

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110321\
 Data File : VY006602.D
 Acq On : 03 Nov 2021 15:09
 Operator : SY/MD
 Sample : M4427-01RE
 Misc : 3.85G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FDR-BH-6-20211029-7.5-8RE

Quant Time: Nov 03 21:20:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

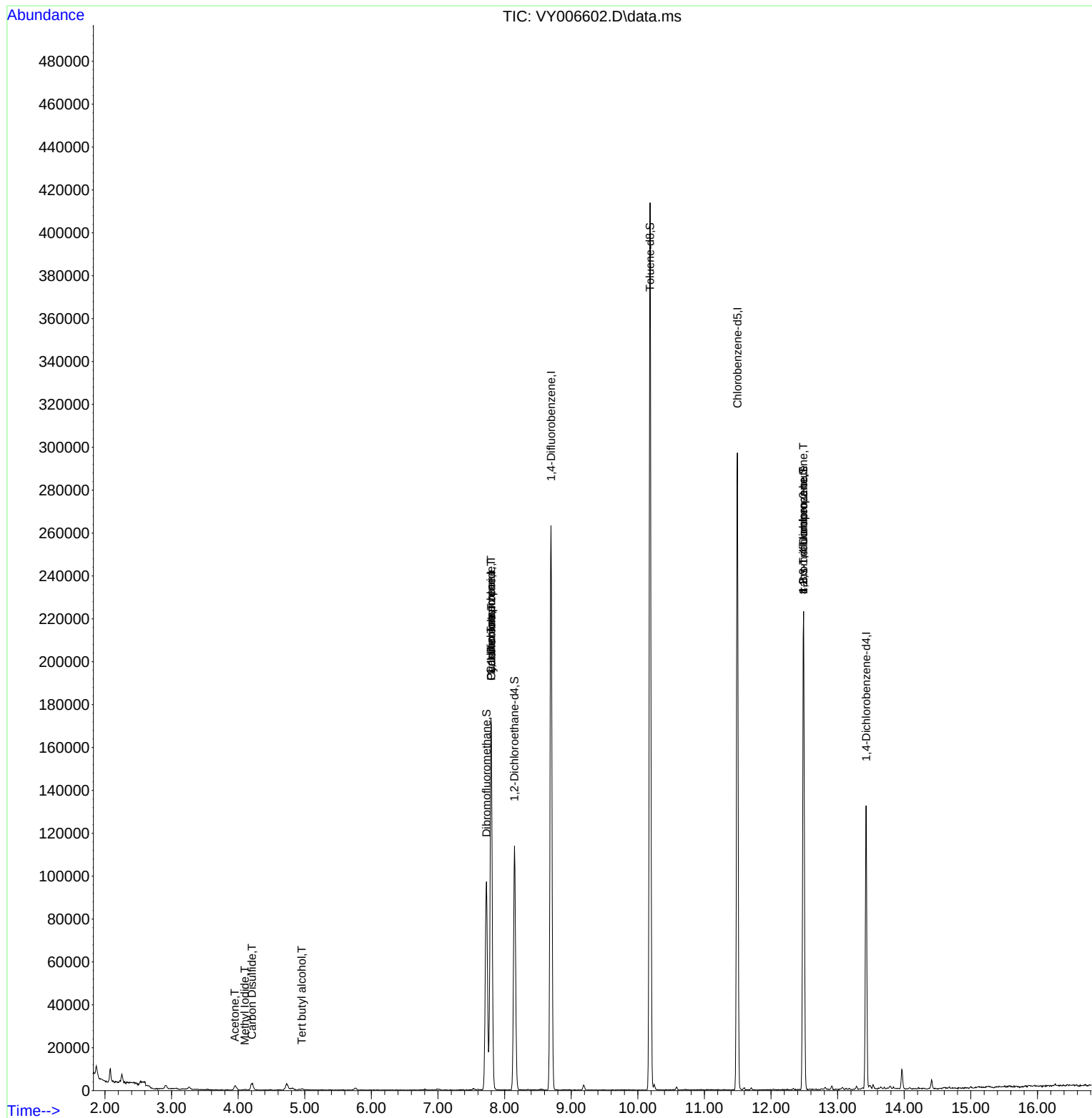
Internal Standards						
1) Pentafluorobenzene	7.801	168	127179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	208341	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	147624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	31086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	88143	56.321	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.640%	
35) Dibromofluoromethane	7.728	113	66621	57.371	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.740%	
50) Toluene-d8	10.185	98	255150	51.832	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.660%	
62) 4-Bromofluorobenzene	12.483	95	45071	27.180	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 54.360%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.100	142	410	5.354	ug/l #	72
11) Tert butyl alcohol	4.954	59	605	4.255	ug/l #	72
16) Acetone	3.948	43	3631	8.057	ug/l	94
17) Carbon Disulfide	4.204	76	6077	1.614	ug/l #	87
20) Methylene Chloride	4.728	84	1633	Below Cal	#	87
31) Cyclohexane	7.801	56	4106	1.621	ug/l #	25
36) 1,1-Dichloropropene	7.795	75	10619	5.158	ug/l #	51
38) Carbon Tetrachloride	7.795	117	12578	5.539	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	26140	81.602	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	26140	167.527	ug/l #	7

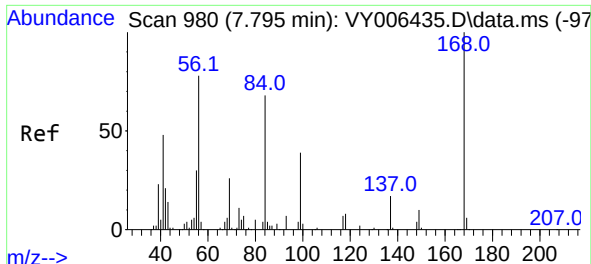
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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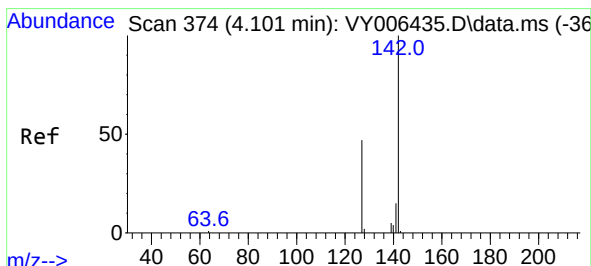
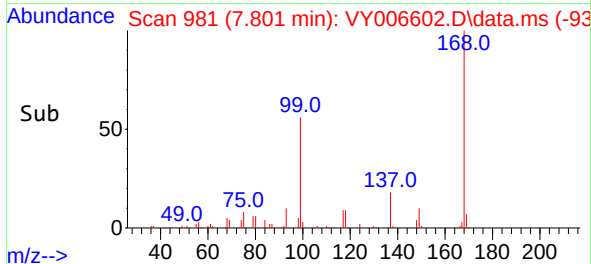
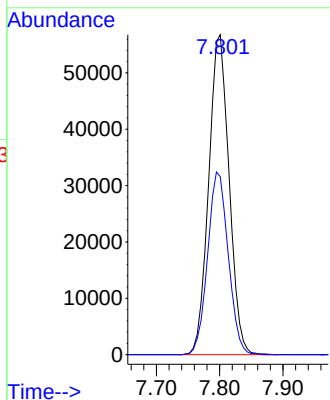
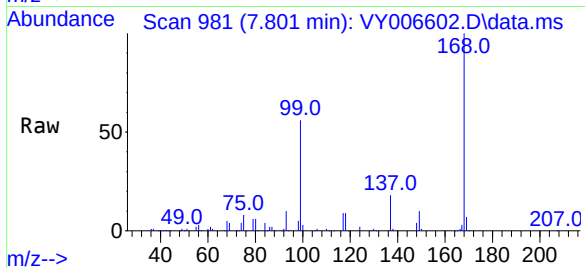




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006602.D
Acq: 03 Nov 2021 15:09

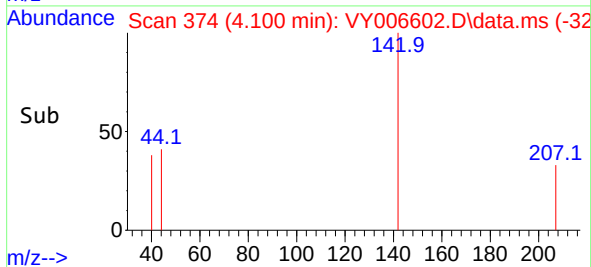
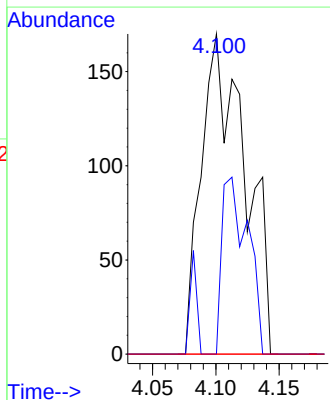
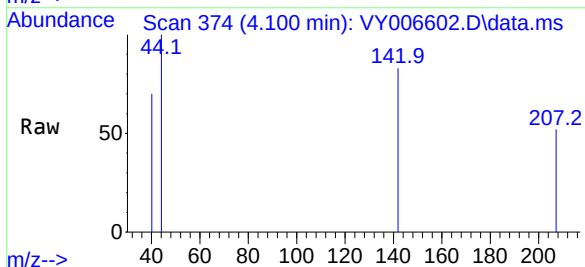
Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-6-20211029-7.5-8RE

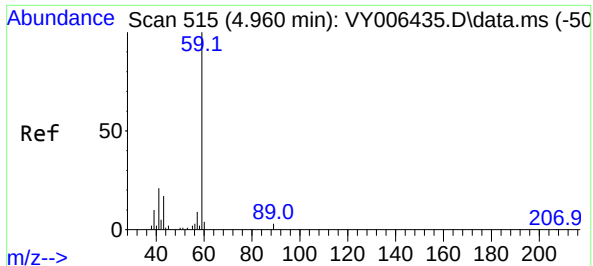
Tgt Ion:168 Resp: 127179
Ion Ratio Lower Upper
168 100
99 55.6 44.8 67.2



#10
Methyl Iodide
Concen: 5.354 ug/l
RT: 4.100 min Scan# 374
Delta R.T. -0.001 min
Lab File: VY006602.D
Acq: 03 Nov 2021 15:09

Tgt Ion:142 Resp: 410
Ion Ratio Lower Upper
142 100
127 32.4 40.1 60.1#
141 0.0 12.5 18.7#

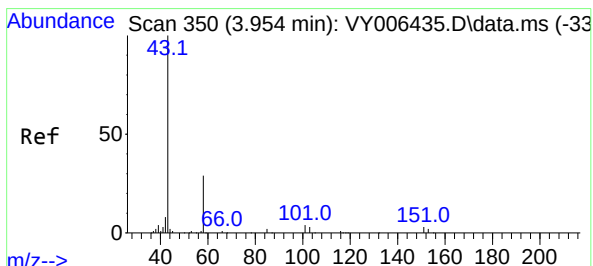
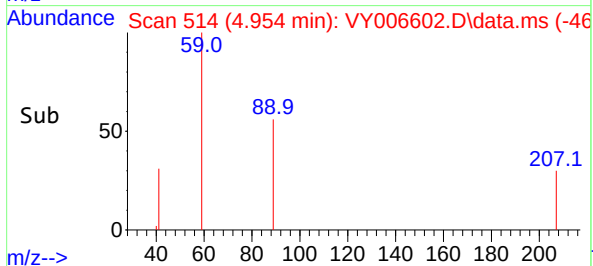
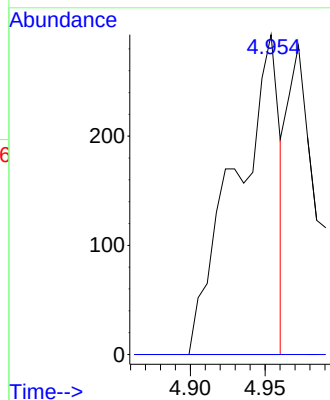
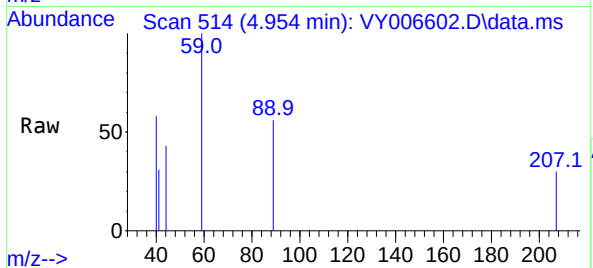




#11
Tert butyl alcohol
Concen: 4.255 ug/l
RT: 4.954 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY006602.D
Acq: 03 Nov 2021 15:09

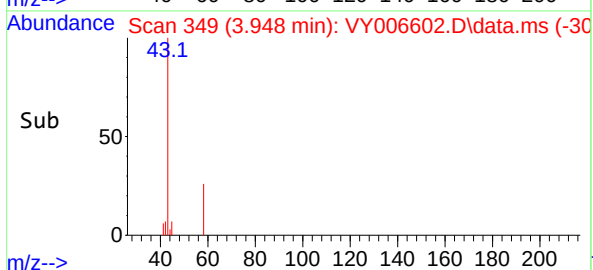
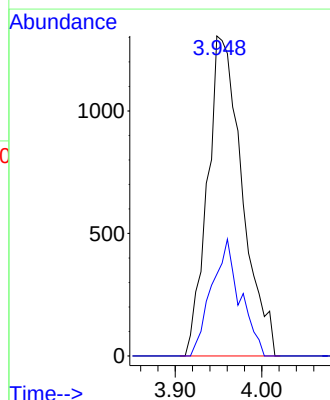
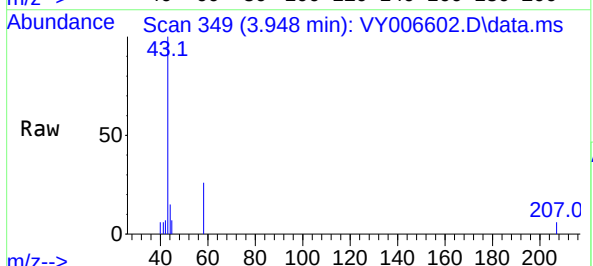
Instrument : MSVOA_Y
ClientSampleId : FDR-BH-6-20211029-7.5-8RE

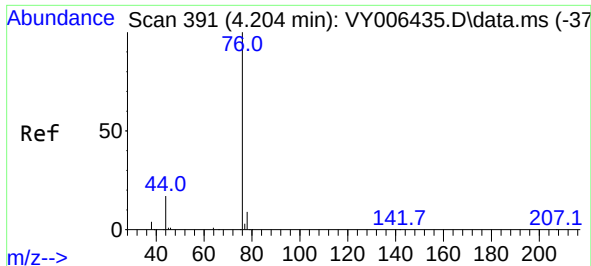
Tgt Ion: 59 Resp: 605
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 8.057 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006602.D
Acq: 03 Nov 2021 15:09

Tgt Ion: 43 Resp: 3631
Ion Ratio Lower Upper
43 100
58 25.6 22.9 34.3

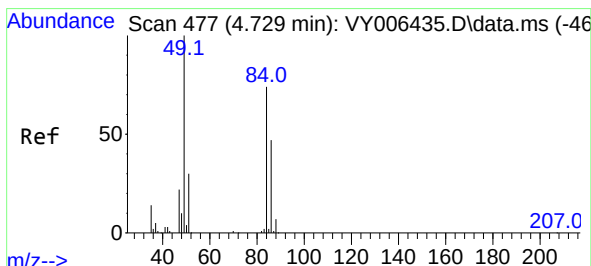
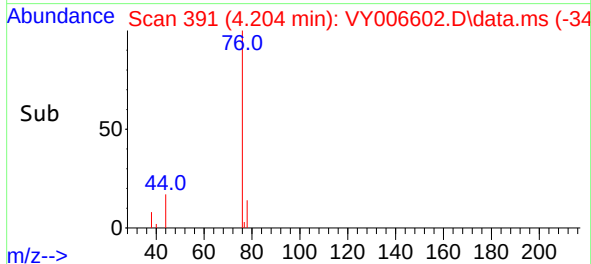
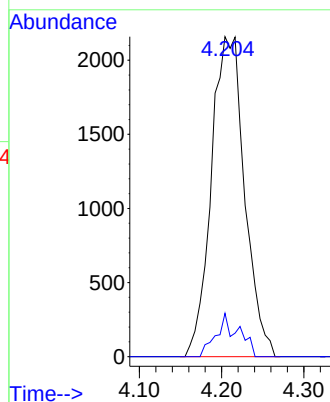
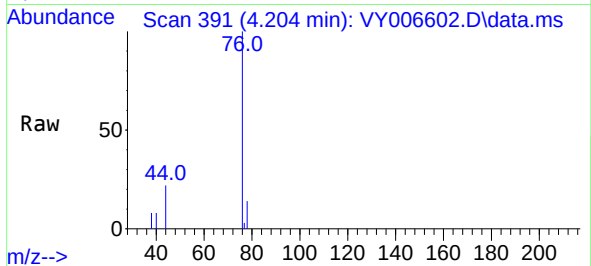




#17
Carbon Disulfide
Concen: 1.614 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY006602.D
Acq: 03 Nov 2021 15:09

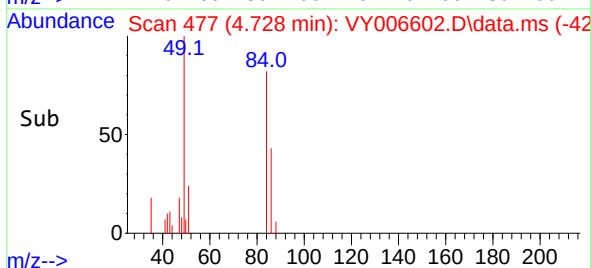
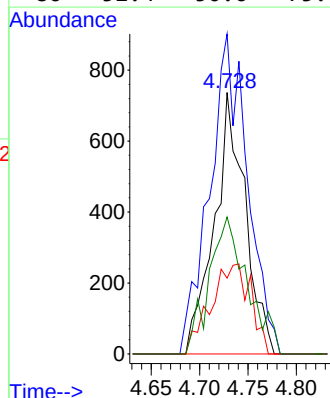
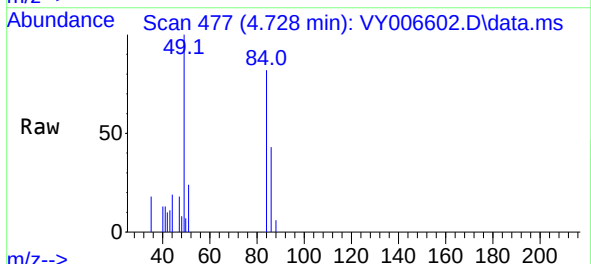
Instrument : MSVOA_Y
ClientSampleId : FDR-BH-6-20211029-7.5-8RE

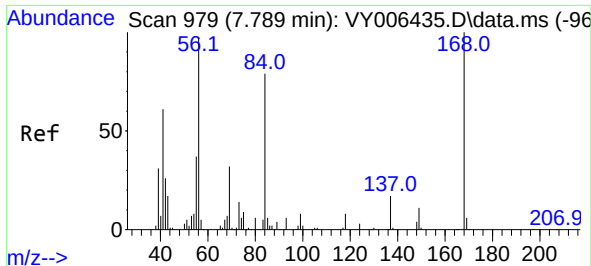
Tgt Ion: 76 Resp: 6077
Ion Ratio Lower Upper
76 100
78 13.5 7.1 10.7#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY006602.D
Acq: 03 Nov 2021 15:09

Tgt Ion: 84 Resp: 1633
Ion Ratio Lower Upper
84 100
49 122.4 107.8 161.8
51 29.0 32.8 49.2#
86 52.4 50.6 75.8

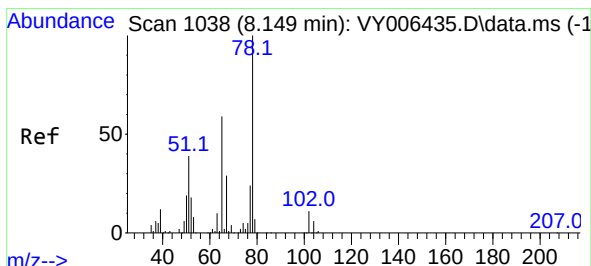
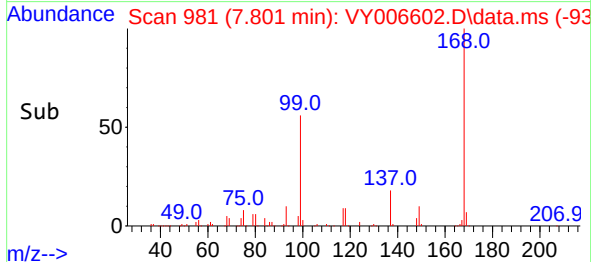
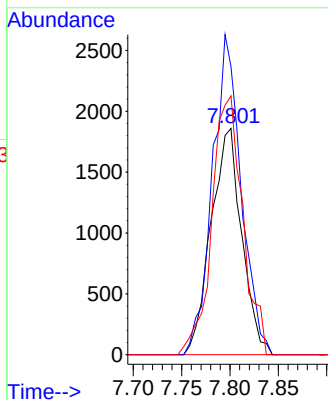
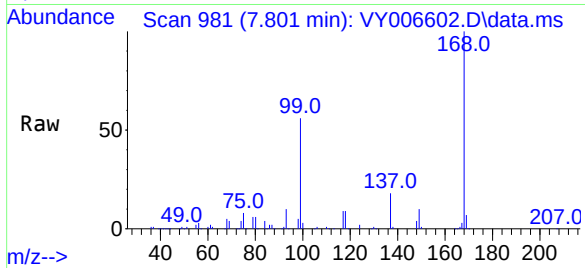




#31
Cyclohexane
Concen: 1.621 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY006602.D
Acq: 03 Nov 2021 15:09

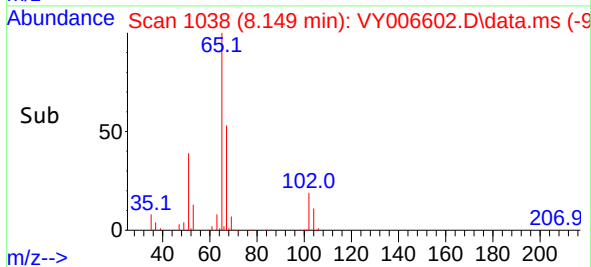
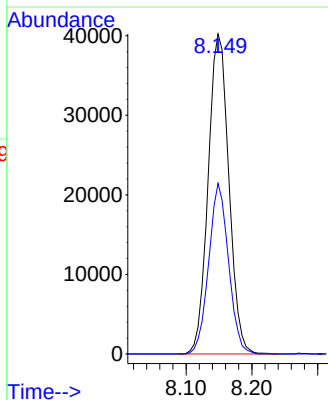
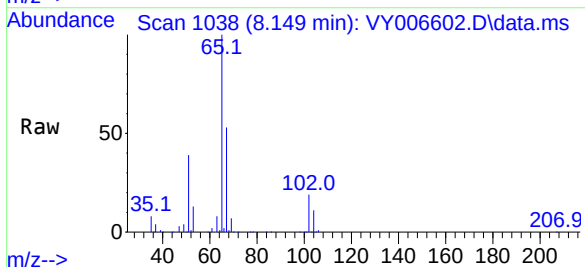
Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-6-20211029-7.5-8RE

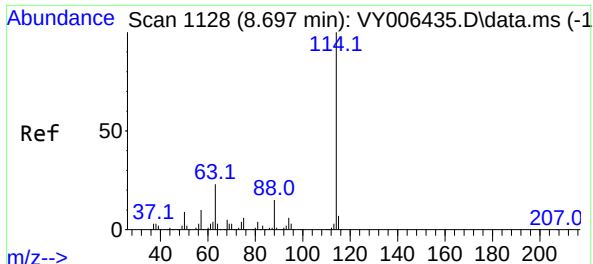
Tgt Ion: 56 Resp: 4106
Ion Ratio Lower Upper
56 100
69 127.3 26.6 40.0#
84 114.4 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 56.321 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006602.D
Acq: 03 Nov 2021 15:09

Tgt Ion: 65 Resp: 88143
Ion Ratio Lower Upper
65 100
67 50.9 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY006602.D

Acq: 03 Nov 2021 15:09

Instrument :

MSVOA_Y

ClientSampleId :

FDR-BH-6-20211029-7.5-8RE

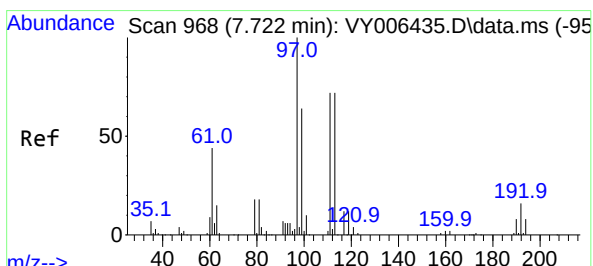
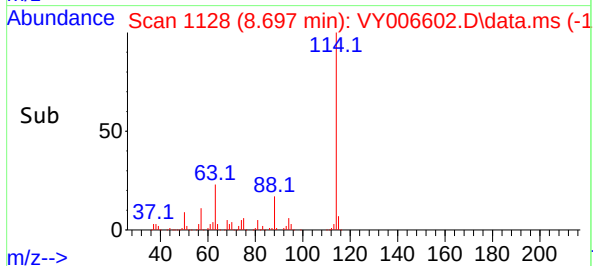
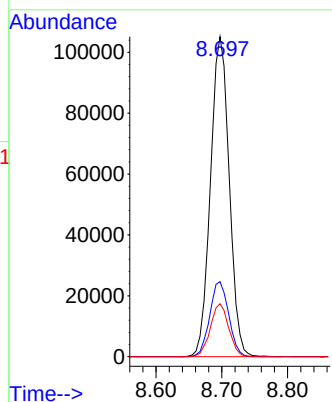
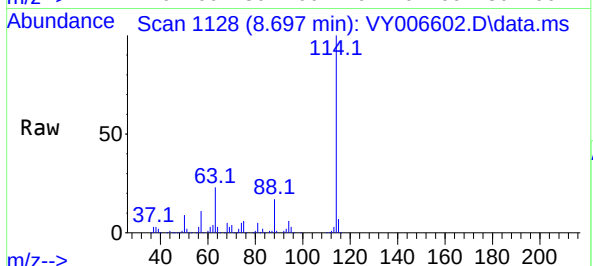
Tgt Ion:114 Resp: 208341

Ion Ratio Lower Upper

114 100

63 23.5 0.0 45.0

88 16.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 57.371 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY006602.D

Acq: 03 Nov 2021 15:09

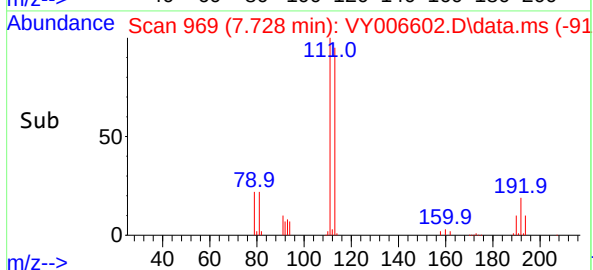
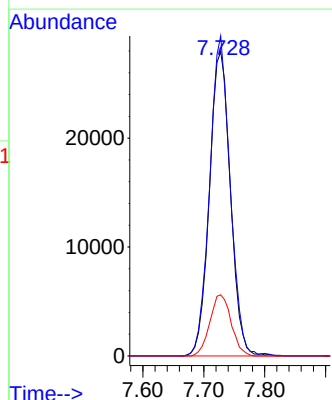
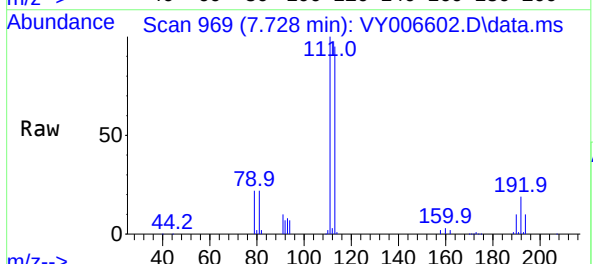
Tgt Ion:113 Resp: 66621

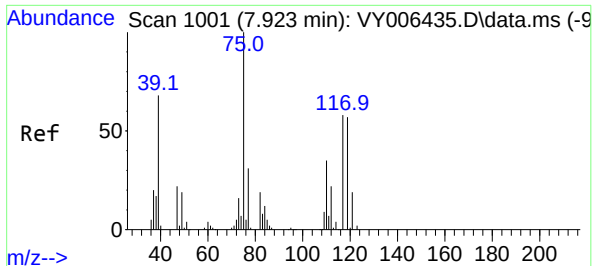
Ion Ratio Lower Upper

113 100

111 103.2 82.3 123.5

192 20.5 17.4 26.2

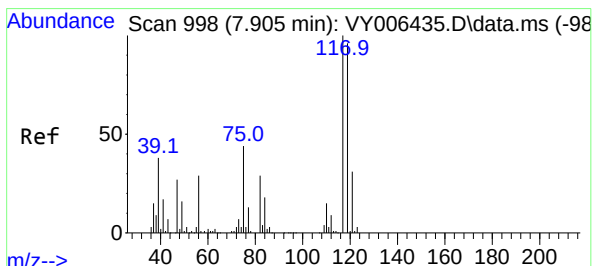
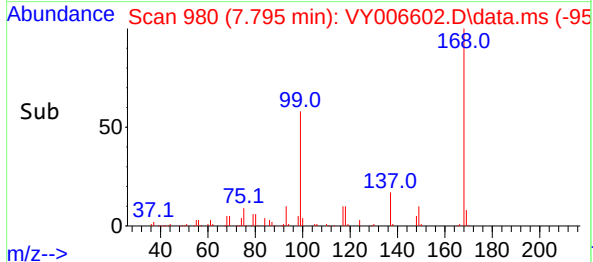
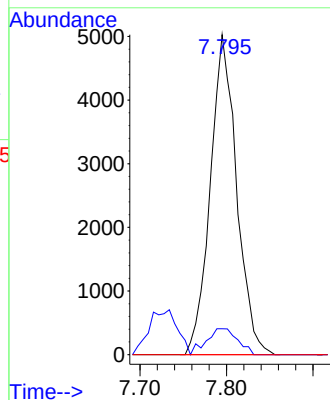
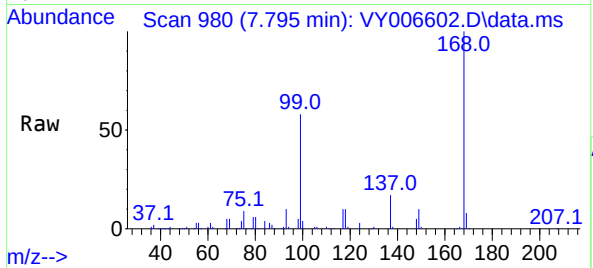




#36
1,1-Dichloropropene
Concen: 5.158 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY006602.D
Acq: 03 Nov 2021 15:09

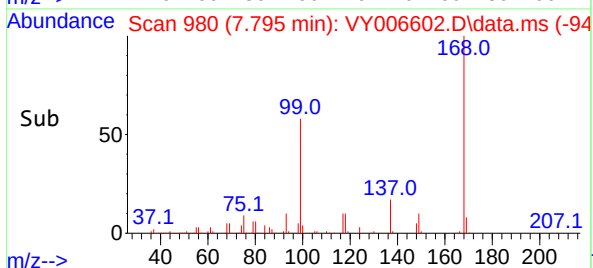
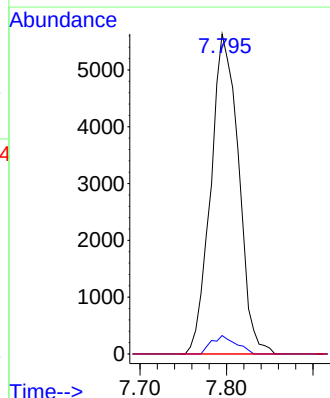
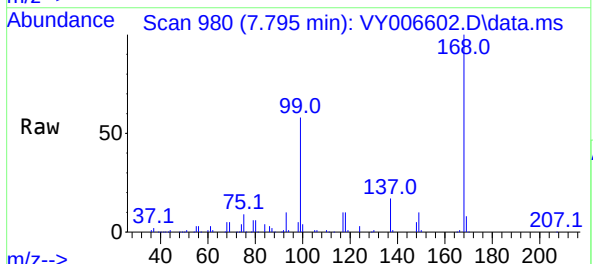
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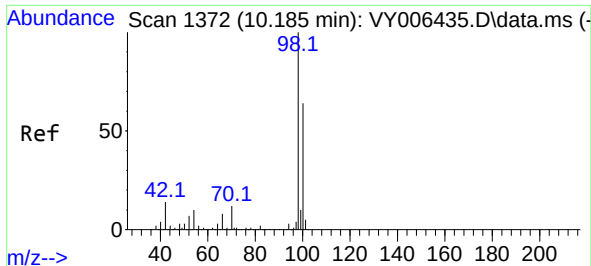
Tgt Ion: 75	Resp:	10619
Ion Ratio	Lower	Upper
75	100	
110	9.5	17.1 51.3#
77	0.0	24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.539 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006602.D
Acq: 03 Nov 2021 15:09

Tgt Ion: 117	Resp:	12578
Ion Ratio	Lower	Upper
117	100	
119	5.7	76.6 115.0#
121	0.0	24.7 37.1#

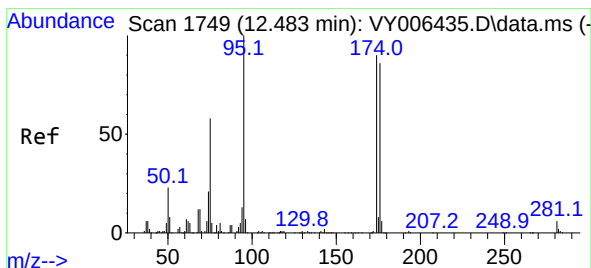
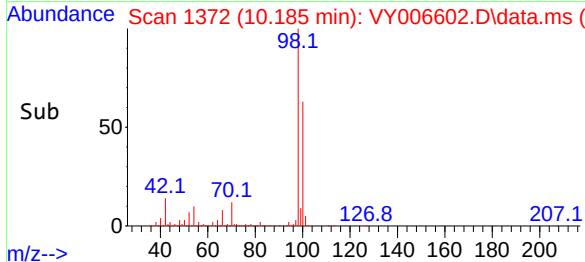
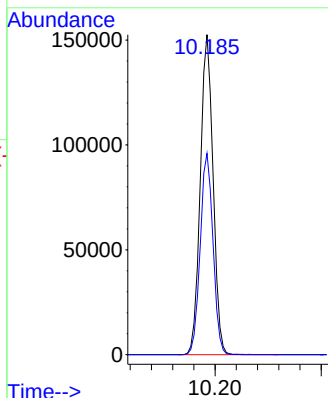
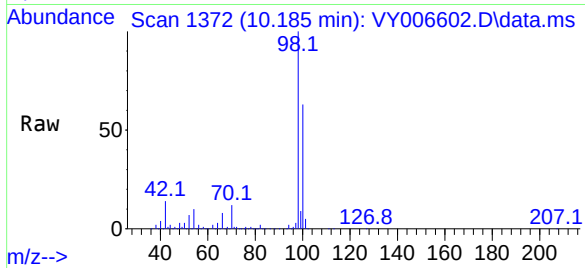




#50
Toluene-d8
Concen: 51.832 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006602.D
Acq: 03 Nov 2021 15:09

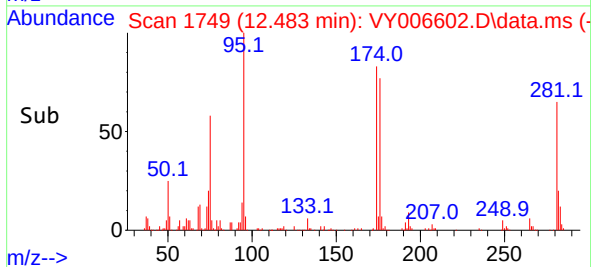
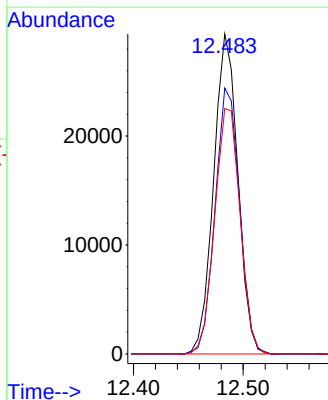
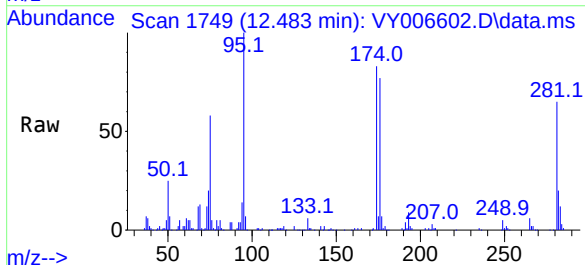
Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-6-20211029-7.5-8RE

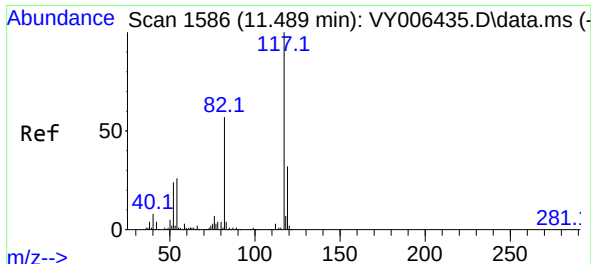
Tgt Ion: 98 Resp: 255150
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 27.180 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006602.D
Acq: 03 Nov 2021 15:09

Tgt Ion: 95 Resp: 45071
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 80.6 0.0 169.4

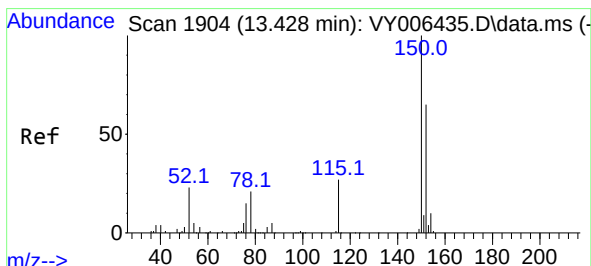
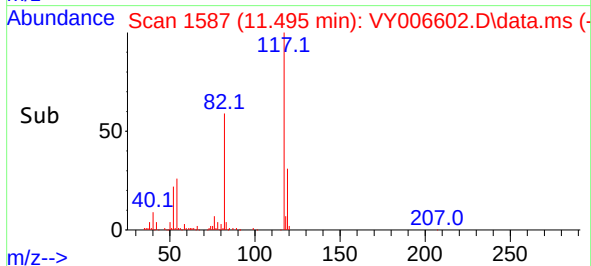
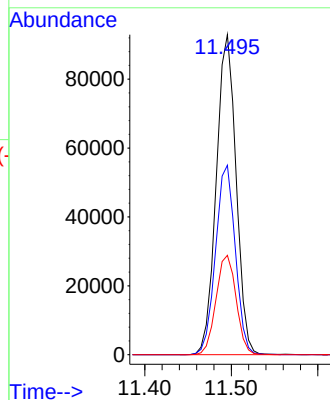
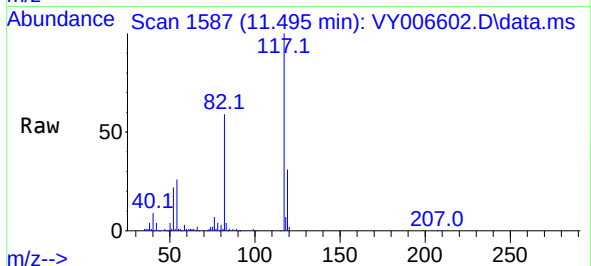




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY006602.D
Acq: 03 Nov 2021 15:09

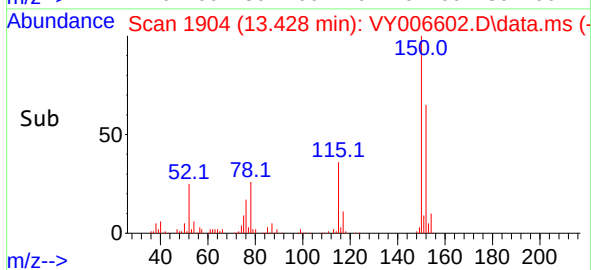
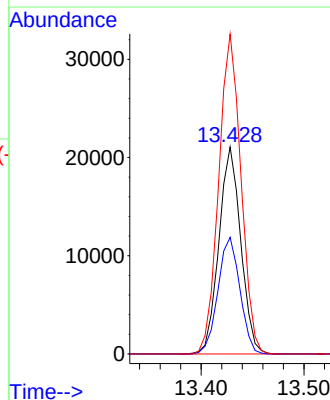
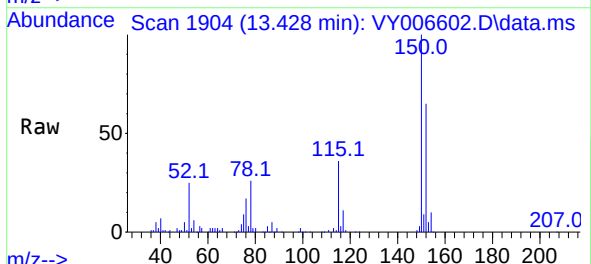
Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-6-20211029-7.5-8RE

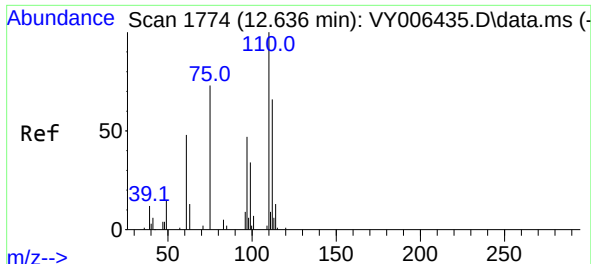
Tgt Ion:	117	Resp:	147624
Ion	Ratio	Lower	Upper
117	100		
82	59.2	45.7	68.5
119	31.1	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006602.D
Acq: 03 Nov 2021 15:09

Tgt Ion:	152	Resp:	31086
Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.5	85.5
150	157.1	0.0	348.2

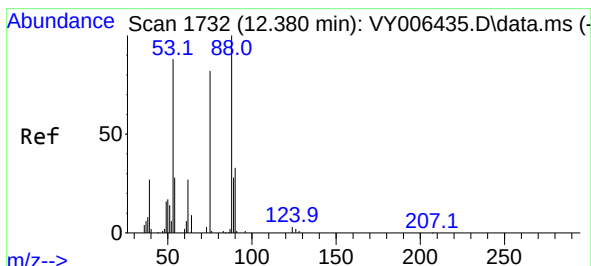
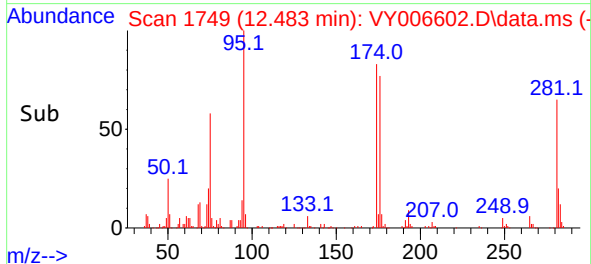
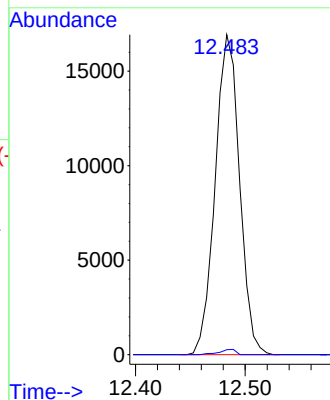
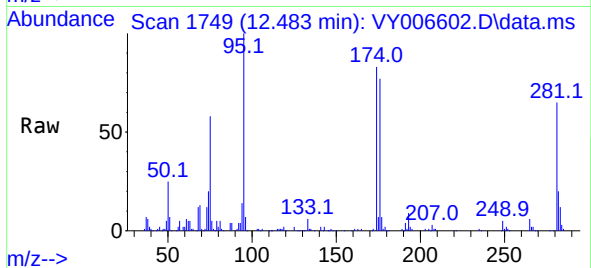




#76
1,2,3-Trichloropropane
Concen: 81.602 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006602.D
Acq: 03 Nov 2021 15:09

Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-6-20211029-7.5-8RE

Tgt Ion: 75 Resp: 26140
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 167.527 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006602.D
Acq: 03 Nov 2021 15:09

Tgt Ion: 75 Resp: 26140
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.4 39.3 58.9#

