

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073348.D
 Acq On : 25 May 2022 03:47
 Operator : VA/SY
 Sample : N2886-04
 Misc : 4.36G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P020-SS001-0612-01

Quant Time: May 25 05:34:04 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)

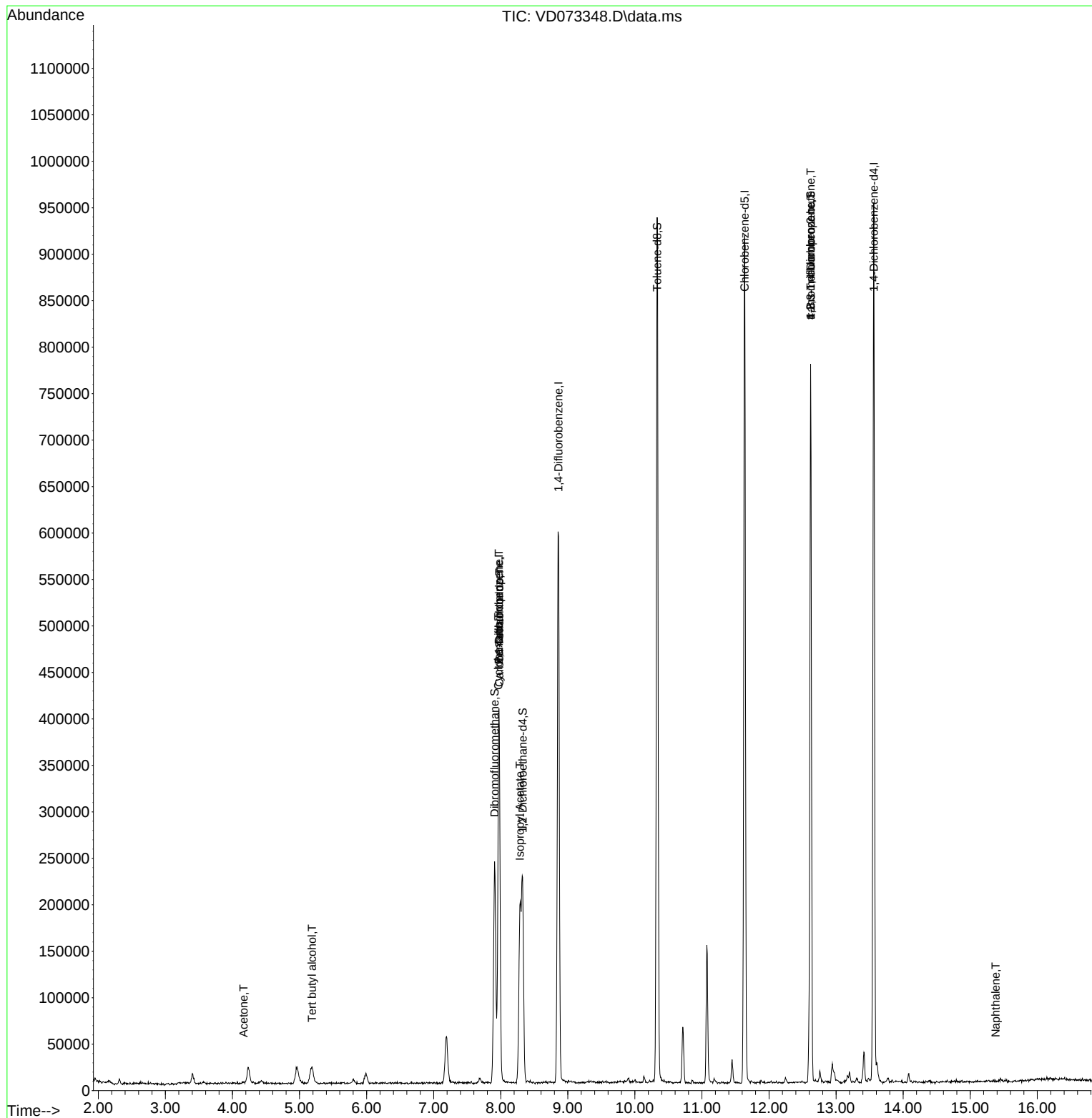
Internal Standards						
1) Pentafluorobenzene	7.973	168	294156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	525997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	540799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	247825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	156875	48.257	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 96.520%			
35) Dibromofluoromethane	7.909	113	174320	50.224	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.440%			
50) Toluene-d8	10.332	98	633876	49.543	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.080%			
62) 4-Bromofluorobenzene	12.620	95	241469	53.778	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.560%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.774	94	916	Below Cal	#	67
11) Tert butyl alcohol	5.185	59	16873	33.454	ug/l #	74
16) Acetone	4.168	43	3109	5.521	ug/l	92
20) Methylene Chloride	4.950	84	12671	Below Cal	#	73
31) Cyclohexane	7.967	56	7703	1.356	ug/l #	9
36) 1,1-Dichloropropene	7.973	75	24881	4.766	ug/l #	52
38) Carbon Tetrachloride	7.979	117	31102	5.878	ug/l #	16
43) Isopropyl Acetate	8.285	43	4798	1.259	ug/l #	11
76) 1,2,3-Trichloropropane	12.620	75	119442	49.121	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	119442	117.924	ug/l #	7
95) Naphthalene	15.379	128	225	3.567	ug/l #	70

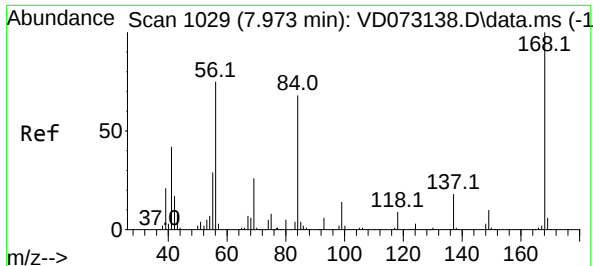
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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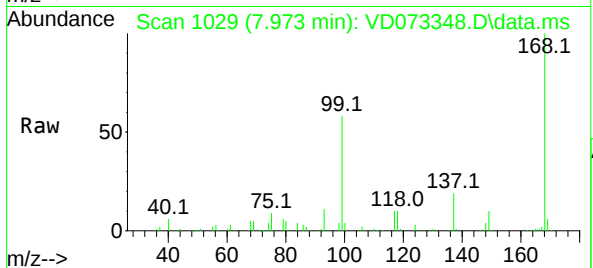
Quant Time: May 25 05:34:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
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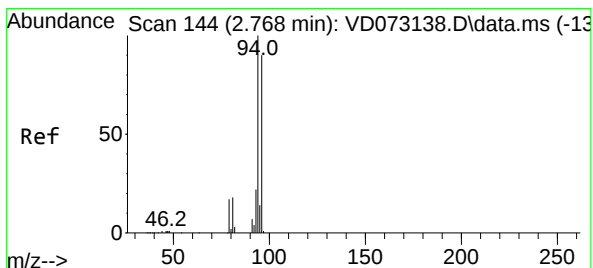
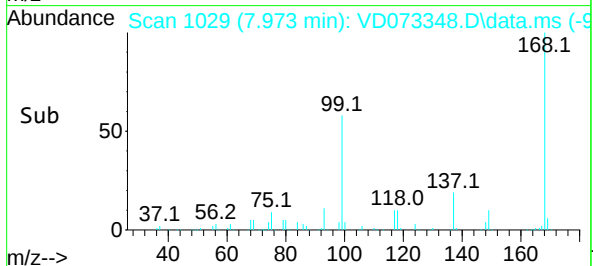
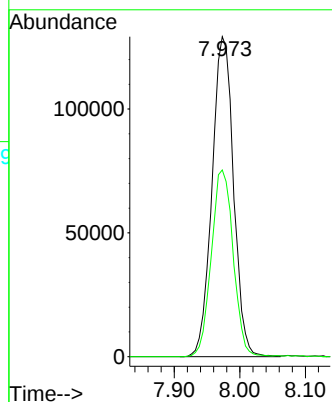


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073348.D
Acq: 25 May 2022 03:47

Instrument :
MSVOA_D
ClientSampleId :
P020-SS001-0612-01

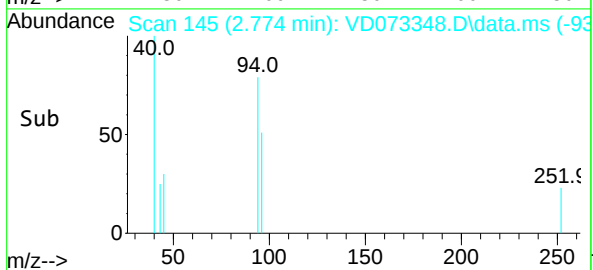
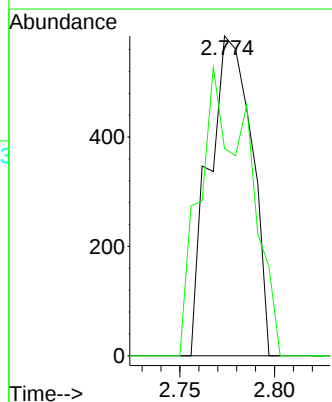
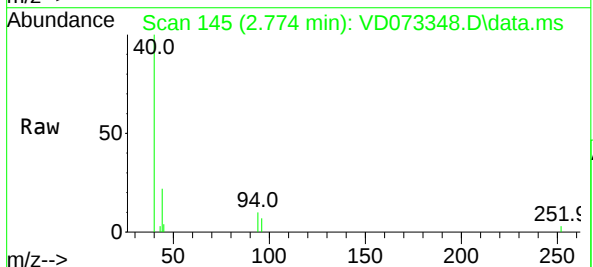


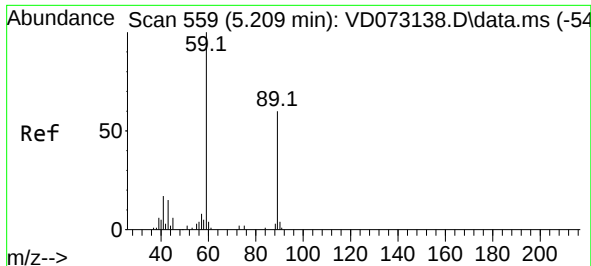
Tgt Ion:168 Resp: 294156
Ion Ratio Lower Upper
168 100
99 58.4 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.774 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD073348.D
Acq: 25 May 2022 03:47

Tgt Ion: 94 Resp: 916
Ion Ratio Lower Upper
94 100
96 64.8 77.6 116.4#





#11

Tert butyl alcohol

Concen: 33.454 ug/l

RT: 5.185 min Scan# 51

Delta R.T. -0.024 min

Lab File: VD073348.D

Acq: 25 May 2022 03:47

Instrument :

MSVOA_D

ClientSampleId :

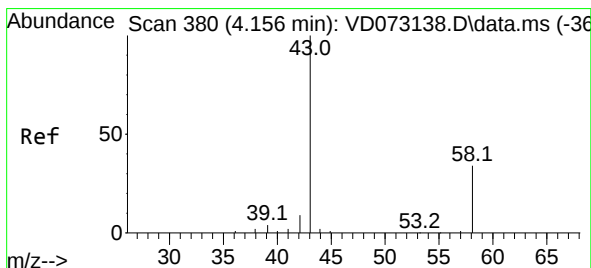
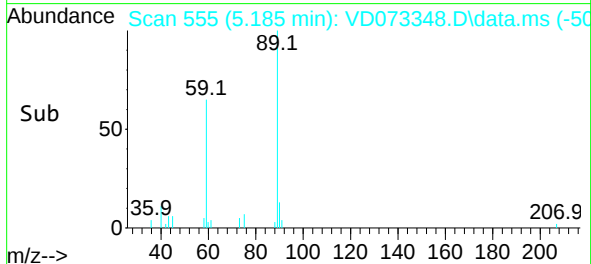
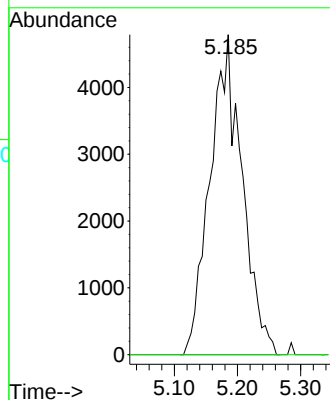
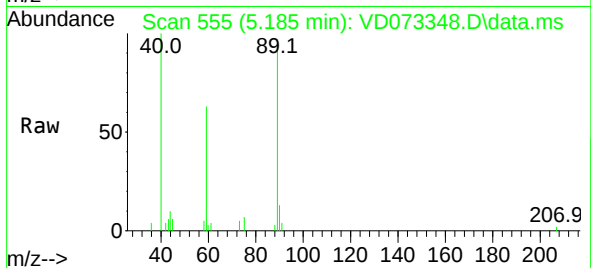
P020-SS001-0612-01

Tgt Ion: 59 Resp: 16873

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#16

Acetone

Concen: 5.521 ug/l

RT: 4.168 min Scan# 382

Delta R.T. 0.012 min

Lab File: VD073348.D

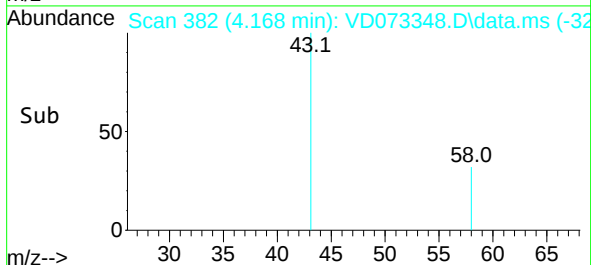
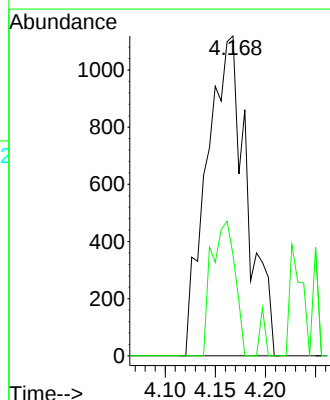
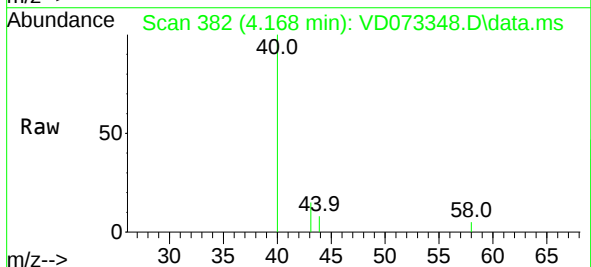
Acq: 25 May 2022 03:47

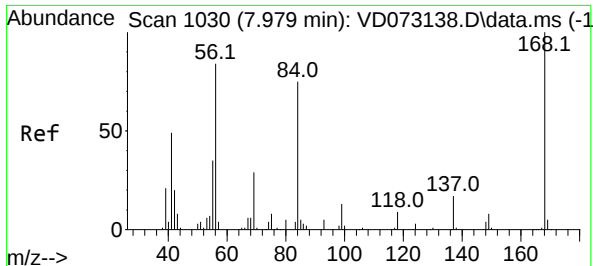
Tgt Ion: 43 Resp: 3109

Ion Ratio Lower Upper

43 100

58 31.6 22.1 33.1





#31

Cyclohexane

Concen: 1.356 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.012 min

Lab File: VD073348.D

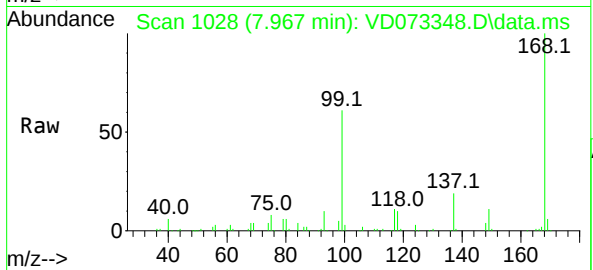
Acq: 25 May 2022 03:47

Instrument :

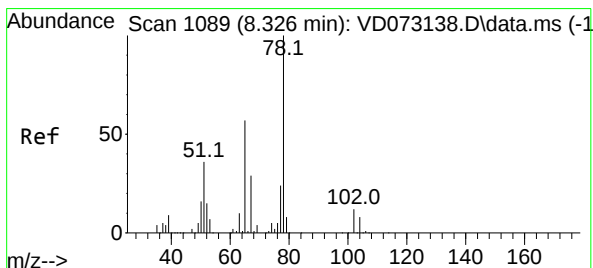
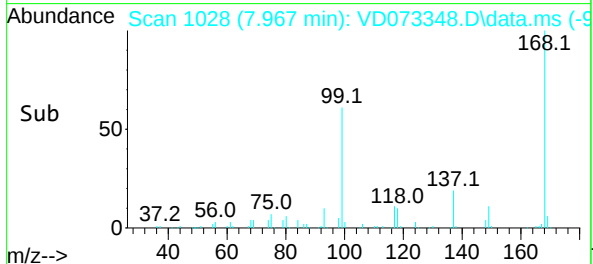
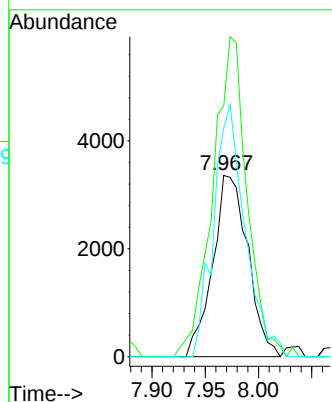
MSVOA_D

ClientSampleId :

P020-SS001-0612-01



Tgt Ion:	56	Resp:	7703
Ion	Ratio	Lower	Upper
56	100		
69	133.4	25.4	38.2#
84	126.1	63.0	94.4#



#33

1,2-Dichloroethane-d4

Concen: 48.257 ug/l

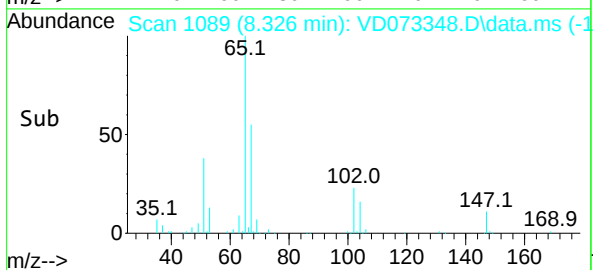
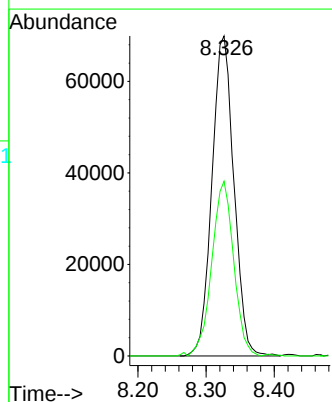
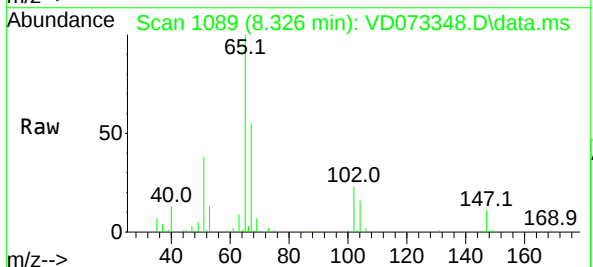
RT: 8.326 min Scan# 1089

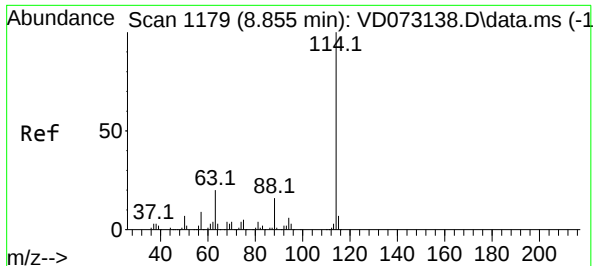
Delta R.T. 0.000 min

Lab File: VD073348.D

Acq: 25 May 2022 03:47

Tgt Ion:	65	Resp:	156875
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# 1179

Delta R.T. 0.006 min

Lab File: VD073348.D

Acq: 25 May 2022 03:47

Instrument :

MSVOA_D

ClientSampleId :

P020-SS001-0612-01

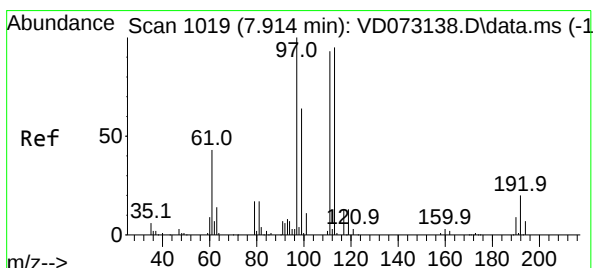
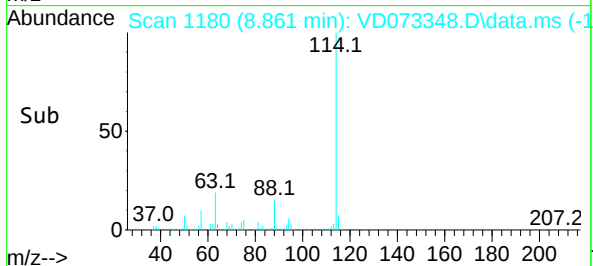
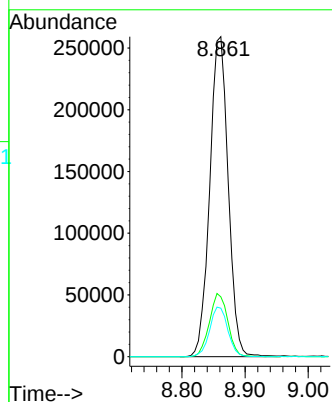
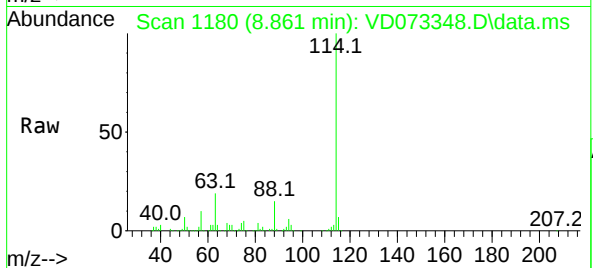
Tgt Ion:114 Resp: 525997

Ion Ratio Lower Upper

114 100

63 18.7 0.0 46.6

88 15.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.224 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073348.D

Acq: 25 May 2022 03:47

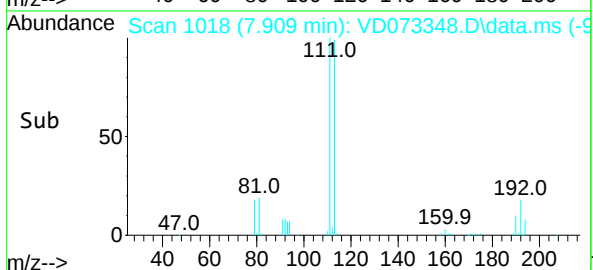
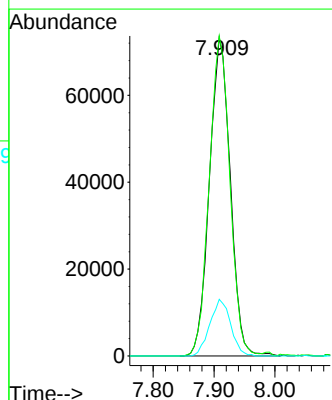
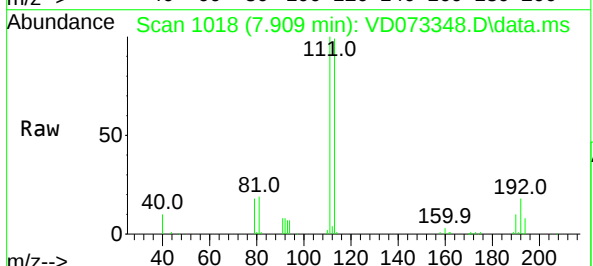
Tgt Ion:113 Resp: 174320

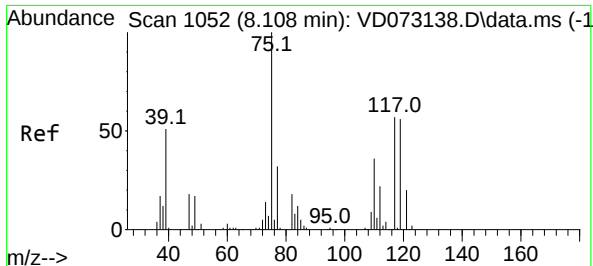
Ion Ratio Lower Upper

113 100

111 99.6 83.8 125.6

192 17.8 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.766 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD073348.D

Acq: 25 May 2022 03:47

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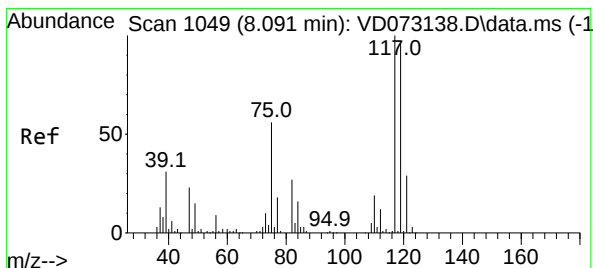
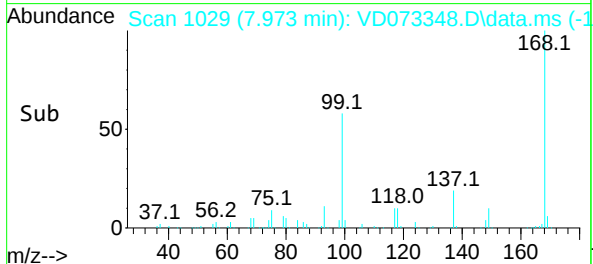
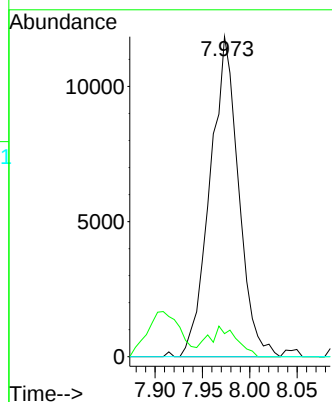
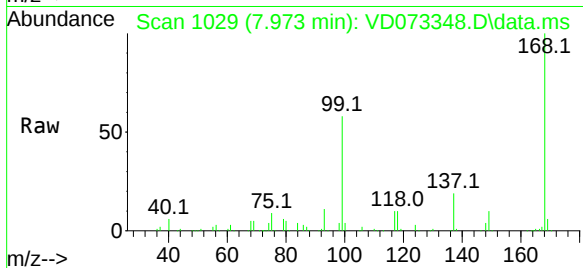
Tgt Ion: 75 Resp: 24881

Ion Ratio Lower Upper

75 100

110 9.3 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.878 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.112 min

Lab File: VD073348.D

Acq: 25 May 2022 03:47

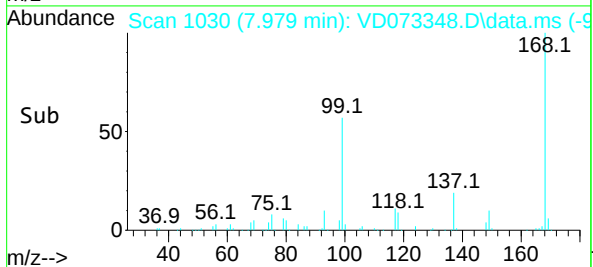
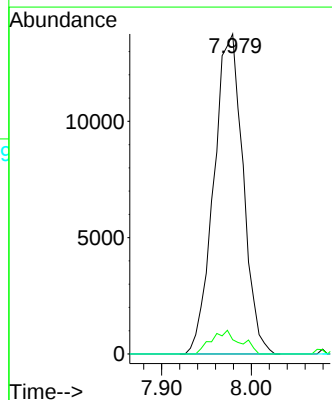
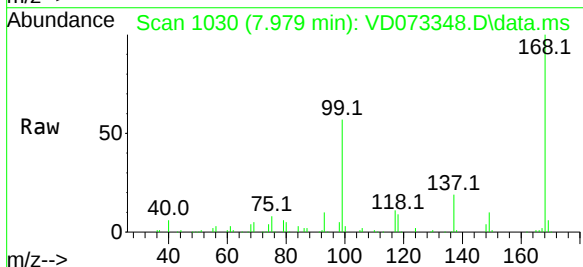
Tgt Ion: 117 Resp: 31102

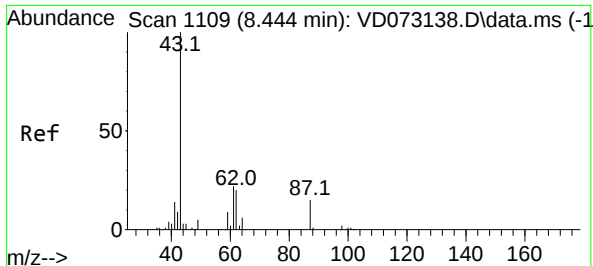
Ion Ratio Lower Upper

117 100

119 4.4 75.8 113.6#

121 0.0 24.5 36.7#





#43

Isopropyl Acetate

Concen: 1.259 ug/l

RT: 8.285 min Scan# 1082

Delta R.T. -0.159 min

Lab File: VD073348.D

Acq: 25 May 2022 03:47

Instrument :

MSVOA_D

ClientSampleId :

P020-SS001-0612-01

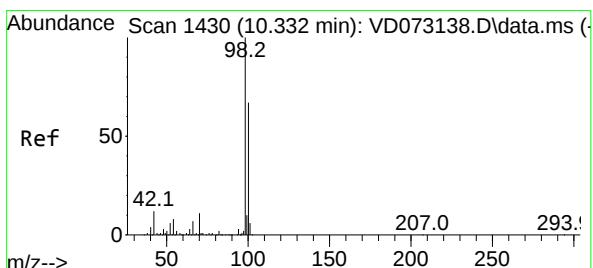
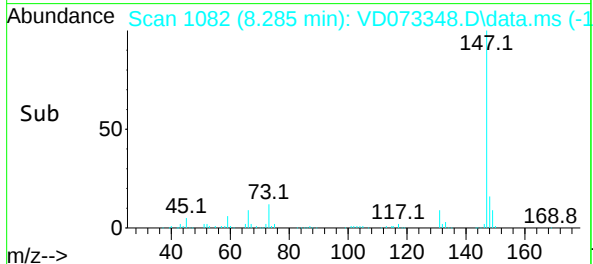
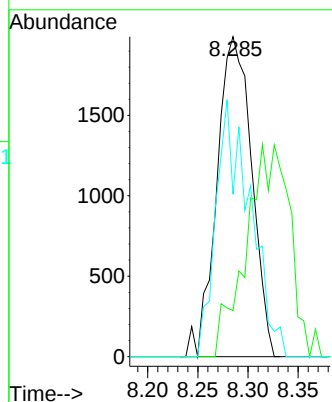
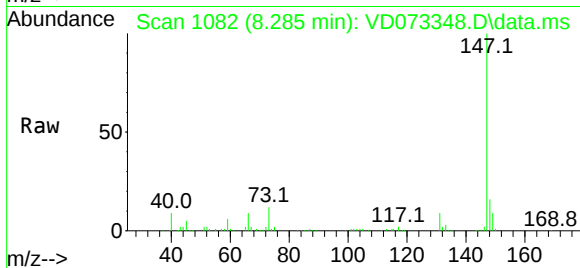
Tgt Ion: 43 Resp: 4798

Ion Ratio Lower Upper

43 100

61 0.0 22.4 33.6#

87 79.0 8.7 13.1#



#50

Toluene-d8

Concen: 49.543 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073348.D

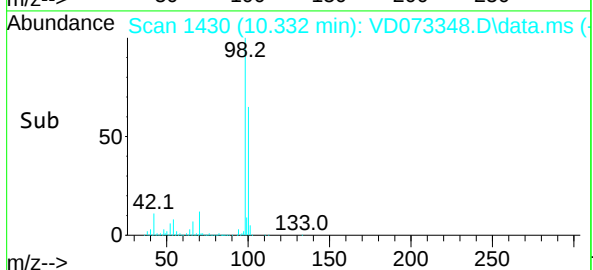
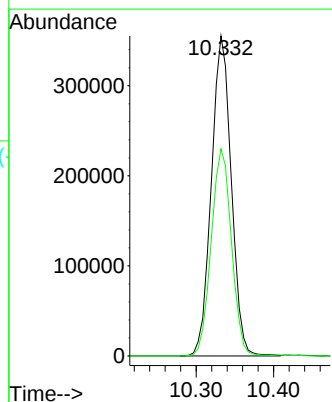
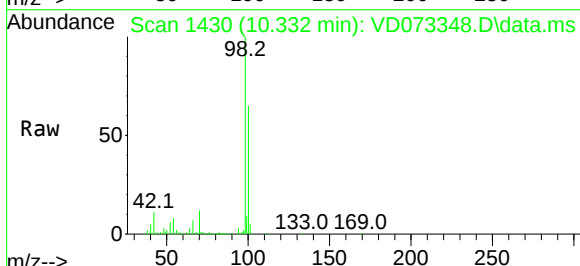
Acq: 25 May 2022 03:47

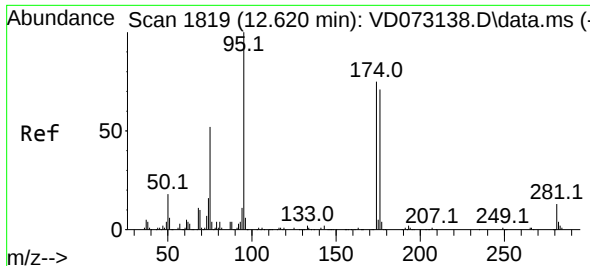
Tgt Ion: 98 Resp: 633876

Ion Ratio Lower Upper

98 100

100 65.8 52.4 78.6

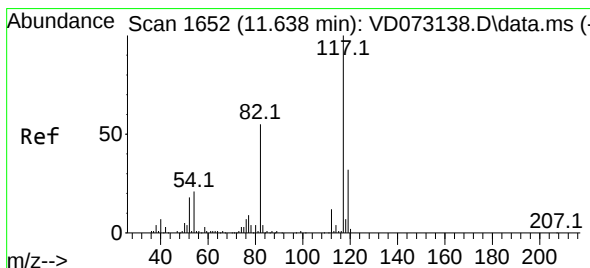
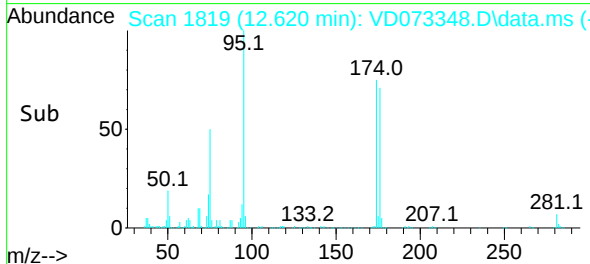
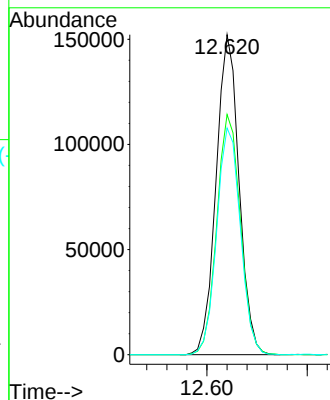
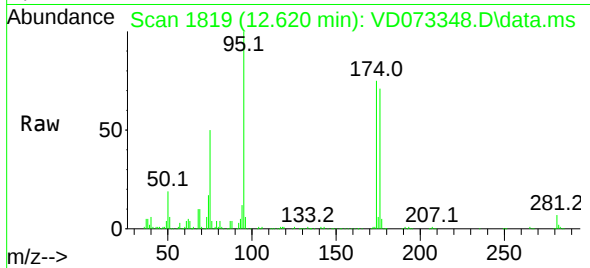




#62
4-Bromofluorobenzene
Concen: 53.778 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073348.D
Acq: 25 May 2022 03:47

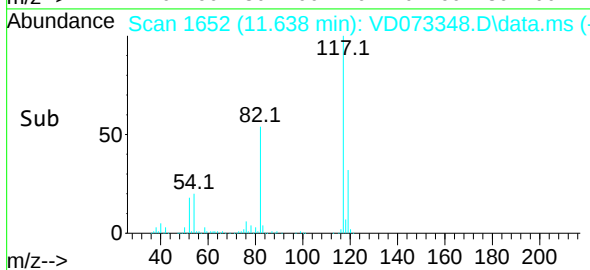
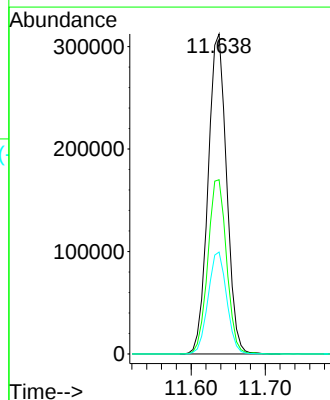
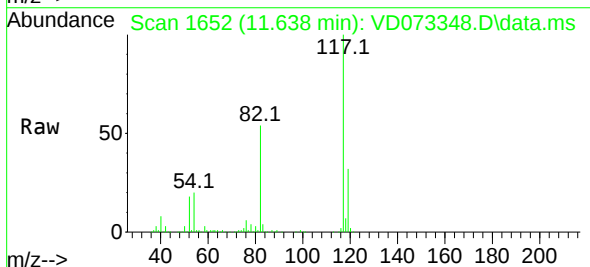
Instrument :
MSVOA_D
ClientSampleId :
P020-SS001-0612-01

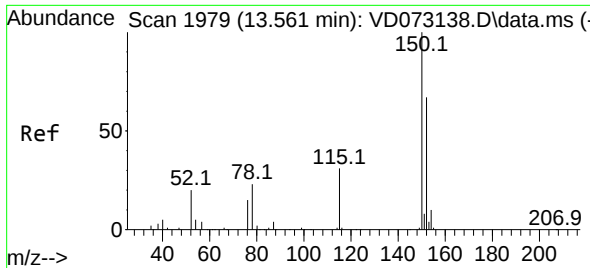
Tgt Ion: 95 Resp: 241469
Ion Ratio Lower Upper
95 100
174 77.0 0.0 152.8
176 73.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073348.D
Acq: 25 May 2022 03:47

Tgt Ion: 117 Resp: 540799
Ion Ratio Lower Upper
117 100
82 54.5 45.3 67.9
119 31.9 26.6 40.0

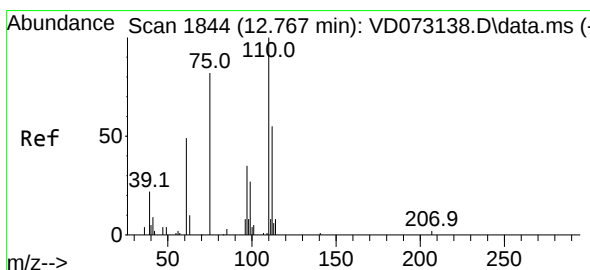
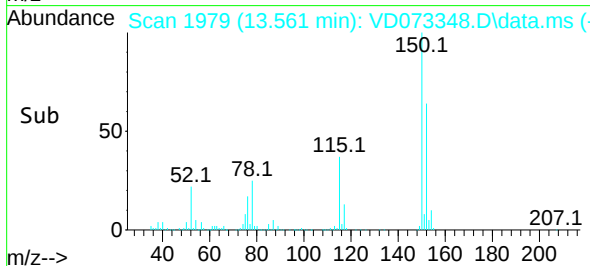
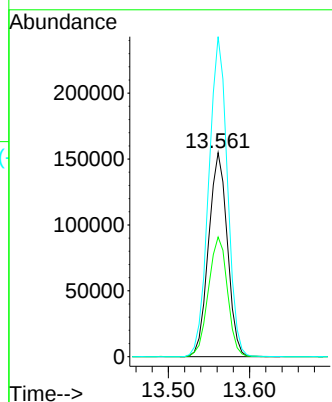
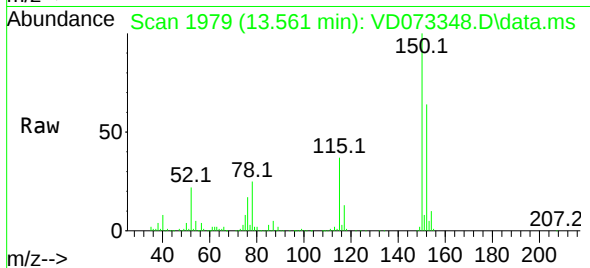




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073348.D
 Acq: 25 May 2022 03:47

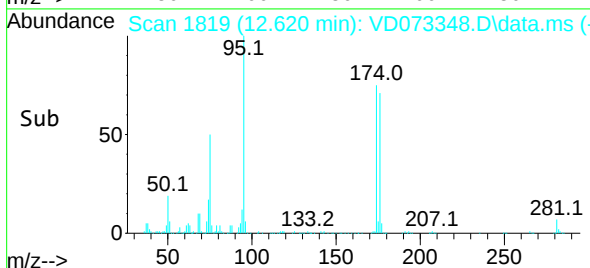
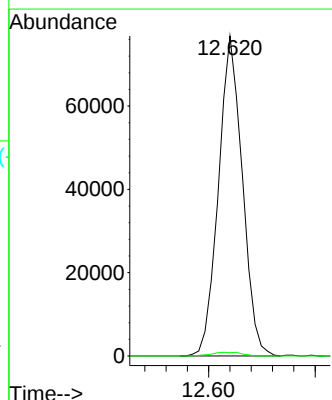
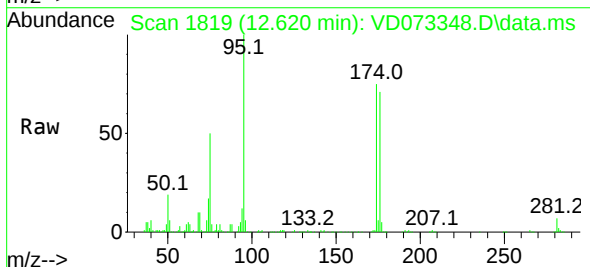
Instrument :
 MSVOA_D
 ClientSampleId :
 P020-SS001-0612-01

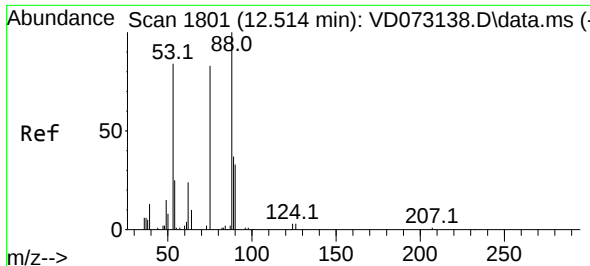
Tgt Ion:152 Resp: 247825
 Ion Ratio Lower Upper
 152 100
 115 59.5 31.3 93.8
 150 156.3 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 49.121 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD073348.D
 Acq: 25 May 2022 03:47

Tgt Ion: 75 Resp: 119442
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

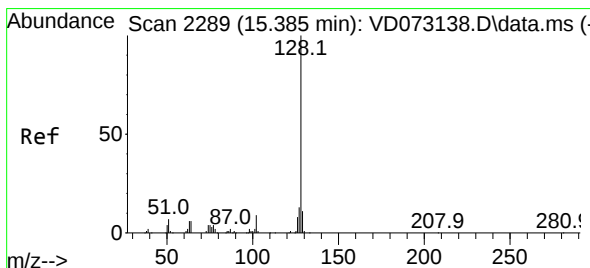
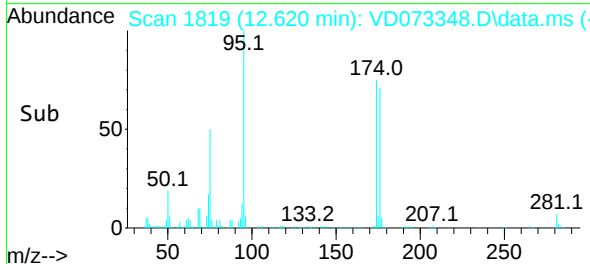
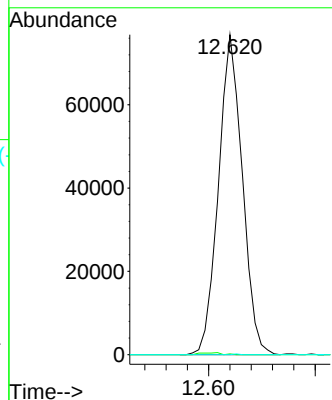
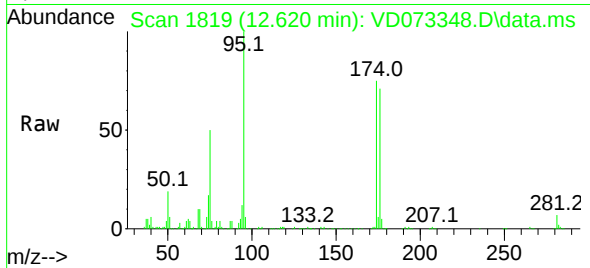




#81
trans-1,4-Dichloro-2-butene
Concen: 117.924 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073348.D
Acq: 25 May 2022 03:47

Instrument :
MSVOA_D
ClientSampleId :
P020-SS001-0612-01

Tgt Ion: 75 Resp: 119442
Ion Ratio Lower Upper
75 100
53 0.5 86.5 129.7#
89 0.1 33.9 50.9#



#95
Naphthalene
Concen: 3.567 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD073348.D
Acq: 25 May 2022 03:47

Tgt Ion: 128 Resp: 225
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

