

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052522\
 Data File : VD073373.D
 Acq On : 25 May 2022 21:13
 Operator : VA/SY
 Sample : N2886-17
 Misc : 4.50G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P030-SS001-0006-01

Quant Time: May 26 02:27:14 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)

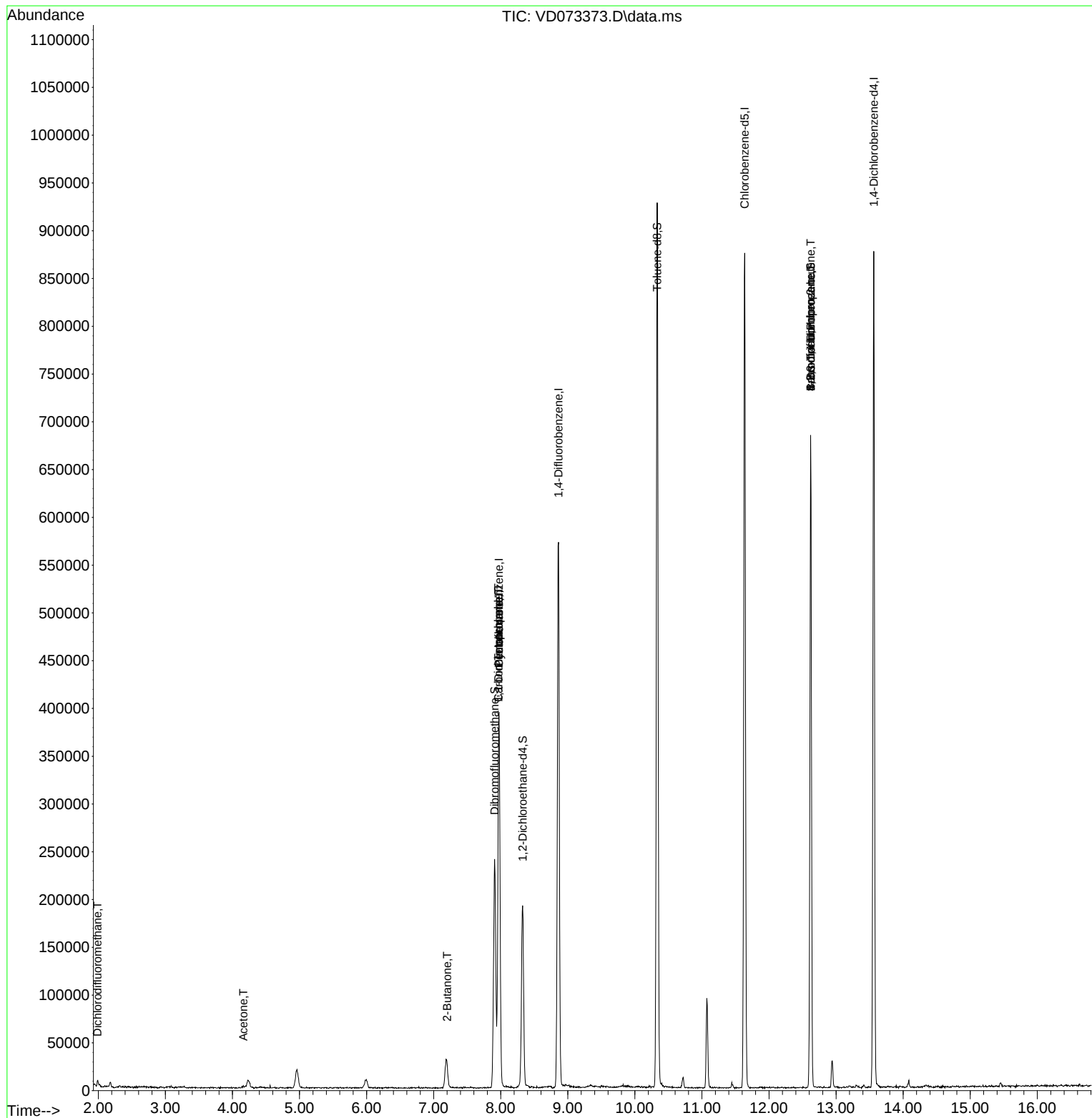
Internal Standards						
1) Pentafluorobenzene	7.973	168	285961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	498484	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	523418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	232686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	152507	48.258	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.520%
35) Dibromofluoromethane	7.909	113	172718	52.509	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.020%
50) Toluene-d8	10.332	98	619617	51.101	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.200%
62) 4-Bromofluorobenzene	12.620	95	217186	51.039	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.080%
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.985	85	4998	1.749	ug/l	89
5) Bromomethane	2.779	94	388	Below Cal	#	50
16) Acetone	4.162	43	3147	5.749	ug/l #	73
25) 2-Butanone	7.203	43	884	1.104	ug/l #	52
31) Cyclohexane	7.973	56	6749	1.222	ug/l #	1
36) 1,1-Dichloropropene	7.967	75	23159	4.681	ug/l #	52
38) Carbon Tetrachloride	7.967	117	31325	6.247	ug/l #	16
71) Bromoform	12.620	173	2104	1.027	ug/l #	29
76) 1,2,3-Trichloropropane	12.620	75	111404	48.796	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	111404	117.144	ug/l #	7

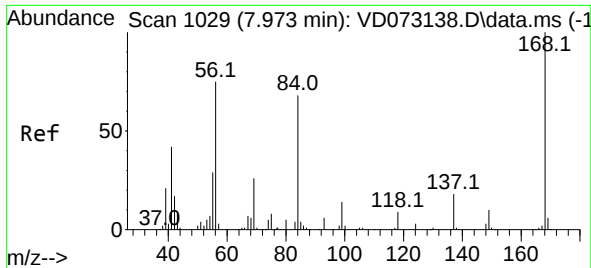
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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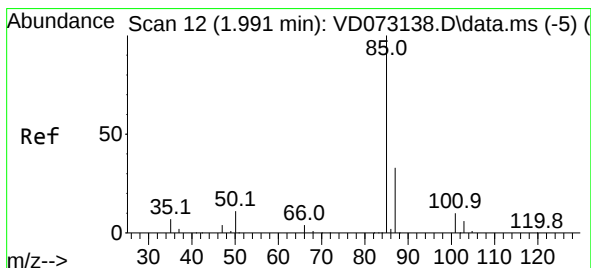
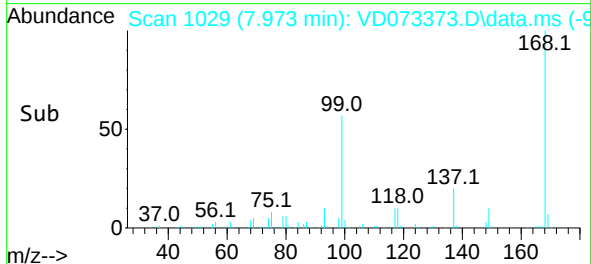
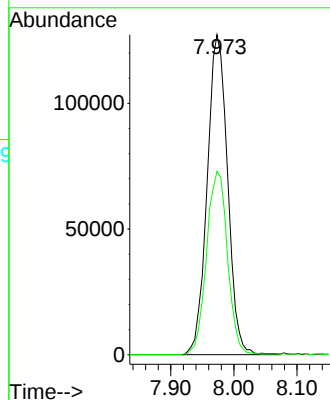
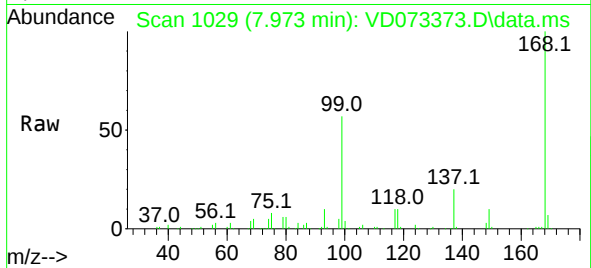




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073373.D
Acq: 25 May 2022 21:13

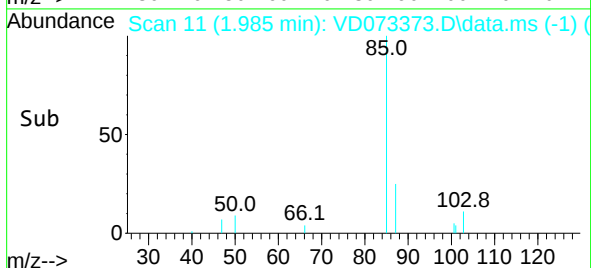
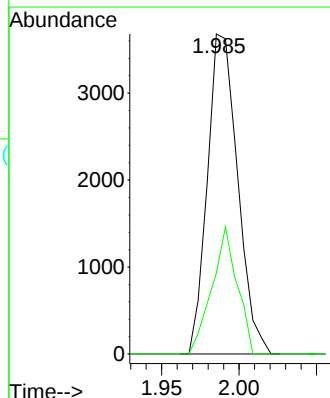
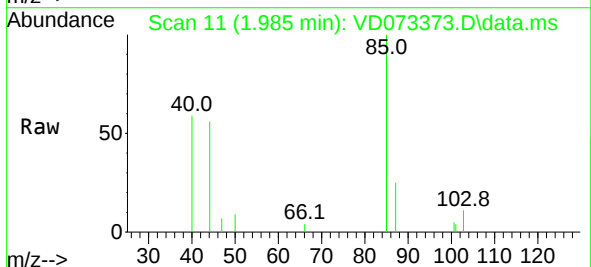
Instrument :
MSVOA_D
ClientSampleId :
P030-SS001-0006-01

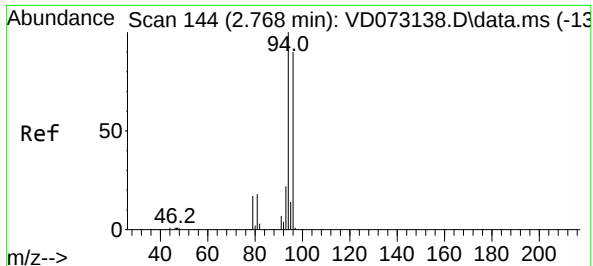
Tgt Ion:168 Resp: 285961
Ion Ratio Lower Upper
168 100
99 57.3 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 1.749 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073373.D
Acq: 25 May 2022 21:13

Tgt Ion: 85 Resp: 4998
Ion Ratio Lower Upper
85 100
87 25.3 15.7 47.0

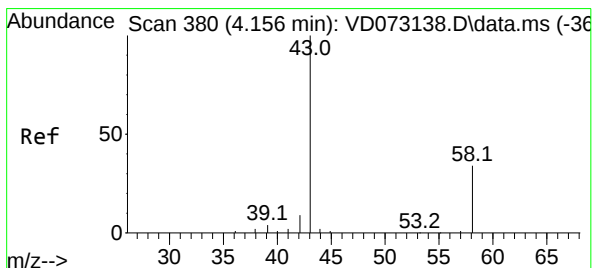
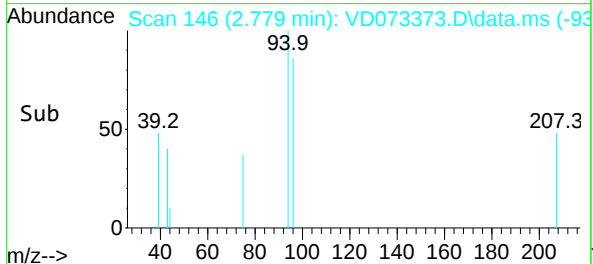
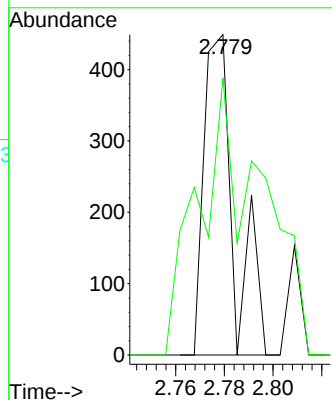
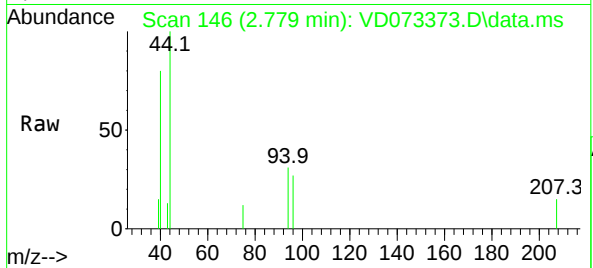




#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 144
Delta R.T. 0.011 min
Lab File: VD073373.D
Acq: 25 May 2022 21:13

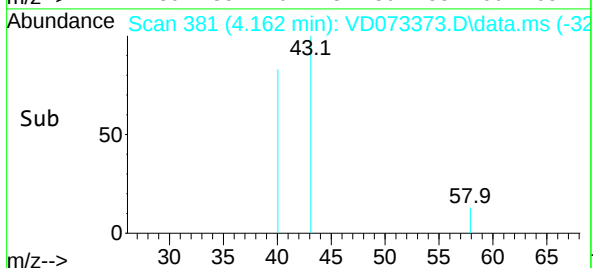
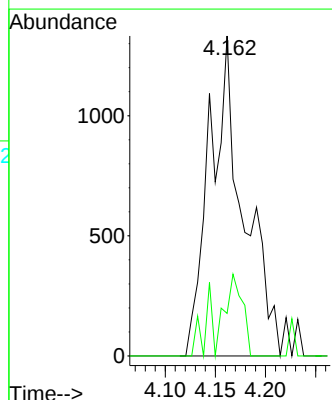
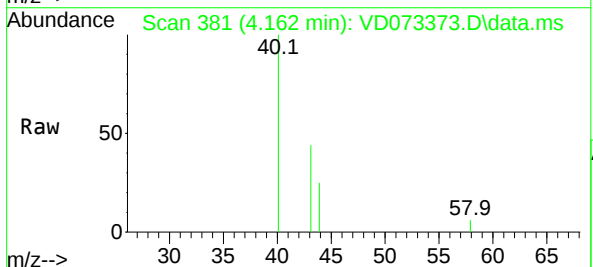
Instrument :
MSVOA_D
ClientSampleId :
P030-SS001-0006-01

Tgt Ion: 94 Resp: 388
Ion Ratio Lower Upper
94 100
96 47.7 77.6 116.4#



#16
Acetone
Concen: 5.749 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD073373.D
Acq: 25 May 2022 21:13

Tgt Ion: 43 Resp: 3147
Ion Ratio Lower Upper
43 100
58 13.3 22.1 33.1#

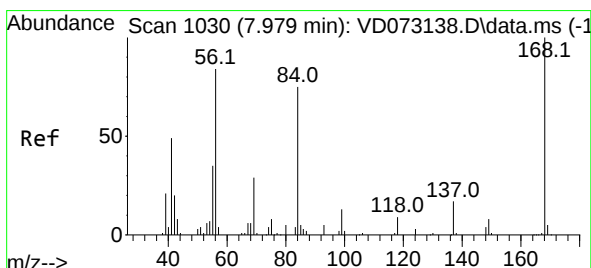
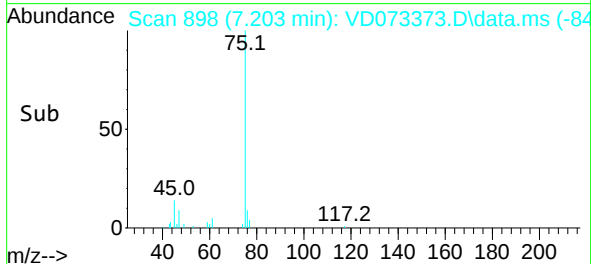
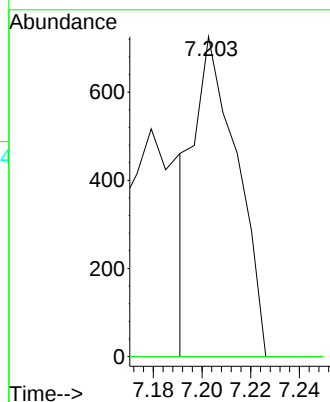
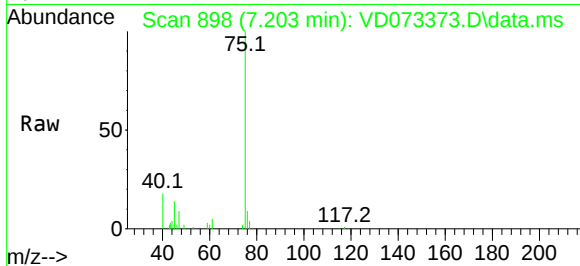




#25
2-Butanone
Concen: 1.104 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.005 min
Lab File: VD073373.D
Acq: 25 May 2022 21:13

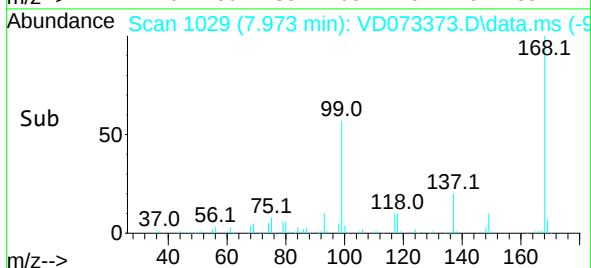
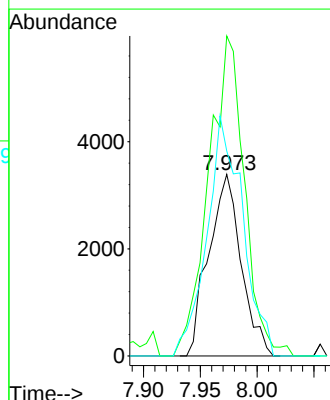
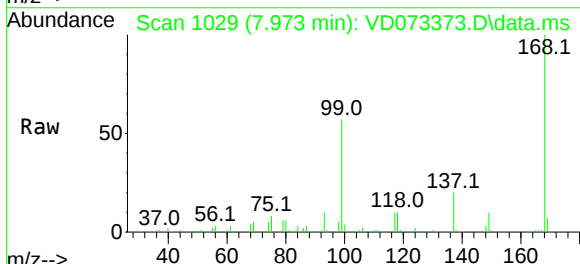
Instrument :
MSVOA_D
ClientSampleId :
P030-SS001-0006-01

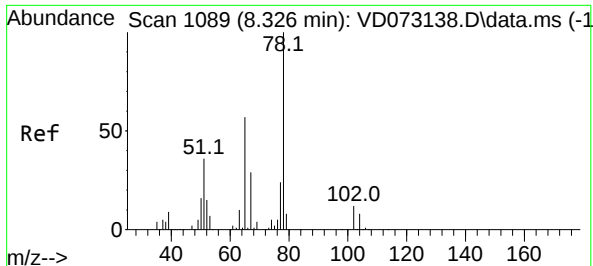
Tgt Ion: 43 Resp: 884
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.222 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073373.D
Acq: 25 May 2022 21:13

Tgt Ion: 56 Resp: 6749
Ion Ratio Lower Upper
56 100
69 171.4 25.4 38.2#
84 112.9 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 48.258 ug/l

RT: 8.326 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073373.D

Acq: 25 May 2022 21:13

Instrument :

MSVOA_D

ClientSampleId :

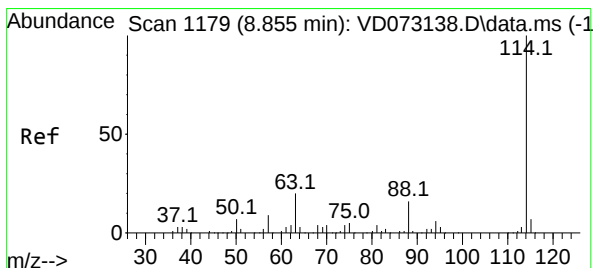
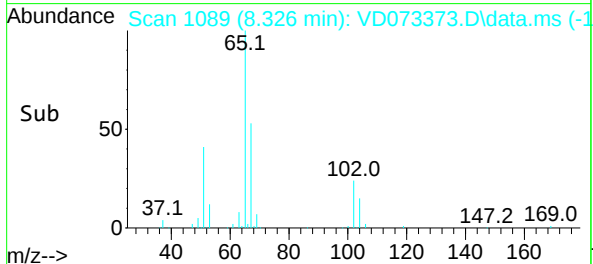
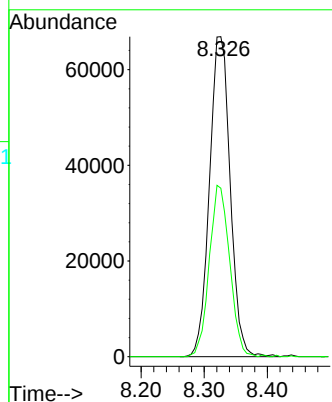
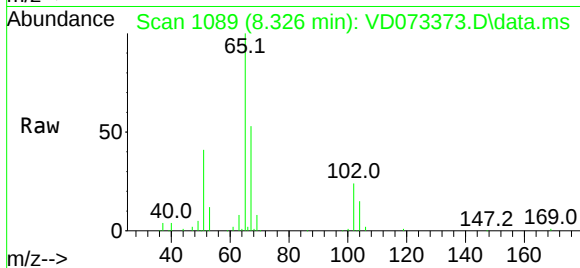
P030-SS001-0006-01

Tgt Ion: 65 Resp: 152507

Ion Ratio Lower Upper

65 100

67 52.7 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073373.D

Acq: 25 May 2022 21:13

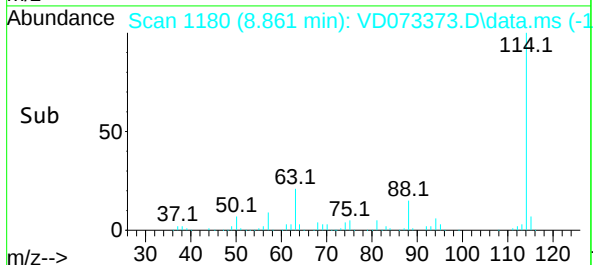
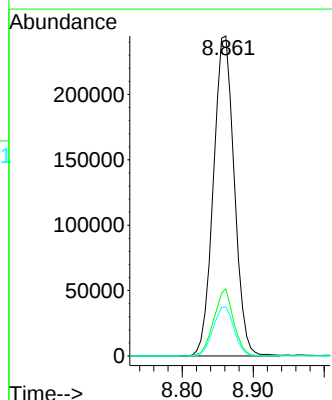
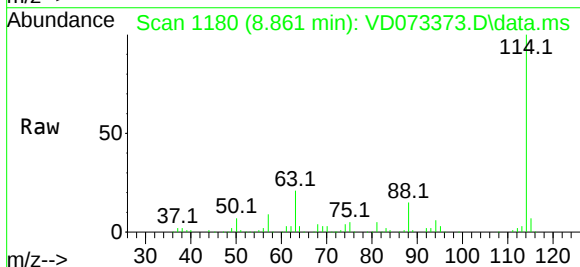
Tgt Ion: 114 Resp: 498484

Ion Ratio Lower Upper

114 100

63 21.0 0.0 46.6

88 15.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.509 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073373.D

Acq: 25 May 2022 21:13

Instrument :

MSVOA_D

ClientSampleId :

P030-SS001-0006-01

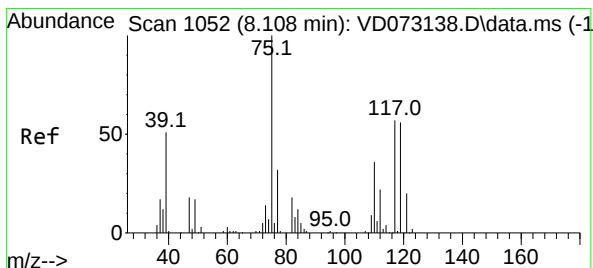
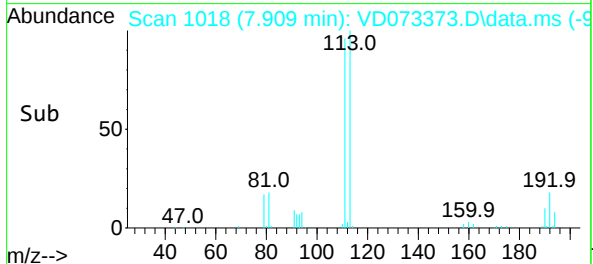
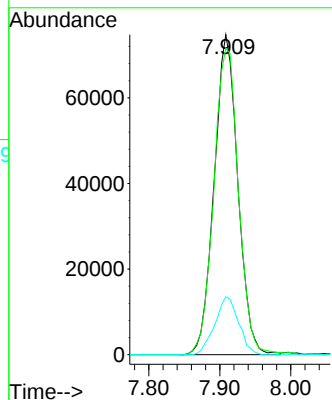
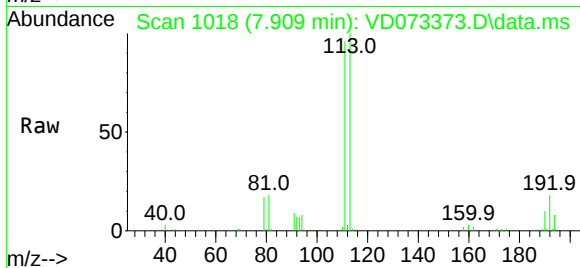
Tgt Ion:113 Resp: 172718

Ion Ratio Lower Upper

113 100

111 100.2 83.8 125.6

192 18.2 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.681 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.141 min

Lab File: VD073373.D

Acq: 25 May 2022 21:13

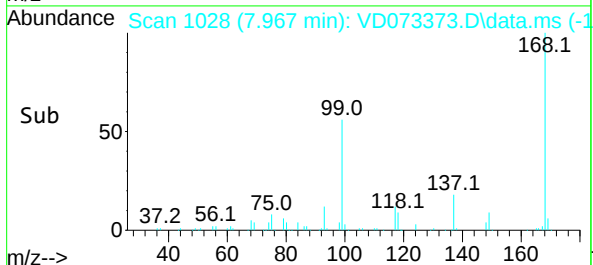
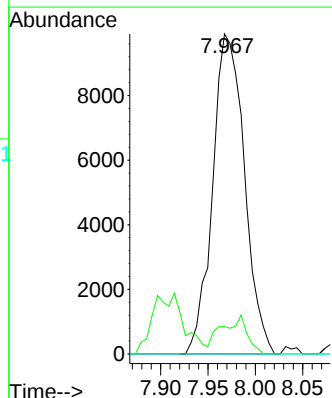
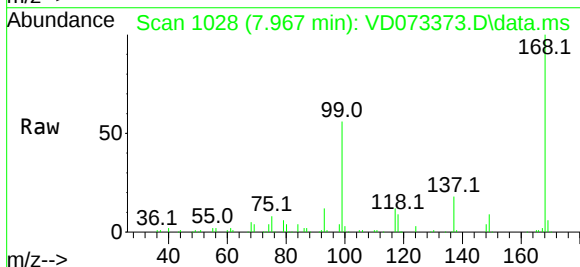
Tgt Ion: 75 Resp: 23159

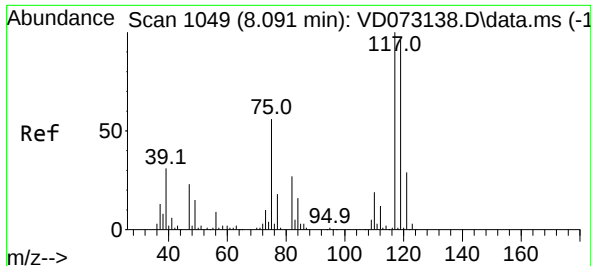
Ion Ratio Lower Upper

75 100

110 9.7 16.4 49.1#

77 0.0 24.2 36.2#

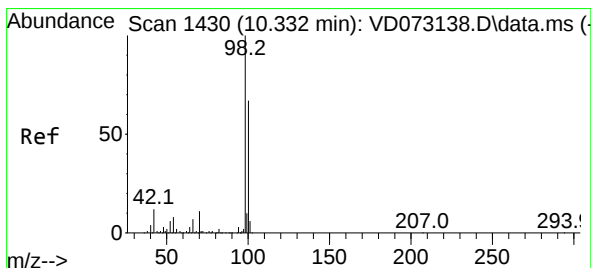
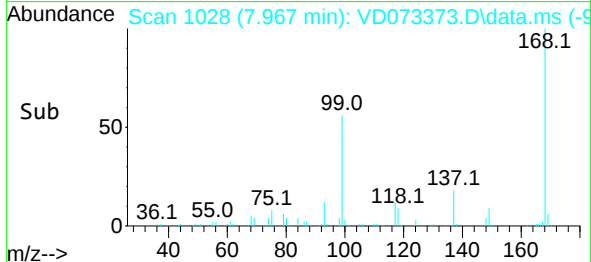
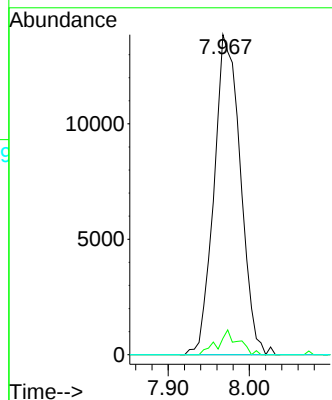
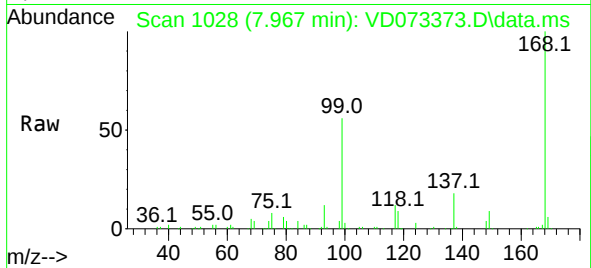




#38
Carbon Tetrachloride
Concen: 6.247 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.124 min
Lab File: VD073373.D
Acq: 25 May 2022 21:13

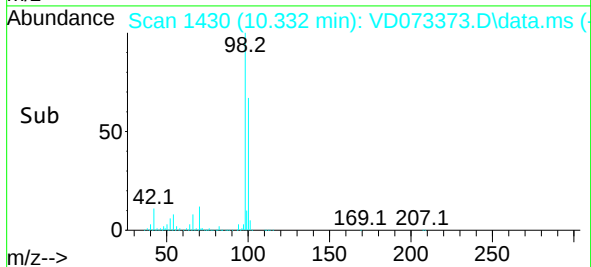
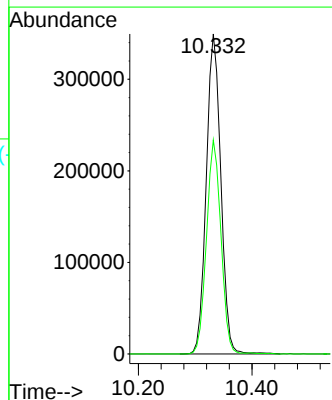
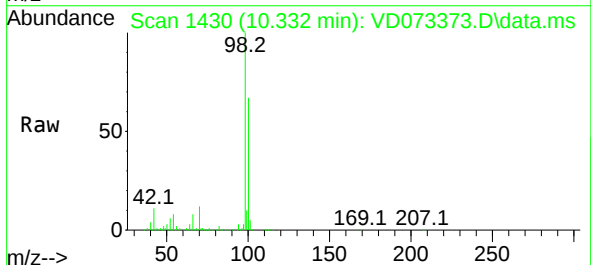
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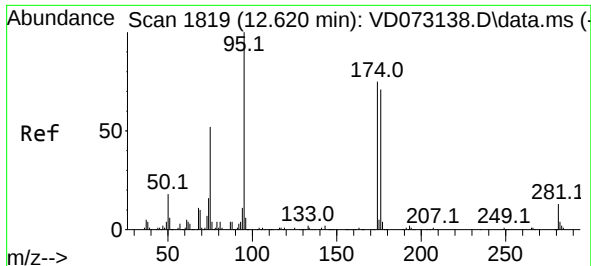
Tgt Ion:117 Resp: 31325
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 51.101 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073373.D
Acq: 25 May 2022 21:13

Tgt Ion: 98 Resp: 619617
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6

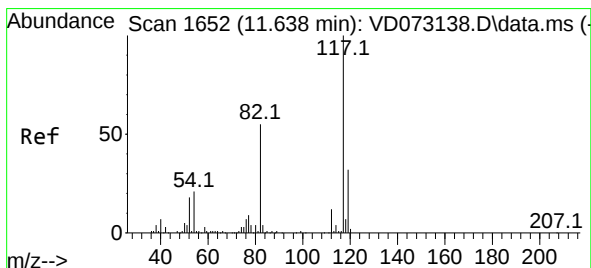
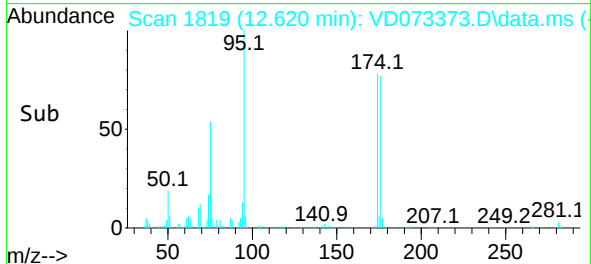
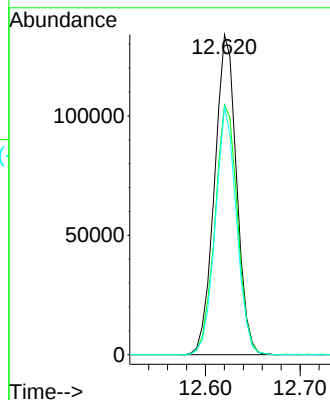
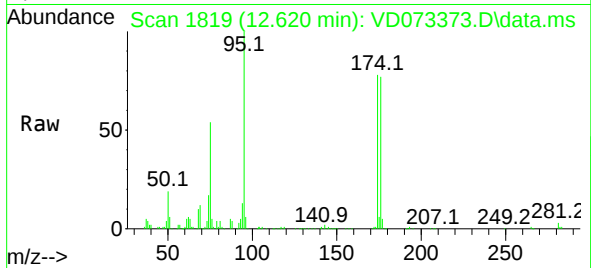




#62
4-Bromofluorobenzene
Concen: 51.039 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073373.D
Acq: 25 May 2022 21:13

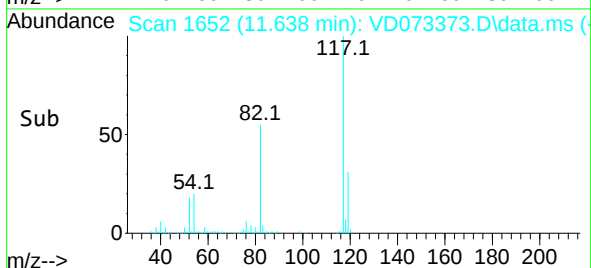
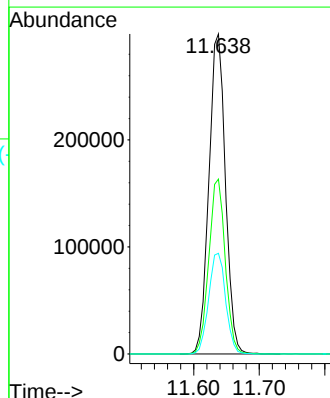
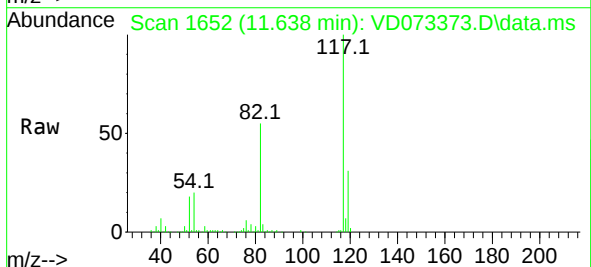
Instrument :
MSVOA_D
ClientSampleId :
P030-SS001-0006-01

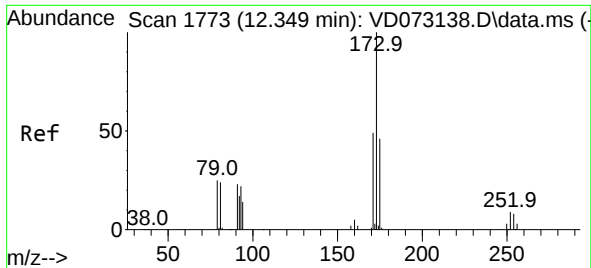
Tgt Ion: 95 Resp: 217186
Ion Ratio Lower Upper
95 100
174 79.7 0.0 152.8
176 74.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073373.D
Acq: 25 May 2022 21:13

Tgt Ion: 117 Resp: 523418
Ion Ratio Lower Upper
117 100
82 54.7 45.3 67.9
119 31.4 26.6 40.0

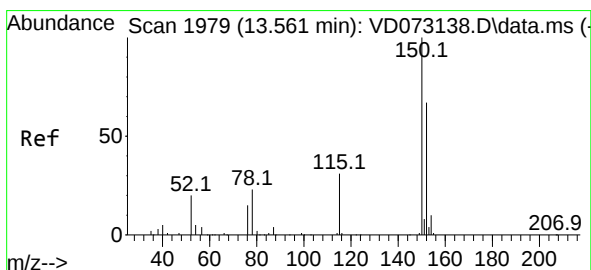
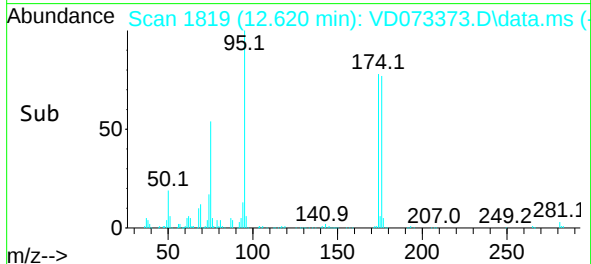
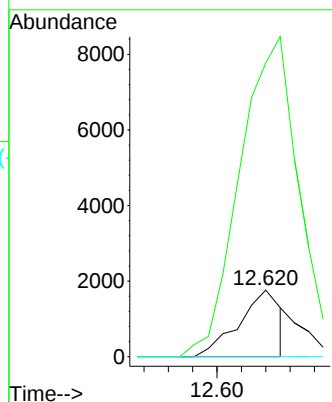
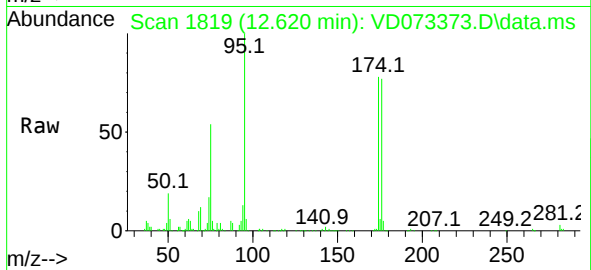




#71
Bromoform
Concen: 1.027 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.271 min
Lab File: VD073373.D
Acq: 25 May 2022 21:13

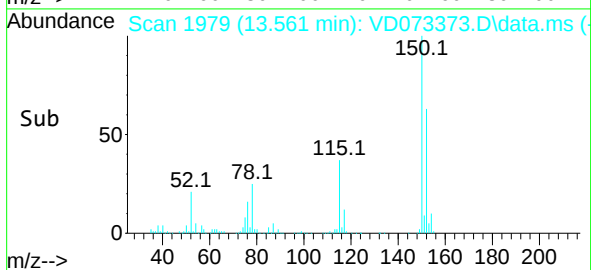
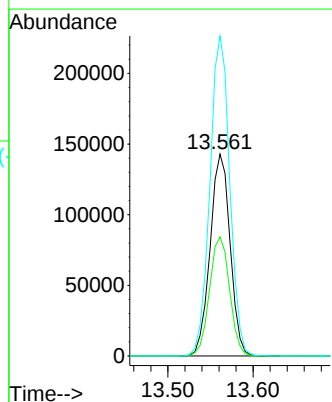
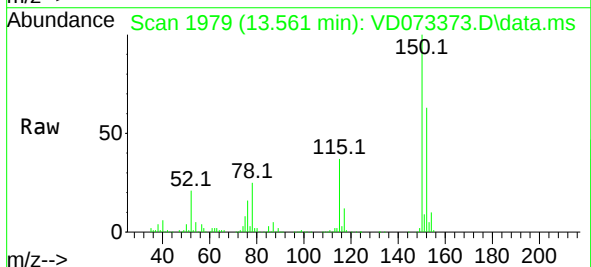
Instrument :
MSVOA_D
ClientSampleId :
P030-SS001-0006-01

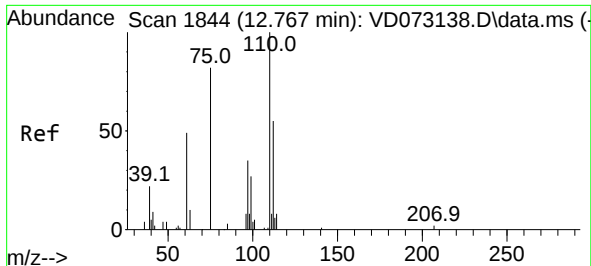
Tgt Ion:173 Resp: 2104
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073373.D
Acq: 25 May 2022 21:13

Tgt Ion:152 Resp: 232686
Ion Ratio Lower Upper
152 100
115 59.1 31.3 93.8
150 157.0 0.0 348.6

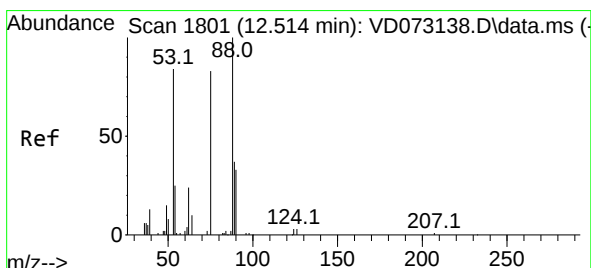
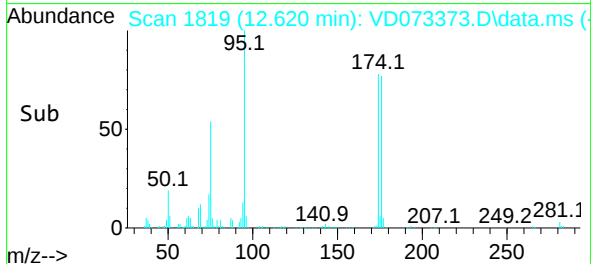
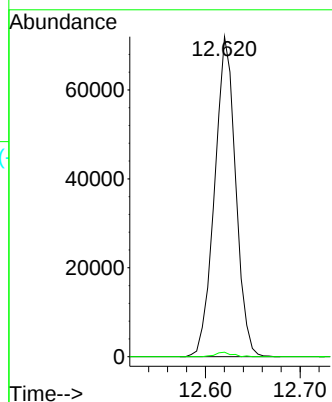
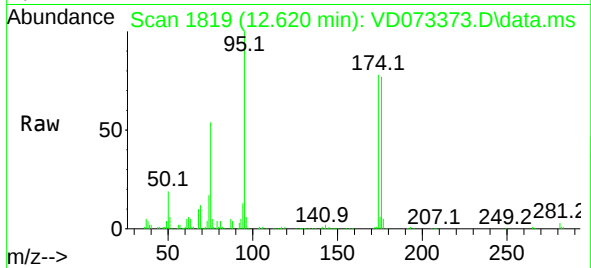




#76
1,2,3-Trichloropropane
Concen: 48.796 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073373.D
Acq: 25 May 2022 21:13

Instrument :
MSVOA_D
ClientSampleId :
P030-SS001-0006-01

Tgt Ion: 75 Resp: 111404
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 117.144 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073373.D
Acq: 25 May 2022 21:13

Tgt Ion: 75 Resp: 111404
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

