

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053122\
 Data File : VD073428.D
 Acq On : 31 May 2022 16:42
 Operator : VA/SY
 Sample : N3077-01RE
 Misc : 4.23G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 31 17:44:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

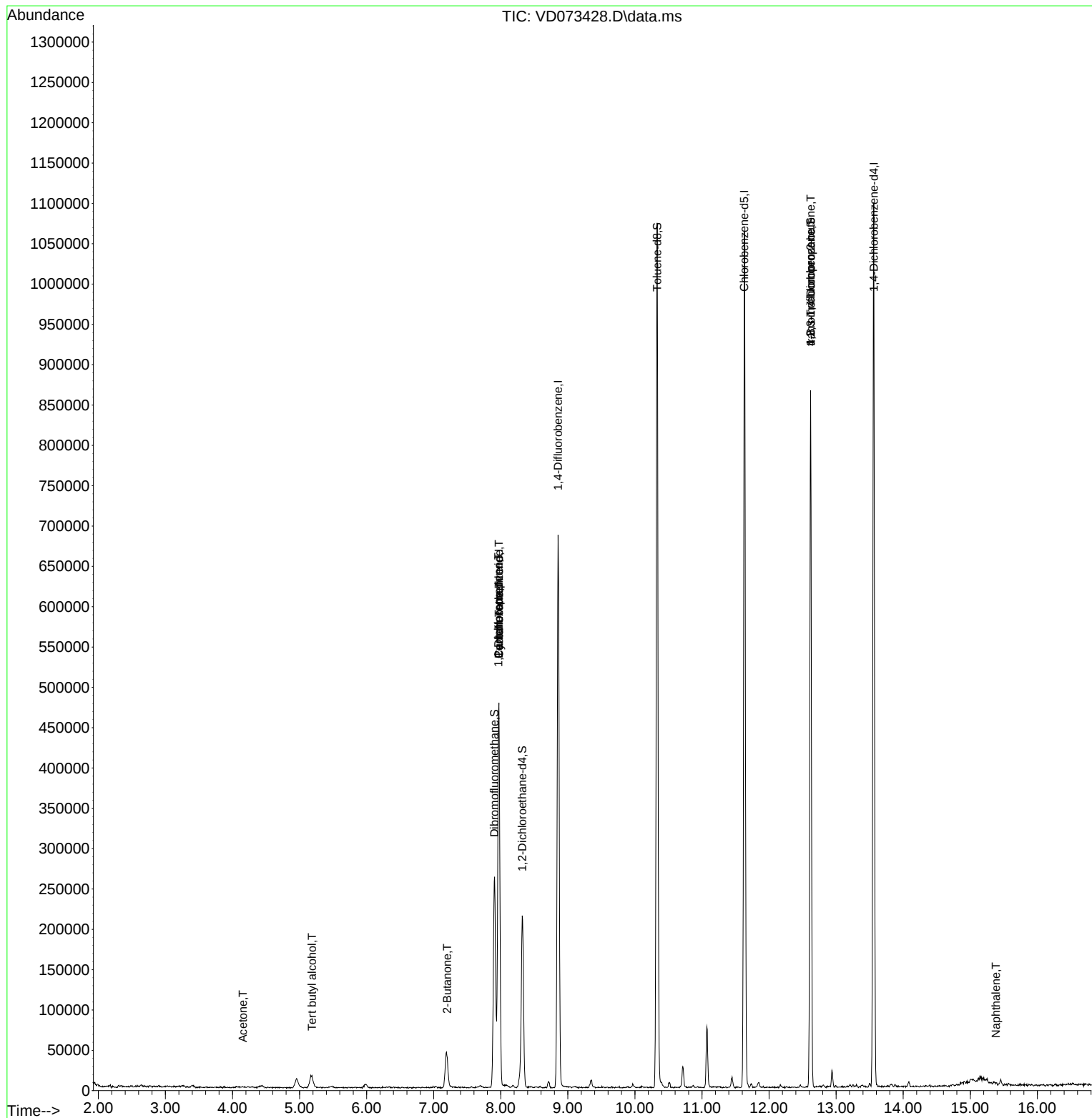
Internal Standards						
1) Pentafluorobenzene	7.973	168	353114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	604371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	625213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	286945	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	172750	44.268	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.540%
35) Dibromofluoromethane	7.902	113	191724	48.075	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.140%
50) Toluene-d8	10.332	98	717155	48.783	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.560%
62) 4-Bromofluorobenzene	12.620	95	283703	54.990	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.980%
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	1289	Below Cal	#	71
11) Tert butyl alcohol	5.185	59	13412	22.152	ug/l #	75
16) Acetone	4.156	43	963	1.425	ug/l	93
20) Methylene Chloride	4.961	84	9152	Below Cal	#	71
25) 2-Butanone	7.202	43	1799	1.819	ug/l	99
31) Cyclohexane	7.973	56	10123	1.484	ug/l #	16
36) 1,1-Dichloropropene	7.967	75	28869	4.813	ug/l #	43
38) Carbon Tetrachloride	7.973	117	36563	6.014	ug/l #	18
76) 1,2,3-Trichloropropane	12.620	75	142328	50.553	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	142328	121.362	ug/l #	7
95) Naphthalene	15.384	128	1512	3.691	ug/l #	88

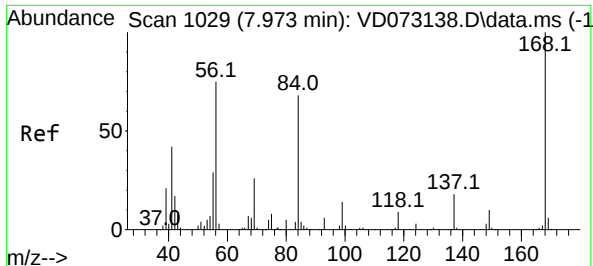
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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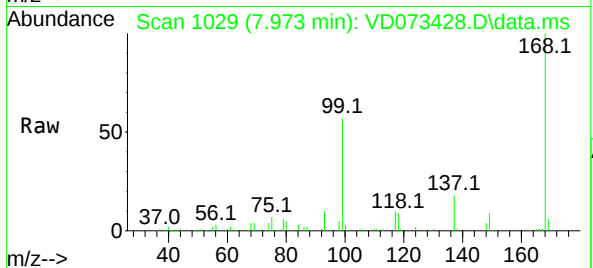
Quant Time: May 31 17:44:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
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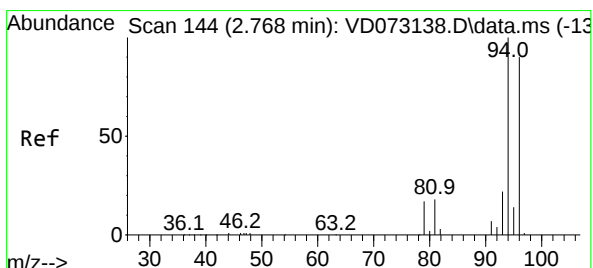
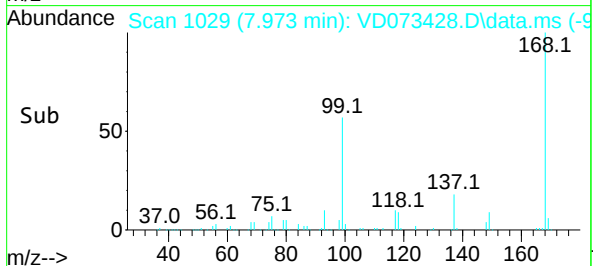
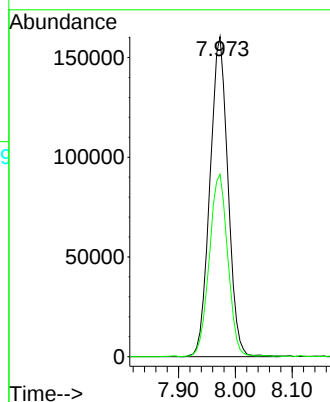


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD073428.D
Acq: 31 May 2022 16:42

Instrument :
MSVOA_D
ClientSampleId :

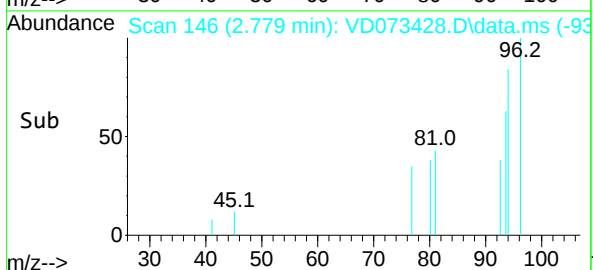
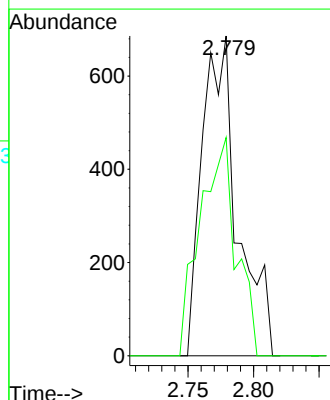
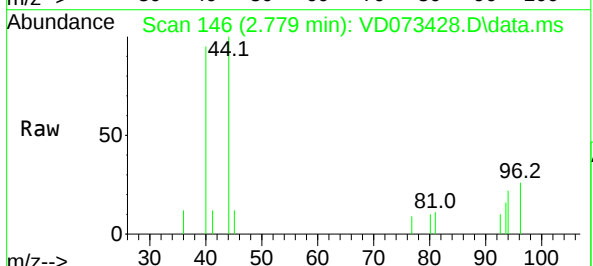


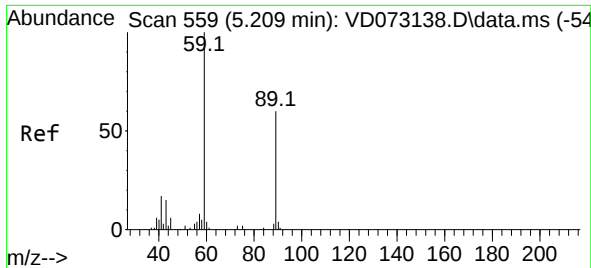
Tgt Ion:168 Resp: 353114
Ion Ratio Lower Upper
168 100
99 57.0 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD073428.D
Acq: 31 May 2022 16:42

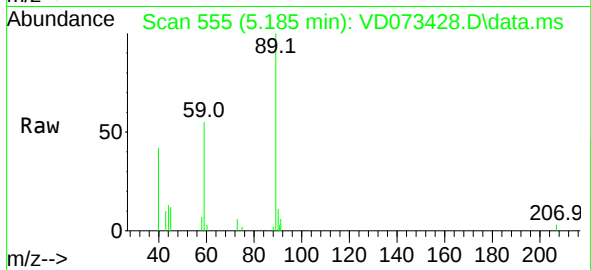
Tgt Ion: 94 Resp: 1289
Ion Ratio Lower Upper
94 100
96 68.2 77.6 116.4#



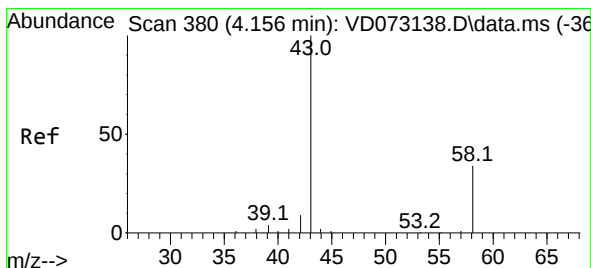
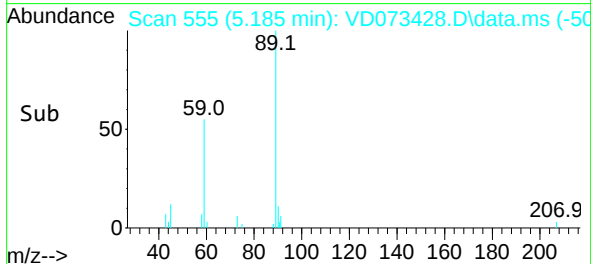
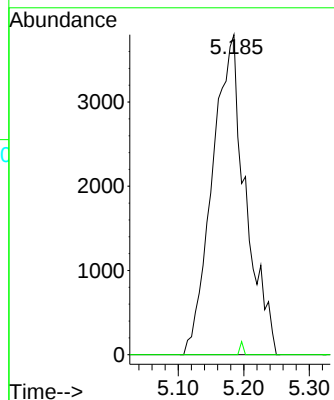


#11
Tert butyl alcohol
Concen: 22.152 ug/l
RT: 5.185 min Scan# 511
Delta R.T. -0.024 min
Lab File: VD073428.D
Acq: 31 May 2022 16:42

Instrument :
MSVOA_D
ClientSampleId :

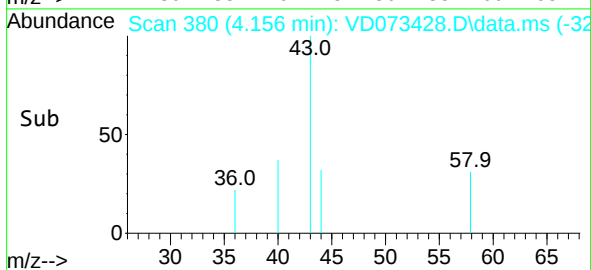
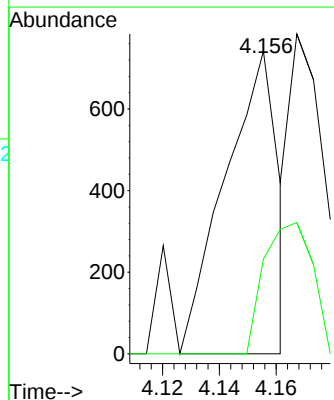
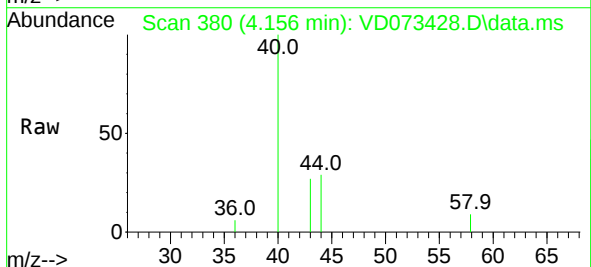


Tgt Ion: 59 Resp: 13412
Ion Ratio Lower Upper
59 100
57 0.4 7.8 11.6#



#16
Acetone
Concen: 1.425 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073428.D
Acq: 31 May 2022 16:42

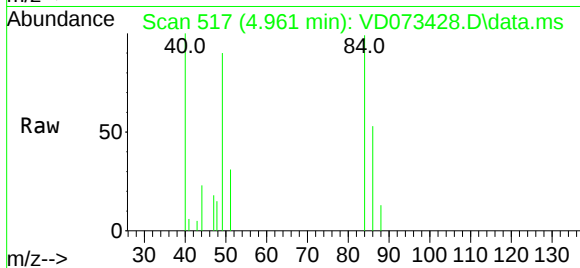
Tgt Ion: 43 Resp: 963
Ion Ratio Lower Upper
43 100
58 31.3 22.1 33.1



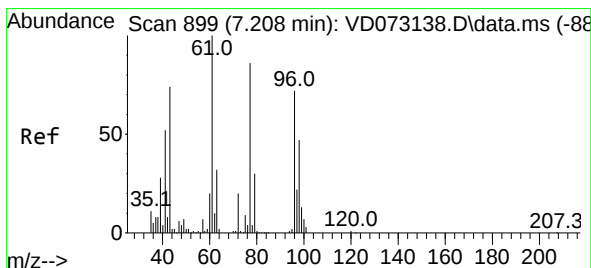
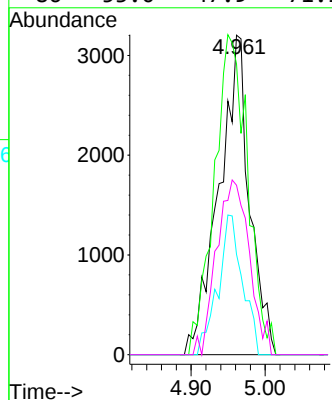
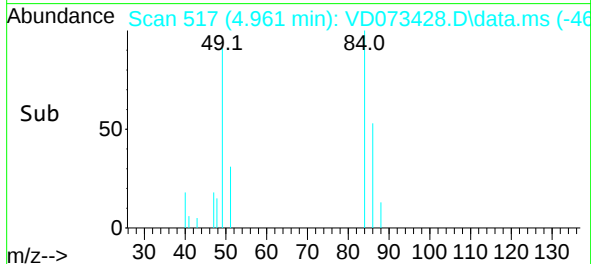


#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD073428.D
Acq: 31 May 2022 16:42

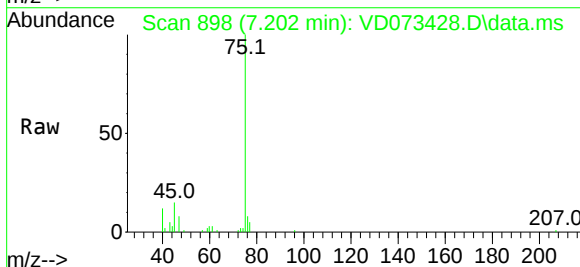
Instrument :
MSVOA_D
ClientSampleId :



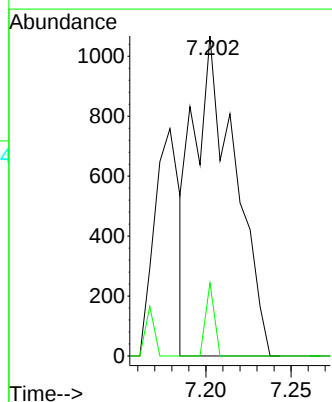
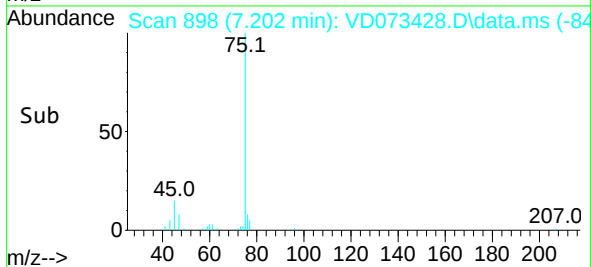
Tgt Ion:	84	Resp:	9152
Ion	Ratio	Lower	Upper
84	100		
49	91.0	112.8	169.2#
51	31.4	32.6	48.8#
86	53.0	47.9	71.9

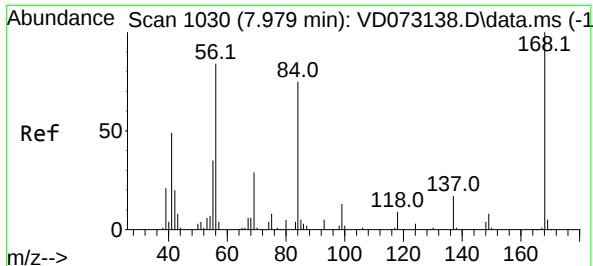


#25
2-Butanone
Concen: 1.819 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD073428.D
Acq: 31 May 2022 16:42



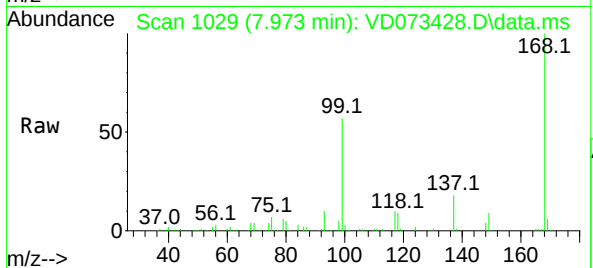
Tgt Ion:	43	Resp:	1799
Ion	Ratio	Lower	Upper
43	100		
72	22.8	18.6	27.8



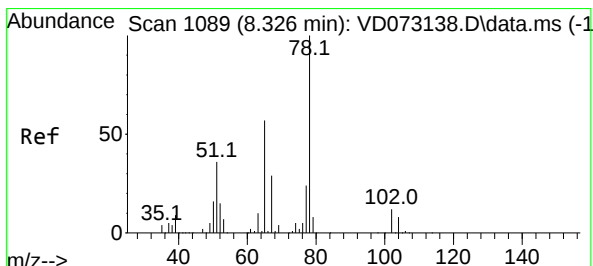
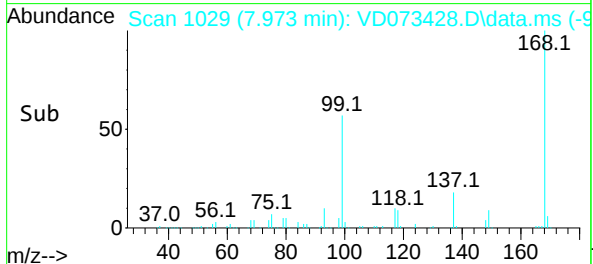
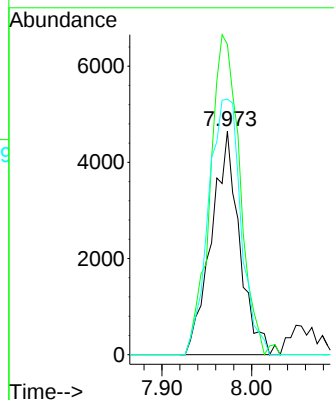


#31
Cyclohexane
Concen: 1.484 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073428.D
Acq: 31 May 2022 16:42

Instrument :
MSVOA_D
ClientSampleId :

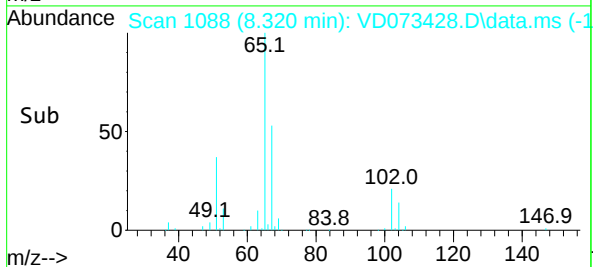
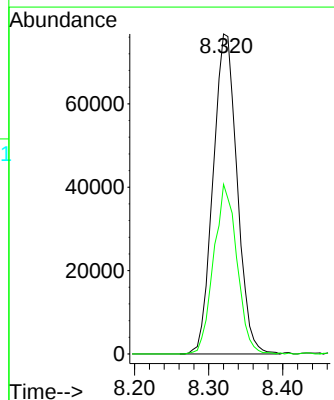
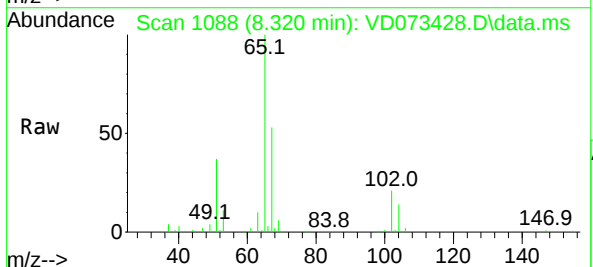


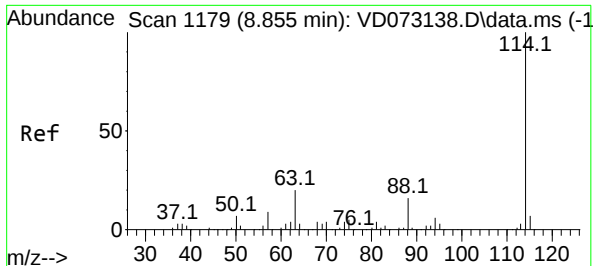
Tgt Ion: 56 Resp: 10123
Ion Ratio Lower Upper
56 100
69 138.8 25.4 38.2#
84 114.3 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 44.268 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073428.D
Acq: 31 May 2022 16:42

Tgt Ion: 65 Resp: 172750
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.4

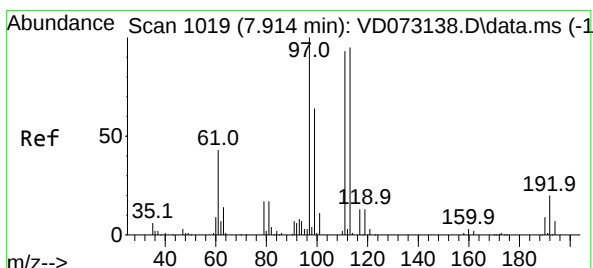
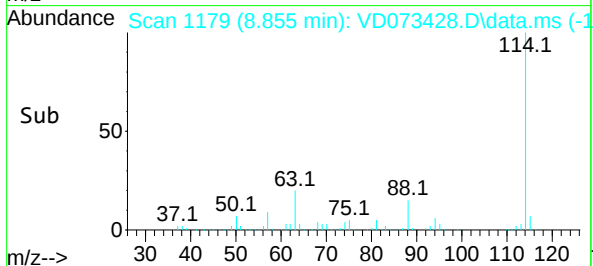
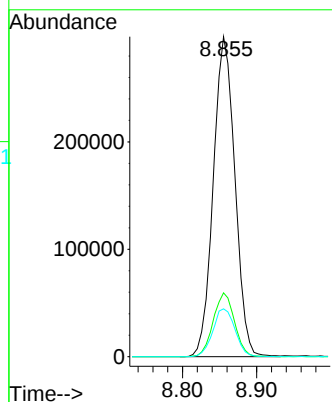
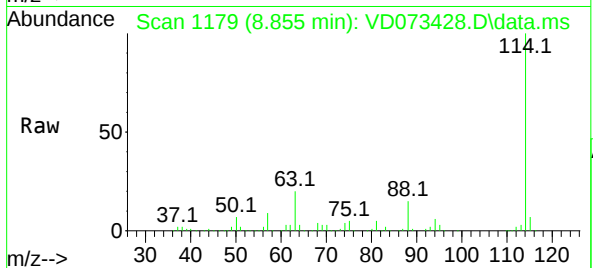




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073428.D
Acq: 31 May 2022 16:42

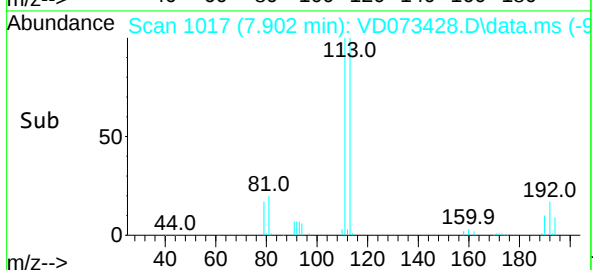
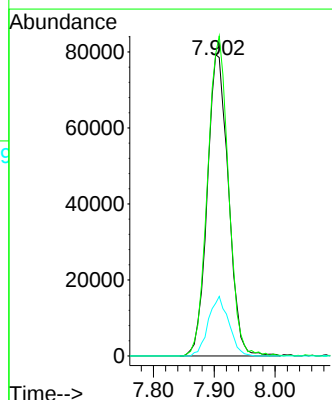
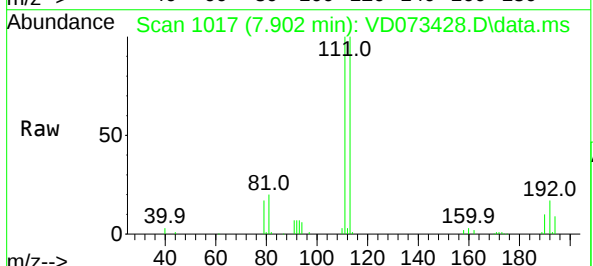
Instrument :
MSVOA_D
ClientSampleId :

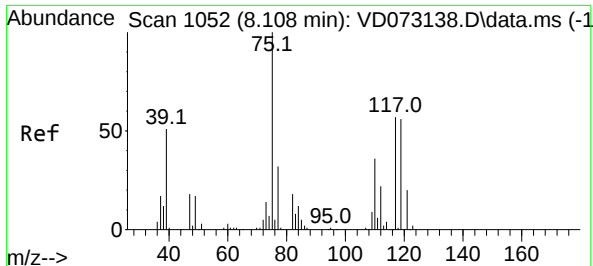
Tgt Ion:114 Resp: 604371
Ion Ratio Lower Upper
114 100
63 20.0 0.0 46.6
88 14.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.075 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.012 min
Lab File: VD073428.D
Acq: 31 May 2022 16:42

Tgt Ion:113 Resp: 191724
Ion Ratio Lower Upper
113 100
111 104.4 83.8 125.6
192 19.0 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.813 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.141 min

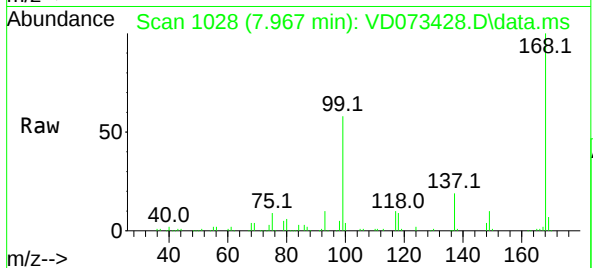
Lab File: VD073428.D

Acq: 31 May 2022 16:42

Instrument :

MSVOA_D

ClientSampleId :



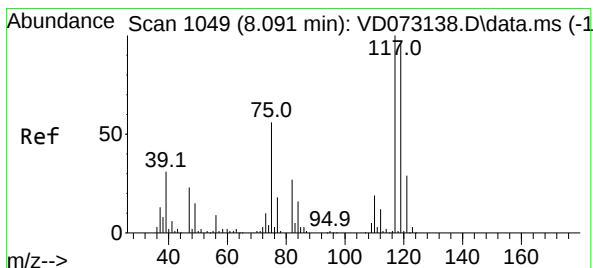
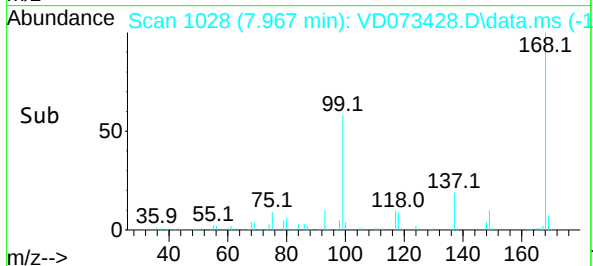
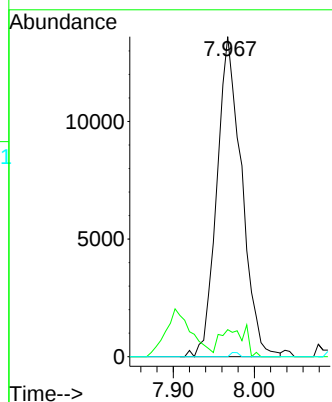
Tgt Ion: 75 Resp: 28869

Ion Ratio Lower Upper

75 100

110 0.0 16.4 49.1#

77 0.4 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 6.014 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.118 min

Lab File: VD073428.D

Acq: 31 May 2022 16:42

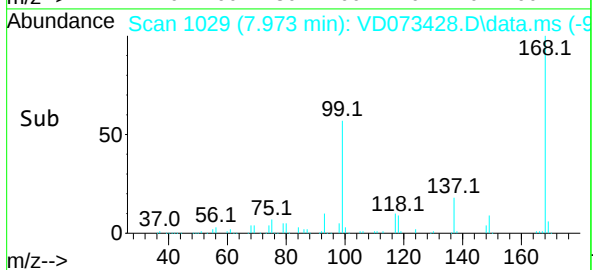
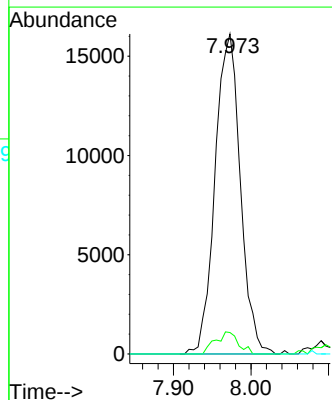
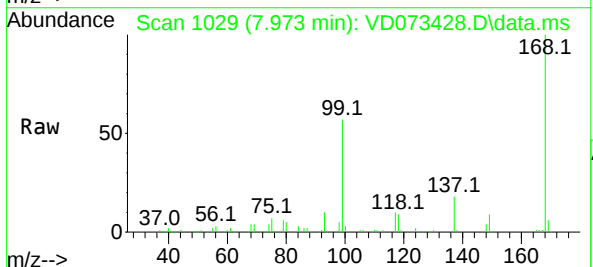
Tgt Ion: 117 Resp: 36563

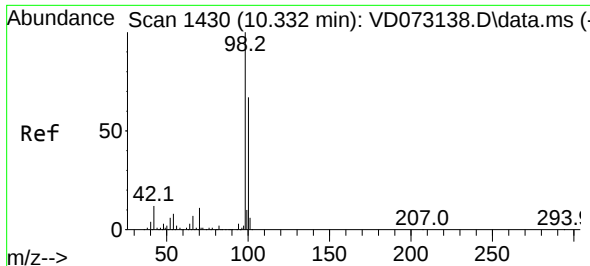
Ion Ratio Lower Upper

117 100

119 6.7 75.8 113.6#

121 0.0 24.5 36.7#

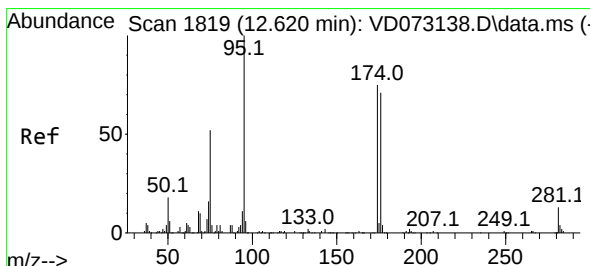
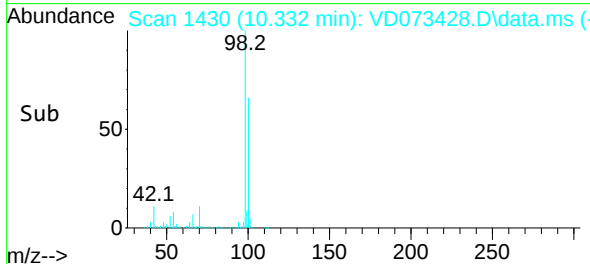
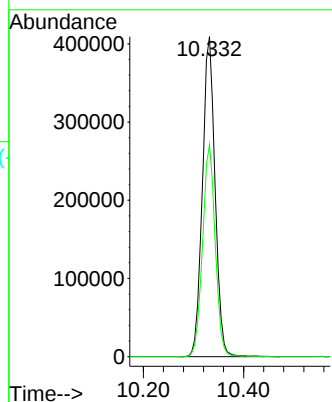
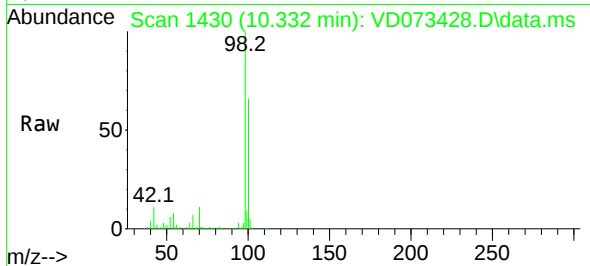




#50
Toluene-d8
Concen: 48.783 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073428.D
Acq: 31 May 2022 16:42

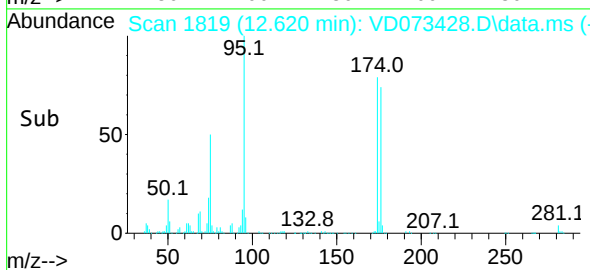
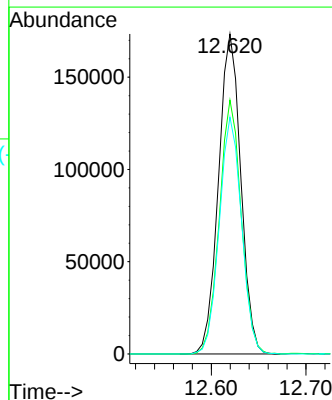
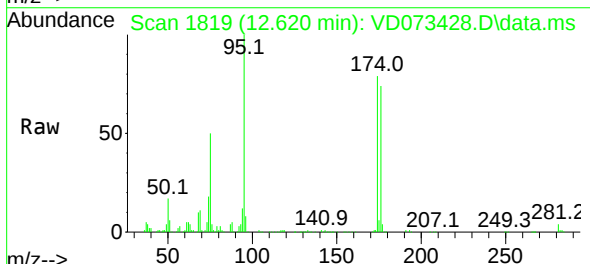
Instrument :
MSVOA_D
ClientSampleId :

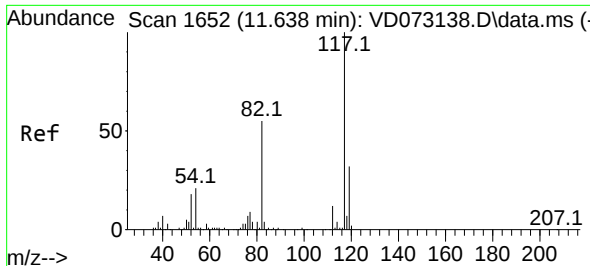
Tgt Ion: 98 Resp: 717155
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 54.990 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073428.D
Acq: 31 May 2022 16:42

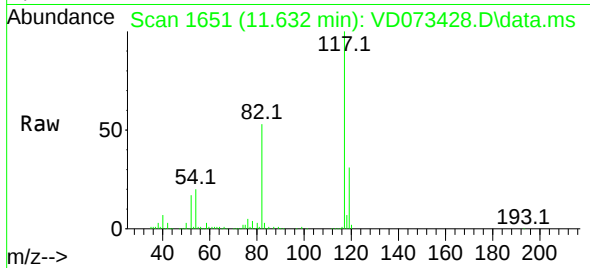
Tgt Ion: 95 Resp: 283703
Ion Ratio Lower Upper
95 100
174 78.0 0.0 152.8
176 73.7 0.0 145.4



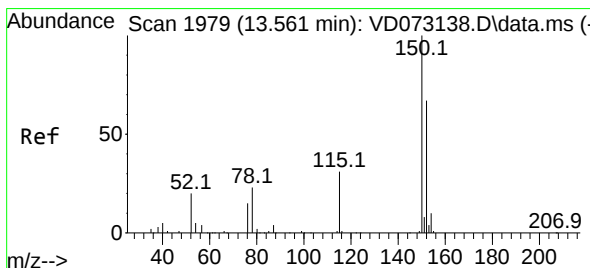
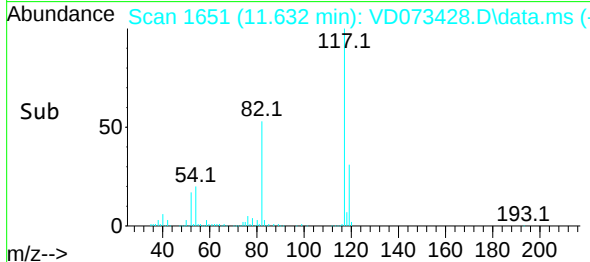
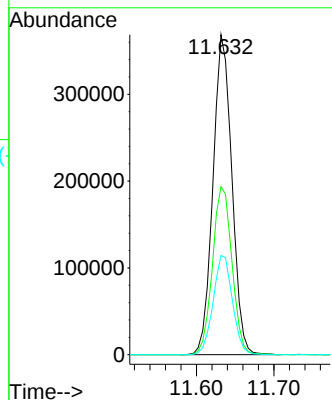


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073428.D
Acq: 31 May 2022 16:42

Instrument :
MSVOA_D
ClientSampleId :

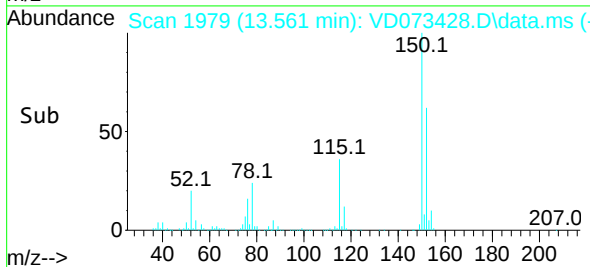
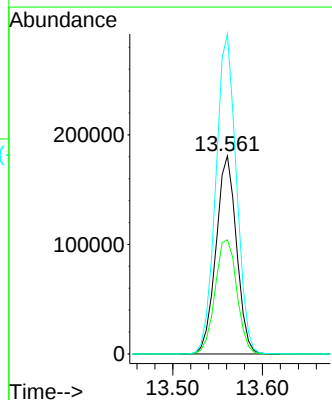
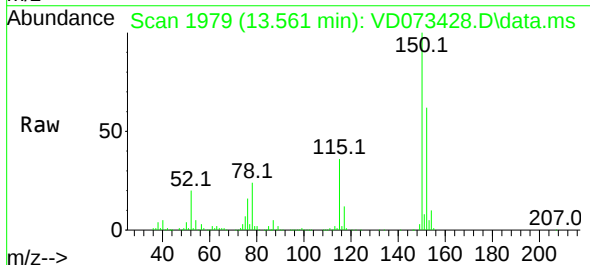


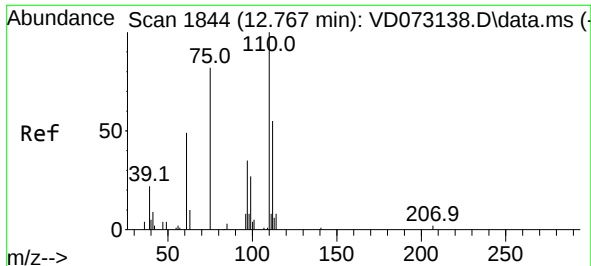
Tgt Ion:117 Resp: 625213
Ion Ratio Lower Upper
117 100
82 52.5 45.3 67.9
119 31.0 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073428.D
Acq: 31 May 2022 16:42

Tgt Ion:152 Resp: 286945
Ion Ratio Lower Upper
152 100
115 61.4 31.3 93.8
150 162.0 0.0 348.6

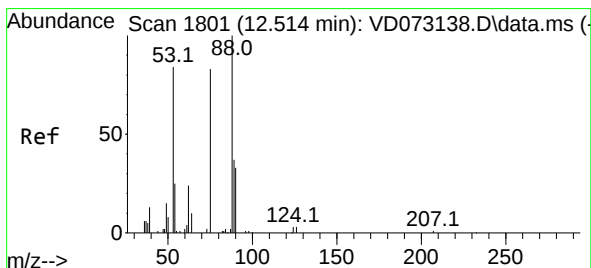
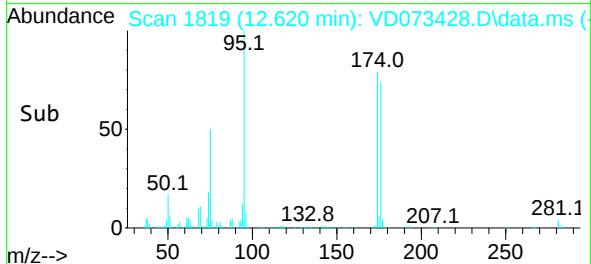
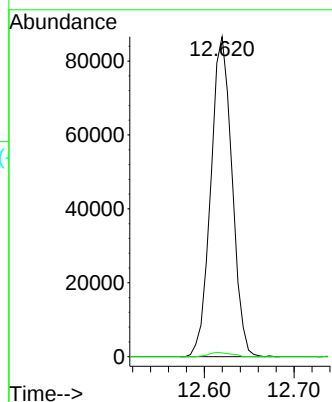
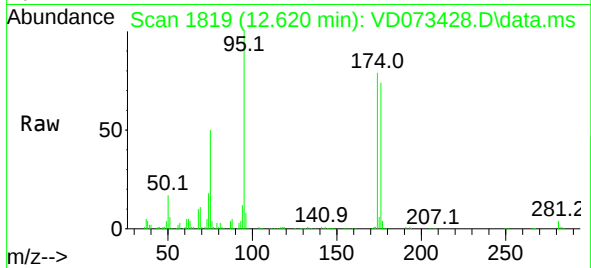




#76
1,2,3-Trichloropropane
Concen: 50.553 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073428.D
Acq: 31 May 2022 16:42

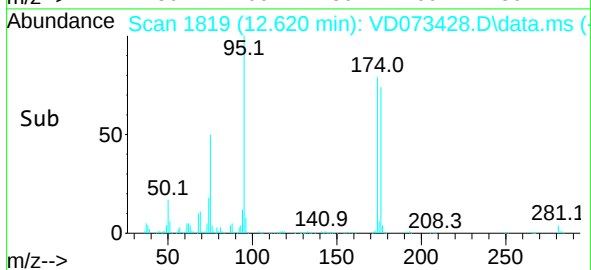
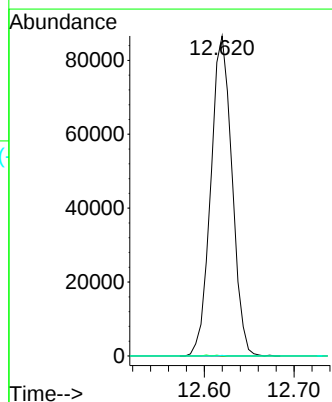
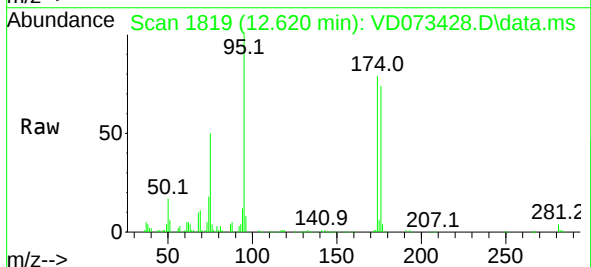
Instrument :
MSVOA_D
ClientSampleId :

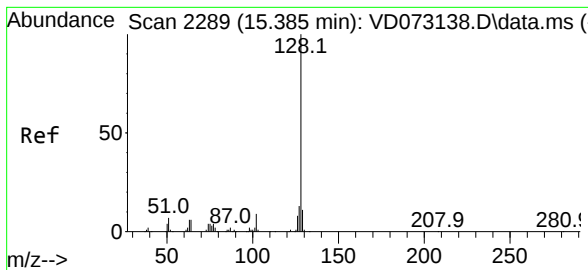
Tgt Ion: 75 Resp: 142328
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 121.362 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073428.D
Acq: 31 May 2022 16:42

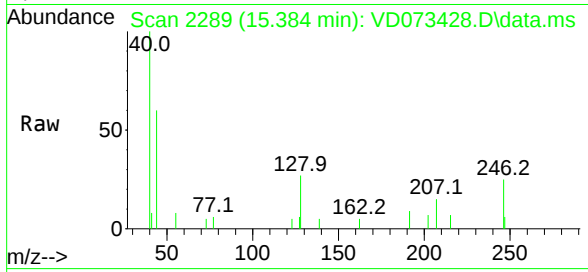
Tgt Ion: 75 Resp: 142328
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#





#95
 Naphthalene
 Concen: 3.691 ug/l
 RT: 15.384 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: VD073428.D
 Acq: 31 May 2022 16:42

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	128	Resp:	1512
Ion	Ratio	Lower	Upper
128	100		
127	10.4	10.3	15.5
129	3.8	8.4	12.6#

