

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071922\
 Data File : VD073866.D
 Acq On : 19 Jul 2022 17:40
 Operator : VA/SY
 Sample : N3730-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-6.5-7.0

Quant Time: Jul 20 01:23:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 01:56:16 2022
 Response via : Initial Calibration

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

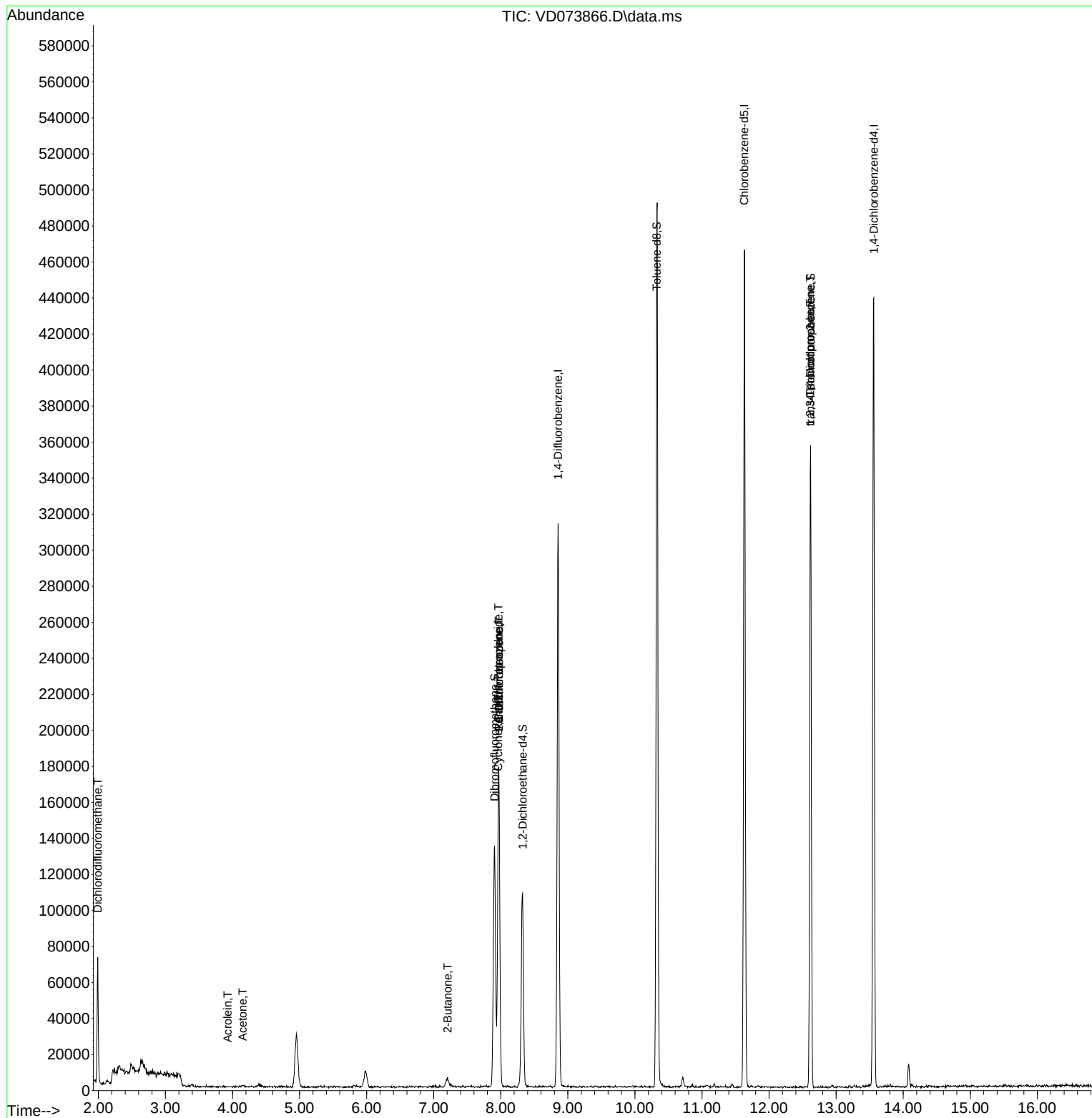
Internal Standards						
1) Pentafluorobenzene	7.973	168	125825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	263113	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	255593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	114786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	86405	57.508	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.020%	
35) Dibromofluoromethane	7.908	113	92880	50.037	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.080%	
50) Toluene-d8	10.326	98	328929	48.814	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.620%	
62) 4-Bromofluorobenzene	12.620	95	114930	49.607	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.220%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	46044	39.662	ug/l	96
3) Chloromethane	2.203	50	3369	Below Cal		90
11) Tert butyl alcohol	5.203	59	64	Below Cal	#	74
13) Acrolein	3.926	56	125	1.792	ug/l #	14
16) Acetone	4.150	43	1709	6.932	ug/l #	47
18) Methyl Acetate	4.726	43	184	Below Cal	#	55
25) 2-Butanone	7.208	43	398	1.137	ug/l #	52
31) Cyclohexane	7.961	56	3420	1.433	ug/l #	48
36) 1,1-Dichloropropene	7.973	75	10494	3.919	ug/l #	48
38) Carbon Tetrachloride	7.967	117	14502	4.742	ug/l #	18
76) 1,2,3-Trichloropropane	12.614	75	63496	51.555	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.614	75	63496	139.119	ug/l #	7

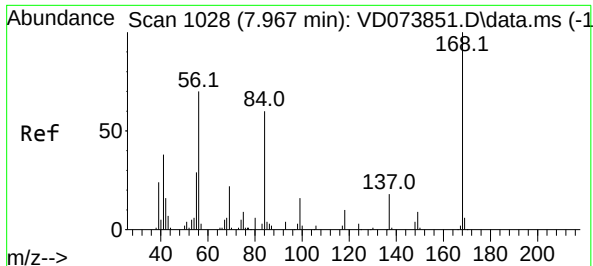
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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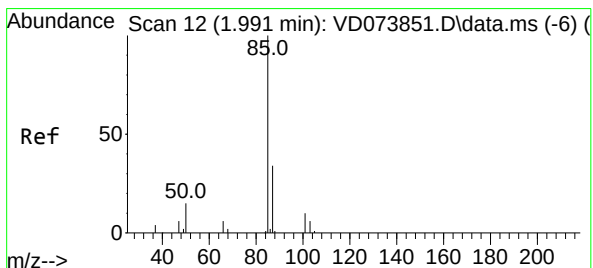
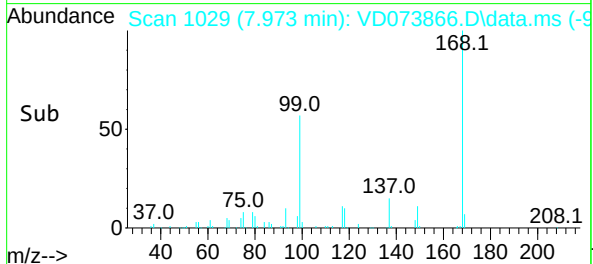
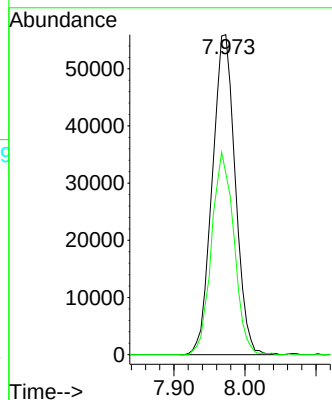
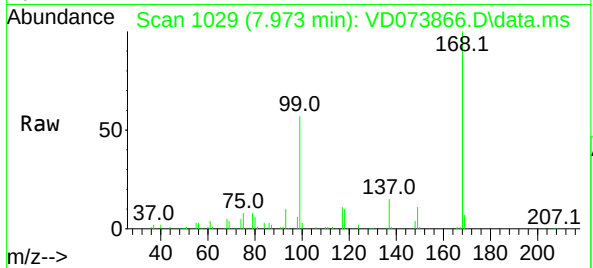




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD073866.D
Acq: 19 Jul 2022 17:40

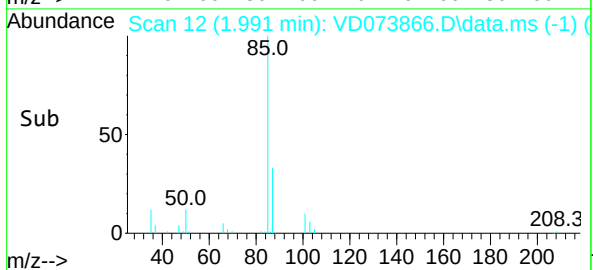
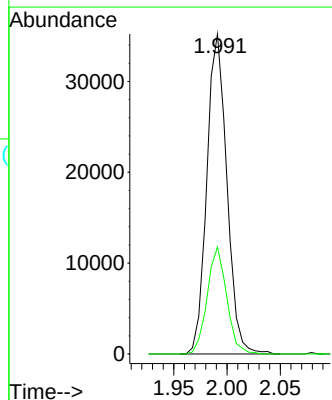
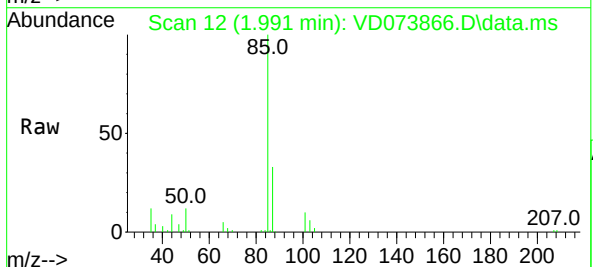
Instrument :
MSVOA_D
ClientSampleId :
SB-01-6.5-7.0

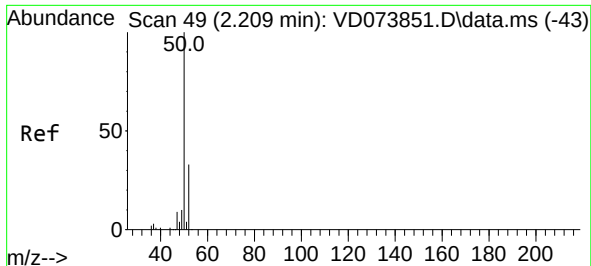
Tgt Ion:168 Resp: 125825
Ion Ratio Lower Upper
168 100
99 56.7 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 39.662 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073866.D
Acq: 19 Jul 2022 17:40

Tgt Ion: 85 Resp: 46044
Ion Ratio Lower Upper
85 100
87 33.5 15.7 47.0

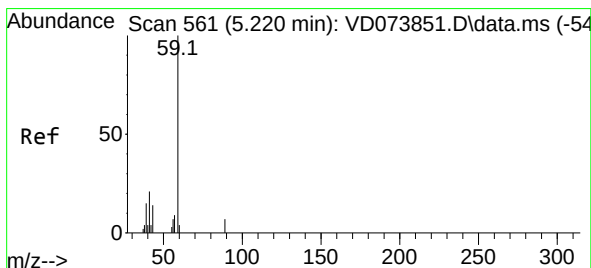
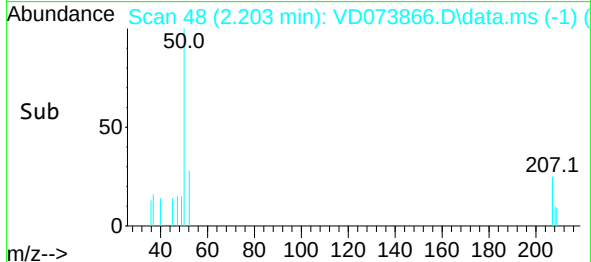
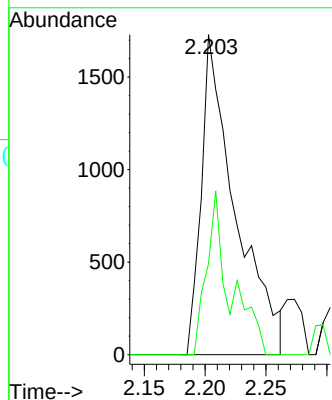
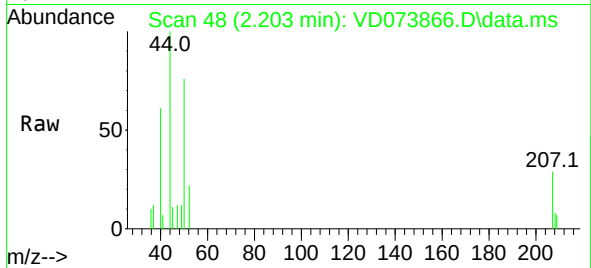




#3
Chloromethane
Concen: Below Cal
RT: 2.203 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073866.D
Acq: 19 Jul 2022 17:40

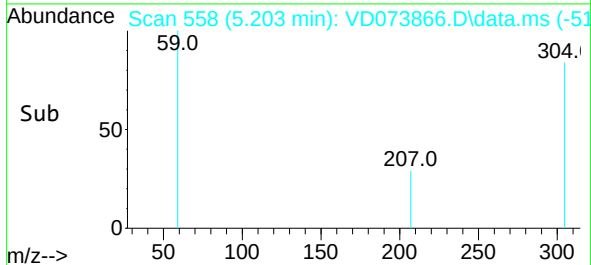
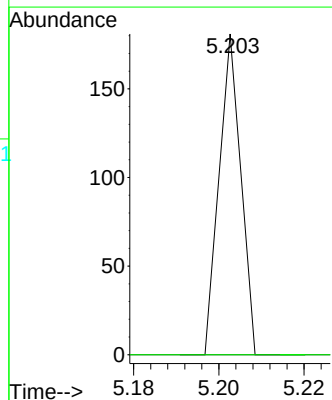
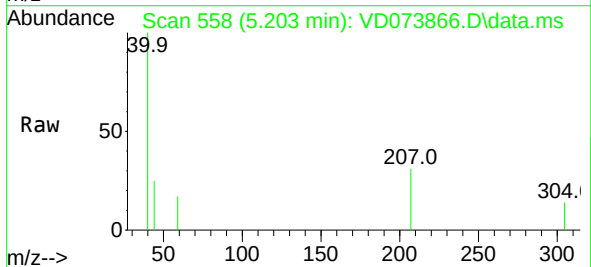
Instrument :
MSVOA_D
ClientSampleId :
SB-01-6.5-7.0

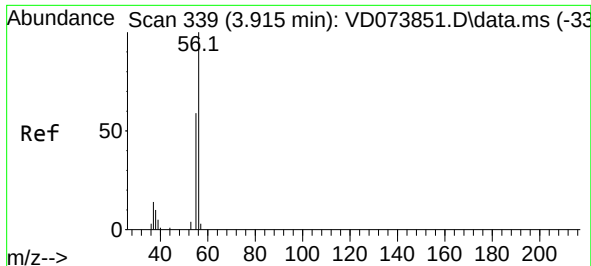
Tgt Ion: 50 Resp: 3369
Ion Ratio Lower Upper
50 100
52 28.5 27.4 41.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.203 min Scan# 558
Delta R.T. -0.017 min
Lab File: VD073866.D
Acq: 19 Jul 2022 17:40

Tgt Ion: 59 Resp: 64
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#





#13

Acrolein

Concen: 1.792 ug/l

RT: 3.926 min Scan# 341

Delta R.T. 0.012 min

Lab File: VD073866.D

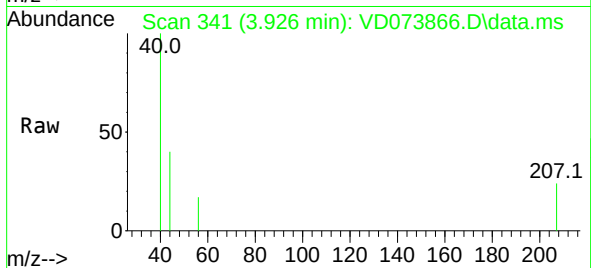
Acq: 19 Jul 2022 17:40

Instrument :

MSVOA_D

ClientSampleId :

SB-01-6.5-7.0

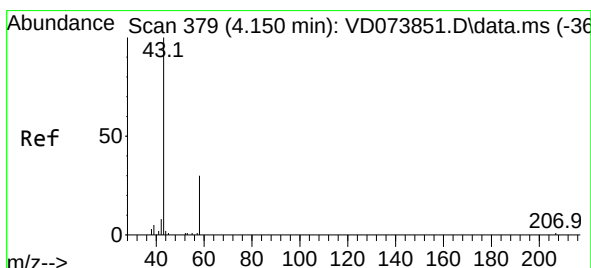
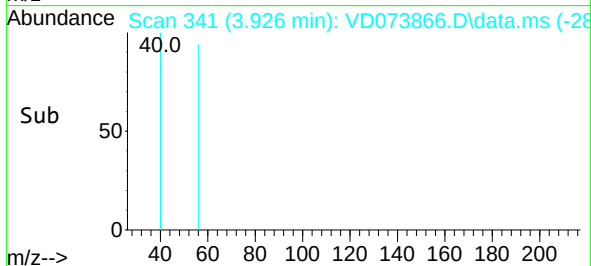
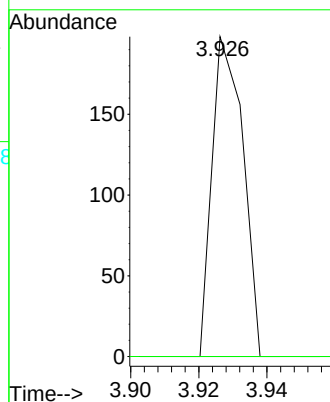


Tgt Ion: 56 Resp: 125

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#



#16

Acetone

Concen: 6.932 ug/l

RT: 4.150 min Scan# 379

Delta R.T. -0.000 min

Lab File: VD073866.D

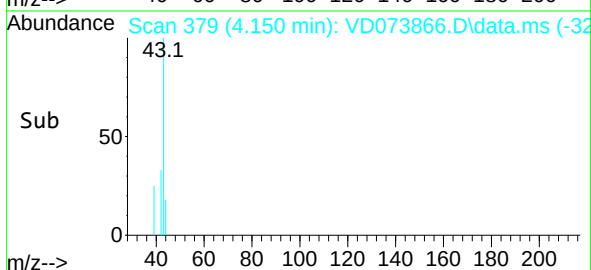
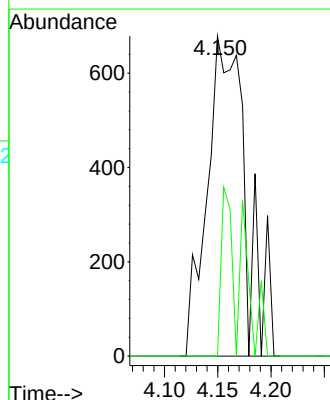
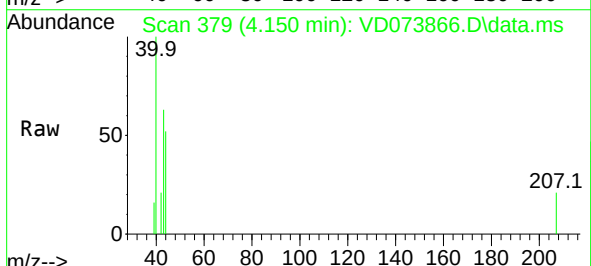
Acq: 19 Jul 2022 17:40

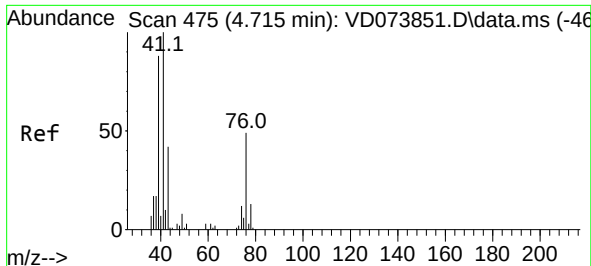
Tgt Ion: 43 Resp: 1709

Ion Ratio Lower Upper

43 100

58 0.0 22.1 33.1#

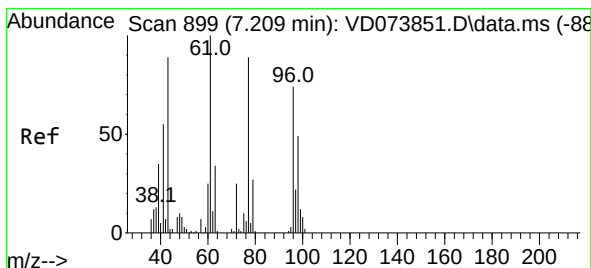
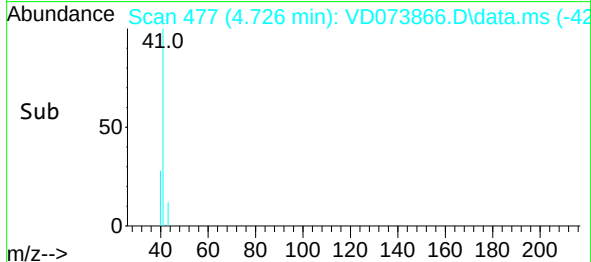
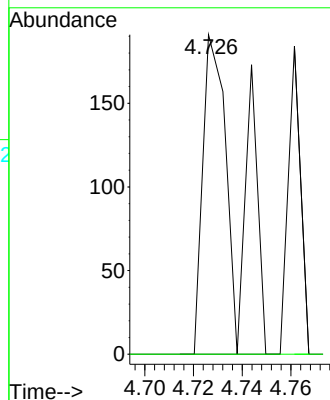
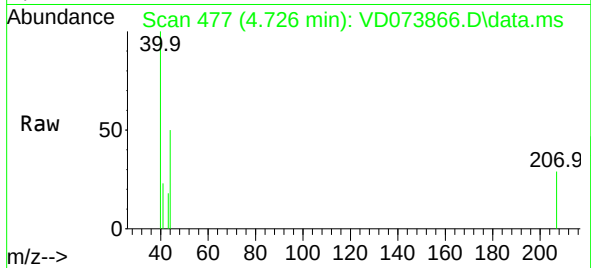




#18
Methyl Acetate
Concen: Below Cal
RT: 4.726 min Scan# 41
Delta R.T. 0.011 min
Lab File: VD073866.D
Acq: 19 Jul 2022 17:40

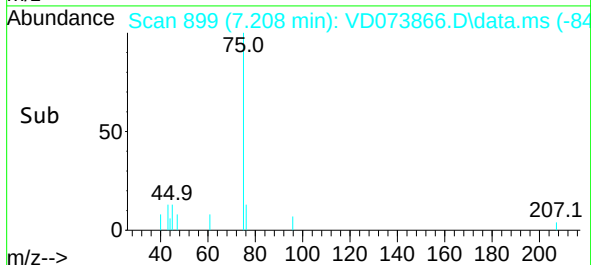
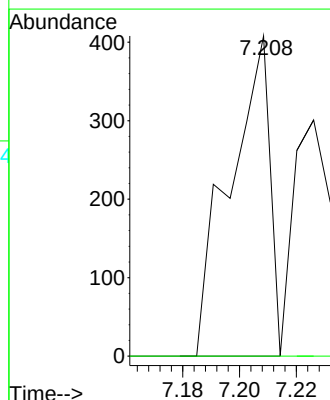
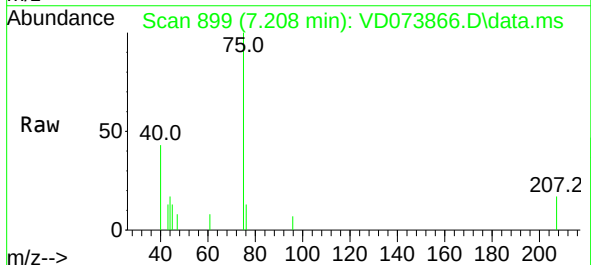
Instrument :
MSVOA_D
ClientSampleId :
SB-01-6.5-7.0

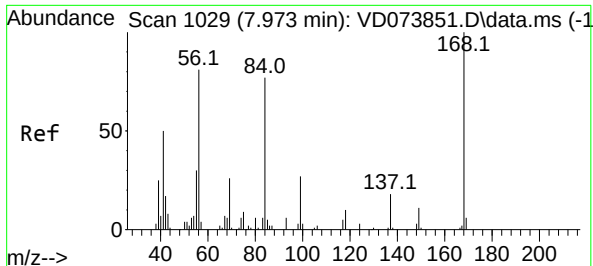
Tgt Ion: 43 Resp: 184
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#25
2-Butanone
Concen: 1.137 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD073866.D
Acq: 19 Jul 2022 17:40

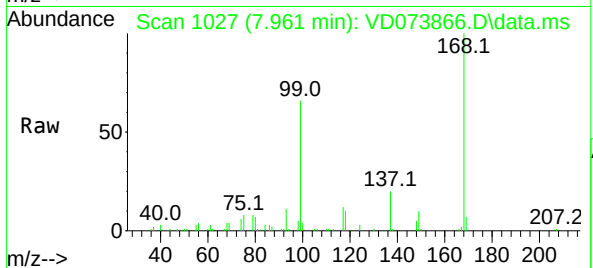
Tgt Ion: 43 Resp: 398
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



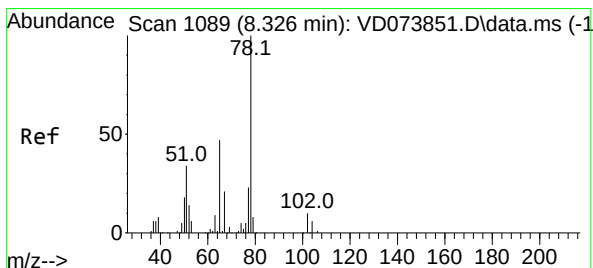
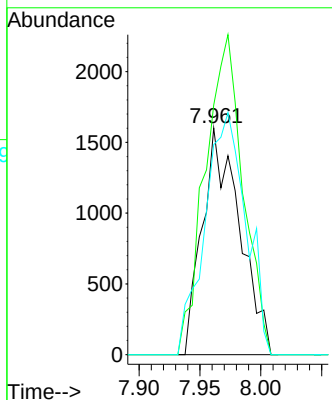
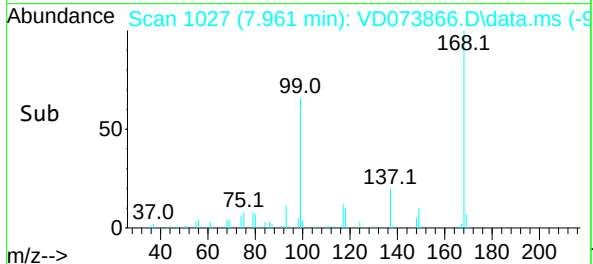


#31
Cyclohexane
Concen: 1.433 ug/l
RT: 7.961 min Scan# 1027
Delta R.T. -0.012 min
Lab File: VD073866.D
Acq: 19 Jul 2022 17:40

Instrument :
MSVOA_D
ClientSampleId :
SB-01-6.5-7.0

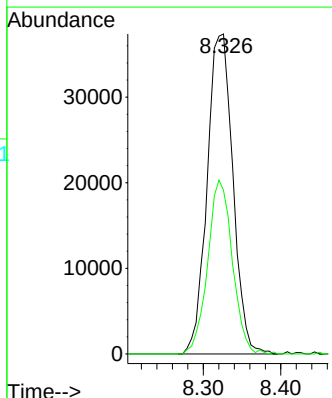
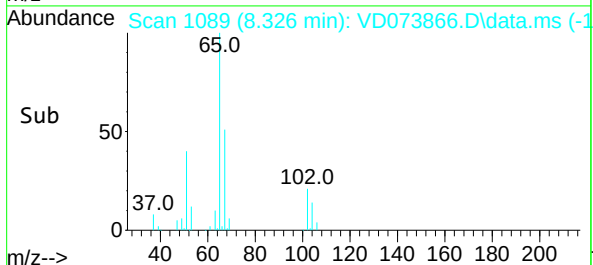
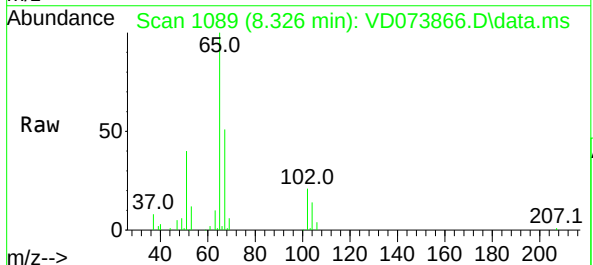


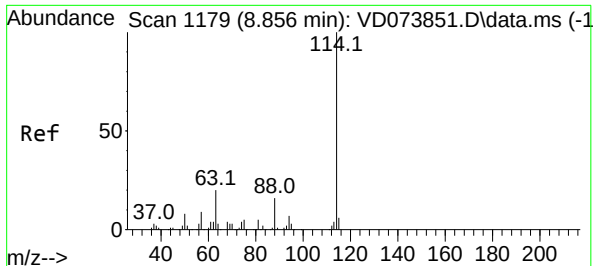
Tgt Ion: 56 Resp: 3420
Ion Ratio Lower Upper
56 100
69 110.1 25.4 38.2#
84 92.6 63.0 94.4



#33
1,2-Dichloroethane-d4
Concen: 57.508 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD073866.D
Acq: 19 Jul 2022 17:40

Tgt Ion: 65 Resp: 86405
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073866.D

Acq: 19 Jul 2022 17:40

Instrument :

MSVOA_D

ClientSampleId :

SB-01-6.5-7.0

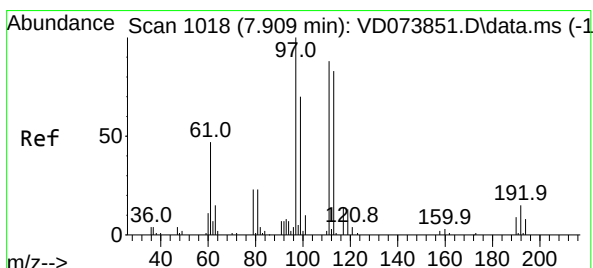
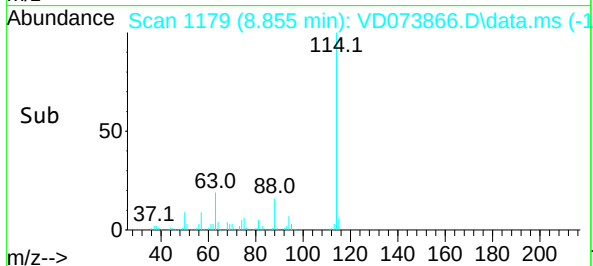
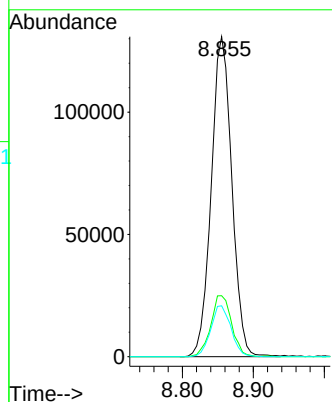
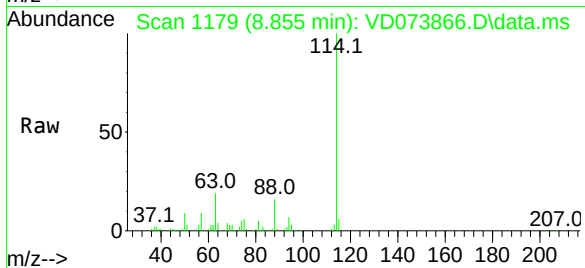
Tgt Ion:114 Resp: 263113

Ion Ratio Lower Upper

114 100

63 19.1 0.0 46.6

88 15.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.037 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073866.D

Acq: 19 Jul 2022 17:40

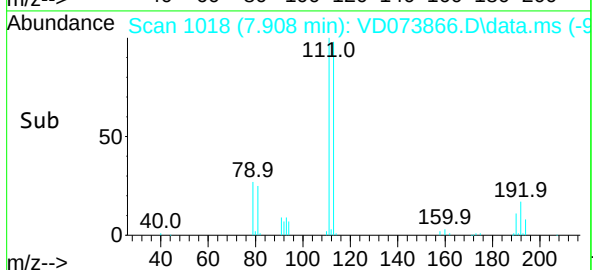
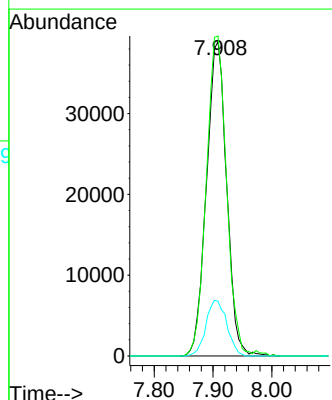
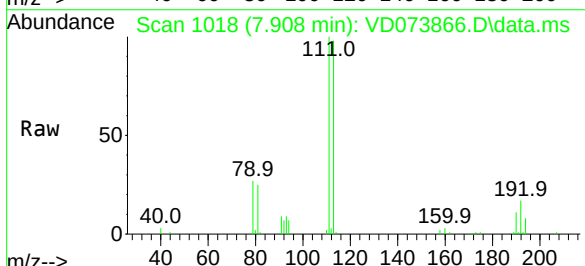
Tgt Ion:113 Resp: 92880

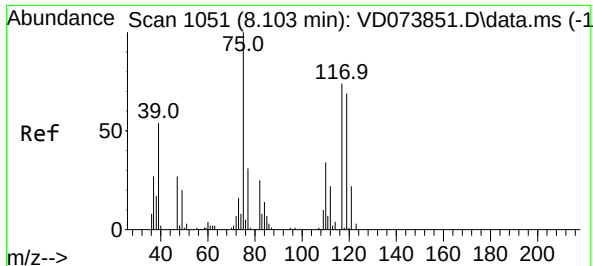
Ion Ratio Lower Upper

113 100

111 101.7 83.8 125.6

192 18.2 14.6 21.8





#36

1,1-Dichloropropene

Concen: 3.919 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.130 min

Lab File: VD073866.D

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Instrument :

MSVOA_D

ClientSampleId :

SB-01-6.5-7.0

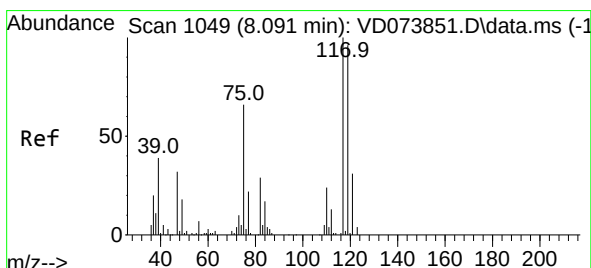
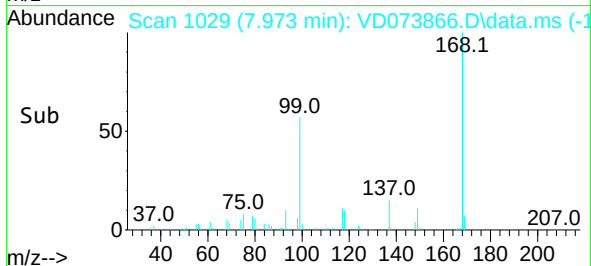
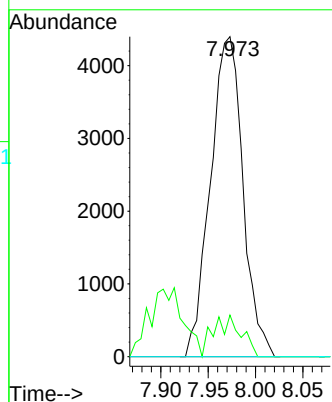
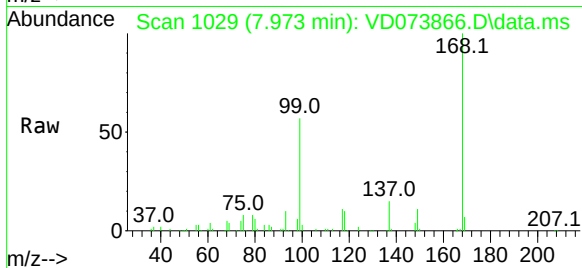
Tgt Ion: 75 Resp: 10494

Ion Ratio Lower Upper

75 100

110 5.2 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 4.742 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.124 min

Lab File: VD073866.D

Acq: 19 Jul 2022 17:40

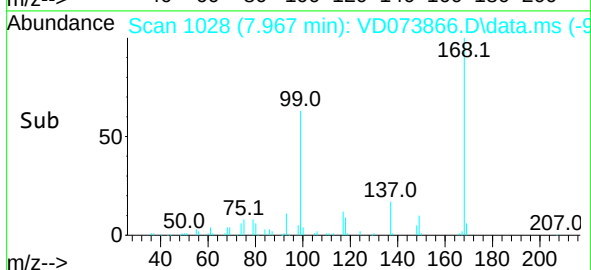
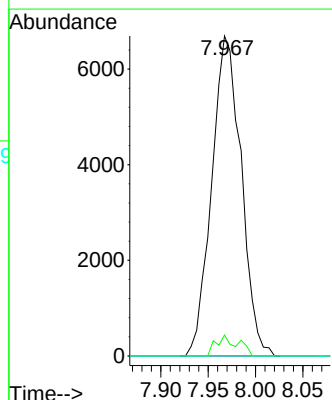
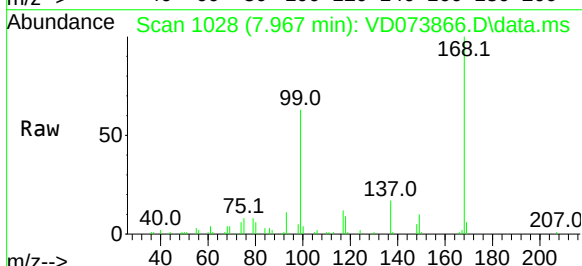
Tgt Ion: 117 Resp: 14502

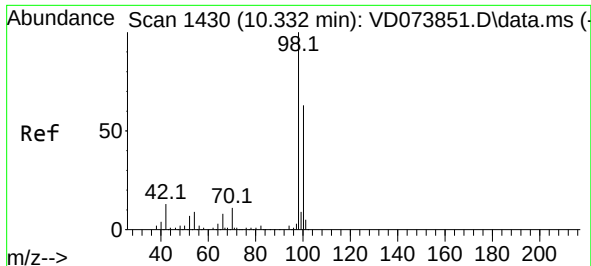
Ion Ratio Lower Upper

117 100

119 6.6 75.8 113.6#

121 0.0 24.5 36.7#

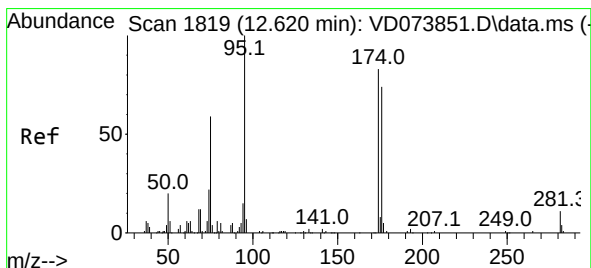
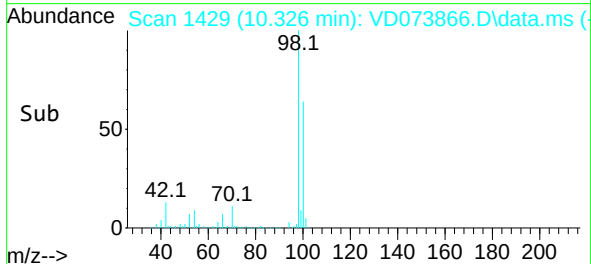
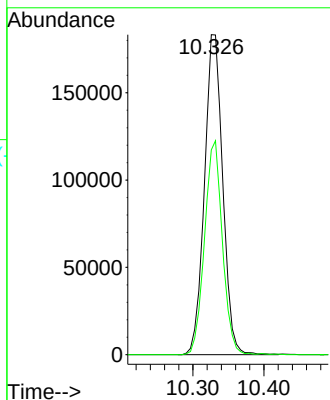
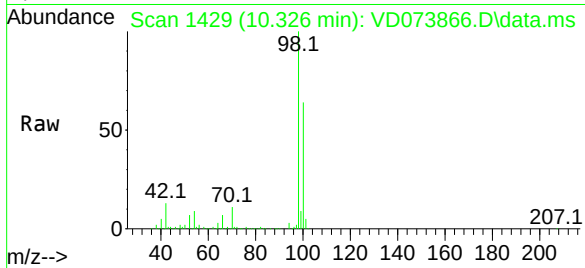




#50
Toluene-d8
Concen: 48.814 ug/l
RT: 10.326 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD073866.D
Acq: 19 Jul 2022 17:40

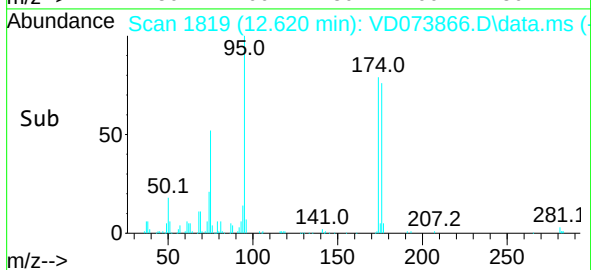
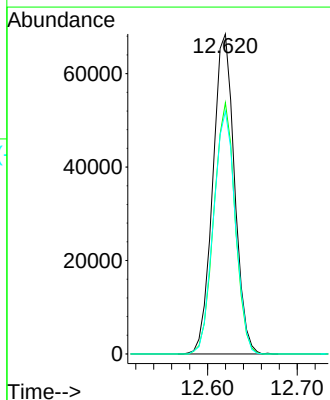
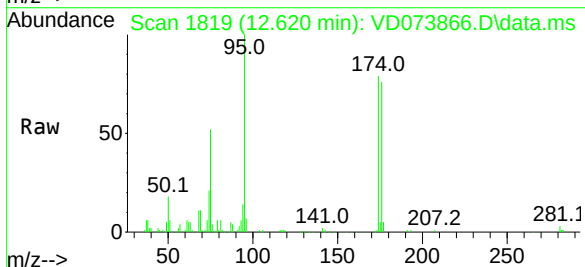
Instrument :
MSVOA_D
ClientSampleId :
SB-01-6.5-7.0

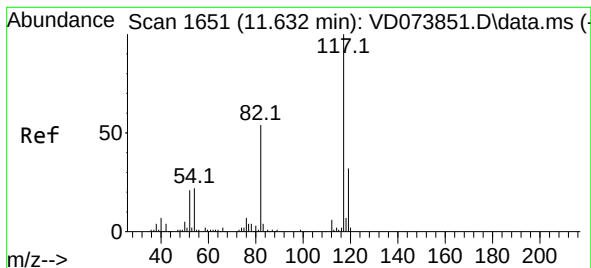
Tgt Ion: 98 Resp: 328929
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.607 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073866.D
Acq: 19 Jul 2022 17:40

Tgt Ion: 95 Resp: 114930
Ion Ratio Lower Upper
95 100
174 76.7 0.0 152.8
176 76.3 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073866.D

Acq: 19 Jul 2022 17:40

Instrument :

MSVOA_D

ClientSampleId :

SB-01-6.5-7.0

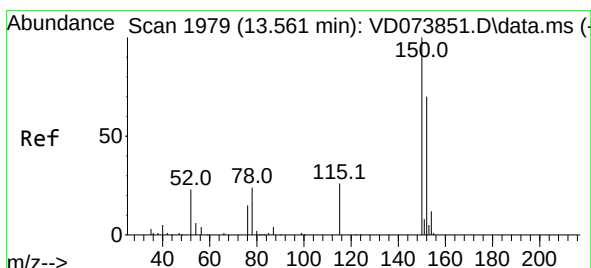
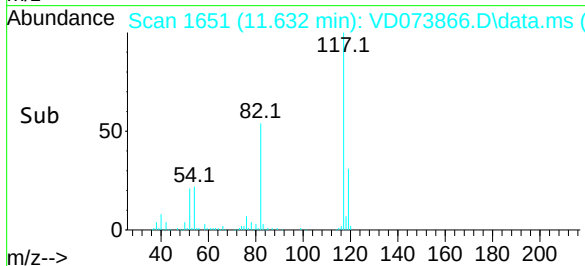
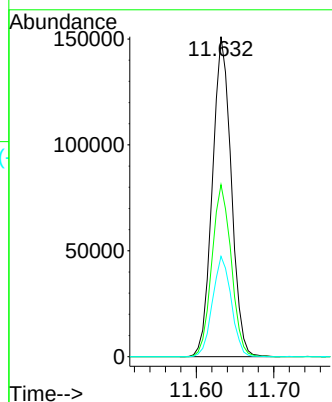
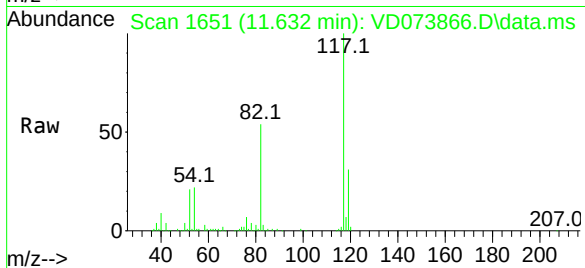
Tgt Ion:117 Resp: 255593

Ion Ratio Lower Upper

117 100

82 53.8 45.3 67.9

119 31.4 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: VD073866.D

Acq: 19 Jul 2022 17:40

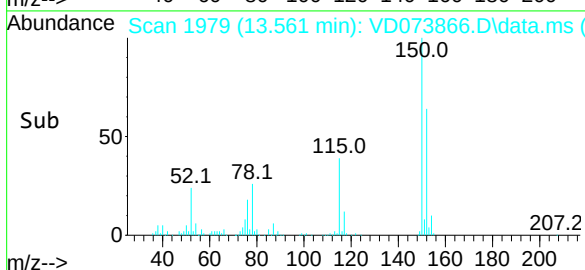
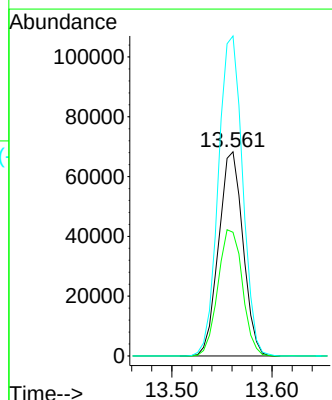
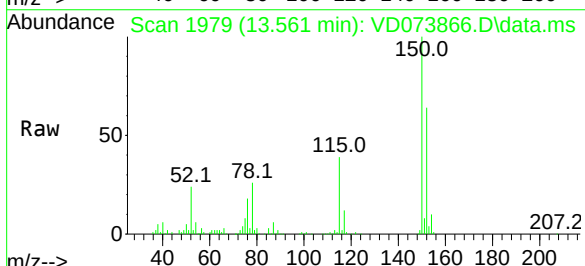
Tgt Ion:152 Resp: 114786

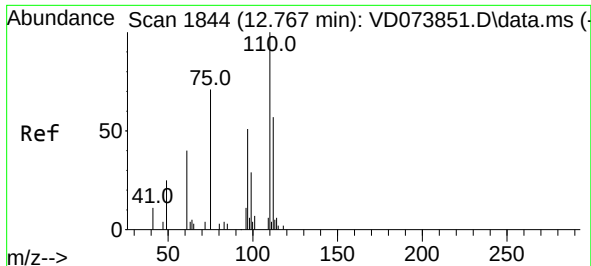
Ion Ratio Lower Upper

152 100

115 62.4 31.3 93.8

150 156.4 0.0 348.6

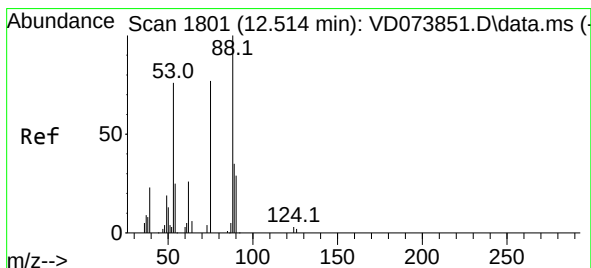
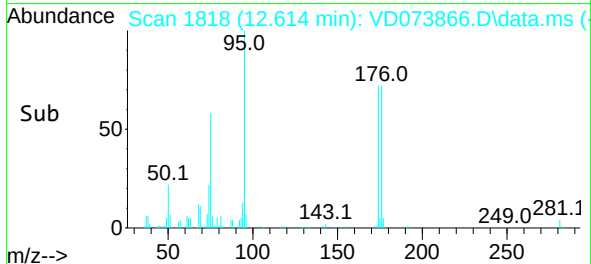
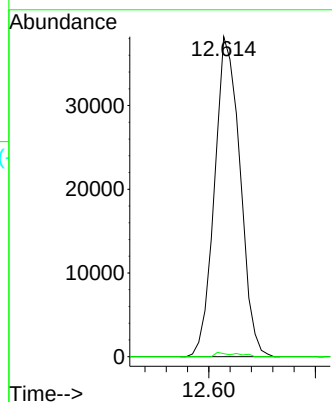
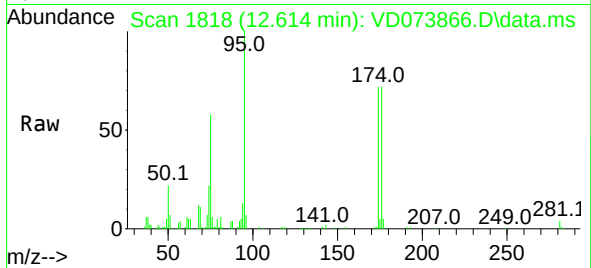




#76
1,2,3-Trichloropropane
Concen: 51.555 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.153 min
Lab File: VD073866.D
Acq: 19 Jul 2022 17:40

Instrument :
MSVOA_D
ClientSampleId :
SB-01-6.5-7.0

Tgt Ion: 75 Resp: 63496
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 139.119 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. 0.100 min
Lab File: VD073866.D
Acq: 19 Jul 2022 17:40

Tgt Ion: 75 Resp: 63496
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

