

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052522\
 Data File : VD073372.D
 Acq On : 25 May 2022 20:44
 Operator : VA/SY
 Sample : N2886-16
 Misc : 4.56G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS007-0006-01

Quant Time: May 26 02:27:03 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)

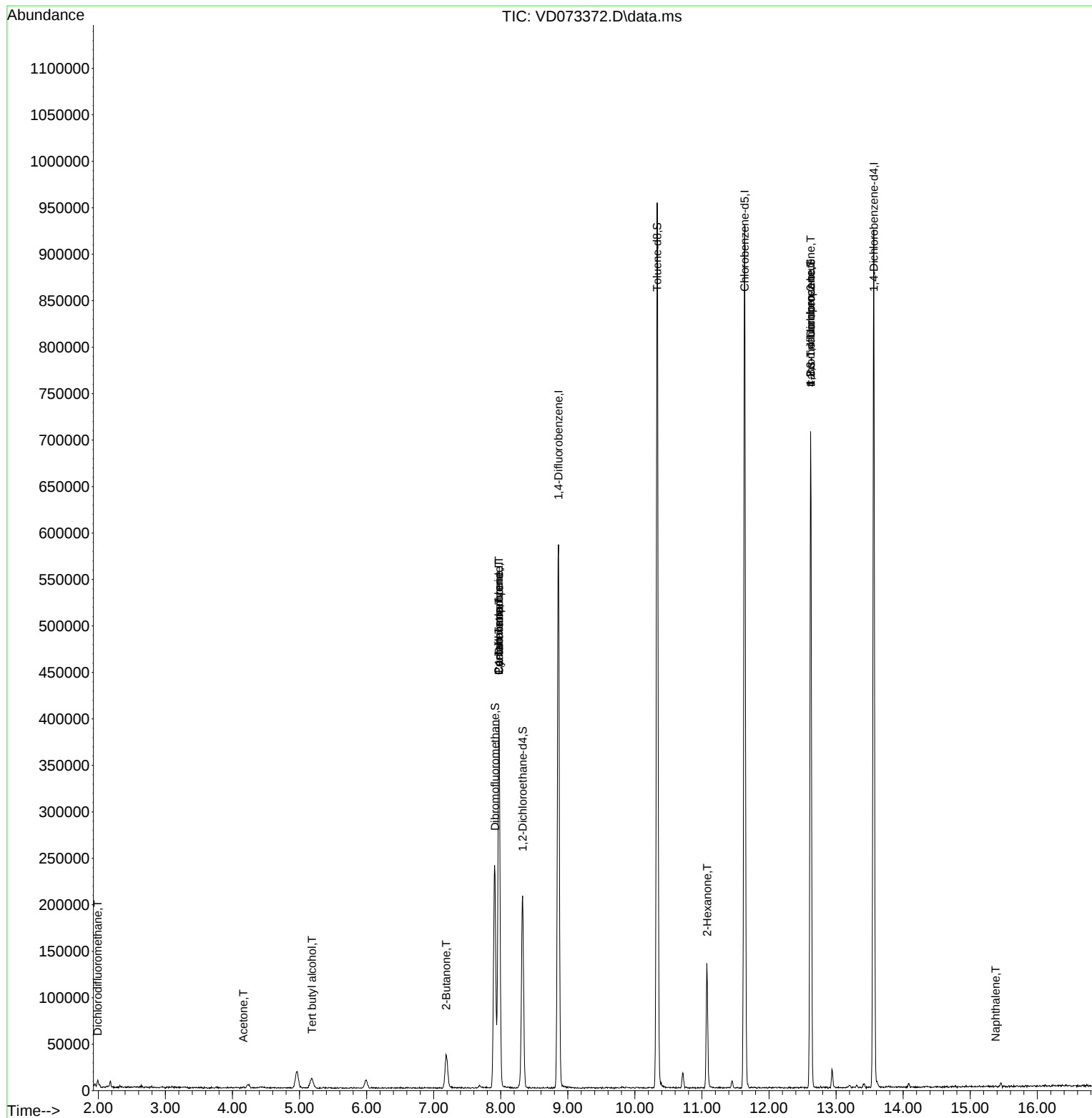
Internal Standards						
1) Pentafluorobenzene	7.973	168	286359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	505308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	539731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	240102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	163306	51.603	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.200%	
35) Dibromofluoromethane	7.914	113	174798	52.423	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.840%	
50) Toluene-d8	10.332	98	631051	51.341	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.680%	
62) 4-Bromofluorobenzene	12.620	95	229977	53.315	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.640%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	5211	1.821	ug/l	99
5) Bromomethane	2.768	94	112	Below Cal		85
11) Tert butyl alcohol	5.185	59	9824	20.008	ug/l #	74
16) Acetone	4.162	43	1405	2.563	ug/l #	80
25) 2-Butanone	7.185	43	2065	2.575	ug/l #	52
31) Cyclohexane	7.973	56	6630	1.199	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	24728	4.931	ug/l #	52
38) Carbon Tetrachloride	7.973	117	29776	5.858	ug/l #	17
59) 2-Hexanone	11.079	43	1461	1.165	ug/l #	33
76) 1,2,3-Trichloropropane	12.620	75	114136	48.449	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	114136	116.310	ug/l #	7
95) Naphthalene	15.379	128	181	3.563	ug/l #	70

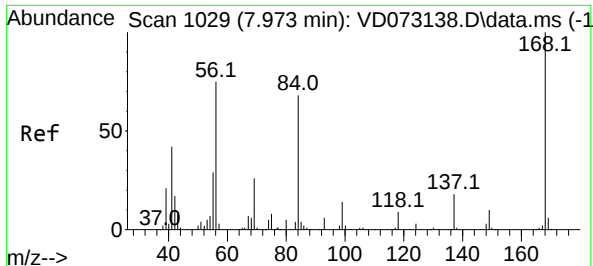
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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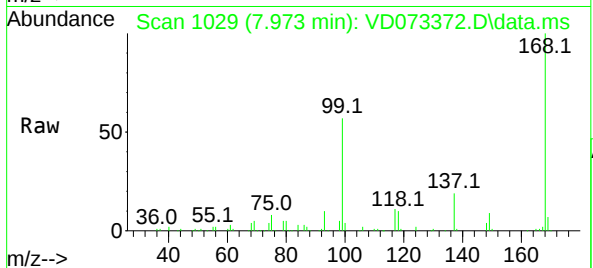
Quant Time: May 26 02:27:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
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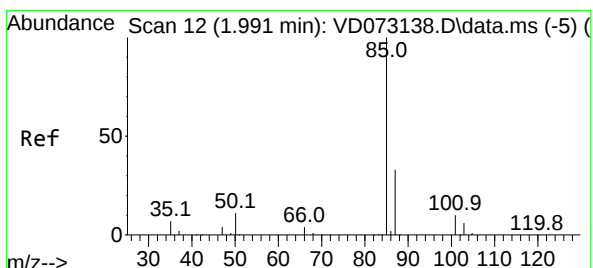
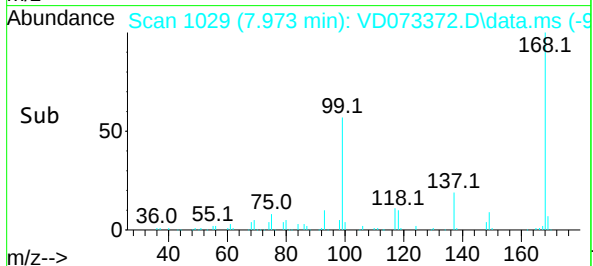
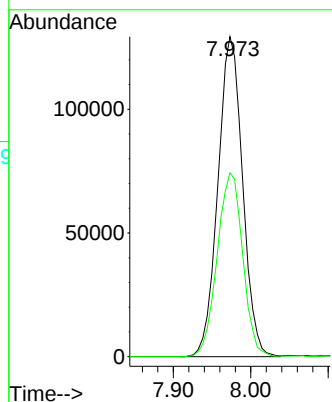


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073372.D
Acq: 25 May 2022 20:44

Instrument :
MSVOA_D
ClientSampleId :
P021-SS007-0006-01

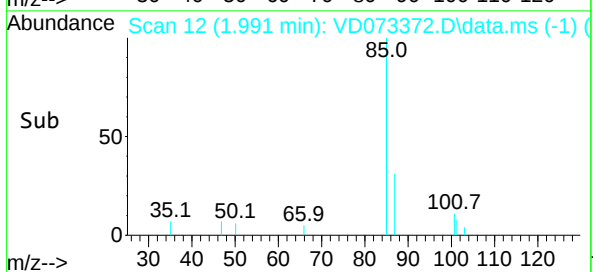
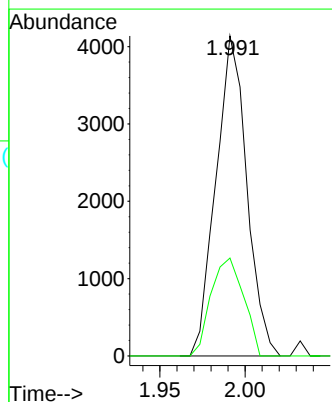
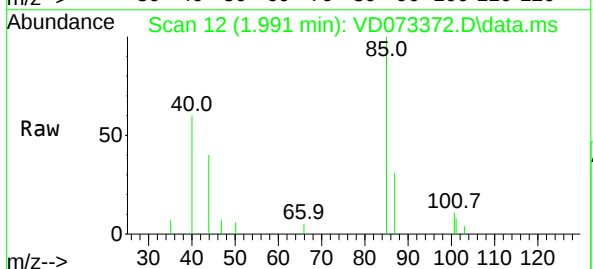


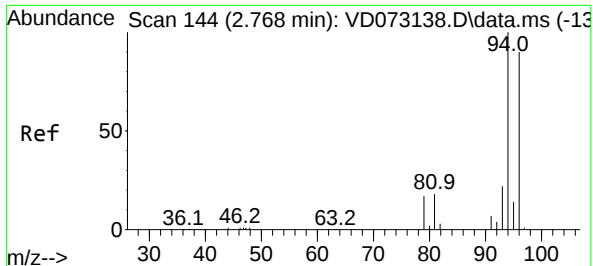
Tgt Ion:168 Resp: 286359
Ion Ratio Lower Upper
168 100
99 57.4 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 1.821 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073372.D
Acq: 25 May 2022 20:44

Tgt Ion: 85 Resp: 5211
Ion Ratio Lower Upper
85 100
87 30.6 15.7 47.0

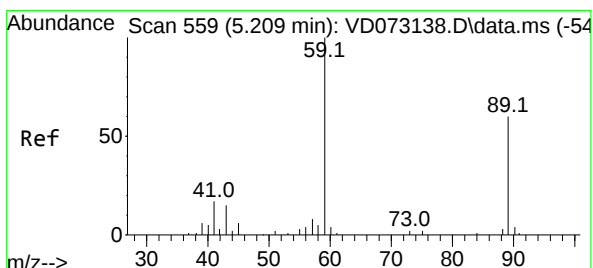
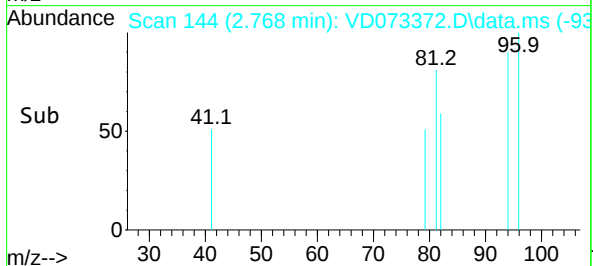
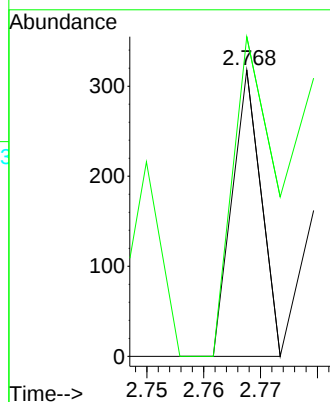
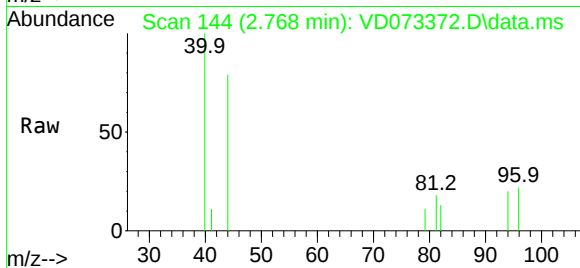




#5
Bromomethane
Concen: Below Cal
RT: 2.768 min Scan# 144
Delta R.T. -0.000 min
Lab File: VD073372.D
Acq: 25 May 2022 20:44

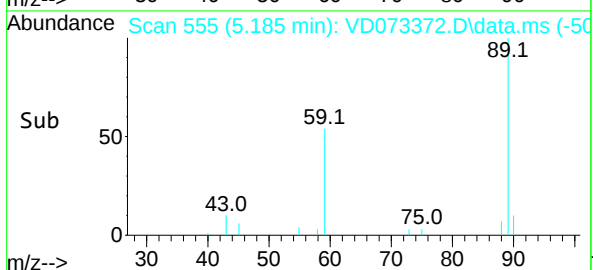
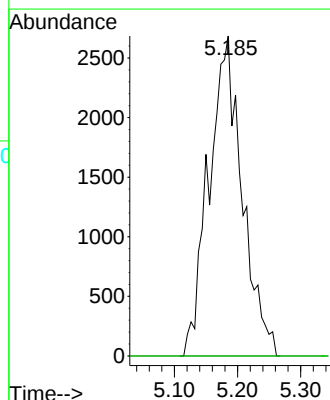
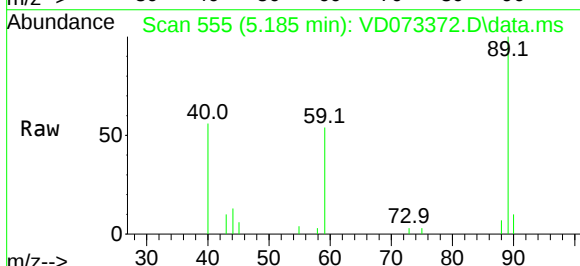
Instrument :
MSVOA_D
ClientSampleId :
P021-SS007-0006-01

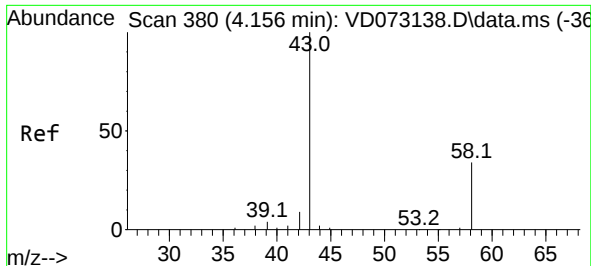
Tgt Ion: 94 Resp: 112
Ion Ratio Lower Upper
94 100
96 111.6 77.6 116.4



#11
Tert butyl alcohol
Concen: 20.008 ug/l
RT: 5.185 min Scan# 555
Delta R.T. -0.024 min
Lab File: VD073372.D
Acq: 25 May 2022 20:44

Tgt Ion: 59 Resp: 9824
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

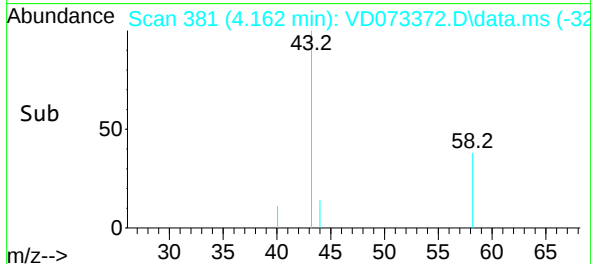
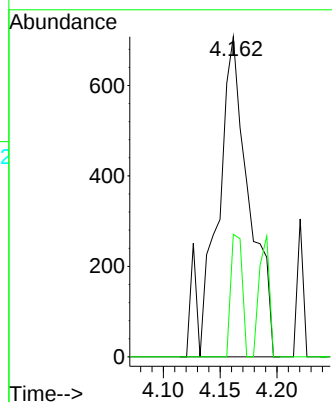
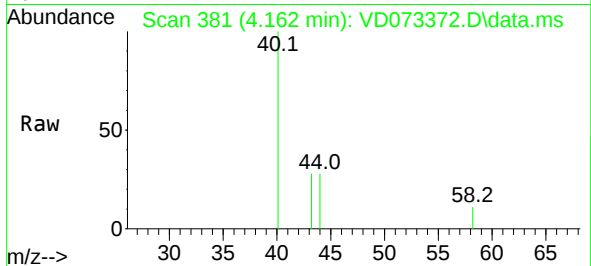




#16
Acetone
Concen: 2.563 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD073372.D
Acq: 25 May 2022 20:44

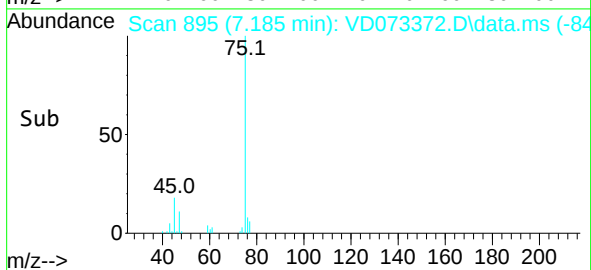
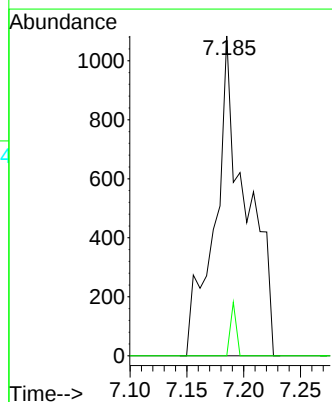
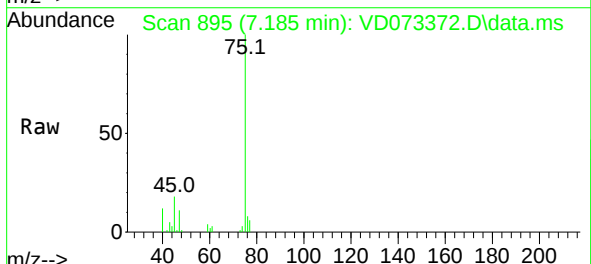
Instrument :
MSVOA_D
ClientSampleId :
P021-SS007-0006-01

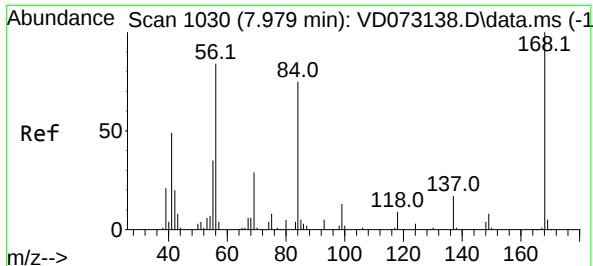
Tgt Ion: 43 Resp: 1405
Ion Ratio Lower Upper
43 100
58 38.3 22.1 33.1#



#25
2-Butanone
Concen: 2.575 ug/l
RT: 7.185 min Scan# 895
Delta R.T. -0.023 min
Lab File: VD073372.D
Acq: 25 May 2022 20:44

Tgt Ion: 43 Resp: 2065
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#





#31

Cyclohexane

Concen: 1.199 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD073372.D

Acq: 25 May 2022 20:44

Instrument :

MSVOA_D

ClientSampleId :

P021-SS007-0006-01

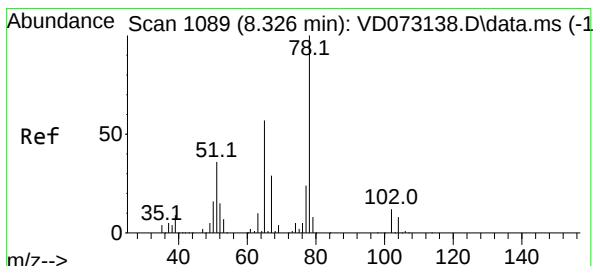
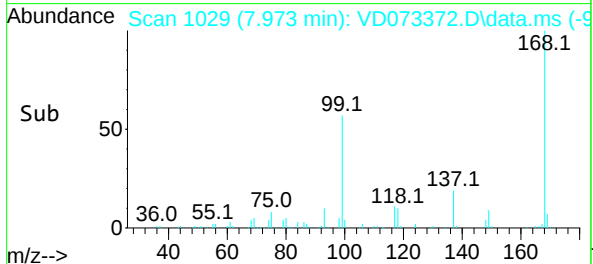
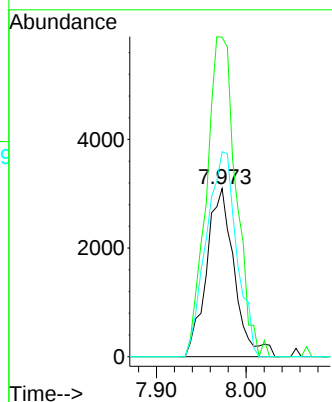
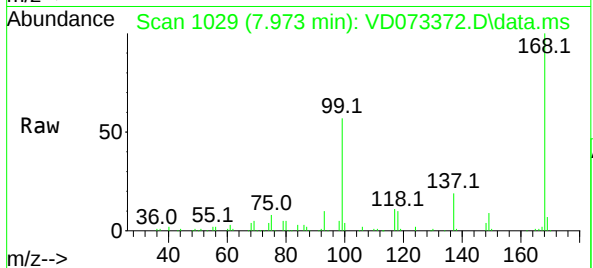
Tgt Ion: 56 Resp: 6630

Ion Ratio Lower Upper

56 100

69 189.8 25.4 38.2#

84 121.8 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 51.603 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073372.D

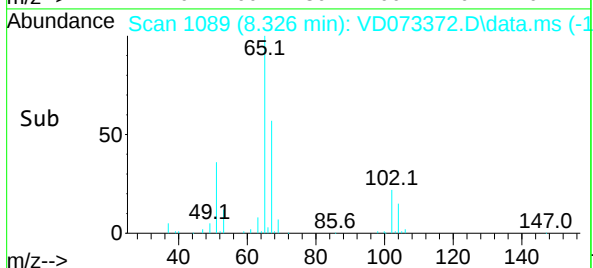
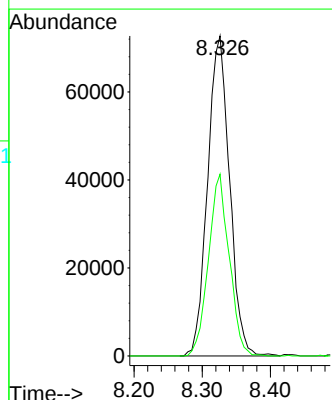
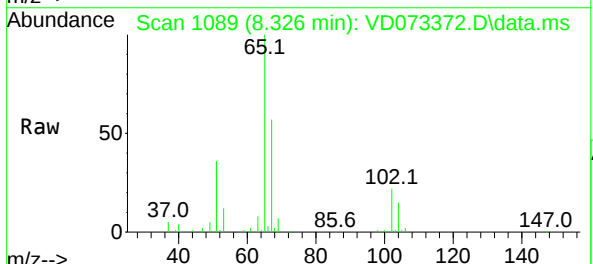
Acq: 25 May 2022 20:44

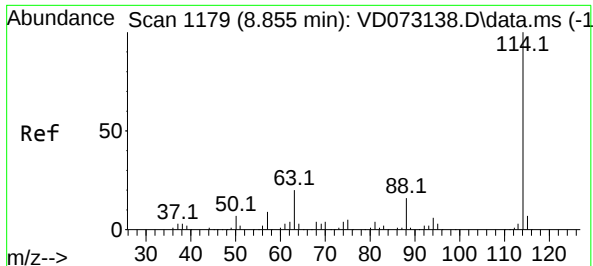
Tgt Ion: 65 Resp: 163306

Ion Ratio Lower Upper

65 100

67 53.7 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VD073372.D

Acq: 25 May 2022 20:44

Instrument :

MSVOA_D

ClientSampleId :

P021-SS007-0006-01

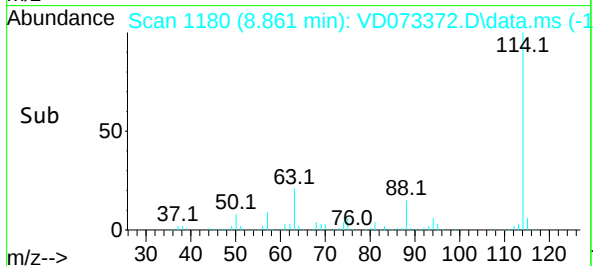
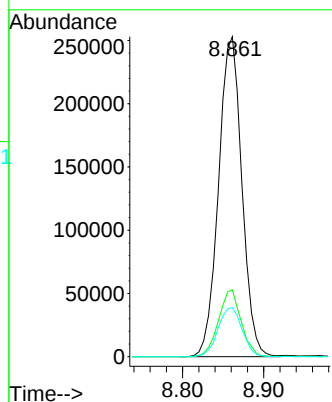
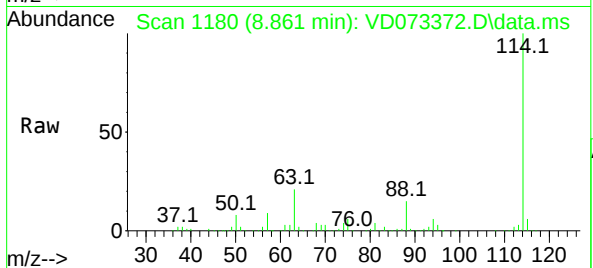
Tgt Ion:114 Resp: 505308

Ion Ratio Lower Upper

114 100

63 20.9 0.0 46.6

88 15.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 52.423 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD073372.D

Acq: 25 May 2022 20:44

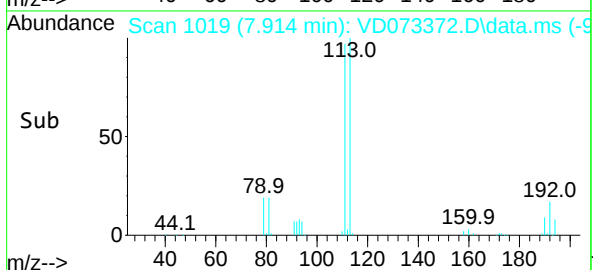
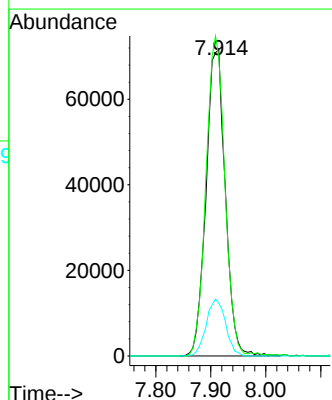
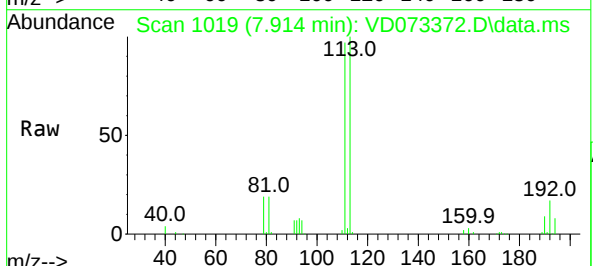
Tgt Ion:113 Resp: 174798

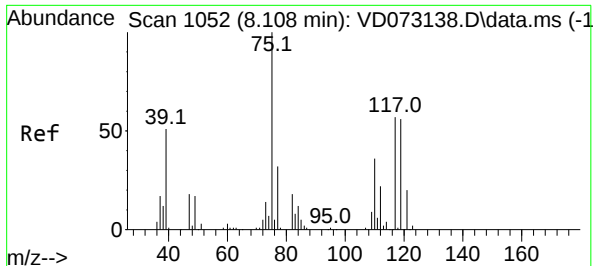
Ion Ratio Lower Upper

113 100

111 101.5 83.8 125.6

192 18.5 14.6 21.8

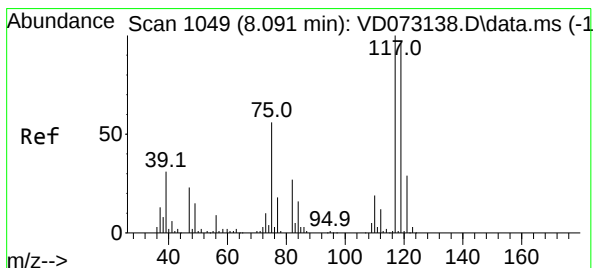
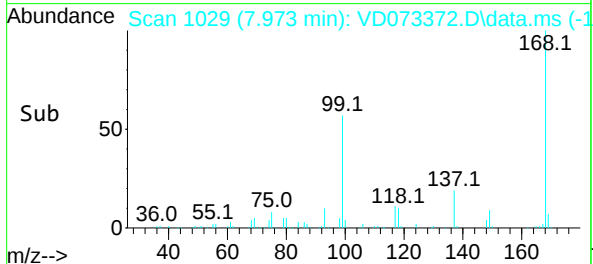
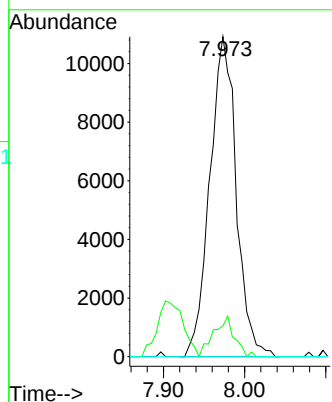
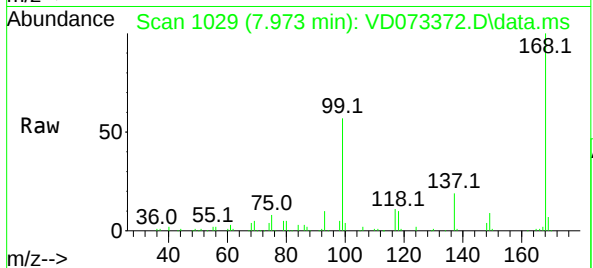




#36
1,1-Dichloropropene
Concen: 4.931 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD073372.D
Acq: 25 May 2022 20:44

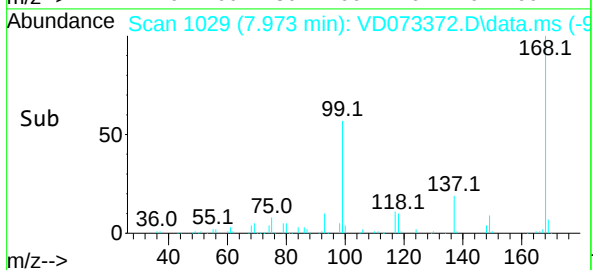
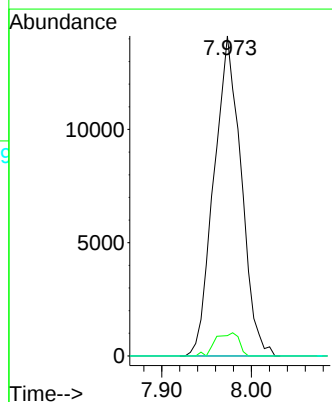
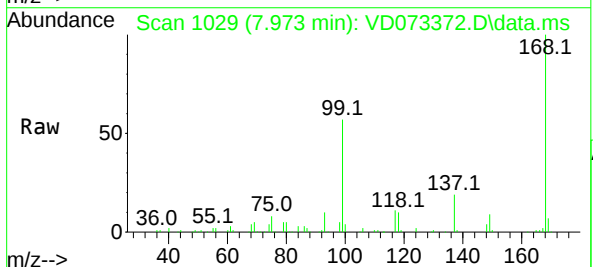
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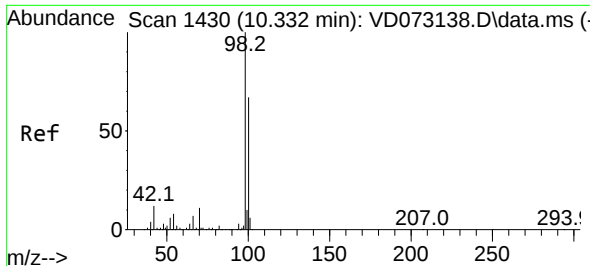
Tgt Ion: 75 Resp: 24728
Ion Ratio Lower Upper
75 100
110 9.9 16.4 49.1#
77 0.0 24.2 36.2#



#38
Carbon Tetrachloride
Concen: 5.858 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD073372.D
Acq: 25 May 2022 20:44

Tgt Ion: 117 Resp: 29776
Ion Ratio Lower Upper
117 100
119 6.3 75.8 113.6#
121 0.0 24.5 36.7#

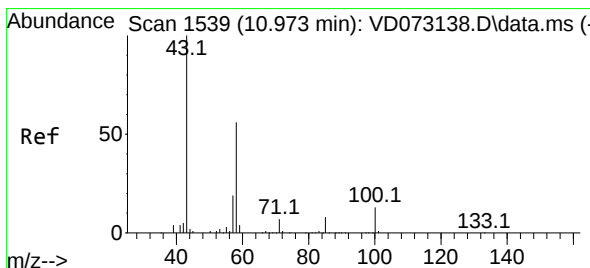
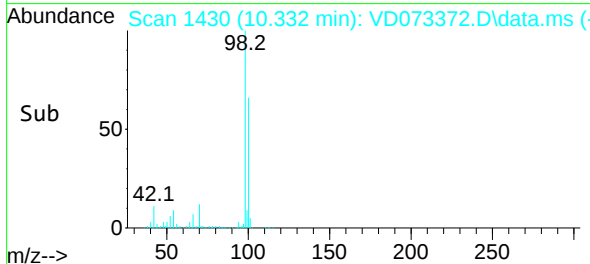
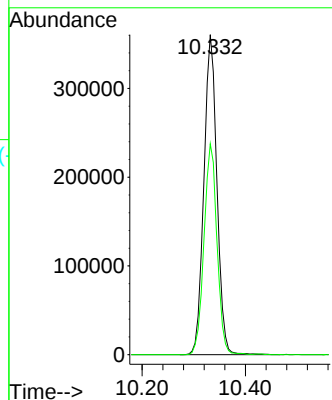
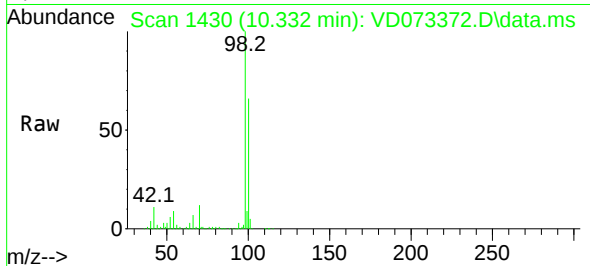




#50
Toluene-d8
Concen: 51.341 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073372.D
Acq: 25 May 2022 20:44

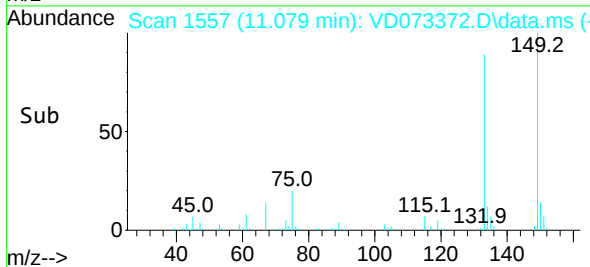
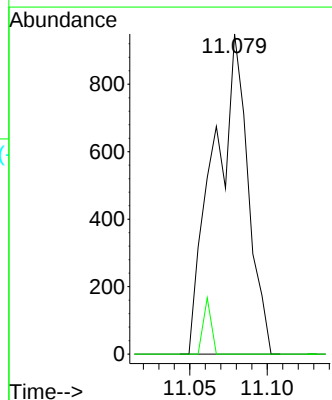
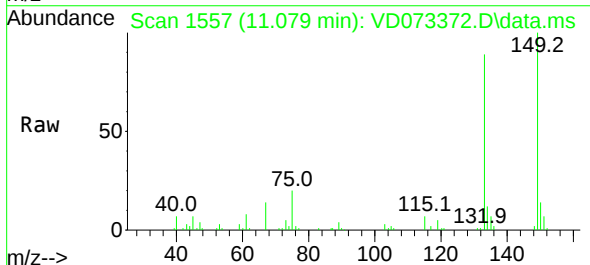
Instrument :
MSVOA_D
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P021-SS007-0006-01

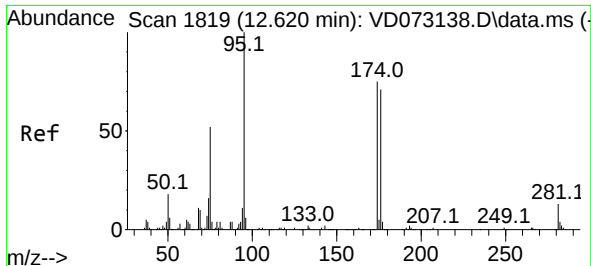
Tgt Ion: 98 Resp: 631051
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#59
2-Hexanone
Concen: 1.165 ug/l
RT: 11.079 min Scan# 1557
Delta R.T. 0.106 min
Lab File: VD073372.D
Acq: 25 May 2022 20:44

Tgt Ion: 43 Resp: 1461
Ion Ratio Lower Upper
43 100
58 4.0 25.3 75.9#

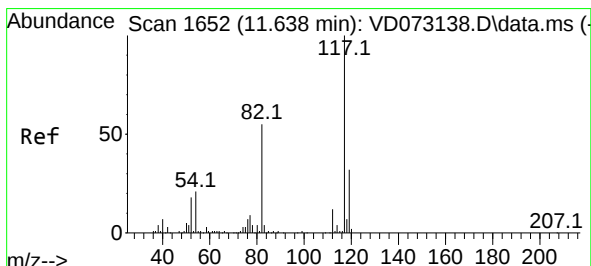
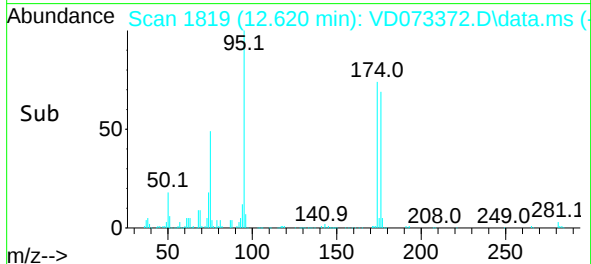
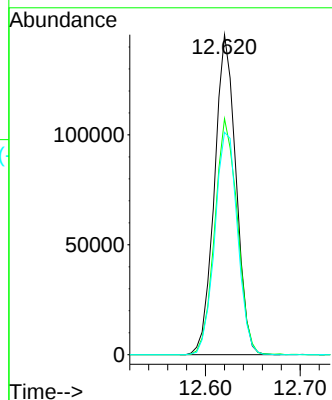
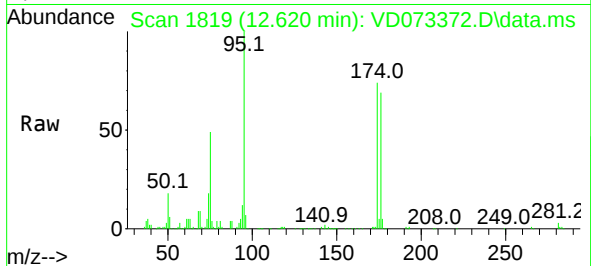




#62
4-Bromofluorobenzene
Concen: 53.315 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073372.D
Acq: 25 May 2022 20:44

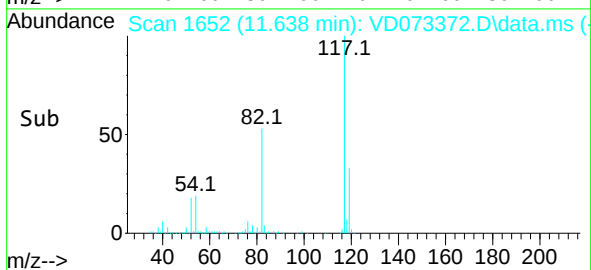
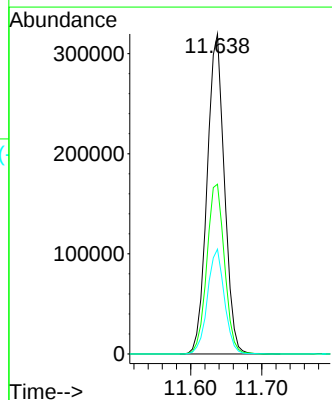
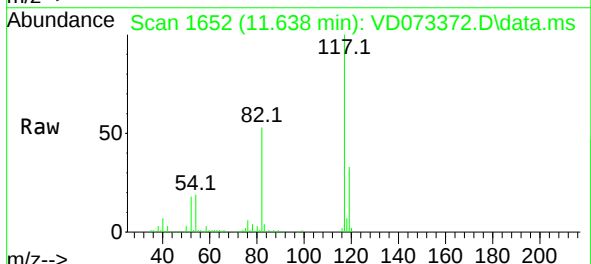
Instrument :
MSVOA_D
ClientSampleId :
P021-SS007-0006-01

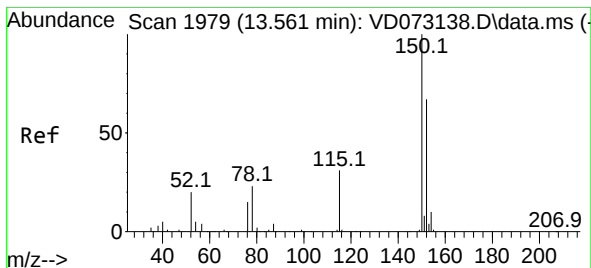
Tgt Ion: 95 Resp: 229977
Ion Ratio Lower Upper
95 100
174 77.3 0.0 152.8
176 73.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073372.D
Acq: 25 May 2022 20:44

Tgt Ion: 117 Resp: 539731
Ion Ratio Lower Upper
117 100
82 53.0 45.3 67.9
119 32.8 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: VD073372.D

Acq: 25 May 2022 20:44

Instrument :

MSVOA_D

ClientSampleId :

P021-SS007-0006-01

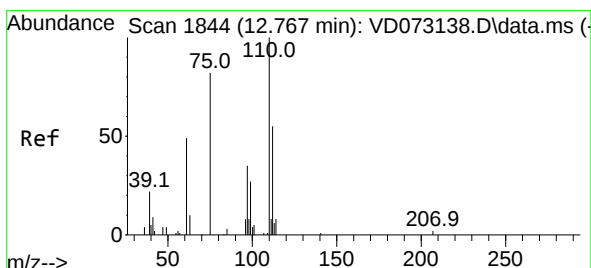
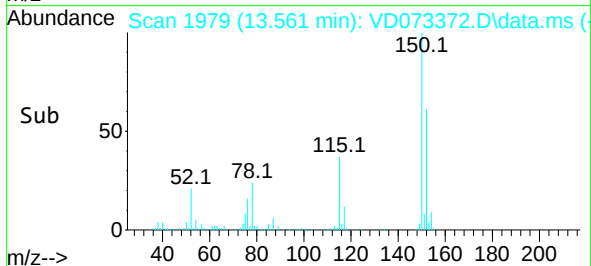
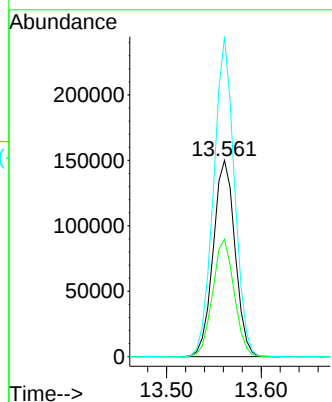
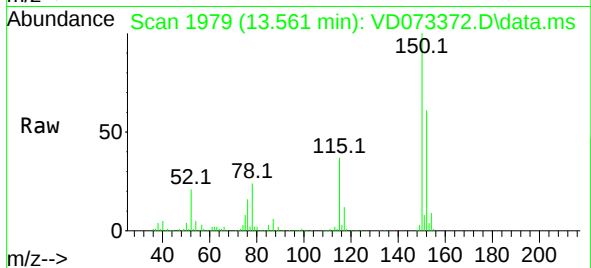
Tgt Ion:152 Resp: 240102

Ion Ratio Lower Upper

152 100

115 59.0 31.3 93.8

150 155.4 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 48.449 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.147 min

Lab File: VD073372.D

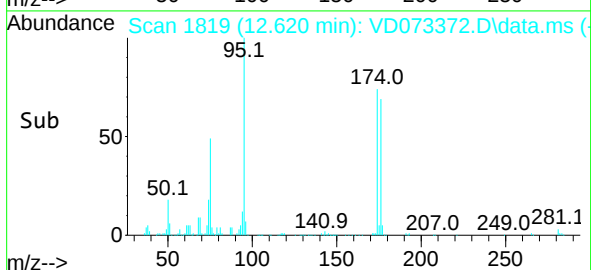
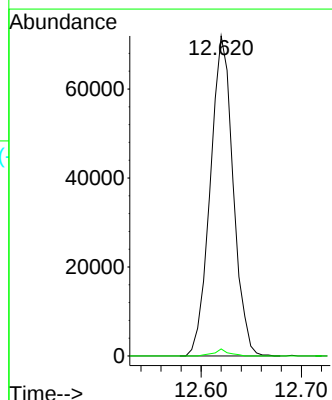
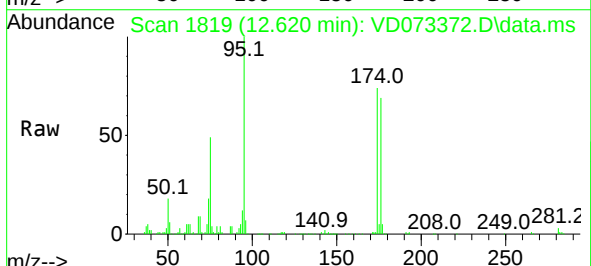
Acq: 25 May 2022 20:44

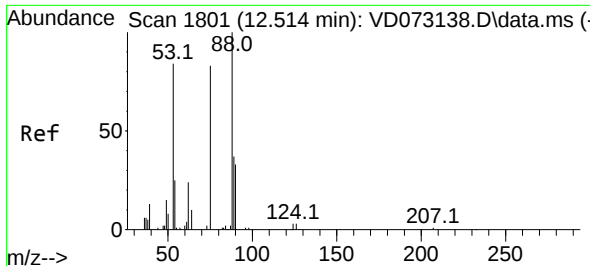
Tgt Ion: 75 Resp: 114136

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#

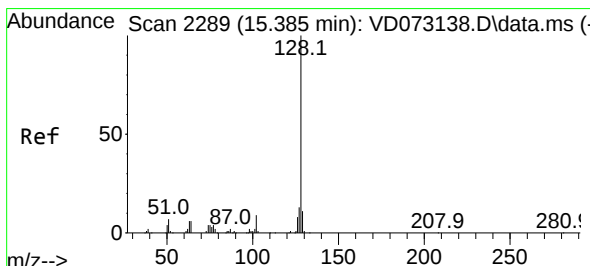
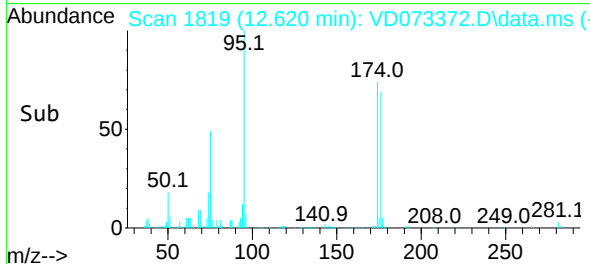
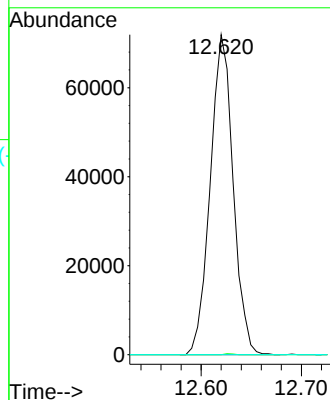
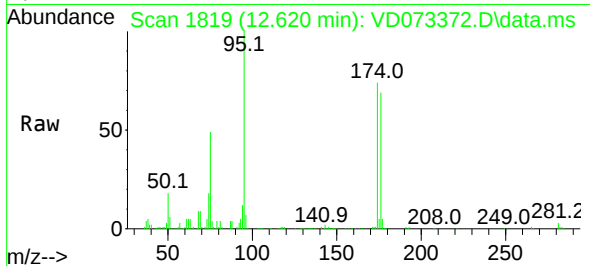




#81
trans-1,4-Dichloro-2-butene
Concen: 116.310 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD073372.D
Acq: 25 May 2022 20:44

Instrument :
MSVOA_D
ClientSampleId :
P021-SS007-0006-01

Tgt Ion: 75 Resp: 114136
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 3.563 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD073372.D
Acq: 25 May 2022 20:44

Tgt Ion: 128 Resp: 181
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

