

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050624\
 Data File : VY018153.D
 Acq On : 06 May 2024 10:37
 Operator : SY/MD
 Sample : VY0506SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 06 23:43:14 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)

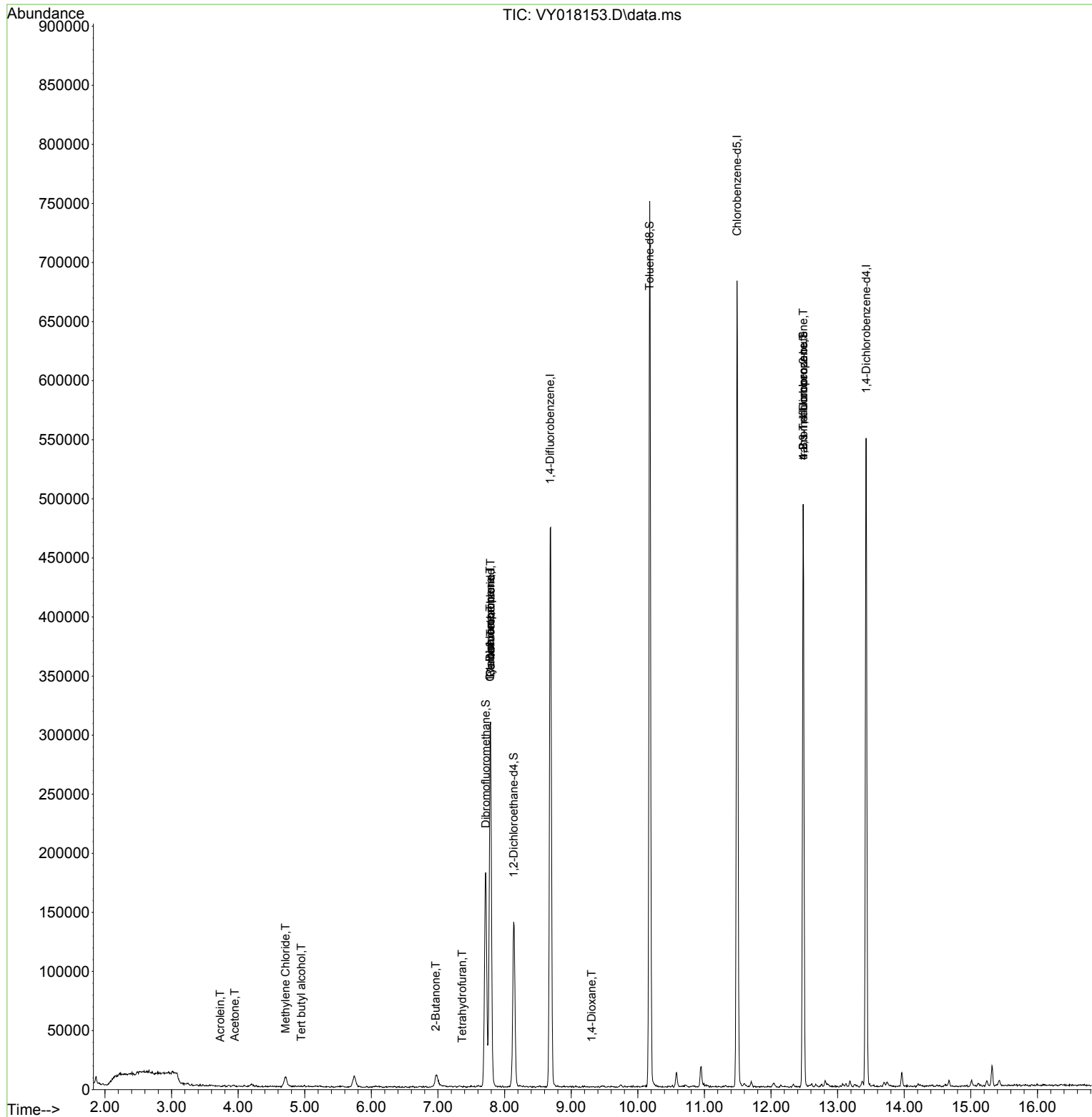
Internal Standards						
1) Pentafluorobenzene	7.789	168	260357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	452146	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	395951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	151618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	103919	50.637	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.280%			
35) Dibromofluoromethane	7.716	113	130379	50.178	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.360%			
50) Toluene-d8	10.179	98	500301	49.321	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.640%			
62) 4-Bromofluorobenzene	12.483	95	150941	43.238	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 86.480%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	243	1.453	ug/l #	1
13) Acrolein	3.729	56	443	1.779	ug/l #	58
16) Acetone	3.948	43	1059	2.709	ug/l #	73
20) Methylene Chloride	4.710	84	6208	2.266	ug/l	91
25) 2-Butanone	6.966	43	1744	2.867	ug/l #	76
29) Tetrahydrofuran	7.362	42	500	1.293	ug/l #	35
31) Cyclohexane	7.783	56	5010	1.274	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	17043	4.914	ug/l #	50
38) Carbon Tetrachloride	7.789	117	23420	5.949	ug/l #	16
49) 1,4-Dioxane	9.307	88	36	2.195	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	73697	57.917	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	73697	105.511	ug/l #	16

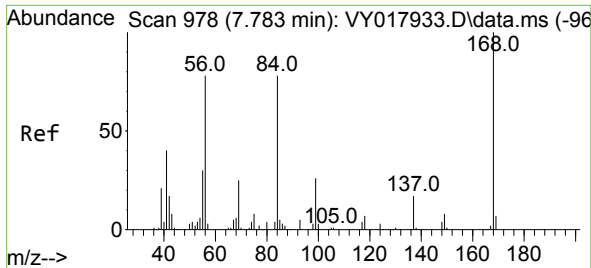
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

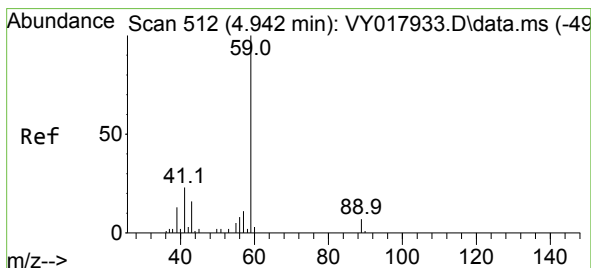
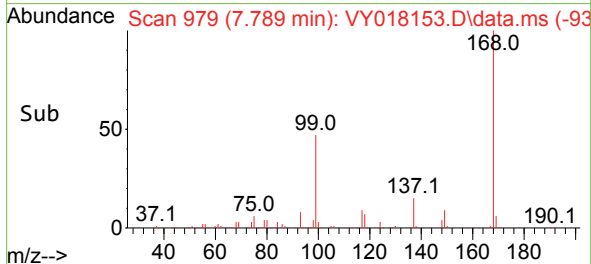
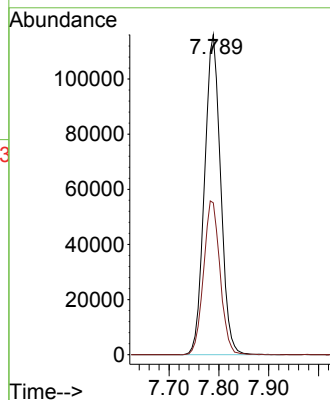
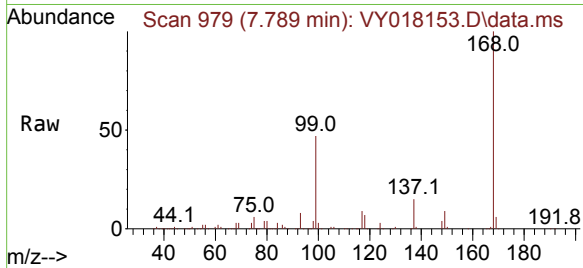




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018153.D
Acq: 06 May 2024 10:37

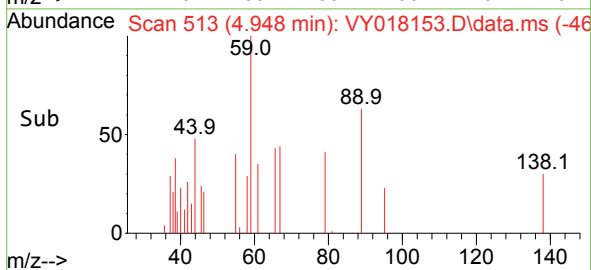
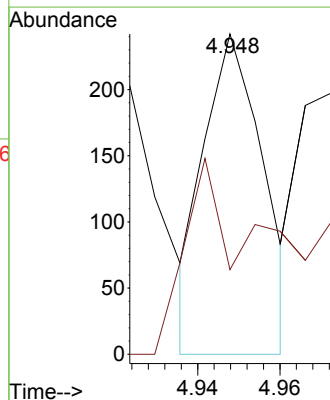
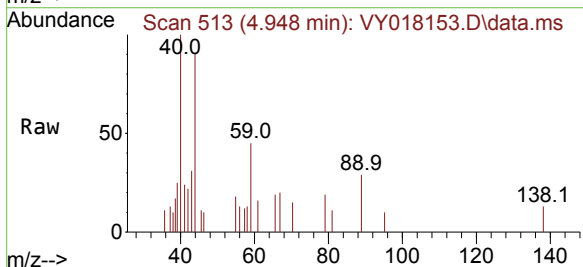
Instrument :
MSVOA_Y
ClientSampleId :

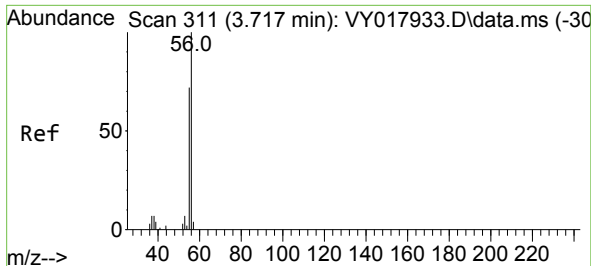
Tgt Ion:168 Resp: 260357
Ion Ratio Lower Upper
168 100
99 47.4 39.1 58.7



#11
Tert butyl alcohol
Concen: 1.453 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY018153.D
Acq: 06 May 2024 10:37

Tgt Ion: 59 Resp: 243
Ion Ratio Lower Upper
59 100
57 71.2 3.0 4.6#





#13

Acrolein

Concen: 1.779 ug/l

RT: 3.729 min Scan# 311

Delta R.T. -0.000 min

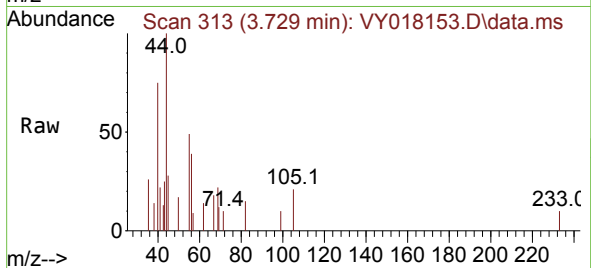
Lab File: VY018153.D

Acq: 06 May 2024 10:37

Instrument :

MSVOA_Y

ClientSampleId :

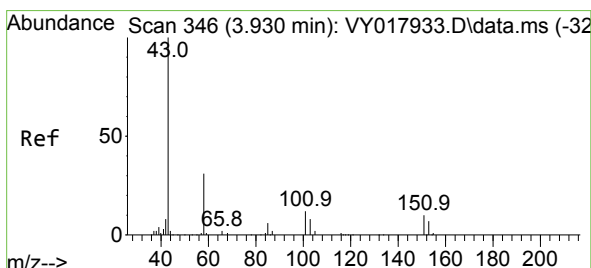
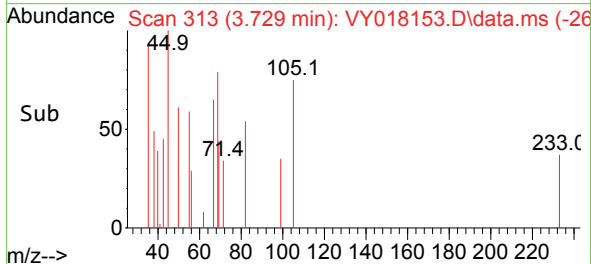
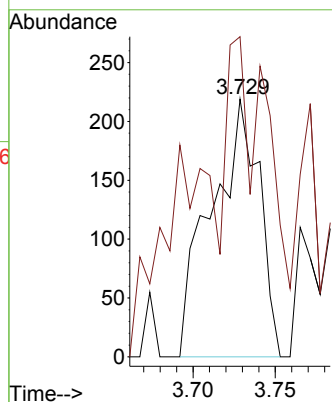


Tgt Ion: 56 Resp: 443

Ion Ratio Lower Upper

56 100

55 35.0 55.7 83.5#



#16

Acetone

Concen: 2.709 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY018153.D

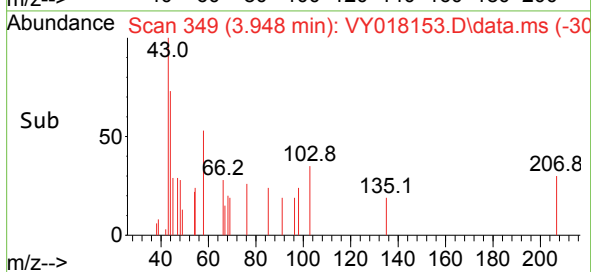
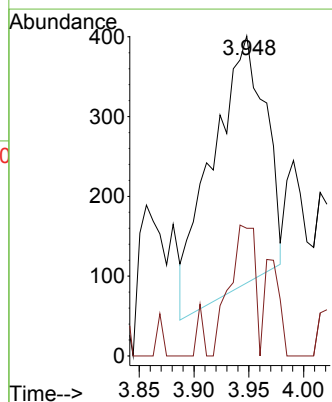
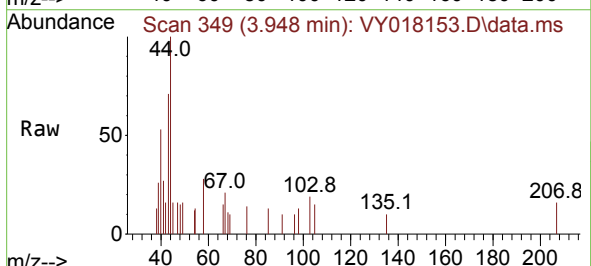
Acq: 06 May 2024 10:37

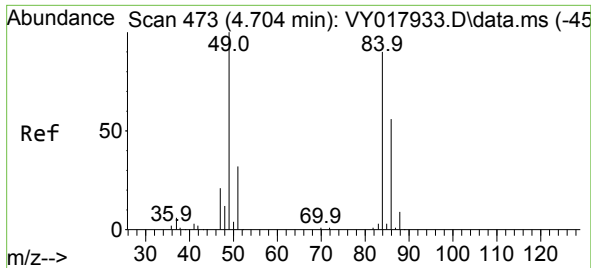
Tgt Ion: 43 Resp: 1059

Ion Ratio Lower Upper

43 100

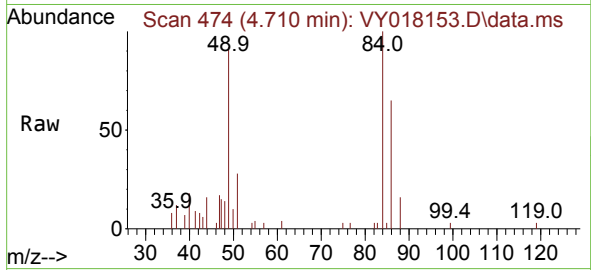
58 55.9 31.7 47.5#



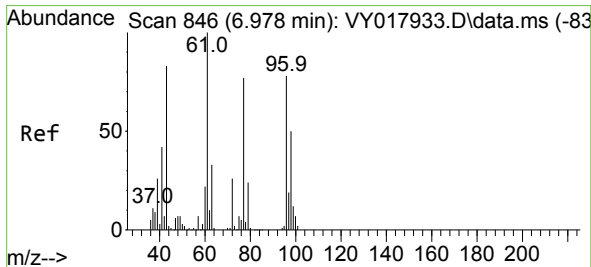
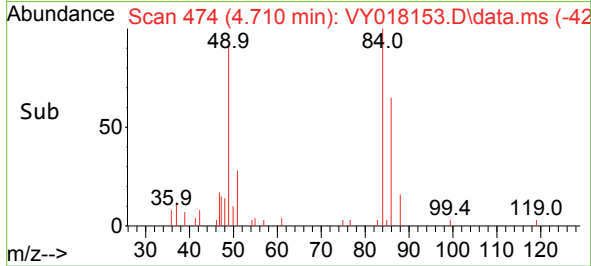
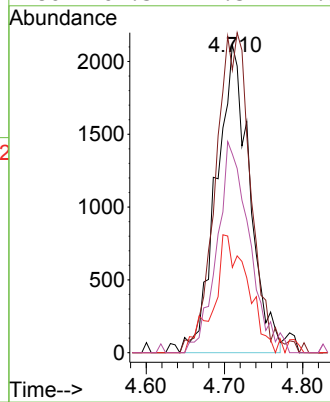


#20
Methylene Chloride
Concen: 2.266 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018153.D
Acq: 06 May 2024 10:37

Instrument :
MSVOA_Y
ClientSampleId :

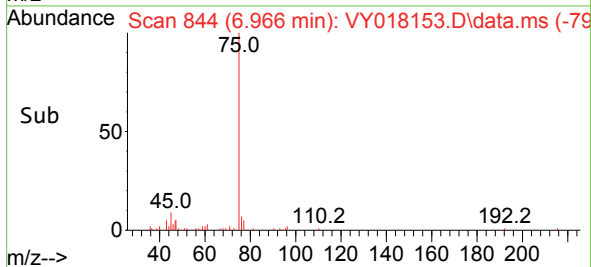
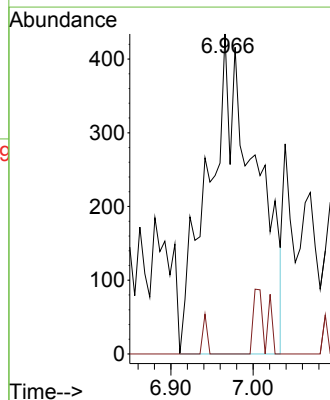
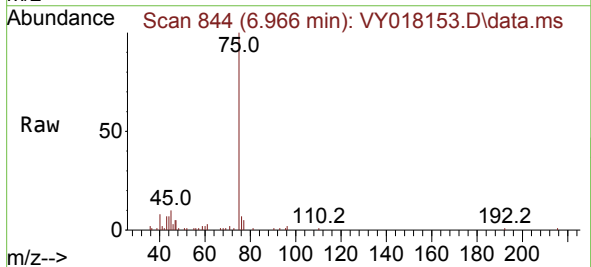


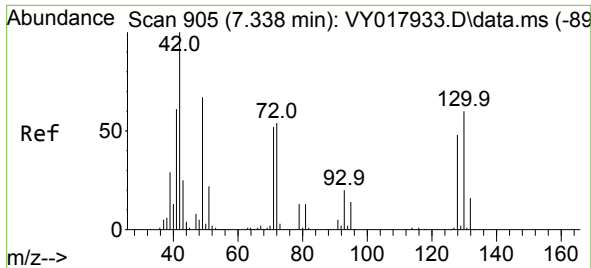
Tgt Ion: 84 Resp: 6208
Ion Ratio Lower Upper
84 100
49 91.9 84.4 126.6
51 27.7 26.0 39.0
86 64.5 49.5 74.3



#25
2-Butanone
Concen: 2.867 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.018 min
Lab File: VY018153.D
Acq: 06 May 2024 10:37

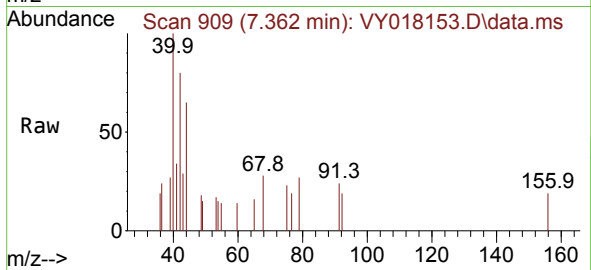
Tgt Ion: 43 Resp: 1744
Ion Ratio Lower Upper
43 100
72 20.0 27.3 40.9#



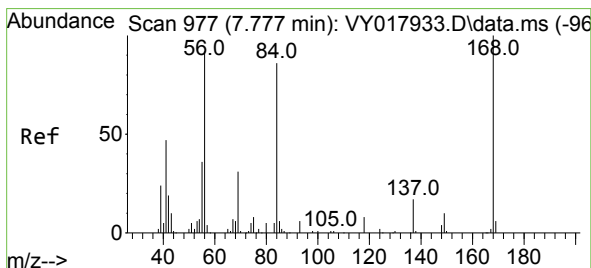
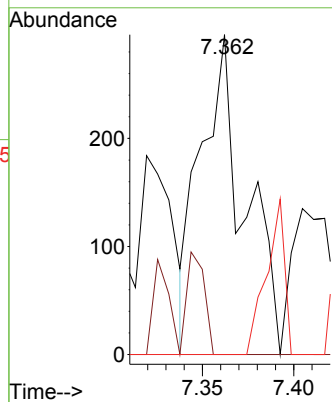
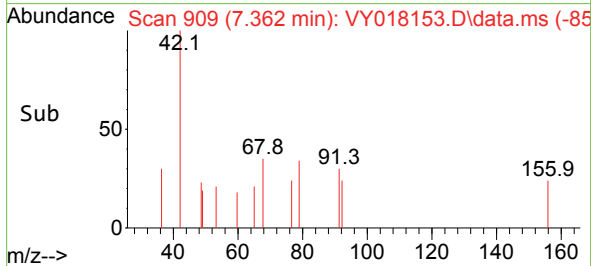


#29
Tetrahydrofuran
Concen: 1.293 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.012 min
Lab File: VY018153.D
Acq: 06 May 2024 10:37

Instrument :
MSVOA_Y
ClientSampleId :

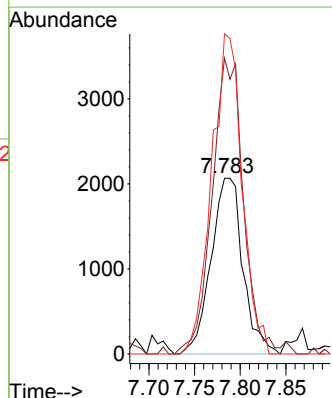
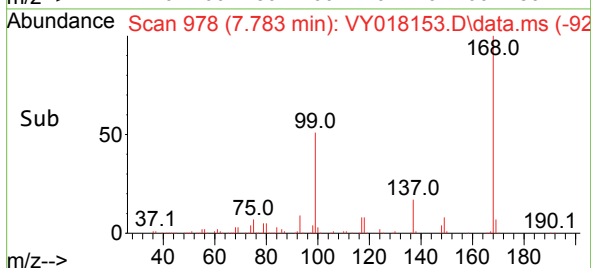
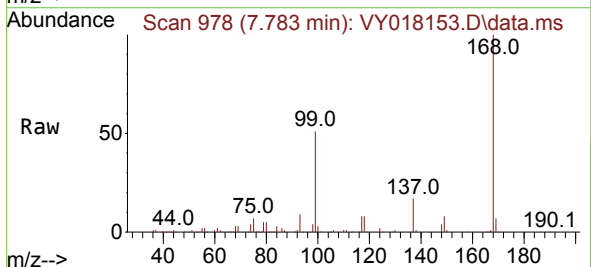


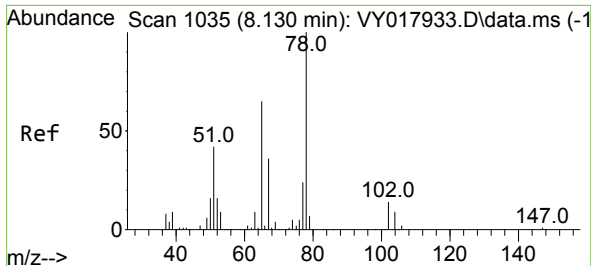
Tgt Ion: 42 Resp: 500
Ion Ratio Lower Upper
42 100
72 12.8 43.0 64.4#
71 0.0 40.8 61.2#



#31
Cyclohexane
Concen: 1.274 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY018153.D
Acq: 06 May 2024 10:37

Tgt Ion: 56 Resp: 5010
Ion Ratio Lower Upper
56 100
69 165.2 28.7 43.1#
84 182.1 77.7 116.5#

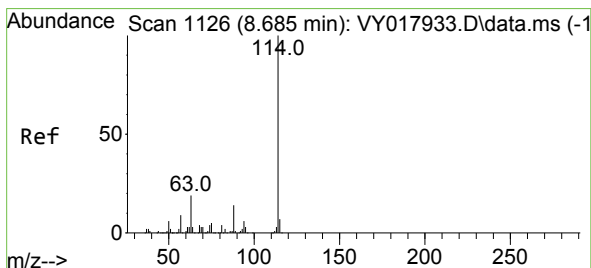
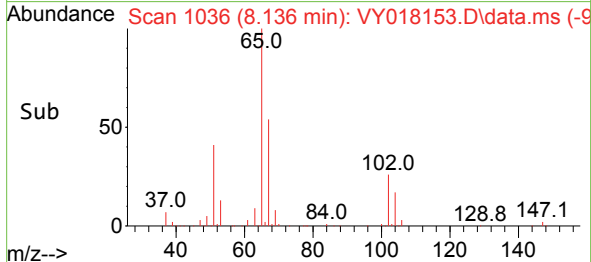
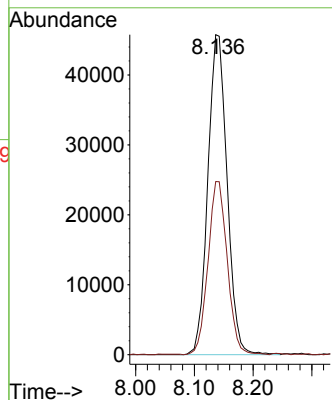
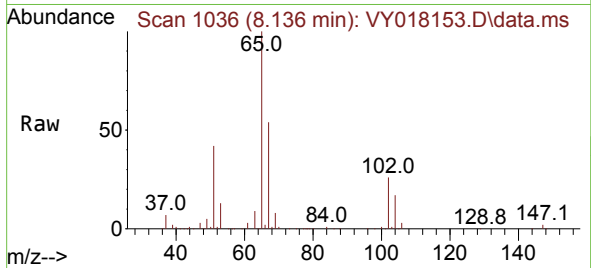




#33
1,2-Dichloroethane-d4
Concen: 50.637 ug/l
RT: 8.136 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018153.D
Acq: 06 May 2024 10:37

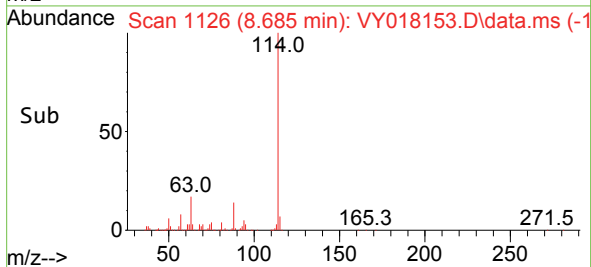
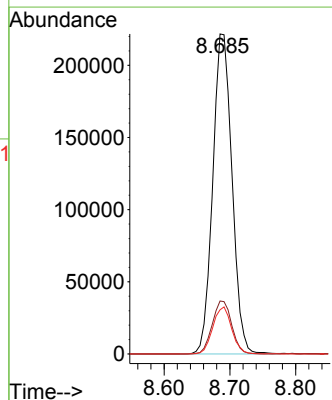
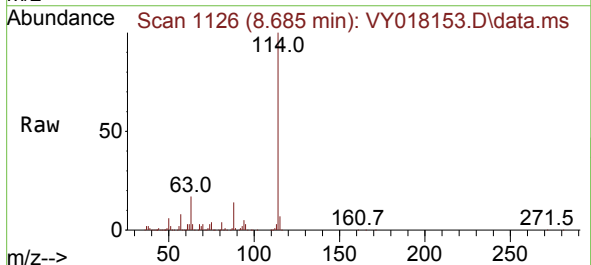
Instrument :
MSVOA_Y
ClientSampleId :

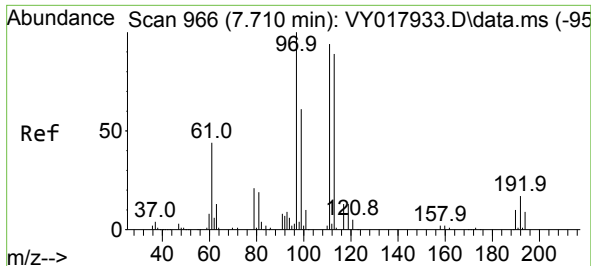
Tgt Ion: 65 Resp: 103919
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY018153.D
Acq: 06 May 2024 10:37

Tgt Ion:114 Resp: 452146
Ion Ratio Lower Upper
114 100
63 16.6 0.0 35.0
88 13.8 0.0 27.2

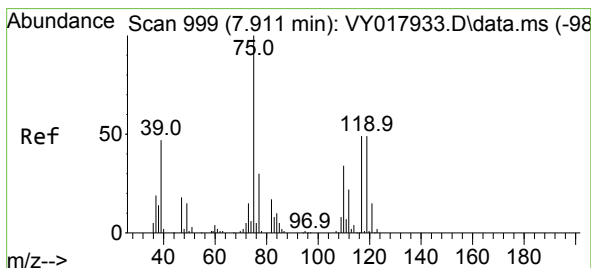
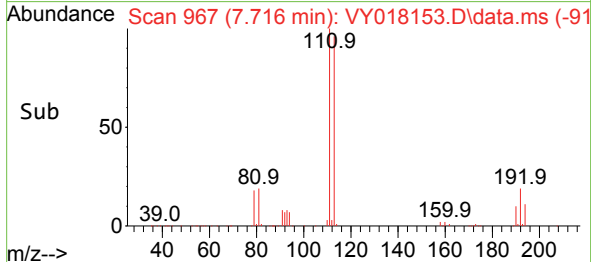
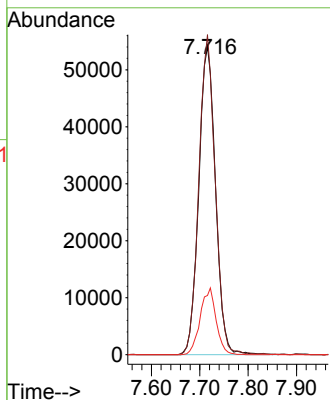
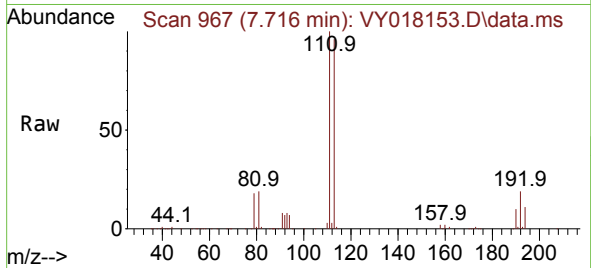




#35
Dibromofluoromethane
Concen: 50.178 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY018153.D
Acq: 06 May 2024 10:37

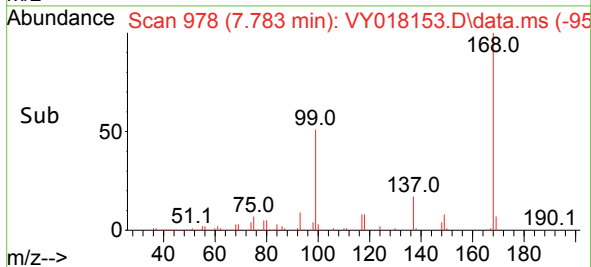
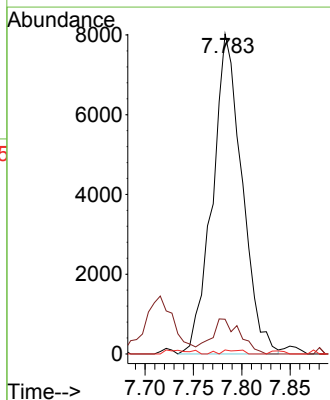
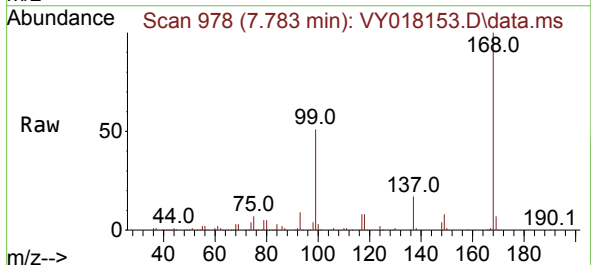
Instrument :
MSVOA_Y
ClientSampleId :

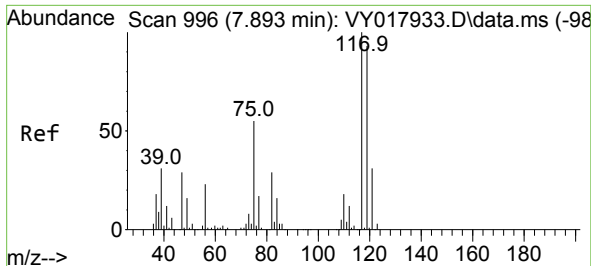
Tgt Ion:113 Resp: 130379
Ion Ratio Lower Upper
113 100
111 100.9 82.2 123.4
192 20.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.914 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY018153.D
Acq: 06 May 2024 10:37

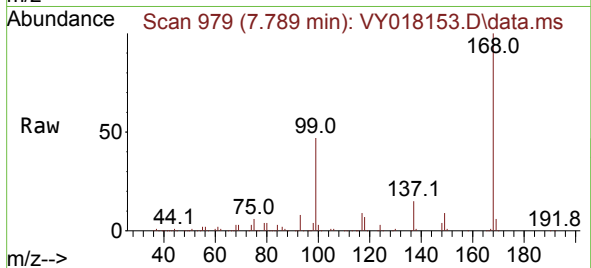
Tgt Ion: 75 Resp: 17043
Ion Ratio Lower Upper
75 100
110 10.6 19.0 57.0#
77 0.9 25.3 37.9#



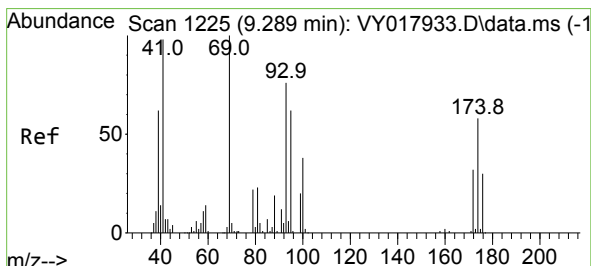
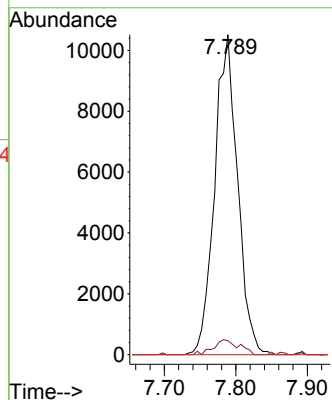
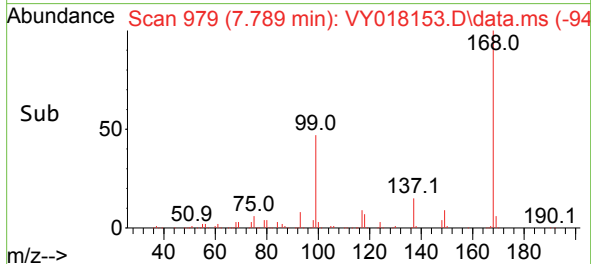


#38
Carbon Tetrachloride
Concen: 5.949 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018153.D
Acq: 06 May 2024 10:37

Instrument :
MSVOA_Y
ClientSampleId :

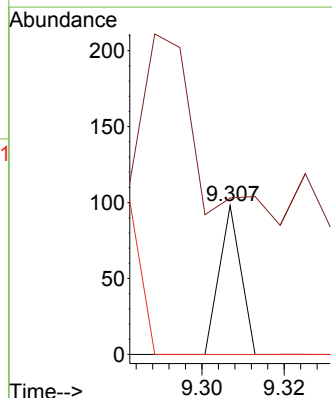
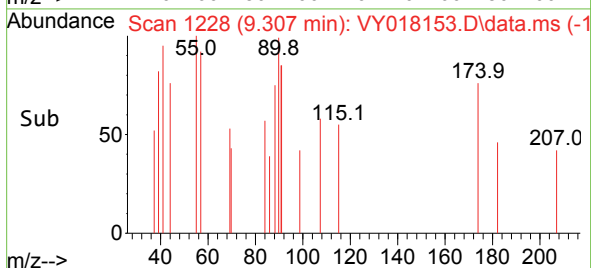
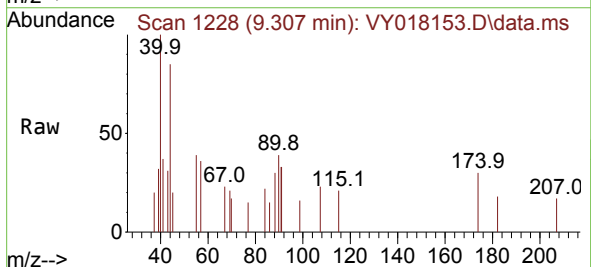


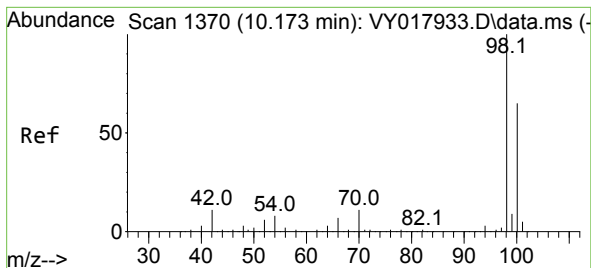
Tgt Ion:117 Resp: 23420
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 2.195 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY018153.D
Acq: 06 May 2024 10:37

Tgt Ion: 88 Resp: 36
Ion Ratio Lower Upper
88 100
43 330.6 0.0 0.0#
58 0.0 49.3 73.9#

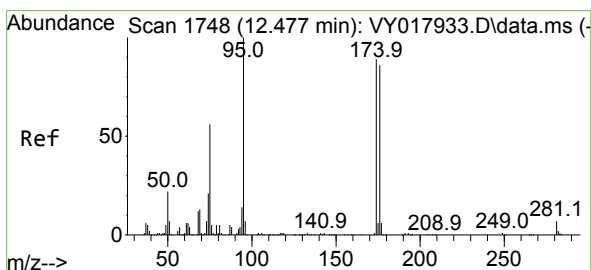
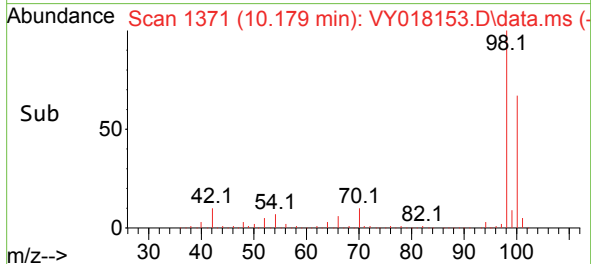
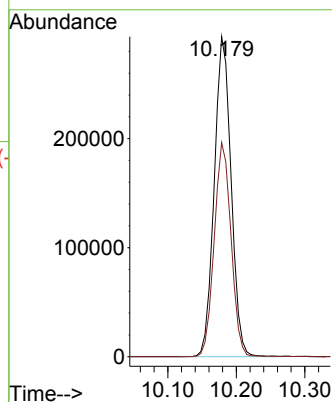
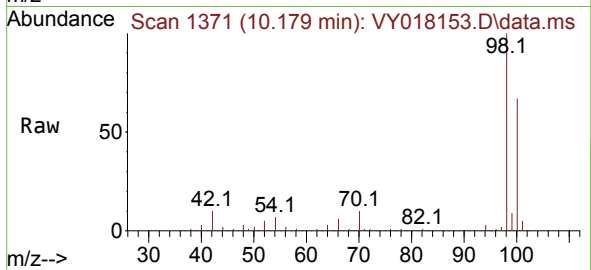




#50
Toluene-d8
Concen: 49.321 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018153.D
Acq: 06 May 2024 10:37

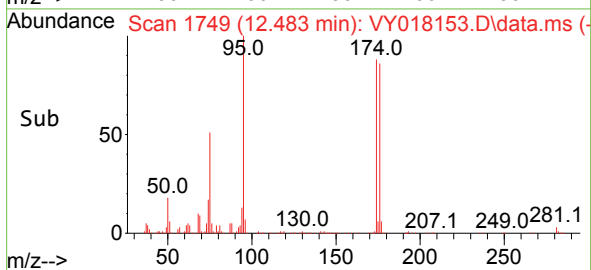
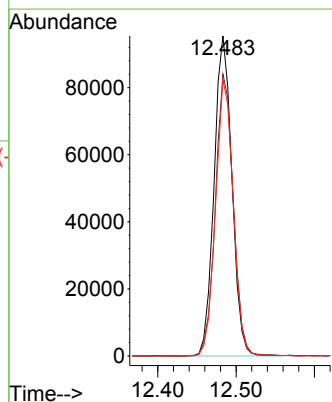
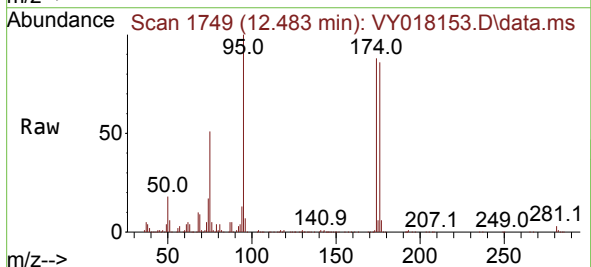
Instrument :
MSVOA_Y
ClientSampleId :

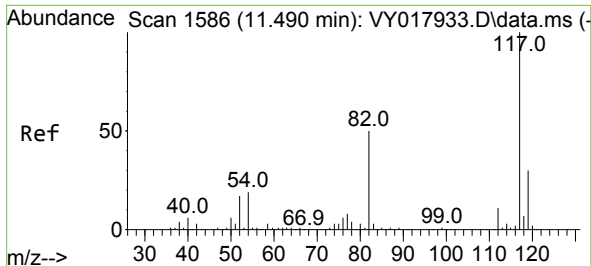
Tgt Ion: 98 Resp: 500301
Ion Ratio Lower Upper
98 100
100 66.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.238 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018153.D
Acq: 06 May 2024 10:37

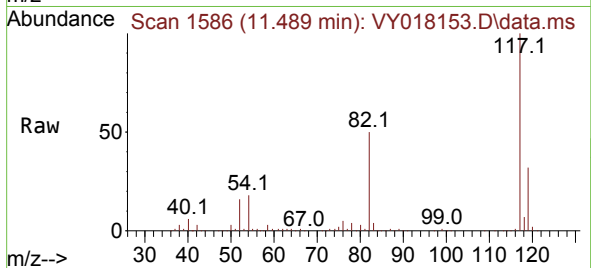
Tgt Ion: 95 Resp: 150941
Ion Ratio Lower Upper
95 100
174 88.0 0.0 175.6
176 85.8 0.0 171.4



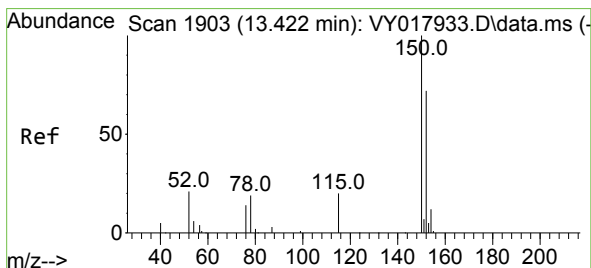
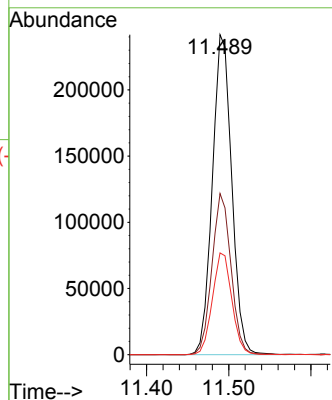
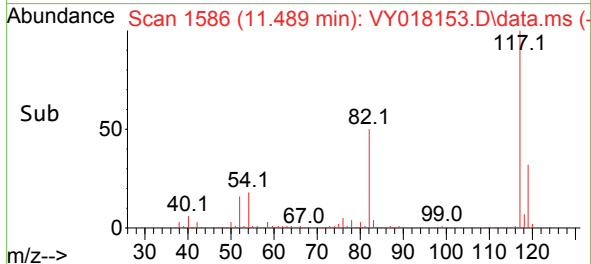


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018153.D
Acq: 06 May 2024 10:37

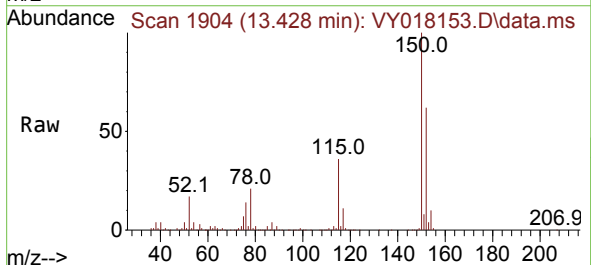
Instrument :
MSVOA_Y
ClientSampleId :



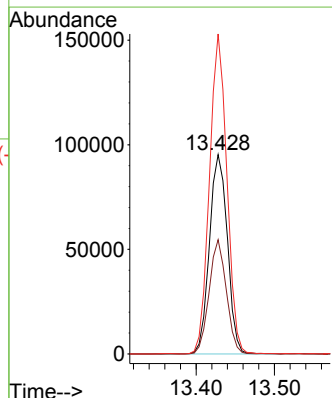
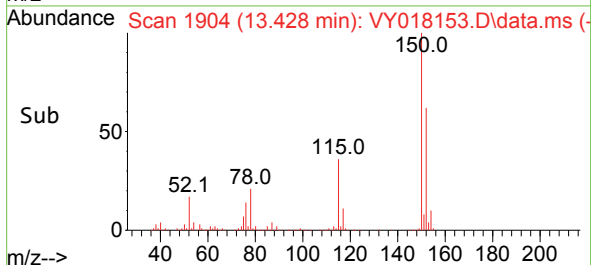
Tgt Ion:117 Resp: 395951
Ion Ratio Lower Upper
117 100
82 50.4 42.4 63.6
119 31.8 25.9 38.9

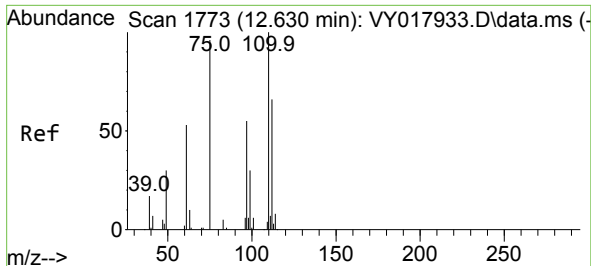


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY018153.D
Acq: 06 May 2024 10:37



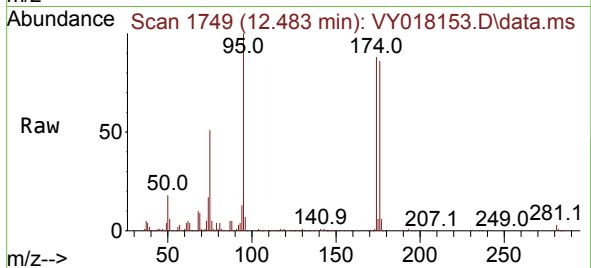
Tgt Ion:152 Resp: 151618
Ion Ratio Lower Upper
152 100
115 54.6 28.2 84.7
150 155.5 0.0 345.6



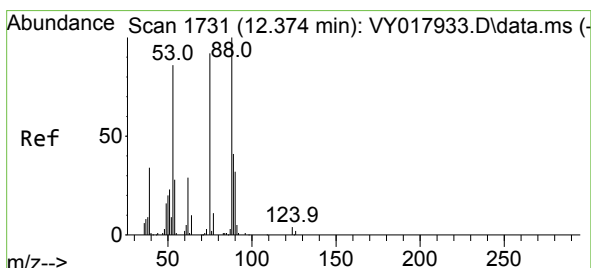
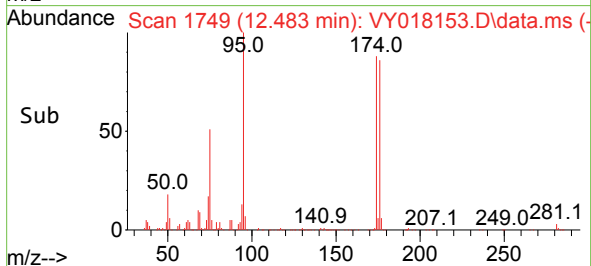
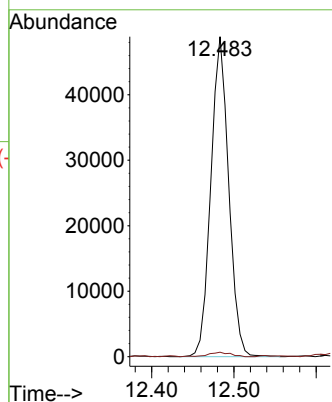


#76
1,2,3-Trichloropropane
Concen: 57.917 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY018153.D
Acq: 06 May 2024 10:37

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 73697
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.511 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY018153.D
Acq: 06 May 2024 10:37

Tgt Ion: 75 Resp: 73697
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 35.8 53.6#

