

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050824\
 Data File : VY018188.D
 Acq On : 08 May 2024 15:09
 Operator : SY/MD
 Sample : P2413-03
 Misc : 6.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 09 02:26:49 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)

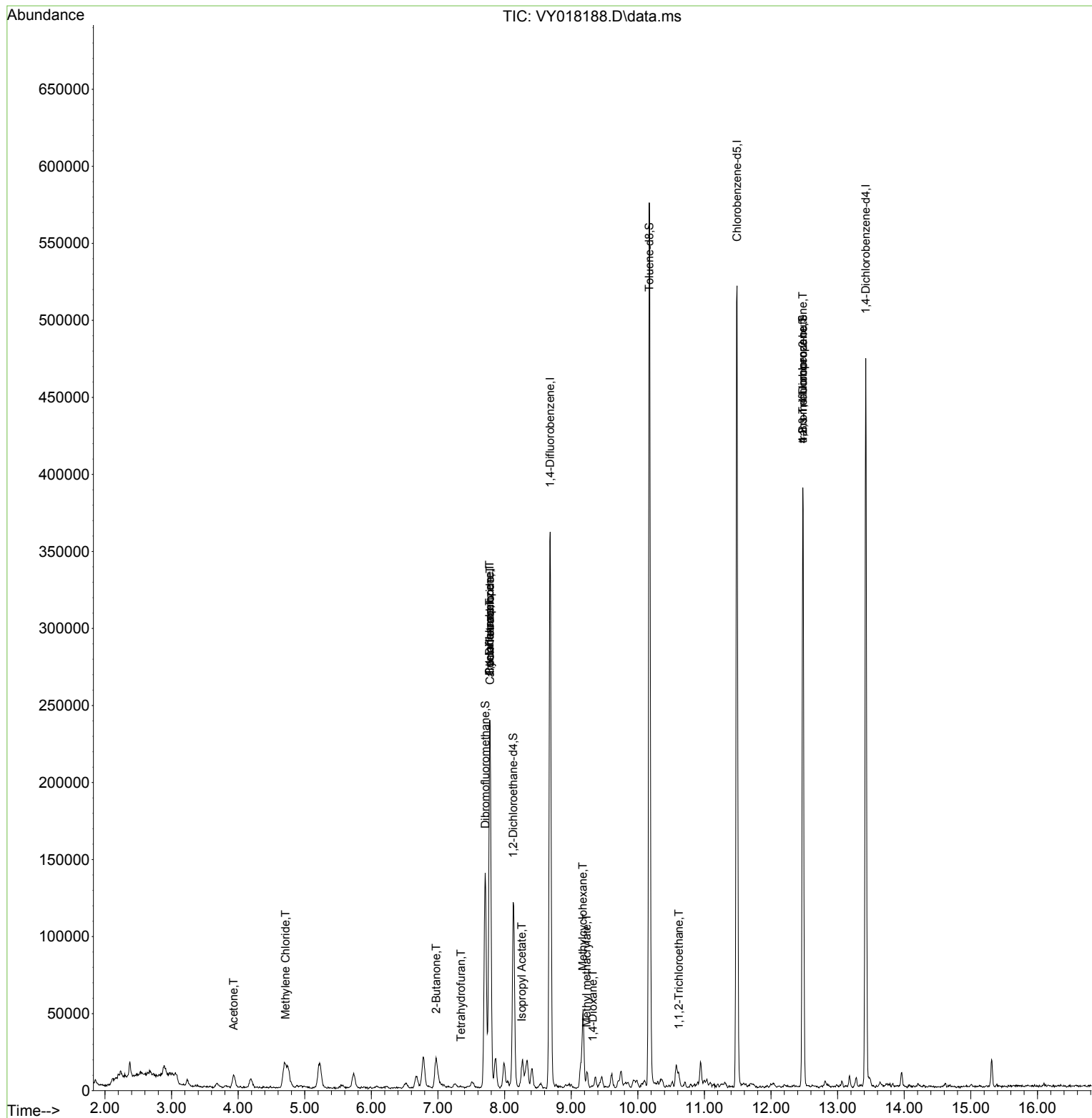
Internal Standards						
1) Pentafluorobenzene	7.777	168	184283	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	340931	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	305090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	124794	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	87737	64.716	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.440%	
35) Dibromofluoromethane	7.710	113	100419	56.045	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.100%	
50) Toluene-d8	10.173	98	381174	53.986	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.980%	
62) 4-Bromofluorobenzene	12.477	95	121918	53.469	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.940%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	853	Below Cal	#	88
13) Acrolein	3.717	56	488	Below Cal	#	15
16) Acetone	3.930	43	13193	48.764	ug/l	94
20) Methylene Chloride	4.710	84	9073	4.745	ug/l #	88
25) 2-Butanone	6.972	43	4397	10.167	ug/l	95
29) Tetrahydrofuran	7.344	42	291	1.019	ug/l #	70
31) Cyclohexane	7.777	56	11176	2.175	ug/l #	60
36) 1,1-Dichloropropene	7.777	75	13625	5.304	ug/l #	50
38) Carbon Tetrachloride	7.783	117	17509	6.238	ug/l #	17
39) Methylcyclohexane	9.173	83	20692	5.584	ug/l	95
43) Isopropyl Acetate	8.258	43	4746	2.142	ug/l #	47
48) Methyl methacrylate	9.234	41	2454	2.416	ug/l #	26
49) 1,4-Dioxane	9.325	88	22	1.596	ug/l #	20
55) 1,1,2-Trichloroethane	10.618	97	3113	2.182	ug/l #	24
76) 1,2,3-Trichloropropane	12.477	75	59514	59.580	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	59514	114.790	ug/l #	16

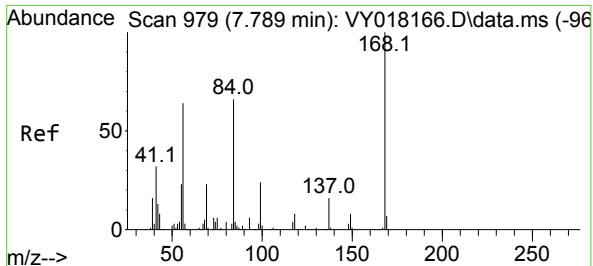
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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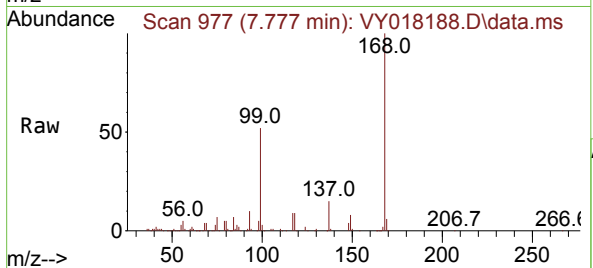
Quant Time: May 09 02:26:49 2024
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Quant Title : SW846 8260
QLast Update : Wed May 08 01:40:14 2024
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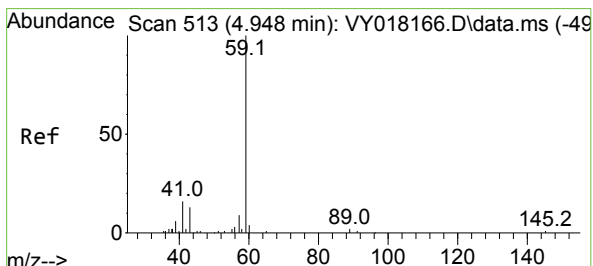
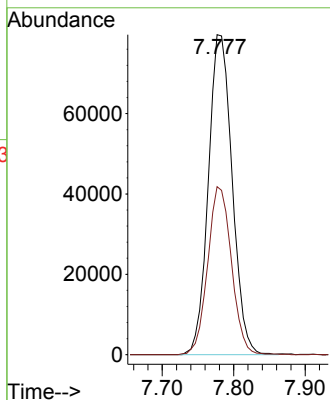
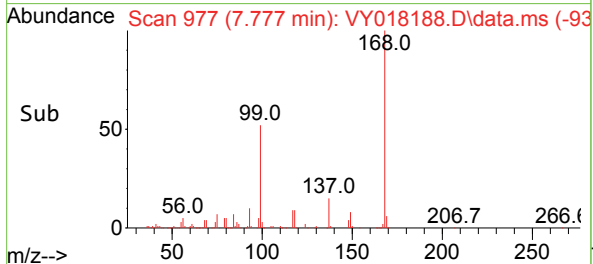


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY018188.D
Acq: 08 May 2024 15:09

Instrument :
MSVOA_Y
ClientSampleId :

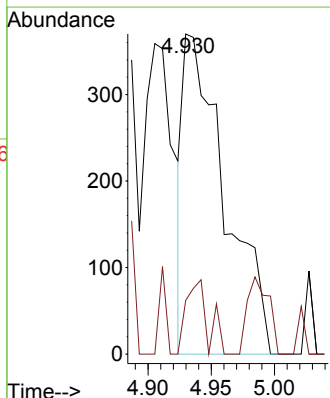
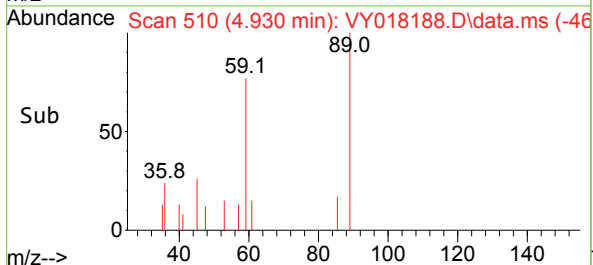
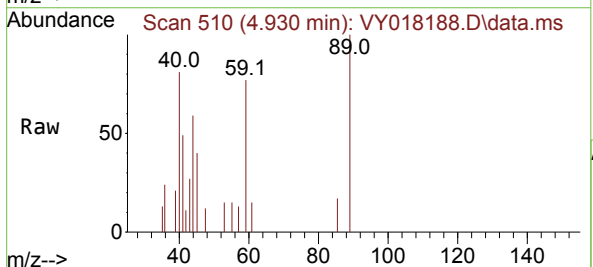


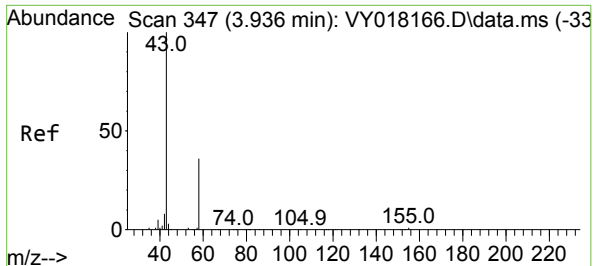
Tgt Ion:168 Resp: 184283
Ion Ratio Lower Upper
168 100
99 52.5 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY018188.D
Acq: 08 May 2024 15:09

Tgt Ion: 59 Resp: 853
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

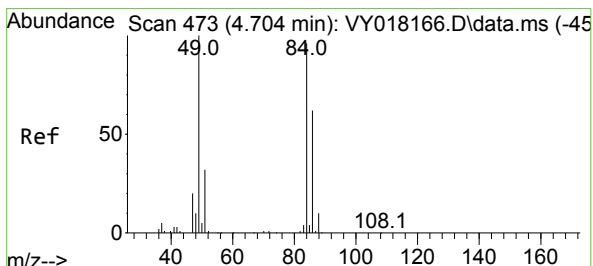
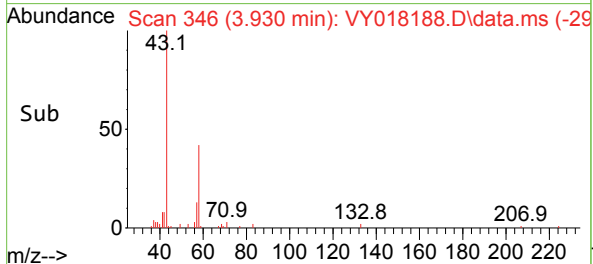
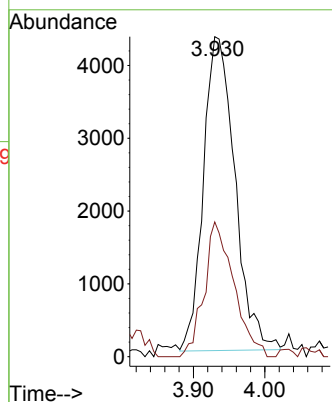
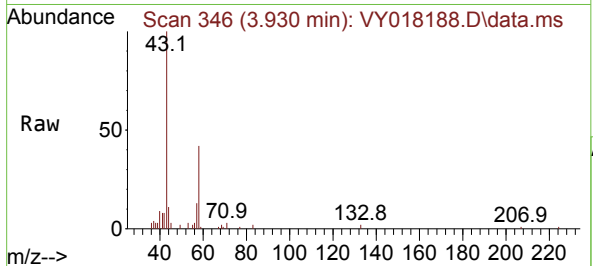




#16
Acetone
Concen: 48.764 ug/l
RT: 3.930 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY018188.D
Acq: 08 May 2024 15:09

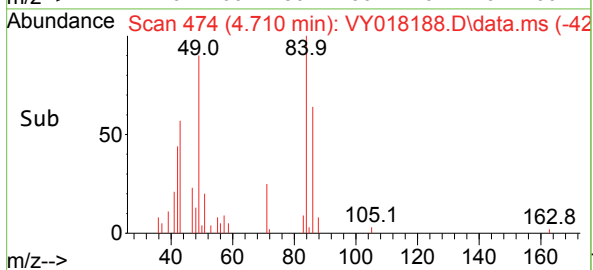
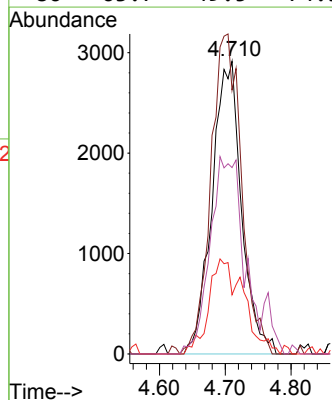
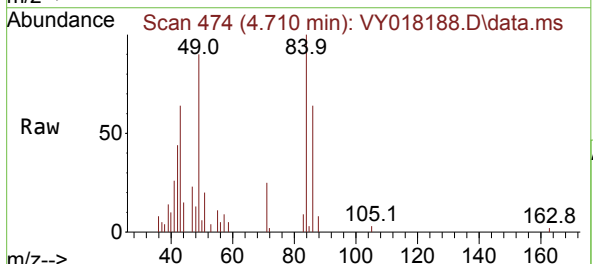
Instrument :
MSVOA_Y
ClientSampleId :

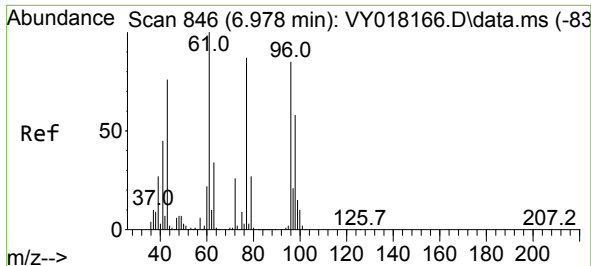
Tgt Ion: 43 Resp: 13193
Ion Ratio Lower Upper
43 100
58 43.0 31.7 47.5



#20
Methylene Chloride
Concen: 4.745 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY018188.D
Acq: 08 May 2024 15:09

Tgt Ion: 84 Resp: 9073
Ion Ratio Lower Upper
84 100
49 90.1 84.4 126.6
51 20.2 26.0 39.0#
86 63.7 49.5 74.3





#25

2-Butanone

Concen: 10.167 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY018188.D

Acq: 08 May 2024 15:09

Instrument :

MSVOA_Y

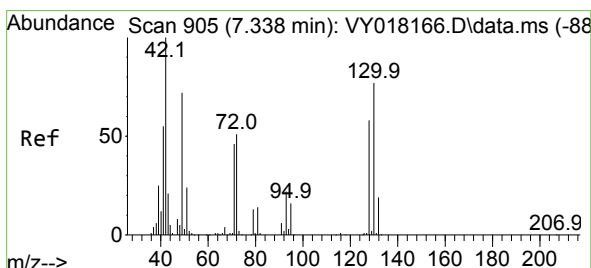
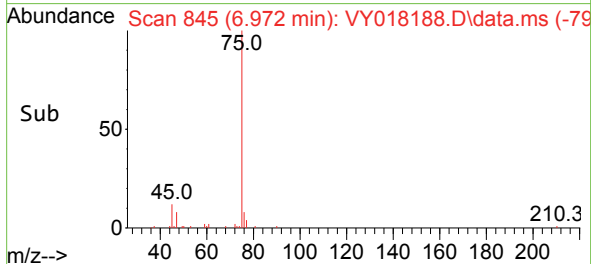
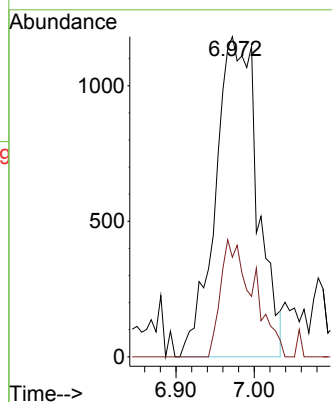
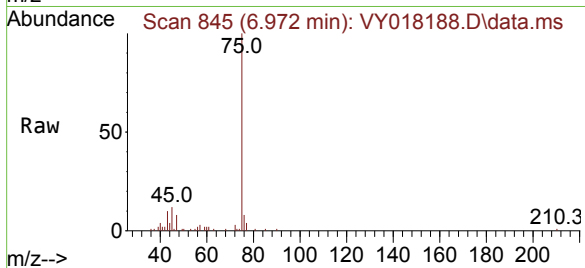
ClientSampleId :

Tgt Ion: 43 Resp: 4397

Ion Ratio Lower Upper

43 100

72 31.1 27.3 40.9



#29

Tetrahydrofuran

Concen: 1.019 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY018188.D

Acq: 08 May 2024 15:09

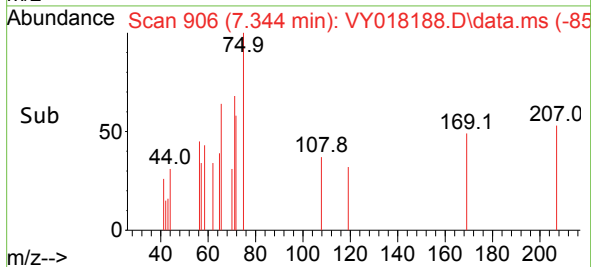
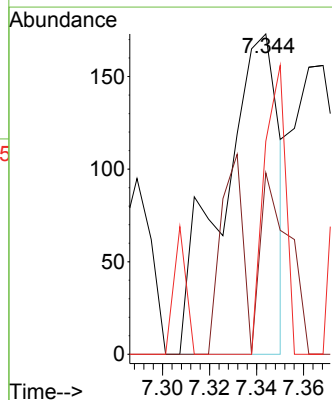
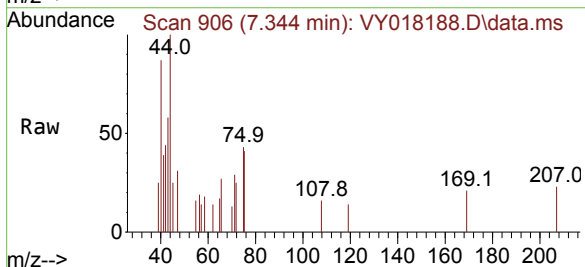
Tgt Ion: 42 Resp: 291

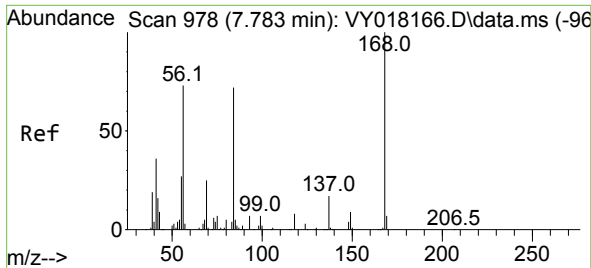
Ion Ratio Lower Upper

42 100

72 28.5 43.0 64.4#

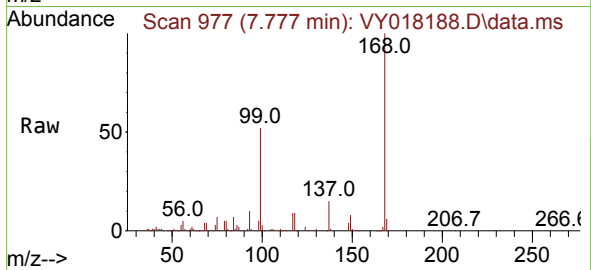
71 34.0 40.8 61.2#



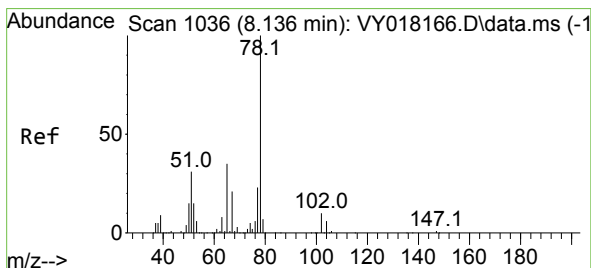
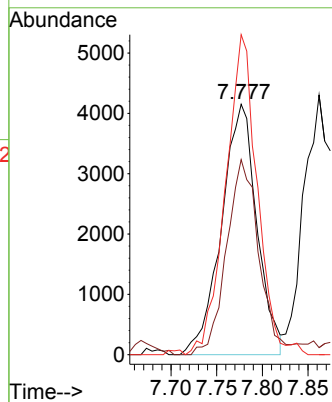
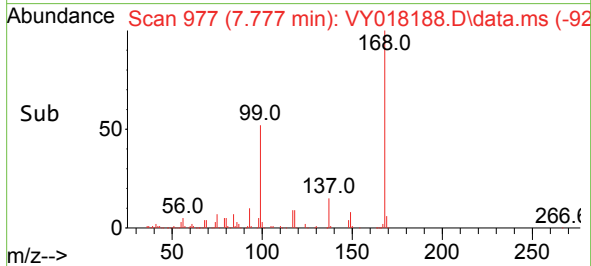


#31
Cyclohexane
Concen: 2.175 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018188.D
Acq: 08 May 2024 15:09

Instrument :
MSVOA_Y
ClientSampleId :

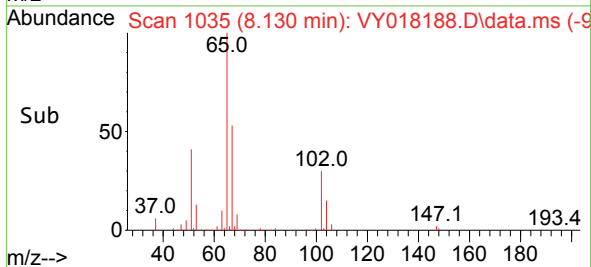
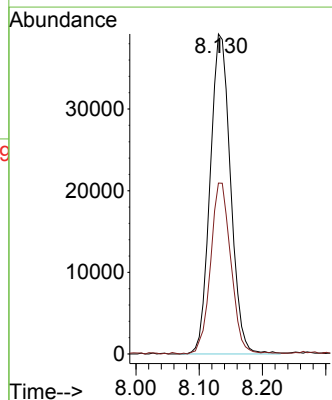
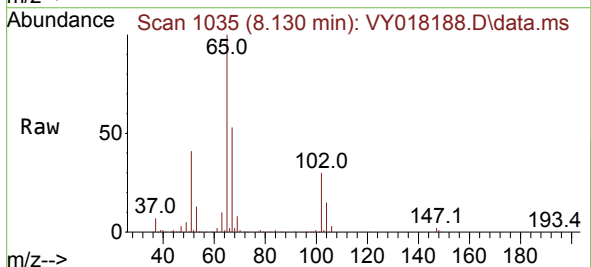


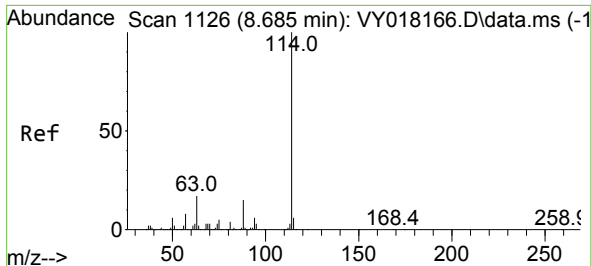
Tgt Ion: 56 Resp: 11176
Ion Ratio Lower Upper
56 100
69 76.4 28.7 43.1#
84 125.9 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 64.716 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018188.D
Acq: 08 May 2024 15:09

Tgt Ion: 65 Resp: 87737
Ion Ratio Lower Upper
65 100
67 53.1 0.0 109.6

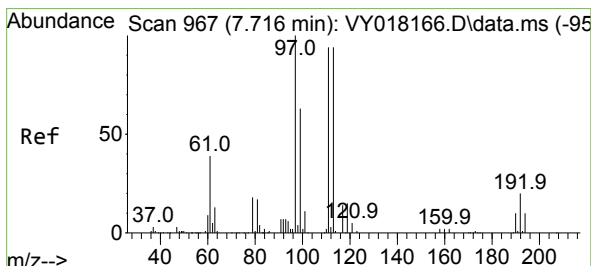
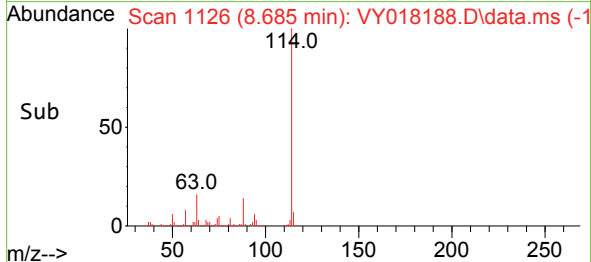
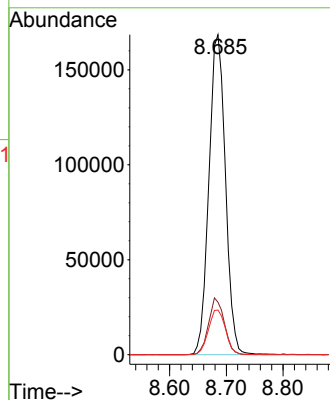
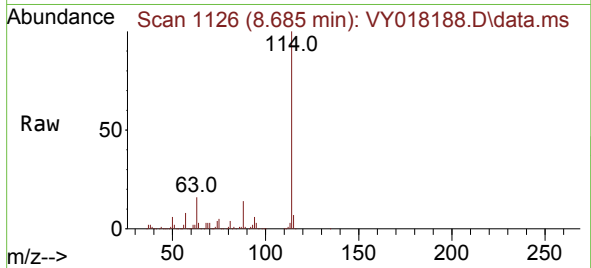




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018188.D
Acq: 08 May 2024 15:09

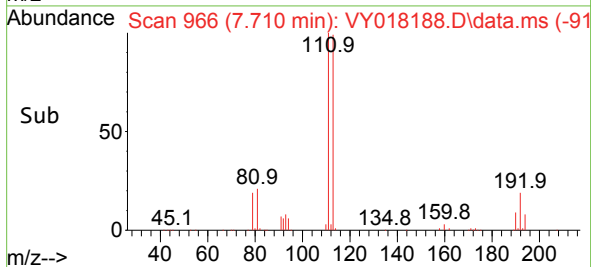
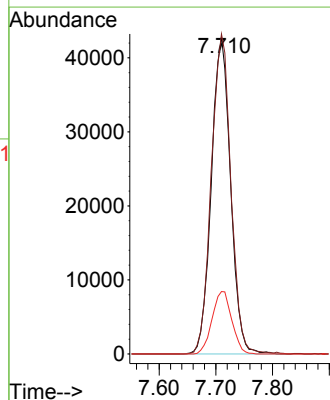
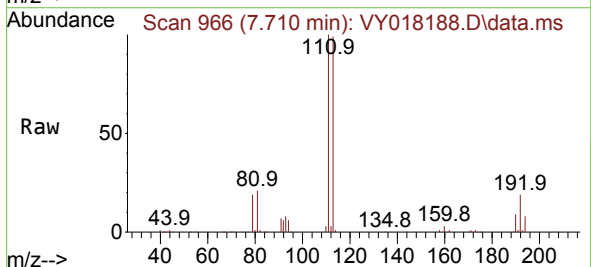
Instrument :
MSVOA_Y
ClientSampleId :

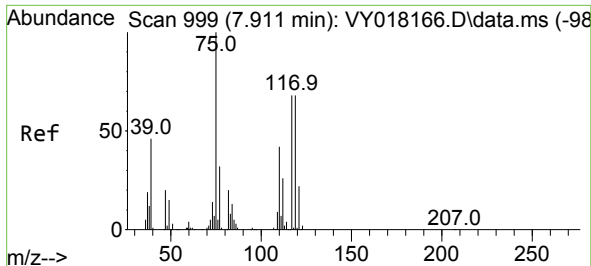
Tgt Ion:114 Resp: 340931
Ion Ratio Lower Upper
114 100
63 16.4 0.0 35.0
88 14.0 0.0 27.2



#35
Dibromofluoromethane
Concen: 56.045 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY018188.D
Acq: 08 May 2024 15:09

Tgt Ion:113 Resp: 100419
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 20.2 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.304 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY018188.D

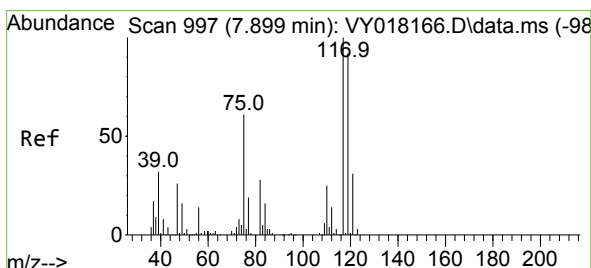
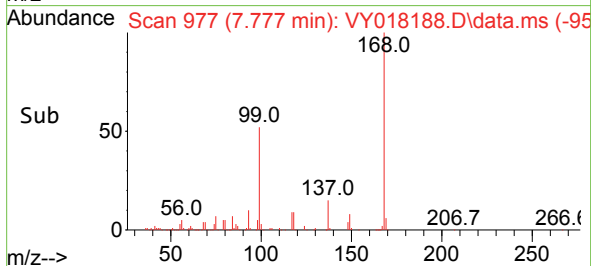
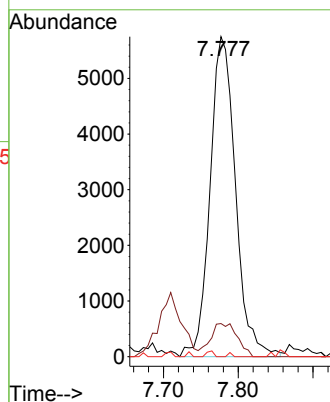
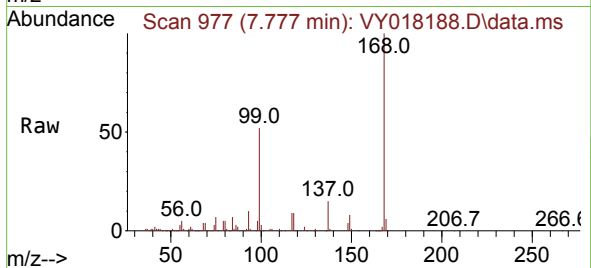
Acq: 08 May 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	75	Resp:	13625
Ion Ratio	Lower	Upper	
75	100		
110	10.9	19.0	57.0#
77	0.2	25.3	37.9#



#38

Carbon Tetrachloride

Concen: 6.238 ug/l

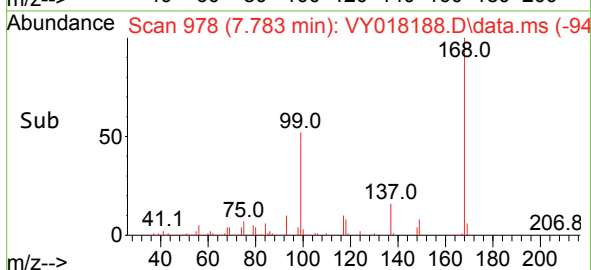
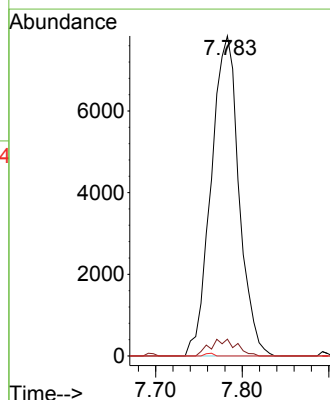
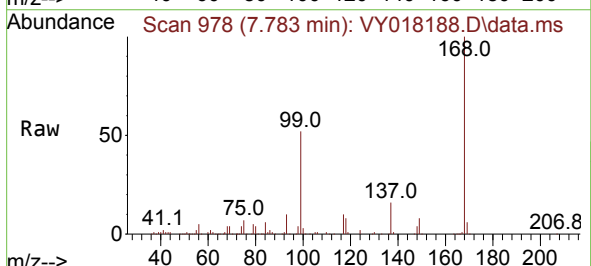
RT: 7.783 min Scan# 978

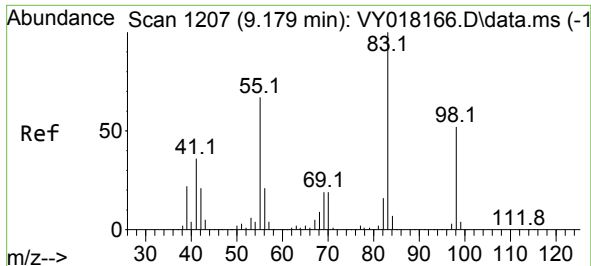
Delta R.T. -0.116 min

Lab File: VY018188.D

Acq: 08 May 2024 15:09

Tgt Ion:	117	Resp:	17509
Ion Ratio	Lower	Upper	
117	100		
119	5.2	75.8	113.6#
121	0.0	24.0	36.0#





#39

Methylcyclohexane

Concen: 5.584 ug/l

RT: 9.173 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY018188.D

Acq: 08 May 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

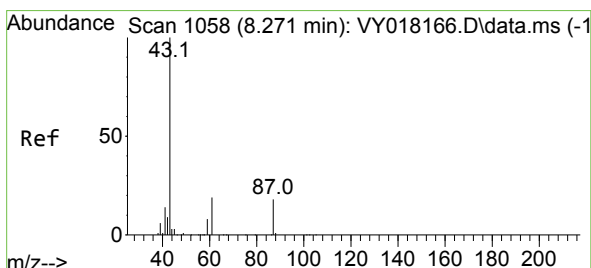
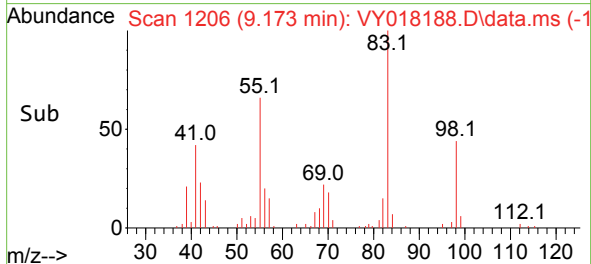
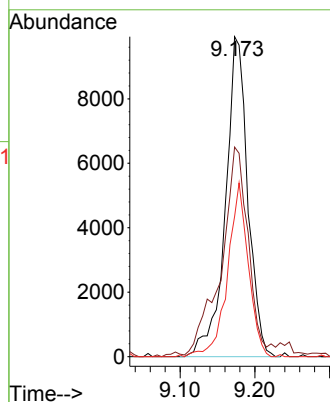
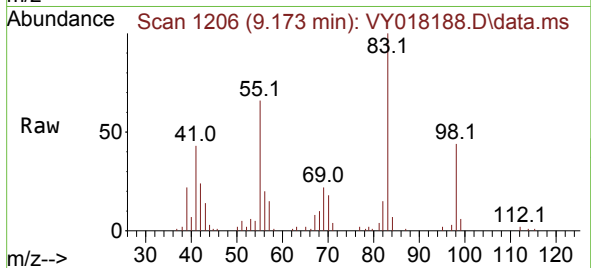
Tgt Ion: 83 Resp: 20692

Ion Ratio Lower Upper

83 100

55 64.7 51.5 77.3

98 43.2 40.5 60.7



#43

Isopropyl Acetate

Concen: 2.142 ug/l

RT: 8.258 min Scan# 1056

Delta R.T. -0.012 min

Lab File: VY018188.D

Acq: 08 May 2024 15:09

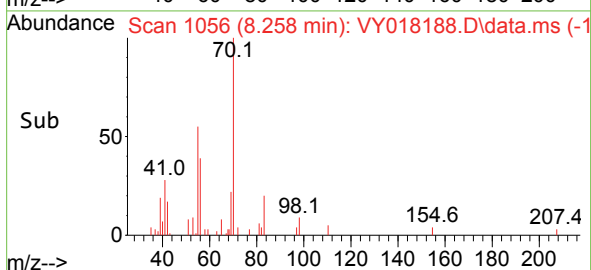
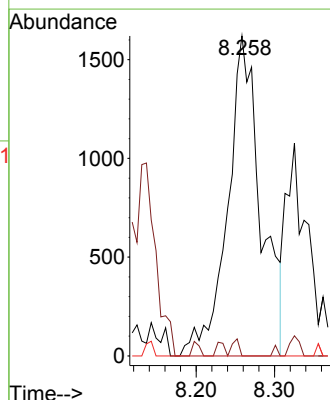
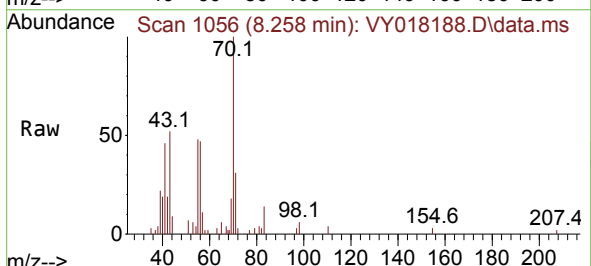
Tgt Ion: 43 Resp: 4746

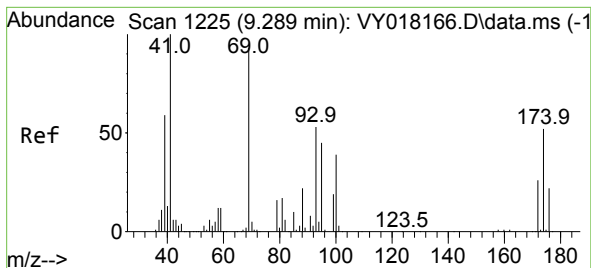
Ion Ratio Lower Upper

43 100

61 0.0 27.9 41.9#

87 0.0 13.1 19.7#





#48

Methyl methacrylate

Concen: 2.416 ug/l

RT: 9.234 min Scan# 11

Delta R.T. -0.055 min

Lab File: VY018188.D

Acq: 08 May 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

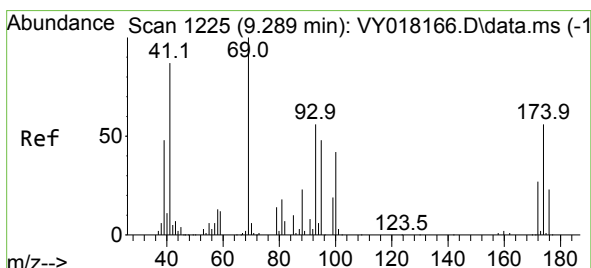
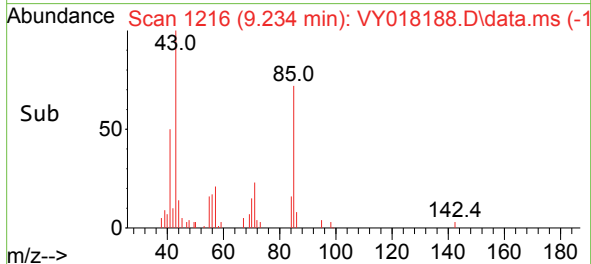
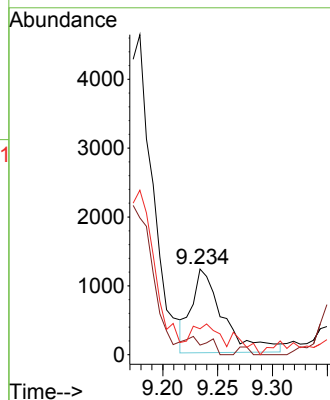
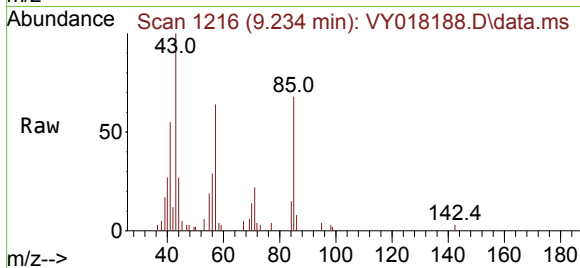
Tgt Ion: 41 Resp: 2454

Ion Ratio Lower Upper

41 100

69 15.3 84.1 126.1#

39 20.5 43.6 65.4#



#49

1,4-Dioxane

Concen: 1.596 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.037 min

Lab File: VY018188.D

Acq: 08 May 2024 15:09

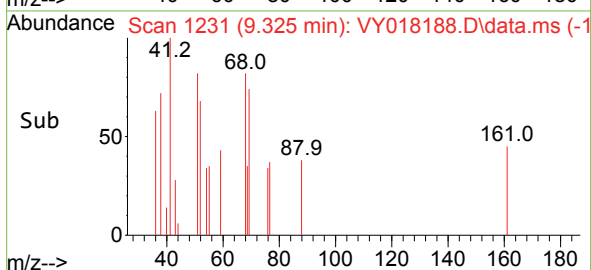
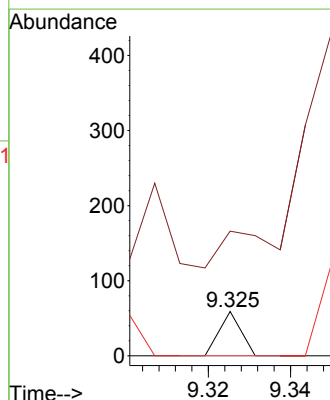
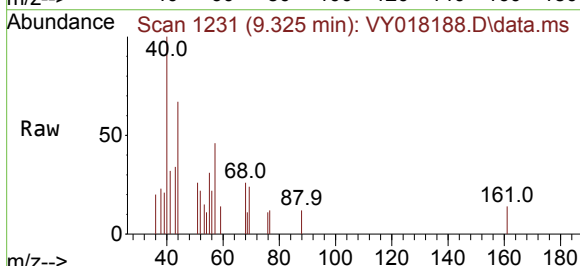
Tgt Ion: 88 Resp: 22

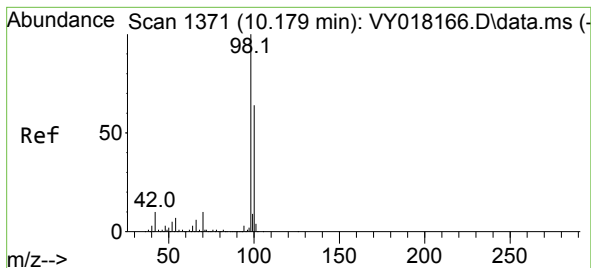
Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 49.3 73.9#

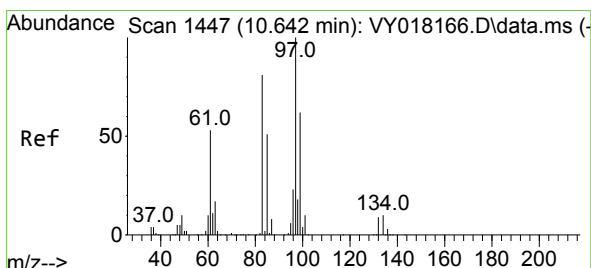
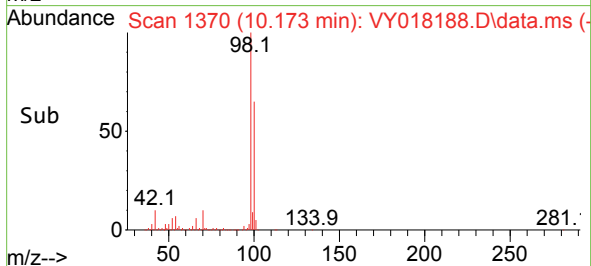
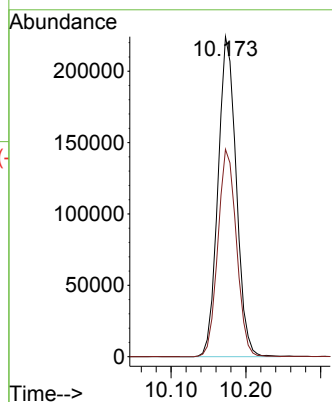
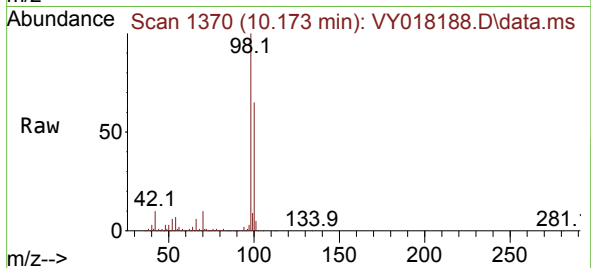




#50
Toluene-d8
Concen: 53.986 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018188.D
Acq: 08 May 2024 15:09

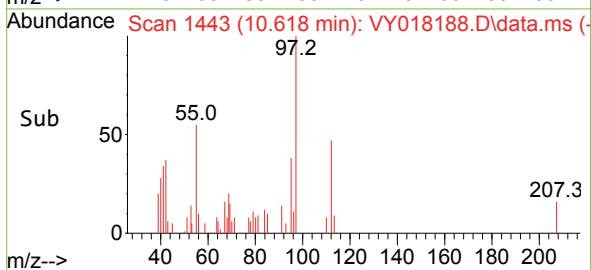
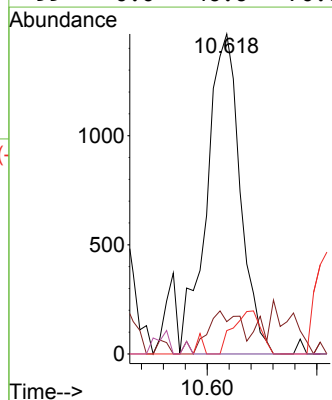
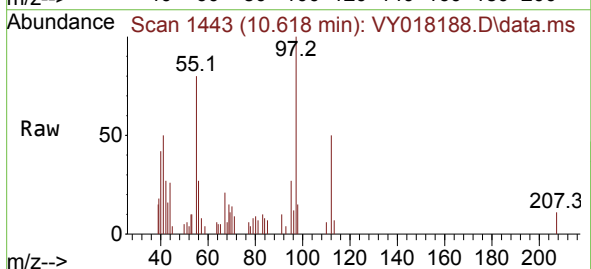
Instrument :
MSVOA_Y
ClientSampleId :

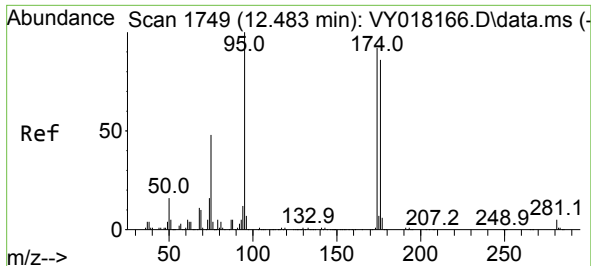
Tgt Ion: 98 Resp: 381174
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0



#55
1,1,2-Trichloroethane
Concen: 2.182 ug/l
RT: 10.618 min Scan# 1443
Delta R.T. -0.024 min
Lab File: VY018188.D
Acq: 08 May 2024 15:09

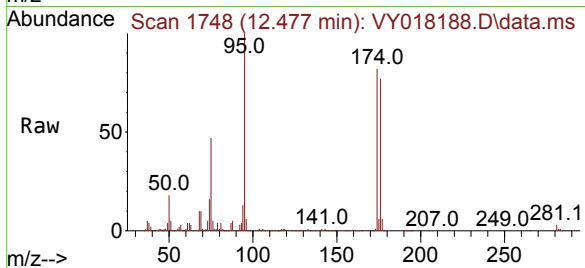
Tgt Ion: 97 Resp: 3113
Ion Ratio Lower Upper
97 100
83 10.1 67.5 101.3#
85 7.3 42.9 64.3#
99 0.0 46.6 70.0#



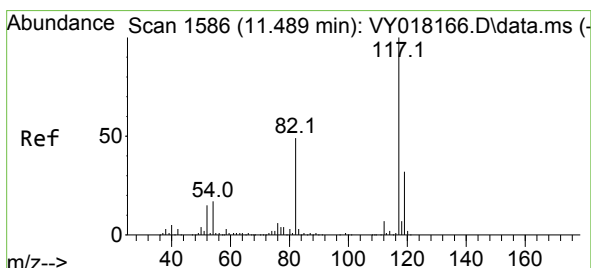
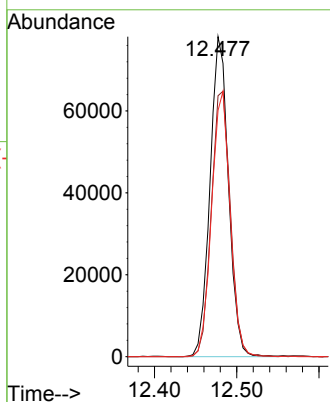
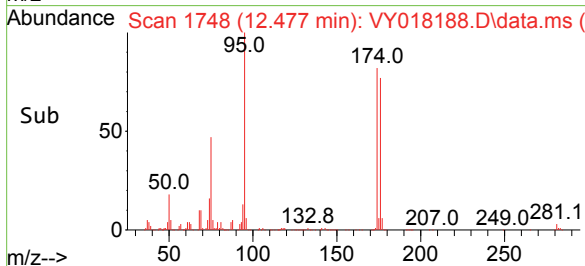


#62
4-Bromofluorobenzene
Concen: 53.469 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018188.D
Acq: 08 May 2024 15:09

Instrument :
MSVOA_Y
ClientSampleId :

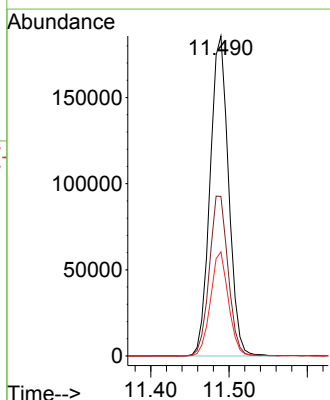
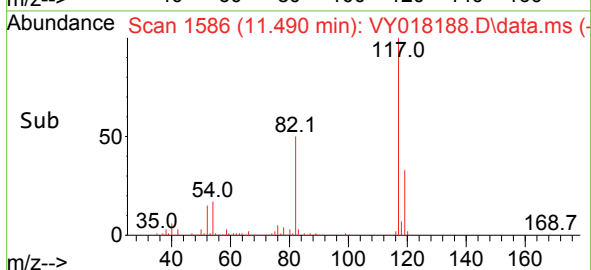
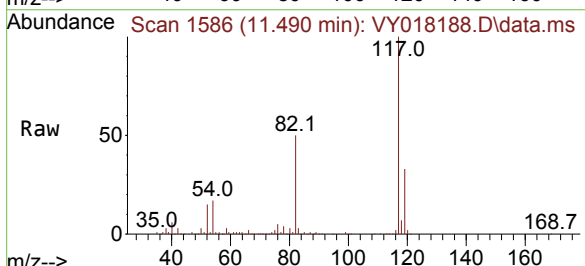


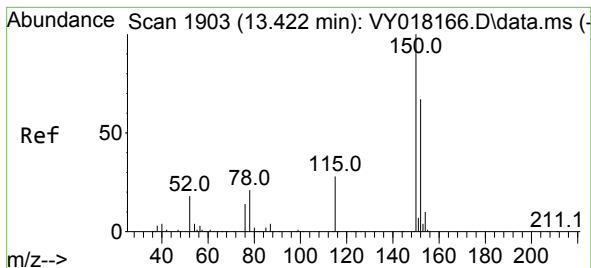
Tgt Ion: 95 Resp: 121918
Ion Ratio Lower Upper
95 100
174 85.8 0.0 175.6
176 83.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018188.D
Acq: 08 May 2024 15:09

Tgt Ion: 117 Resp: 305090
Ion Ratio Lower Upper
117 100
82 49.8 42.4 63.6
119 32.6 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: VY018188.D

Acq: 08 May 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

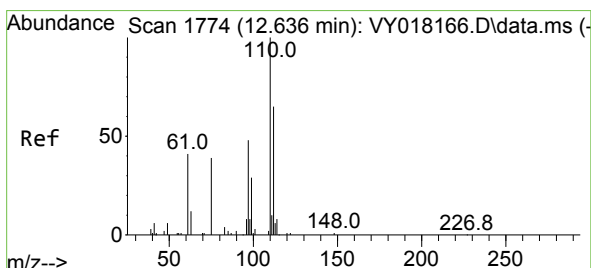
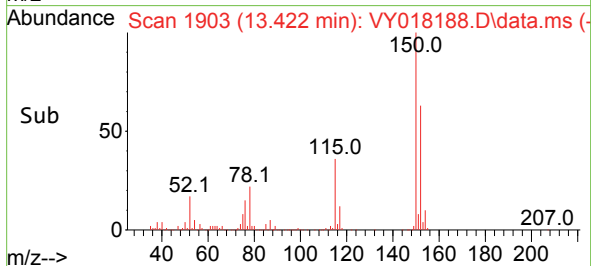
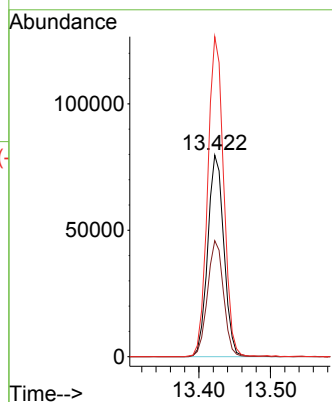
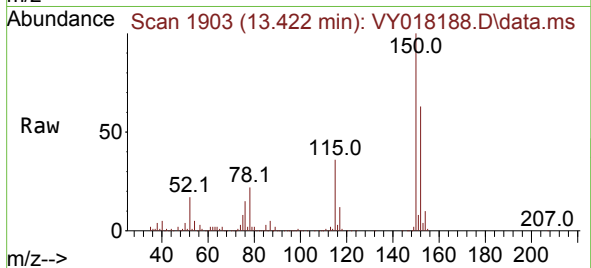
Tgt Ion:152 Resp: 124794

Ion Ratio Lower Upper

152 100

115 57.2 28.2 84.7

150 156.8 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 59.580 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.158 min

Lab File: VY018188.D

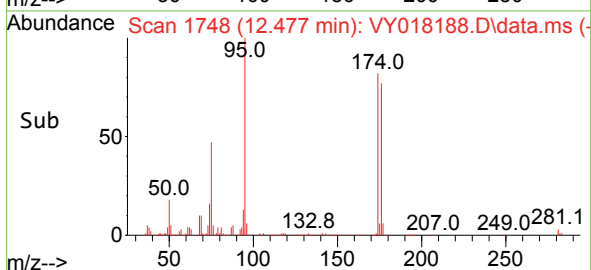
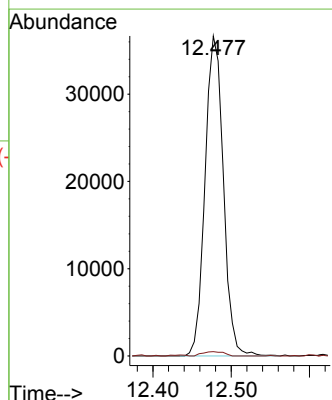
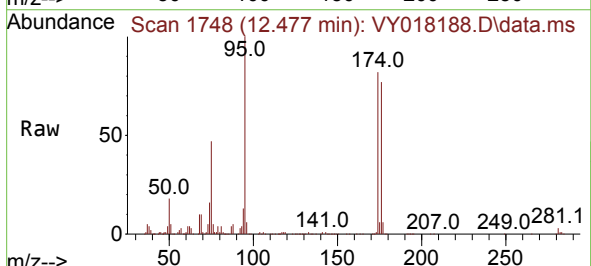
Acq: 08 May 2024 15:09

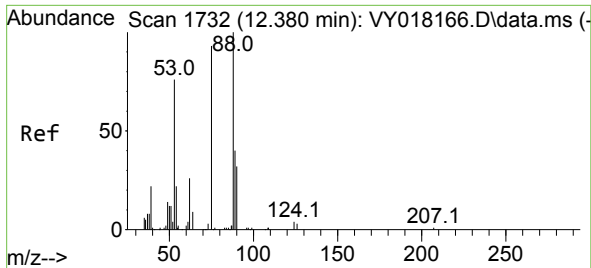
Tgt Ion: 75 Resp: 59514

Ion Ratio Lower Upper

75 100

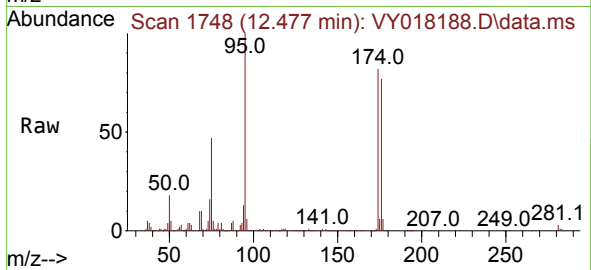
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 114.790 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY018188.D
 Acq: 08 May 2024 15:09

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	59514
Ion	Ratio	Lower	Upper
75	100		
53	0.1	66.8	100.2#
89	0.1	35.8	53.6#

