3	27.3	40.9





#33

1,2-Dichloroethane-d4

Concen: 59.793 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY018210.D

Acq: 09 May 2024 15:18

Instrument :

MSVOA_Y

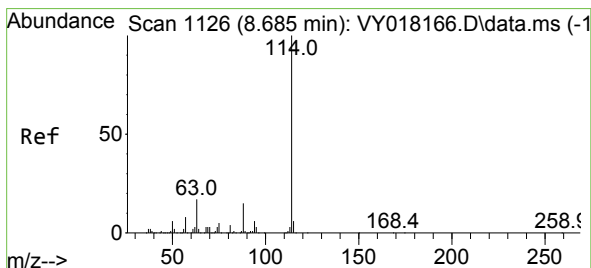
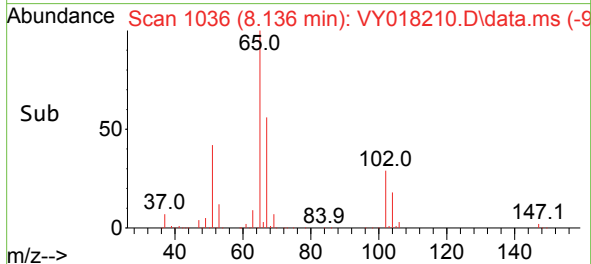
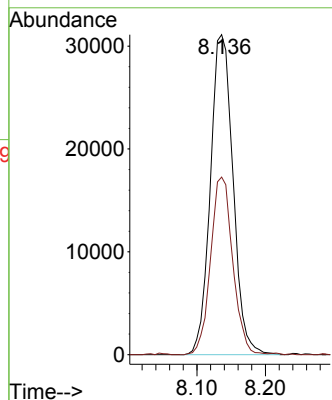
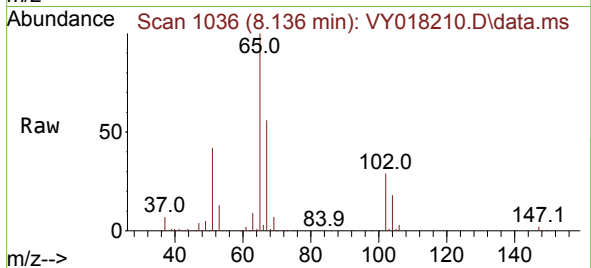
ClientSampleId :

Tgt Ion: 65 Resp: 71499

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: VY018210.D

Acq: 09 May 2024 15:18

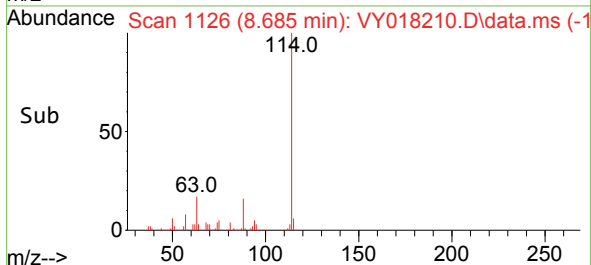
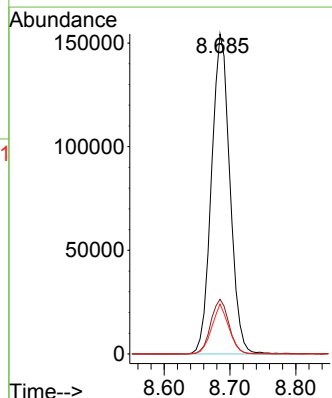
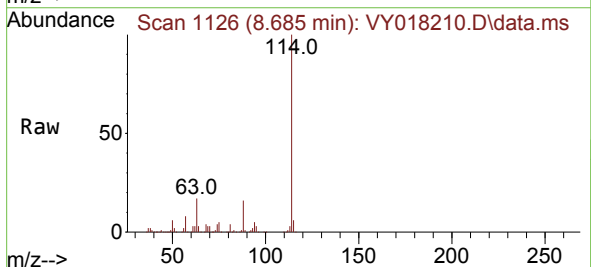
Tgt Ion: 114 Resp: 300730

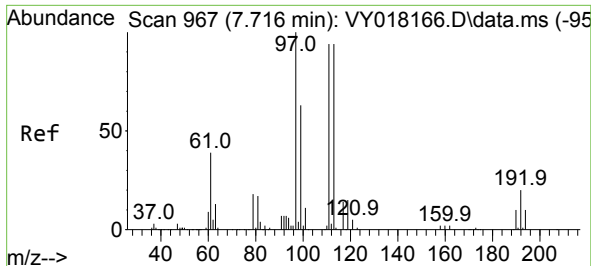
Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 15.6 0.0 27.2

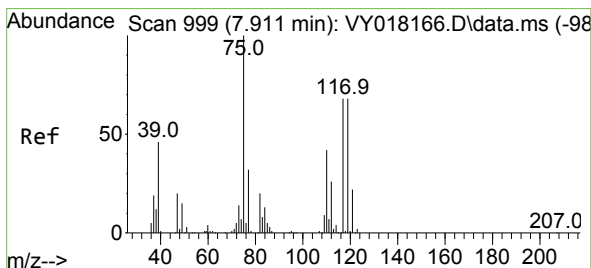
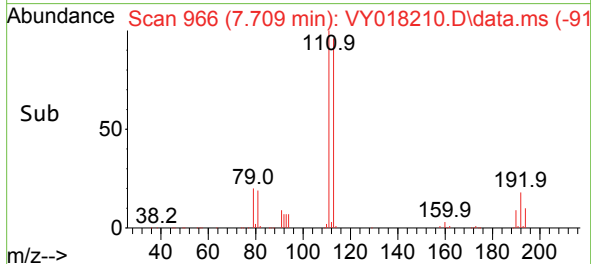
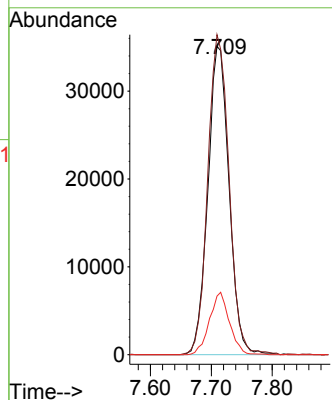
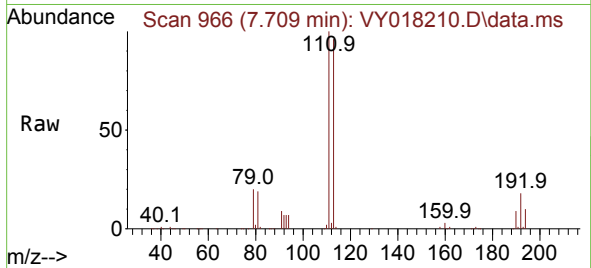




#35
Dibromofluoromethane
Concen: 53.640 ug/l
RT: 7.709 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY018210.D
Acq: 09 May 2024 15:18

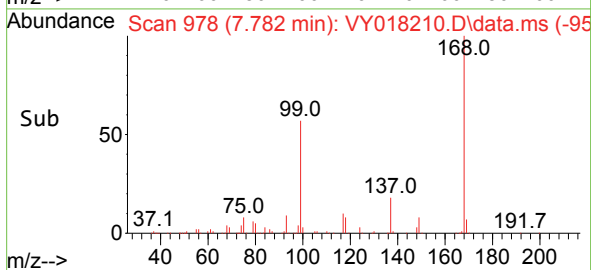
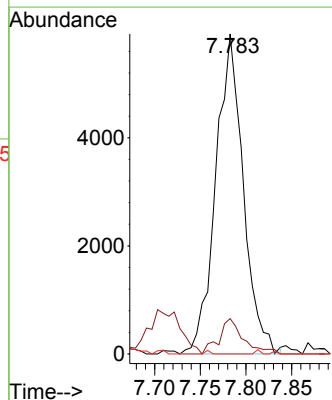
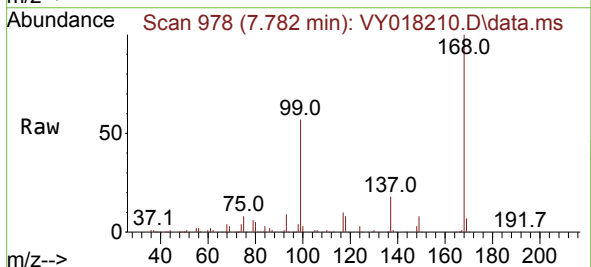
Instrument :
MSVOA_Y
ClientSampleId :

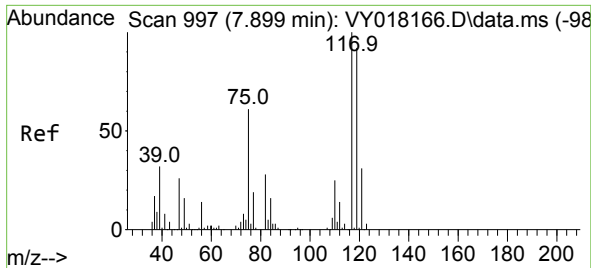
Tgt Ion:113 Resp: 84777
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.4
192 19.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.477 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY018210.D
Acq: 09 May 2024 15:18

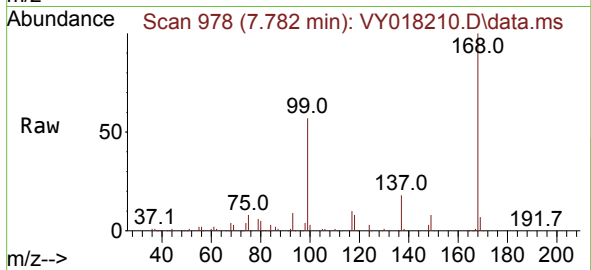
Tgt Ion: 75 Resp: 12410
Ion Ratio Lower Upper
75 100
110 9.8 19.0 57.0#
77 0.0 25.3 37.9#



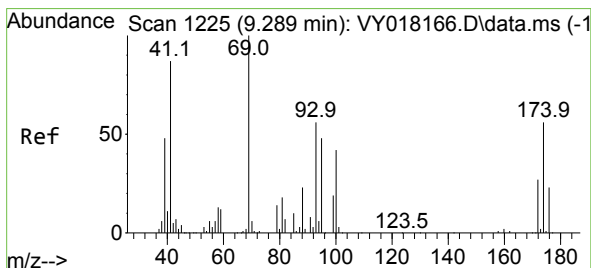
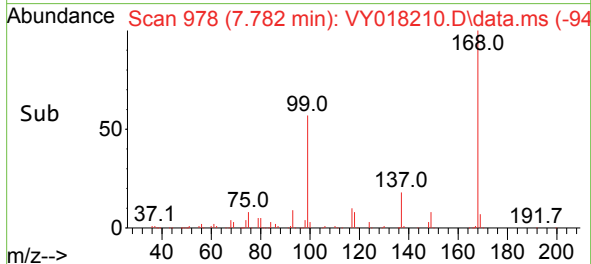
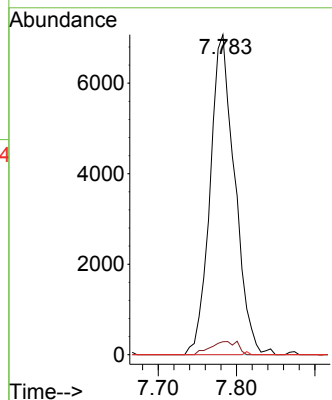


#38
Carbon Tetrachloride
Concen: 6.256 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018210.D
Acq: 09 May 2024 15:18

Instrument :
MSVOA_Y
ClientSampleId :

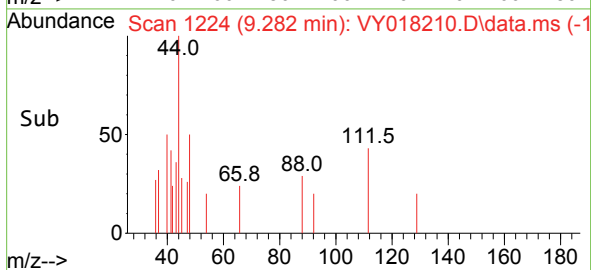
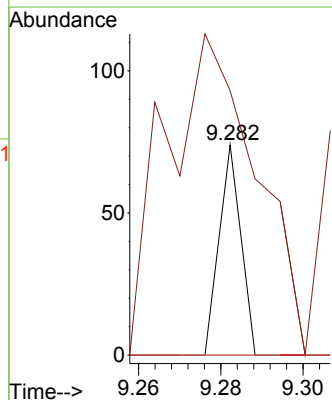
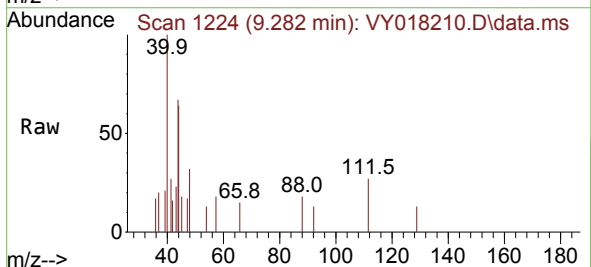


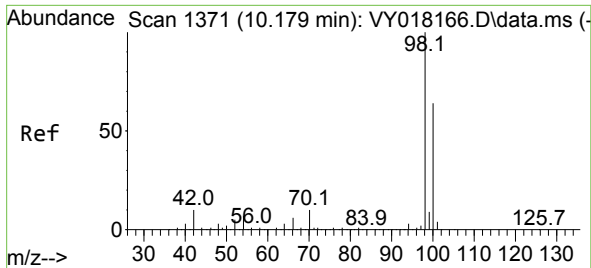
Tgt Ion:117 Resp: 15487
Ion Ratio Lower Upper
117 100
119 4.1 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 2.221 ug/l
RT: 9.282 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VY018210.D
Acq: 09 May 2024 15:18

Tgt Ion: 88 Resp: 27
Ion Ratio Lower Upper
88 100
43 640.7 0.0 0.0#
58 0.0 49.3 73.9#

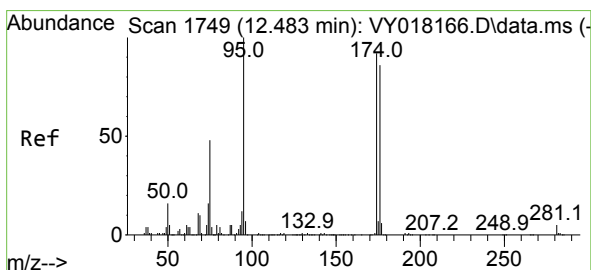
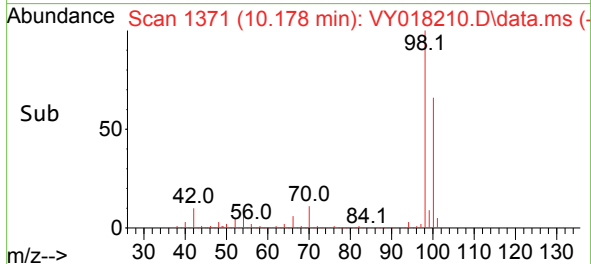
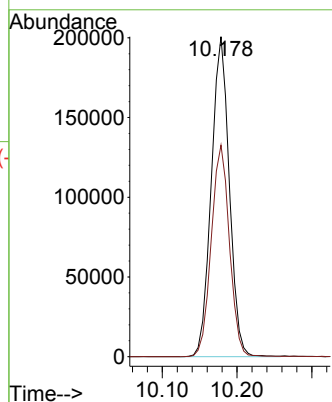
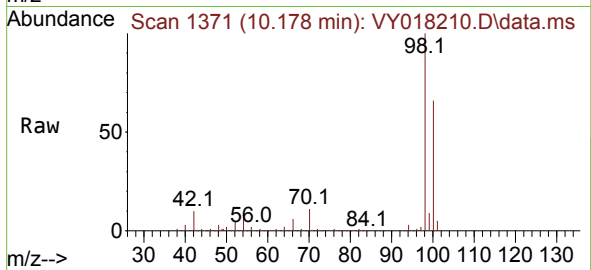




#50
Toluene-d8
Concen: 53.850 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018210.D
Acq: 09 May 2024 15:18

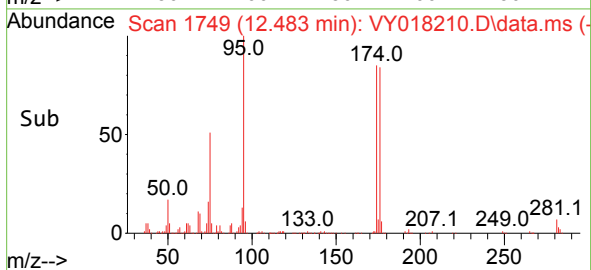
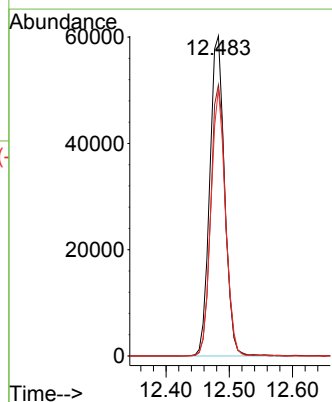
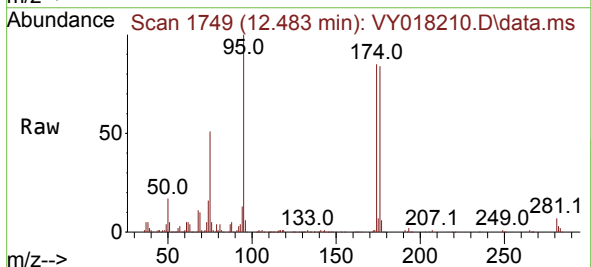
Instrument :
MSVOA_Y
ClientSampleId :

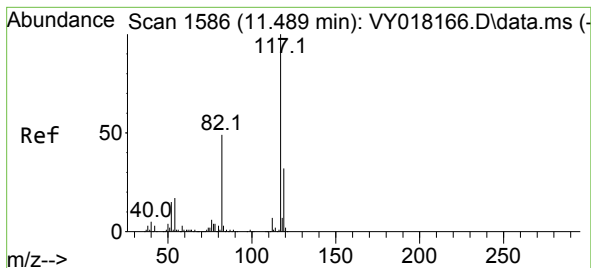
Tgt Ion: 98 Resp: 335379
Ion Ratio Lower Upper
98 100
100 66.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.795 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY018210.D
Acq: 09 May 2024 15:18

Tgt Ion: 95 Resp: 98141
Ion Ratio Lower Upper
95 100
174 84.4 0.0 175.6
176 81.5 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: VY018210.D

Acq: 09 May 2024 15:18

Instrument :

MSVOA_Y

ClientSampleId :

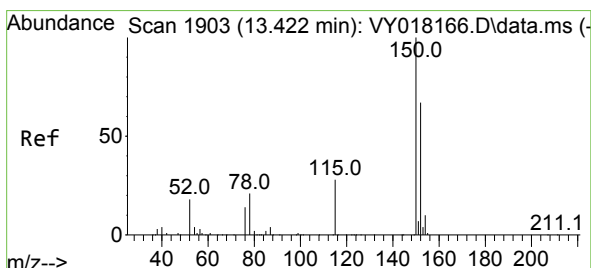
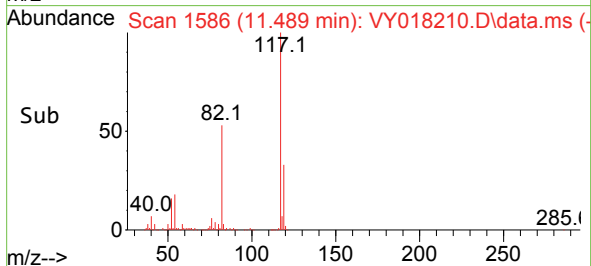
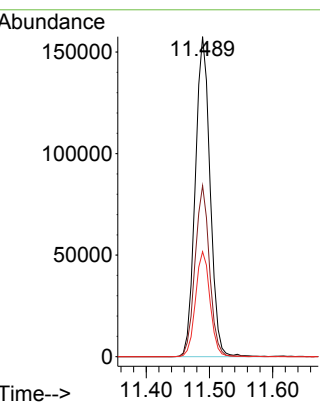
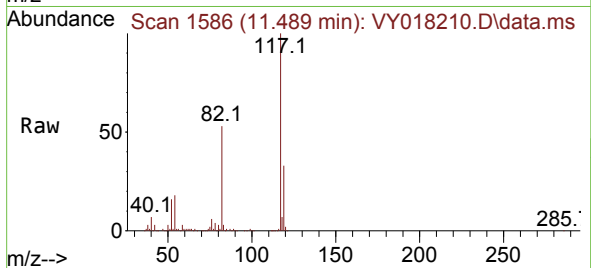
Tgt Ion:117 Resp: 257086

Ion Ratio Lower Upper

117 100

82 53.4 42.4 63.6

119 32.8 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: VY018210.D

Acq: 09 May 2024 15:18

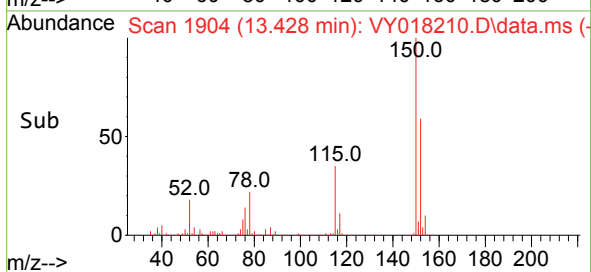
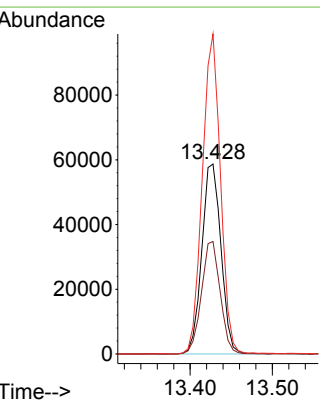
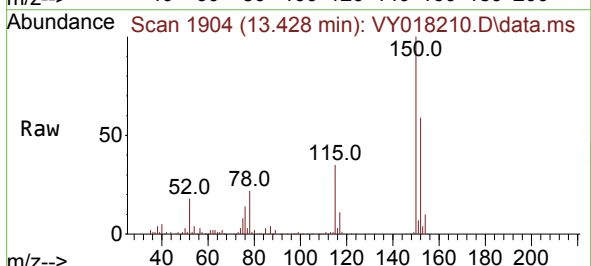
Tgt Ion:152 Resp: 95049

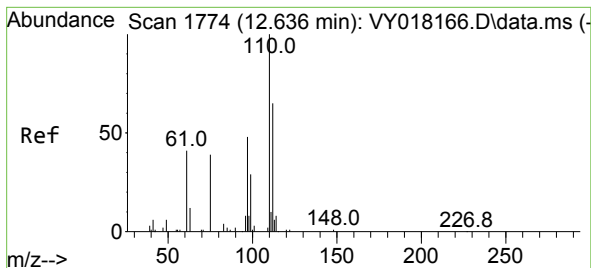
Ion Ratio Lower Upper

152 100

115 57.9 28.2 84.7

150 159.7 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 64.358 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.153 min

Lab File: VY018210.D

Acq: 09 May 2024 15:18

Instrument :

MSVOA_Y

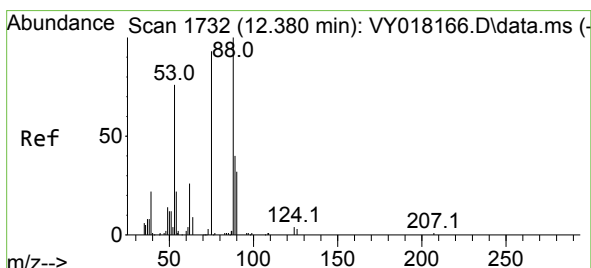
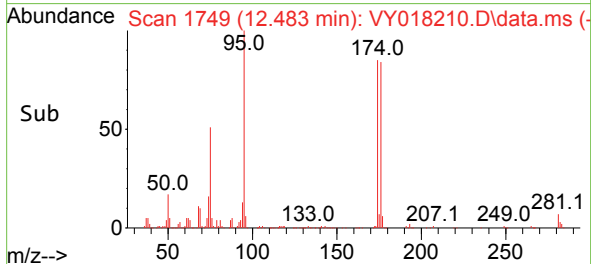
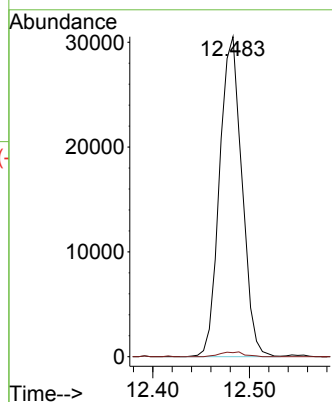
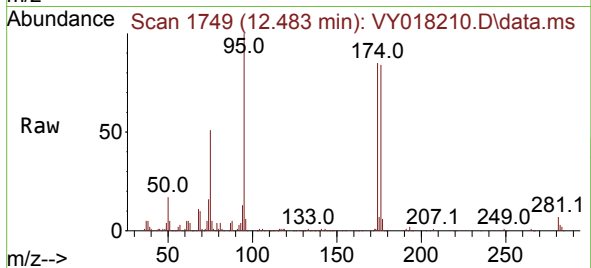
ClientSampleId :

Tgt Ion: 75 Resp: 48964

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 123.996 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.103 min

Lab File: VY018210.D

Acq: 09 May 2024 15:18

Tgt Ion: 75 Resp: 48964

Ion Ratio Lower Upper

75 100

53 0.3 66.8 100.2#

89 0.3 35.8 53.6#

