

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073100.D
 Acq On : 18 May 2022 15:45
 Operator : VA/SY
 Sample : N2832-01
 Misc : 5.08G/5.00ml/MSVOA_D/soil
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB01

Quant Time: May 19 04:45:02 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)

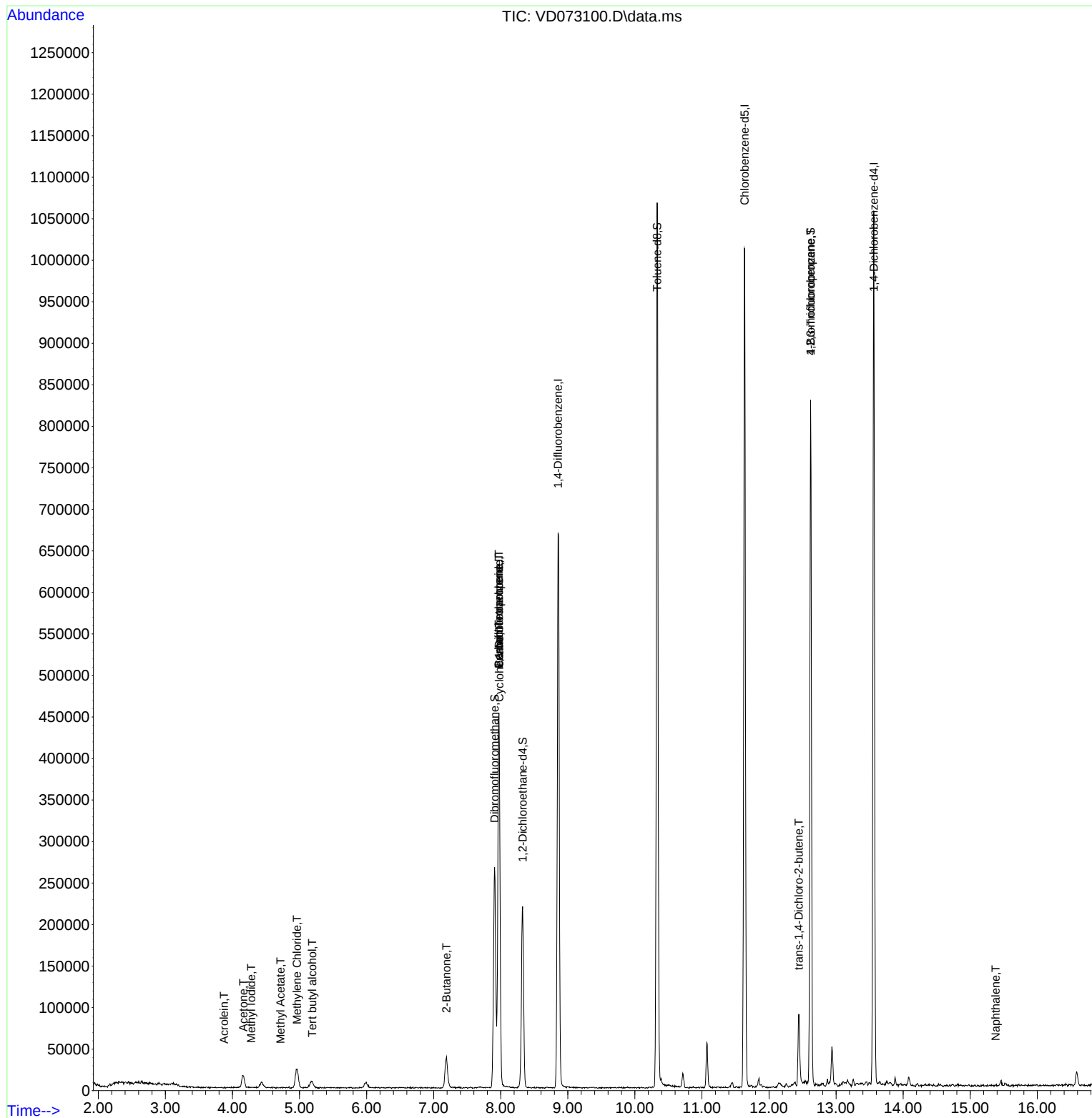
Internal Standards						
1) Pentafluorobenzene	7.973	168	330407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	582481	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	590511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	268413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	173072	41.886	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	83.780%		
35) Dibromofluoromethane	7.909	113	193073	47.210	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.420%		
50) Toluene-d8	10.332	98	712819	48.045	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.080%		
62) 4-Bromofluorobenzene	12.620	95	273092	50.820	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.640%		
Target Compounds						Qvalue
10) Methyl Iodide	4.279	142	590	4.389	ug/l #	38
11) Tert butyl alcohol	5.191	59	8383	13.116	ug/l #	74
13) Acrolein	3.873	56	79	13.265	ug/l #	14
16) Acetone	4.162	43	26979	36.081	ug/l #	85
18) Methyl Acetate	4.715	43	166	1.531	ug/l #	55
20) Methylene Chloride	4.962	84	18094	3.334	ug/l	91
25) 2-Butanone	7.191	43	1793	1.584	ug/l	94
31) Cyclohexane	7.979	56	8464	1.137	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	27936	4.192	ug/l #	51
38) Carbon Tetrachloride	7.973	117	35533	5.212	ug/l #	18
76) 1,2,3-Trichloropropane	12.620	75	137893	45.446	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.444	75	4433	3.503	ug/l #	22
95) Naphthalene	15.379	128	1126	4.359	ug/l #	87

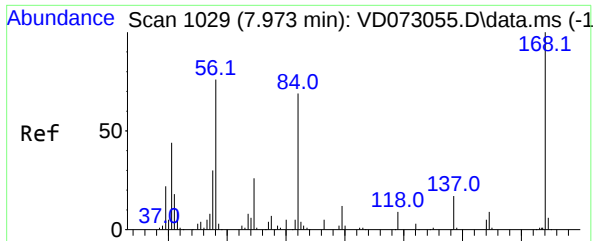
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD073100.D
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Operator : VA/SY
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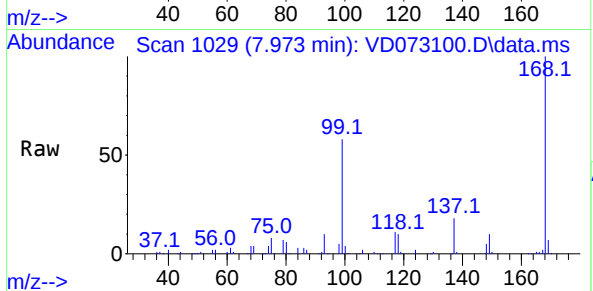
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 04:58:34 2022
Response via : Initial Calibration



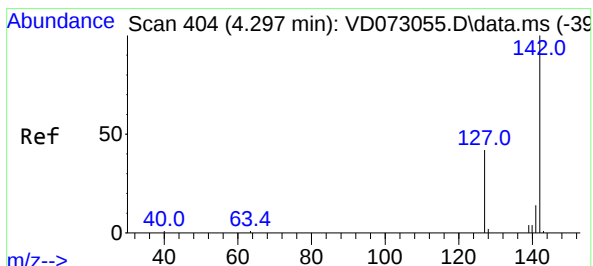
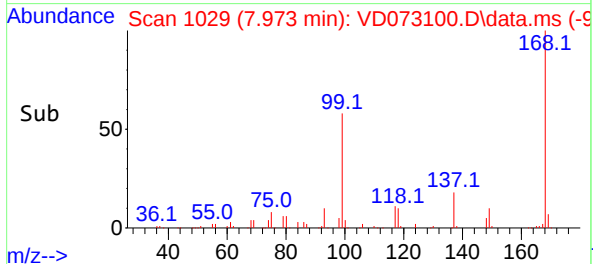
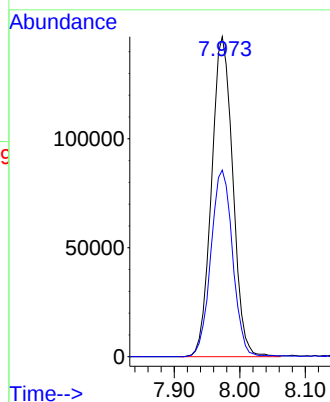


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073100.D
Acq: 18 May 2022 15:45

Instrument :
MSVOA_D
ClientSampleId :
SB01

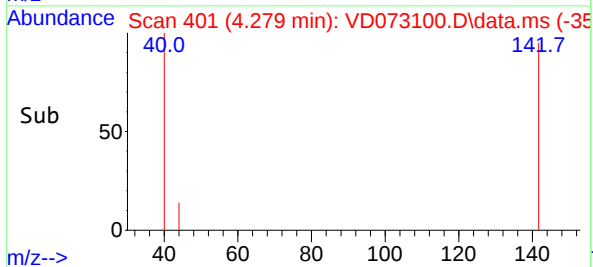
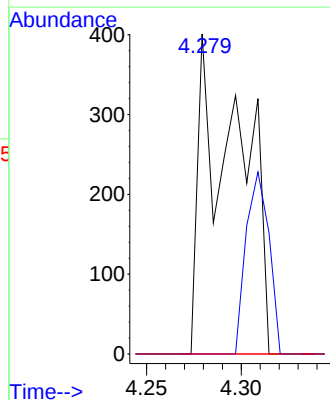
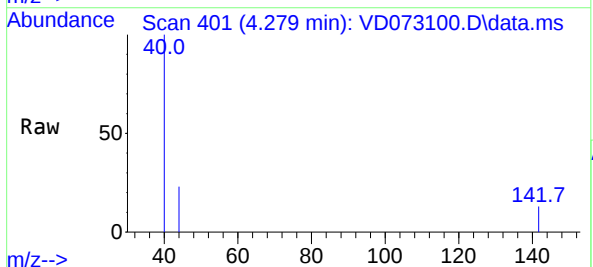


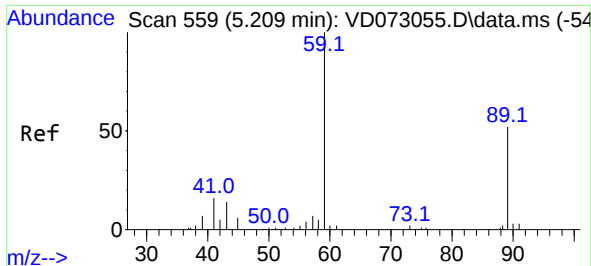
Tgt Ion:168 Resp: 330407
Ion Ratio Lower Upper
168 100
99 58.3 49.8 74.6



#10
Methyl Iodide
Concen: 4.389 ug/l
RT: 4.279 min Scan# 401
Delta R.T. -0.018 min
Lab File: VD073100.D
Acq: 18 May 2022 15:45

Tgt Ion:142 Resp: 590
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.7 17.5#

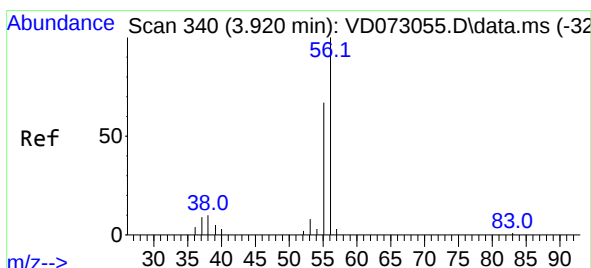
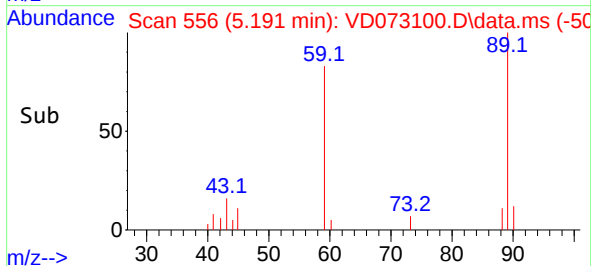
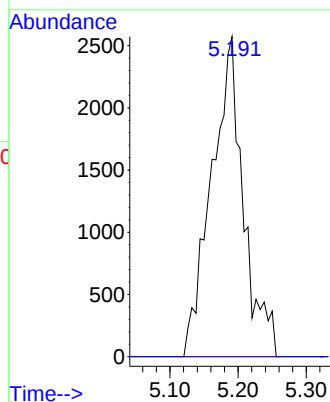
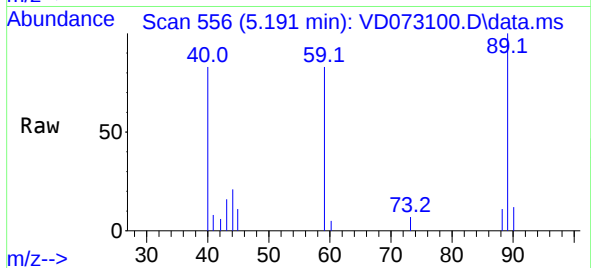




#11
Tert butyl alcohol
Concen: 13.116 ug/l
RT: 5.191 min Scan# 51
Delta R.T. -0.018 min
Lab File: VD073100.D
Acq: 18 May 2022 15:45

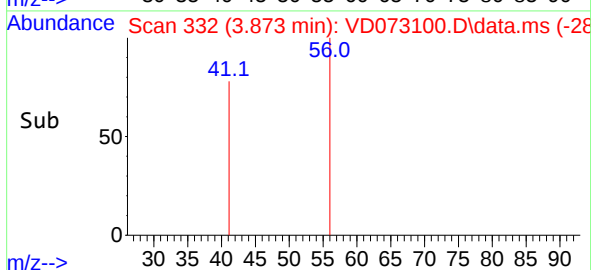
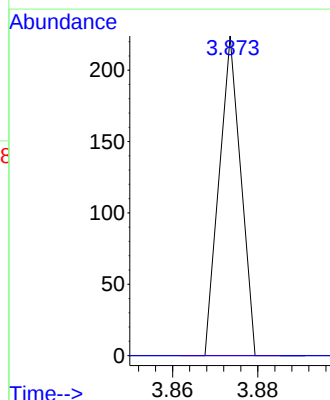
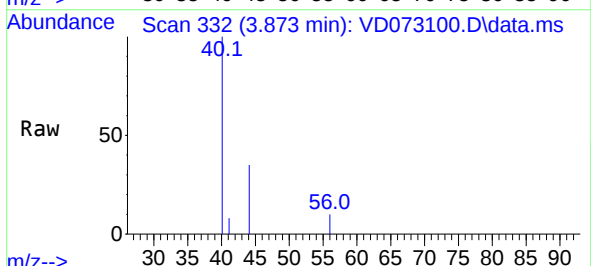
Instrument :
MSVOA_D
ClientSampleId :
SB01

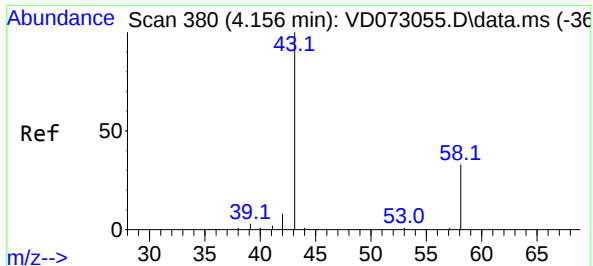
Tgt Ion: 59 Resp: 8383
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#13
Acrolein
Concen: 13.265 ug/l
RT: 3.873 min Scan# 332
Delta R.T. -0.047 min
Lab File: VD073100.D
Acq: 18 May 2022 15:45

Tgt Ion: 56 Resp: 79
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#

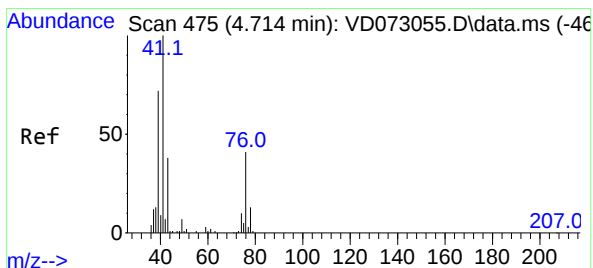
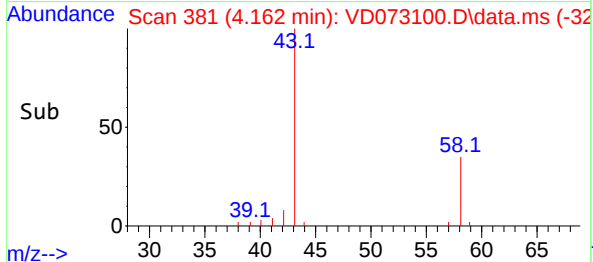
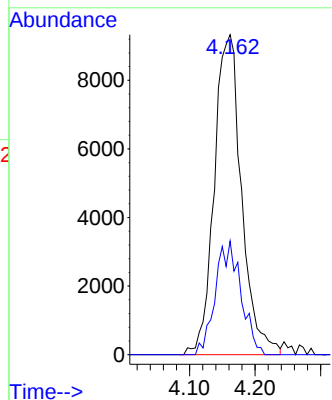
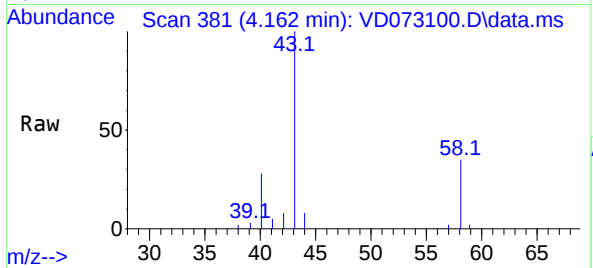




#16
Acetone
Concen: 36.081 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD073100.D
Acq: 18 May 2022 15:45

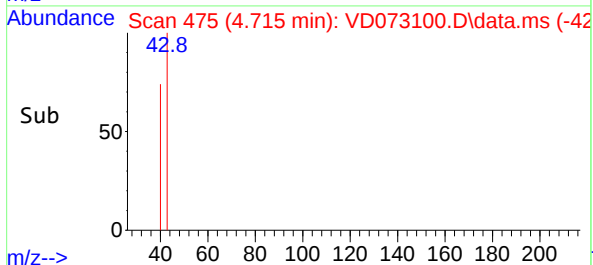
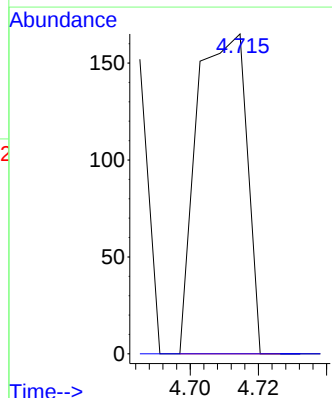
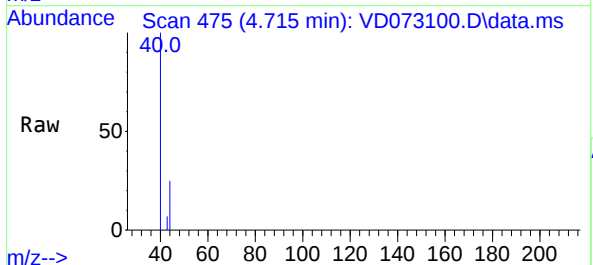
Instrument :
MSVOA_D
ClientSampleId :
SB01

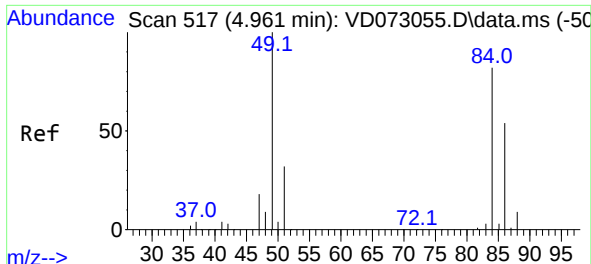
Tgt Ion: 43 Resp: 26979
Ion Ratio Lower Upper
43 100
58 35.5 22.1 33.1#



#18
Methyl Acetate
Concen: 1.531 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.001 min
Lab File: VD073100.D
Acq: 18 May 2022 15:45

Tgt Ion: 43 Resp: 166
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



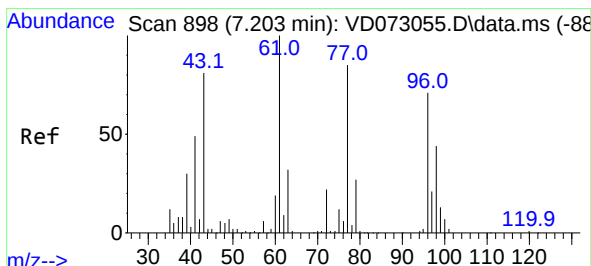
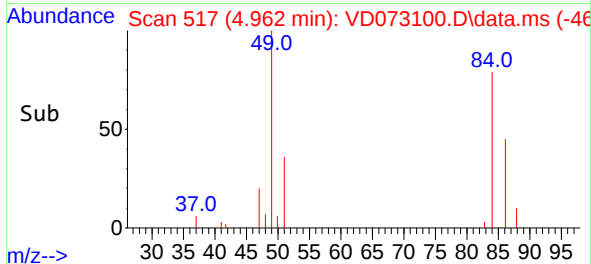
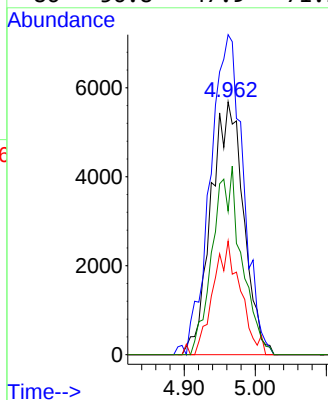
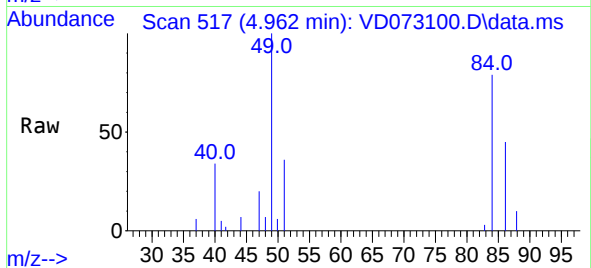


#20
Methylene Chloride
Concen: 3.334 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD073100.D
Acq: 18 May 2022 15:45

Instrument :
MSVOA_D
ClientSampleId :
SB01

Tgt Ion: 84 Resp: 18094

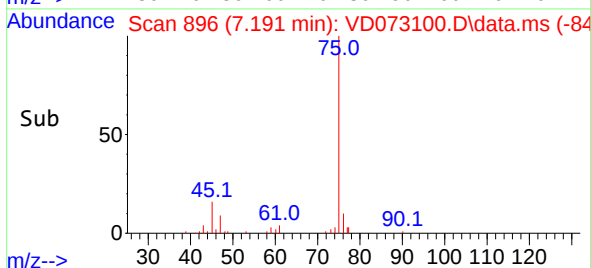
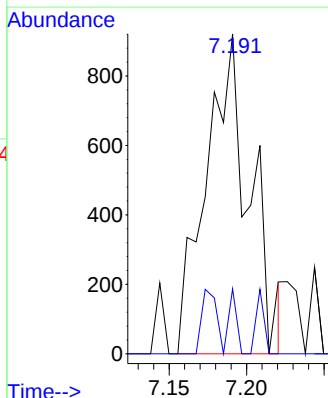
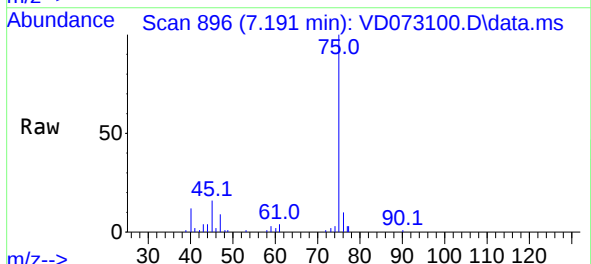
Ion	Ratio	Lower	Upper
84	100		
49	126.5	112.8	169.2
51	44.9	32.6	48.8
86	56.8	47.9	71.9

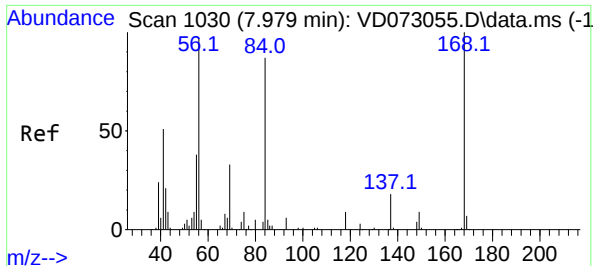


#25
2-Butanone
Concen: 1.584 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.012 min
Lab File: VD073100.D
Acq: 18 May 2022 15:45

Tgt Ion: 43 Resp: 1793

Ion	Ratio	Lower	Upper
43	100		
72	20.3	18.6	27.8

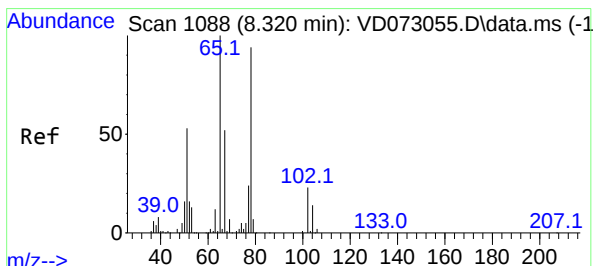
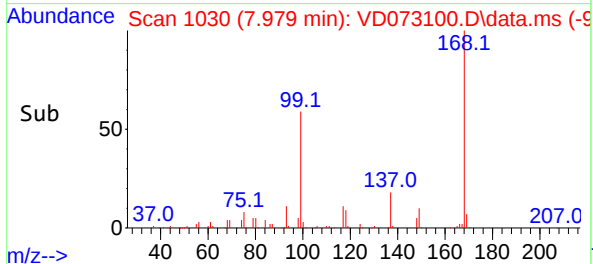
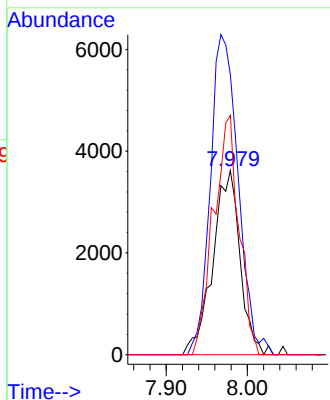
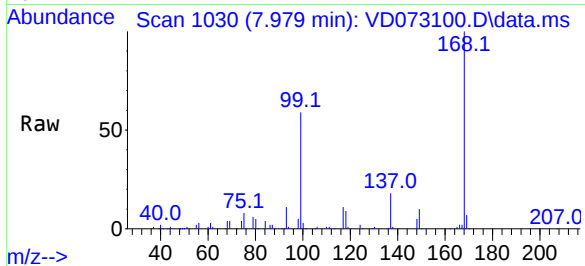




#31
Cyclohexane
Concen: 1.137 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073100.D
Acq: 18 May 2022 15:45

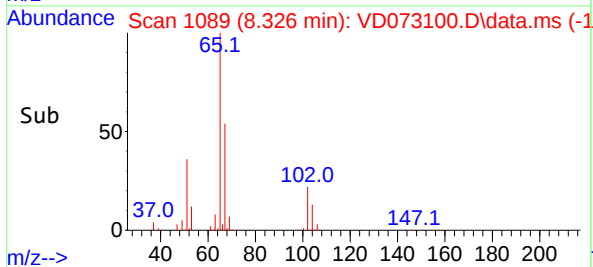
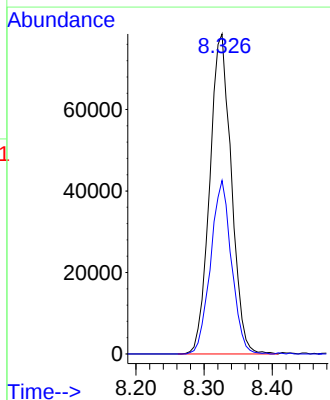
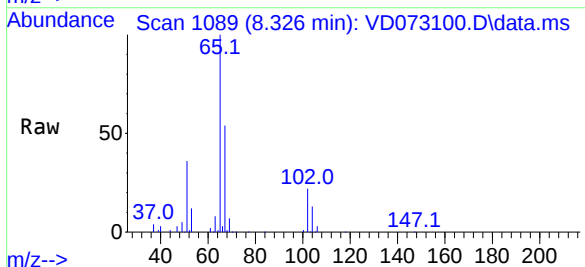
Instrument :
MSVOA_D
ClientSampleId :
SB01

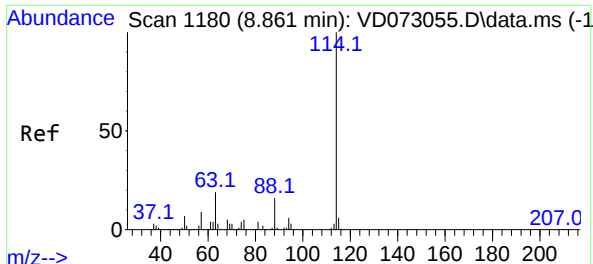
Tgt Ion: 56 Resp: 8464
Ion Ratio Lower Upper
56 100
69 152.2 25.4 38.2#
84 130.0 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 41.886 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073100.D
Acq: 18 May 2022 15:45

Tgt Ion: 65 Resp: 173072
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.4



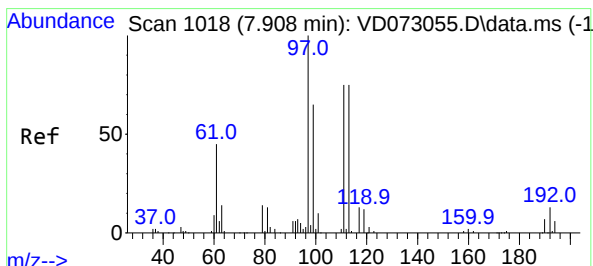
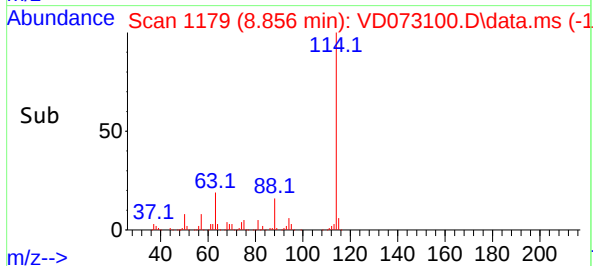
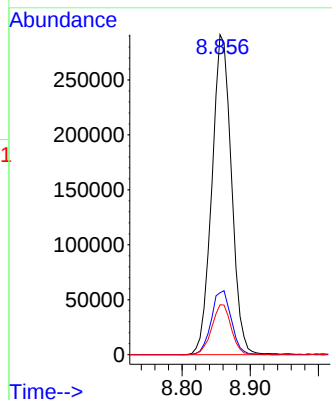
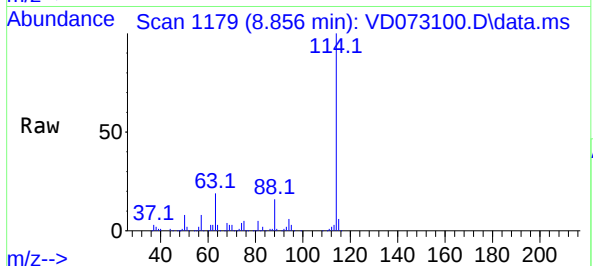


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD073100.D
Acq: 18 May 2022 15:45

Instrument :
MSVOA_D
ClientSampleId :
SB01

Tgt Ion:114 Resp: 582481

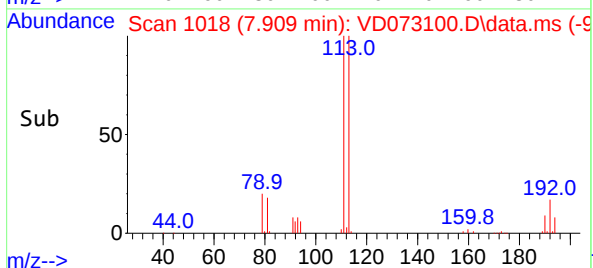
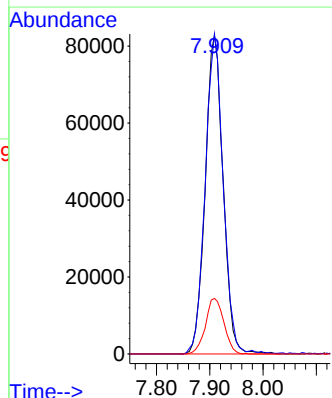
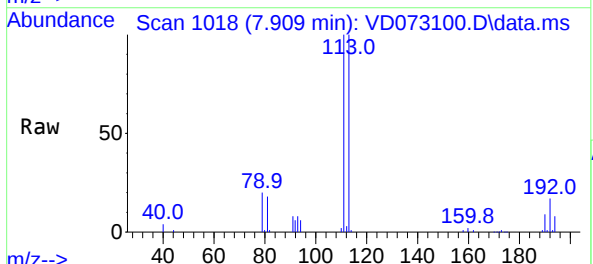
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	46.6
88	15.6	0.0	33.2

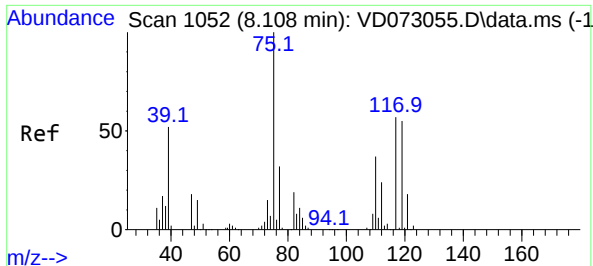


#35
Dibromofluoromethane
Concen: 47.210 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073100.D
Acq: 18 May 2022 15:45

Tgt Ion:113 Resp: 193073

Ion	Ratio	Lower	Upper
113	100		
111	100.4	83.8	125.6
192	18.0	14.6	21.8





#36

1,1-Dichloropropene

Concen: 4.192 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD073100.D

Acq: 18 May 2022 15:45

Instrument :

MSVOA_D

ClientSampleId :

SB01

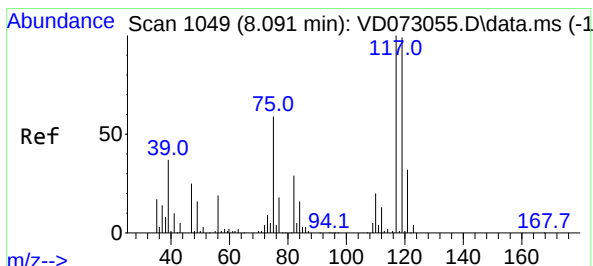
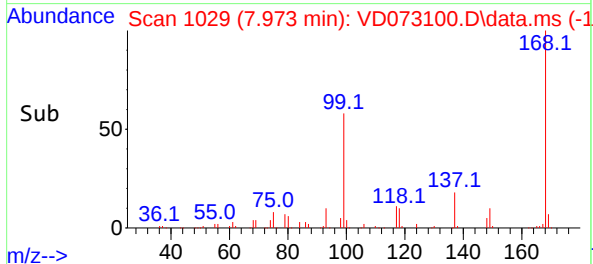
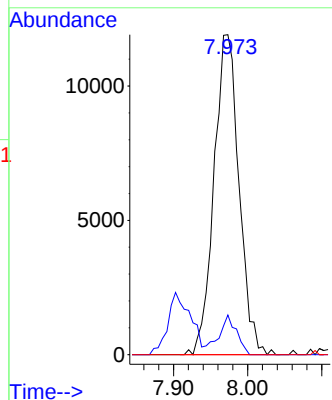
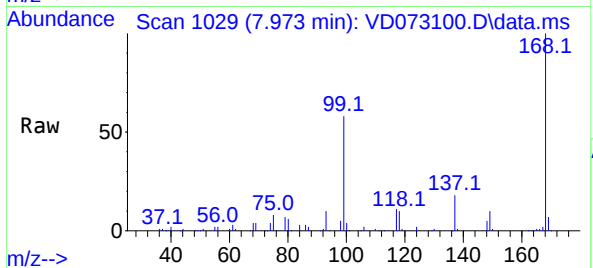
Tgt Ion: 75 Resp: 27936

Ion Ratio Lower Upper

75 100

110 8.6 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.212 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.117 min

Lab File: VD073100.D

Acq: 18 May 2022 15:45

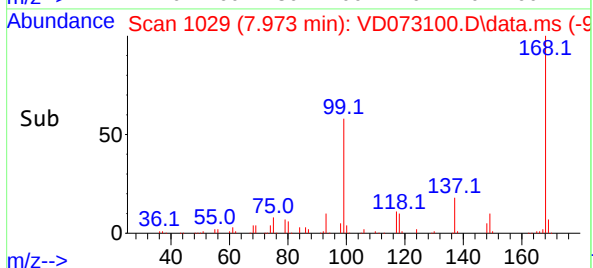
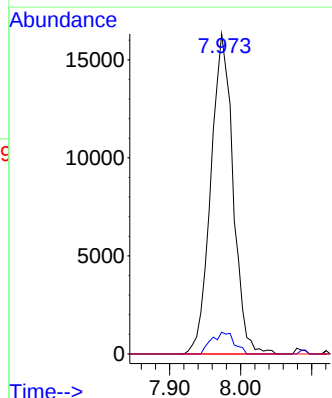
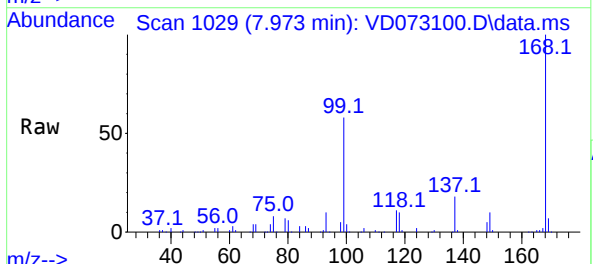
Tgt Ion: 117 Resp: 35533

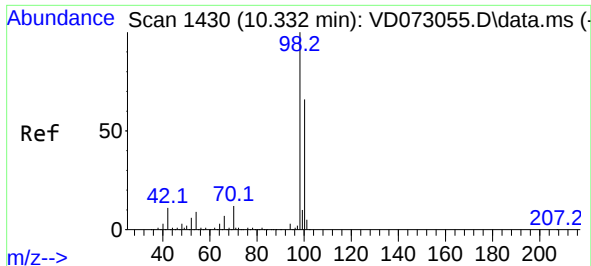
Ion Ratio Lower Upper

117 100

119 6.8 75.8 113.6#

121 0.0 24.5 36.7#

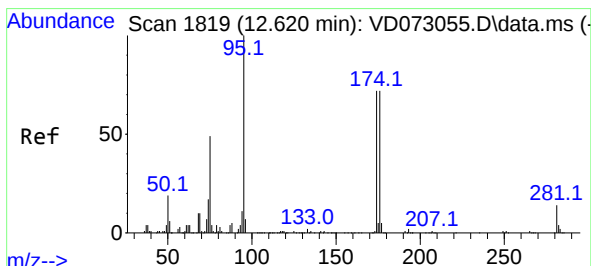
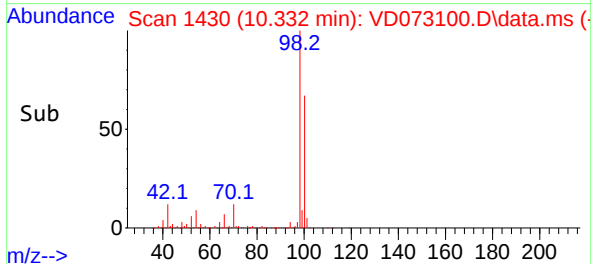
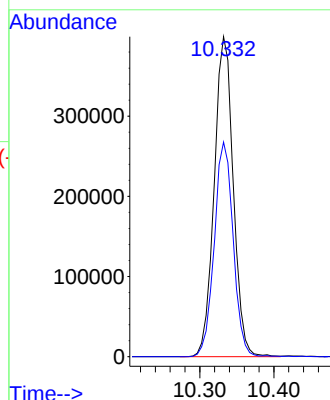
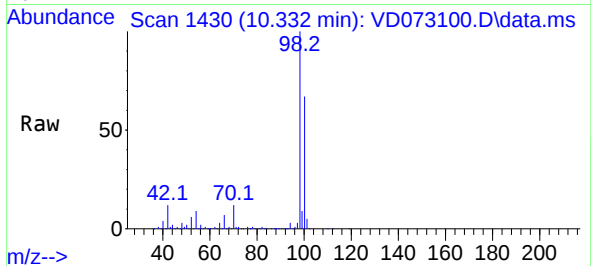




#50
Toluene-d8
Concen: 48.045 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073100.D
Acq: 18 May 2022 15:45

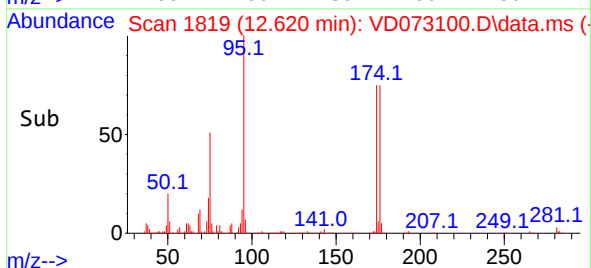
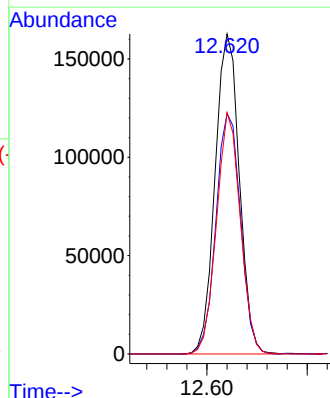
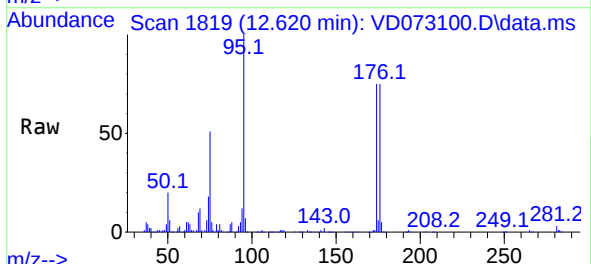
Instrument :
MSVOA_D
ClientSampleId :
SB01

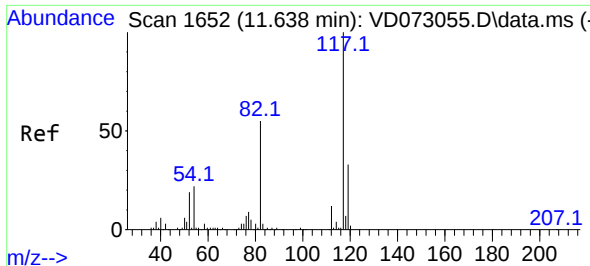
Tgt Ion: 98 Resp: 712819
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 50.820 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073100.D
Acq: 18 May 2022 15:45

Tgt Ion: 95 Resp: 273092
Ion Ratio Lower Upper
95 100
174 76.5 0.0 152.8
176 74.0 0.0 145.4

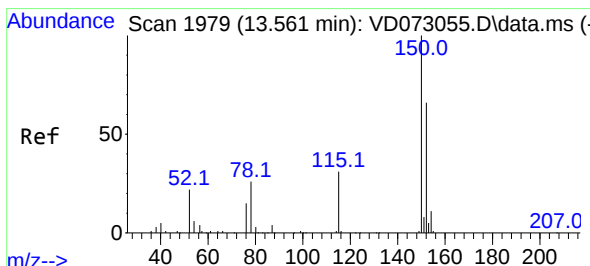
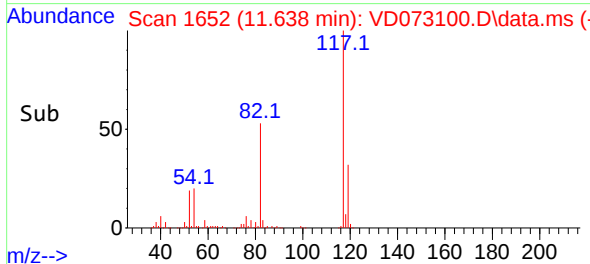
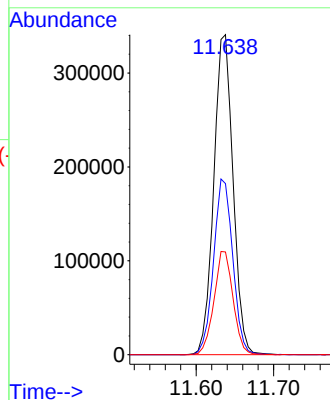
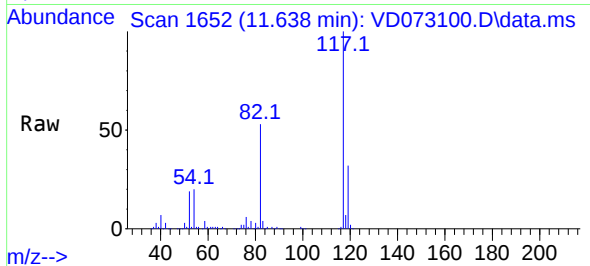




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD073100.D
Acq: 18 May 2022 15:45

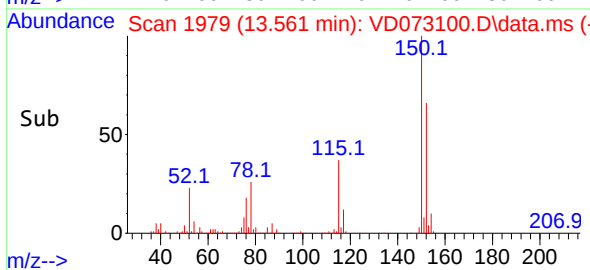
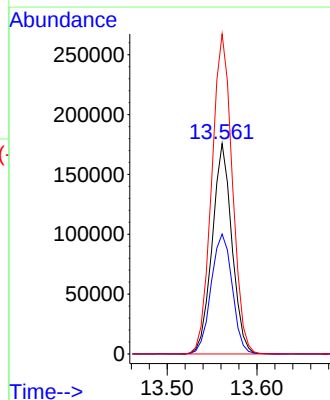
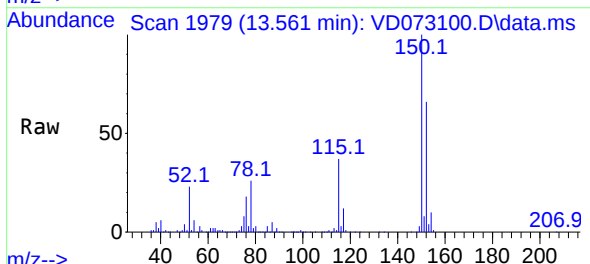
Instrument :
MSVOA_D
ClientSampleId :
SB01

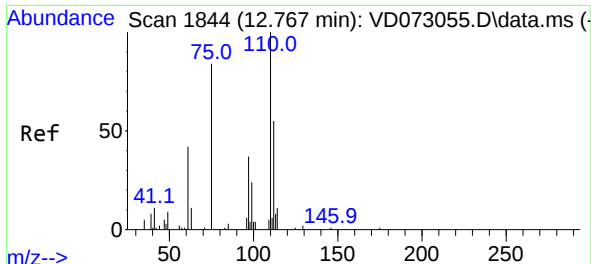
Tgt Ion:117 Resp: 590511
Ion Ratio Lower Upper
117 100
82 53.4 45.3 67.9
119 32.1 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073100.D
Acq: 18 May 2022 15:45

Tgt Ion:152 Resp: 268413
Ion Ratio Lower Upper
152 100
115 61.1 31.3 93.8
150 158.4 0.0 348.6

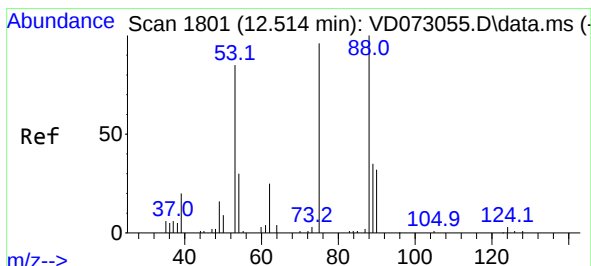
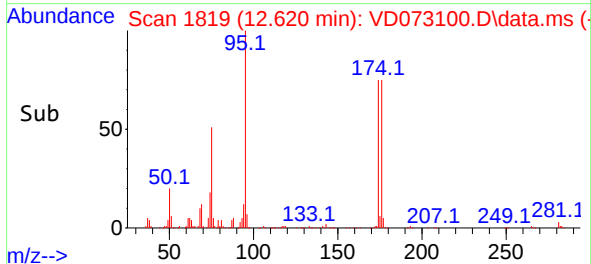
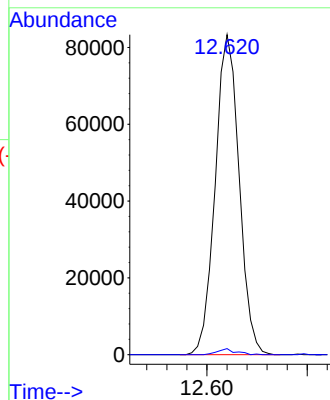
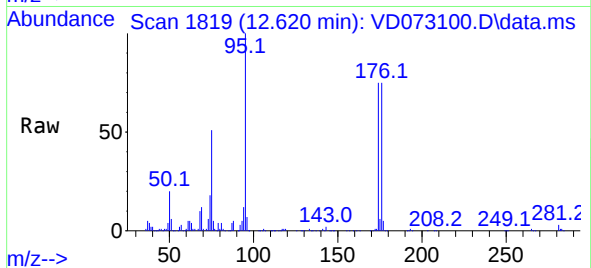




#76
1,2,3-Trichloropropane
Concen: 45.446 ug/l
RT: 12.620 min Scan# 1789
Delta R.T. -0.147 min
Lab File: VD073100.D
Acq: 18 May 2022 15:45

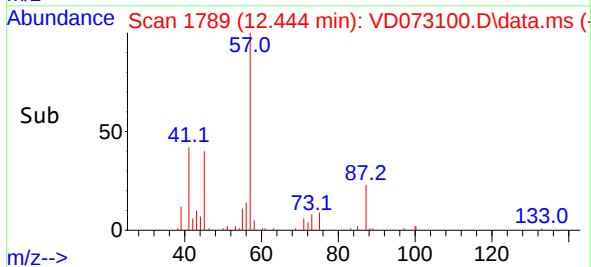
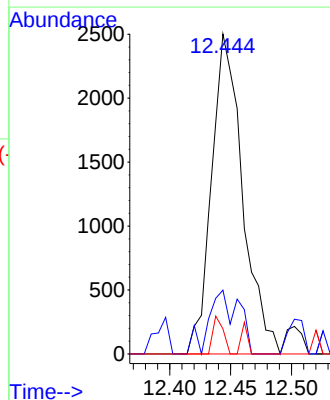
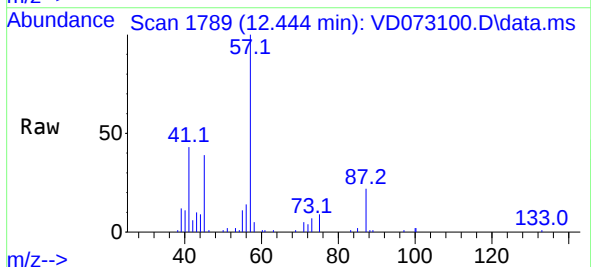
Instrument :
MSVOA_D
ClientSampleId :
SB01

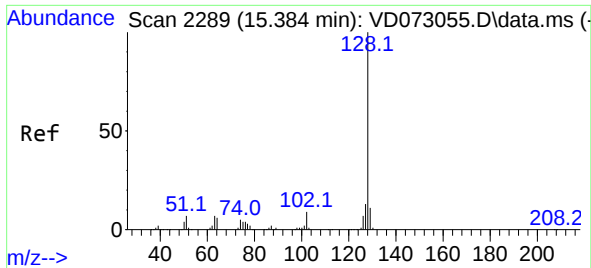
Tgt Ion: 75 Resp: 137893
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 3.503 ug/l
RT: 12.444 min Scan# 1789
Delta R.T. -0.070 min
Lab File: VD073100.D
Acq: 18 May 2022 15:45

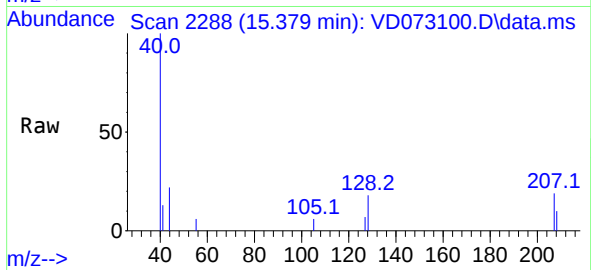
Tgt Ion: 75 Resp: 4433
Ion Ratio Lower Upper
75 100
53 19.4 86.5 129.7#
89 3.9 33.9 50.9#





#95
Naphthalene
Concen: 4.359 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD073100.D
Acq: 18 May 2022 15:45

Instrument :
MSVOA_D
ClientSampleId :
SB01



Tgt Ion:128 Resp: 1126
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 0.0 8.4 12.6#

