

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
 Data File : VY010257.D
 Acq On : 31 Aug 2022 19:48
 Operator : KP/MD
 Sample : N4443-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-01-083022

Quant Time: Aug 31 23:42:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 02:23:17 2022
 Response via : Initial Calibration

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

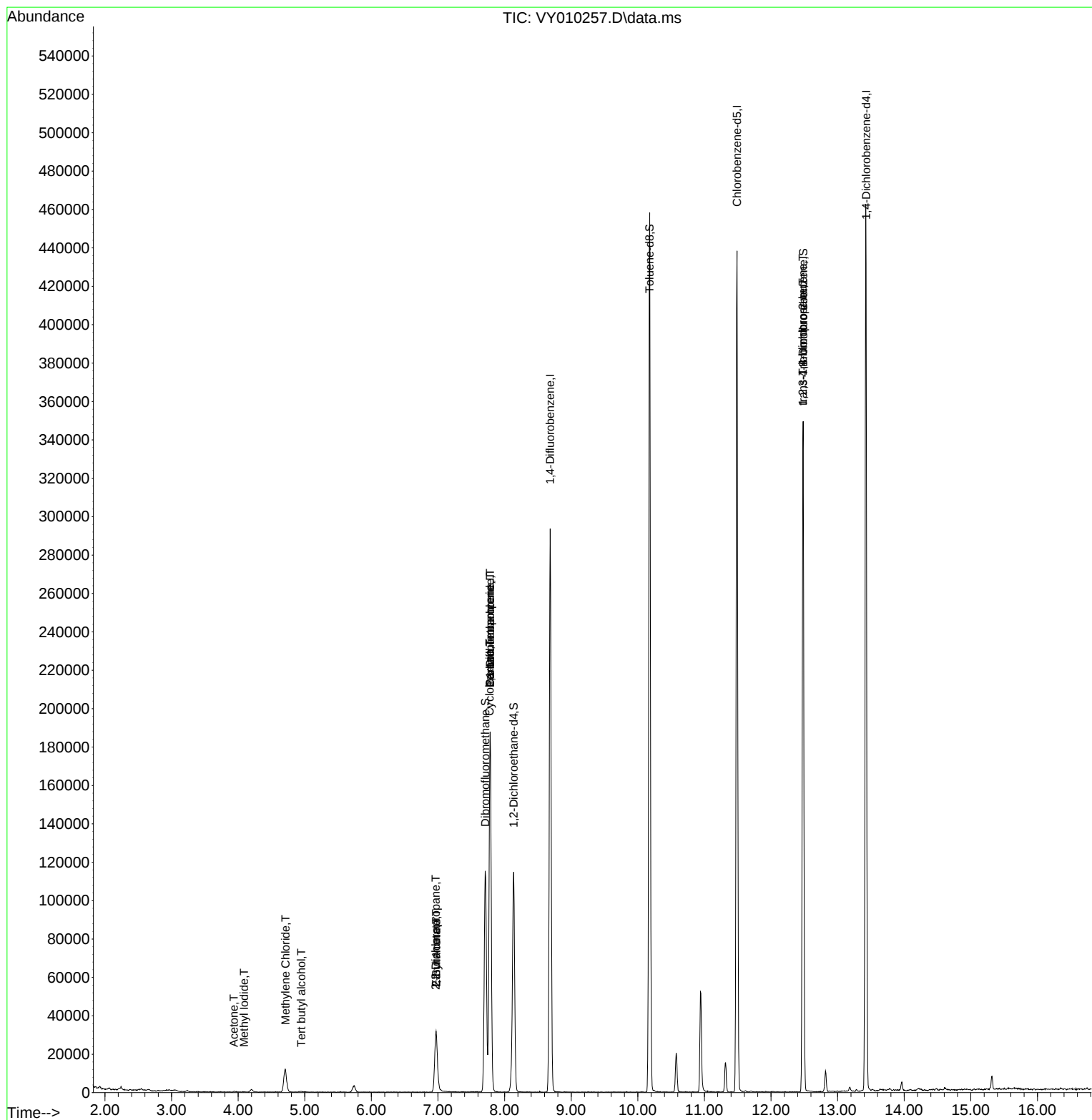
Internal Standards						
1) Pentafluorobenzene	7.782	168	156802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	259540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	252037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	124772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	84644	63.930	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 127.860%			
35) Dibromofluoromethane	7.709	113	83600	55.925	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.840%			
50) Toluene-d8	10.178	98	301786	54.380	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.760%			
62) 4-Bromofluorobenzene	12.483	95	105481	51.011	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.020%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.088	142	174	1.534	ug/l #	47
11) Tert butyl alcohol	4.948	59	833	6.306	ug/l #	77
16) Acetone	3.936	43	548	1.974	ug/l	92
20) Methylene Chloride	4.710	84	9105	5.571	ug/l	87
25) 2-Butanone	6.972	43	1533	3.207	ug/l #	54
26) 2,2-Dichloropropane	6.966	77	2277	1.009	ug/l #	55
31) Cyclohexane	7.776	56	2378	1.008	ug/l #	1
36) 1,1-Dichloropropene	7.782	75	10598	4.682	ug/l #	52
37) Ethyl Acetate	6.972	43	1533	1.285	ug/l #	1
38) Carbon Tetrachloride	7.782	117	14270	5.495	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	51016	41.582	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	51016	86.753	ug/l #	7

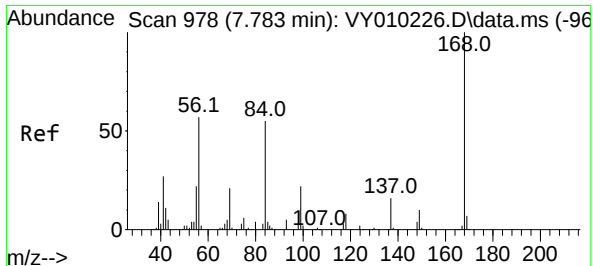
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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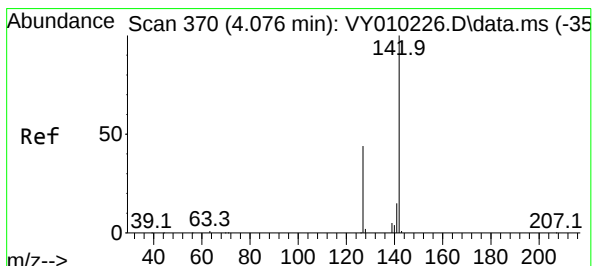
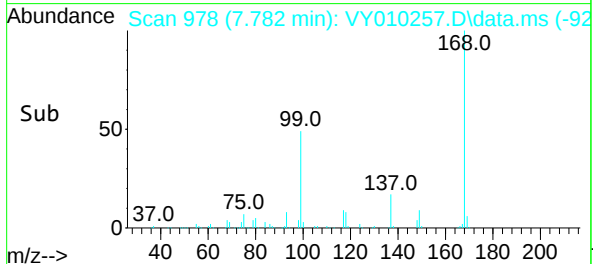
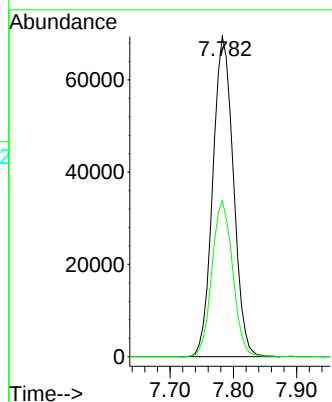
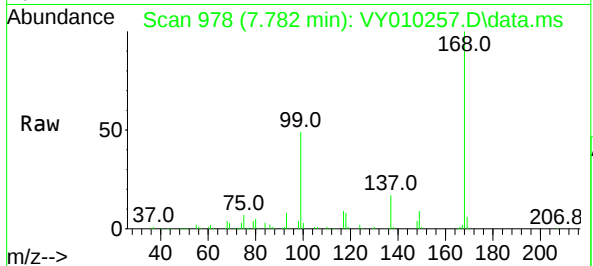




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY010257.D
Acq: 31 Aug 2022 19:48

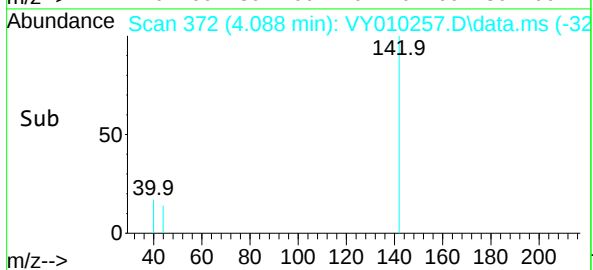
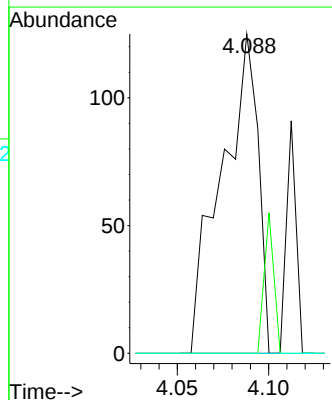
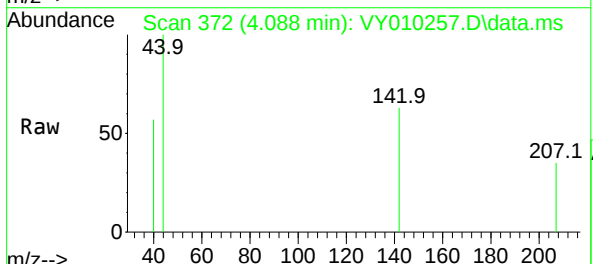
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-083022

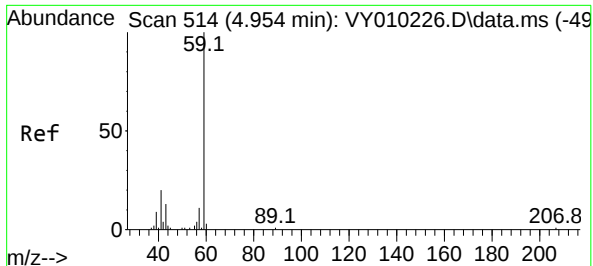
Tgt Ion:168 Resp: 156802
Ion Ratio Lower Upper
168 100
99 48.8 46.9 70.3



#10
Methyl Iodide
Concen: 1.534 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.012 min
Lab File: VY010257.D
Acq: 31 Aug 2022 19:48

Tgt Ion:142 Resp: 174
Ion Ratio Lower Upper
142 100
127 11.5 41.5 62.3#
141 0.0 11.9 17.9#

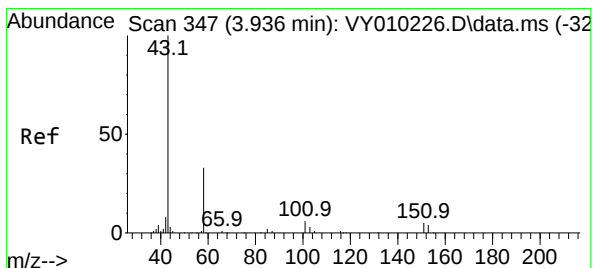
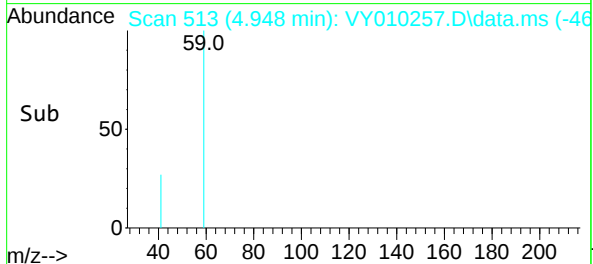
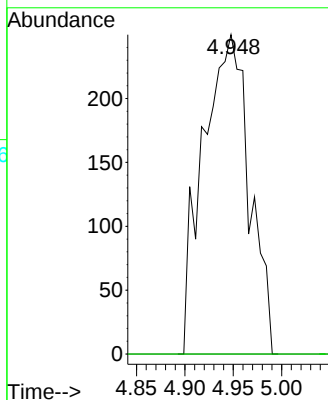
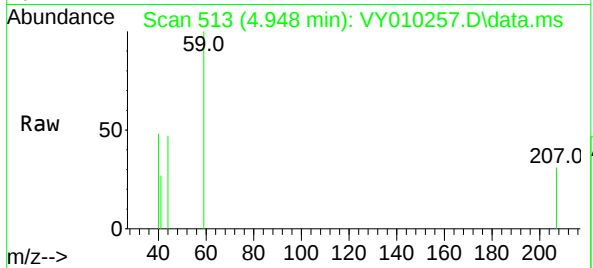




#11
Tert butyl alcohol
Concen: 6.306 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.007 min
Lab File: VY010257.D
Acq: 31 Aug 2022 19:48

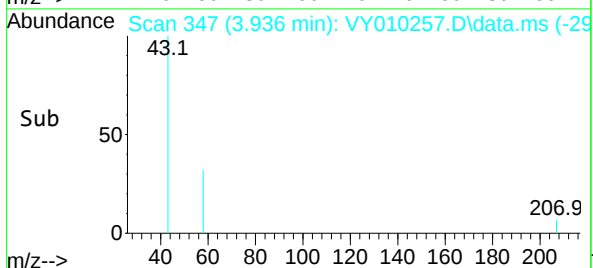
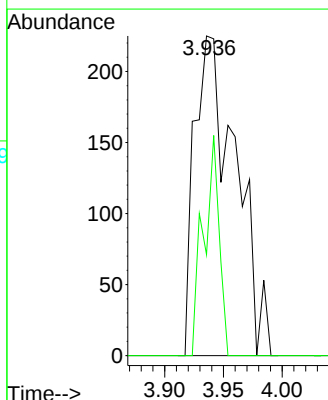
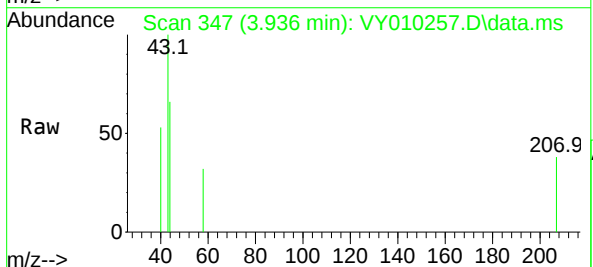
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-083022

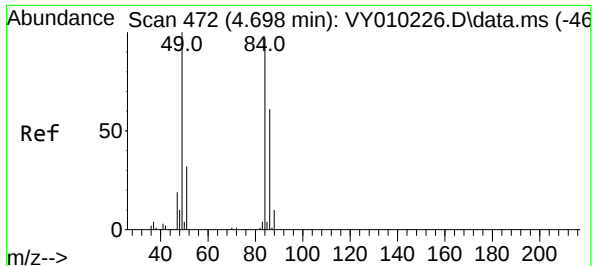
Tgt Ion: 59 Resp: 833
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 1.974 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY010257.D
Acq: 31 Aug 2022 19:48

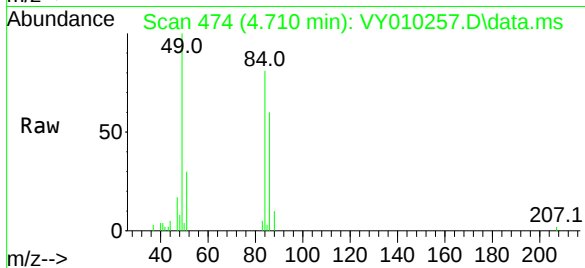
Tgt Ion: 43 Resp: 548
Ion Ratio Lower Upper
43 100
58 31.6 22.0 33.0



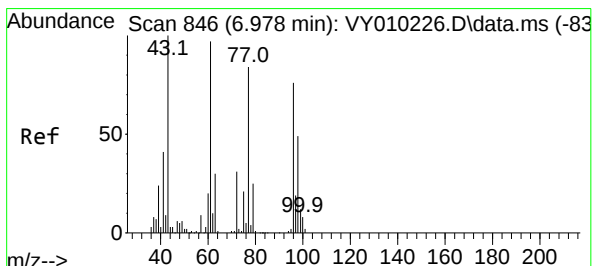
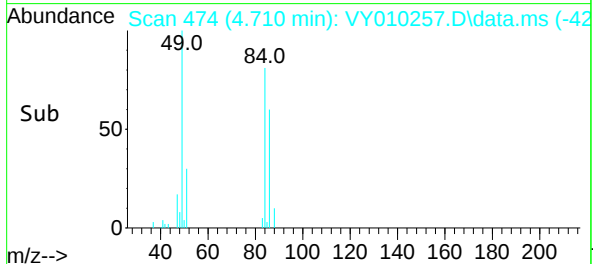
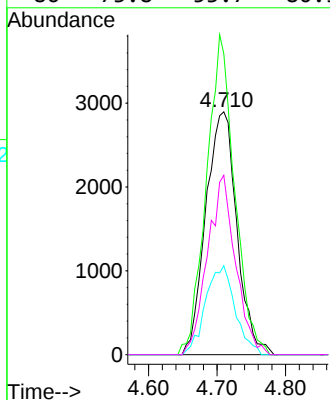


#20
Methylene Chloride
Concen: 5.571 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY010257.D
Acq: 31 Aug 2022 19:48

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-083022

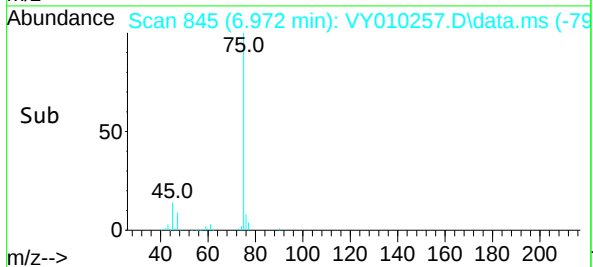
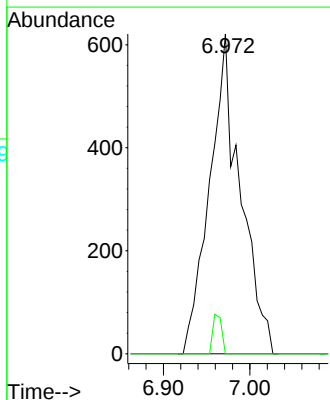
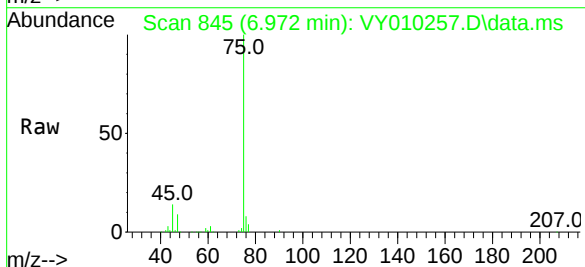


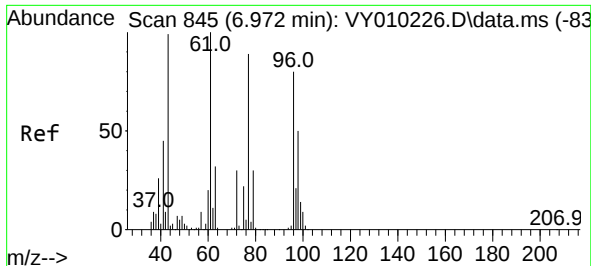
Tgt Ion:	84	Resp:	9105
Ion	Ratio	Lower	Upper
84	100		
49	123.9	114.4	171.6
51	36.6	35.3	52.9
86	73.8	53.7	80.5



#25
2-Butanone
Concen: 3.207 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.007 min
Lab File: VY010257.D
Acq: 31 Aug 2022 19:48

Tgt Ion:	43	Resp:	1533
Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#





#26

2,2-Dichloropropane

Concen: 1.009 ug/l

RT: 6.966 min Scan# 845

Delta R.T. -0.007 min

Lab File: VY010257.D

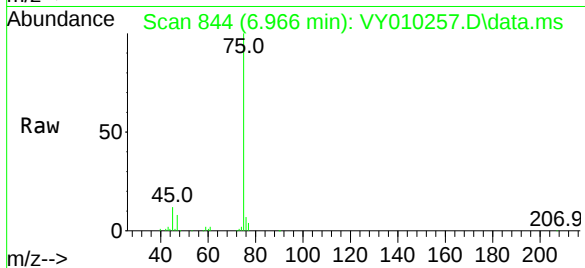
Acq: 31 Aug 2022 19:48

Instrument :

MSVOA_Y

ClientSampleId :

HD-01-083022

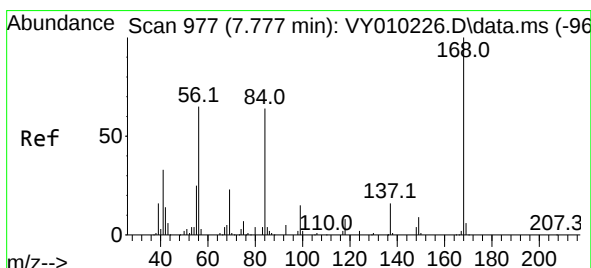
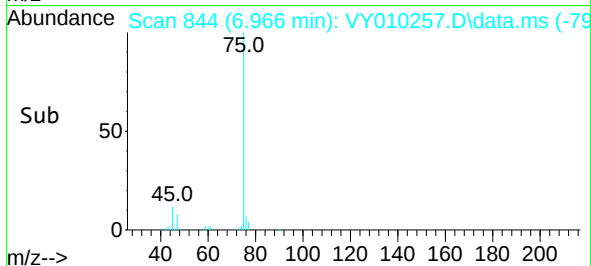
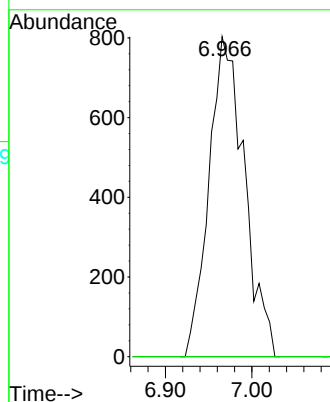


Tgt Ion: 77 Resp: 2277

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#



#31

Cyclohexane

Concen: 1.008 ug/l

RT: 7.776 min Scan# 977

Delta R.T. -0.000 min

Lab File: VY010257.D

Acq: 31 Aug 2022 19:48

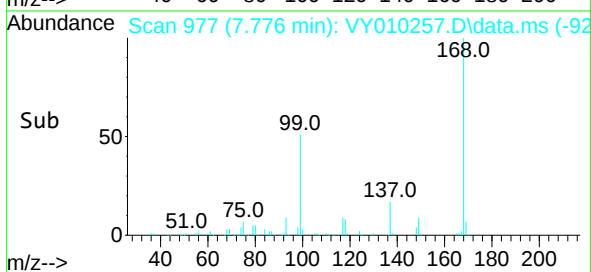
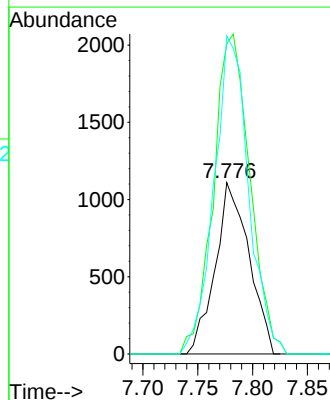
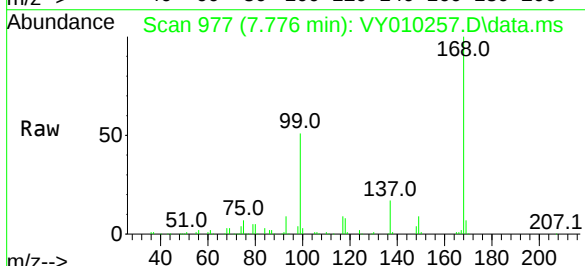
Tgt Ion: 56 Resp: 2378

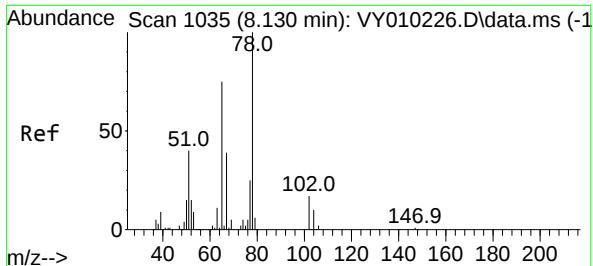
Ion Ratio Lower Upper

56 100

69 181.0 26.7 40.1#

84 185.6 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 63.930 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VY010257.D

Acq: 31 Aug 2022 19:48

Instrument :

MSVOA_Y

ClientSampleId :

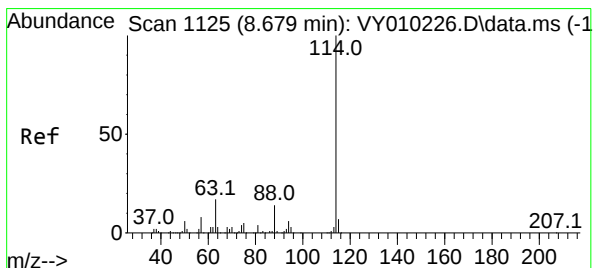
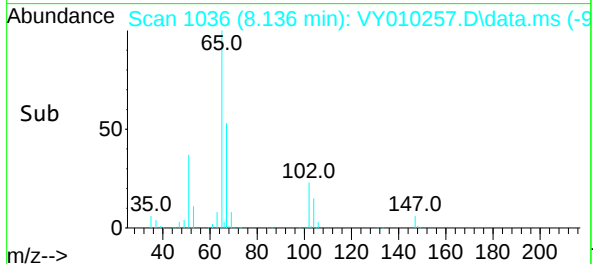
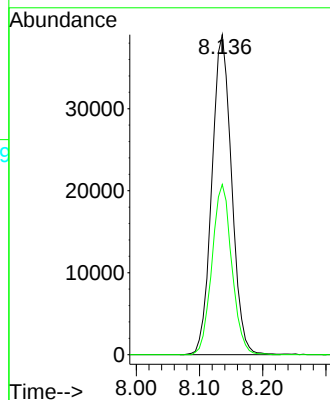
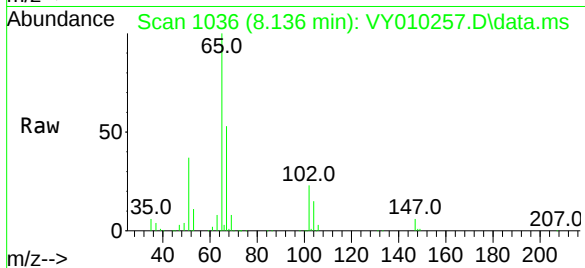
HD-01-083022

Tgt Ion: 65 Resp: 84644

Ion Ratio Lower Upper

65 100

67 53.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY010257.D

Acq: 31 Aug 2022 19:48

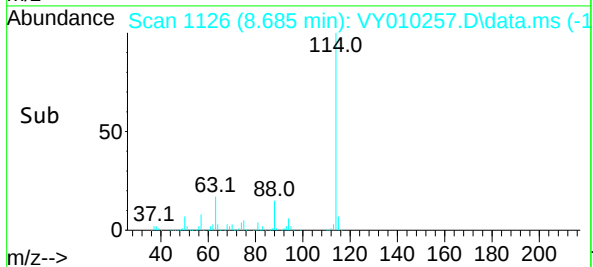
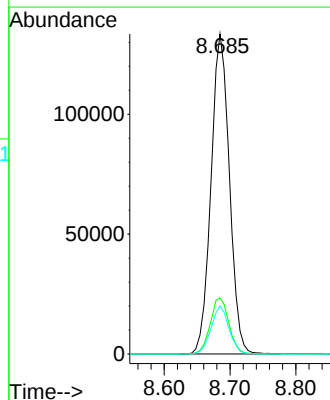
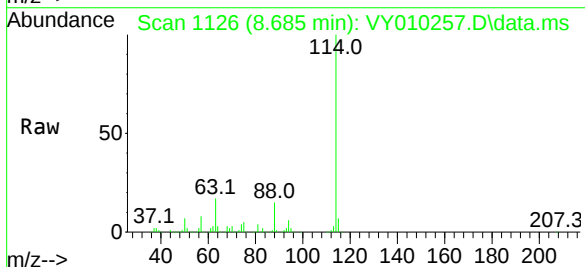
Tgt Ion: 114 Resp: 259540

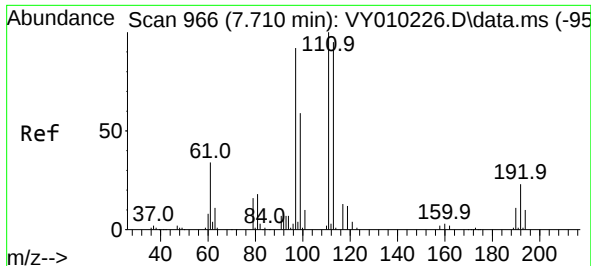
Ion Ratio Lower Upper

114 100

63 17.5 0.0 43.2

88 15.0 0.0 31.8

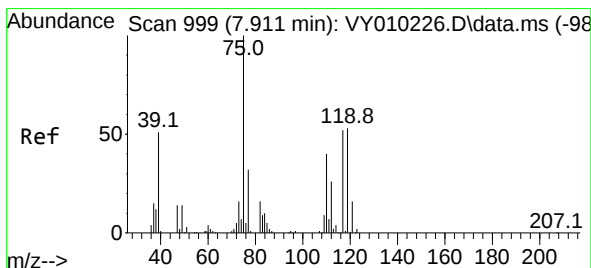
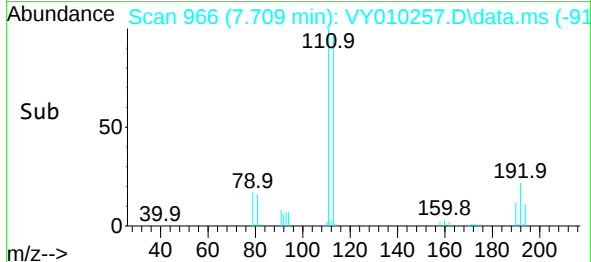
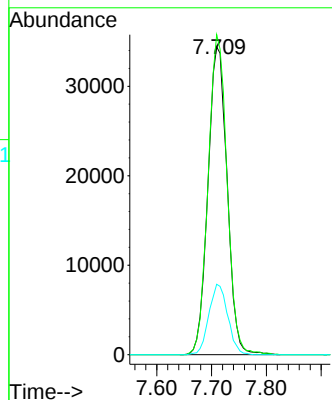
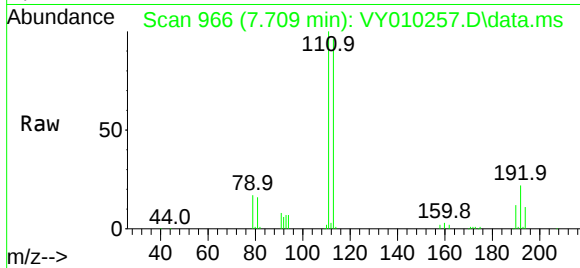




#35
Dibromofluoromethane
Concen: 55.925 ug/l
RT: 7.709 min Scan# 911
Delta R.T. -0.001 min
Lab File: VY010257.D
Acq: 31 Aug 2022 19:48

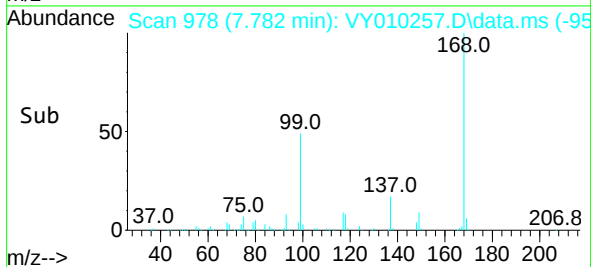
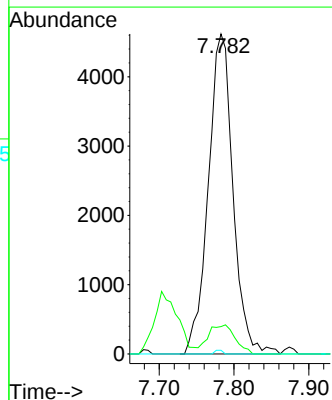
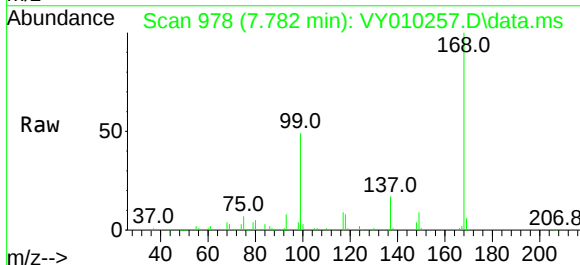
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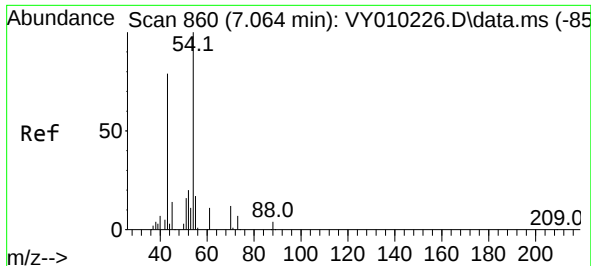
Tgt Ion:113 Resp: 83600
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 22.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.682 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010257.D
Acq: 31 Aug 2022 19:48

Tgt Ion: 75 Resp: 10598
Ion Ratio Lower Upper
75 100
110 9.8 17.1 51.2#
77 0.4 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.285 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.092 min

Lab File: VY010257.D

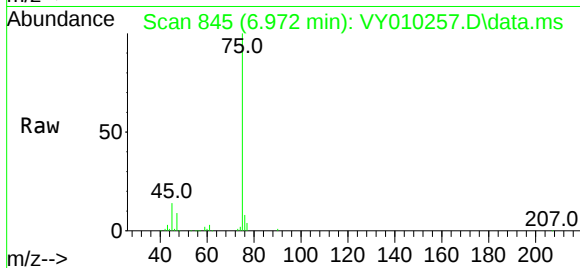
Acq: 31 Aug 2022 19:48

Instrument :

MSVOA_Y

ClientSampleId :

HD-01-083022



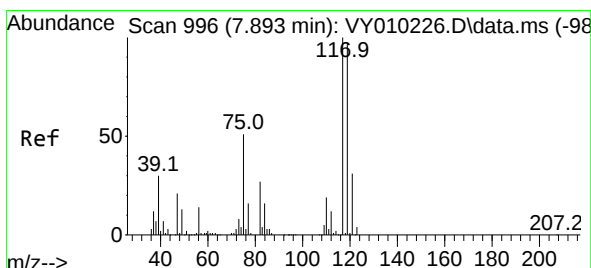
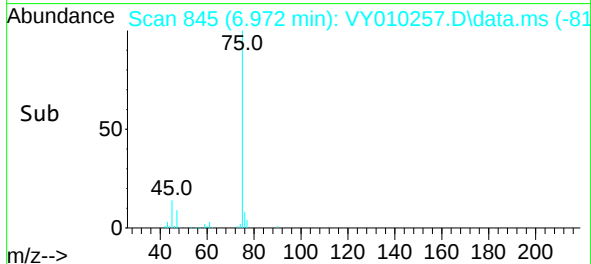
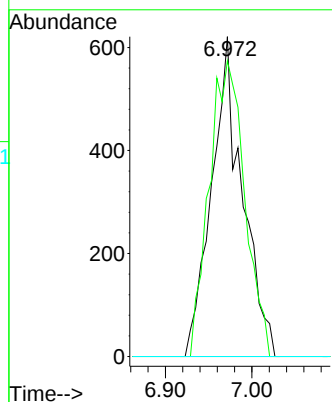
Tgt Ion: 43 Resp: 1533

Ion Ratio Lower Upper

43 100

61 106.7 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.495 ug/l

RT: 7.782 min Scan# 978

Delta R.T. -0.110 min

Lab File: VY010257.D

Acq: 31 Aug 2022 19:48

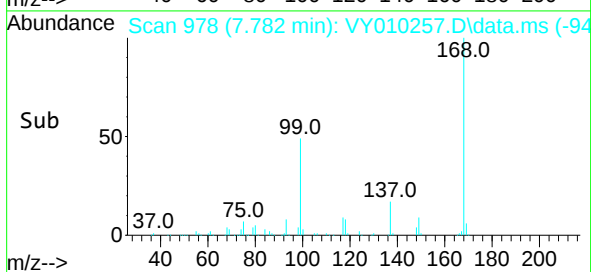
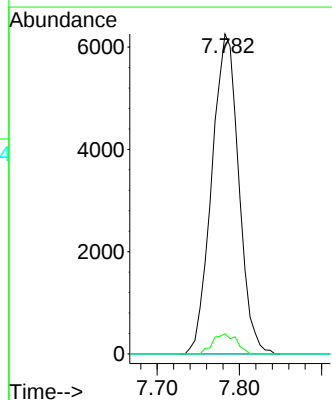
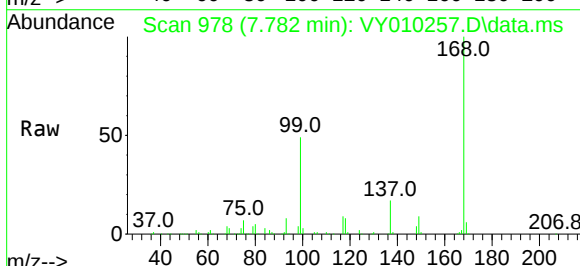
Tgt Ion: 117 Resp: 14270

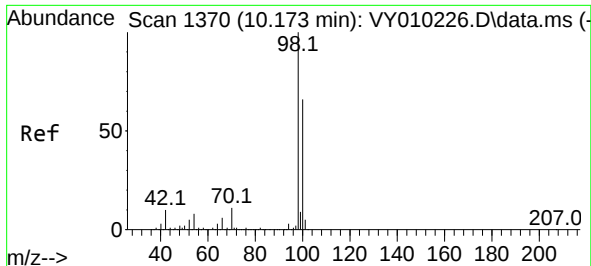
Ion Ratio Lower Upper

117 100

119 6.3 77.9 116.9#

121 0.0 24.8 37.2#

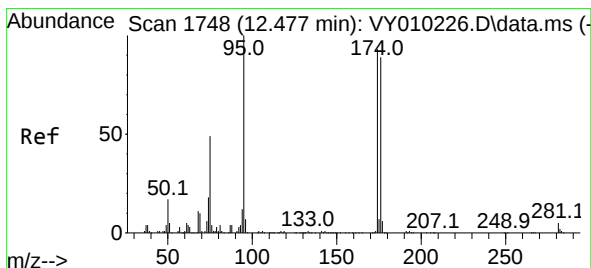
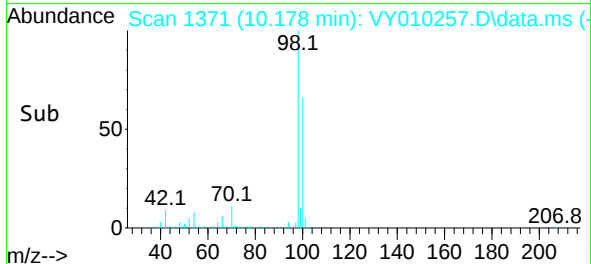
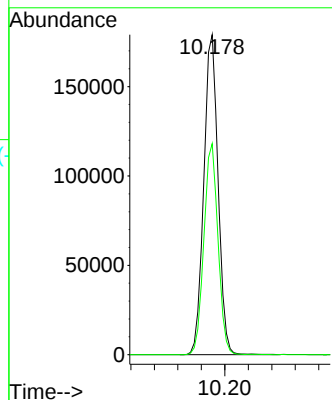
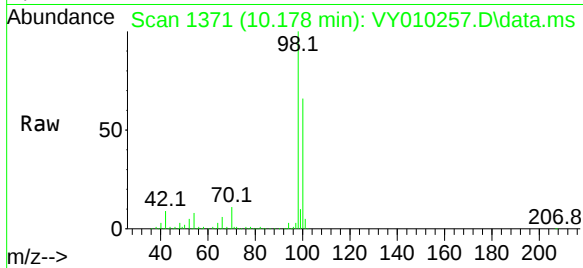




#50
Toluene-d8
Concen: 54.380 ug/l
RT: 10.178 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY010257.D
Acq: 31 Aug 2022 19:48

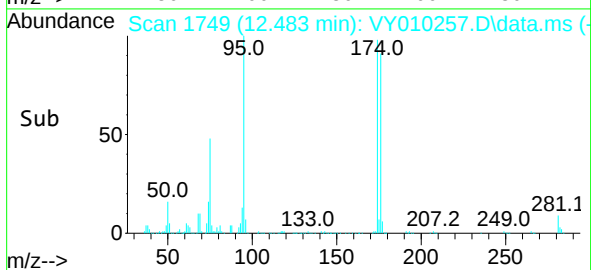
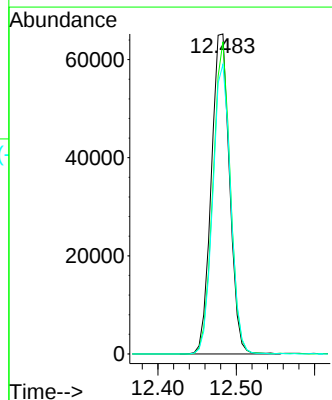
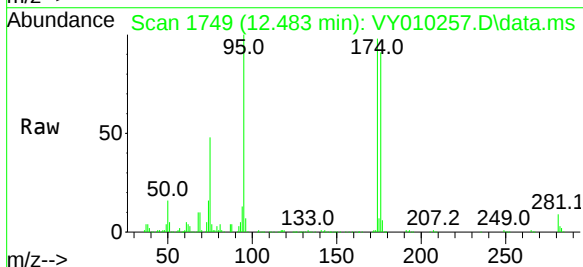
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-083022

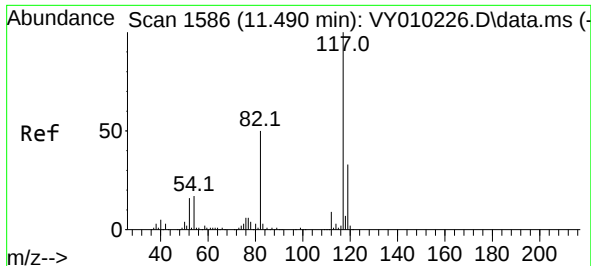
Tgt Ion: 98 Resp: 301786
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.011 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010257.D
Acq: 31 Aug 2022 19:48

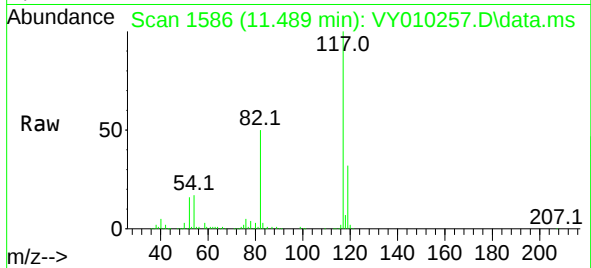
Tgt Ion: 95 Resp: 105481
Ion Ratio Lower Upper
95 100
174 92.5 0.0 177.0
176 88.8 0.0 175.8



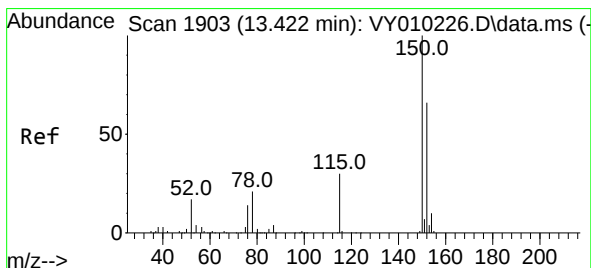
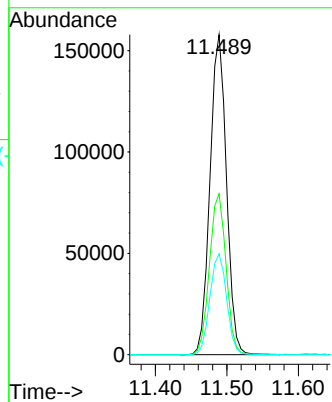
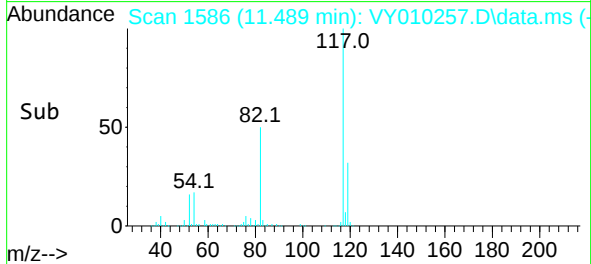


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010257.D
Acq: 31 Aug 2022 19:48

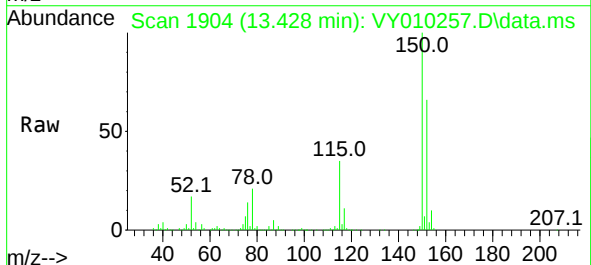
Instrument :
MSVOA_Y
ClientSampleId :
HD-01-083022



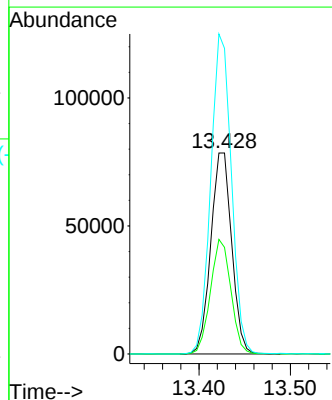
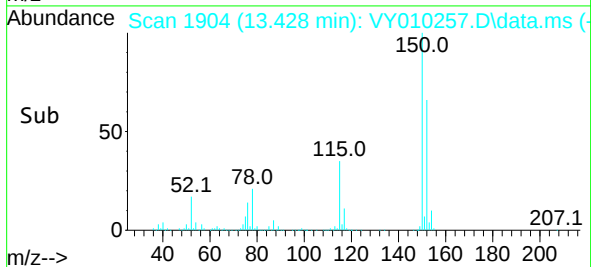
Tgt Ion:117 Resp: 252037
Ion Ratio Lower Upper
117 100
82 50.3 43.0 64.4
119 31.6 25.4 38.0

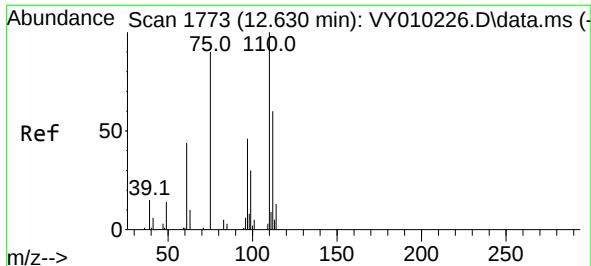


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010257.D
Acq: 31 Aug 2022 19:48



Tgt Ion:152 Resp: 124772
Ion Ratio Lower Upper
152 100
115 55.7 28.2 84.7
150 156.8 0.0 347.6

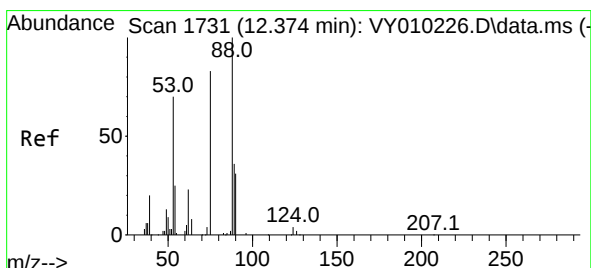
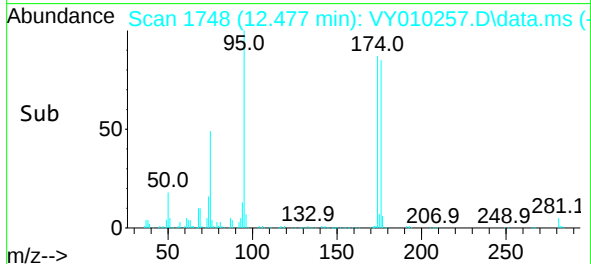
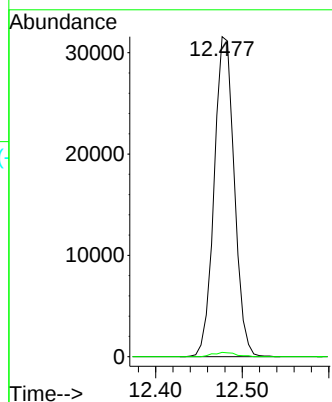
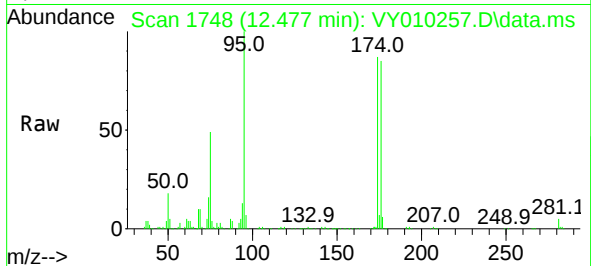




#76
1,2,3-Trichloropropane
Concen: 41.582 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010257.D
Acq: 31 Aug 2022 19:48

Instrument :
MSVOA_Y
ClientSampleId :
HD-01-083022

Tgt Ion: 75 Resp: 51016
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.753 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY010257.D
Acq: 31 Aug 2022 19:48

Tgt Ion: 75 Resp: 51016
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.0 37.0 55.4#

