

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050624\
 Data File : VY018157.D
 Acq On : 06 May 2024 12:35
 Operator : SY/MD
 Sample : P2378-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 06 23:45:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

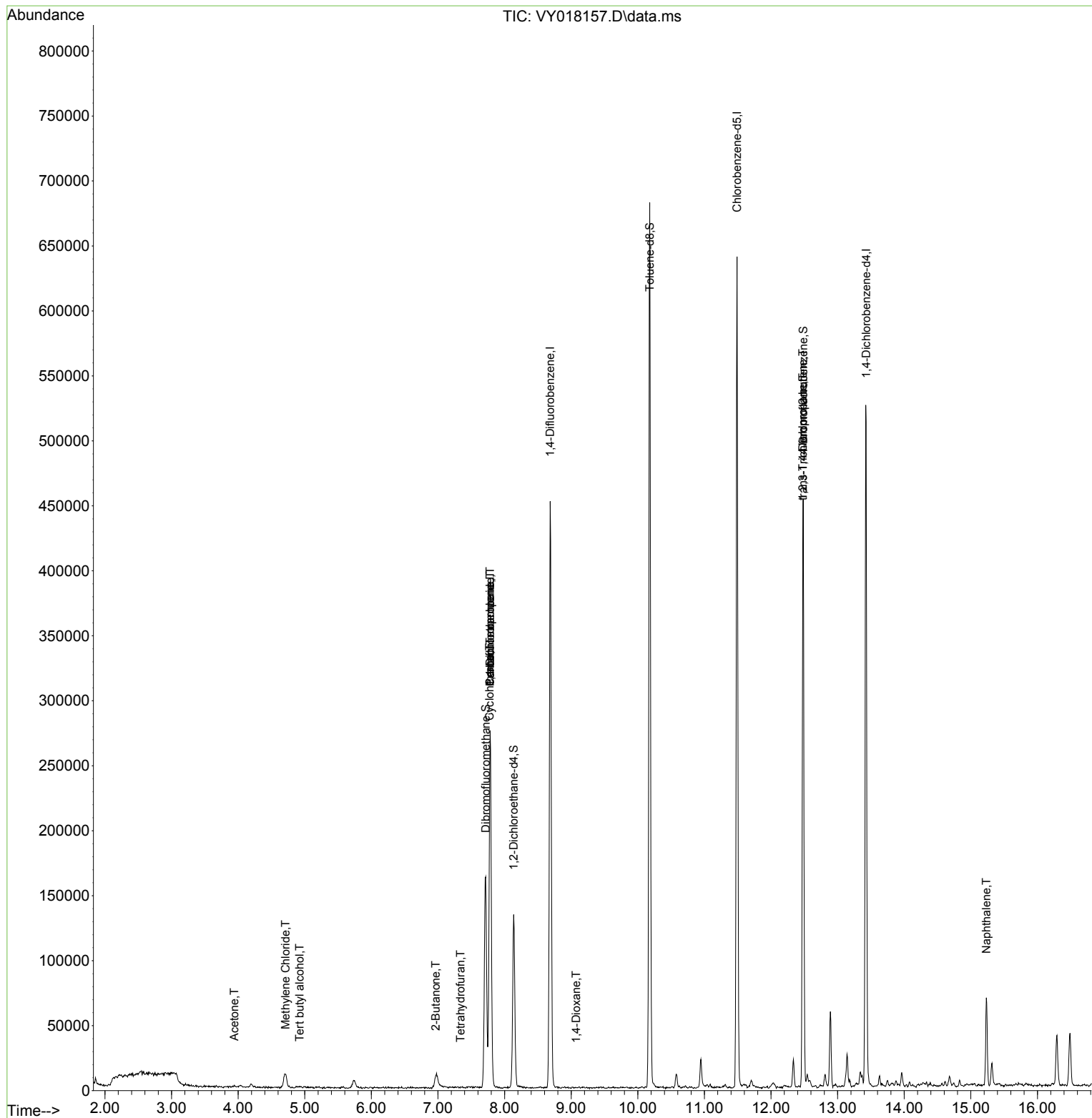
Internal Standards						
1) Pentafluorobenzene	7.783	168	227256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	412186	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	361117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	145388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	94105	52.534	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.060%			
35) Dibromofluoromethane	7.716	113	117256	49.502	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.000%			
50) Toluene-d8	10.179	98	456119	49.325	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.640%			
62) 4-Bromofluorobenzene	12.483	95	141345	44.415	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 88.820%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.923	59	705	4.829	ug/l #	51
16) Acetone	3.942	43	2666	7.812	ug/l #	86
20) Methylene Chloride	4.710	84	8778	3.671	ug/l	91
25) 2-Butanone	6.966	43	796	1.499	ug/l #	41
29) Tetrahydrofuran	7.338	42	383	1.135	ug/l #	26
31) Cyclohexane	7.777	56	4524	1.318	ug/l #	13
36) 1,1-Dichloropropene	7.783	75	15801	4.997	ug/l #	47
38) Carbon Tetrachloride	7.783	117	21103	5.880	ug/l #	16
49) 1,4-Dioxane	9.075	88	20	1.338	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	69479	56.942	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	69479	103.735	ug/l #	16
95) Naphthalene	15.233	128	57685	12.936	ug/l	98

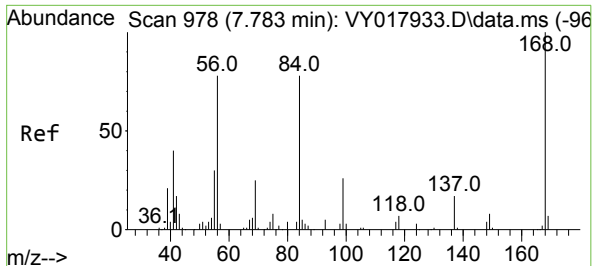
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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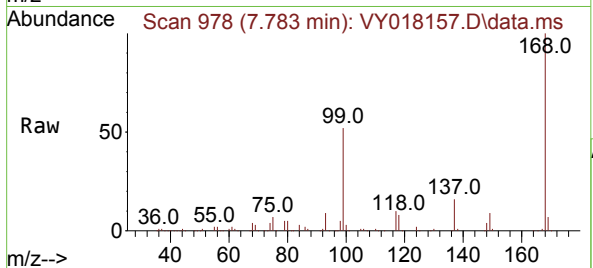
Quant Time: May 06 23:45:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
Quant Title : SW846 8260
QLast Update : Wed May 01 16:21:20 2024
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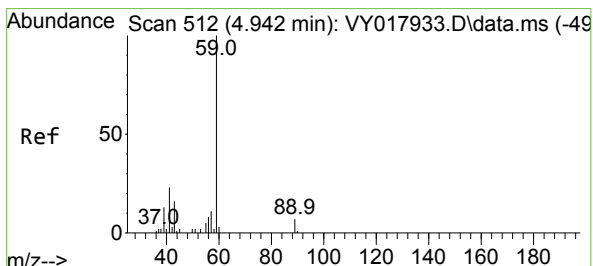
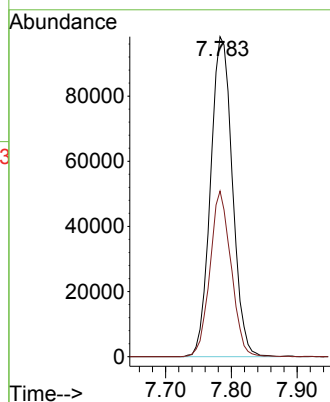
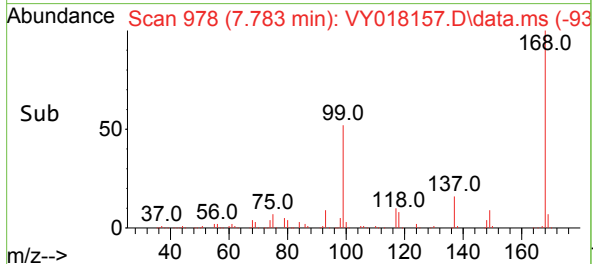


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018157.D
Acq: 06 May 2024 12:35

Instrument :
MSVOA_Y
ClientSampleId :

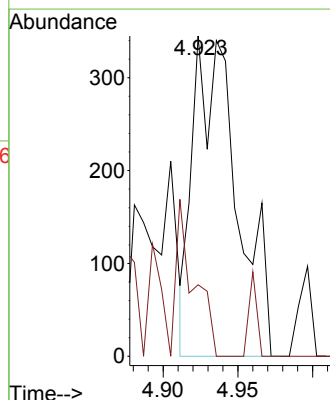
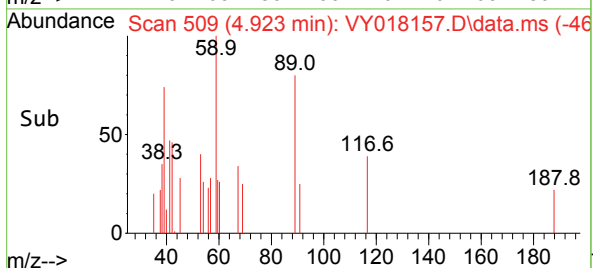
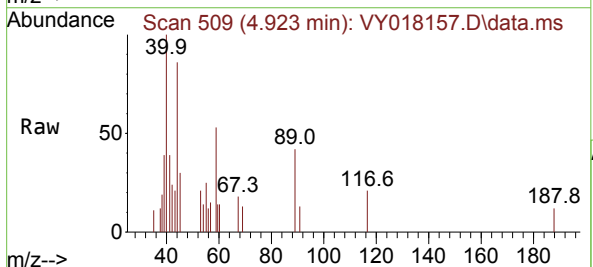


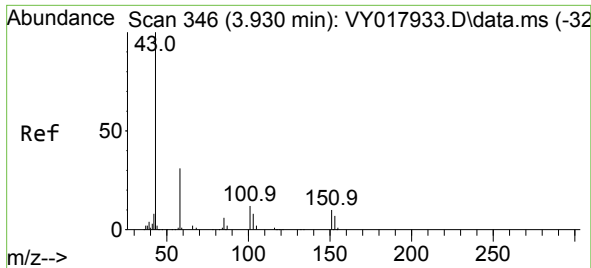
Tgt Ion:168 Resp: 227256
Ion Ratio Lower Upper
168 100
99 51.8 39.1 58.7



#11
Tert butyl alcohol
Concen: 4.829 ug/l
RT: 4.923 min Scan# 509
Delta R.T. -0.031 min
Lab File: VY018157.D
Acq: 06 May 2024 12:35

Tgt Ion: 59 Resp: 705
Ion Ratio Lower Upper
59 100
57 19.9 3.0 4.6#





#16

Acetone

Concen: 7.812 ug/l

RT: 3.942 min Scan# 346

Delta R.T. -0.006 min

Lab File: VY018157.D

Acq: 06 May 2024 12:35

Instrument :

MSVOA_Y

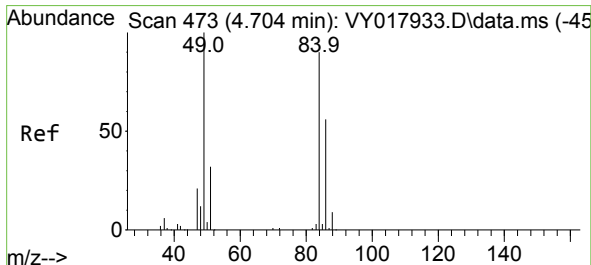
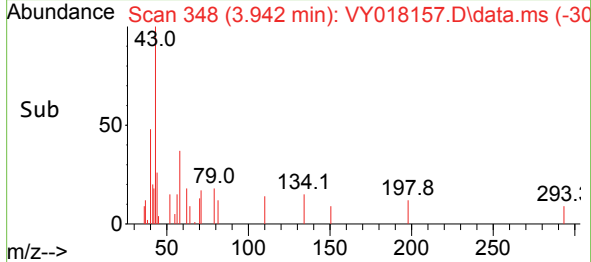
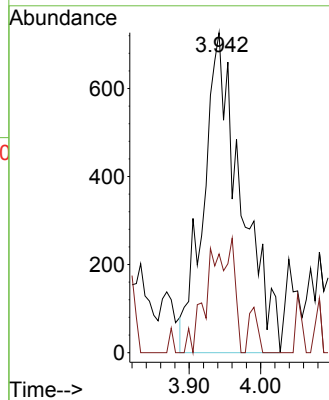
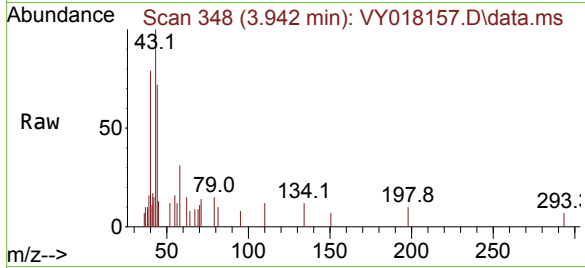
ClientSampleId :

Tgt Ion: 43 Resp: 2666

Ion Ratio Lower Upper

43 100

58 30.8 31.7 47.5#



#20

Methylene Chloride

Concen: 3.671 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY018157.D

Acq: 06 May 2024 12:35

Tgt Ion: 84 Resp: 8778

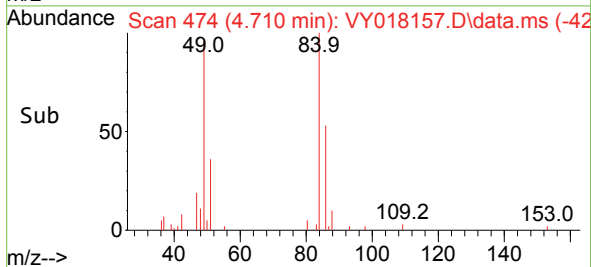
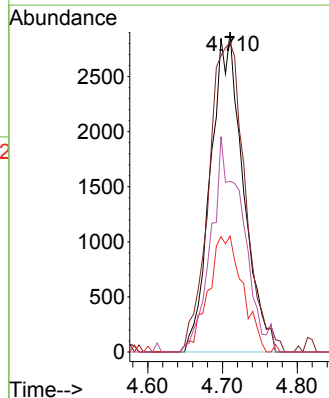
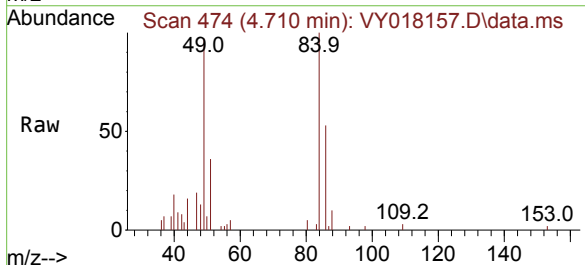
Ion Ratio Lower Upper

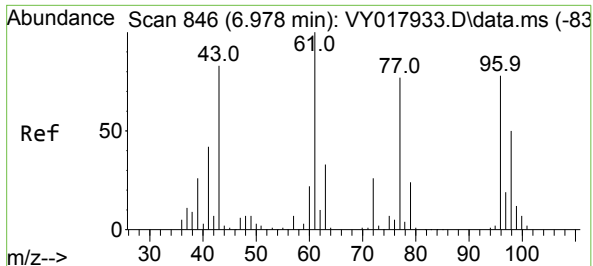
84 100

49 96.6 84.4 126.6

51 36.2 26.0 39.0

86 53.3 49.5 74.3

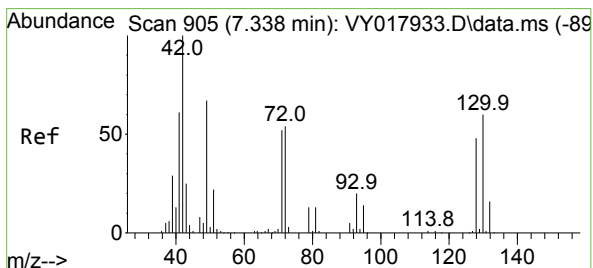
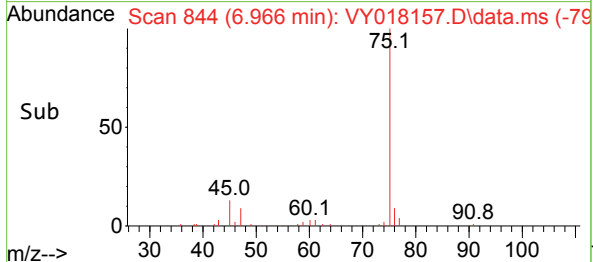
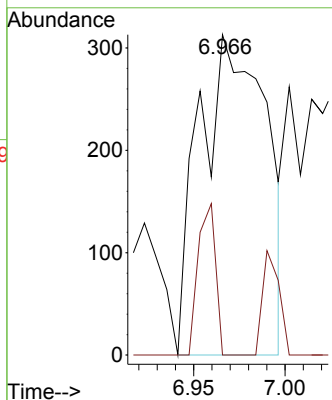
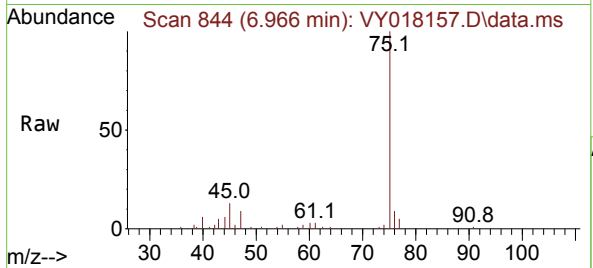




#25
2-Butanone
Concen: 1.499 ug/l
RT: 6.966 min Scan# 846
Delta R.T. -0.018 min
Lab File: VY018157.D
Acq: 06 May 2024 12:35

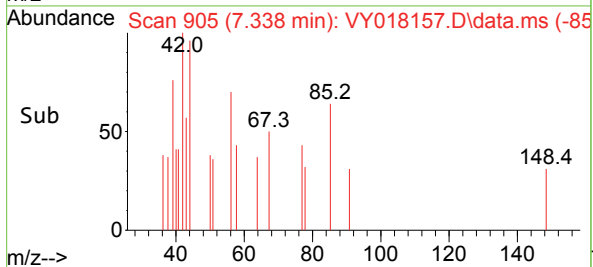
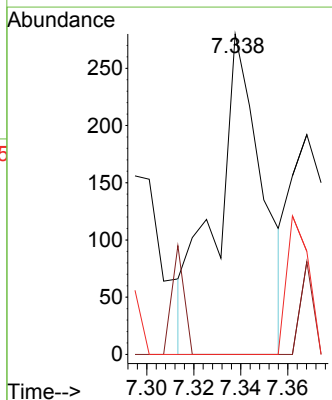
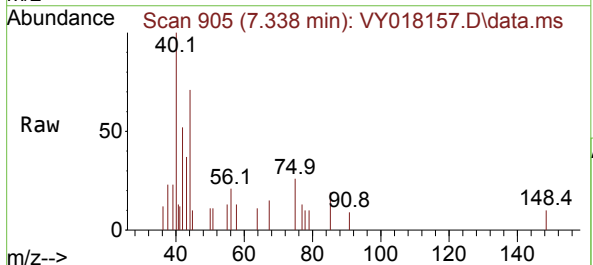
Instrument :
MSVOA_Y
ClientSampleId :

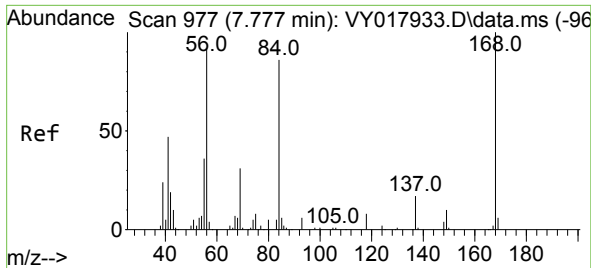
Tgt Ion: 43 Resp: 796
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#29
Tetrahydrofuran
Concen: 1.135 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.012 min
Lab File: VY018157.D
Acq: 06 May 2024 12:35

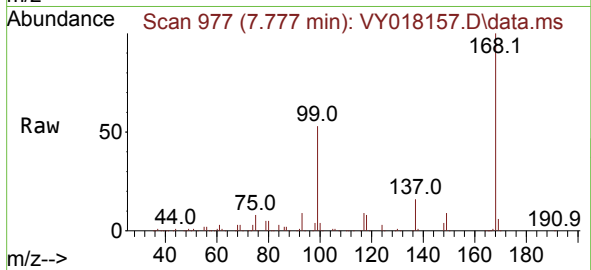
Tgt Ion: 42 Resp: 383
Ion Ratio Lower Upper
42 100
72 0.0 43.0 64.4#
71 0.0 40.8 61.2#



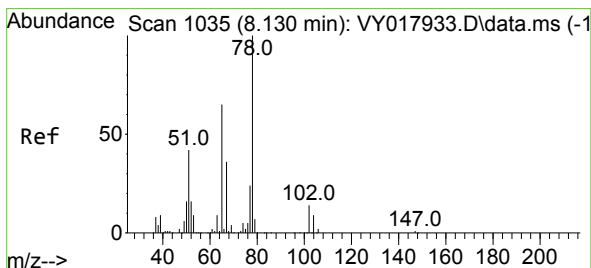
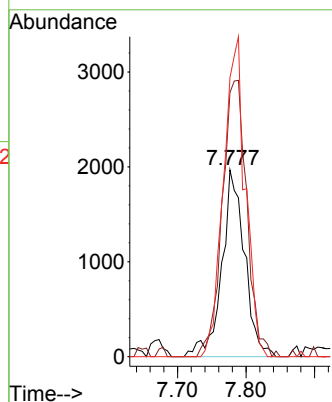
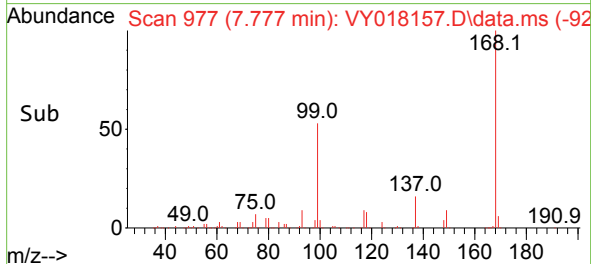


#31
Cyclohexane
Concen: 1.318 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018157.D
Acq: 06 May 2024 12:35

Instrument :
MSVOA_Y
ClientSampleId :

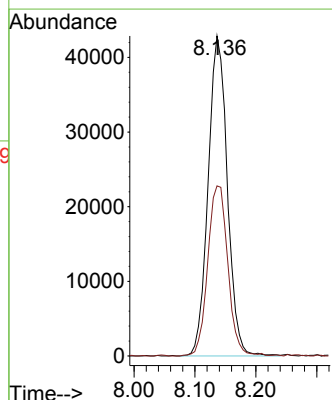
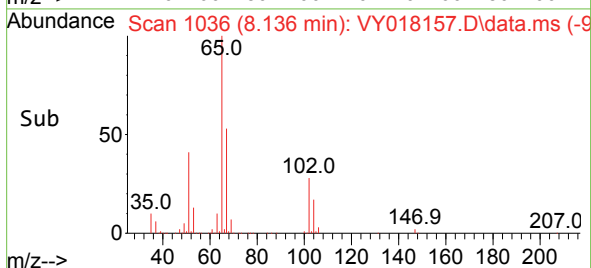
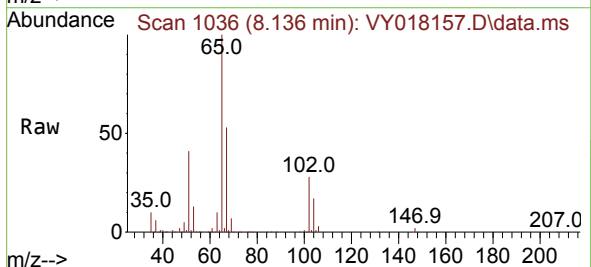


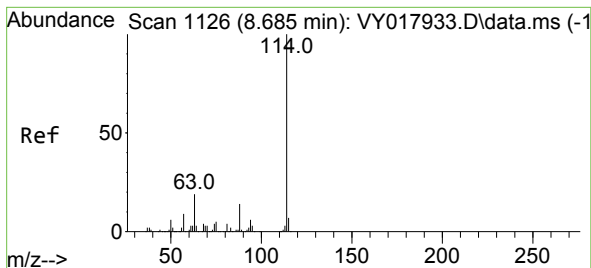
Tgt Ion: 56 Resp: 4524
Ion Ratio Lower Upper
56 100
69 141.4 28.7 43.1#
84 149.4 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 52.534 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018157.D
Acq: 06 May 2024 12:35

Tgt Ion: 65 Resp: 94105
Ion Ratio Lower Upper
65 100
67 55.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

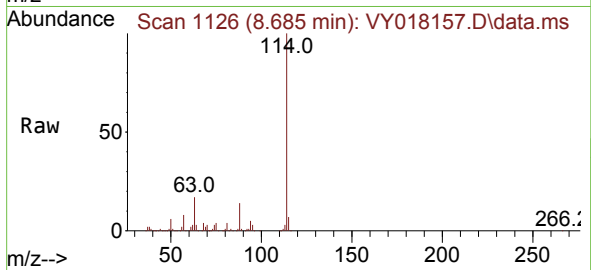
Lab File: VY018157.D

Acq: 06 May 2024 12:35

Instrument :

MSVOA_Y

ClientSampleId :



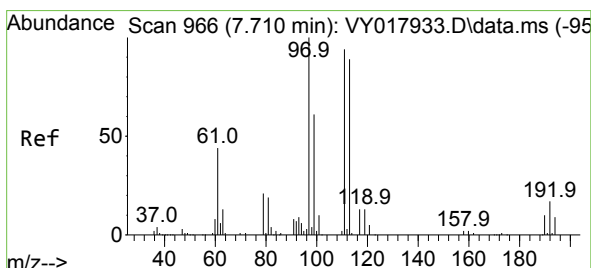
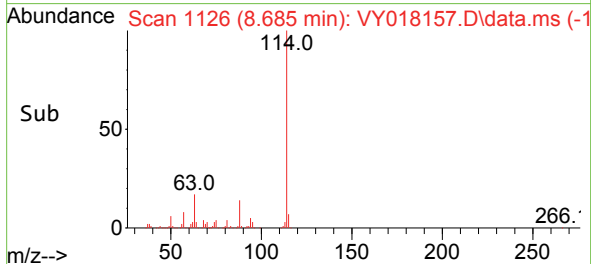
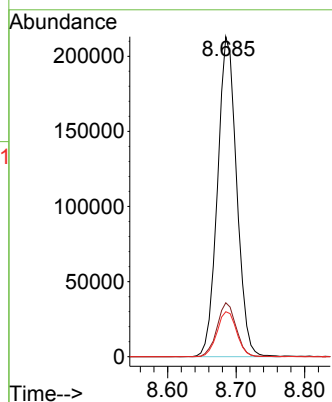
Tgt Ion:114 Resp: 412186

Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.502 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY018157.D

Acq: 06 May 2024 12:35

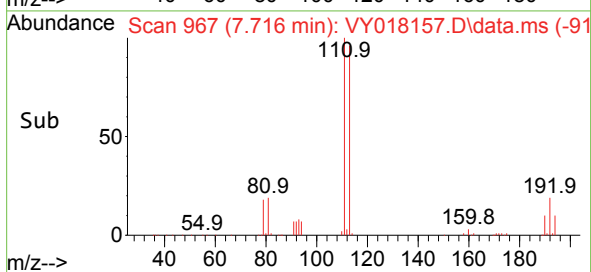
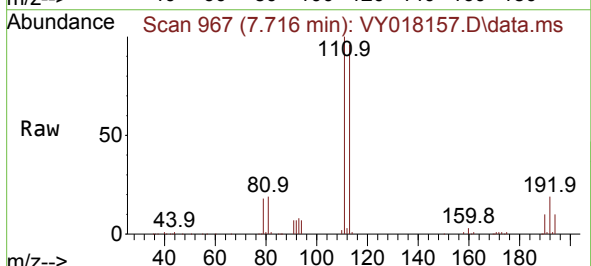
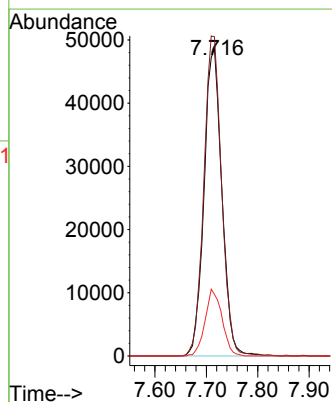
Tgt Ion:113 Resp: 117256

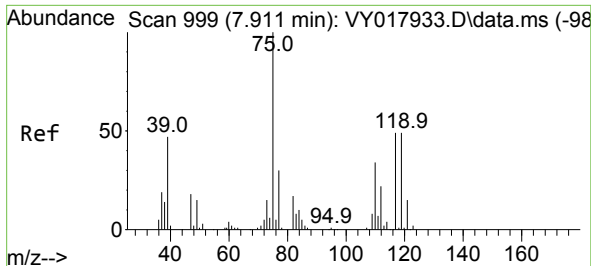
Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.4

192 20.6 15.9 23.9

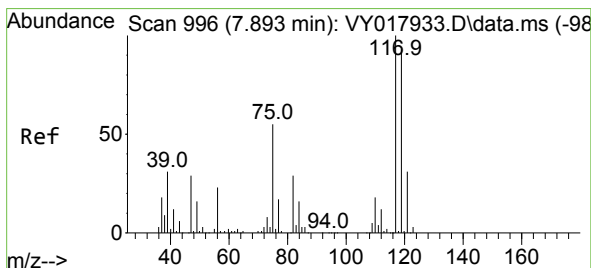
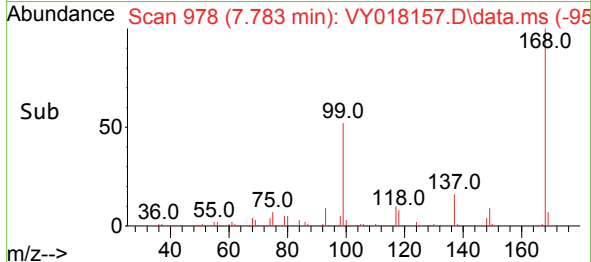
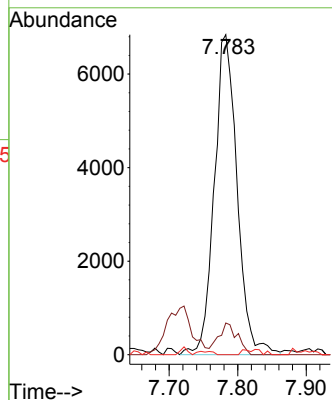
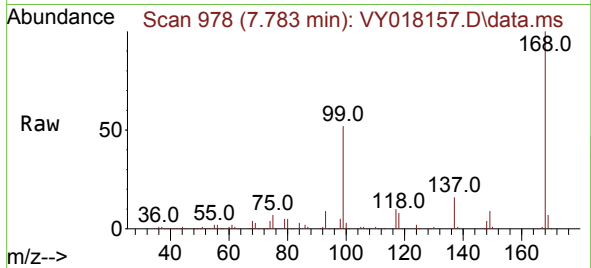




#36
1,1-Dichloropropene
Concen: 4.997 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY018157.D
Acq: 06 May 2024 12:35

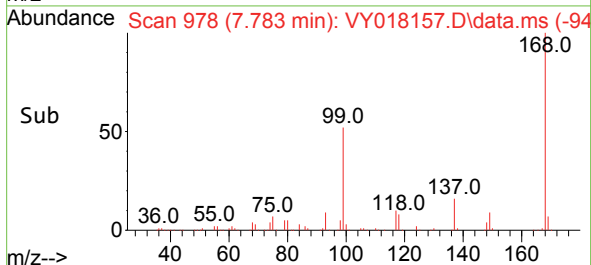
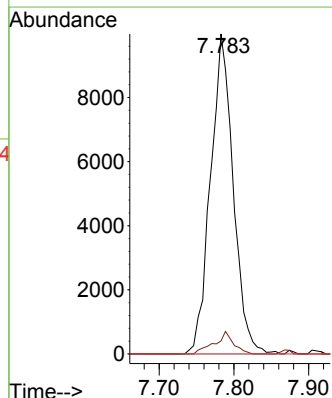
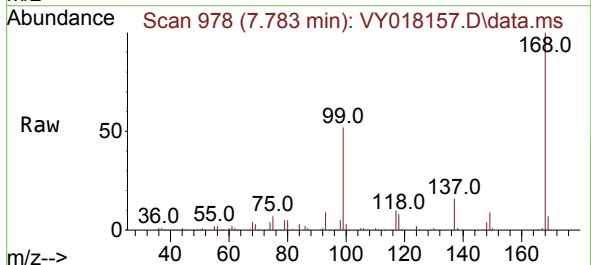
Instrument :
MSVOA_Y
ClientSampleId :

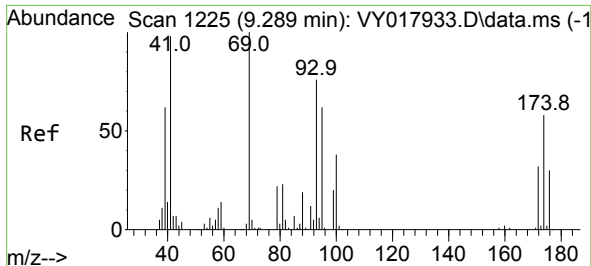
Tgt Ion: 75 Resp: 15801
Ion Ratio Lower Upper
75 100
110 8.1 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.880 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY018157.D
Acq: 06 May 2024 12:35

Tgt Ion: 117 Resp: 21103
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: 1.338 ug/l

RT: 9.075 min Scan# 1190

Delta R.T. -0.226 min

Lab File: VY018157.D

Acq: 06 May 2024 12:35

Instrument :

MSVOA_Y

ClientSampleId :

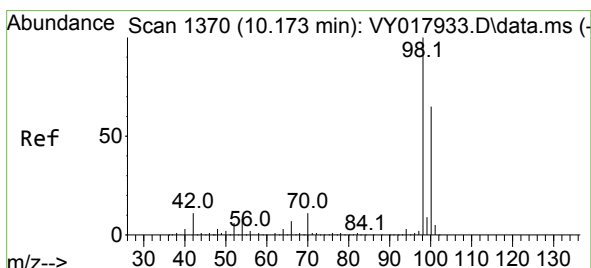
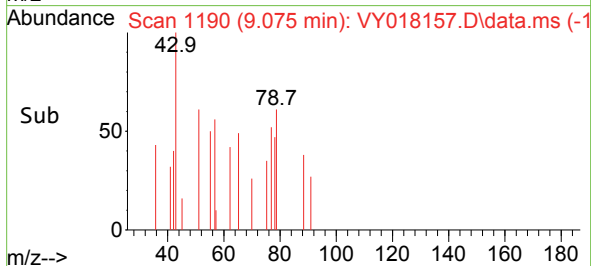
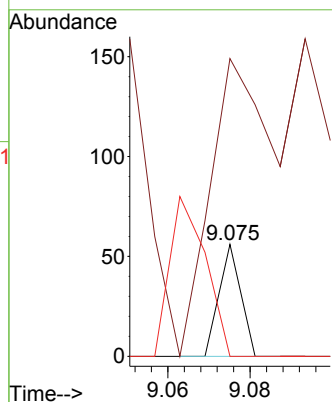
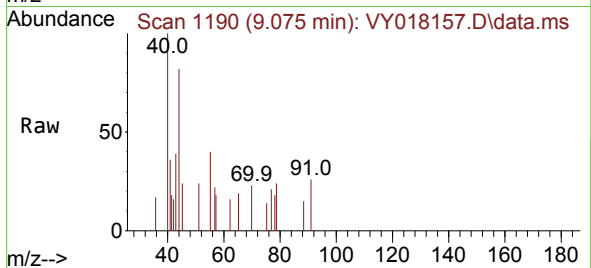
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 800.0 0.0 0.0#

58 240.0 49.3 73.9#



#50

Toluene-d8

Concen: 49.325 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY018157.D

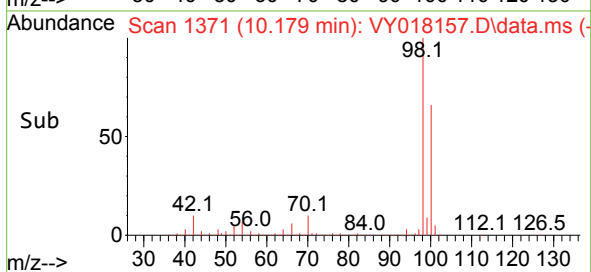
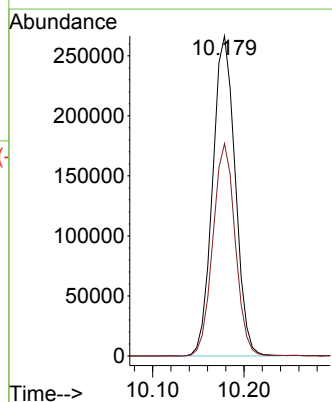
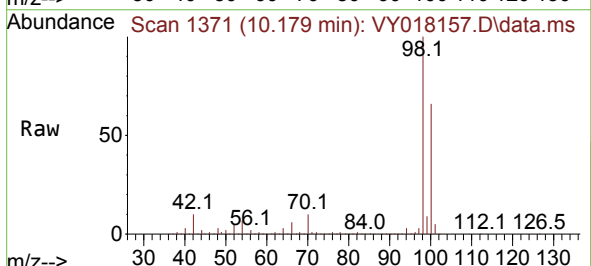
Acq: 06 May 2024 12:35

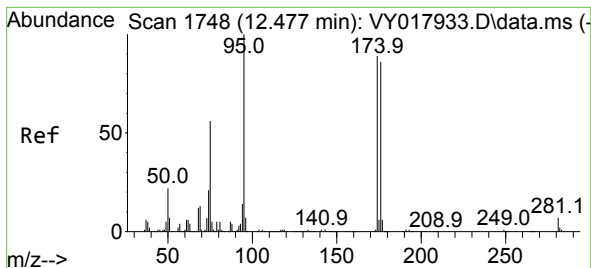
Tgt Ion: 98 Resp: 456119

Ion Ratio Lower Upper

98 100

100 65.6 52.0 78.0

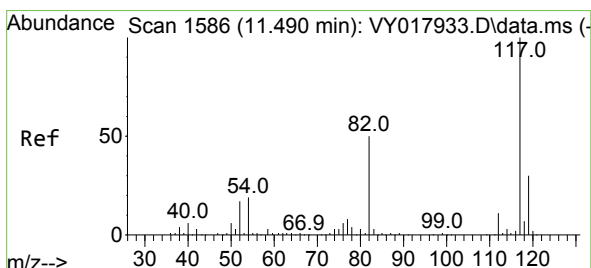
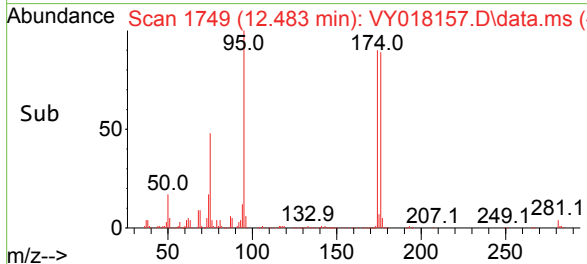
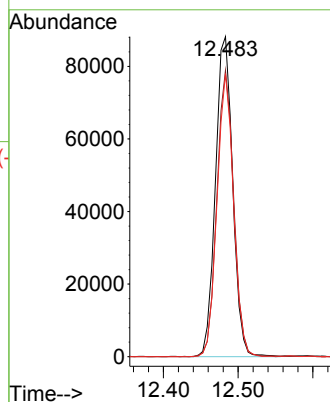
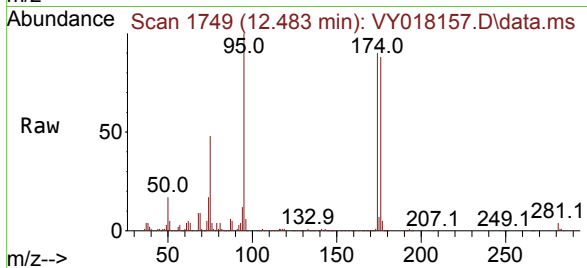




#62
4-Bromofluorobenzene
Concen: 44.415 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018157.D
Acq: 06 May 2024 12:35

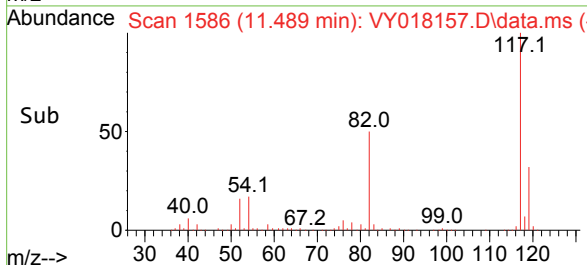
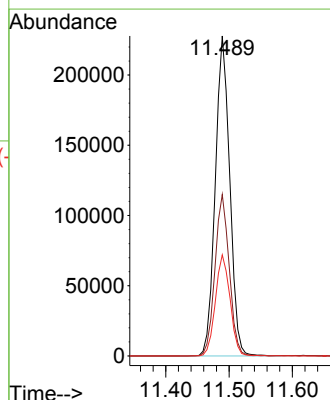
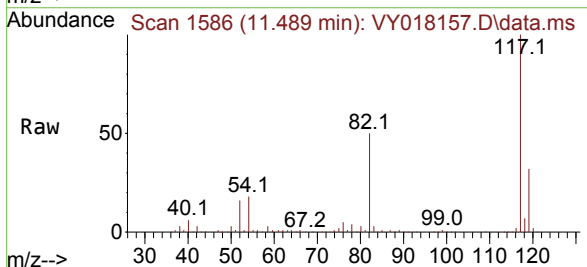
Instrument :
MSVOA_Y
ClientSampleId :

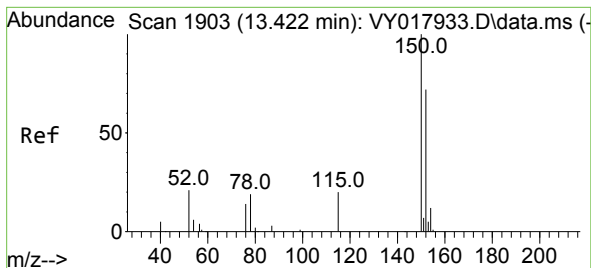
Tgt Ion: 95 Resp: 141345
Ion Ratio Lower Upper
95 100
174 87.6 0.0 175.6
176 84.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018157.D
Acq: 06 May 2024 12:35

Tgt Ion: 117 Resp: 361117
Ion Ratio Lower Upper
117 100
82 50.4 42.4 63.6
119 31.6 25.9 38.9

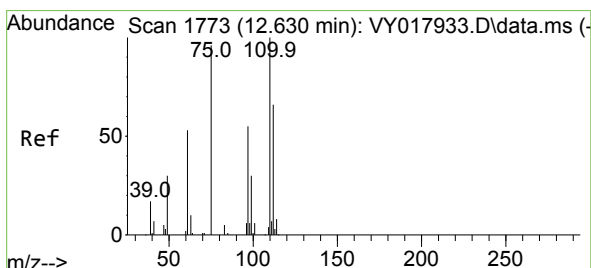
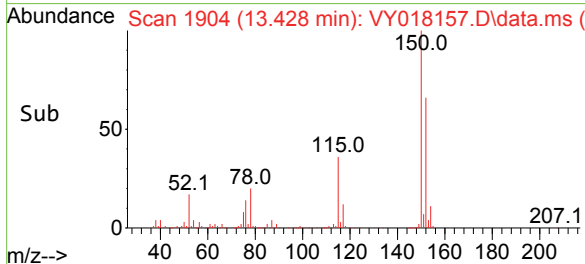
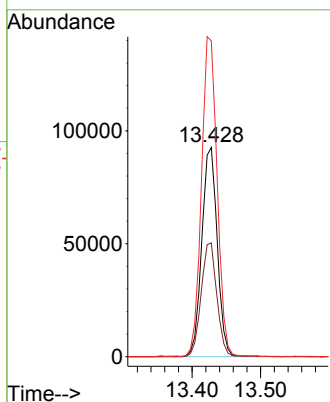
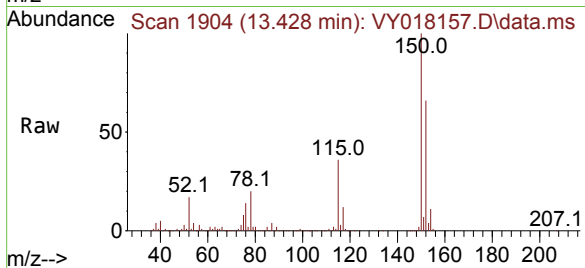




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018157.D
Acq: 06 May 2024 12:35

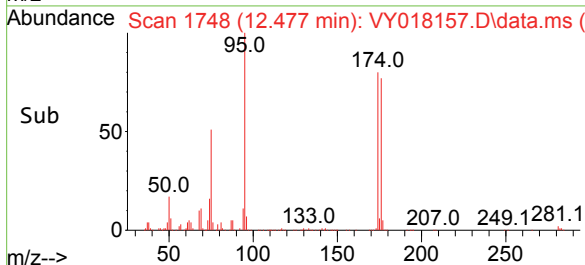
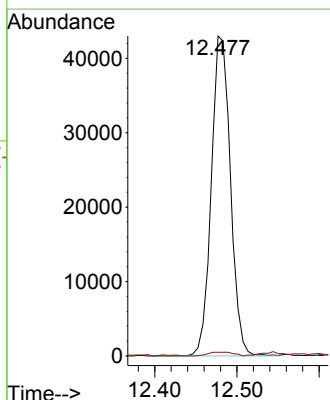
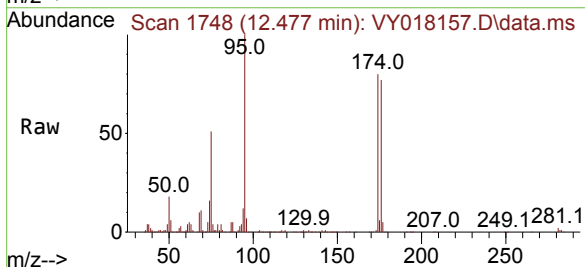
Instrument :
MSVOA_Y
ClientSampleId :

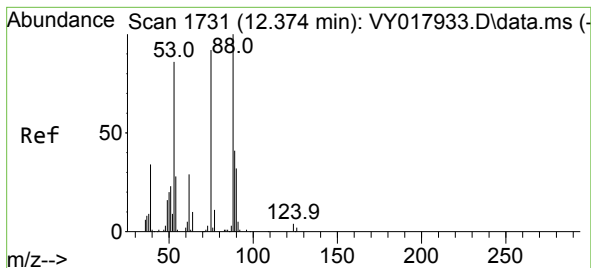
Tgt Ion:152 Resp: 145388
Ion Ratio Lower Upper
152 100
115 55.3 28.2 84.7
150 155.6 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 56.942 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY018157.D
Acq: 06 May 2024 12:35

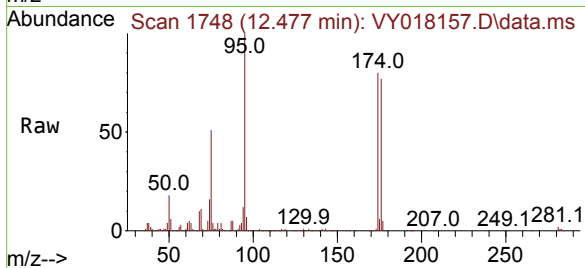
Tgt Ion: 75 Resp: 69479
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



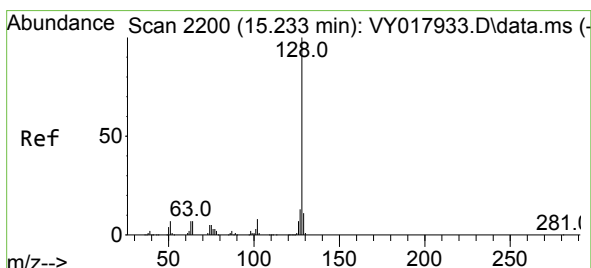
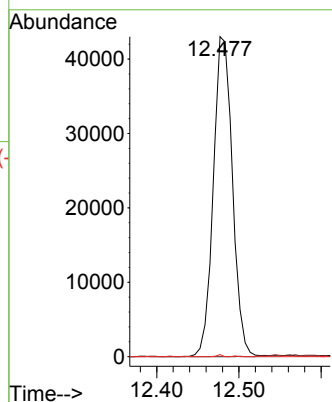
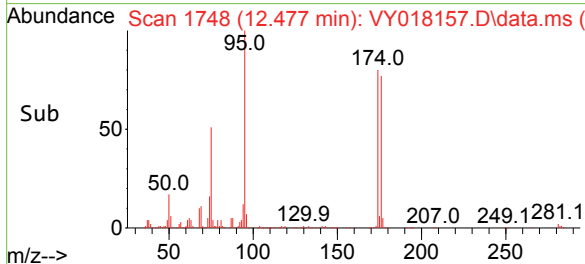


#81
trans-1,4-Dichloro-2-butene
Concen: 103.735 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY018157.D
Acq: 06 May 2024 12:35

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 69479
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 35.8 53.6#



#95
Naphthalene
Concen: 12.936 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY018157.D
Acq: 06 May 2024 12:35

Tgt Ion:128 Resp: 57685
Ion Ratio Lower Upper
128 100
127 12.2 10.6 16.0
129 11.3 8.6 13.0

