

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050924\
 Data File : VY018220.D
 Acq On : 09 May 2024 19:17
 Operator : SY/MD
 Sample : P2432-02
 Misc : 3.11g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 10 01:22:37 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)

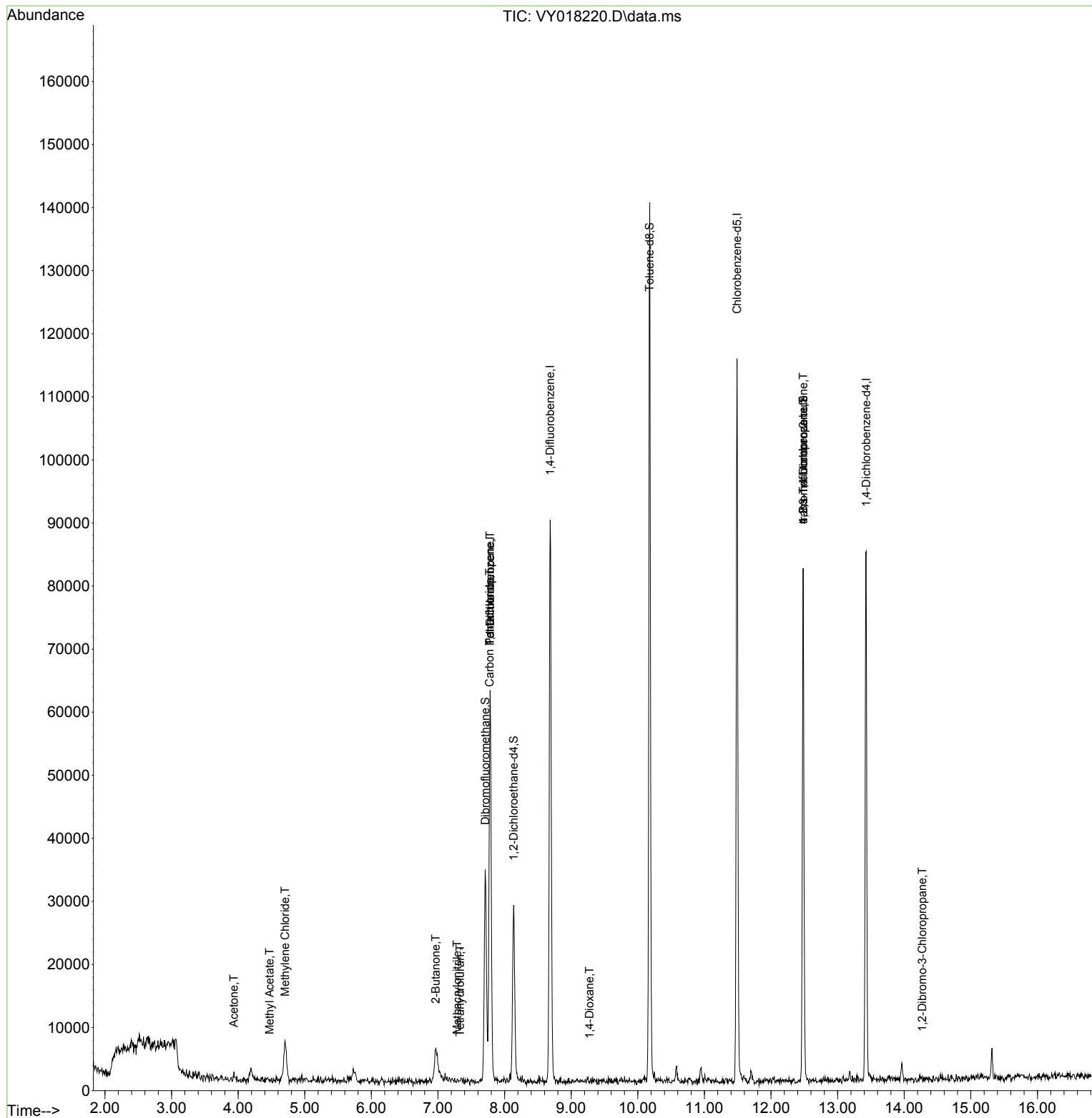
Internal Standards						
1) Pentafluorobenzene	7.783	168	48181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	83612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	65789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	22669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	19911	56.174	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.340%	
35) Dibromofluoromethane	7.710	113	23546	53.584	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.160%	
50) Toluene-d8	10.179	98	91103	52.612	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.220%	
62) 4-Bromofluorobenzene	12.483	95	24430	43.687	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 87.380%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	116	Below Cal	#	88
13) Acrolein	3.710	56	99	Below Cal	#	41
16) Acetone	3.936	43	460	6.503	ug/l #	74
18) Methyl Acetate	4.472	43	202	1.003	ug/l #	46
20) Methylene Chloride	4.704	84	4893	9.787	ug/l #	87
25) 2-Butanone	6.966	43	392	3.467	ug/l #	41
29) Tetrahydrofuran	7.332	42	146	1.956	ug/l #	41
31) Cyclohexane	7.789	56	1162	Below Cal	#	17
36) 1,1-Dichloropropene	7.783	75	3732	5.924	ug/l #	46
38) Carbon Tetrachloride	7.777	117	4749	6.899	ug/l #	20
41) Methacrylonitrile	7.289	41	343	2.240	ug/l #	34
49) 1,4-Dioxane	9.276	88	23	6.804	ug/l #	73
76) 1,2,3-Trichloropropane	12.483	75	11536	63.577	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	11536	122.490	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	14.269	75	113	3.061	ug/l #	1

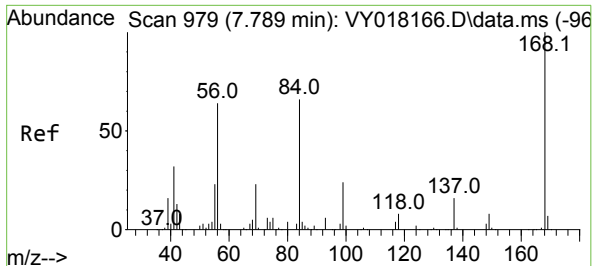
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 10 01:22:37 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

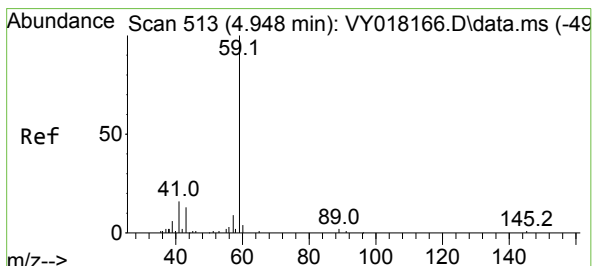
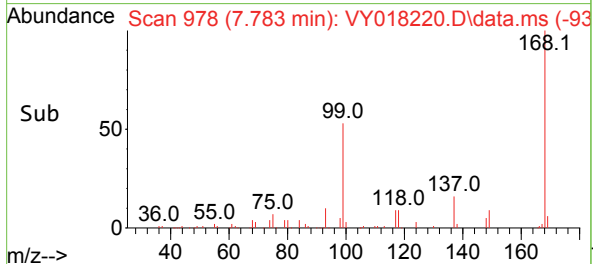
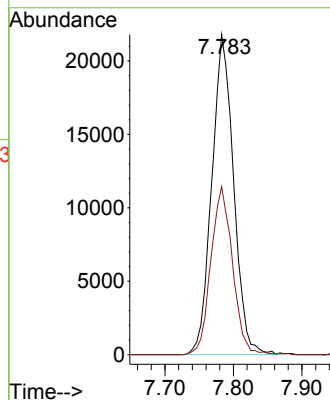
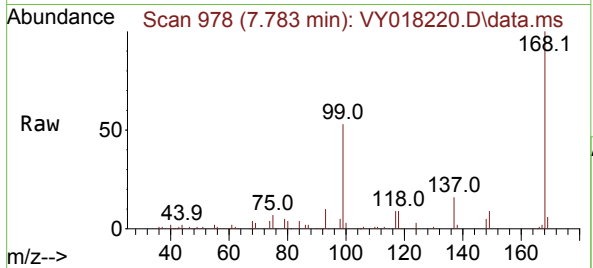




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018220.D
Acq: 09 May 2024 19:17

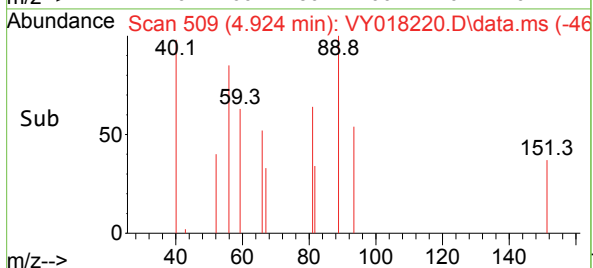
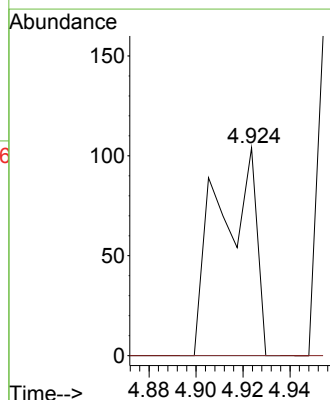
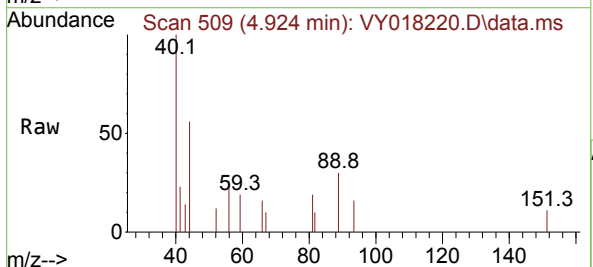
Instrument :
MSVOA_Y
ClientSampleId :

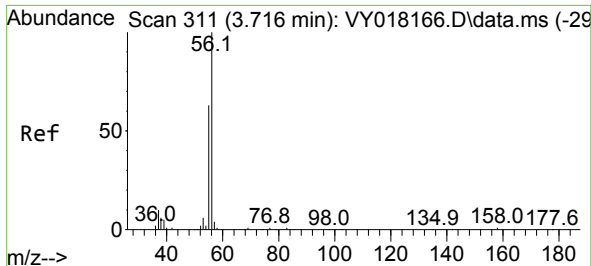
Tgt Ion:168 Resp: 48181
Ion Ratio Lower Upper
168 100
99 52.5 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY018220.D
Acq: 09 May 2024 19:17

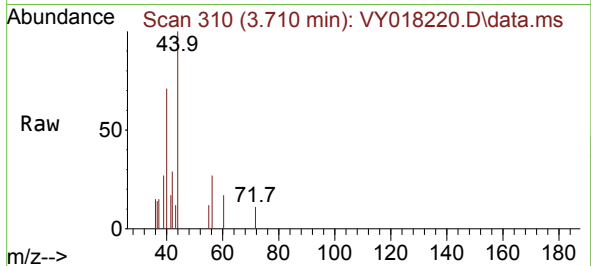
Tgt Ion: 59 Resp: 116
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



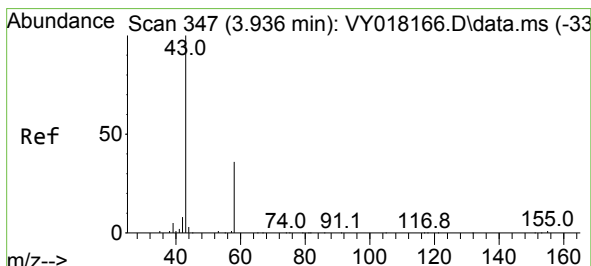
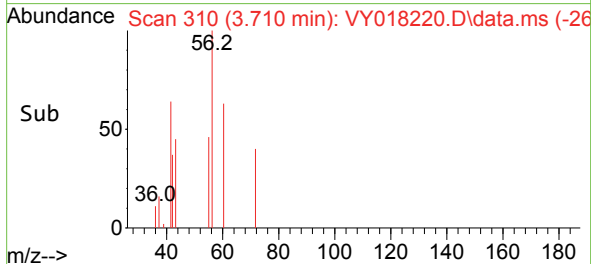
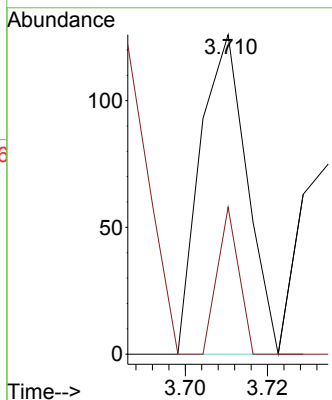


#13
Acrolein
Concen: Below Cal
RT: 3.710 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY018220.D
Acq: 09 May 2024 19:17

Instrument :
MSVOA_Y
ClientSampleId :

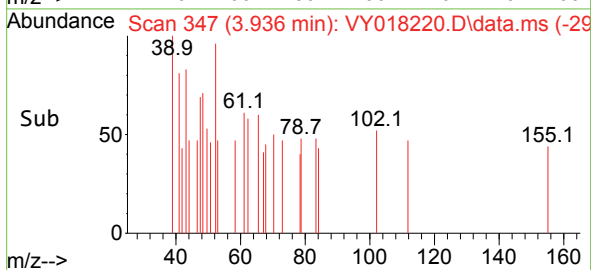
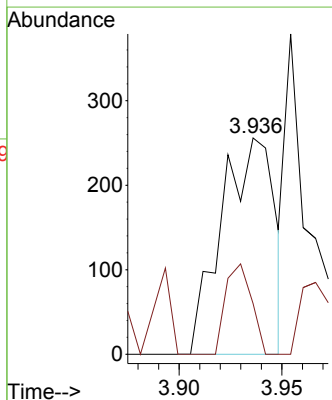
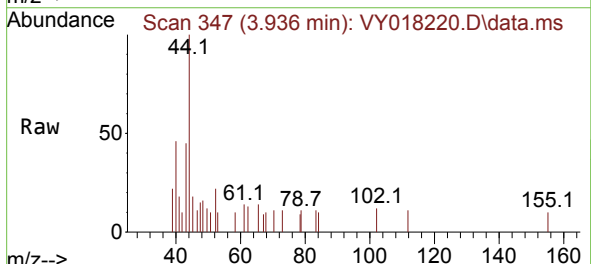


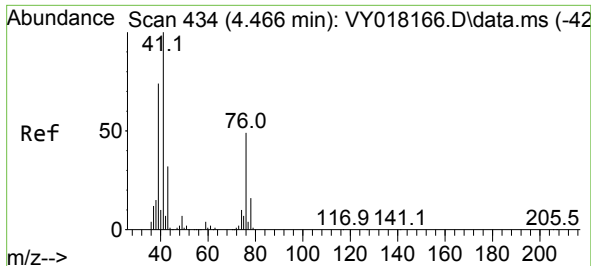
Tgt Ion: 56 Resp: 99
Ion Ratio Lower Upper
56 100
55 21.2 55.7 83.5#



#16
Acetone
Concen: 6.503 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018220.D
Acq: 09 May 2024 19:17

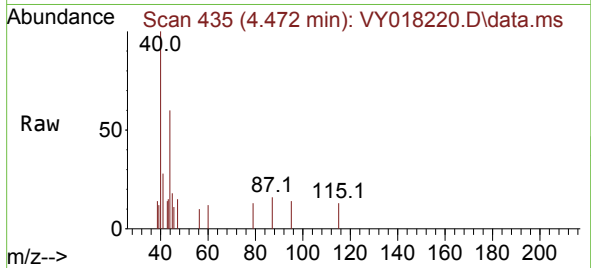
Tgt Ion: 43 Resp: 460
Ion Ratio Lower Upper
43 100
58 23.4 31.7 47.5#



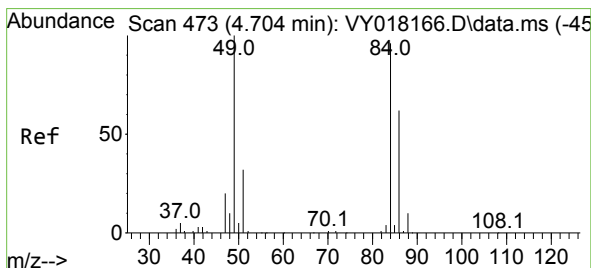
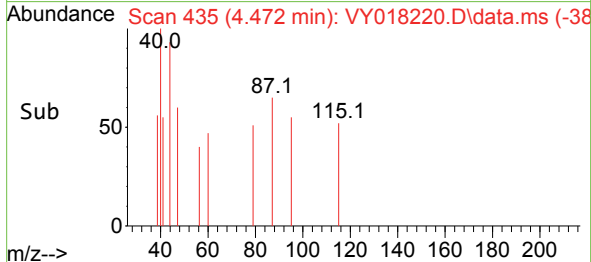
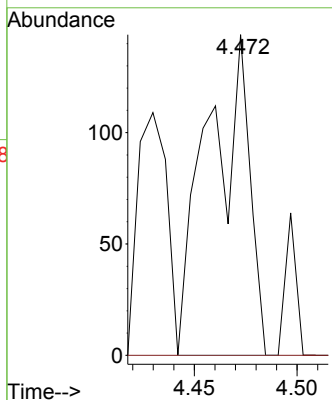


#18
Methyl Acetate
Concen: 1.003 ug/l
RT: 4.472 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY018220.D
Acq: 09 May 2024 19:17

Instrument :
MSVOA_Y
ClientSampleId :

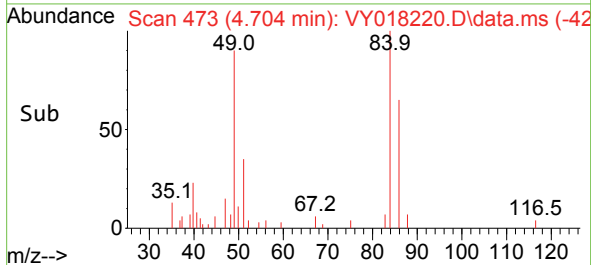
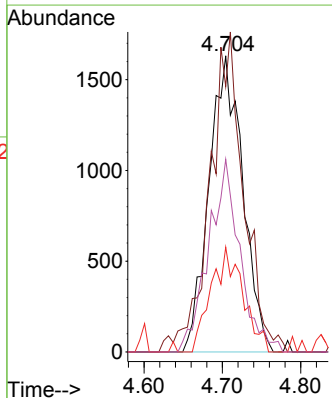
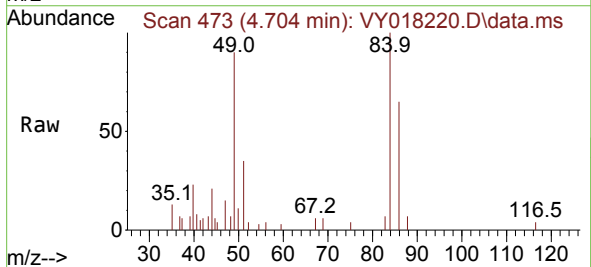


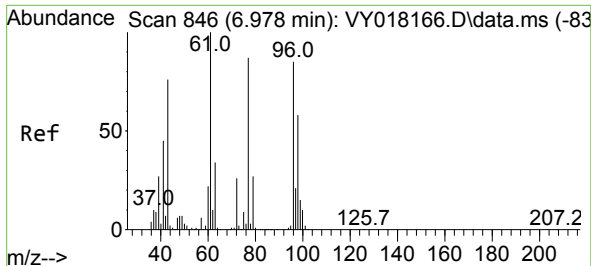
Tgt Ion: 43 Resp: 202
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#



#20
Methylene Chloride
Concen: 9.787 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY018220.D
Acq: 09 May 2024 19:17

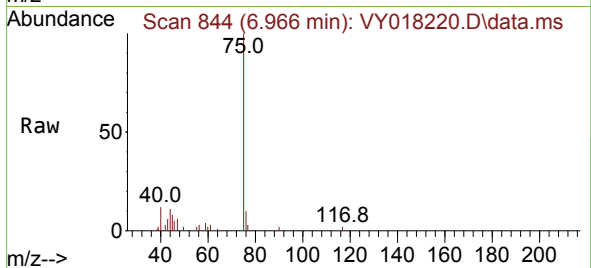
Tgt Ion: 84 Resp: 4893
Ion Ratio Lower Upper
84 100
49 83.9 84.4 126.6#
51 35.4 26.0 39.0
86 65.0 49.5 74.3



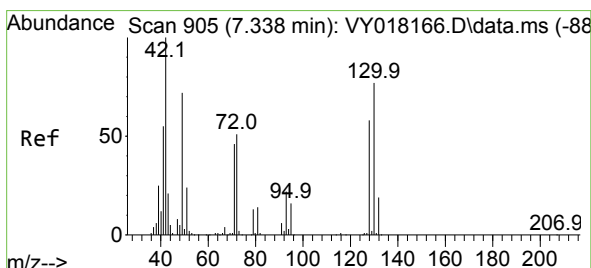
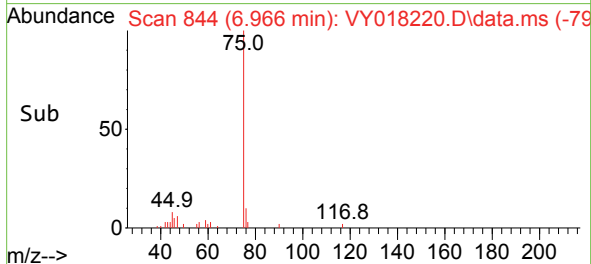
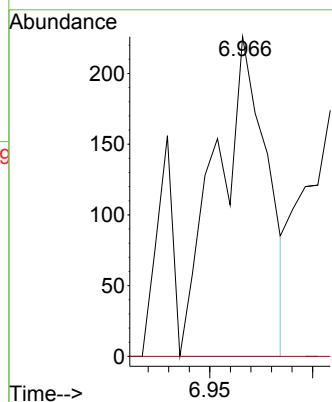


#25
2-Butanone
Concen: 3.467 ug/l
RT: 6.966 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY018220.D
Acq: 09 May 2024 19:17

Instrument :
MSVOA_Y
ClientSampleId :

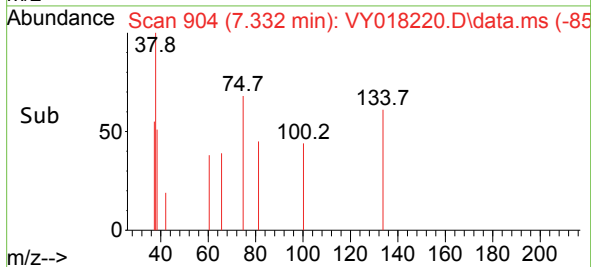
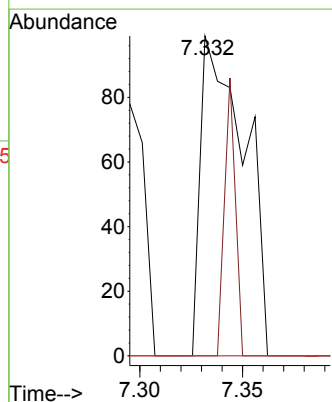
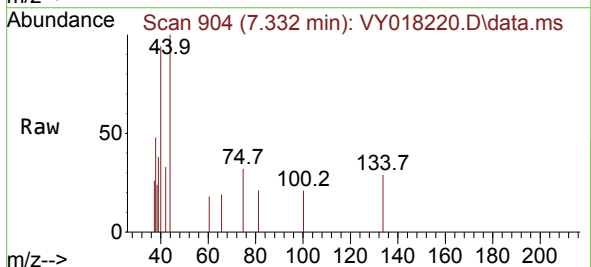


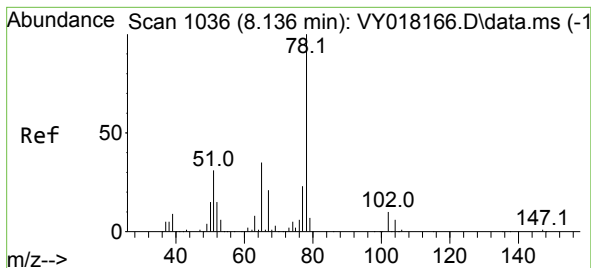
Tgt Ion: 43 Resp: 392
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#29
Tetrahydrofuran
Concen: 1.956 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY018220.D
Acq: 09 May 2024 19:17

Tgt Ion: 42 Resp: 146
Ion Ratio Lower Upper
42 100
72 21.2 43.0 64.4#
71 0.0 40.8 61.2#





#33

1,2-Dichloroethane-d4

Concen: 56.174 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY018220.D

Acq: 09 May 2024 19:17

Instrument :

MSVOA_Y

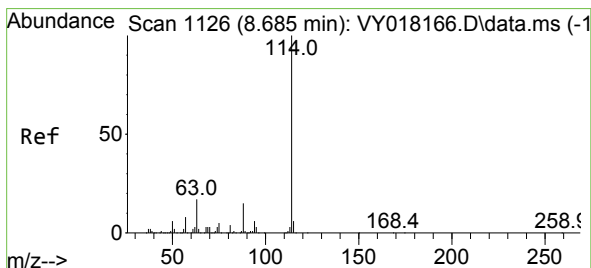
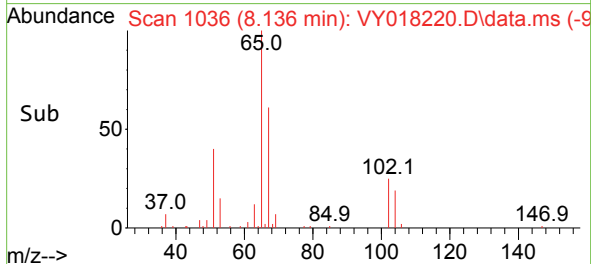
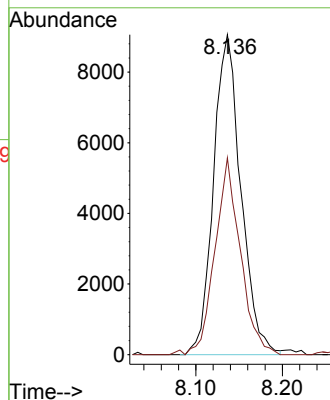
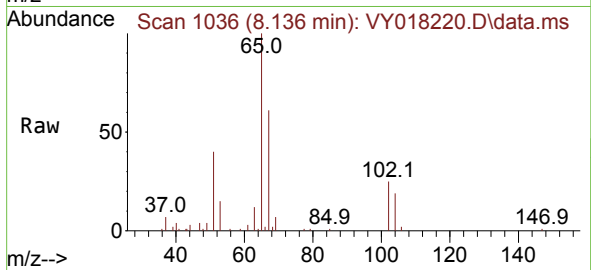
ClientSampleId :

Tgt Ion: 65 Resp: 19911

Ion Ratio Lower Upper

65 100

67 57.3 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: VY018220.D

Acq: 09 May 2024 19:17

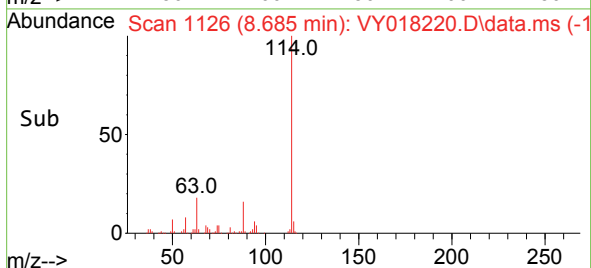
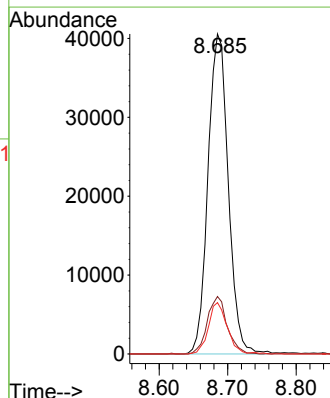
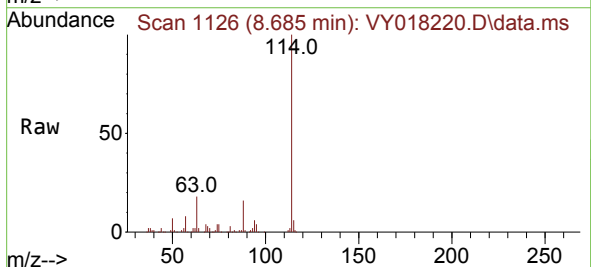
Tgt Ion: 114 Resp: 83612

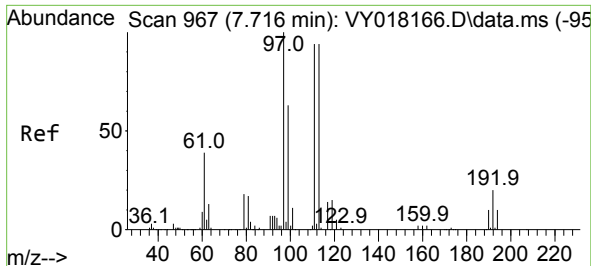
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

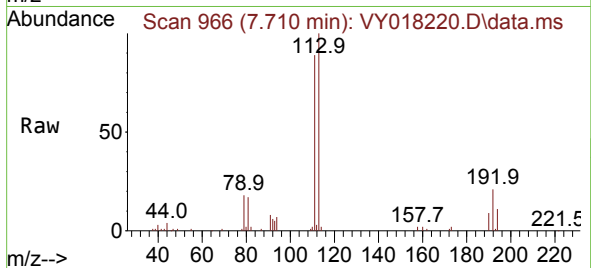
88 16.0 0.0 27.2



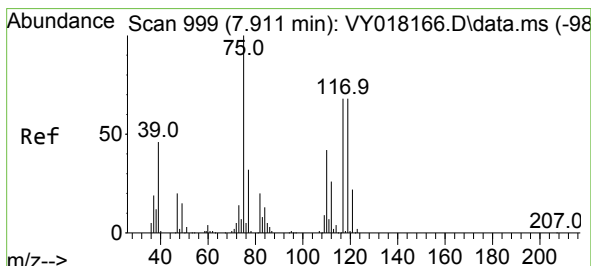
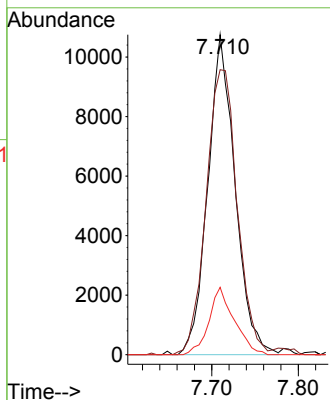
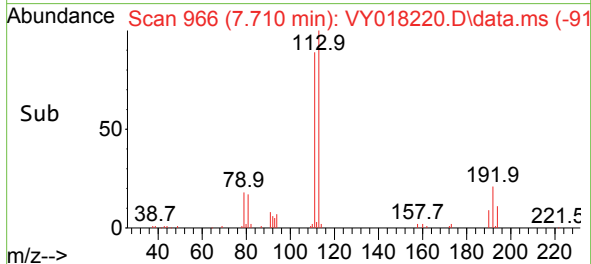


#35
Dibromofluoromethane
Concen: 53.584 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY018220.D
Acq: 09 May 2024 19:17

Instrument :
MSVOA_Y
ClientSampleId :

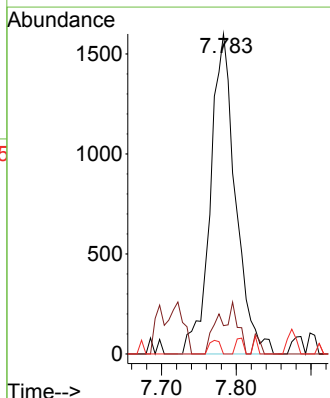
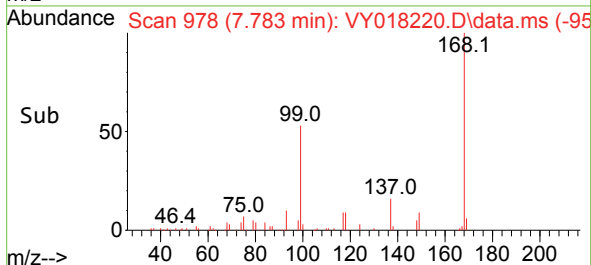
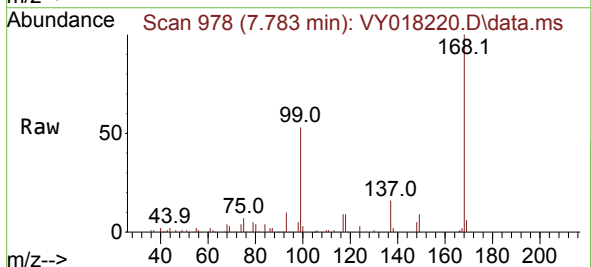


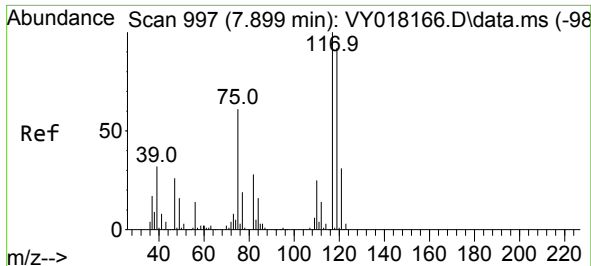
Tgt Ion:113 Resp: 23546
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.4
192 19.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.924 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY018220.D
Acq: 09 May 2024 19:17

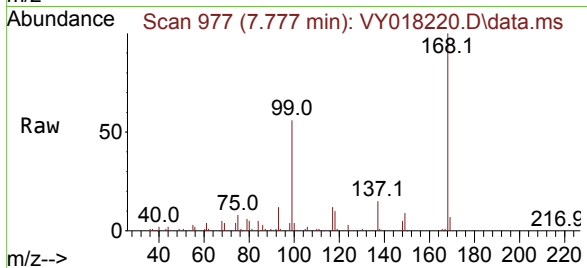
Tgt Ion: 75 Resp: 3732
Ion Ratio Lower Upper
75 100
110 5.8 19.0 57.0#
77 1.8 25.3 37.9#



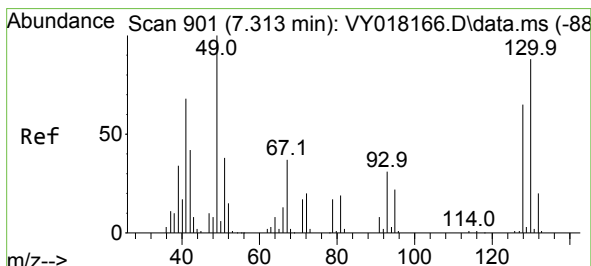
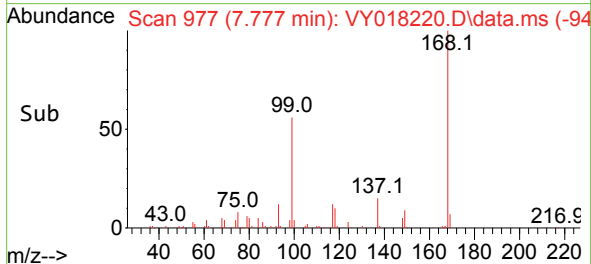
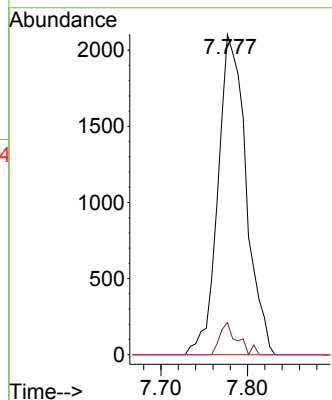


#38
Carbon Tetrachloride
Concen: 6.899 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY018220.D
Acq: 09 May 2024 19:17

Instrument :
MSVOA_Y
ClientSampleId :

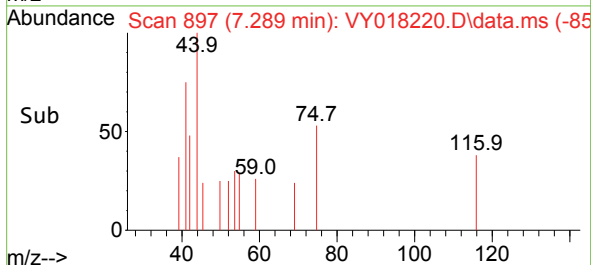
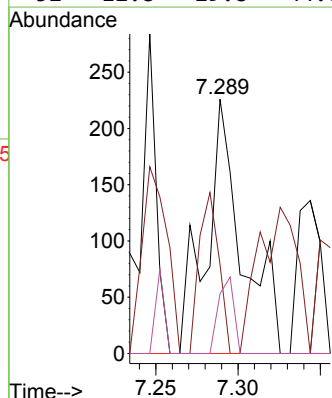
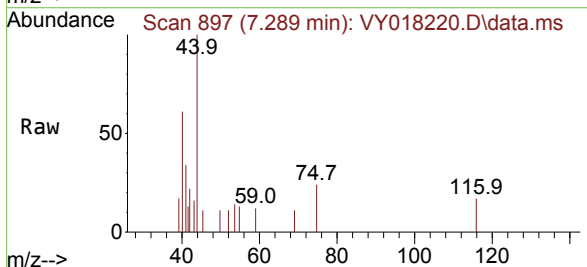


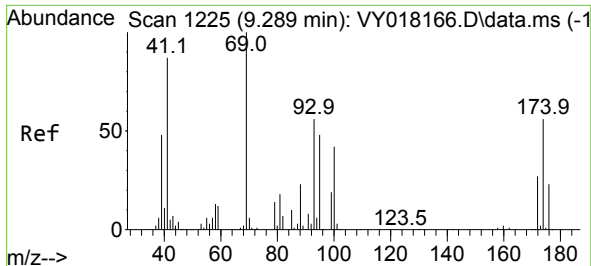
Tgt Ion:117 Resp: 4749
Ion Ratio Lower Upper
117 100
119 10.0 75.8 113.6#
121 0.0 24.0 36.0#



#41
Methacrylonitrile
Concen: 2.240 ug/l
RT: 7.289 min Scan# 897
Delta R.T. -0.024 min
Lab File: VY018220.D
Acq: 09 May 2024 19:17

Tgt Ion: 41 Resp: 343
Ion Ratio Lower Upper
41 100
39 35.0 48.0 72.0#
67 0.0 75.1 112.7#
52 12.8 29.8 44.6#

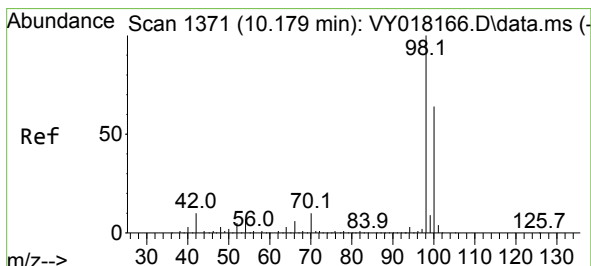
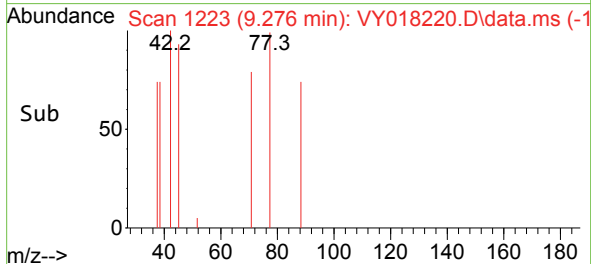
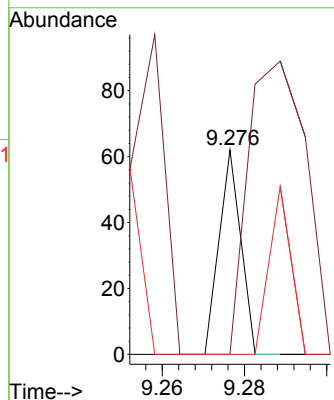
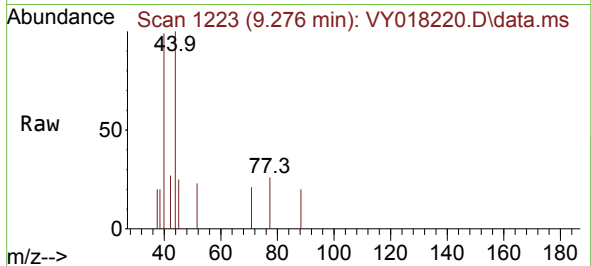




#49
1,4-Dioxane
Concen: 6.804 ug/l
RT: 9.276 min Scan# 1223
Delta R.T. -0.012 min
Lab File: VY018220.D
Acq: 09 May 2024 19:17

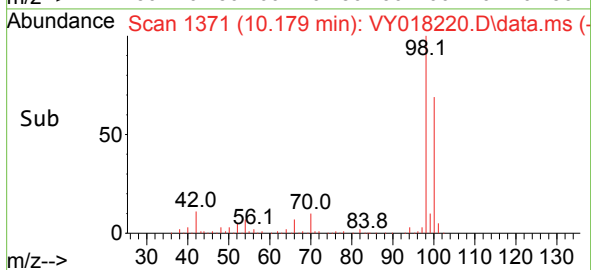
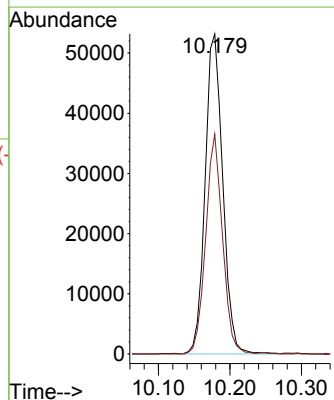
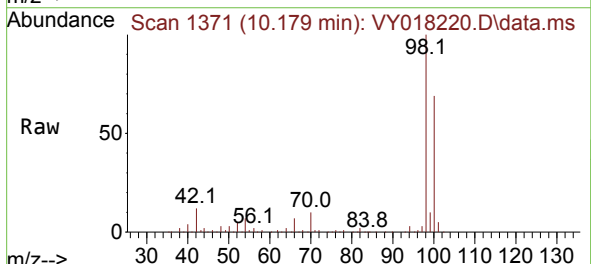
Instrument :
MSVOA_Y
ClientSampleId :

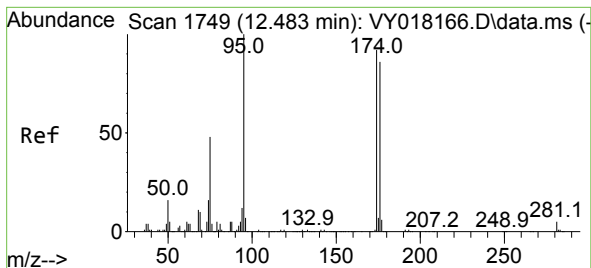
Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 378.3 0.0 0.0#
58 82.6 49.3 73.9#



#50
Toluene-d8
Concen: 52.612 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018220.D
Acq: 09 May 2024 19:17

Tgt Ion: 98 Resp: 91103
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 43.687 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018220.D

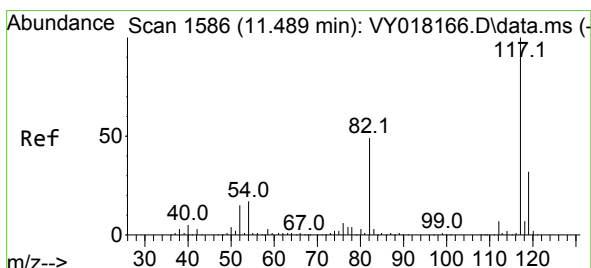
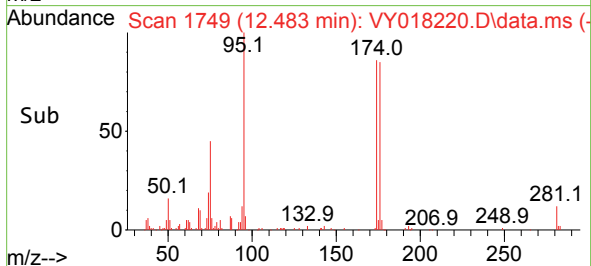
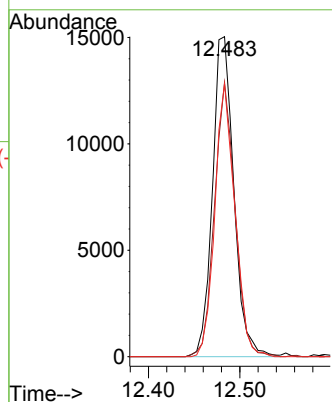
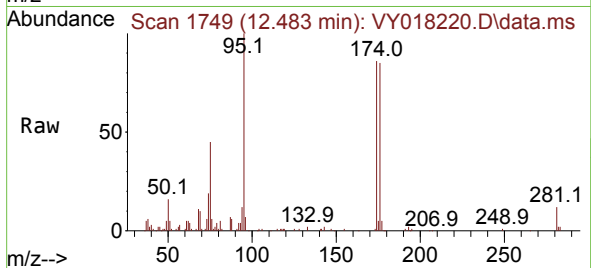
Acq: 09 May 2024 19:17

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	95	Resp:	24430
Ion Ratio	Lower	Upper	
95	100		
174	82.5	0.0	175.6
176	80.1	0.0	171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

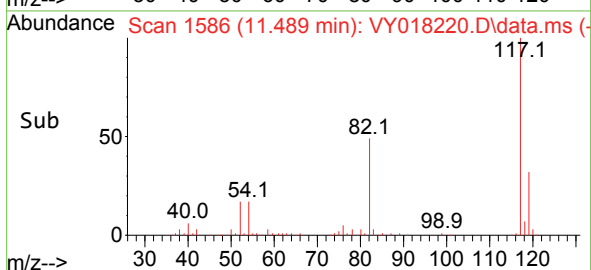
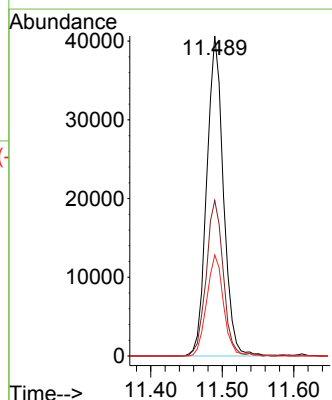
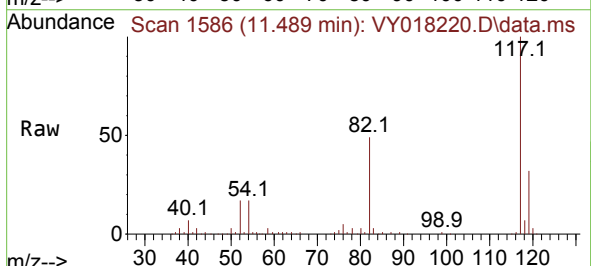
RT: 11.489 min Scan# 1586

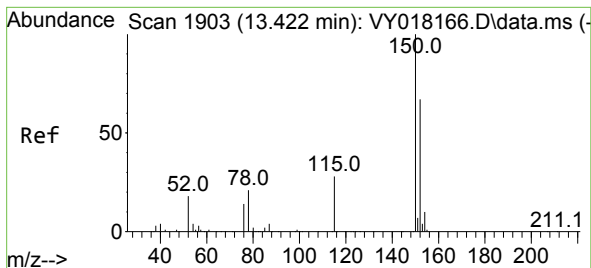
Delta R.T. 0.000 min

Lab File: VY018220.D

Acq: 09 May 2024 19:17

Tgt Ion:	117	Resp:	65789
Ion Ratio	Lower	Upper	
117	100		
82	48.6	42.4	63.6
119	31.6	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: VY018220.D

Acq: 09 May 2024 19:17

Instrument :

MSVOA_Y

ClientSampleId :

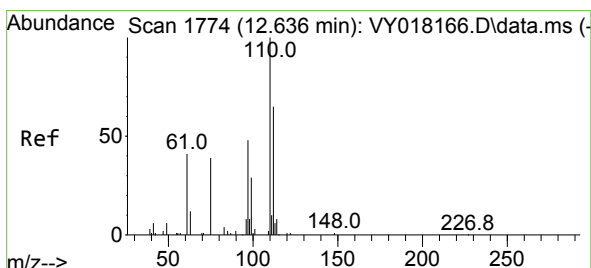
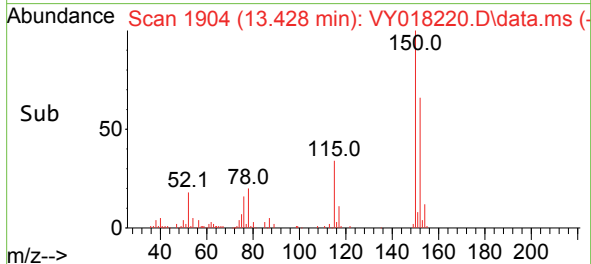
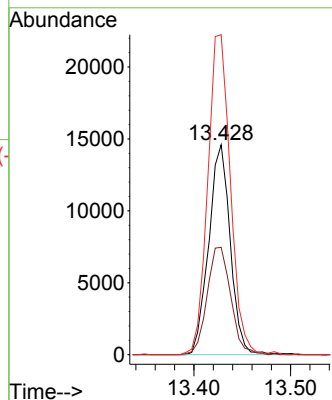
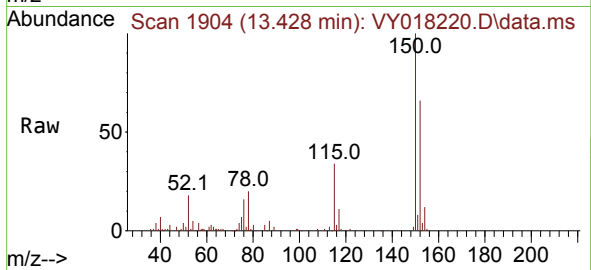
Tgt Ion:152 Resp: 22669

Ion Ratio Lower Upper

152 100

115 56.0 28.2 84.7

150 160.0 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 63.577 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY018220.D

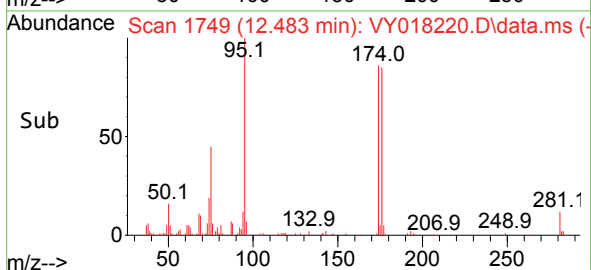
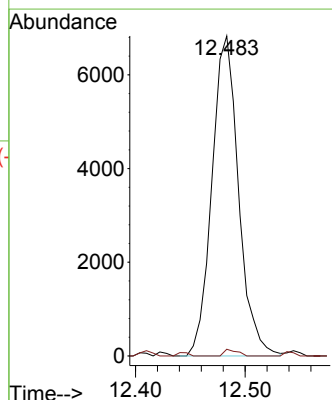
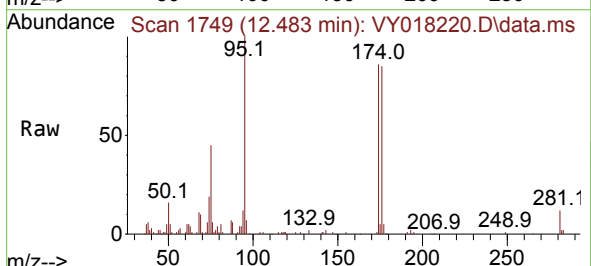
Acq: 09 May 2024 19:17

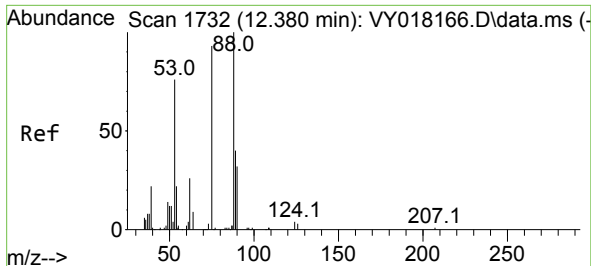
Tgt Ion: 75 Resp: 11536

Ion Ratio Lower Upper

75 100

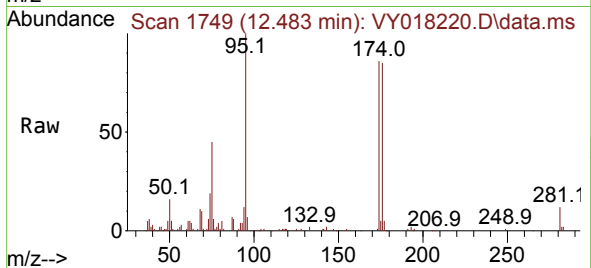
77 1.0 0.0 0.0#



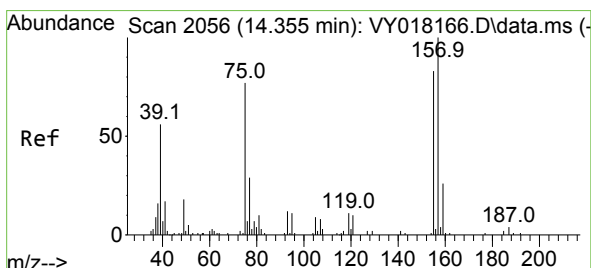
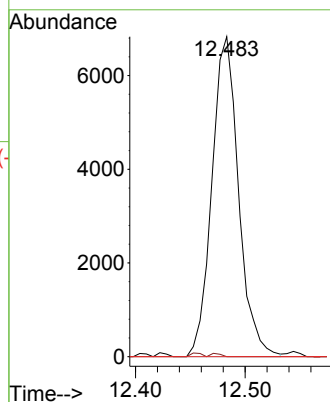
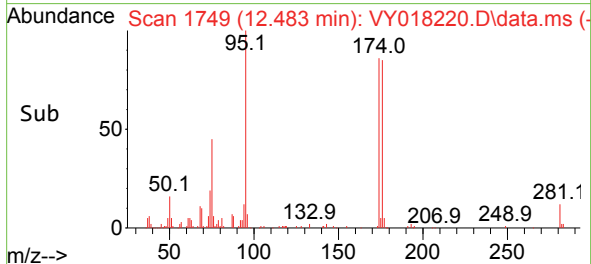


#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.490 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018220.D
 Acq: 09 May 2024 19:17

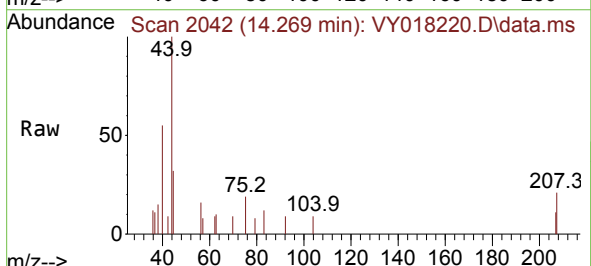
Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 11536
 Ion Ratio Lower Upper
 75 100
 53 0.4 66.8 100.2#
 89 0.0 35.8 53.6#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.061 ug/l
 RT: 14.269 min Scan# 2042
 Delta R.T. -0.085 min
 Lab File: VY018220.D
 Acq: 09 May 2024 19:17



Tgt Ion: 75 Resp: 113
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.6 145.8#
 157 0.0 62.7 188.2#

