

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052522\
 Data File : VD073375.D
 Acq On : 25 May 2022 22:10
 Operator : VA/SY
 Sample : N2886-19
 Misc : 6.28G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P030-SS001-1218-01

Quant Time: May 26 02:27:34 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)

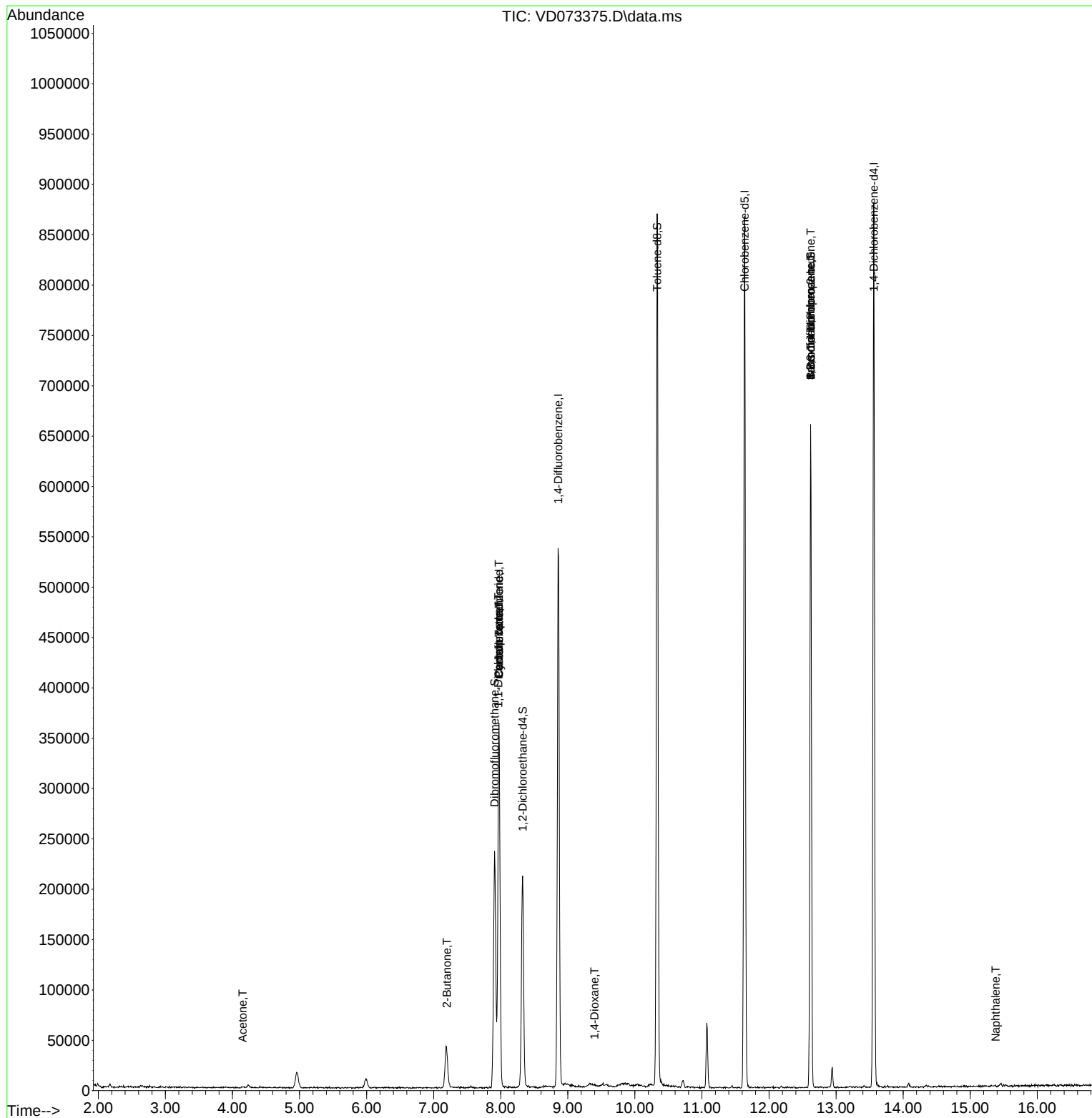
Internal Standards						
1) Pentafluorobenzene	7.973	168	260610	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	463456	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	503051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	229080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	165442	57.443	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.880%	
35) Dibromofluoromethane	7.908	113	167413	54.743	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.480%	
50) Toluene-d8	10.332	98	581997	51.626	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.260%	
62) 4-Bromofluorobenzene	12.620	95	218209	55.156	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.320%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.762	94	134	Below Cal	#	24
16) Acetone	4.150	43	1622	3.251	ug/l #	47
20) Methylene Chloride	4.967	84	12433	Below Cal	#	85
25) 2-Butanone	7.197	43	2169	2.972	ug/l #	52
31) Cyclohexane	7.973	56	6774	1.346	ug/l #	1
36) 1,1-Dichloropropene	7.967	75	21582	4.692	ug/l #	52
38) Carbon Tetrachloride	7.973	117	27482	5.894	ug/l #	17
49) 1,4-Dioxane	9.397	88	55	2.905	ug/l #	21
71) Bromoform	12.620	173	2039	1.035	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	111294	49.515	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	111294	118.871	ug/l #	7
95) Naphthalene	15.379	128	158	3.561	ug/l #	70

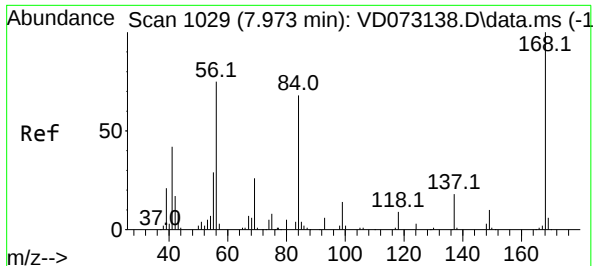
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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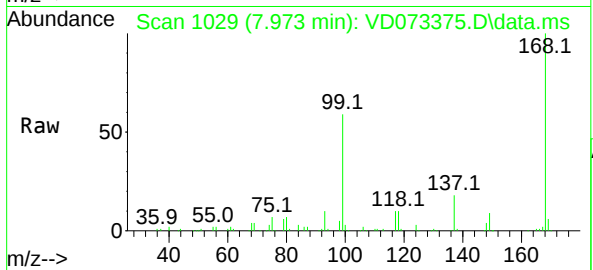
Quant Time: May 26 02:27:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
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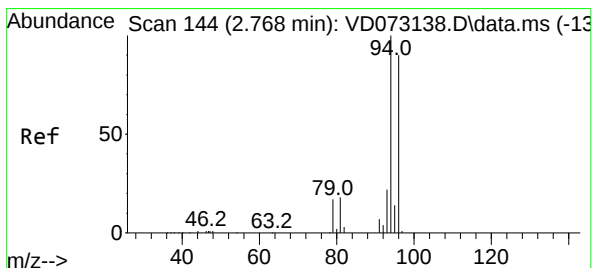
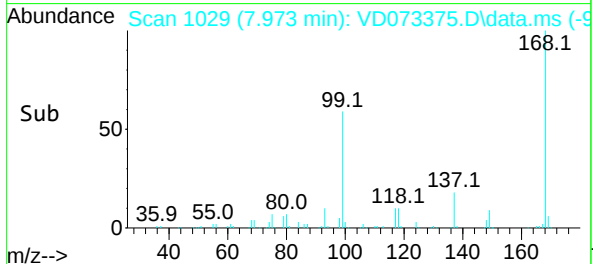
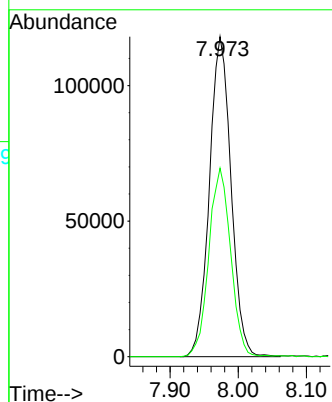


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073375.D
Acq: 25 May 2022 22:10

Instrument :
MSVOA_D
ClientSampleId :
P030-SS001-1218-01

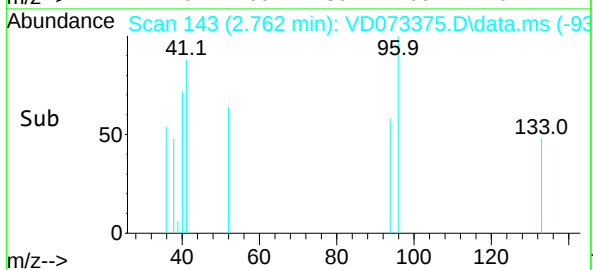
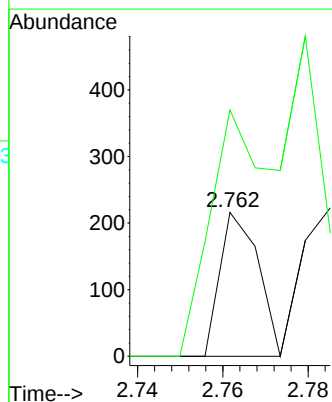
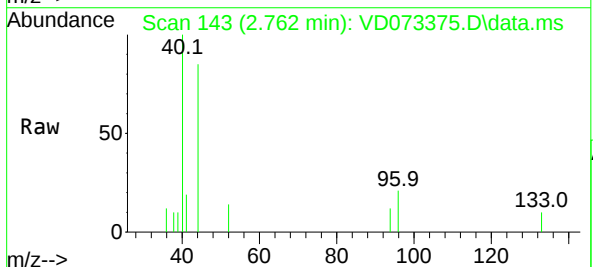


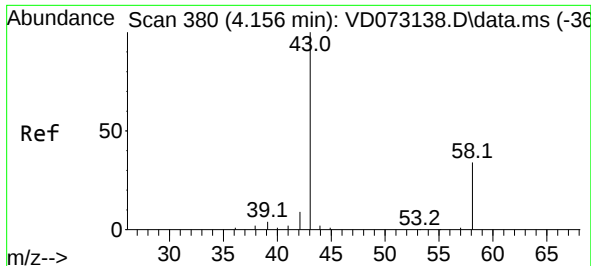
Tgt Ion:168 Resp: 260610
Ion Ratio Lower Upper
168 100
99 58.9 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.762 min Scan# 143
Delta R.T. -0.006 min
Lab File: VD073375.D
Acq: 25 May 2022 22:10

Tgt Ion: 94 Resp: 134
Ion Ratio Lower Upper
94 100
96 171.3 77.6 116.4#

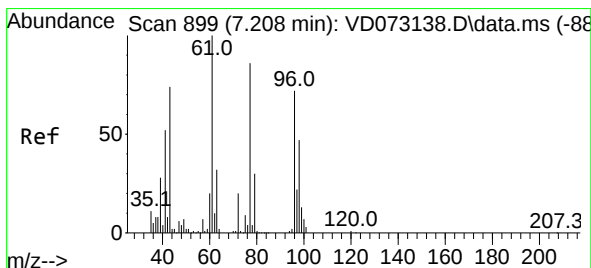
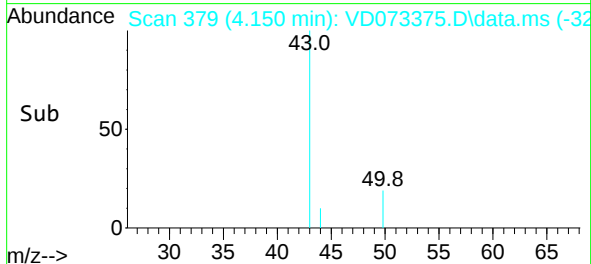
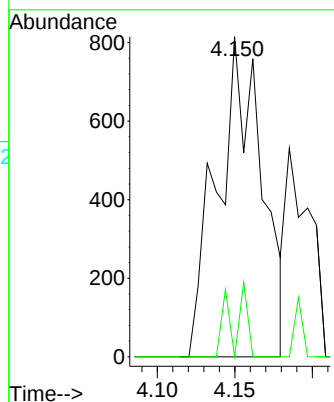
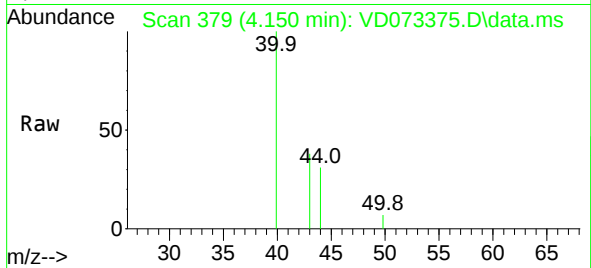




#16
Acetone
Concen: 3.251 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD073375.D
Acq: 25 May 2022 22:10

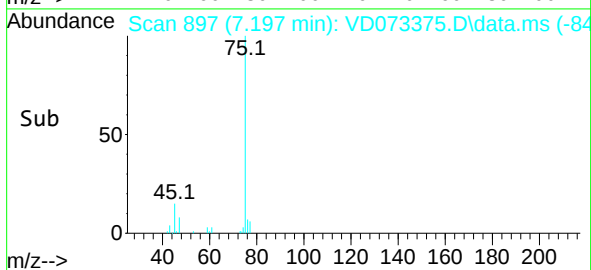
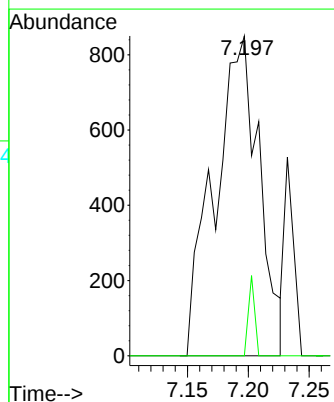
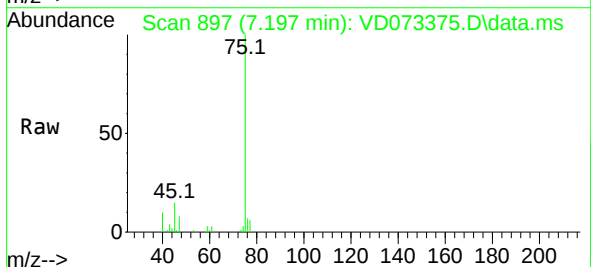
Instrument :
MSVOA_D
ClientSampleId :
P030-SS001-1218-01

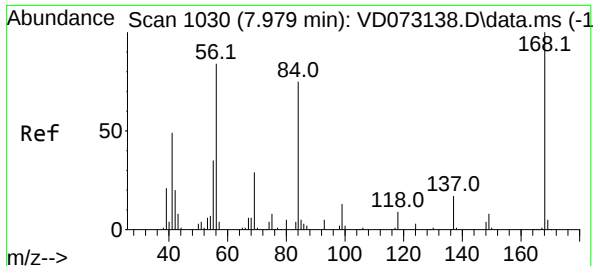
Tgt Ion: 43 Resp: 1622
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#25
2-Butanone
Concen: 2.972 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.011 min
Lab File: VD073375.D
Acq: 25 May 2022 22:10

Tgt Ion: 43 Resp: 2169
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#





#31

Cyclohexane

Concen: 1.346 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD073375.D

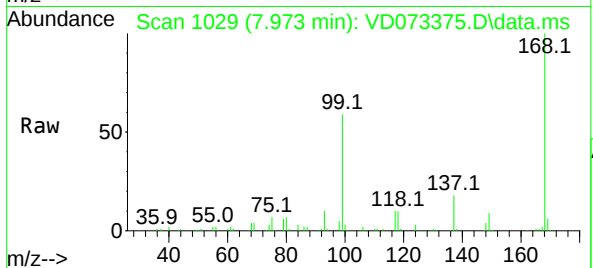
Acq: 25 May 2022 22:10

Instrument :

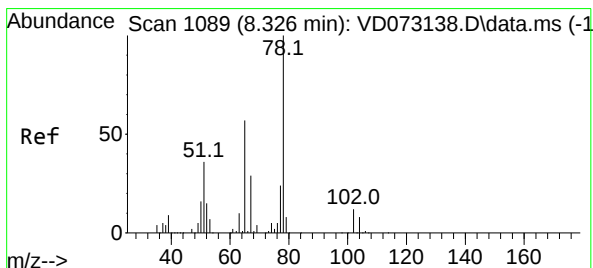
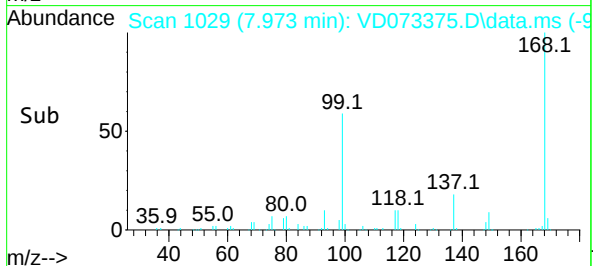
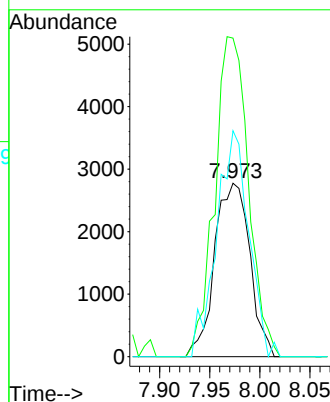
MSVOA_D

ClientSampleId :

P030-SS001-1218-01



Tgt Ion:	56	Resp:	6774
Ion Ratio	100	Lower	Upper
56	100		
69	183.6	25.4	38.2#
84	130.2	63.0	94.4#



#33

1,2-Dichloroethane-d4

Concen: 57.443 ug/l

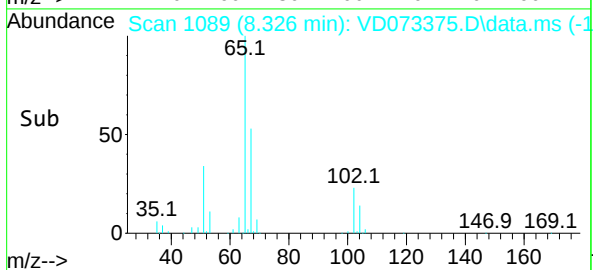
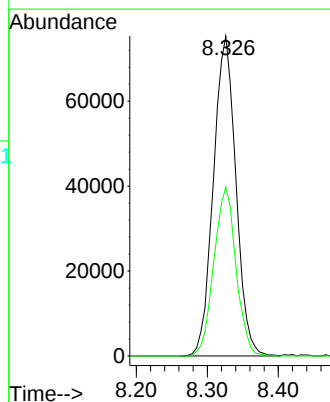
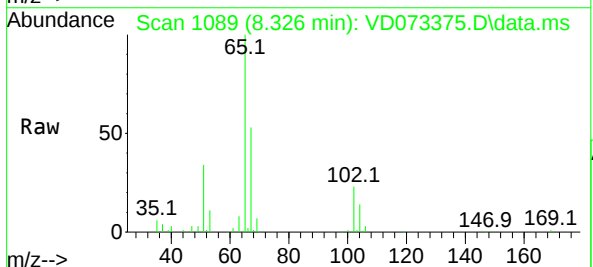
RT: 8.326 min Scan# 1089

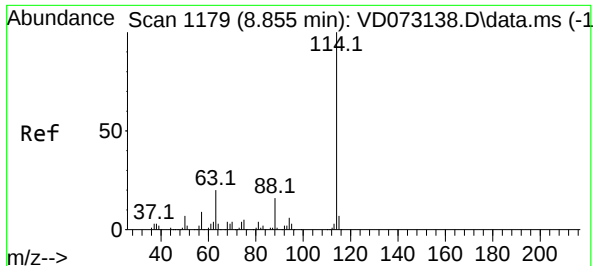
Delta R.T. 0.000 min

Lab File: VD073375.D

Acq: 25 May 2022 22:10

Tgt Ion:	65	Resp:	165442
Ion Ratio	100	Lower	Upper
65	100		
67	51.9	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: VD073375.D

Acq: 25 May 2022 22:10

Instrument :

MSVOA_D

ClientSampleId :

P030-SS001-1218-01

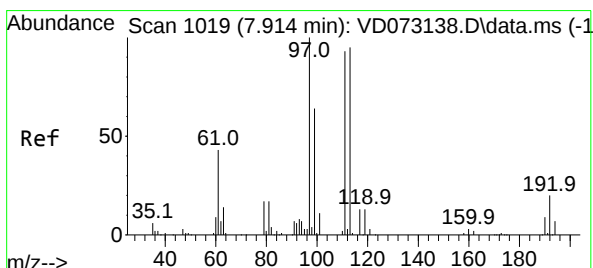
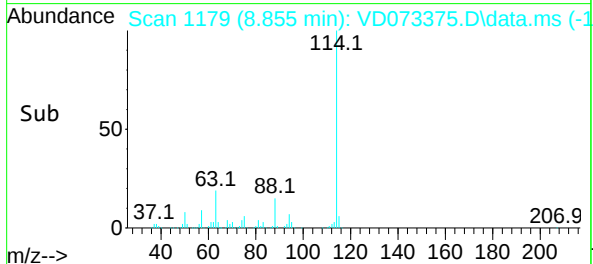
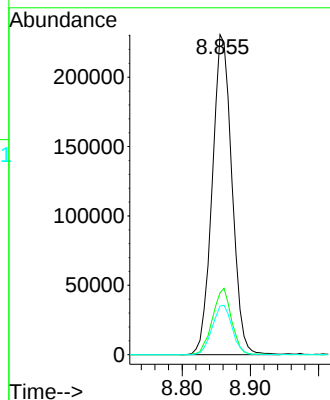
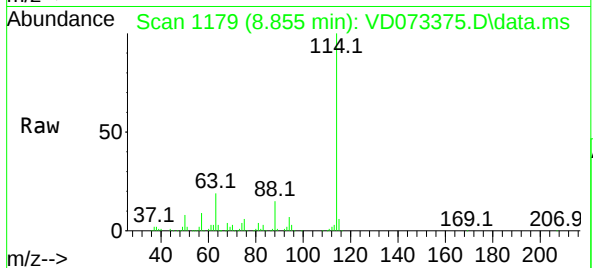
Tgt Ion:114 Resp: 463456

Ion Ratio Lower Upper

114 100

63 19.3 0.0 46.6

88 15.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 54.743 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073375.D

Acq: 25 May 2022 22:10

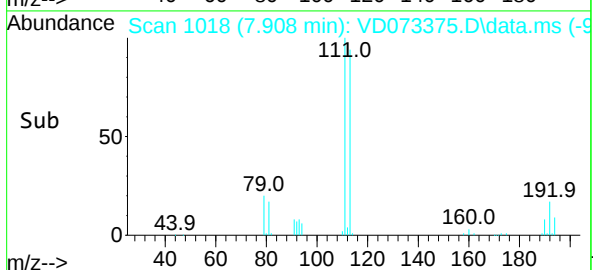
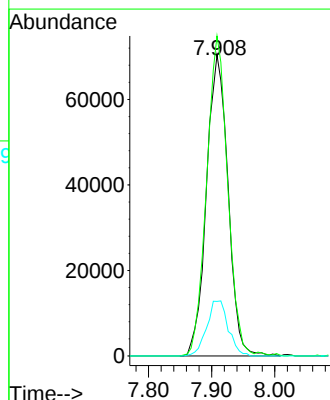
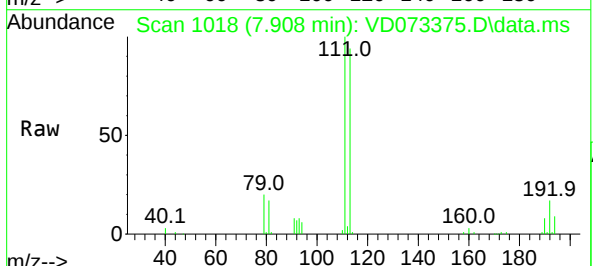
Tgt Ion:113 Resp: 167413

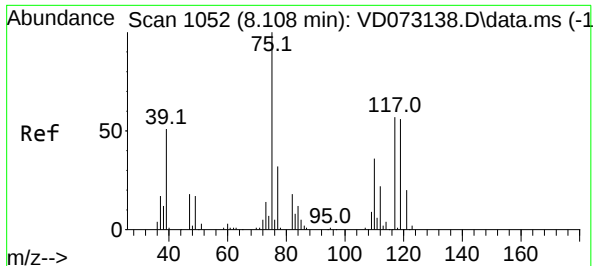
Ion Ratio Lower Upper

113 100

111 103.1 83.8 125.6

192 18.2 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.692 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.141 min

Lab File: VD073375.D

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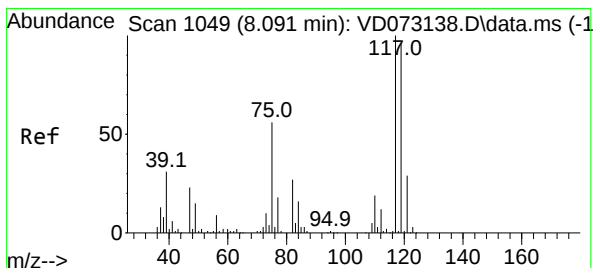
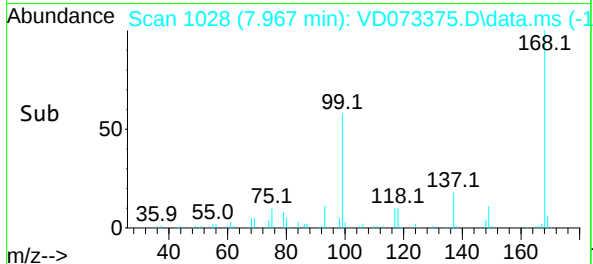
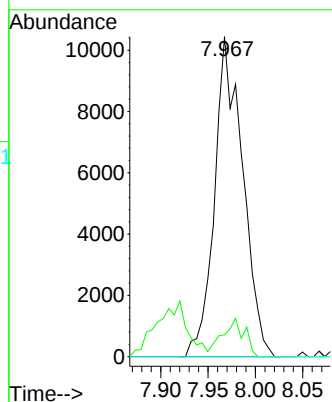
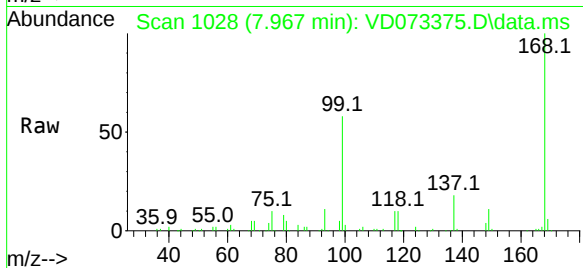
Tgt Ion: 75 Resp: 21582

Ion Ratio Lower Upper

75 100

110 9.4 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.894 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.118 min

Lab File: VD073375.D

Acq: 25 May 2022 22:10

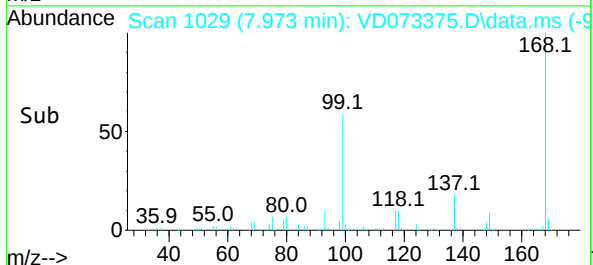
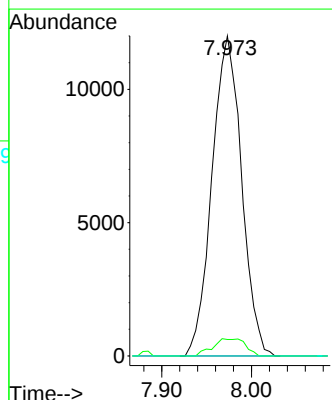
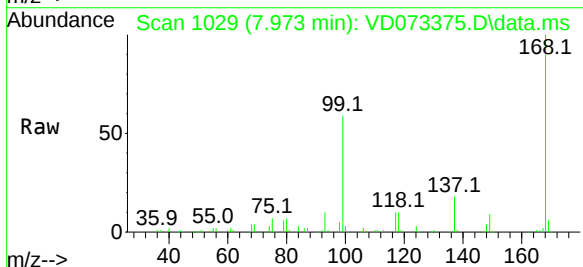
Tgt Ion: 117 Resp: 27482

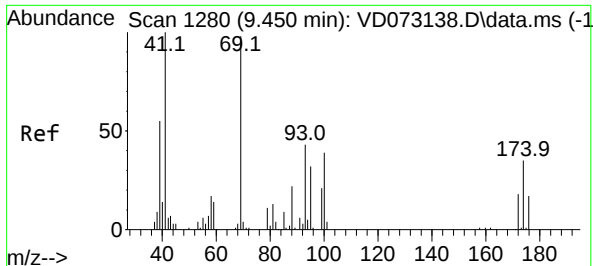
Ion Ratio Lower Upper

117 100

119 5.2 75.8 113.6#

121 0.0 24.5 36.7#





#49

1,4-Dioxane

Concen: 2.905 ug/l

RT: 9.397 min Scan# 11

Delta R.T. -0.053 min

Lab File: VD073375.D

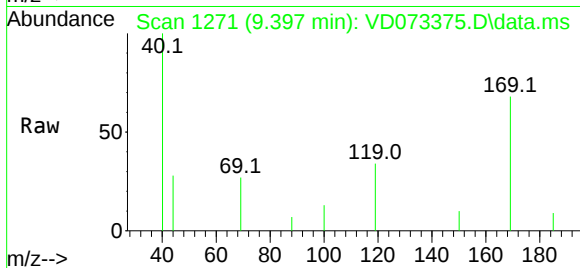
Acq: 25 May 2022 22:10

Instrument :

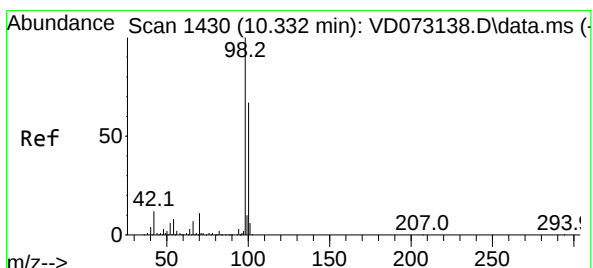
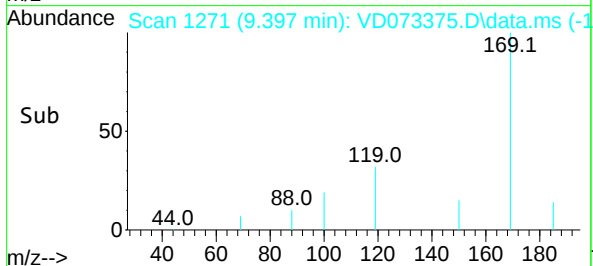
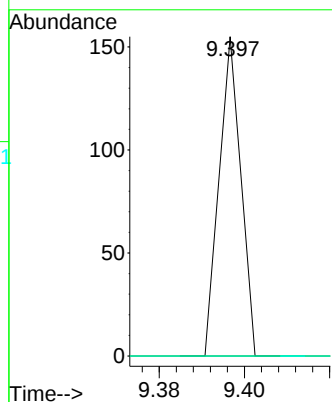
MSVOA_D

ClientSampleId :

P030-SS001-1218-01



Tgt Ion:	88	Resp:	55
Ion	Ratio	Lower	Upper
88	100		
43	0.0	31.0	46.4#
58	0.0	58.1	87.1#



#50

Toluene-d8

Concen: 51.626 ug/l

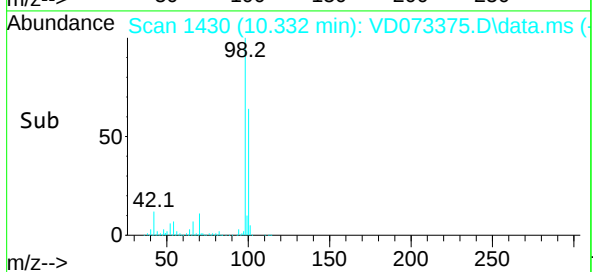
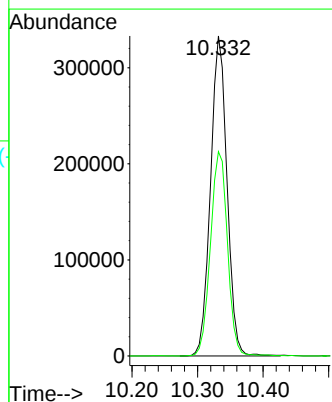
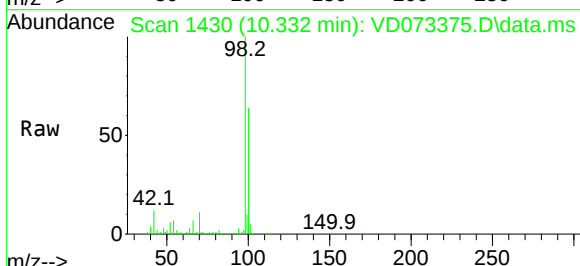
RT: 10.332 min Scan# 1430

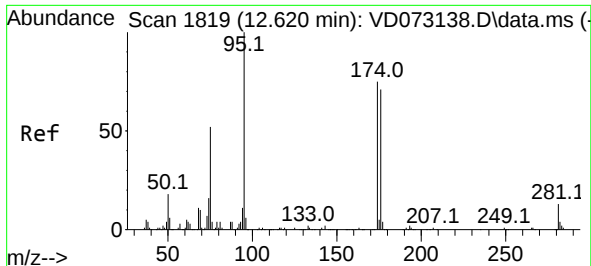
Delta R.T. -0.000 min

Lab File: VD073375.D

Acq: 25 May 2022 22:10

Tgt Ion:	98	Resp:	581997
Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.4	78.6

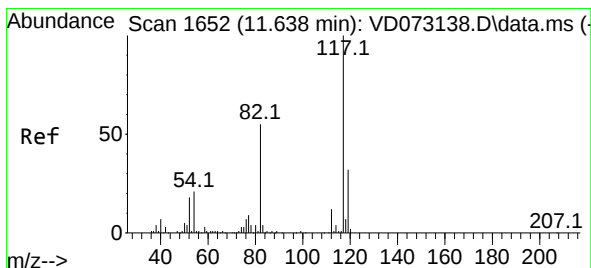
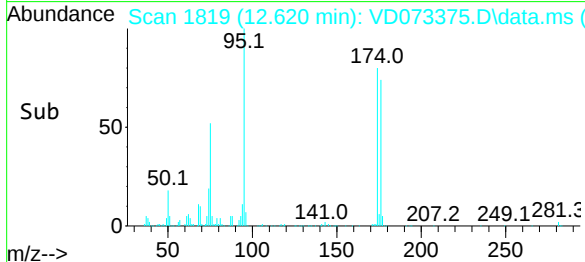
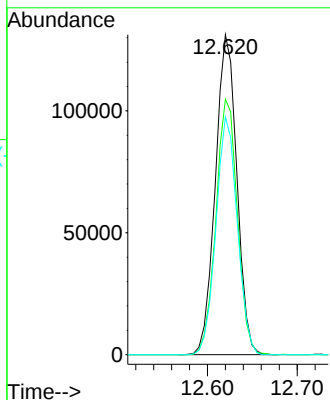
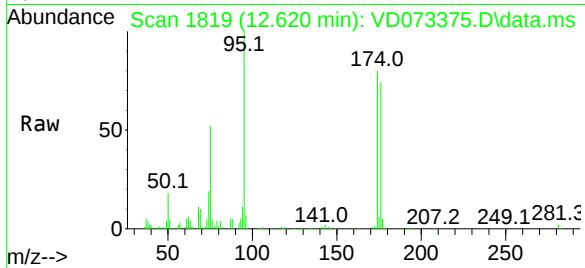




#62
4-Bromofluorobenzene
Concen: 55.156 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073375.D
Acq: 25 May 2022 22:10

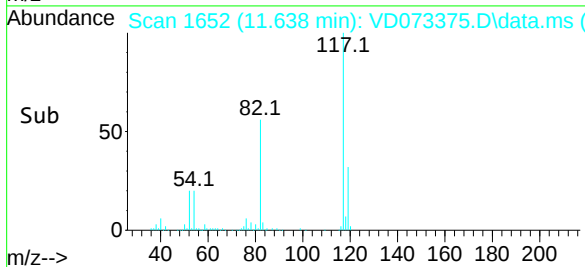
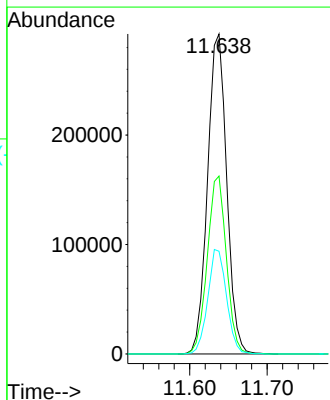
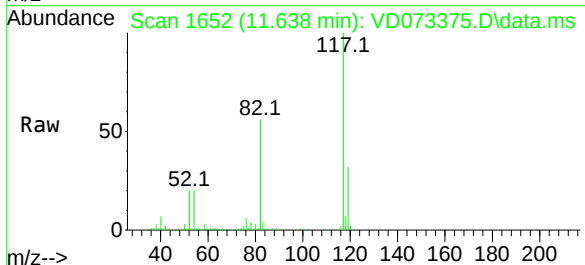
Instrument :
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P030-SS001-1218-01

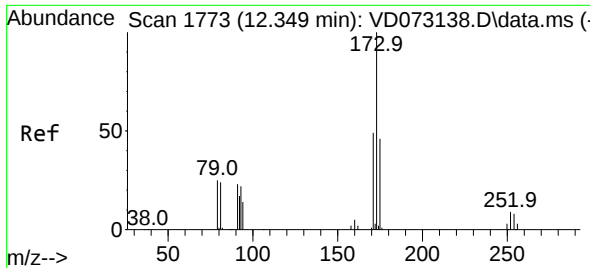
Tgt Ion:	95	Resp:	218209
Ion Ratio	Lower	Upper	
95	100		
174	79.7	0.0	152.8
176	73.8	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073375.D
Acq: 25 May 2022 22:10

Tgt Ion:	117	Resp:	503051
Ion Ratio	Lower	Upper	
117	100		
82	55.6	45.3	67.9
119	32.1	26.6	40.0

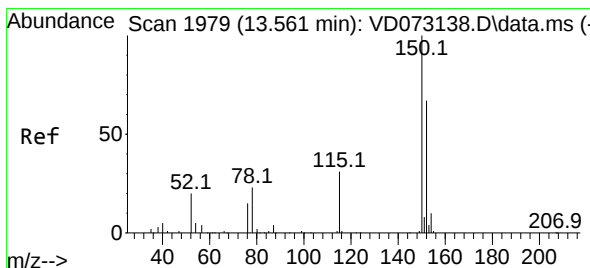
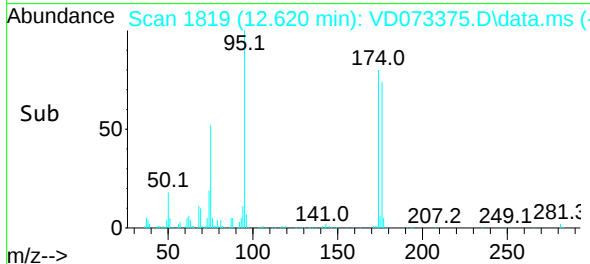
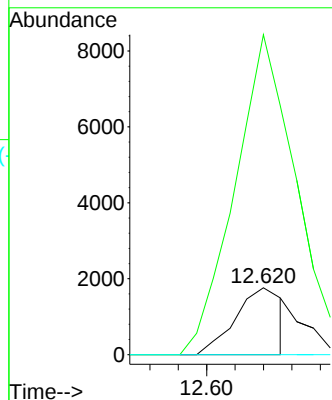
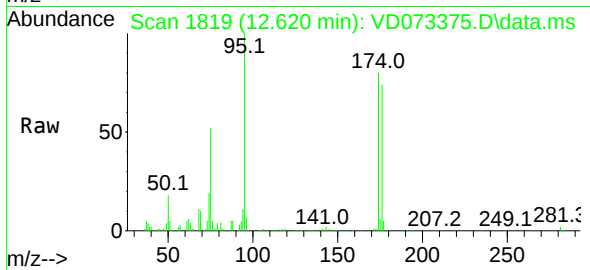




#71
Bromoform
Concen: 1.035 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.271 min
Lab File: VD073375.D
Acq: 25 May 2022 22:10

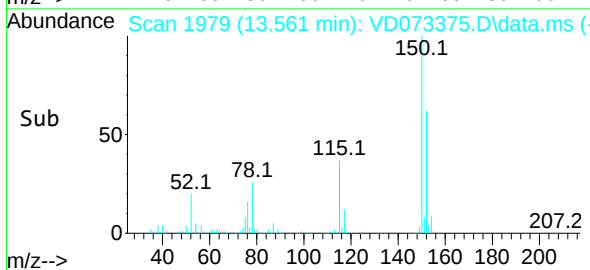
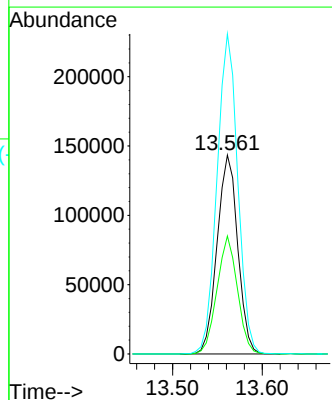
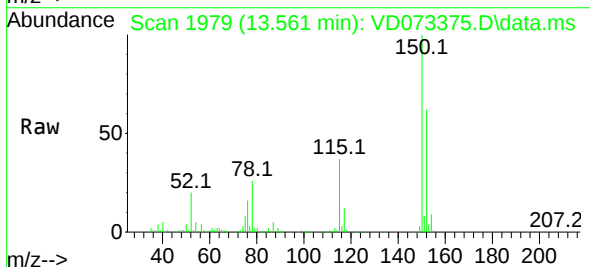
Instrument :
MSVOA_D
ClientSampleId :
P030-SS001-1218-01

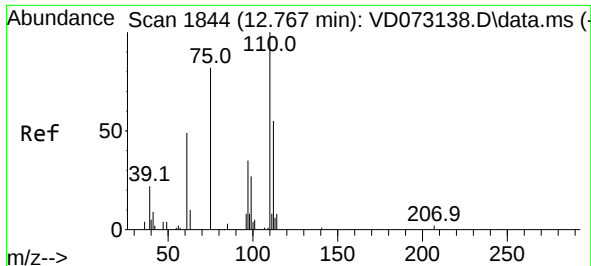
Tgt Ion:173 Resp: 2039
Ion Ratio Lower Upper
173 100
175 474.6 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073375.D
Acq: 25 May 2022 22:10

Tgt Ion:152 Resp: 229080
Ion Ratio Lower Upper
152 100
115 58.7 31.3 93.8
150 161.7 0.0 348.6

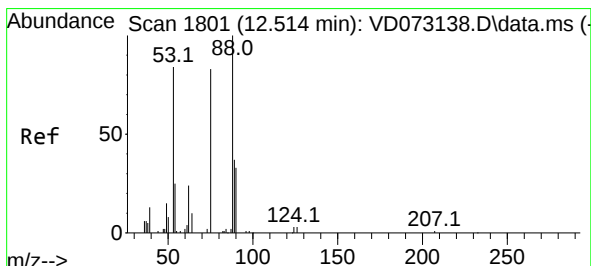
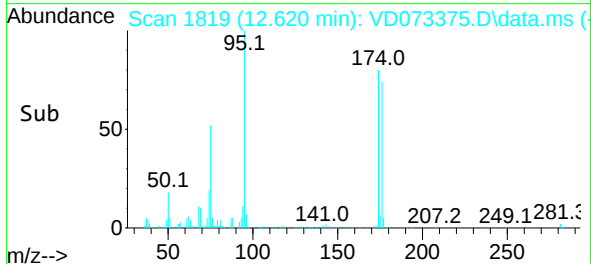
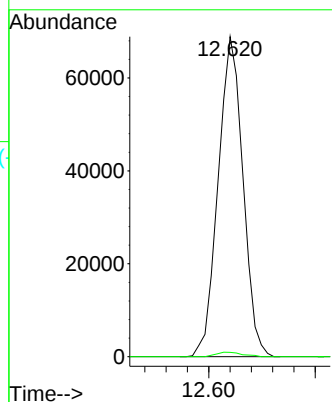
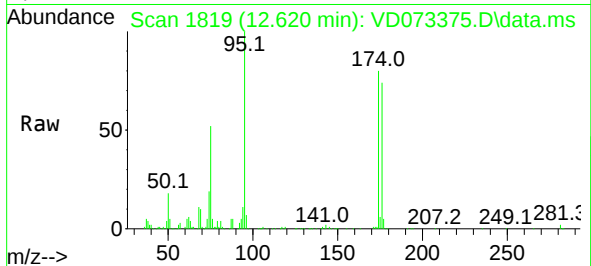




#76
1,2,3-Trichloropropane
Concen: 49.515 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073375.D
Acq: 25 May 2022 22:10

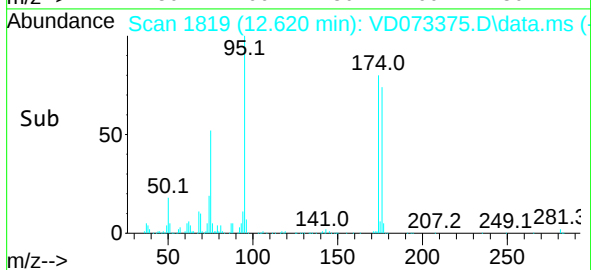
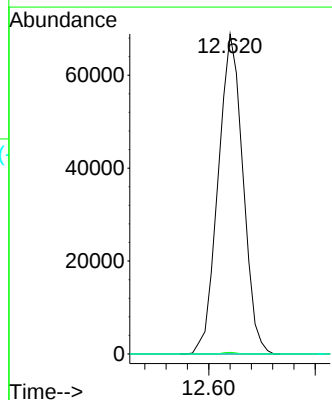
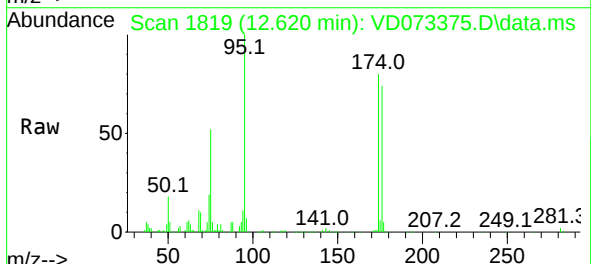
Instrument :
MSVOA_D
ClientSampleId :
P030-SS001-1218-01

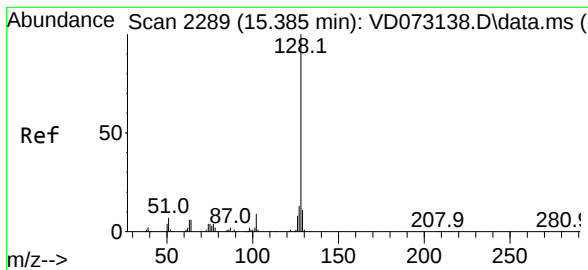
Tgt Ion: 75 Resp: 111294
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.871 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073375.D
Acq: 25 May 2022 22:10

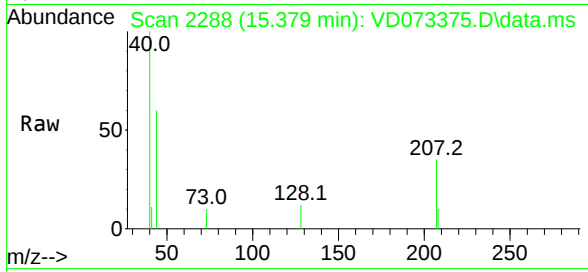
Tgt Ion: 75 Resp: 111294
Ion Ratio Lower Upper
75 100
53 0.3 86.5 129.7#
89 0.0 33.9 50.9#





#95
Naphthalene
Concen: 3.561 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073375.D
Acq: 25 May 2022 22:10

Instrument :
MSVOA_D
ClientSampleId :
P030-SS001-1218-01



Tgt Ion:	128	Resp:	158
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.4	12.6#

