

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073064.D
 Acq On : 17 May 2022 18:37
 Operator : VA/SY
 Sample : N2855-01
 Misc : 5.00 G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 18 05:09:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

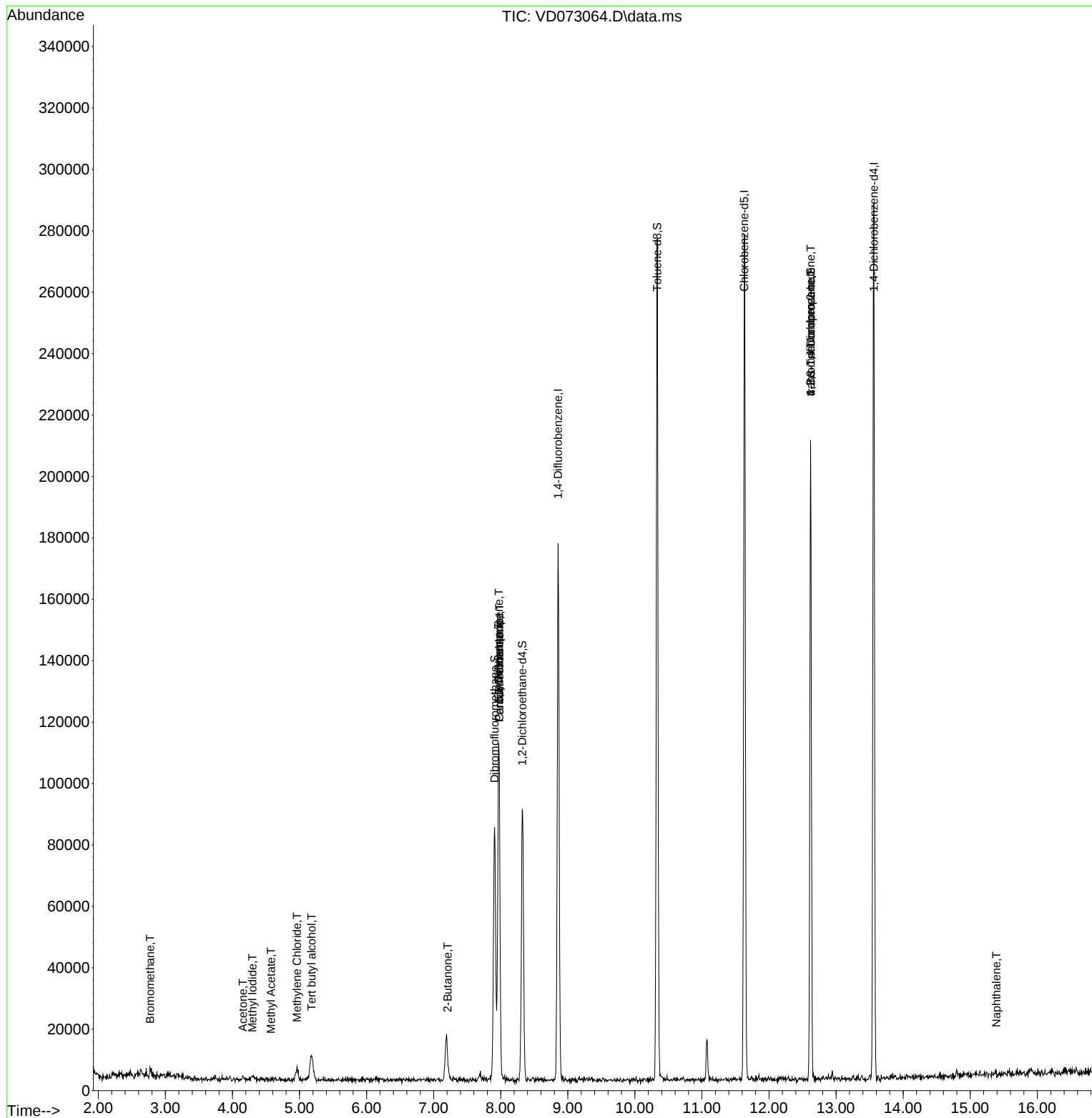
Internal Standards						
1) Pentafluorobenzene	7.979	168	79011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	145262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	160885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	78107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	72064	72.932	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 145.860%			
35) Dibromofluoromethane	7.909	113	59731	58.565	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 117.140%			
50) Toluene-d8	10.332	98	180554	48.798	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.600%			
62) 4-Bromofluorobenzene	12.620	95	69319	51.726	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.460%			
Target Compounds						Qvalue
5) Bromomethane	2.773	94	1210	1.819	ug/l	91
10) Methyl Iodide	4.297	142	2043	5.861	ug/l #	93
11) Tert butyl alcohol	5.179	59	6698	43.825	ug/l #	74
16) Acetone	4.156	43	565	3.160	ug/l #	63
18) Methyl Acetate	4.573	43	53	1.555	ug/l #	55
20) Methylene Chloride	4.962	84	2627	2.024	ug/l #	75
25) 2-Butanone	7.209	43	469	1.732	ug/l #	52
31) Cyclohexane	7.967	56	1803	1.013	ug/l #	17
36) 1,1-Dichloropropene	7.973	75	6565	3.950	ug/l #	48
38) Carbon Tetrachloride	7.979	117	8870	5.217	ug/l #	13
76) 1,2,3-Trichloropropane	12.620	75	33869	38.359	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	33869	91.976	ug/l #	7
95) Naphthalene	15.390	128	1207	4.623	ug/l #	70

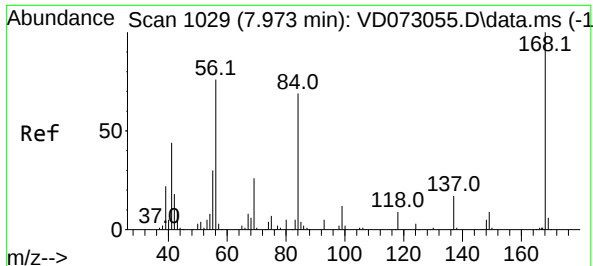
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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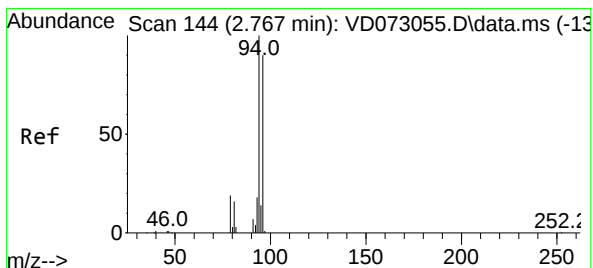
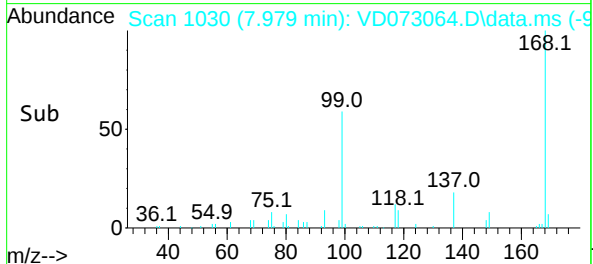
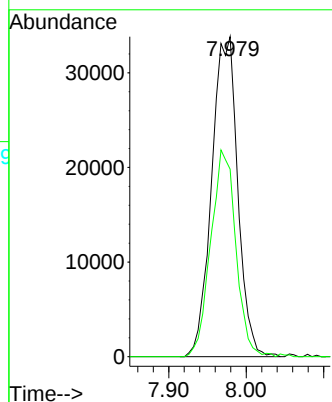
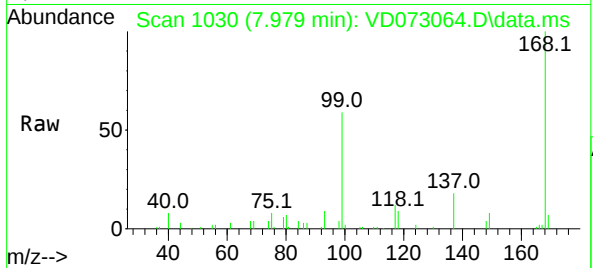




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD073064.D
Acq: 17 May 2022 18:37

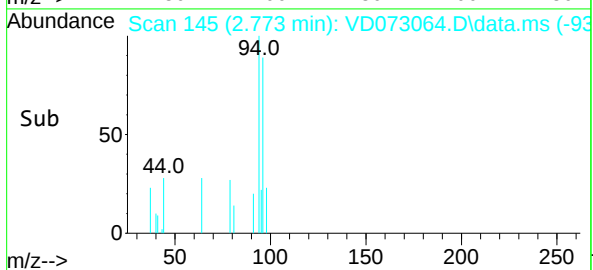
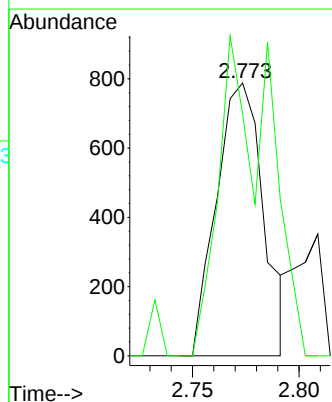
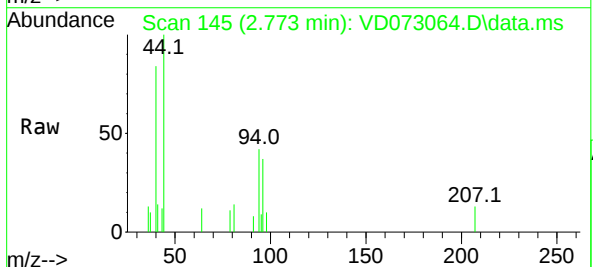
Instrument :
MSVOA_D
ClientSampleId :

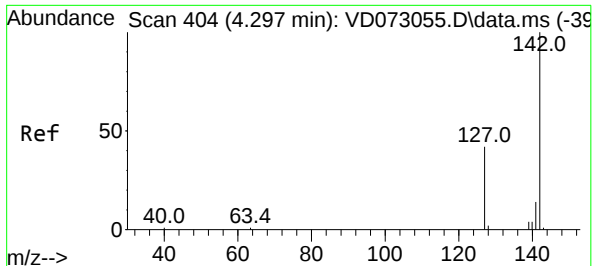
Tgt Ion:168 Resp: 79011
Ion Ratio Lower Upper
168 100
99 58.6 49.8 74.6



#5
Bromomethane
Concen: 1.819 ug/l
RT: 2.773 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD073064.D
Acq: 17 May 2022 18:37

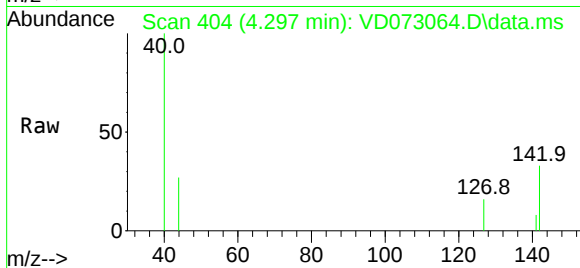
Tgt Ion: 94 Resp: 1210
Ion Ratio Lower Upper
94 100
96 88.6 77.6 116.4



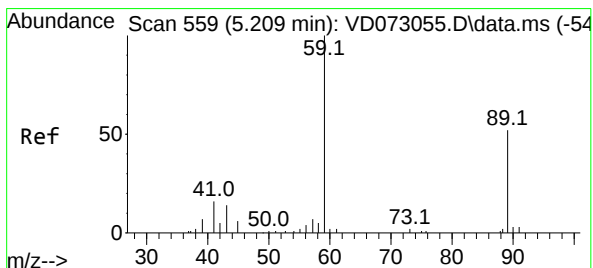
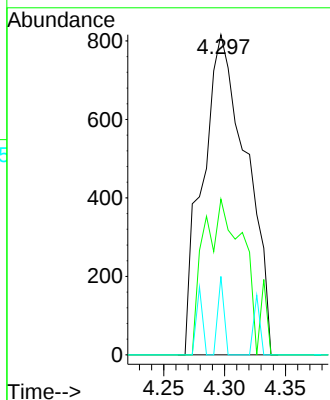
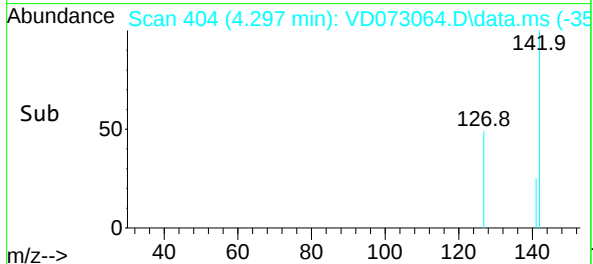


#10
Methyl Iodide
Concen: 5.861 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD073064.D
Acq: 17 May 2022 18:37

Instrument :
MSVOA_D
ClientSampleId :

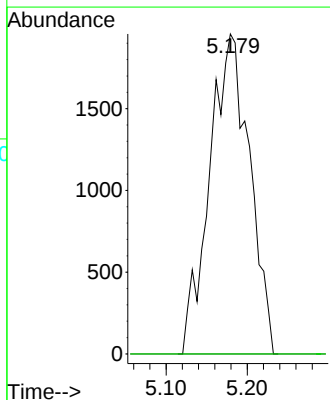
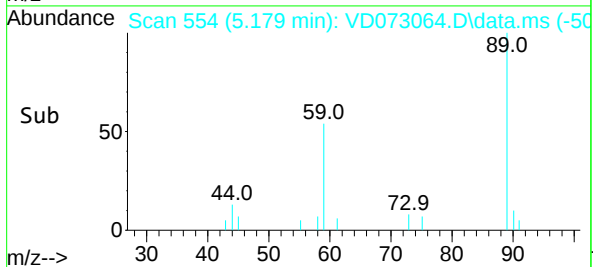
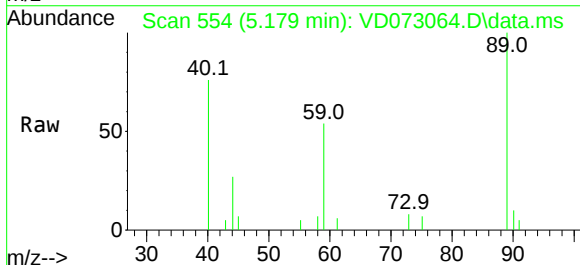


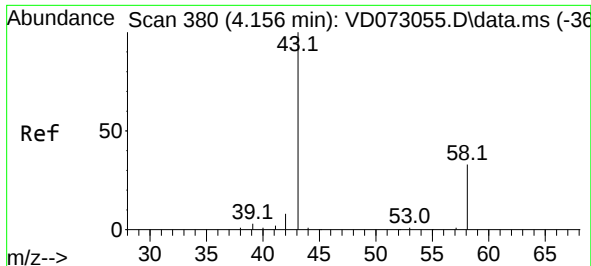
Tgt Ion:142 Resp: 2043
Ion Ratio Lower Upper
142 100
127 45.9 37.3 55.9
141 3.5 11.7 17.5#



#11
Tert butyl alcohol
Concen: 43.825 ug/l
RT: 5.179 min Scan# 554
Delta R.T. -0.030 min
Lab File: VD073064.D
Acq: 17 May 2022 18:37

Tgt Ion: 59 Resp: 6698
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

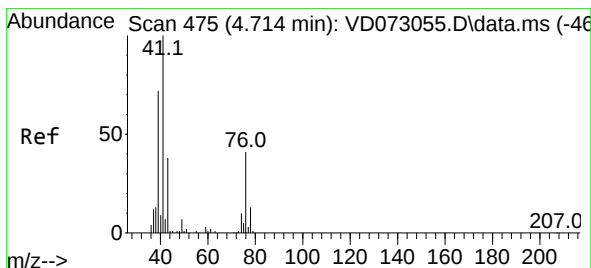
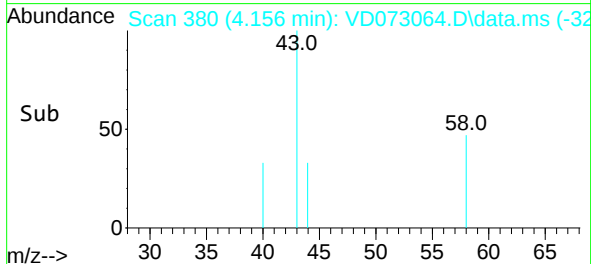
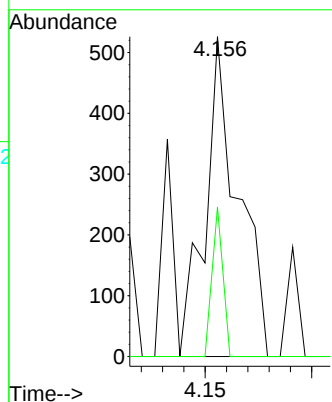
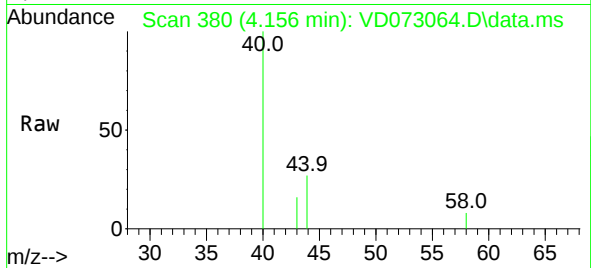




#16
Acetone
Concen: 3.160 ug/l
RT: 4.156 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD073064.D
Acq: 17 May 2022 18:37

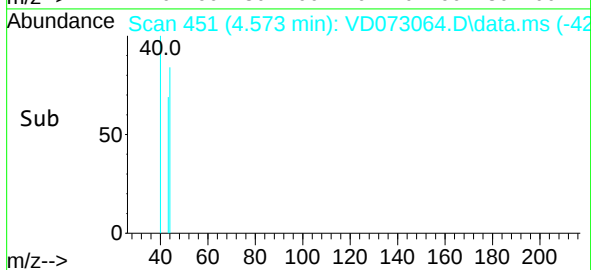
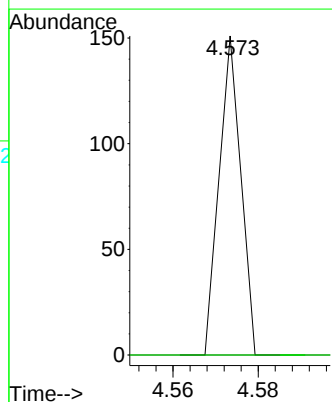
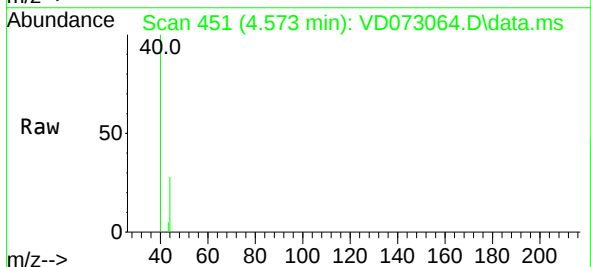
Instrument :
MSVOA_D
ClientSampleId :

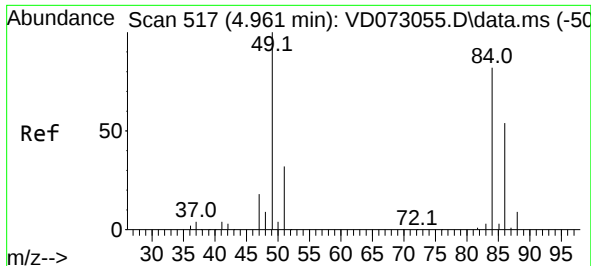
Tgt Ion: 43 Resp: 565
Ion Ratio Lower Upper
43 100
58 46.8 22.1 33.1#



#18
Methyl Acetate
Concen: 1.555 ug/l
RT: 4.573 min Scan# 451
Delta R.T. -0.141 min
Lab File: VD073064.D
Acq: 17 May 2022 18:37

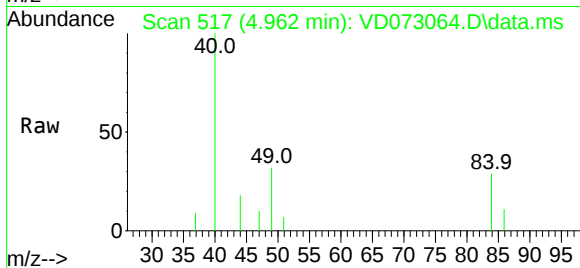
Tgt Ion: 43 Resp: 53
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#





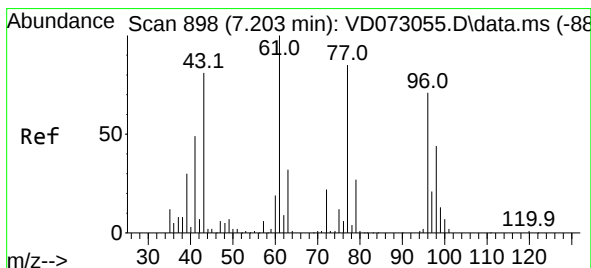
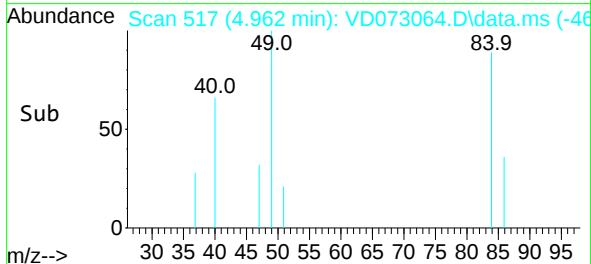
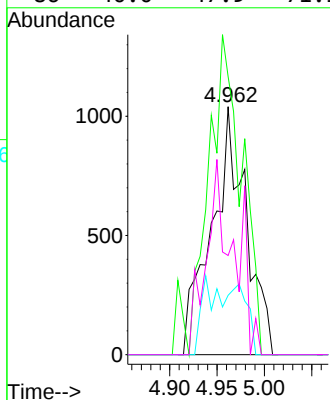
#20
Methylene Chloride
Concen: 2.024 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD073064.D
Acq: 17 May 2022 18:37

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 2627

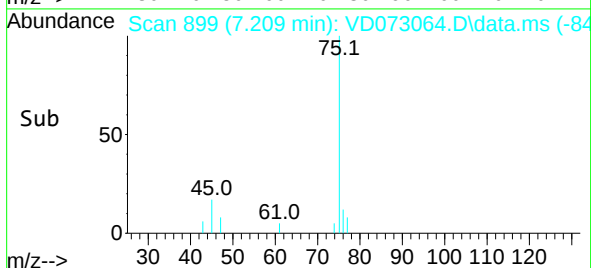
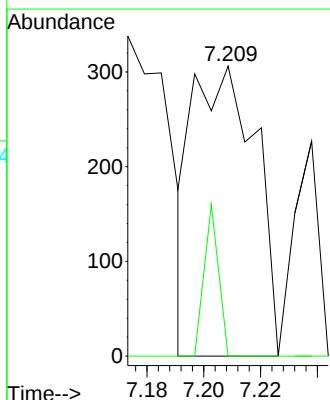
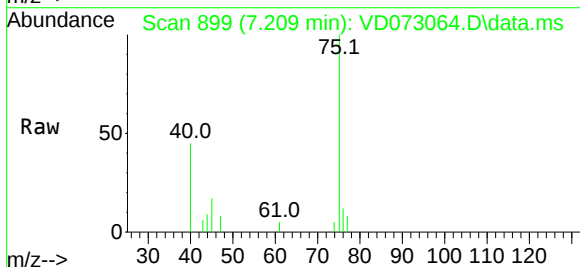
Ion	Ratio	Lower	Upper
84	100		
49	112.1	112.8	169.2#
51	23.9	32.6	48.8#
86	40.0	47.9	71.9#

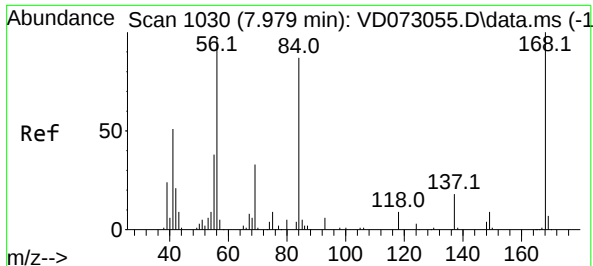


#25
2-Butanone
Concen: 1.732 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD073064.D
Acq: 17 May 2022 18:37

Tgt Ion: 43 Resp: 469

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#





#31

Cyclohexane

Concen: 1.013 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.012 min

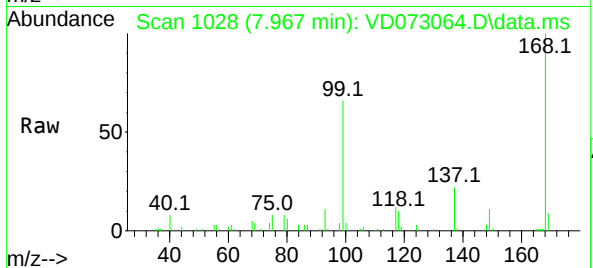
Lab File: VD073064.D

Acq: 17 May 2022 18:37

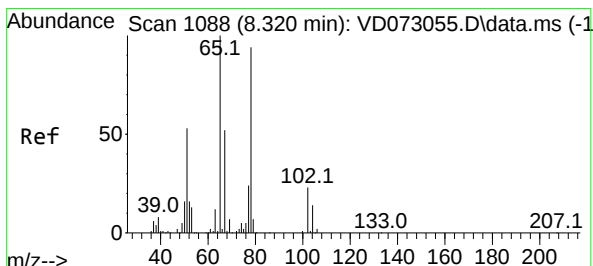
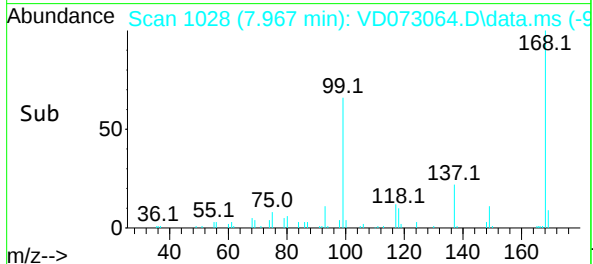
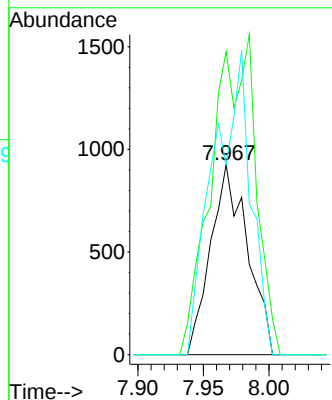
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	56	Resp:	1803
Ion	Ratio	Lower	Upper
56	100		
69	159.4	25.4	38.2#
84	99.9	63.0	94.4#



#33

1,2-Dichloroethane-d4

Concen: 72.932 ug/l

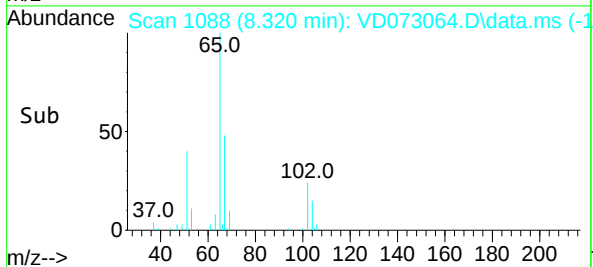
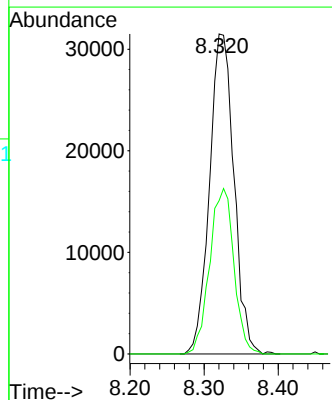
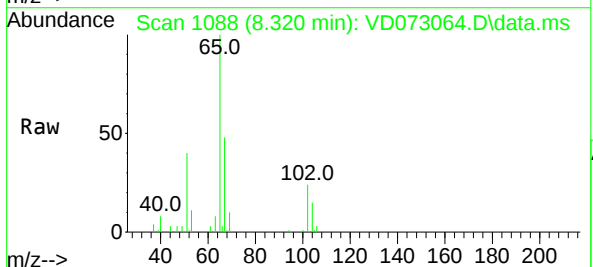
RT: 8.320 min Scan# 1088

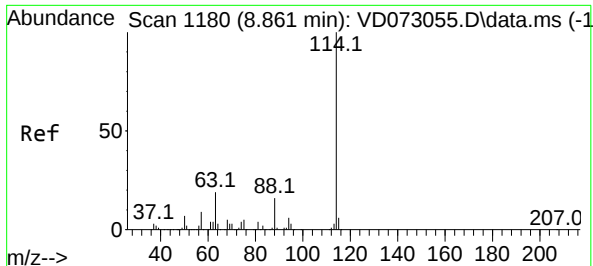
Delta R.T. 0.000 min

Lab File: VD073064.D

Acq: 17 May 2022 18:37

Tgt Ion:	65	Resp:	72064
Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 11

Delta R.T. -0.006 min

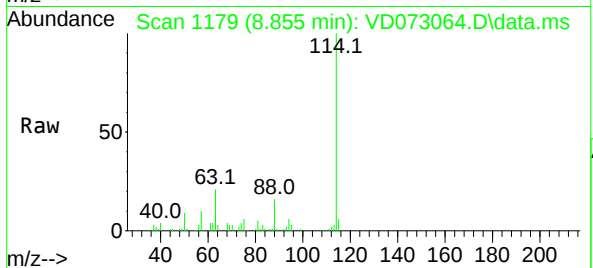
Lab File: VD073064.D

Acq: 17 May 2022 18:37

Instrument :

MSVOA_D

ClientSampleId :



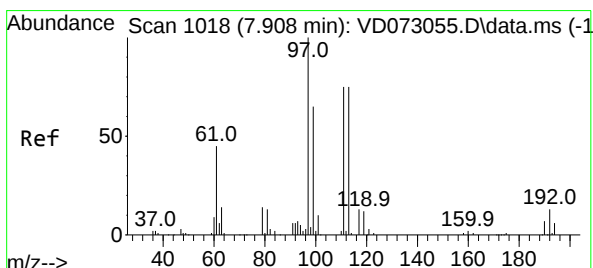
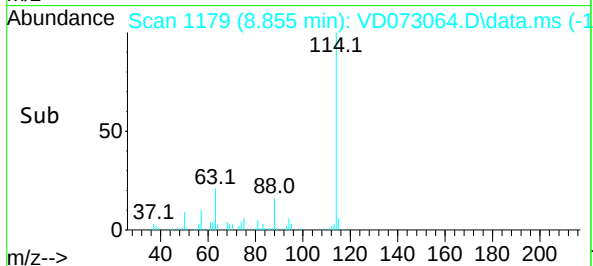
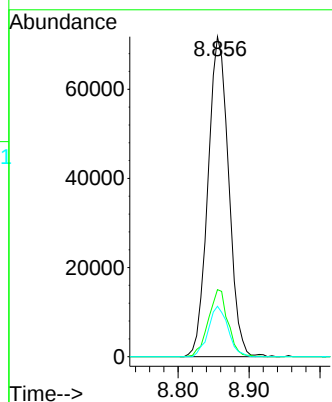
Tgt Ion:114 Resp: 145262

Ion Ratio Lower Upper

114 100

63 21.0 0.0 46.6

88 15.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 58.565 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073064.D

Acq: 17 May 2022 18:37

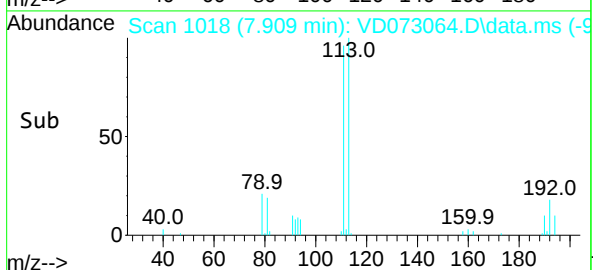
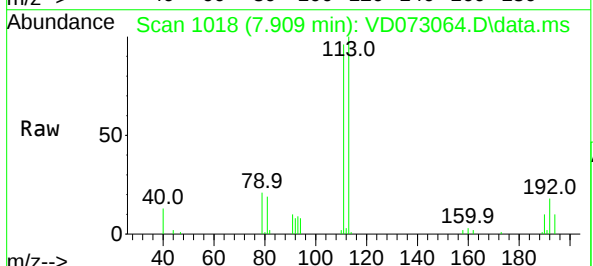
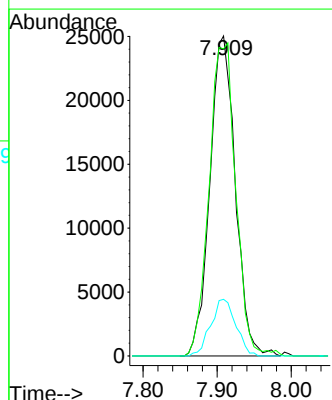
Tgt Ion:113 Resp: 59731

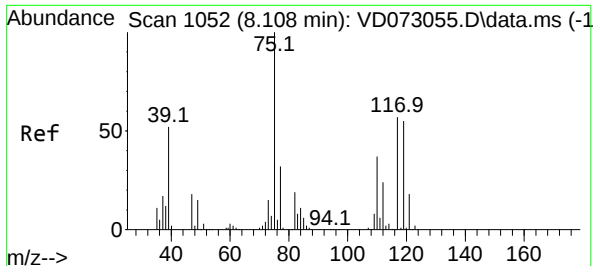
Ion Ratio Lower Upper

113 100

111 102.3 83.8 125.6

192 17.4 14.6 21.8





#36

1,1-Dichloropropene

Concen: 3.950 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

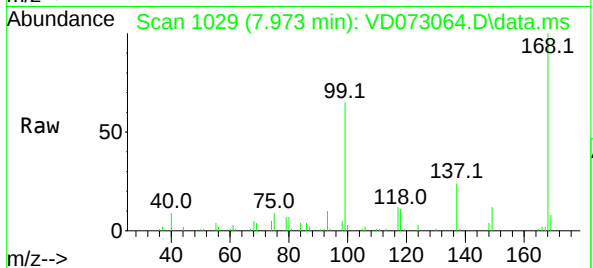
Lab File: VD073064.D

Acq: 17 May 2022 18:37

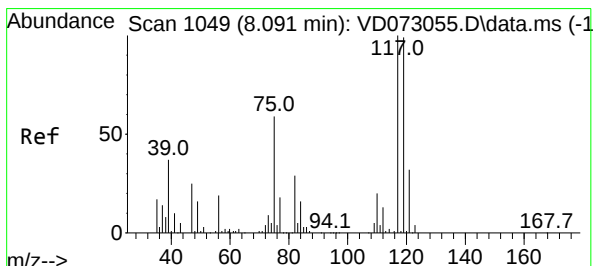
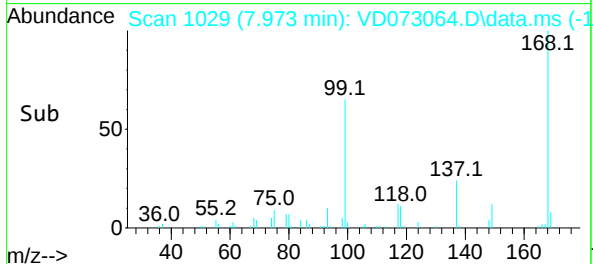
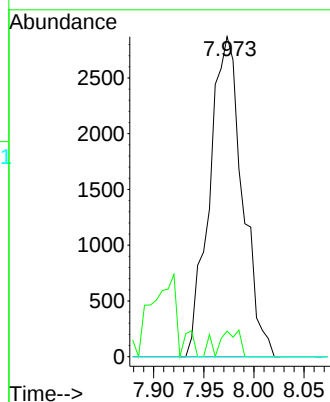
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75	Resp: 6565
Ion Ratio	Lower Upper
75	100
110	5.4 16.4 49.1#
77	0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.217 ug/l

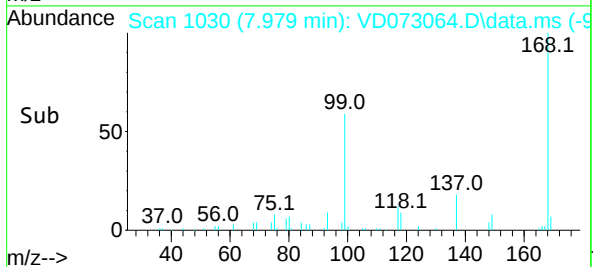
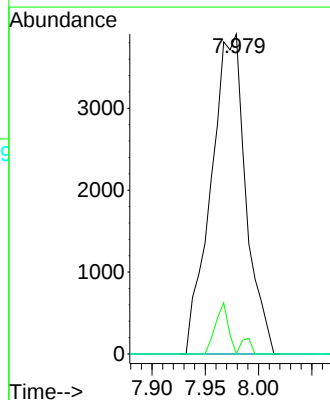
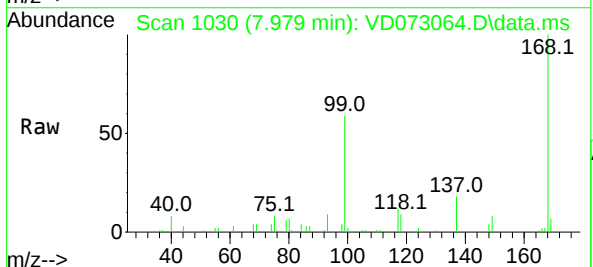
RT: 7.979 min Scan# 1030

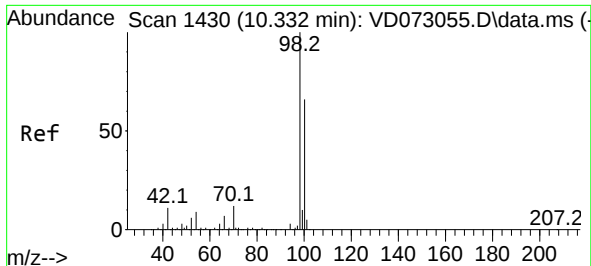
Delta R.T. -0.112 min

Lab File: VD073064.D

Acq: 17 May 2022 18:37

Tgt Ion: 117	Resp: 8870
Ion Ratio	Lower Upper
117	100
119	0.0 75.8 113.6#
121	0.0 24.5 36.7#

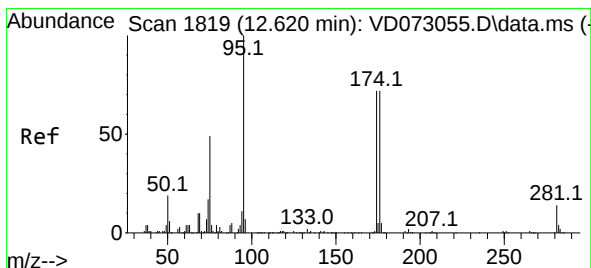
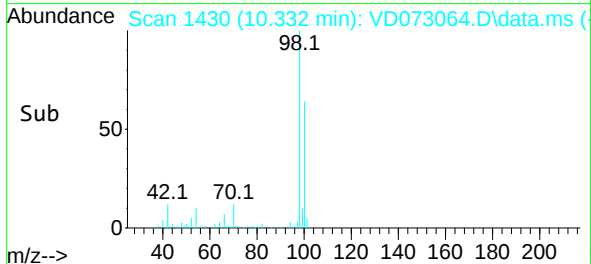
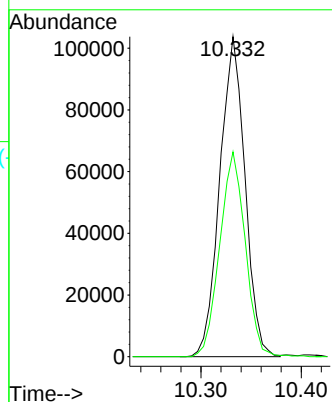
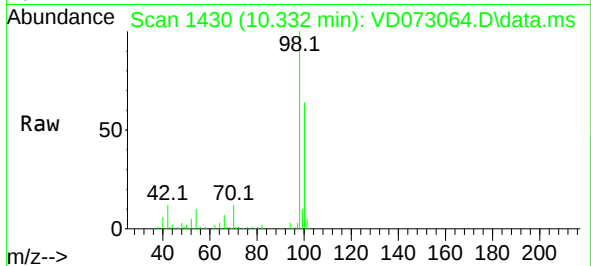




#50
Toluene-d8
Concen: 48.798 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073064.D
Acq: 17 May 2022 18:37

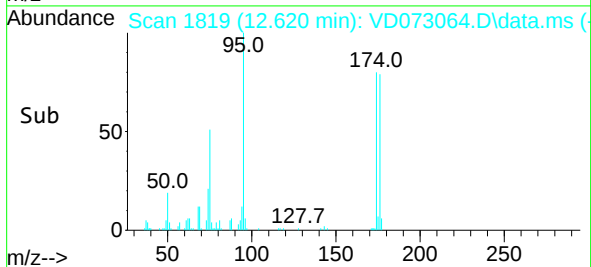
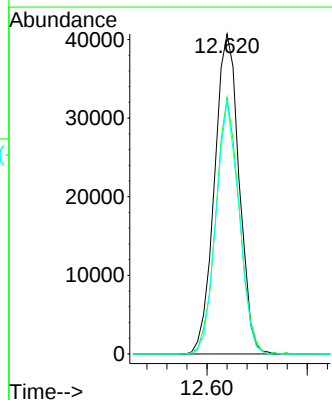
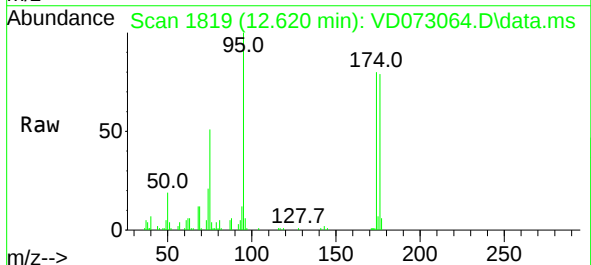
Instrument :
MSVOA_D
ClientSampleId :

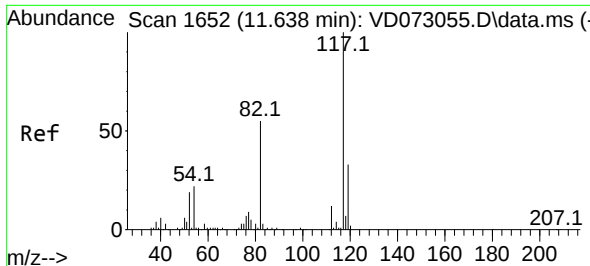
Tgt Ion: 98 Resp: 180554
Ion Ratio Lower Upper
98 100
100 64.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 51.726 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073064.D
Acq: 17 May 2022 18:37

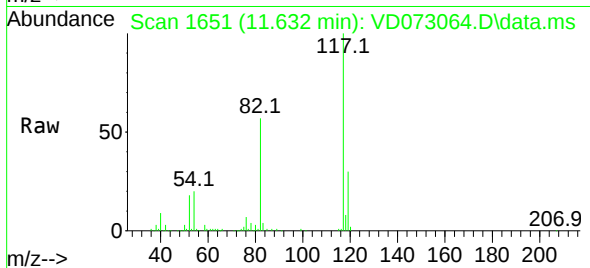
Tgt Ion: 95 Resp: 69319
Ion Ratio Lower Upper
95 100
174 76.4 0.0 152.8
176 74.1 0.0 145.4



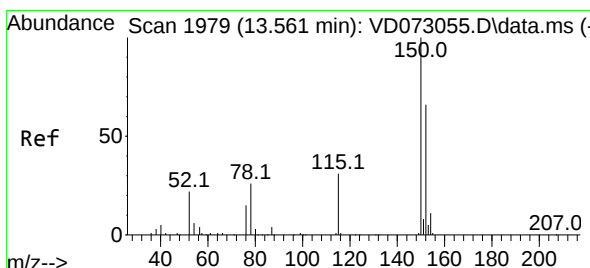
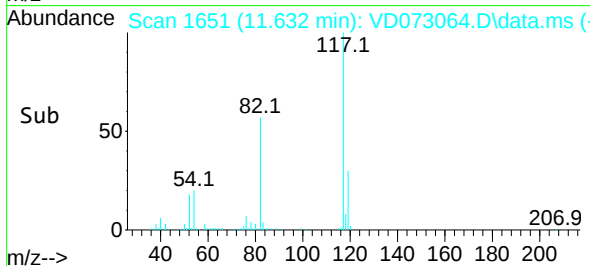
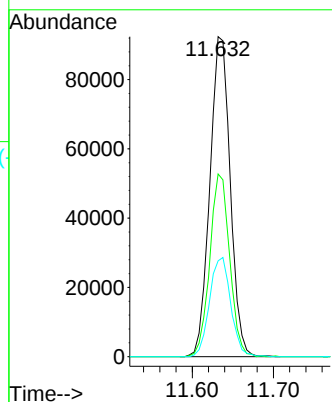


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073064.D
Acq: 17 May 2022 18:37

Instrument :
MSVOA_D
ClientSampleId :

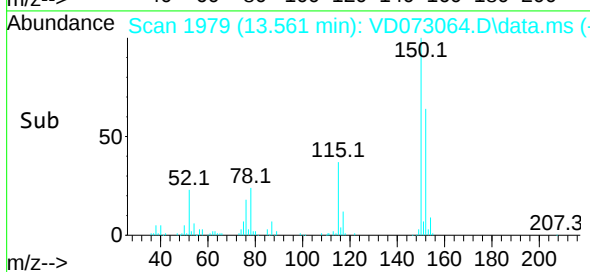
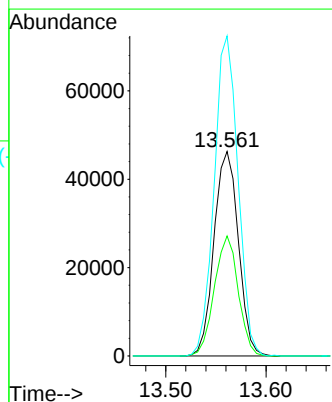
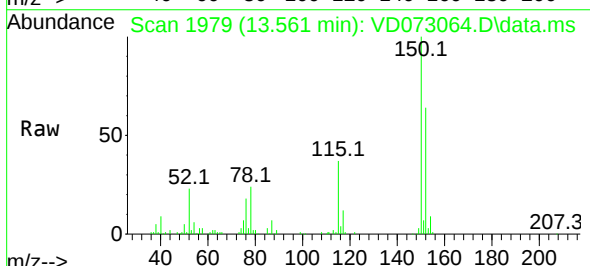


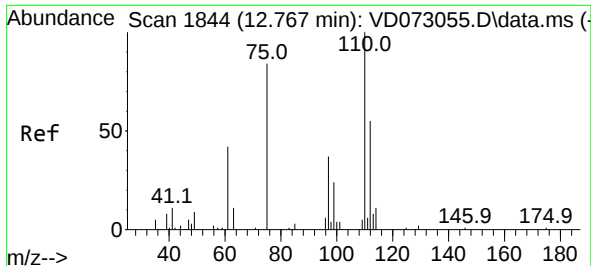
Tgt Ion:117 Resp: 160885
Ion Ratio Lower Upper
117 100
82 57.1 45.3 67.9
119 29.9 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073064.D
Acq: 17 May 2022 18:37

Tgt Ion:152 Resp: 78107
Ion Ratio Lower Upper
152 100
115 57.5 31.3 93.8
150 153.0 0.0 348.6

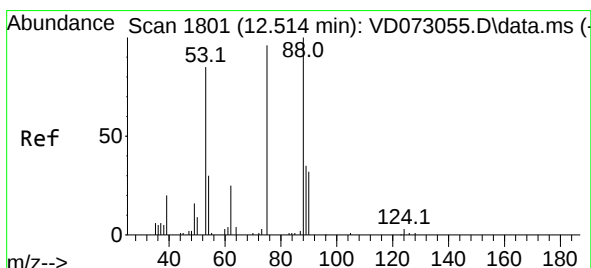
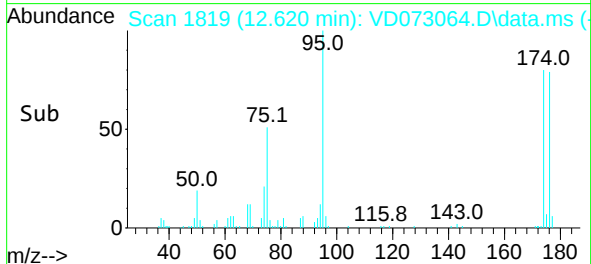
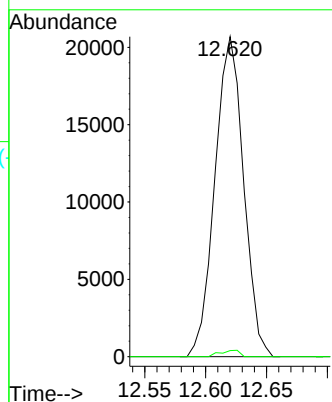
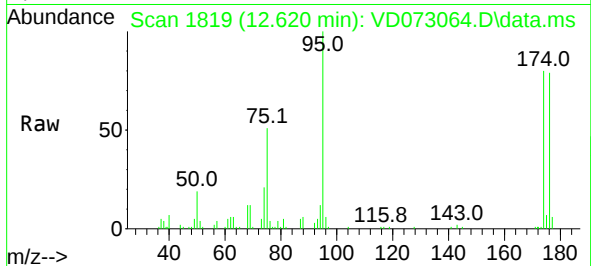




#76
1,2,3-Trichloropropane
Concen: 38.359 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073064.D
Acq: 17 May 2022 18:37

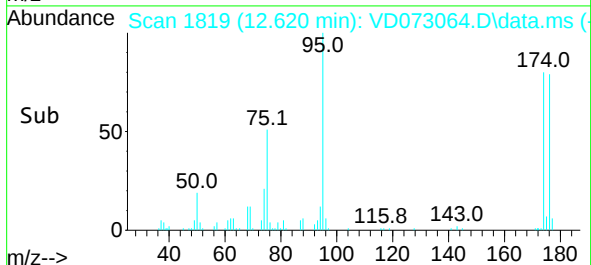
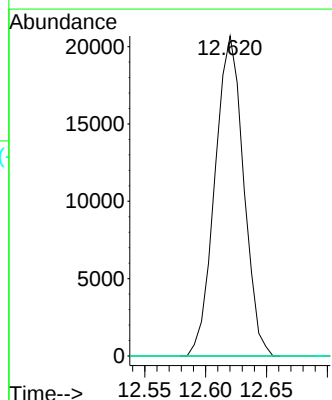
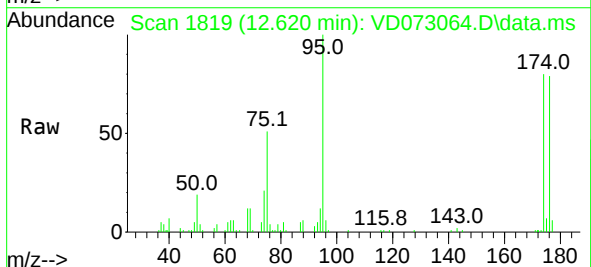
Instrument :
MSVOA_D
ClientSampleId :

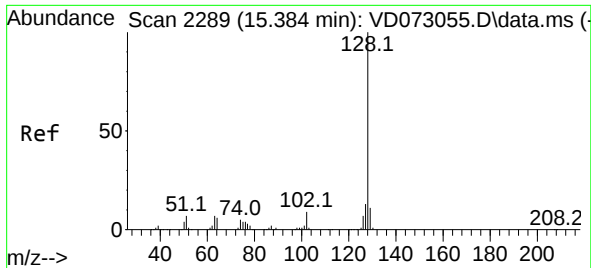
Tgt Ion: 75 Resp: 33869
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.976 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073064.D
Acq: 17 May 2022 18:37

Tgt Ion: 75 Resp: 33869
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#





#95

Naphthalene

Concen: 4.623 ug/l

RT: 15.390 min Scan# 21

Delta R.T. 0.006 min

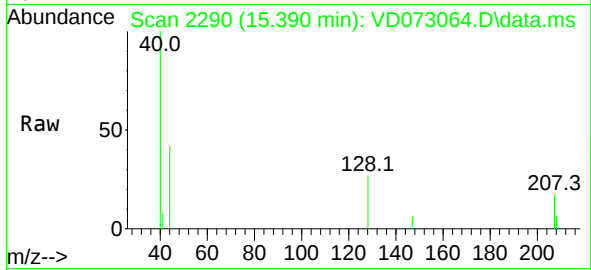
Lab File: VD073064.D

Acq: 17 May 2022 18:37

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:128 Resp: 1207

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.4 12.6#

