

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050622\
 Data File : VD072860.D
 Acq On : 06 May 2022 19:20
 Operator : VA/SY
 Sample : N2676-04RE
 Misc : 6.56G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GT-10-(23-25)

Quant Time: May 07 00:06:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

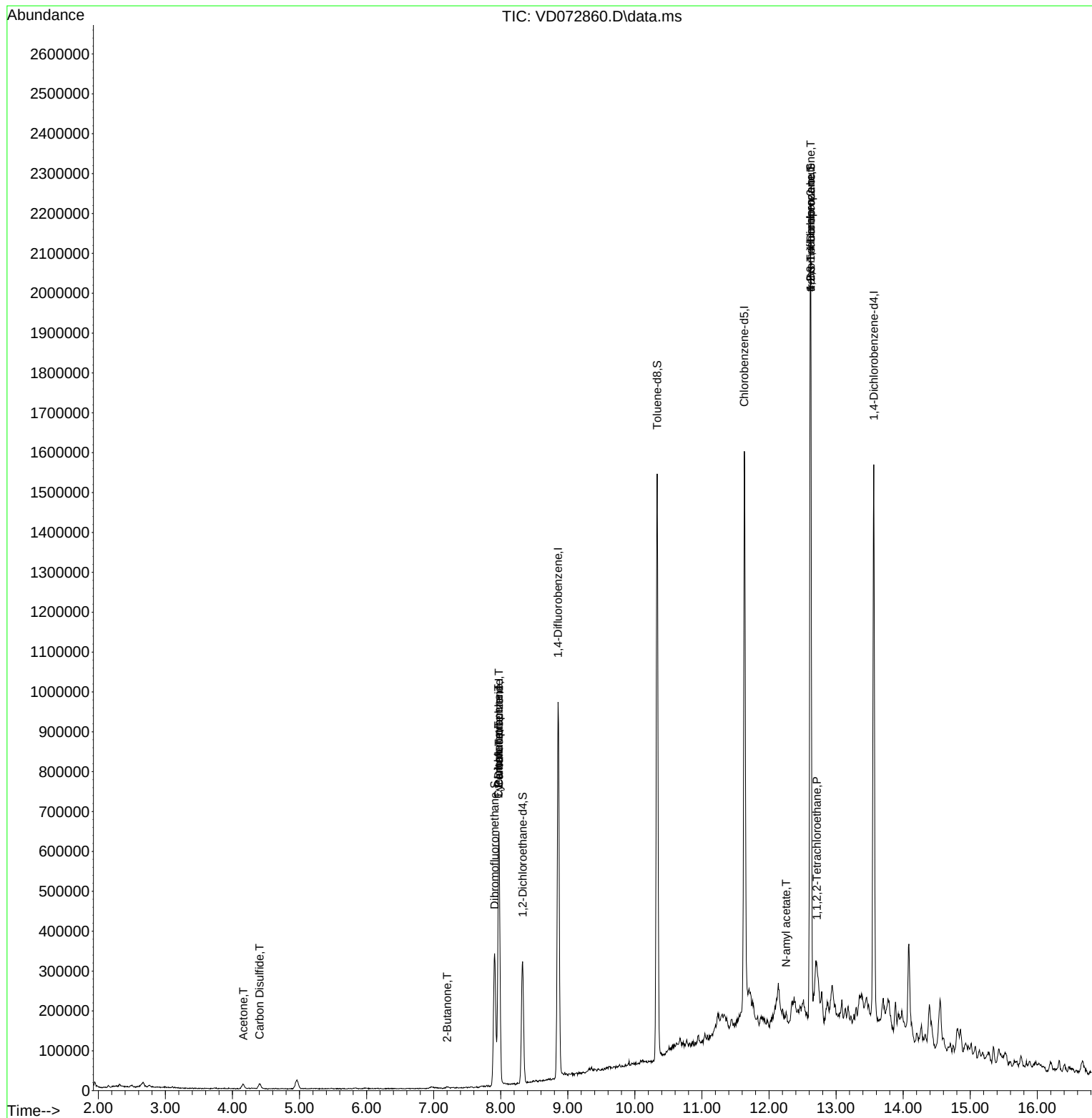
Internal Standards						
1) Pentafluorobenzene	7.973	168	455600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	795736	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	771129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	356945	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	251102	42.459	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.920%		
35) Dibromofluoromethane	7.908	113	245167	43.870	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.740%		
50) Toluene-d8	10.332	98	984590	49.115	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.220%		
62) 4-Bromofluorobenzene	12.620	95	371557	49.708	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.420%		
Target Compounds						
5) Bromomethane	2.762	94	2925	Below Cal	#	54
13) Acrolein	3.926	56	75	Below Cal	#	1
16) Acetone	4.162	43	19094	3.502	ug/l #	88
17) Carbon Disulfide	4.403	76	24520	1.419	ug/l #	89
18) Methyl Acetate	4.720	43	735	Below Cal	#	91
20) Methylene Chloride	4.956	84	18417	Below Cal	#	77
25) 2-Butanone	7.203	43	4941	2.867	ug/l #	71
31) Cyclohexane	7.967	56	11168	1.080	ug/l #	1
36) 1,1-Dichloropropene	7.967	75	39389	4.335	ug/l #	53
38) Carbon Tetrachloride	7.973	117	48090	5.098	ug/l #	18
74) N-amyl acetate	12.255	43	7500	1.084	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.714	83	31636	5.643	ug/l #	32
76) 1,2,3-Trichloropropane	12.620	75	208679	52.430	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	208679	120.567	ug/l #	8

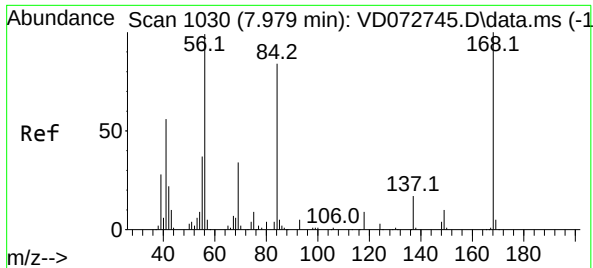
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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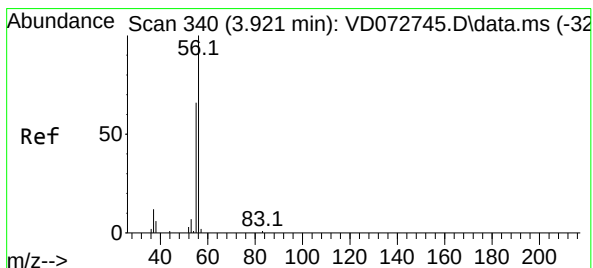
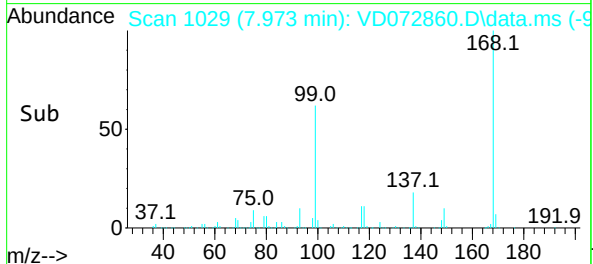
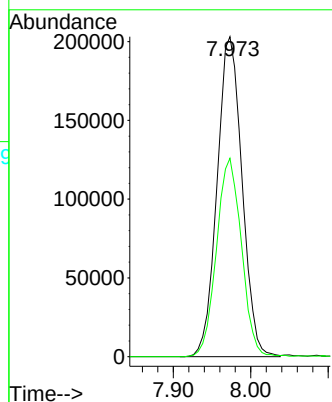
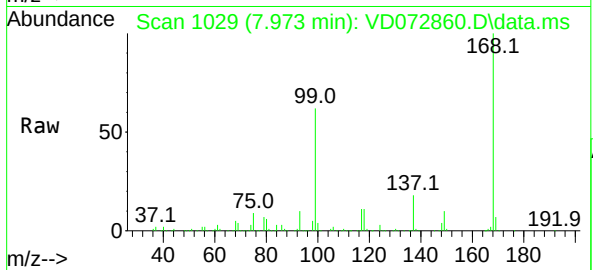




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072860.D
Acq: 06 May 2022 19:20

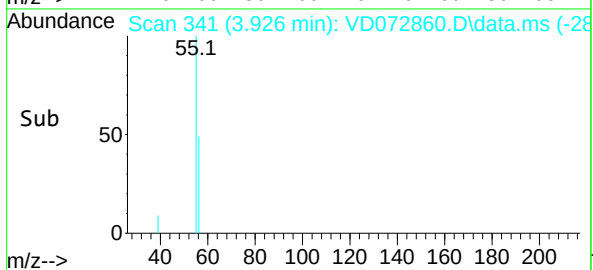
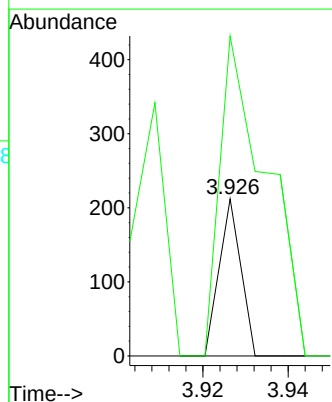
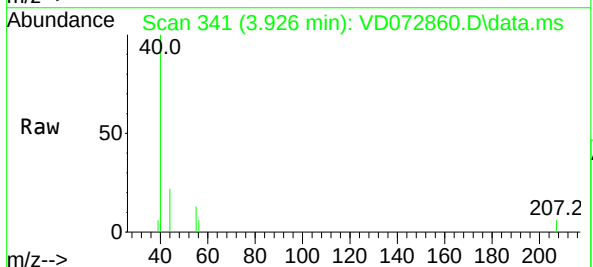
Instrument :
MSVOA_D
ClientSampleId :
GT-10-(23-25)

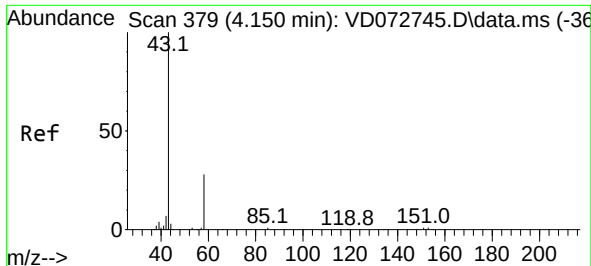
Tgt Ion:168 Resp: 455600
Ion Ratio Lower Upper
168 100
99 62.0 49.8 74.6



#13
Acrolein
Concen: Below Cal
RT: 3.926 min Scan# 341
Delta R.T. 0.005 min
Lab File: VD072860.D
Acq: 06 May 2022 19:20

Tgt Ion: 56 Resp: 75
Ion Ratio Lower Upper
56 100
55 436.0 57.1 85.7#

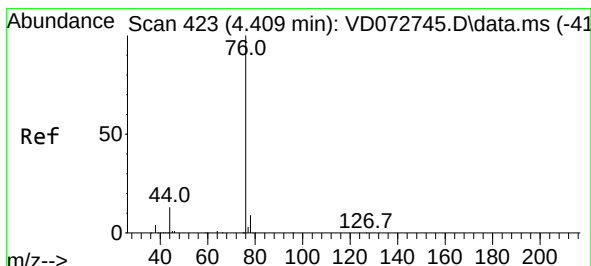
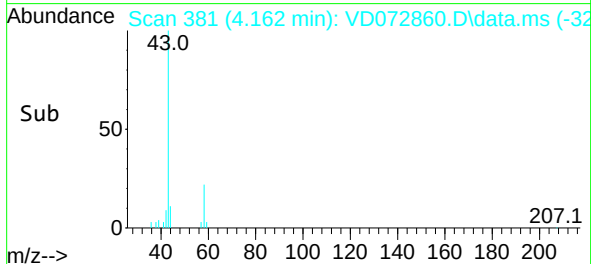
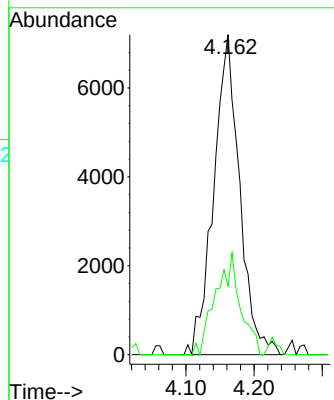
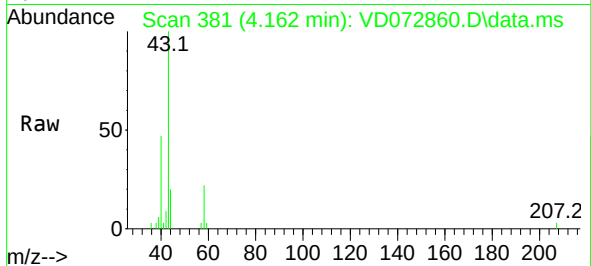




#16
Acetone
Concen: 3.502 ug/l
RT: 4.162 min Scan# 31
Delta R.T. 0.012 min
Lab File: VD072860.D
Acq: 06 May 2022 19:20

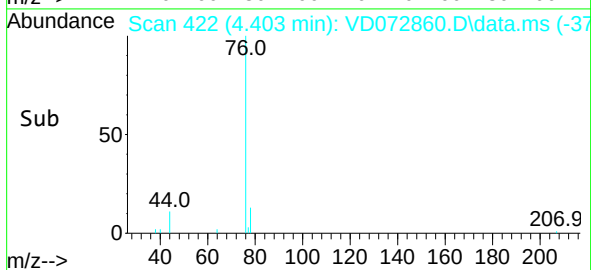
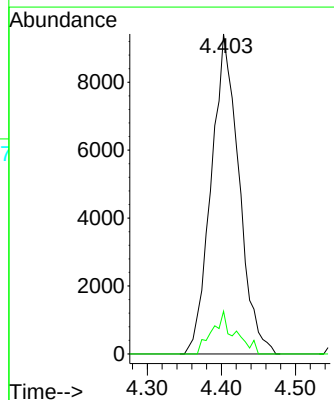
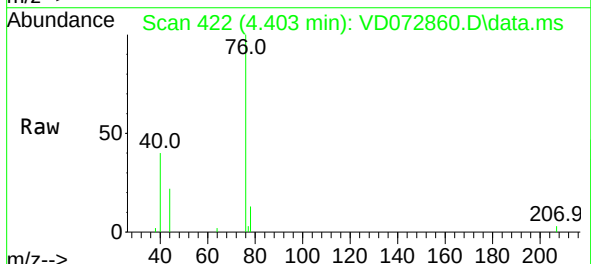
Instrument :
MSVOA_D
ClientSampleId :
GT-10-(23-25)

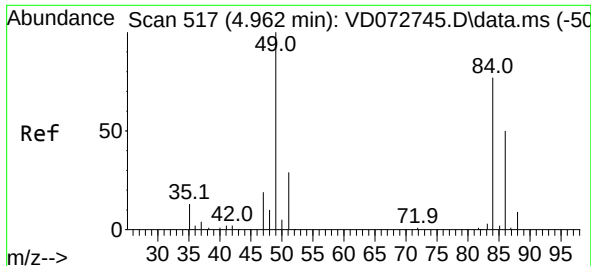
Tgt Ion: 43 Resp: 19094
Ion Ratio Lower Upper
43 100
58 21.5 22.1 33.1#



#17
Carbon Disulfide
Concen: 1.419 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD072860.D
Acq: 06 May 2022 19:20

Tgt Ion: 76 Resp: 24520
Ion Ratio Lower Upper
76 100
78 13.4 7.5 11.3#



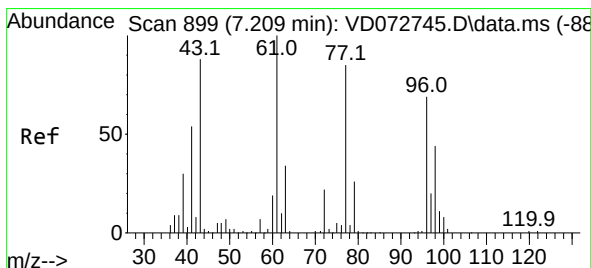
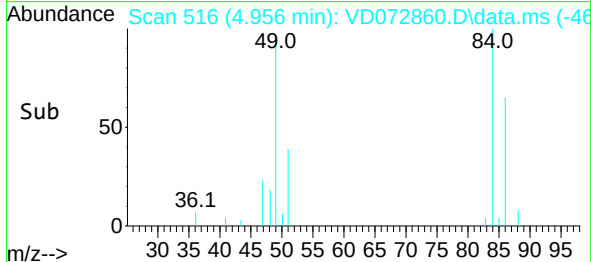
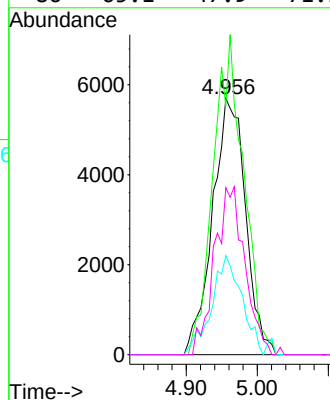
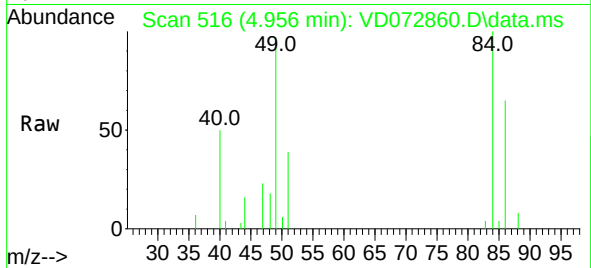


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD072860.D
Acq: 06 May 2022 19:20

Instrument :
MSVOA_D
ClientSampleId :
GT-10-(23-25)

Tgt Ion: 84 Resp: 18417

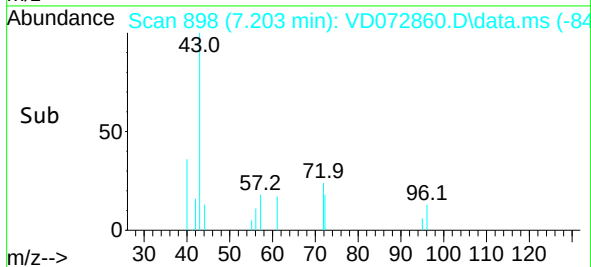
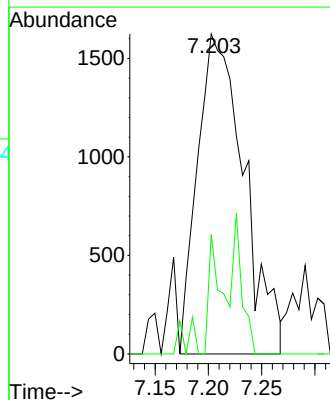
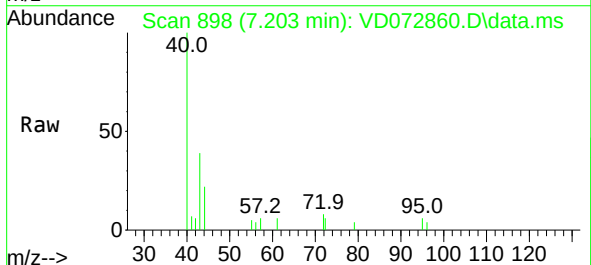
Ion	Ratio	Lower	Upper
84	100		
49	96.9	112.8	169.2#
51	38.6	32.6	48.8
86	65.1	47.9	71.9

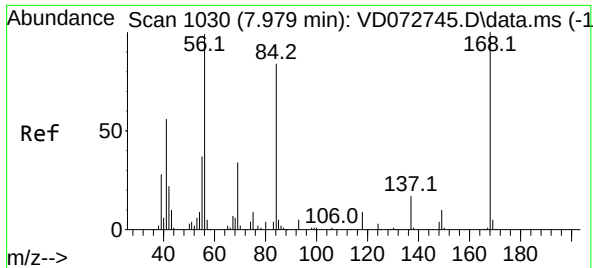


#25
2-Butanone
Concen: 2.867 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD072860.D
Acq: 06 May 2022 19:20

Tgt Ion: 43 Resp: 4941

Ion	Ratio	Lower	Upper
43	100		
72	37.3	18.6	27.8#

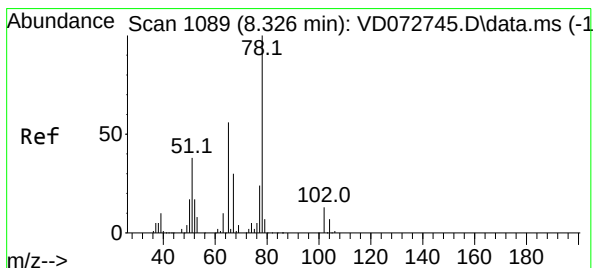
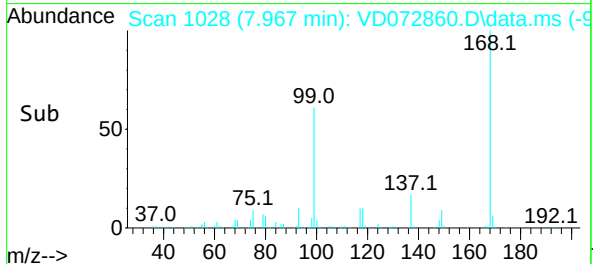
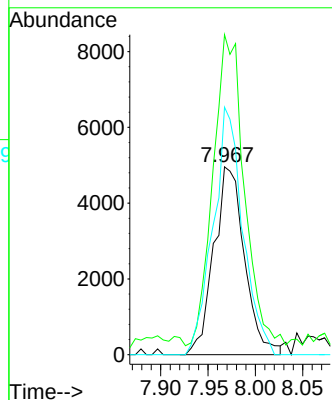
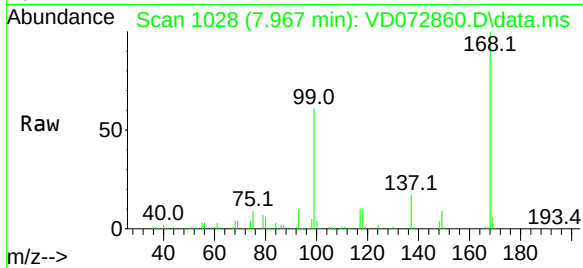




#31
Cyclohexane
Concen: 1.080 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD072860.D
Acq: 06 May 2022 19:20

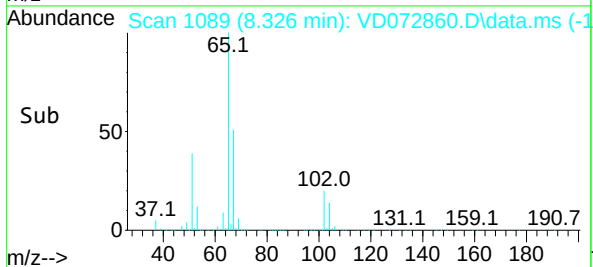
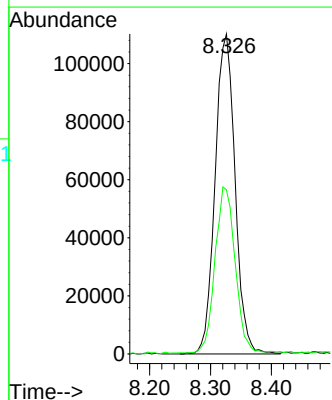
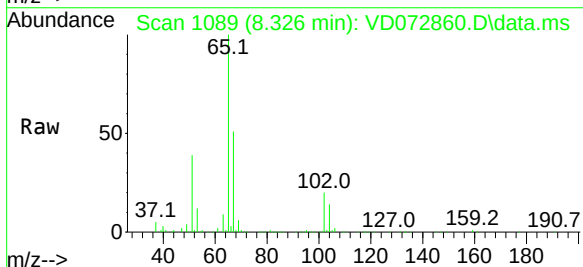
Instrument :
MSVOA_D
ClientSampleId :
GT-10-(23-25)

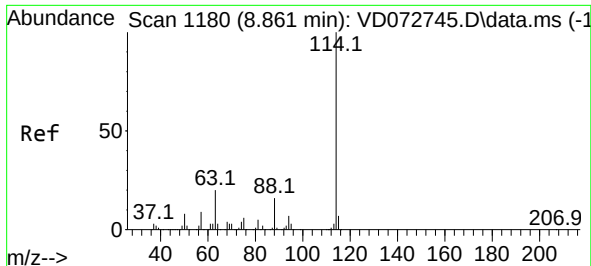
Tgt Ion: 56 Resp: 11168
Ion Ratio Lower Upper
56 100
69 161.2 25.4 38.2#
84 131.7 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 42.459 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072860.D
Acq: 06 May 2022 19:20

Tgt Ion: 65 Resp: 251102
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD072860.D

Acq: 06 May 2022 19:20

Instrument :

MSVOA_D

ClientSampleId :

GT-10-(23-25)

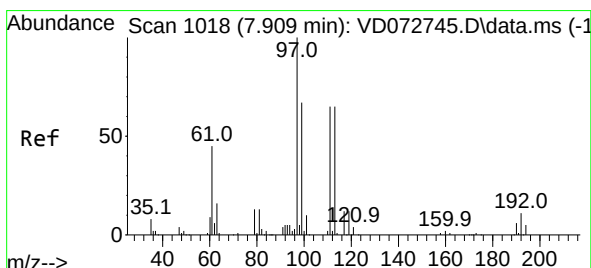
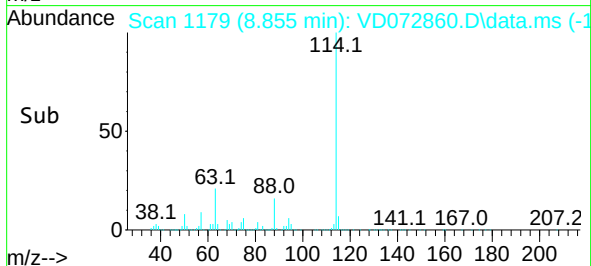
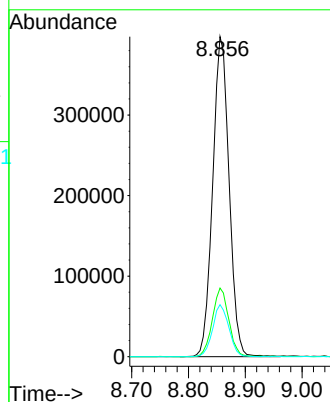
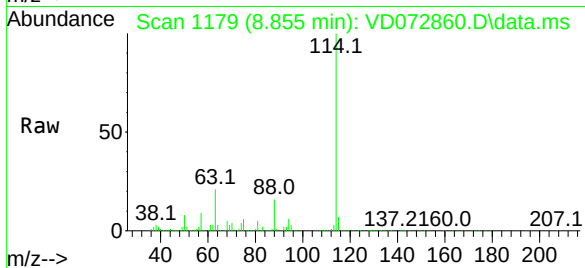
Tgt Ion:114 Resp: 795736

Ion Ratio Lower Upper

114 100

63 21.4 0.0 46.6

88 16.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 43.870 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072860.D

Acq: 06 May 2022 19:20

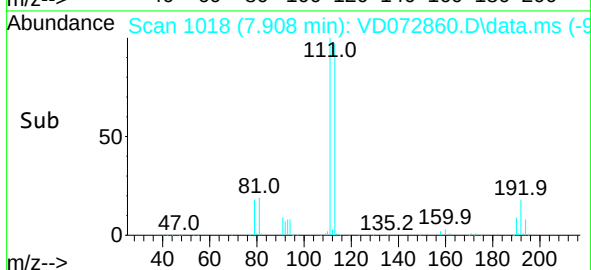
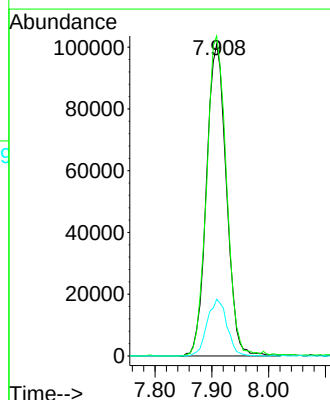
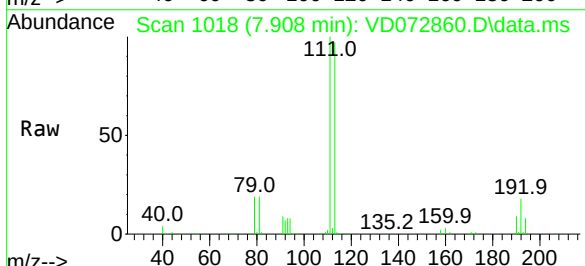
Tgt Ion:113 Resp: 245167

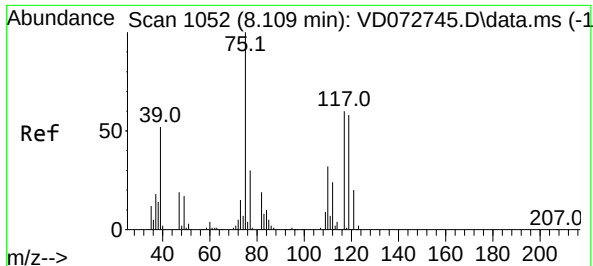
Ion Ratio Lower Upper

113 100

111 102.3 83.8 125.6

192 18.1 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.335 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.142 min

Lab File: VD072860.D

Acq: 06 May 2022 19:20

Instrument :

MSVOA_D

ClientSampleId :

GT-10-(23-25)

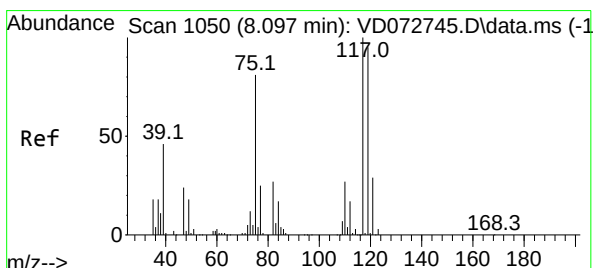
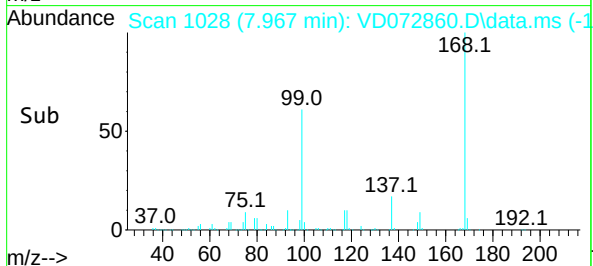
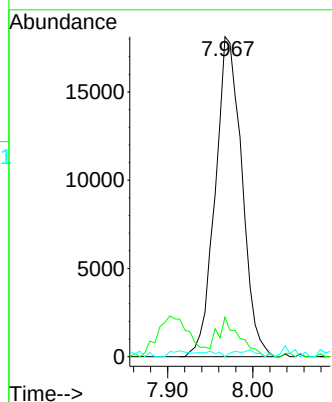
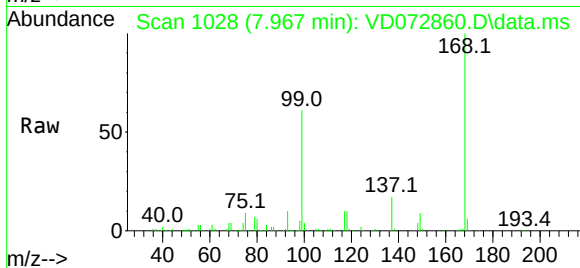
Tgt Ion: 75 Resp: 39389

Ion Ratio Lower Upper

75 100

110 11.0 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.098 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.124 min

Lab File: VD072860.D

Acq: 06 May 2022 19:20

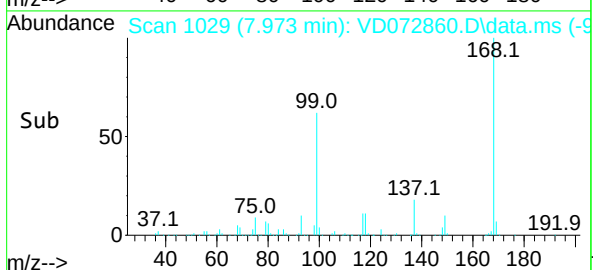
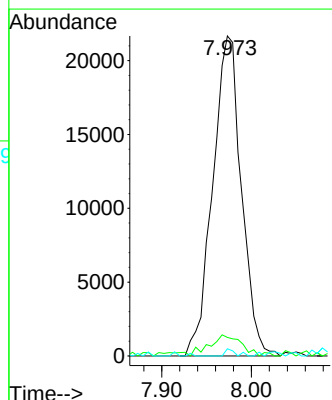
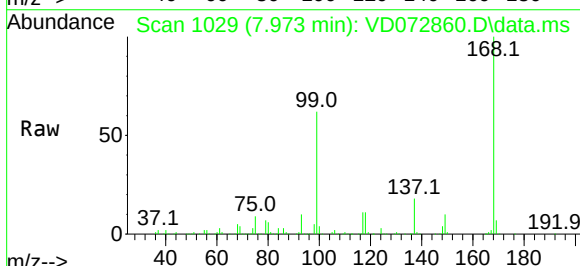
Tgt Ion: 117 Resp: 48090

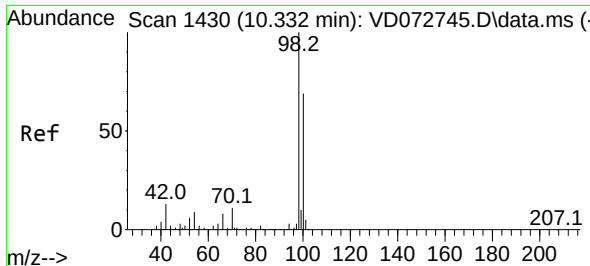
Ion Ratio Lower Upper

117 100

119 5.8 75.8 113.6#

121 2.2 24.5 36.7#

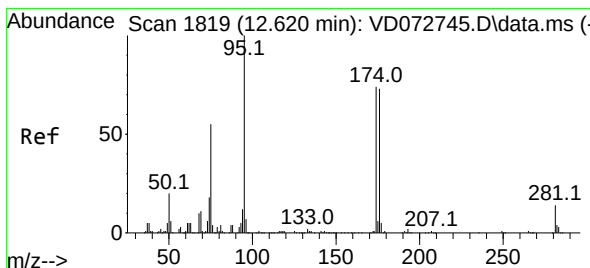
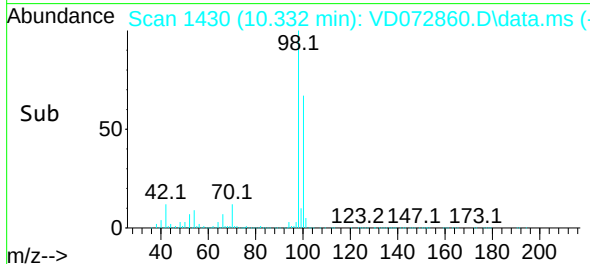
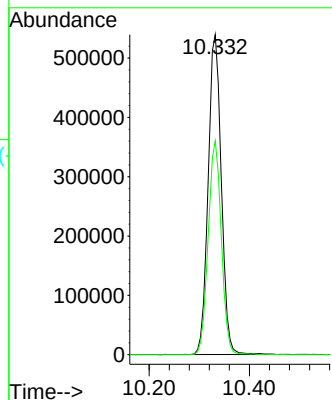
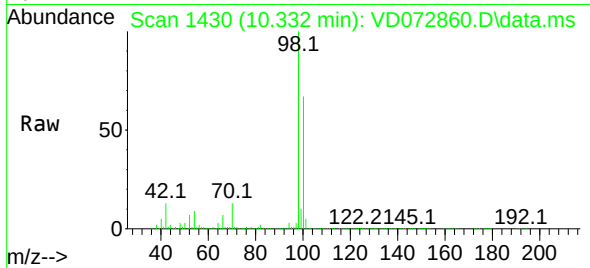




#50
Toluene-d8
Concen: 49.115 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072860.D
Acq: 06 May 2022 19:20

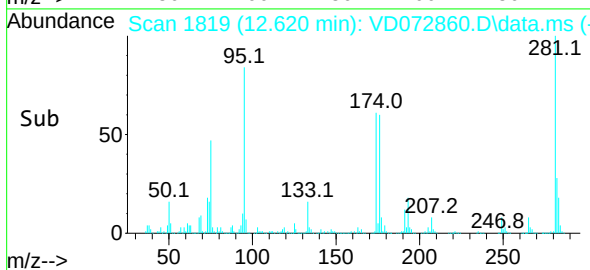
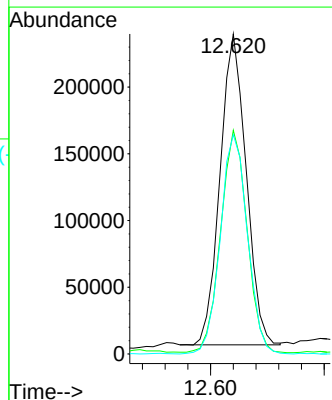
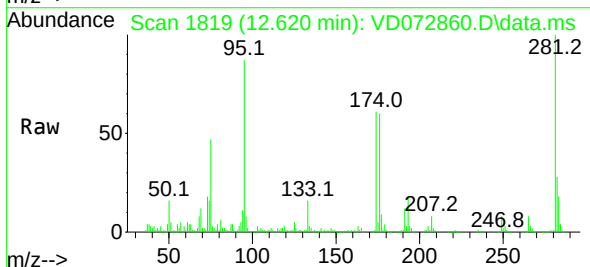
Instrument :
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GT-10-(23-25)

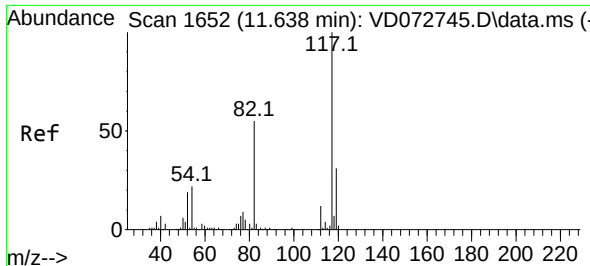
Tgt Ion: 98 Resp: 984590
Ion Ratio Lower Upper
98 100
100 66.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.708 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072860.D
Acq: 06 May 2022 19:20

Tgt Ion: 95 Resp: 371557
Ion Ratio Lower Upper
95 100
174 72.4 0.0 152.8
176 73.3 0.0 145.4

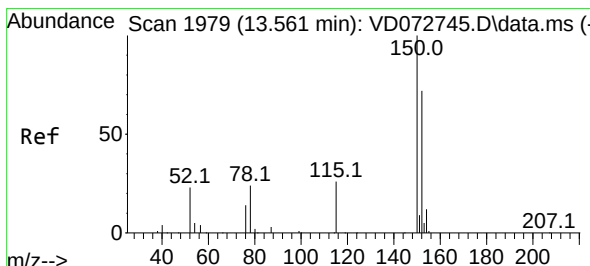
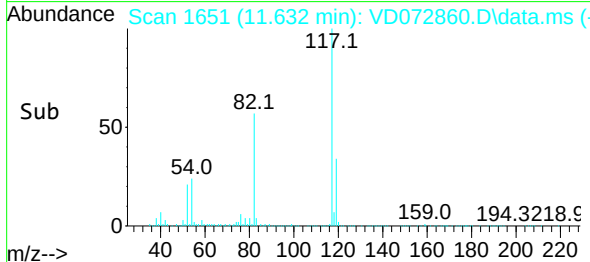
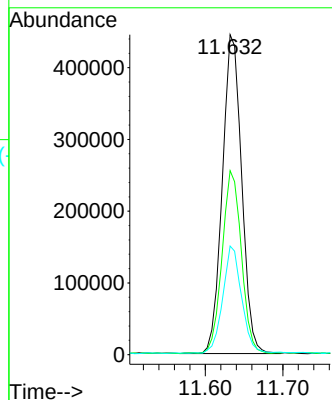
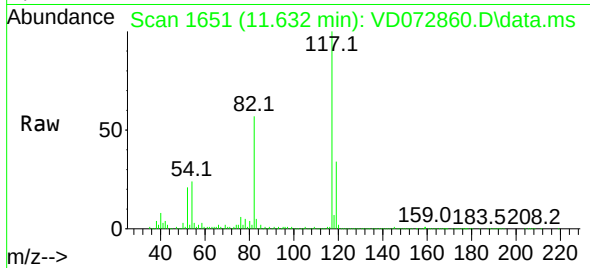




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072860.D
Acq: 06 May 2022 19:20

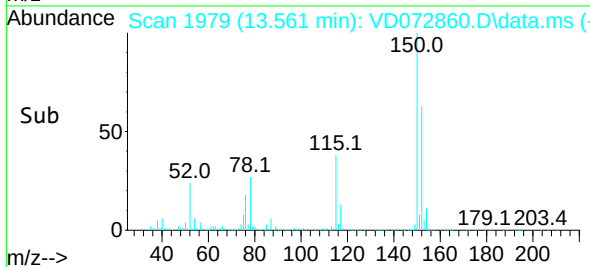
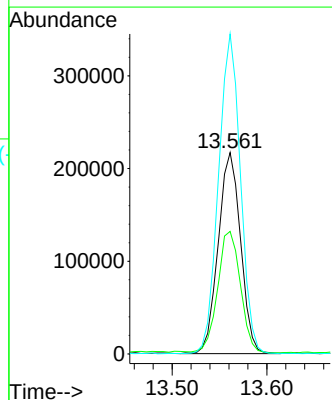
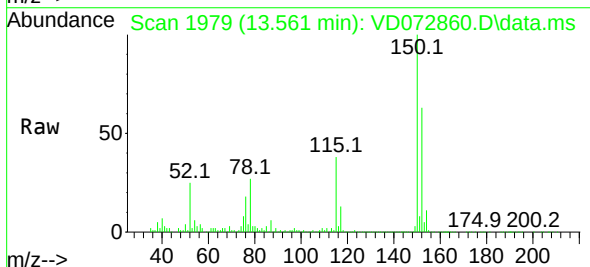
Instrument :
MSVOA_D
ClientSampleId :
GT-10-(23-25)

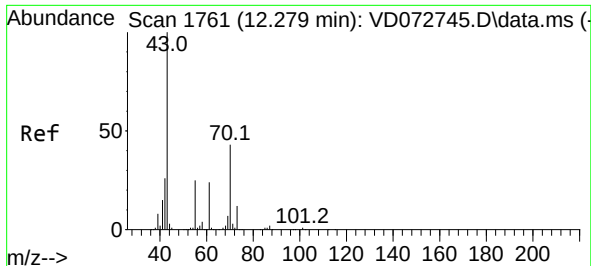
Tgt Ion:117 Resp: 771129
Ion Ratio Lower Upper
117 100
82 57.3 45.3 67.9
119 33.6 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072860.D
Acq: 06 May 2022 19:20

Tgt Ion:152 Resp: 356945
Ion Ratio Lower Upper
152 100
115 61.4 31.3 93.8
150 155.4 0.0 348.6

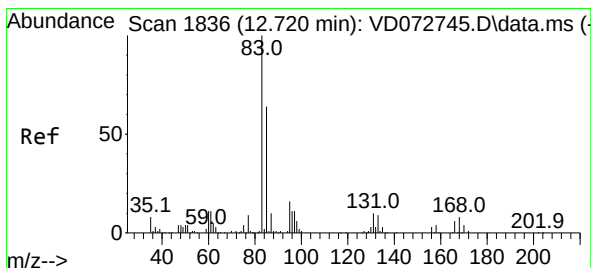
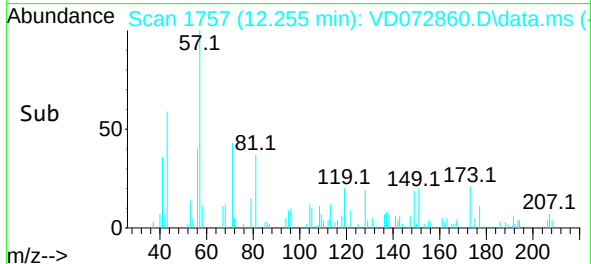
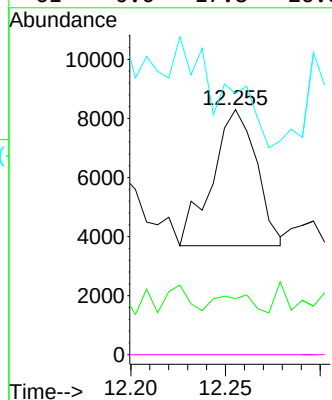
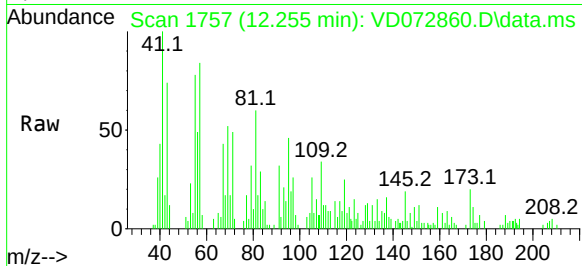




#74
N-amy1 acetate
Concen: 1.084 ug/l
RT: 12.255 min Scan# 1757
Delta R.T. -0.024 min
Lab File: VD072860.D
Acq: 06 May 2022 19:20

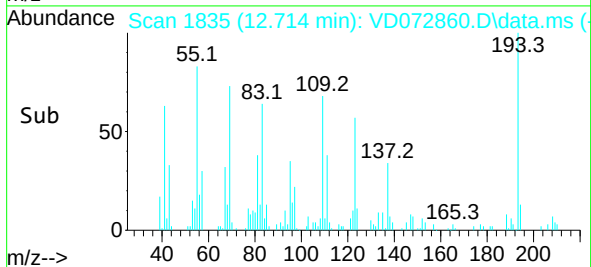
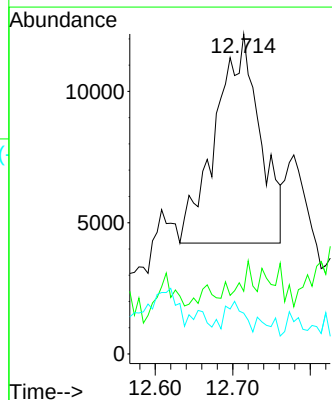
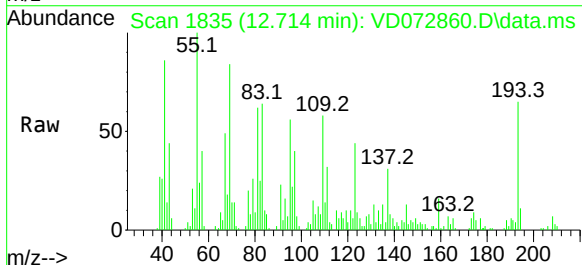
Instrument :
MSVOA_D
ClientSampleId :
GT-10-(23-25)

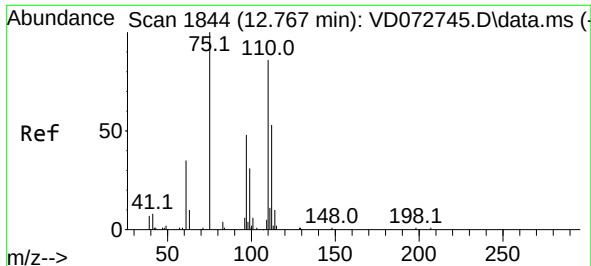
Tgt Ion:	43	Resp:	7500
Ion	Ratio	Lower	Upper
43	100		
70	10.7	31.3	46.9#
55	0.0	20.0	30.0#
61	0.0	17.8	26.8#



#75
1,1,2,2-Tetrachloroethane
Concen: 5.643 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VD072860.D
Acq: 06 May 2022 19:20

Tgt Ion:	83	Resp:	31636
Ion	Ratio	Lower	Upper
83	100		
131	2.4	5.0	14.9#
85	6.2	32.6	98.0#

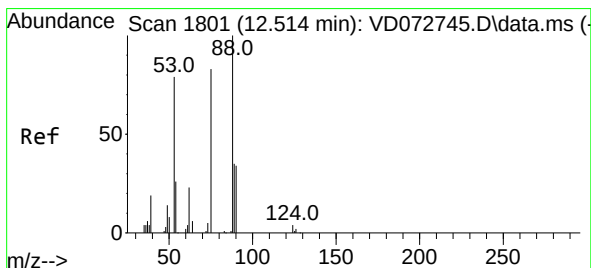
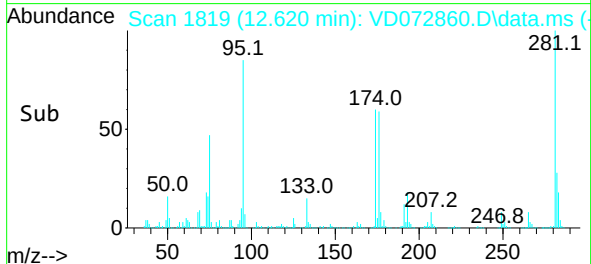
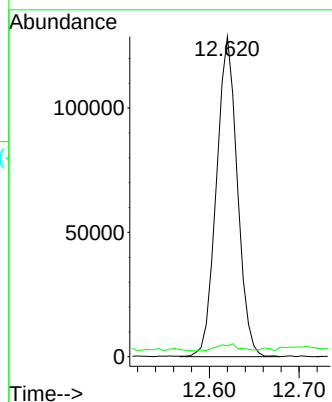
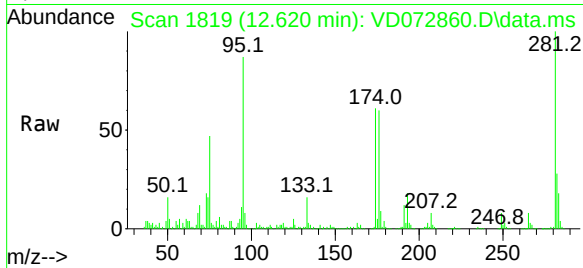




#76
1,2,3-Trichloropropane
Concen: 52.430 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072860.D
Acq: 06 May 2022 19:20

Instrument :
MSVOA_D
ClientSampleId :
GT-10-(23-25)

Tgt Ion: 75 Resp: 208679
Ion Ratio Lower Upper
75 100
77 2.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 120.567 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072860.D
Acq: 06 May 2022 19:20

Tgt Ion: 75 Resp: 208679
Ion Ratio Lower Upper
75 100
53 0.8 86.5 129.7#
89 2.0 33.9 50.9#

