

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073322.D
 Acq On : 24 May 2022 13:57
 Operator : VA/SY
 Sample : N2940-02
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-1-051922

Quant Time: May 24 16:45:55 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)

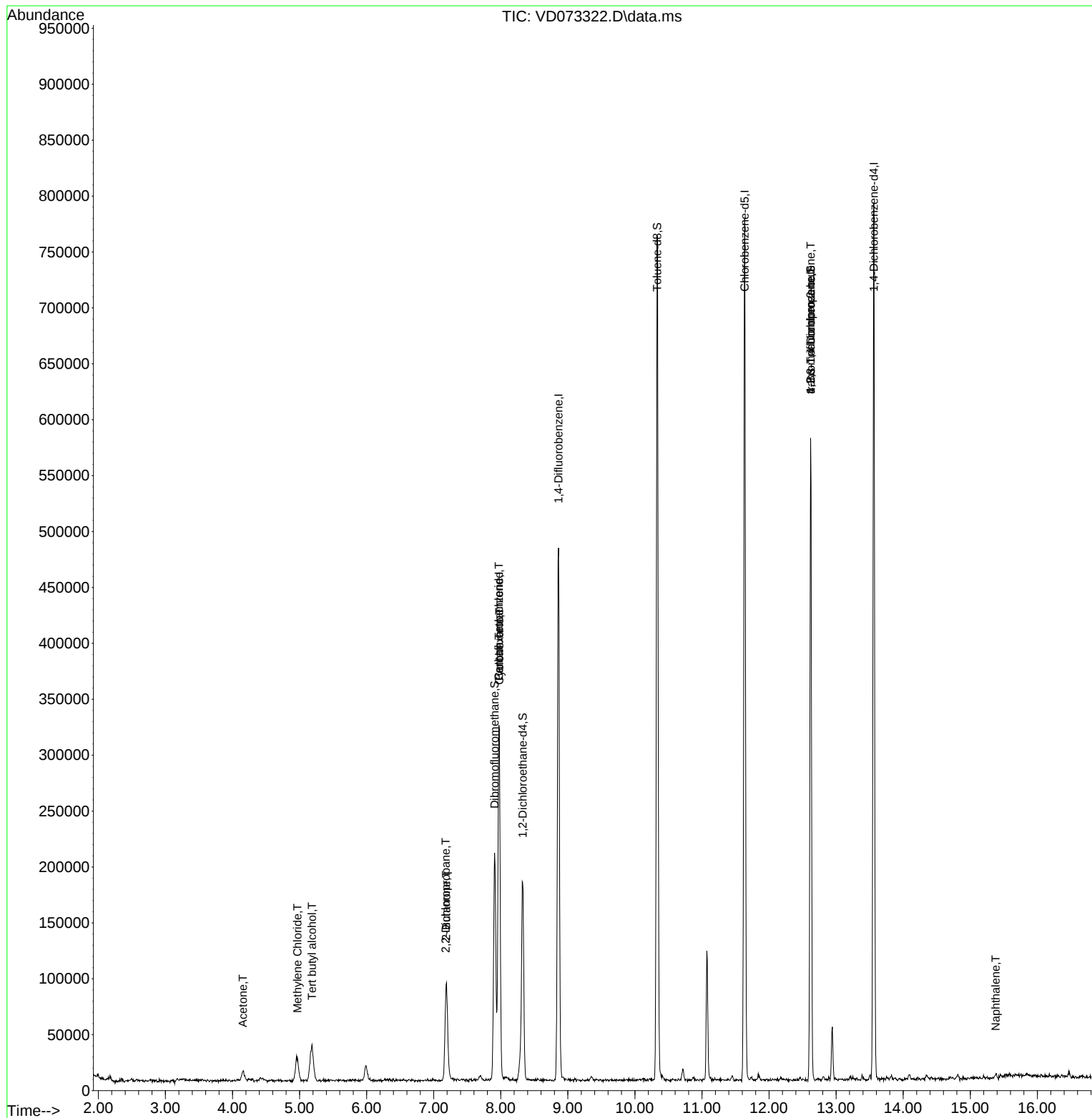
Internal Standards						
1) Pentafluorobenzene	7.973	168	232616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	413005	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	443328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	203787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	141800	55.159	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.320%			
35) Dibromofluoromethane	7.908	113	149317	54.790	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.580%			
50) Toluene-d8	10.332	98	514762	51.240	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.480%			
62) 4-Bromofluorobenzene	12.620	95	191107	54.206	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.420%			
Target Compounds						Qvalue
5) Bromomethane	2.767	94	1296	Below Cal		99
11) Tert butyl alcohol	5.185	59	29835	74.803 ug/l #		74
16) Acetone	4.155	43	17555	39.425 ug/l		94
20) Methylene Chloride	4.967	84	17914	2.554 ug/l #		71
25) 2-Butanone	7.185	43	4355	6.685 ug/l #		87
26) 2,2-Dichloropropane	7.179	77	7102	1.640 ug/l #		56
31) Cyclohexane	7.979	56	6656	1.482 ug/l #		48
38) Carbon Tetrachloride	7.973	117	24295	5.847 ug/l #		16
76) 1,2,3-Trichloropropane	12.620	75	96580	48.302 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.620	75	96580	115.958 ug/l #		7
95) Naphthalene	15.378	128	3803	4.071 ug/l		98

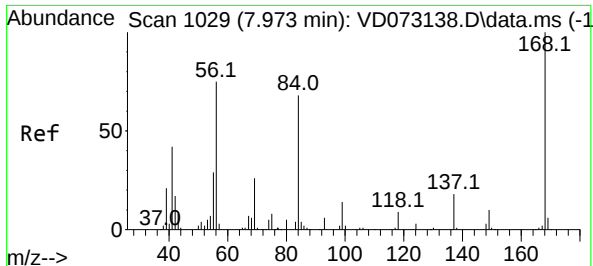
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
Data File : VD073322.D
Acq On : 24 May 2022 13:57
Operator : VA/SY
Sample : N2940-02
Misc : 5.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CL-1-051922

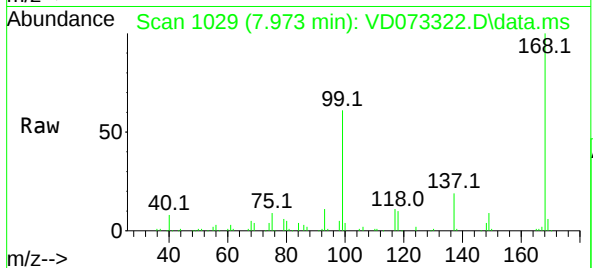
Quant Time: May 24 16:45:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration



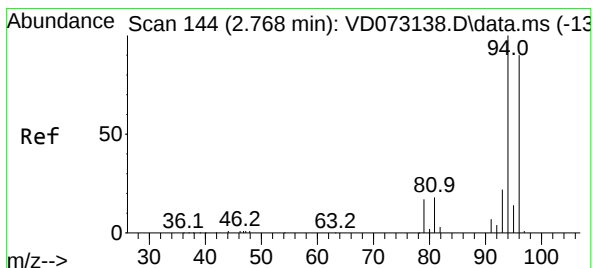
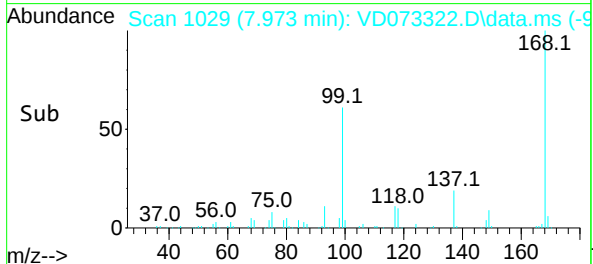
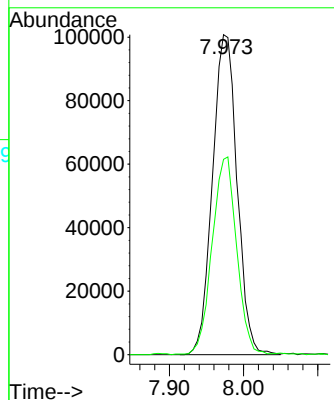


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD073322.D
Acq: 24 May 2022 13:57

Instrument :
MSVOA_D
ClientSampleId :
CL-1-051922

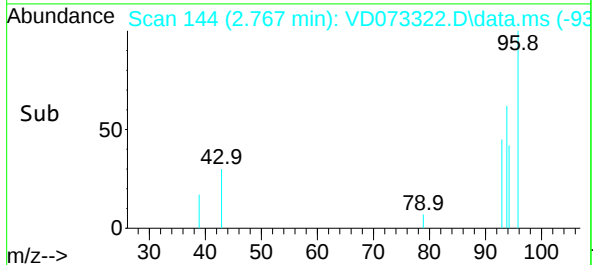
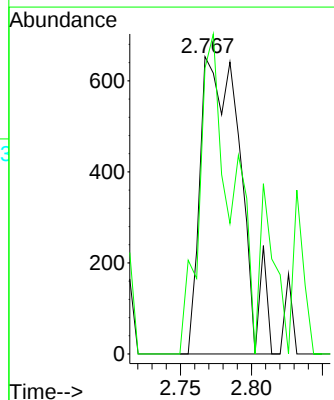
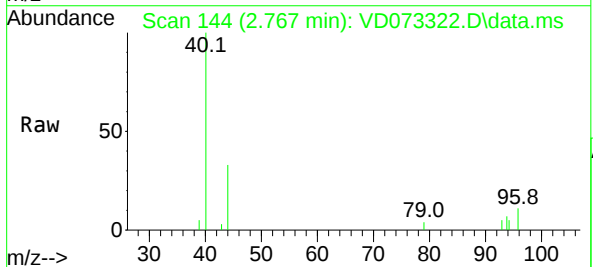


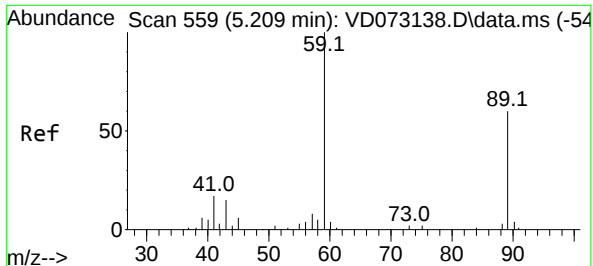
Tgt Ion:168 Resp: 232616
Ion Ratio Lower Upper
168 100
99 60.8 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.767 min Scan# 144
Delta R.T. -0.001 min
Lab File: VD073322.D
Acq: 24 May 2022 13:57

Tgt Ion: 94 Resp: 1296
Ion Ratio Lower Upper
94 100
96 96.2 77.6 116.4





#11

Tert butyl alcohol

Concen: 74.803 ug/l

RT: 5.185 min Scan# 51

Delta R.T. -0.024 min

Lab File: VD073322.D

Acq: 24 May 2022 13:57

Instrument :

MSVOA_D

ClientSampleId :

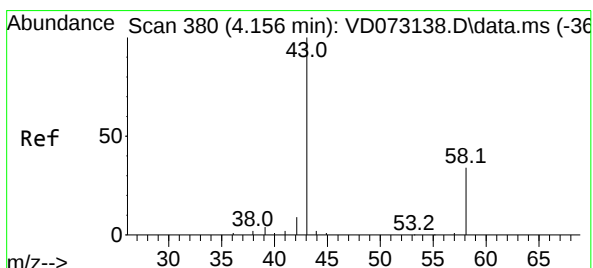
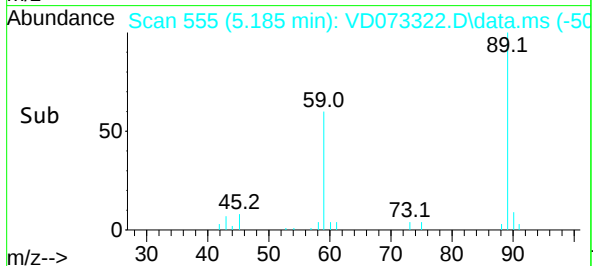
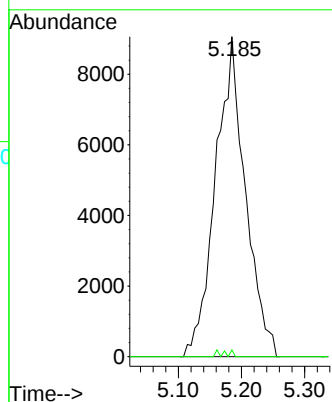
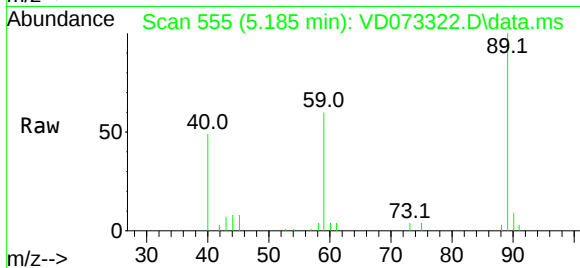
CL-1-051922

Tgt Ion: 59 Resp: 29835

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#16

Acetone

Concen: 39.425 ug/l

RT: 4.155 min Scan# 380

Delta R.T. -0.001 min

Lab File: VD073322.D

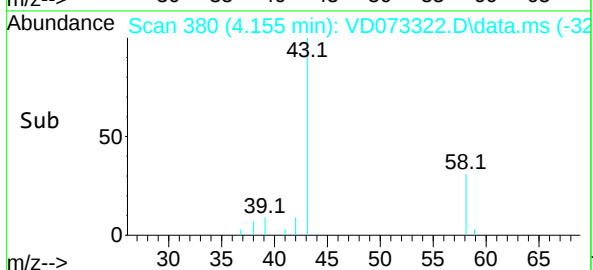
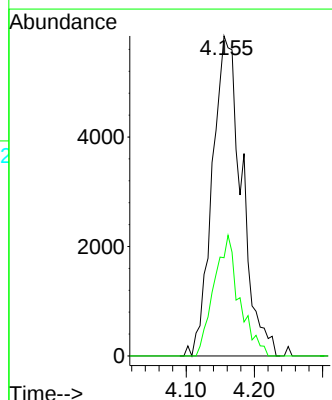
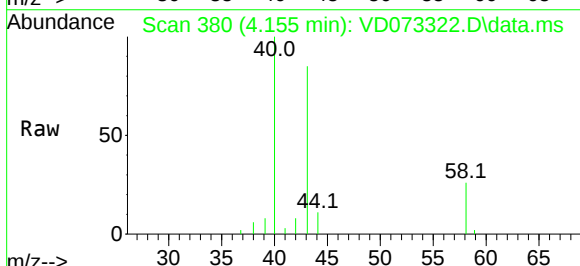
Acq: 24 May 2022 13:57

Tgt Ion: 43 Resp: 17555

Ion Ratio Lower Upper

43 100

58 30.7 22.1 33.1

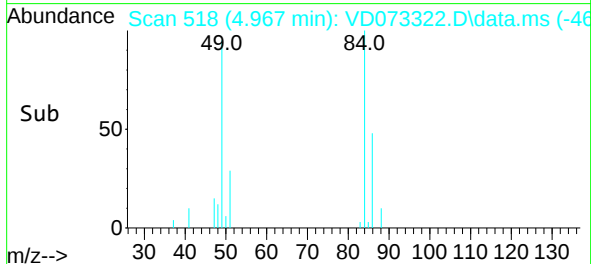
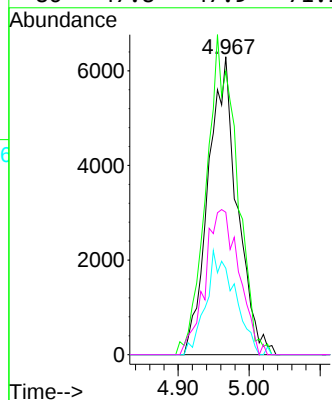
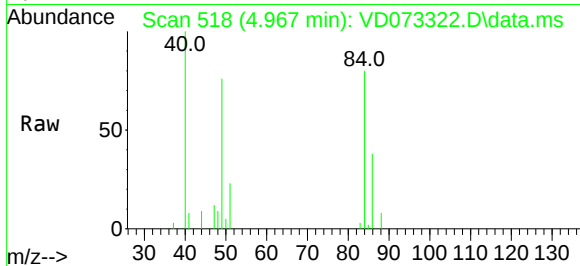




#20
Methylene Chloride
Concen: 2.554 ug/l
RT: 4.967 min Scan# 517
Delta R.T. 0.005 min
Lab File: VD073322.D
Acq: 24 May 2022 13:57

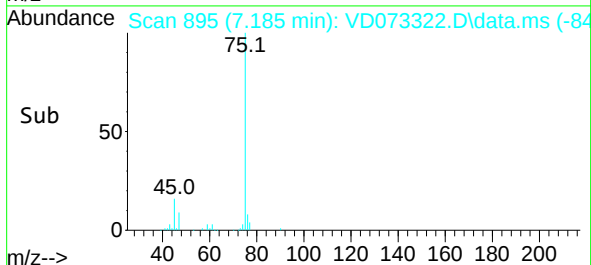
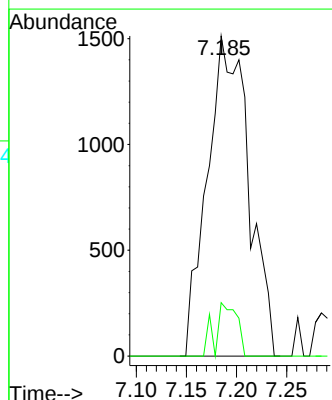
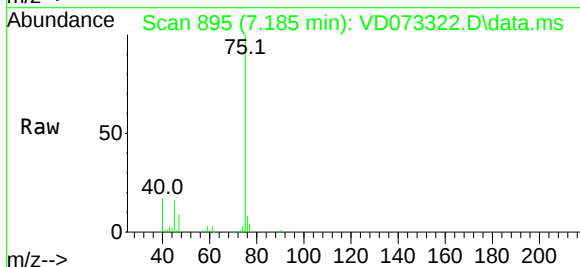
Instrument :
MSVOA_D
ClientSampleId :
CL-1-051922

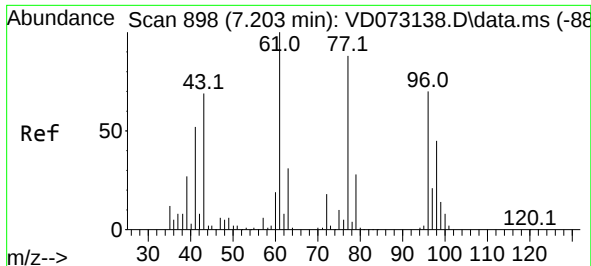
Tgt Ion:	84	Resp:	17914
Ion	Ratio	Lower	Upper
84	100		
49	95.1	112.8	169.2#
51	29.0	32.6	48.8#
86	47.8	47.9	71.9#



#25
2-Butanone
Concen: 6.685 ug/l
RT: 7.185 min Scan# 895
Delta R.T. -0.023 min
Lab File: VD073322.D
Acq: 24 May 2022 13:57

Tgt Ion:	43	Resp:	4355
Ion	Ratio	Lower	Upper
43	100		
72	16.7	18.6	27.8#





#26

2,2-Dichloropropane

Concen: 1.640 ug/l

RT: 7.179 min Scan# 89

Delta R.T. -0.024 min

Lab File: VD073322.D

Acq: 24 May 2022 13:57

Instrument :

MSVOA_D

ClientSampleId :

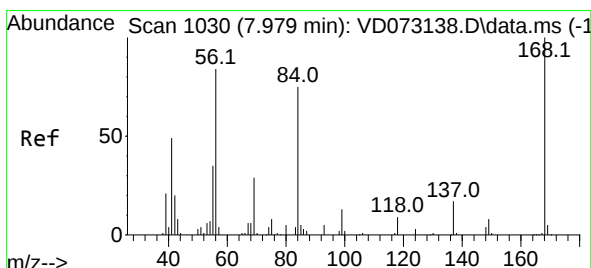
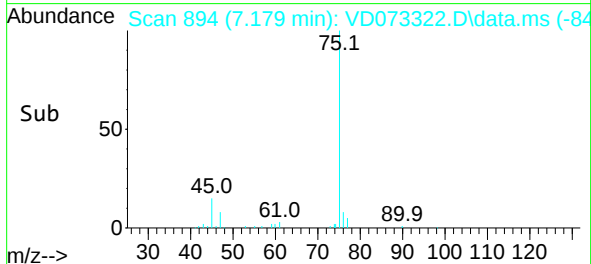
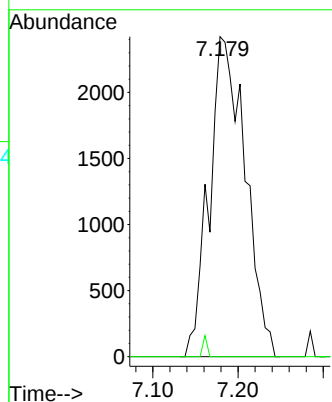
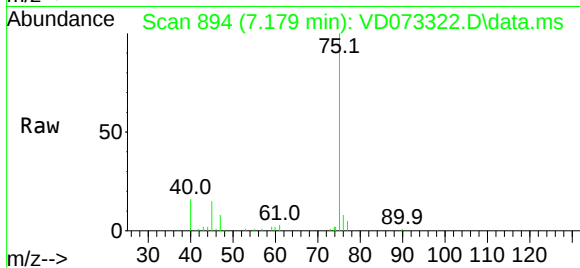
CL-1-051922

Tgt Ion: 77 Resp: 7102

Ion Ratio Lower Upper

77 100

97 0.8 10.8 32.4#



#31

Cyclohexane

Concen: 1.482 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD073322.D

Acq: 24 May 2022 13:57

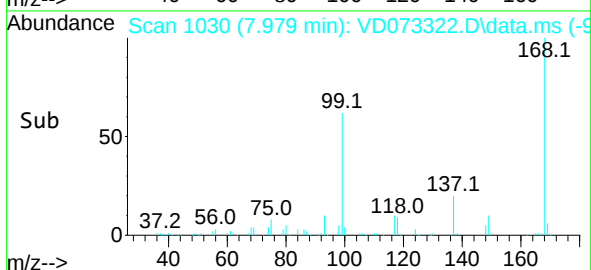
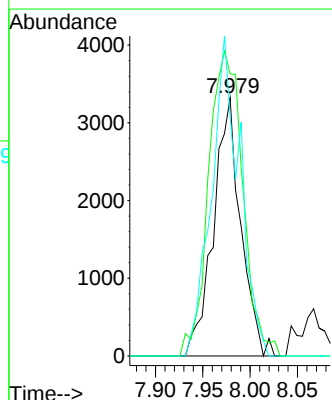
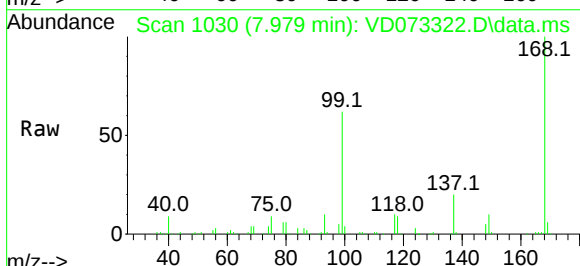
Tgt Ion: 56 Resp: 6656

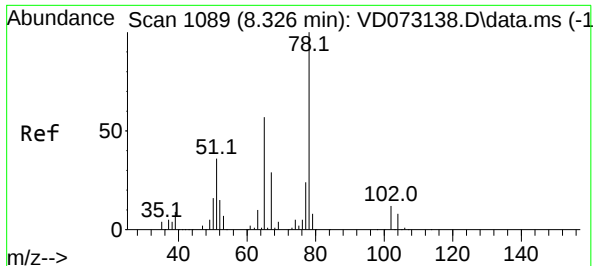
Ion Ratio Lower Upper

56 100

69 109.2 25.4 38.2#

84 92.7 63.0 94.4





#33

1,2-Dichloroethane-d4

Concen: 55.159 ug/l

RT: 8.326 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD073322.D

Acq: 24 May 2022 13:57

Instrument :

MSVOA_D

ClientSampleId :

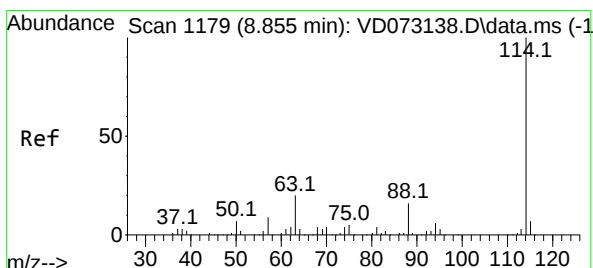
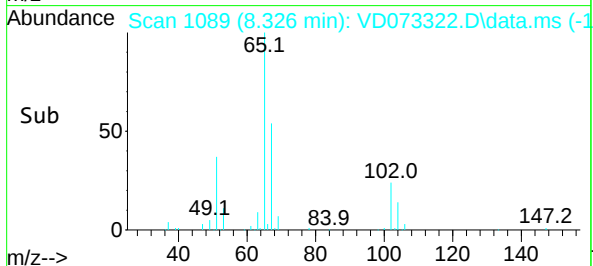
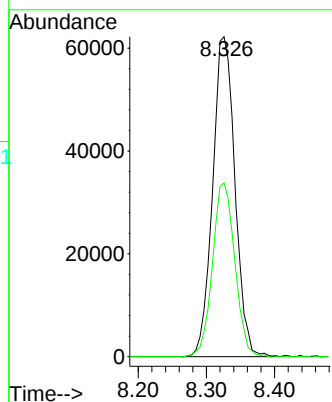
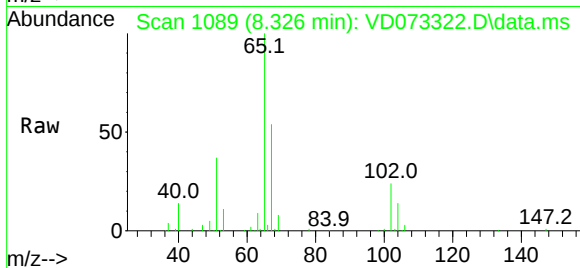
CL-1-051922

Tgt Ion: 65 Resp: 141800

Ion Ratio Lower Upper

65 100

67 54.3 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: VD073322.D

Acq: 24 May 2022 13:57

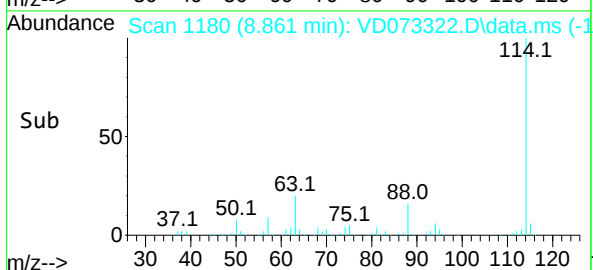
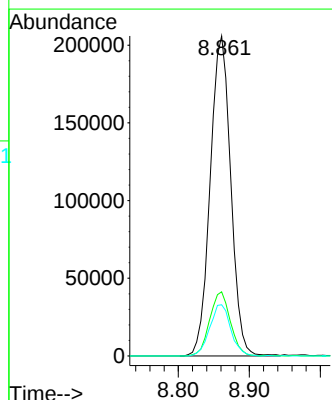
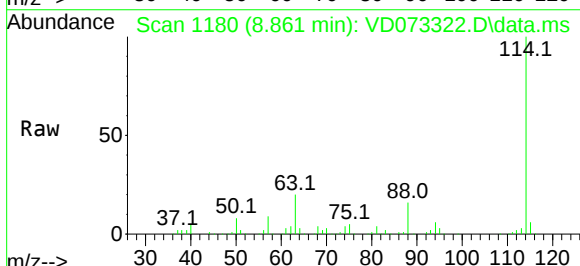
Tgt Ion: 114 Resp: 413005

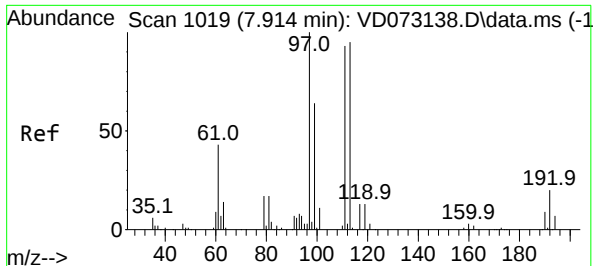
Ion Ratio Lower Upper

114 100

63 20.0 0.0 46.6

88 16.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 54.790 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073322.D

Acq: 24 May 2022 13:57

Instrument :

MSVOA_D

ClientSampleId :

CL-1-051922

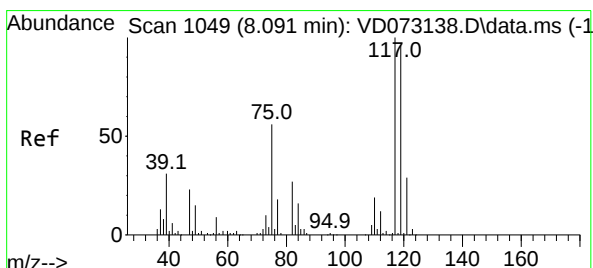
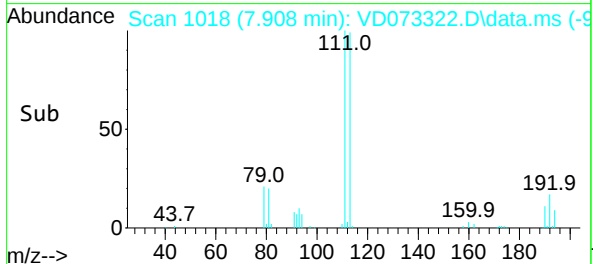
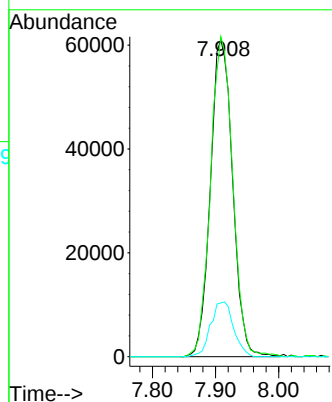
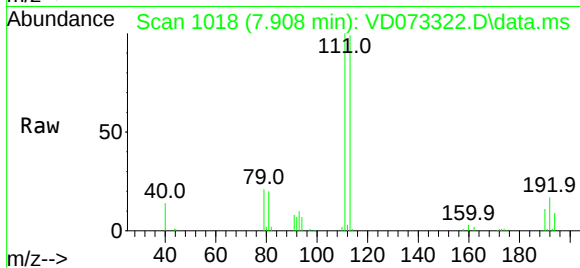
Tgt Ion:113 Resp: 149317

Ion Ratio Lower Upper

113 100

111 101.2 83.8 125.6

192 17.8 14.6 21.8



#38

Carbon Tetrachloride

Concen: 5.847 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.118 min

Lab File: VD073322.D

Acq: 24 May 2022 13:57

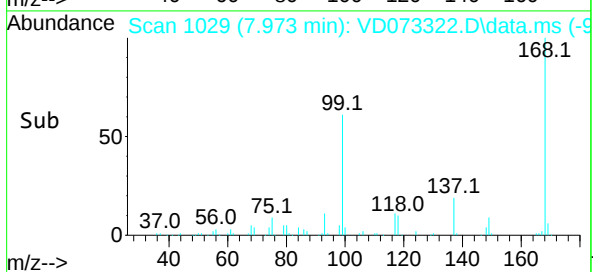
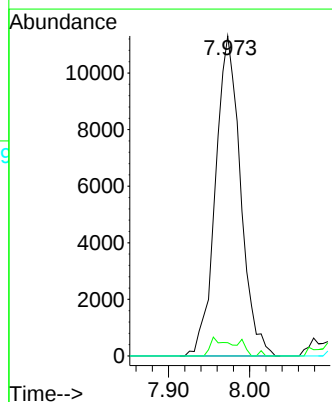
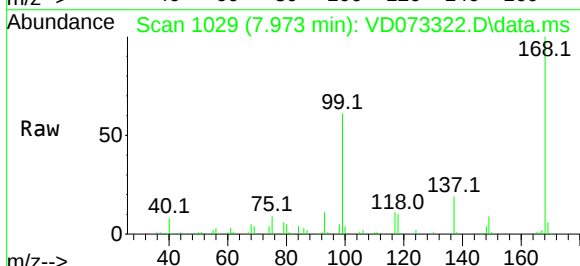
Tgt Ion:117 Resp: 24295

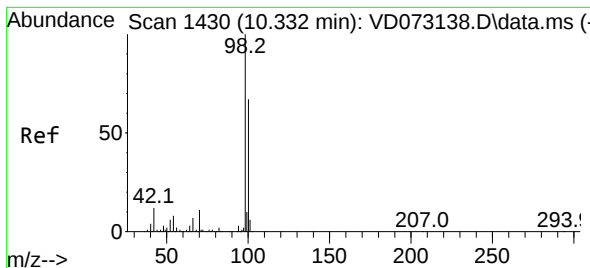
Ion Ratio Lower Upper

117 100

119 4.1 75.8 113.6#

121 0.0 24.5 36.7#

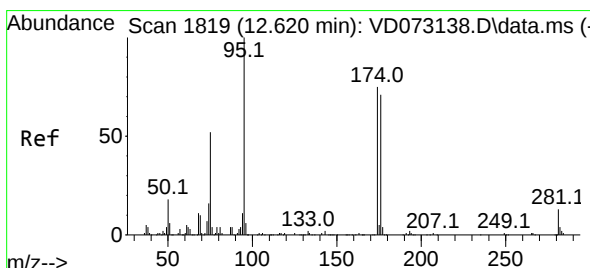
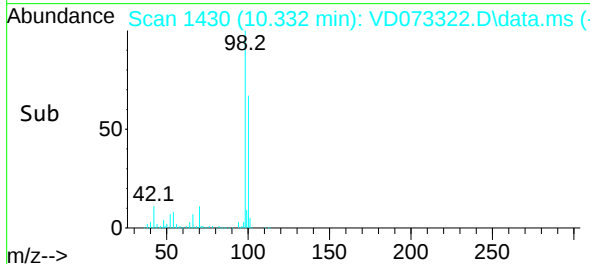
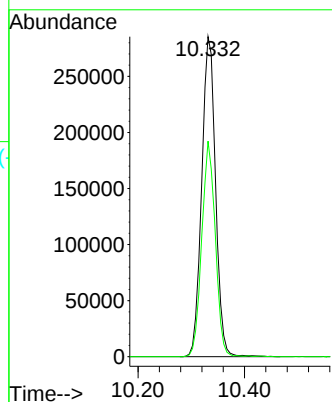
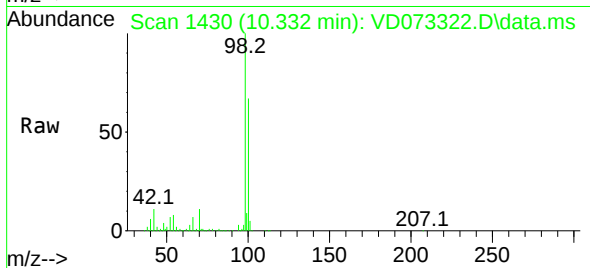




#50
Toluene-d8
Concen: 51.240 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073322.D
Acq: 24 May 2022 13:57

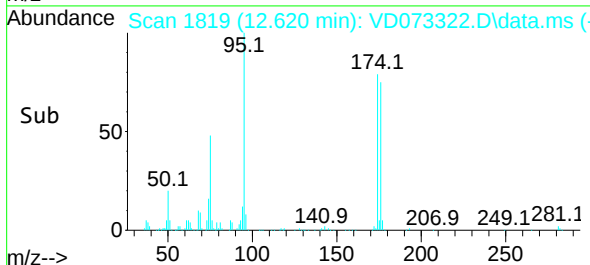
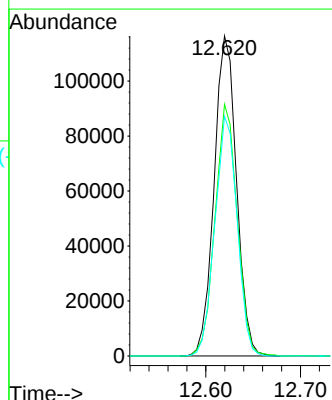
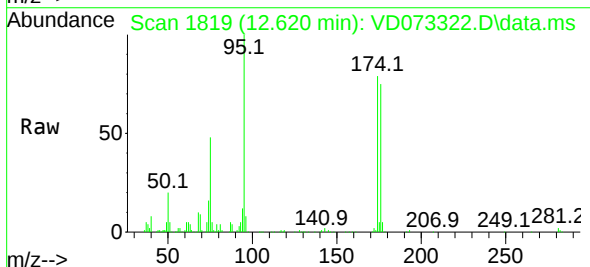
Instrument :
MSVOA_D
ClientSampleId :
CL-1-051922

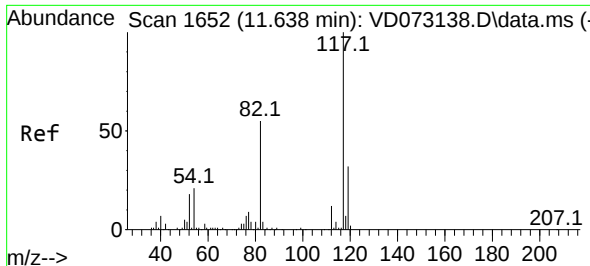
Tgt Ion: 98 Resp: 514762
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 54.206 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073322.D
Acq: 24 May 2022 13:57

Tgt Ion: 95 Resp: 191107
Ion Ratio Lower Upper
95 100
174 78.3 0.0 152.8
176 74.3 0.0 145.4

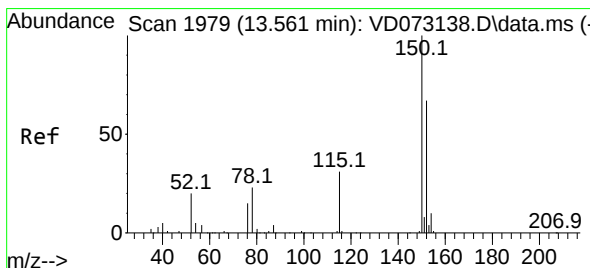
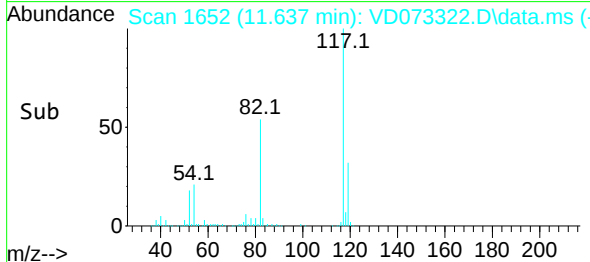
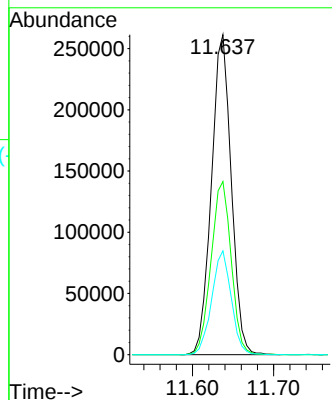
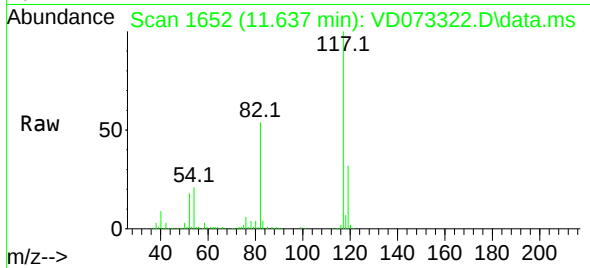




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. -0.001 min
Lab File: VD073322.D
Acq: 24 May 2022 13:57

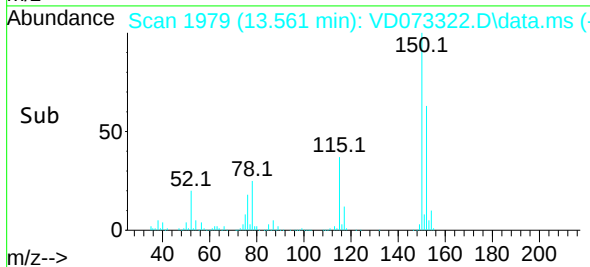
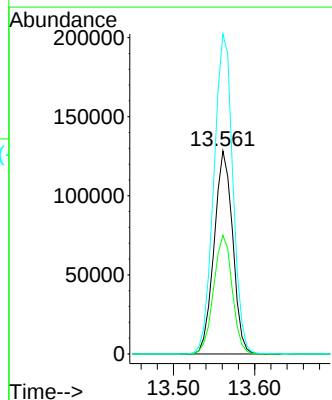
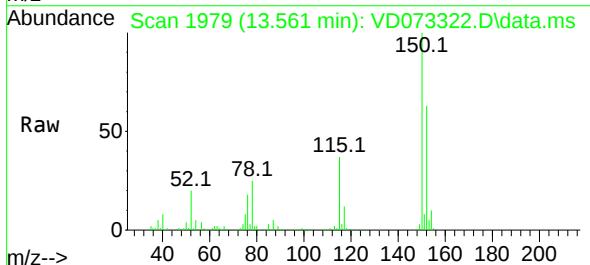
Instrument :
MSVOA_D
ClientSampleId :
CL-1-051922

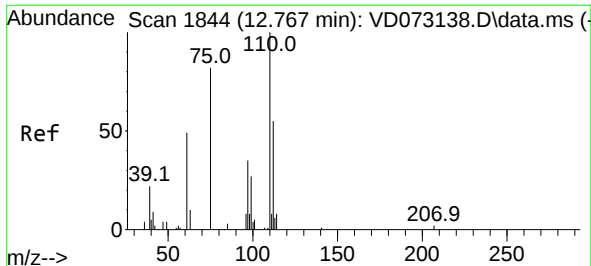
Tgt Ion:117 Resp: 443328
Ion Ratio Lower Upper
117 100
82 54.1 45.3 67.9
119 32.4 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073322.D
Acq: 24 May 2022 13:57

Tgt Ion:152 Resp: 203787
Ion Ratio Lower Upper
152 100
115 58.6 31.3 93.8
150 161.7 0.0 348.6

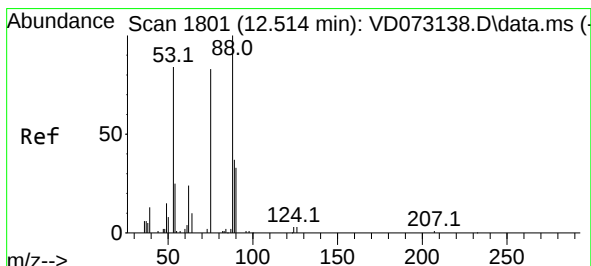
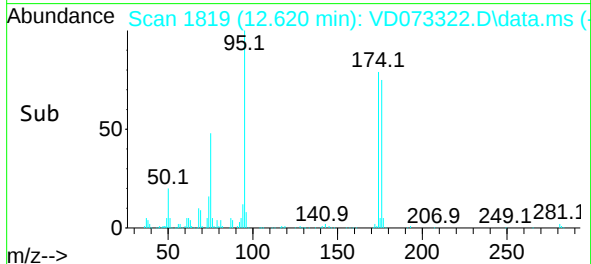
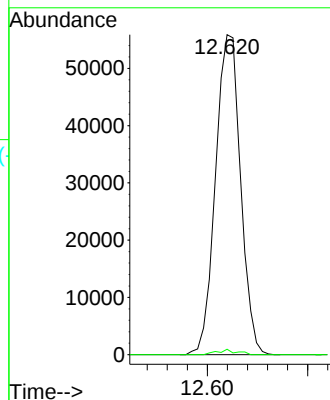
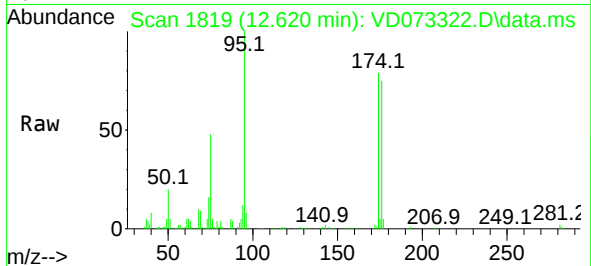




#76
1,2,3-Trichloropropane
Concen: 48.302 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073322.D
Acq: 24 May 2022 13:57

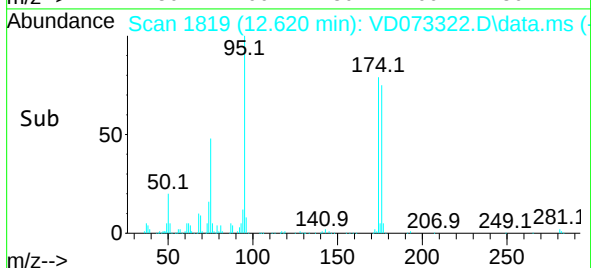
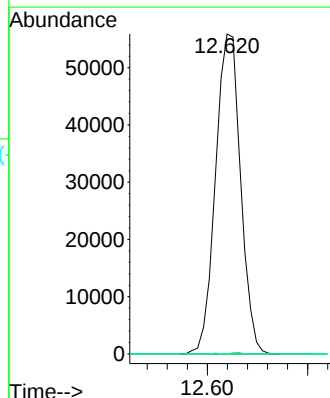
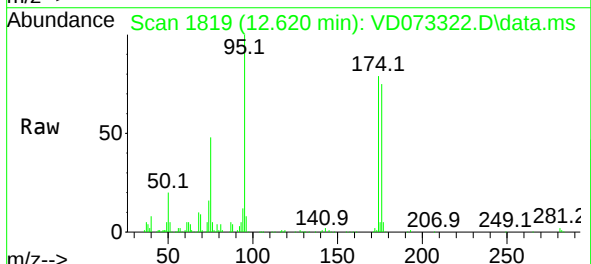
Instrument :
MSVOA_D
ClientSampleId :
CL-1-051922

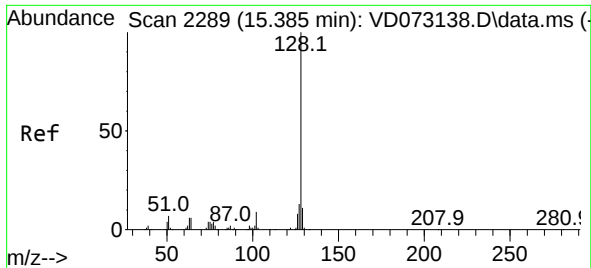
Tgt Ion: 75 Resp: 96580
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.958 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073322.D
Acq: 24 May 2022 13:57

Tgt Ion: 75 Resp: 96580
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.0 33.9 50.9#





#95

Naphthalene

Concen: 4.071 ug/l

RT: 15.378 min Scan# 21

Delta R.T. -0.007 min

Lab File: VD073322.D

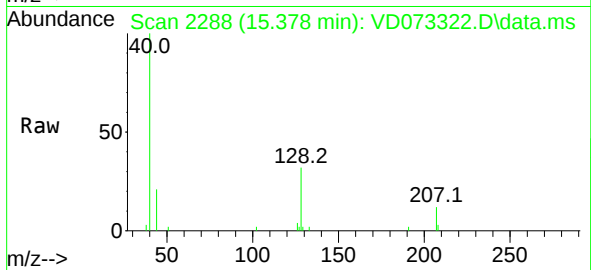
Acq: 24 May 2022 13:57

Instrument :

MSVOA_D

ClientSampleId :

CL-1-051922



Tgt Ion:128 Resp: 3803

Ion Ratio Lower Upper

128 100

127 14.1 10.3 15.5

129 10.0 8.4 12.6

