

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073318.D
 Acq On : 24 May 2022 12:03
 Operator : VA/SY
 Sample : VD0524SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0524SBL01

Quant Time: May 24 16:43:50 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)

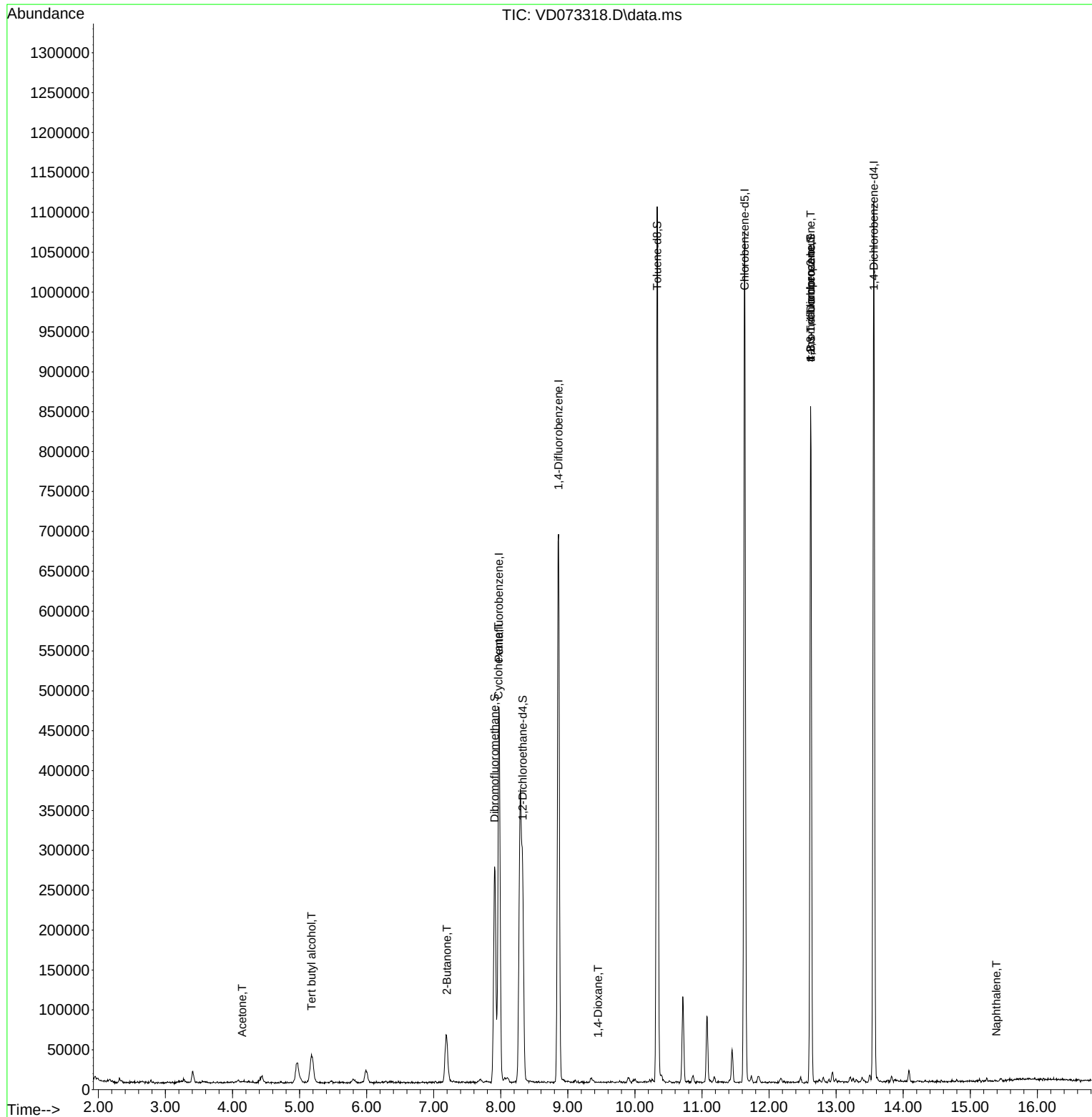
Internal Standards						
1) Pentafluorobenzene	7.973	168	332920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	604671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	617834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	284776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	189747	51.572	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.140%
35) Dibromofluoromethane	7.908	113	198800	49.824	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.640%
50) Toluene-d8	10.332	98	734899	49.965	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.940%
62) 4-Bromofluorobenzene	12.620	95	275265	53.328	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.660%
Target Compounds						
						Qvalue
5) Bromomethane	2.779	94	1953	Below Cal	#	76
11) Tert butyl alcohol	5.179	59	31768	55.652	ug/l #	76
16) Acetone	4.144	43	2103	3.300	ug/l	93
25) 2-Butanone	7.197	43	4084	4.380	ug/l #	78
31) Cyclohexane	7.967	56	10227	1.591	ug/l #	22
49) 1,4-Dioxane	9.449	88	55	2.226	ug/l #	21
76) 1,2,3-Trichloropropane	12.620	75	137732	49.293	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	137732	118.338	ug/l #	7
95) Naphthalene	15.390	128	1375	3.679	ug/l #	76

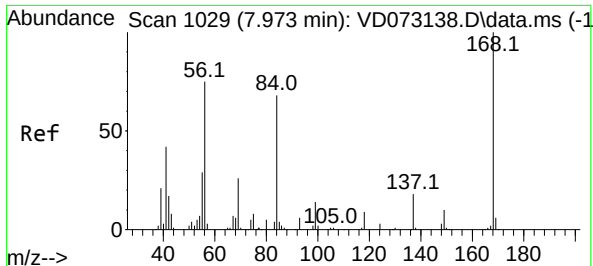
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD073318.D
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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0524SBL01

Quant Time: May 24 16:43:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

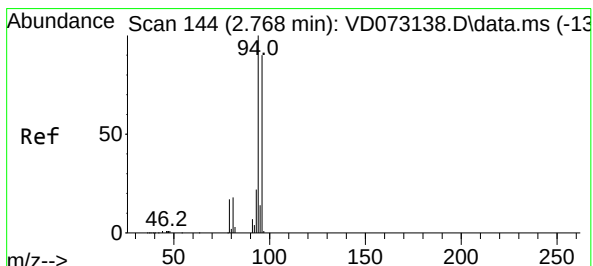
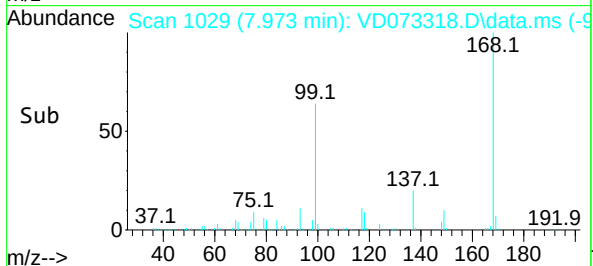
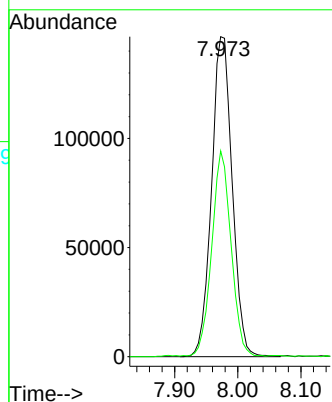
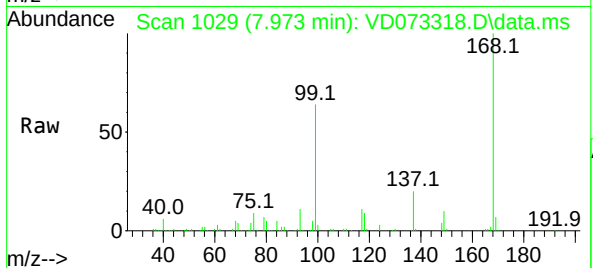




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD073318.D
Acq: 24 May 2022 12:03

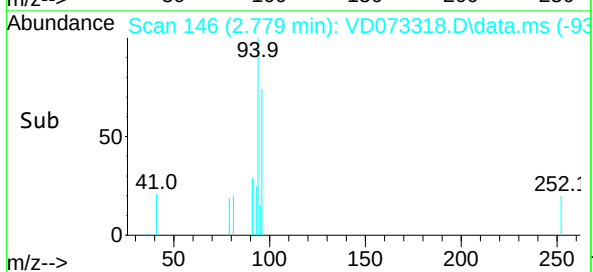
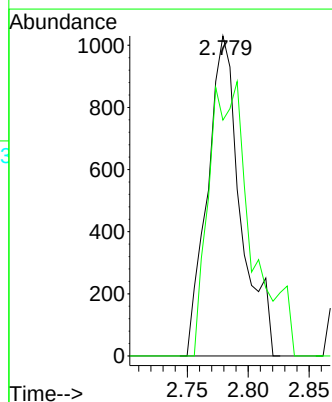
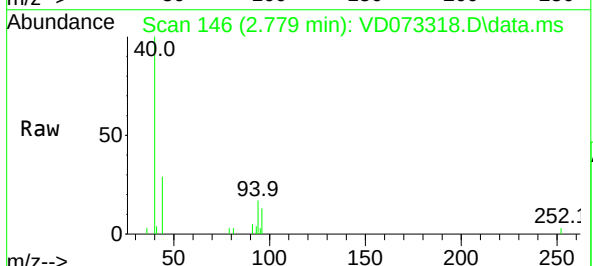
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBL01

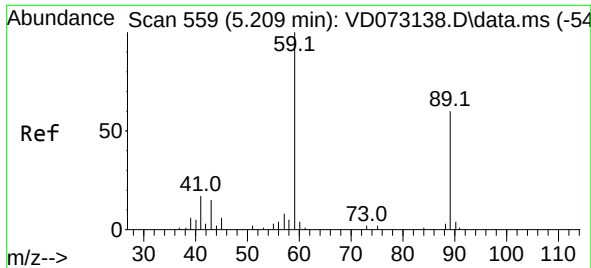
Tgt Ion:168 Resp: 332920
Ion Ratio Lower Upper
168 100
99 64.1 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD073318.D
Acq: 24 May 2022 12:03

Tgt Ion: 94 Resp: 1953
Ion Ratio Lower Upper
94 100
96 73.7 77.6 116.4#

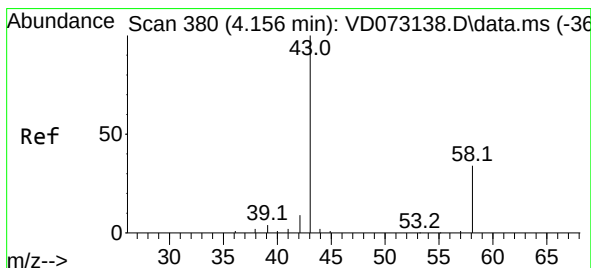
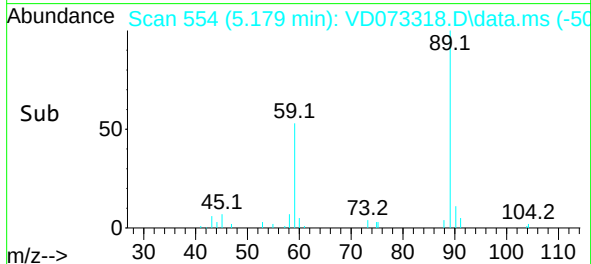
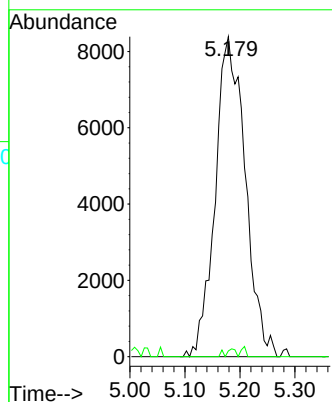
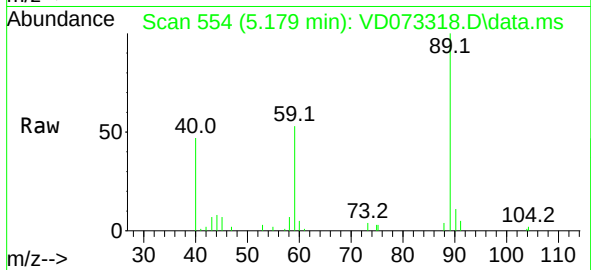




#11
Tert butyl alcohol
Concen: 55.652 ug/l
RT: 5.179 min Scan# 51
Delta R.T. -0.030 min
Lab File: VD073318.D
Acq: 24 May 2022 12:03

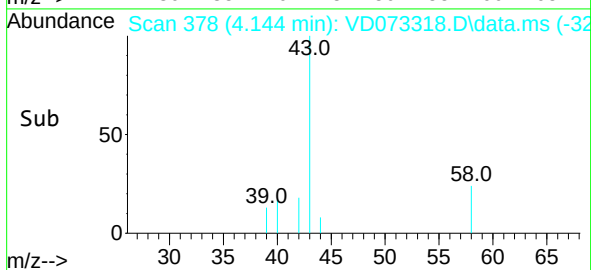
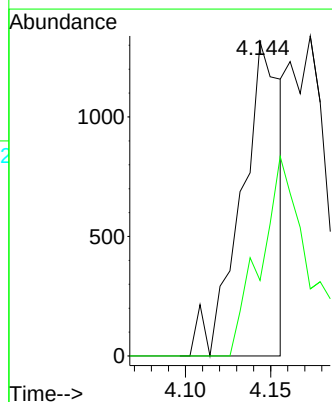
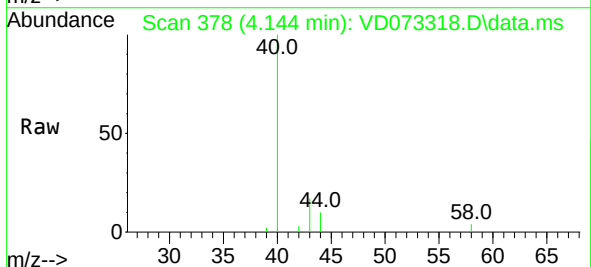
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBL01

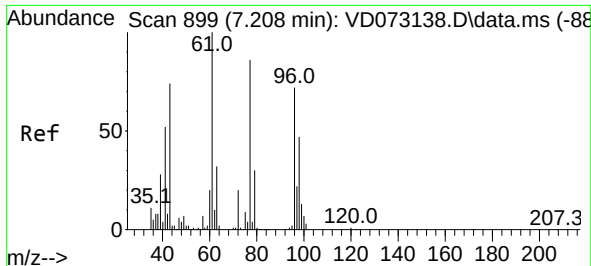
Tgt Ion: 59 Resp: 31768
Ion Ratio Lower Upper
59 100
57 0.8 7.8 11.6#



#16
Acetone
Concen: 3.300 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.012 min
Lab File: VD073318.D
Acq: 24 May 2022 12:03

Tgt Ion: 43 Resp: 2103
Ion Ratio Lower Upper
43 100
58 24.0 22.1 33.1

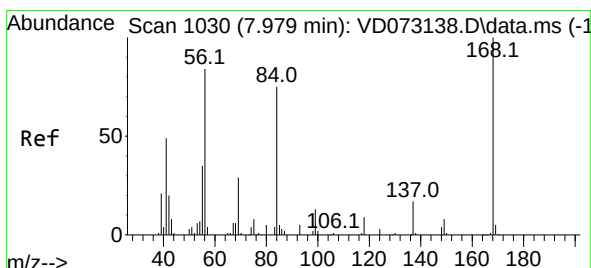
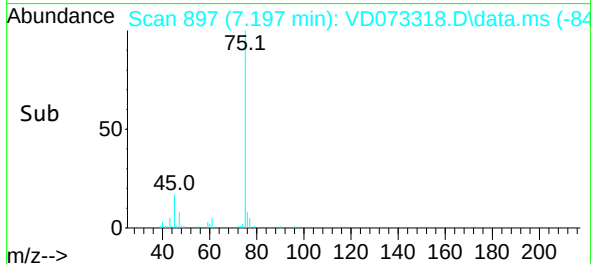
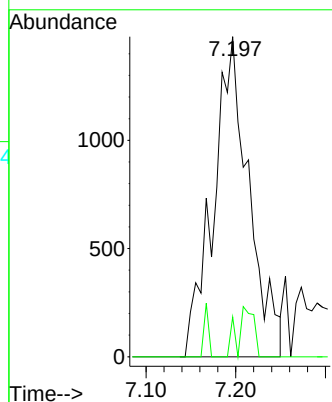
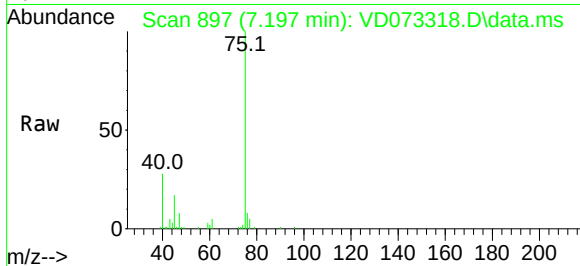




#25
2-Butanone
Concen: 4.380 ug/l
RT: 7.197 min Scan# 89
Delta R.T. -0.011 min
Lab File: VD073318.D
Acq: 24 May 2022 12:03

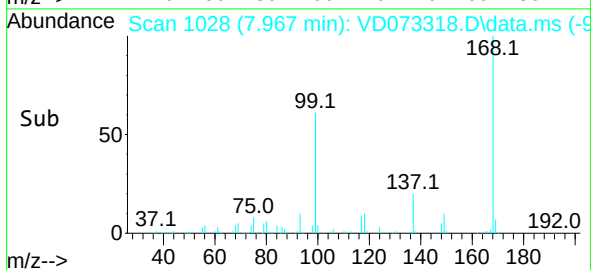
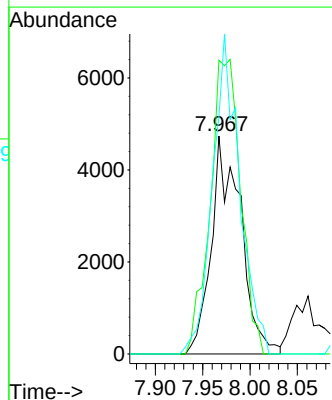
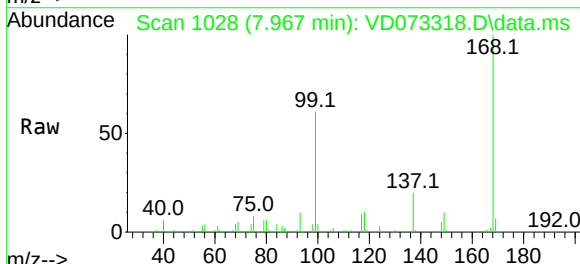
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBL01

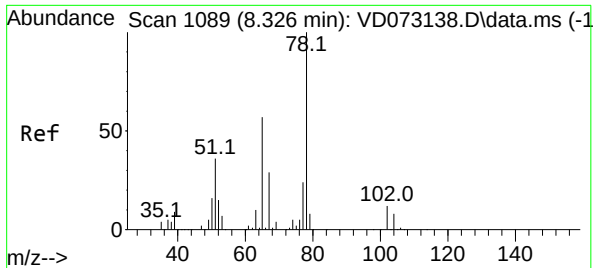
Tgt Ion: 43 Resp: 4084
Ion Ratio Lower Upper
43 100
72 12.4 18.6 27.8#



#31
Cyclohexane
Concen: 1.591 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD073318.D
Acq: 24 May 2022 12:03

Tgt Ion: 56 Resp: 10227
Ion Ratio Lower Upper
56 100
69 134.8 25.4 38.2#
84 108.7 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 51.572 ug/l

RT: 8.326 min Scan# 110

Delta R.T. -0.000 min

Lab File: VD073318.D

Acq: 24 May 2022 12:03

Instrument :

MSVOA_D

ClientSampleId :

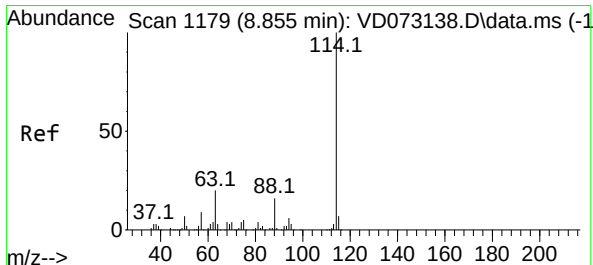
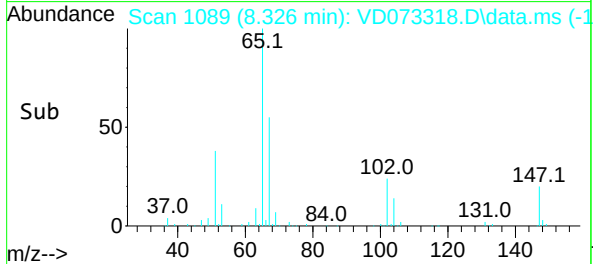
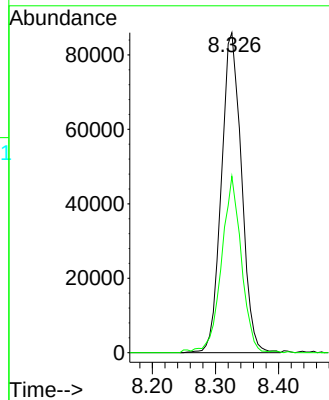
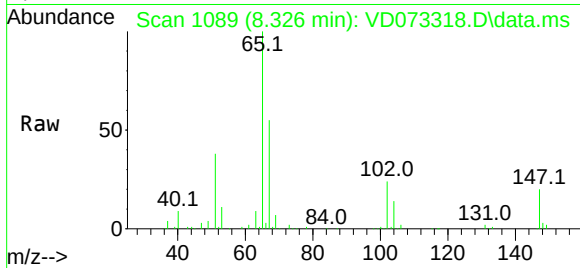
VD0524SBL01

Tgt Ion: 65 Resp: 189747

Ion Ratio Lower Upper

65 100

67 54.5 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: VD073318.D

Acq: 24 May 2022 12:03

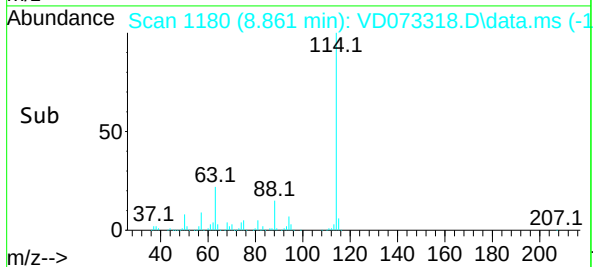
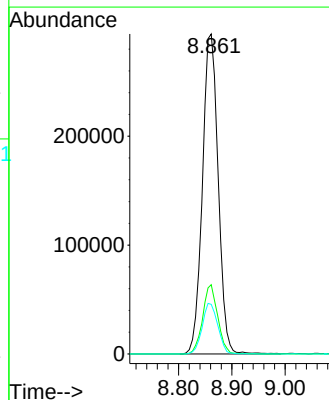
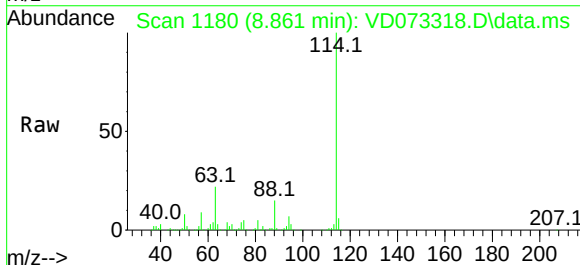
Tgt Ion: 114 Resp: 604671

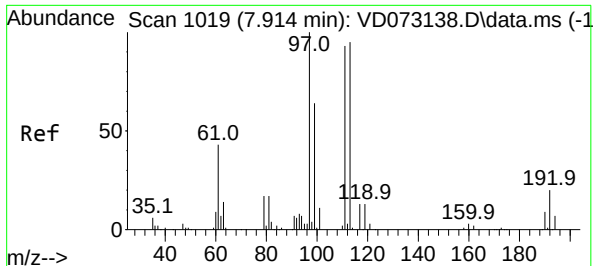
Ion Ratio Lower Upper

114 100

63 21.7 0.0 46.6

88 15.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.824 ug/l

RT: 7.908 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD073318.D

Acq: 24 May 2022 12:03

Instrument :

MSVOA_D

ClientSampleId :

VD0524SBL01

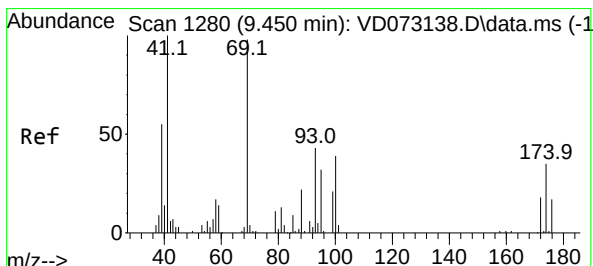
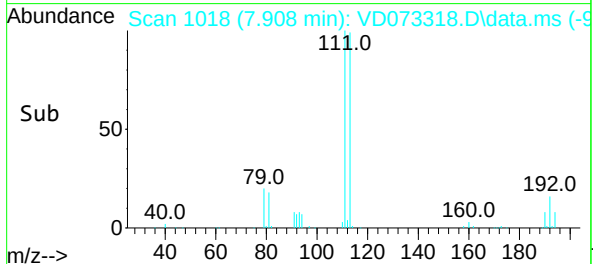
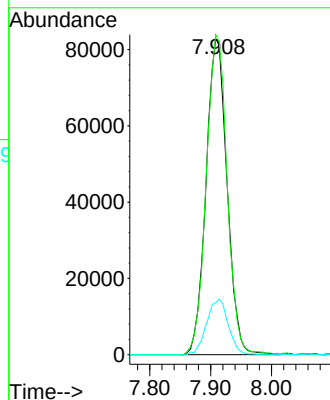
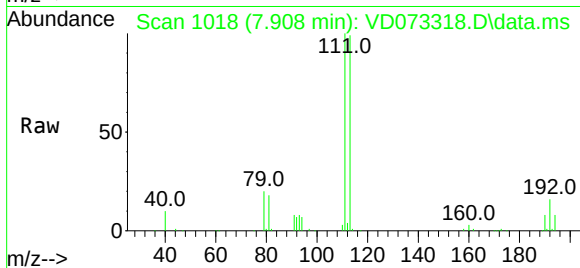
Tgt Ion:113 Resp: 198800

Ion Ratio Lower Upper

113 100

111 101.0 83.8 125.6

192 18.0 14.6 21.8



#49

1,4-Dioxane

Concen: 2.226 ug/l

RT: 9.449 min Scan# 1280

Delta R.T. -0.001 min

Lab File: VD073318.D

Acq: 24 May 2022 12:03

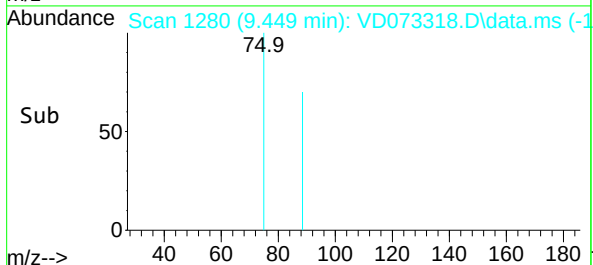
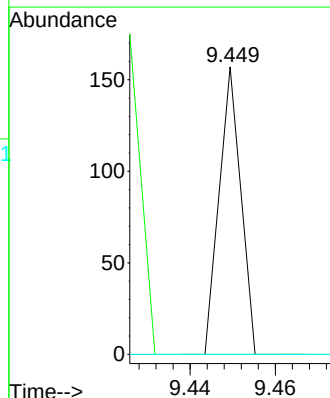
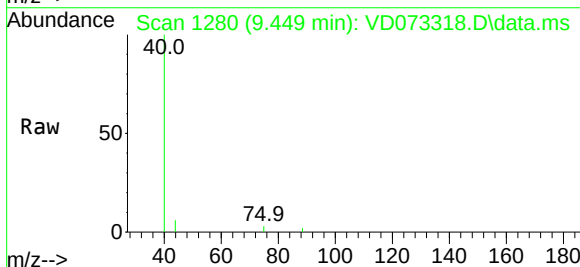
Tgt Ion: 88 Resp: 55

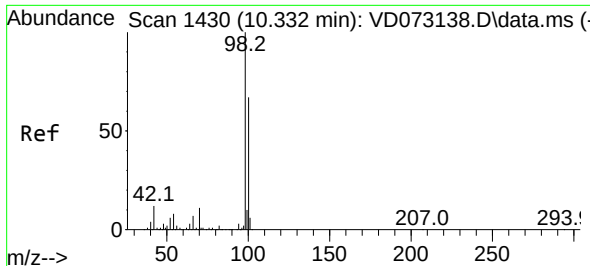
Ion Ratio Lower Upper

88 100

43 0.0 31.0 46.4#

58 0.0 58.1 87.1#

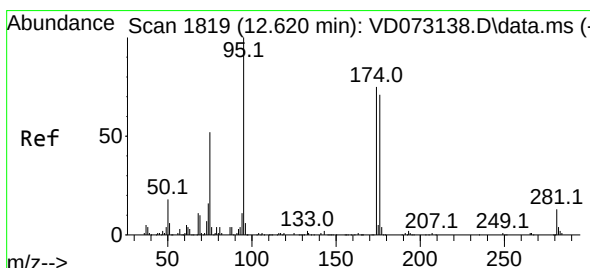
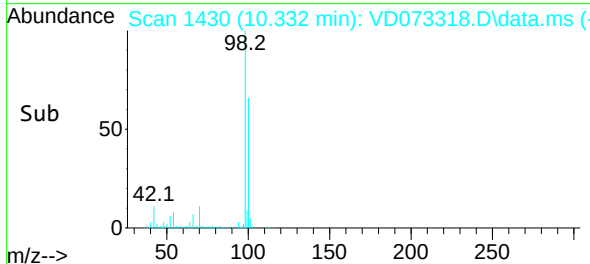
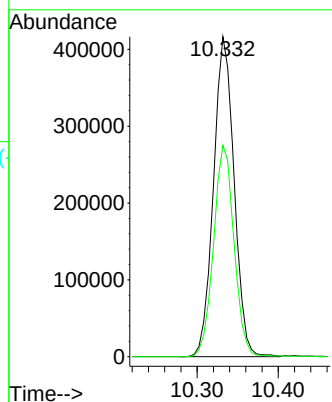
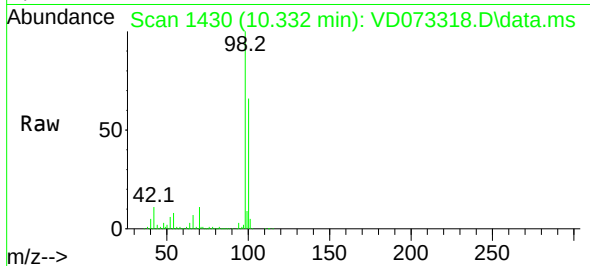




#50
Toluene-d8
Concen: 49.965 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073318.D
Acq: 24 May 2022 12:03

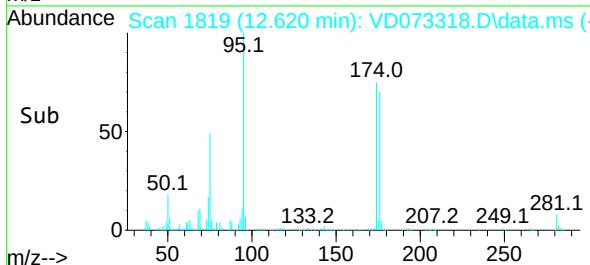
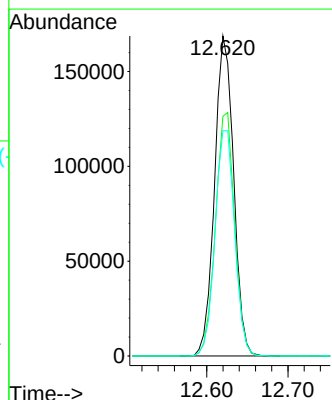
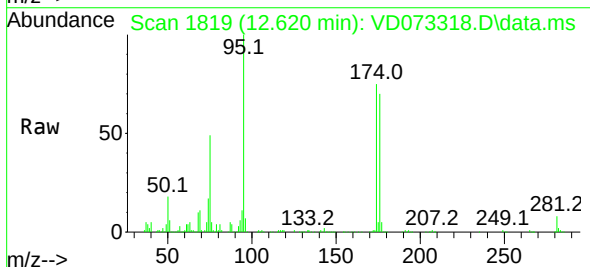
Instrument :
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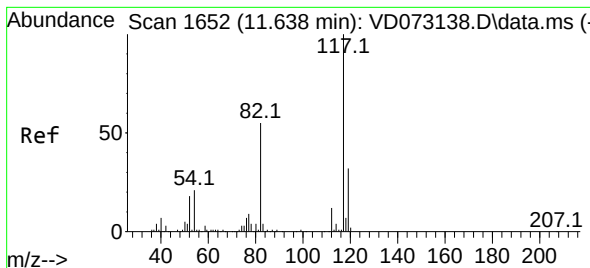
Tgt Ion: 98 Resp: 734899
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.328 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073318.D
Acq: 24 May 2022 12:03

Tgt Ion: 95 Resp: 275265
Ion Ratio Lower Upper
95 100
174 76.5 0.0 152.8
176 72.6 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.637 min Scan# 1

Delta R.T. -0.001 min

Lab File: VD073318.D

Acq: 24 May 2022 12:03

Instrument :

MSVOA_D

ClientSampleId :

VD0524SBL01

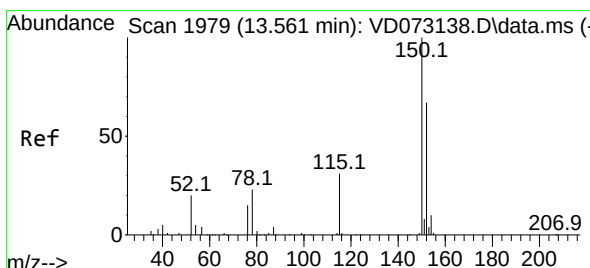
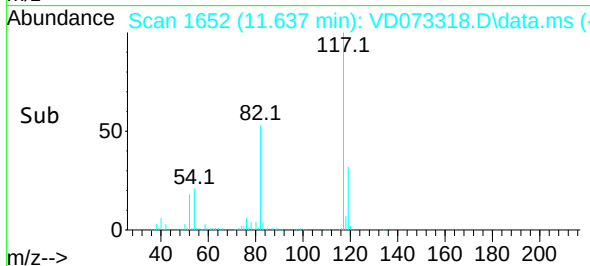
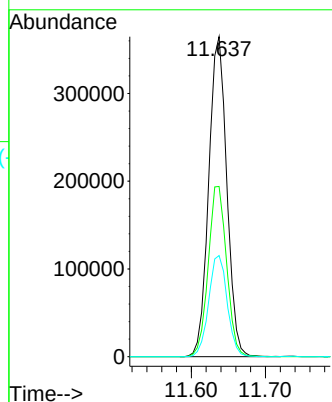
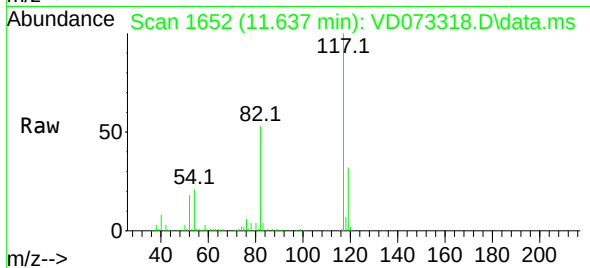
Tgt Ion:117 Resp: 617834

Ion Ratio Lower Upper

117 100

82 53.2 45.3 67.9

119 31.6 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: VD073318.D

Acq: 24 May 2022 12:03

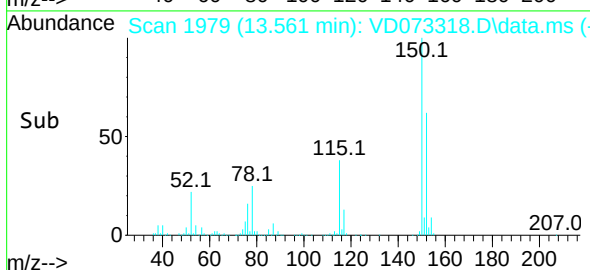
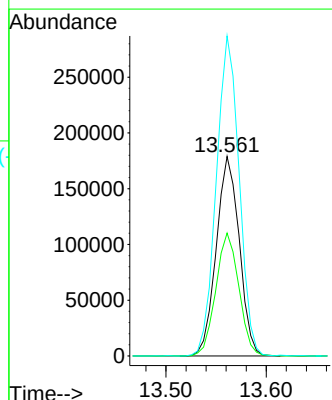
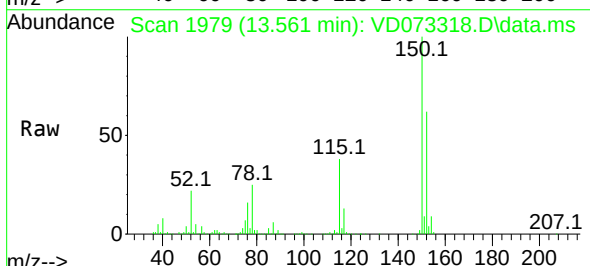
Tgt Ion:152 Resp: 284776

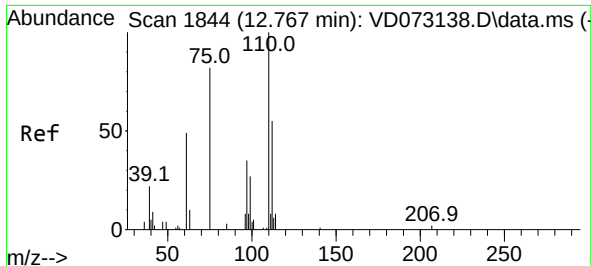
Ion Ratio Lower Upper

152 100

115 61.6 31.3 93.8

150 159.0 0.0 348.6

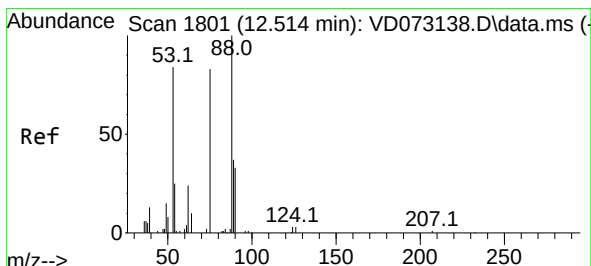
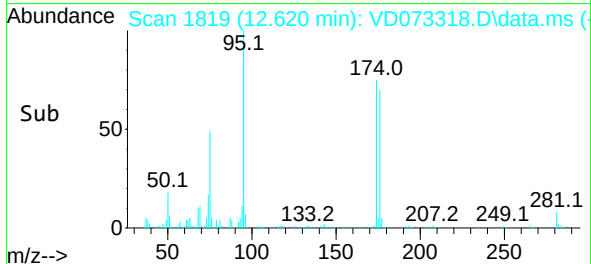
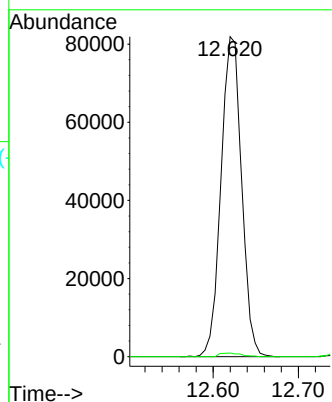
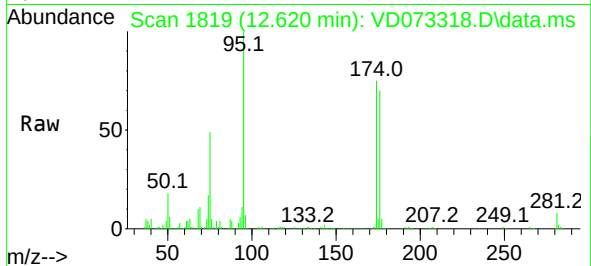




#76
1,2,3-Trichloropropane
Concen: 49.293 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073318.D
Acq: 24 May 2022 12:03

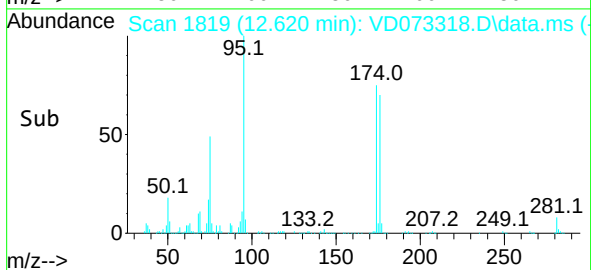
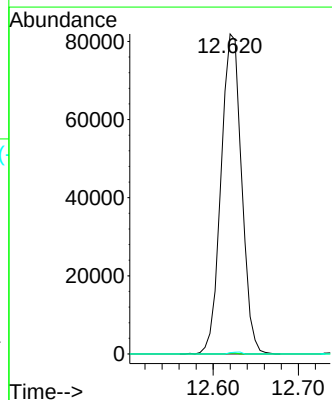
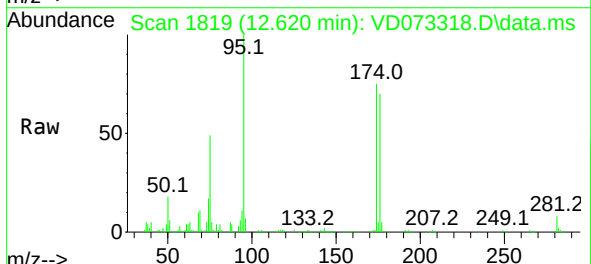
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBL01

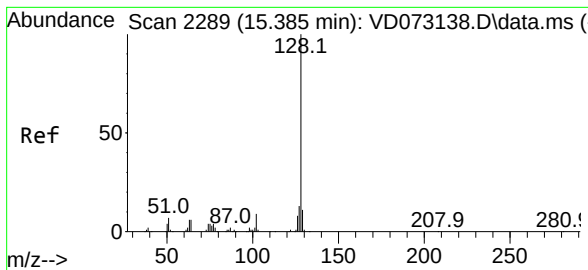
Tgt Ion: 75 Resp: 137732
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.338 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073318.D
Acq: 24 May 2022 12:03

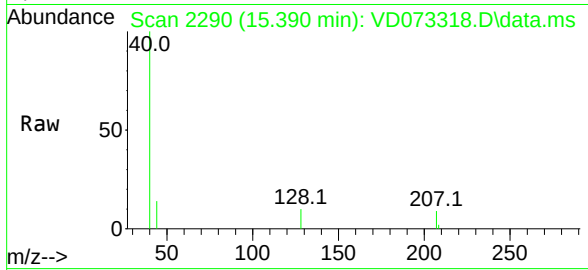
Tgt Ion: 75 Resp: 137732
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.3 33.9 50.9#





#95
Naphthalene
Concen: 3.679 ug/l
RT: 15.390 min Scan# 21
Delta R.T. 0.005 min
Lab File: VD073318.D
Acq: 24 May 2022 12:03

Instrument :
MSVOA_D
ClientSampleId :
VD0524SBL01



Tgt Ion:	128	Resp:	1375
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	5.6	8.4	12.6#

