

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073347.D
 Acq On : 25 May 2022 03:18
 Operator : VA/SY
 Sample : N2886-03
 Misc : 4.71G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P020-SS001-0006-01

Quant Time: May 25 05:33:45 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)

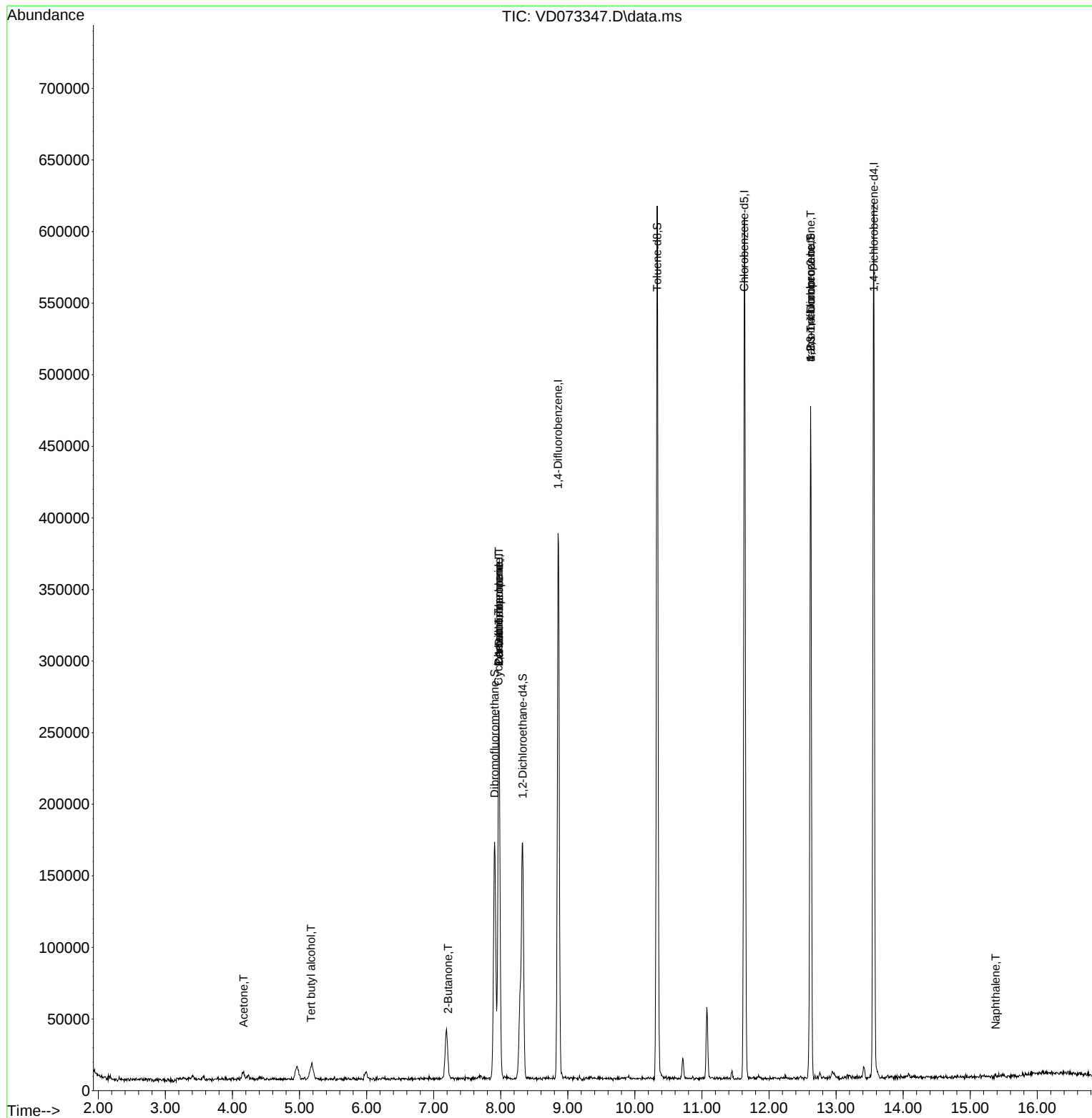
Internal Standards						
1) Pentafluorobenzene	7.973	168	182165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	325402	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	358439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	159628	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	127297	63.232	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.460%	
35) Dibromofluoromethane	7.909	113	124156	57.822	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.640%	
50) Toluene-d8	10.332	98	400484	50.597	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.200%	
62) 4-Bromofluorobenzene	12.620	95	150871	54.314	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.620%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.773	94	708	Below Cal	#	58
11) Tert butyl alcohol	5.173	59	10421	33.364	ug/l #	74
16) Acetone	4.168	43	9060	25.982	ug/l	95
20) Methylene Chloride	4.962	84	7571	Below Cal	#	76
25) 2-Butanone	7.214	43	976	1.913	ug/l #	52
31) Cyclohexane	7.967	56	4606	1.309	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	14911	4.617	ug/l #	52
38) Carbon Tetrachloride	7.973	117	18991	5.801	ug/l #	18
76) 1,2,3-Trichloropropane	12.620	75	79536	50.782	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	79536	121.912	ug/l #	7
95) Naphthalene	15.379	128	229	3.582	ug/l #	70

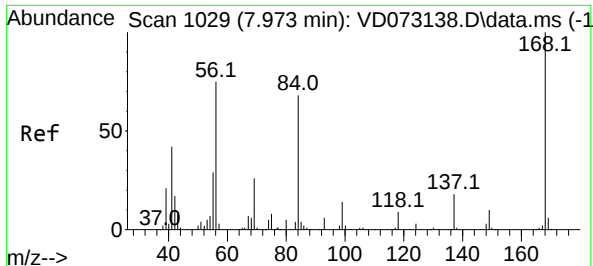
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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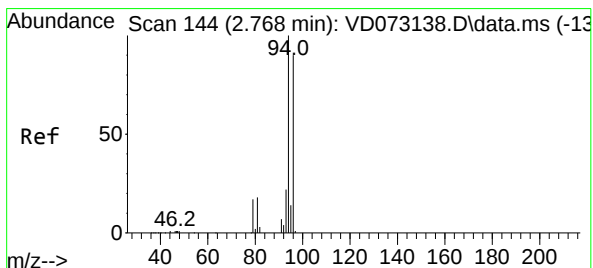
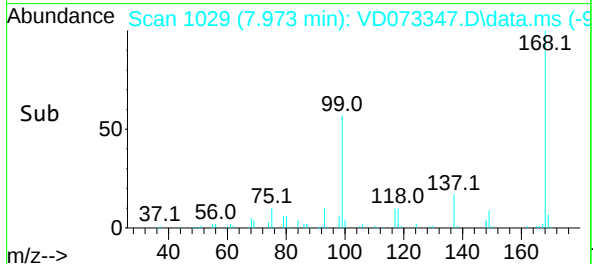
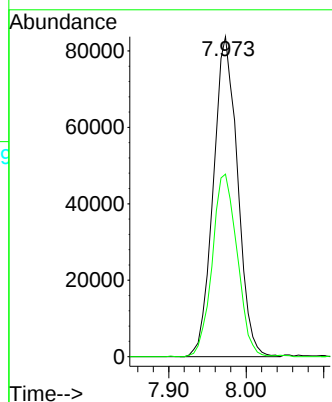
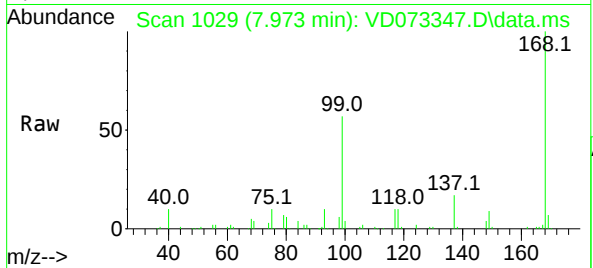




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073347.D
Acq: 25 May 2022 03:18

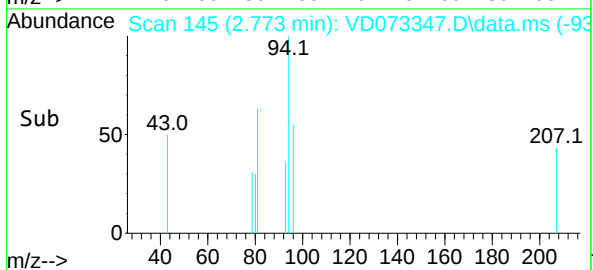
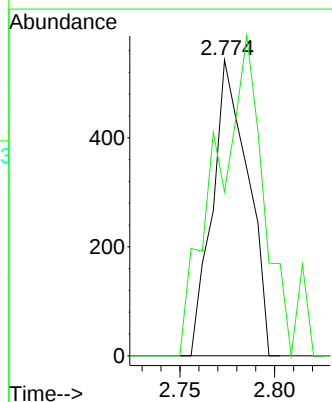
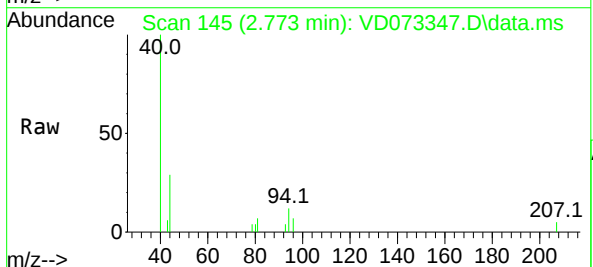
Instrument :
MSVOA_D
ClientSampleId :
P020-SS001-0006-01

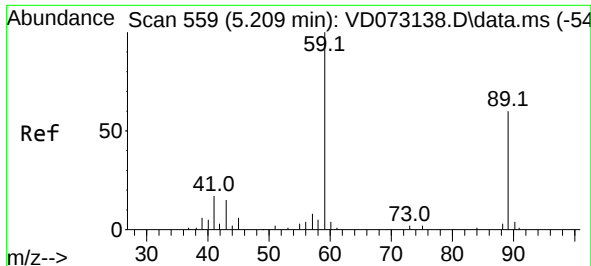
Tgt Ion:168 Resp: 182165
Ion Ratio Lower Upper
168 100
99 57.1 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD073347.D
Acq: 25 May 2022 03:18

Tgt Ion: 94 Resp: 708
Ion Ratio Lower Upper
94 100
96 55.4 77.6 116.4#





#11

Tert butyl alcohol

Concen: 33.364 ug/l

RT: 5.173 min Scan# 51

Delta R.T. -0.036 min

Lab File: VD073347.D

Acq: 25 May 2022 03:18

Instrument :

MSVOA_D

ClientSampleId :

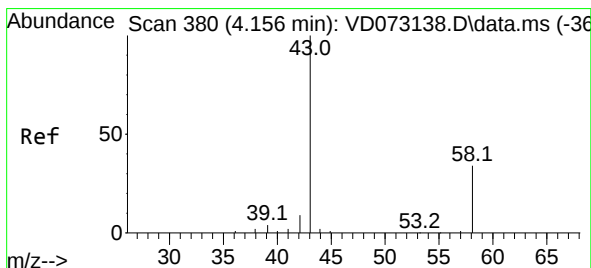
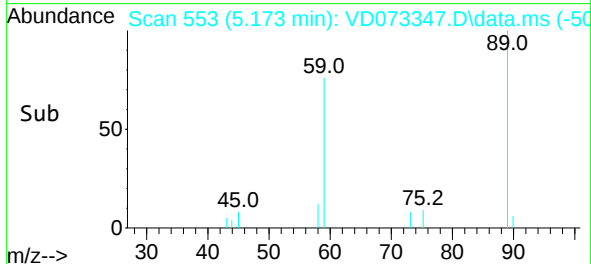
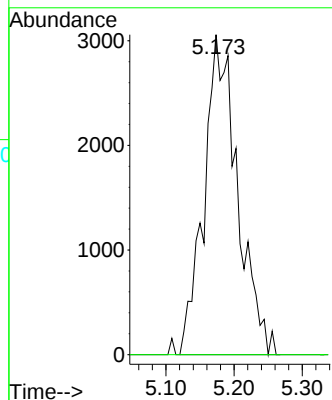
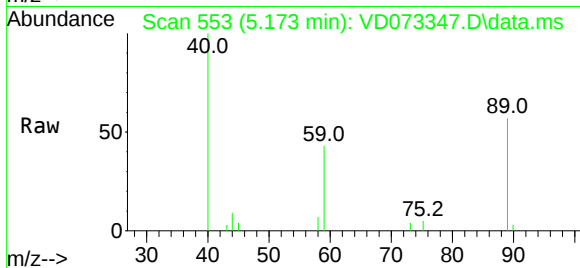
P020-SS001-0006-01

Tgt Ion: 59 Resp: 10421

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#16

Acetone

Concen: 25.982 ug/l

RT: 4.168 min Scan# 382

Delta R.T. 0.012 min

Lab File: VD073347.D

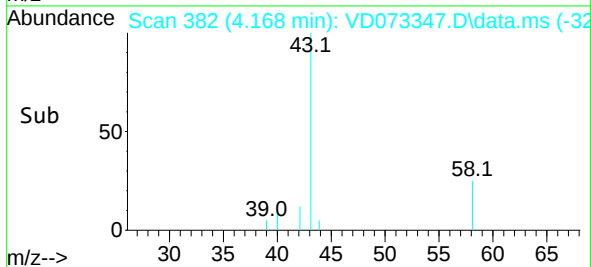
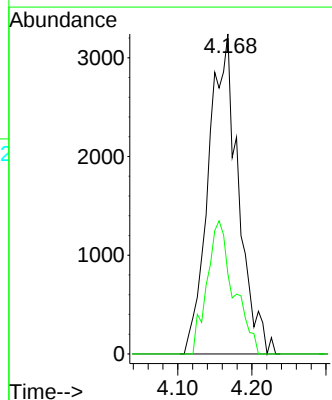
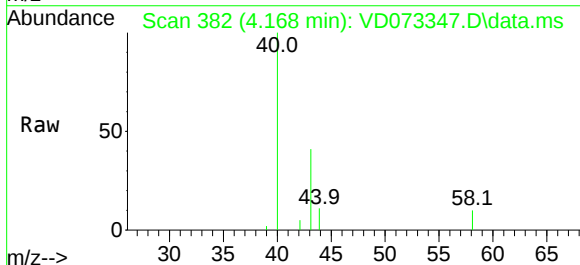
Acq: 25 May 2022 03:18

Tgt Ion: 43 Resp: 9060

Ion Ratio Lower Upper

43 100

58 25.1 22.1 33.1

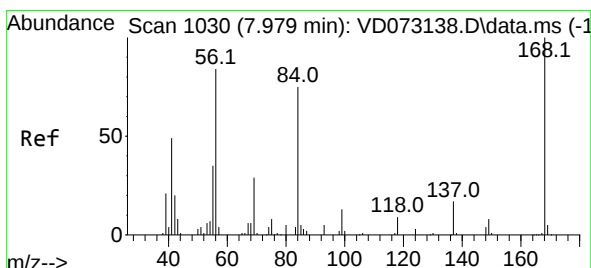
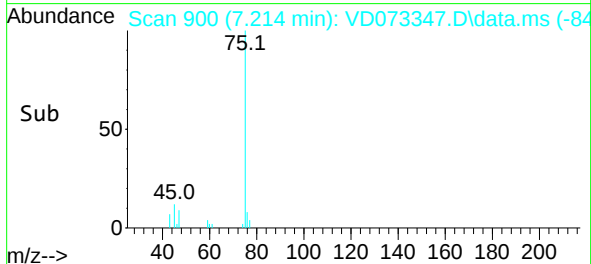
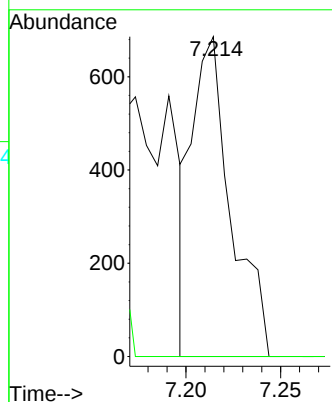
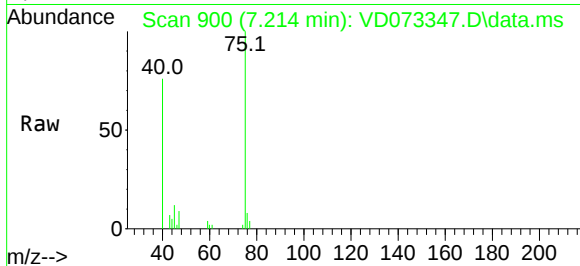




#25
2-Butanone
Concen: 1.913 ug/l
RT: 7.214 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD073347.D
Acq: 25 May 2022 03:18

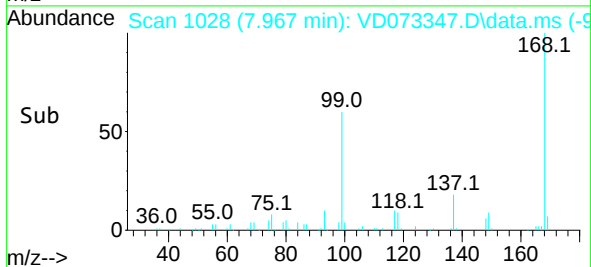
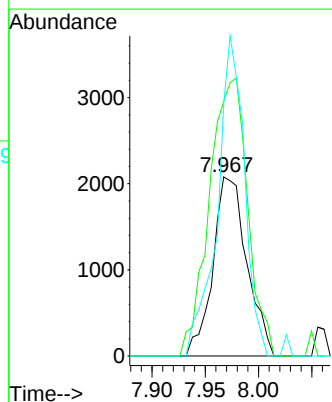
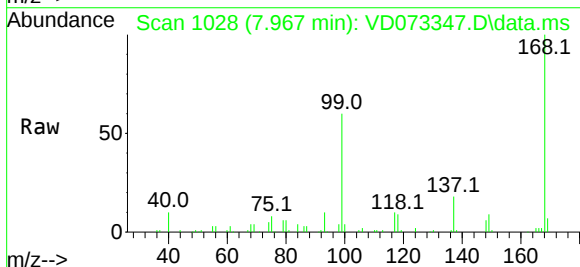
Instrument :
MSVOA_D
ClientSampleId :
P020-SS001-0006-01

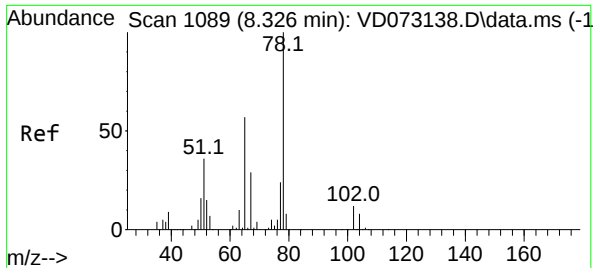
Tgt Ion: 43 Resp: 976
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.309 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD073347.D
Acq: 25 May 2022 03:18

Tgt Ion: 56 Resp: 4606
Ion Ratio Lower Upper
56 100
69 142.0 25.4 38.2#
84 140.8 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 63.232 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073347.D

Acq: 25 May 2022 03:18

Instrument :

MSVOA_D

ClientSampleId :

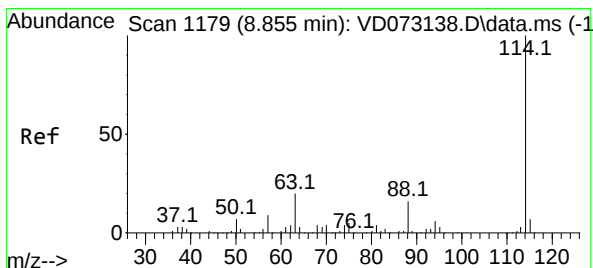
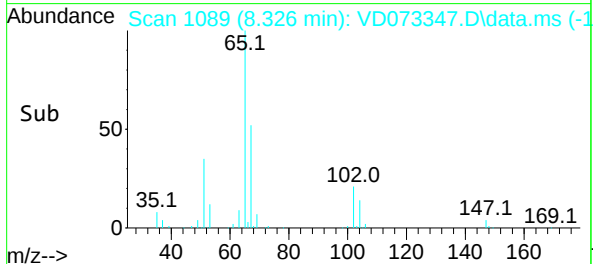
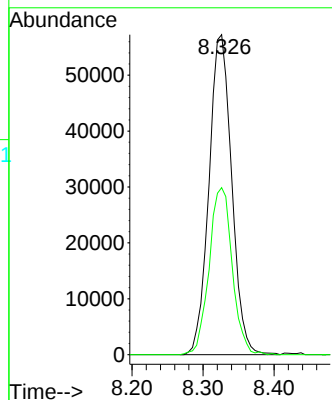
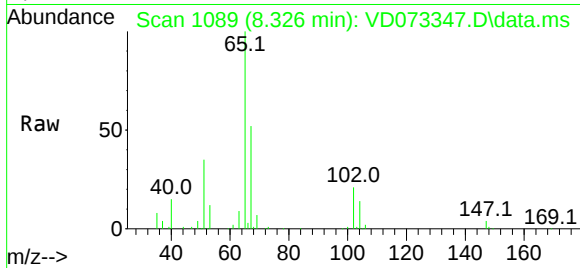
P020-SS001-0006-01

Tgt Ion: 65 Resp: 127297

Ion Ratio Lower Upper

65 100

67 53.1 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073347.D

Acq: 25 May 2022 03:18

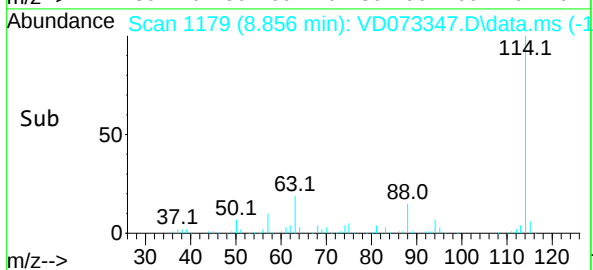
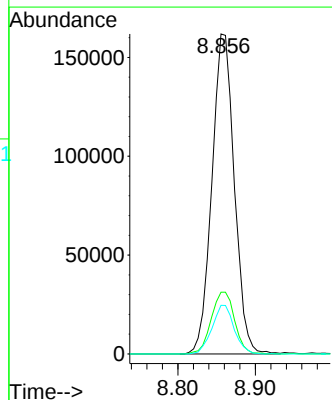
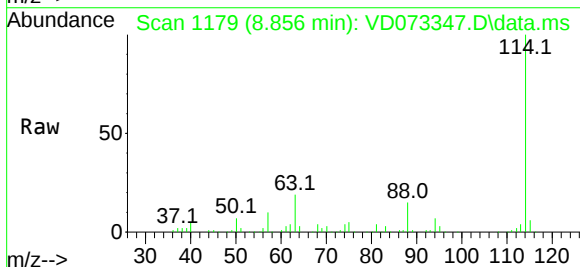
Tgt Ion: 114 Resp: 325402

Ion Ratio Lower Upper

114 100

63 19.3 0.0 46.6

88 15.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 57.822 ug/l

RT: 7.909 min Scan# 1019

Delta R.T. -0.005 min

Lab File: VD073347.D

Acq: 25 May 2022 03:18

Instrument :

MSVOA_D

ClientSampleId :

P020-SS001-0006-01

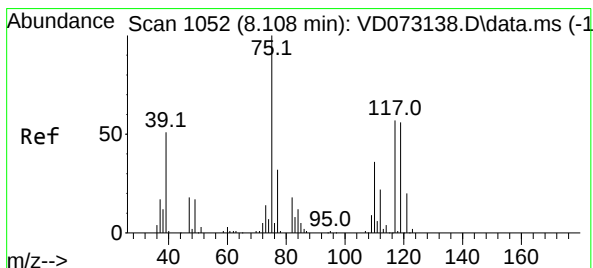
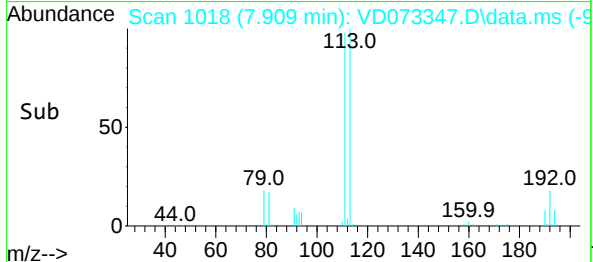
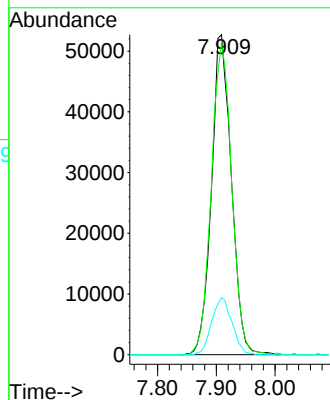
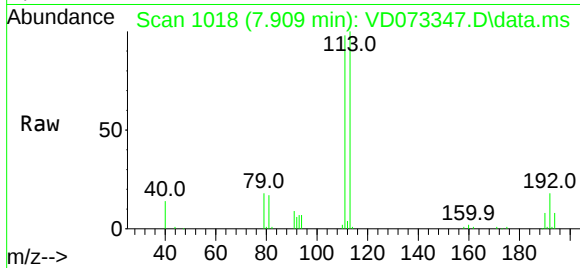
Tgt Ion:113 Resp: 124156

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: 4.617 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD073347.D

Acq: 25 May 2022 03:18

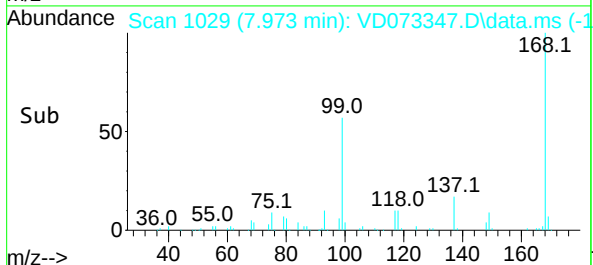
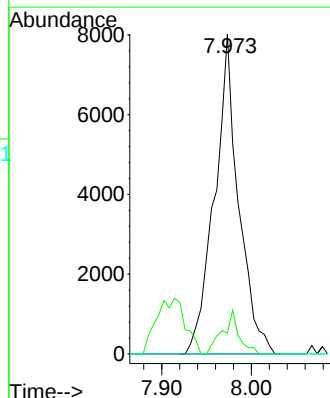
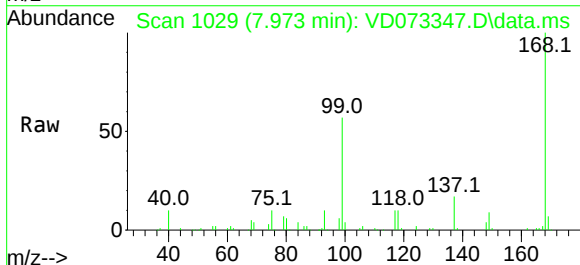
Tgt Ion: 75 Resp: 14911

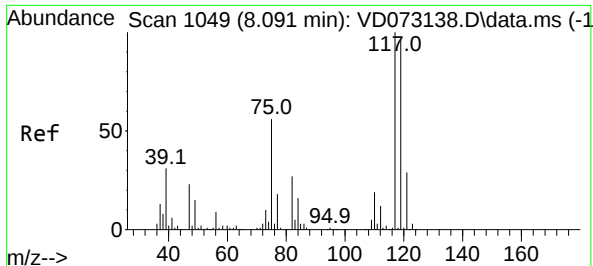
Ion Ratio Lower Upper

75 100

110 9.3 16.4 49.1#

77 0.0 24.2 36.2#





#38

Carbon Tetrachloride

Concen: 5.801 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.118 min

Lab File: VD073347.D

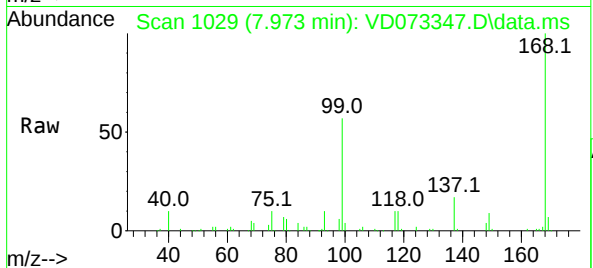
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Instrument :

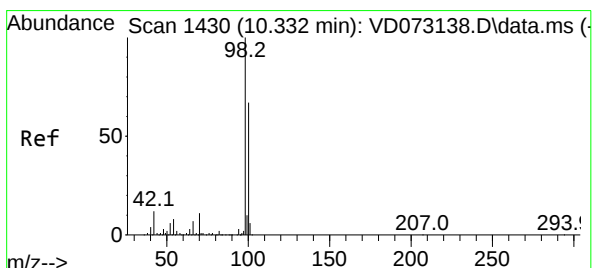
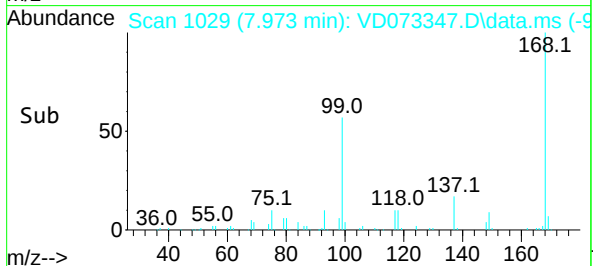
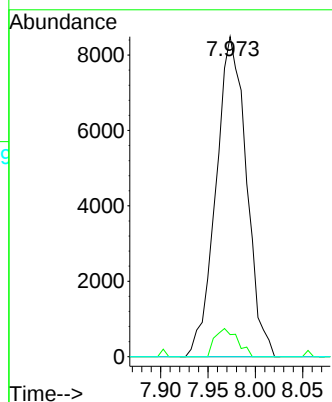
MSVOA_D

ClientSampleId :

P020-SS001-0006-01



Tgt Ion:117	Resp:	18991
Ion	Ratio	Lower Upper
117	100	
119	6.9	75.8 113.6#
121	0.0	24.5 36.7#



#50

Toluene-d8

Concen: 50.597 ug/l

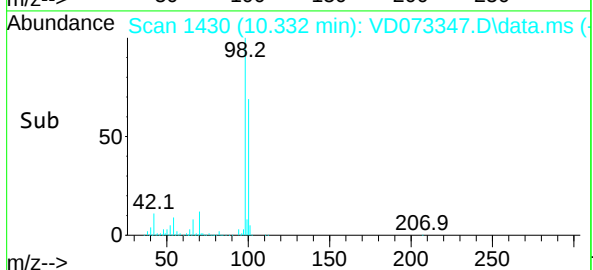
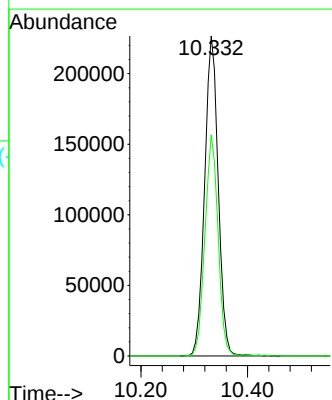
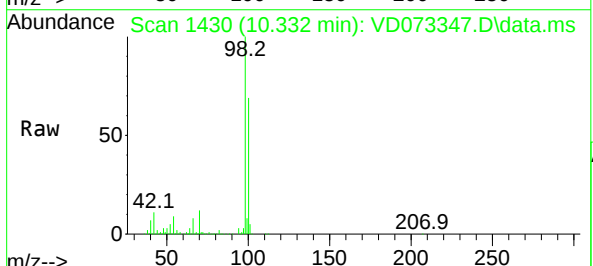
RT: 10.332 min Scan# 1430

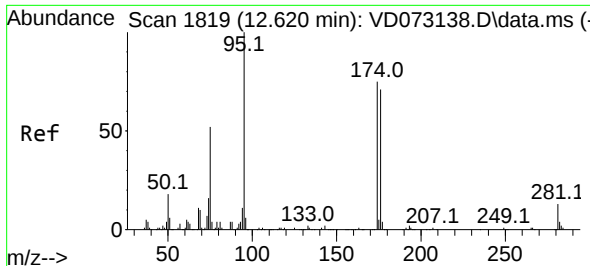
Delta R.T. -0.000 min

Lab File: VD073347.D

Acq: 25 May 2022 03:18

Tgt Ion: 98	Resp:	400484
Ion	Ratio	Lower Upper
98	100	
100	67.2	52.4 78.6

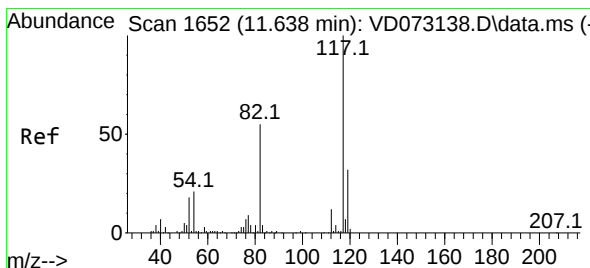
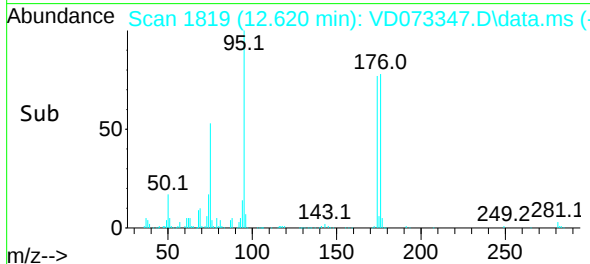
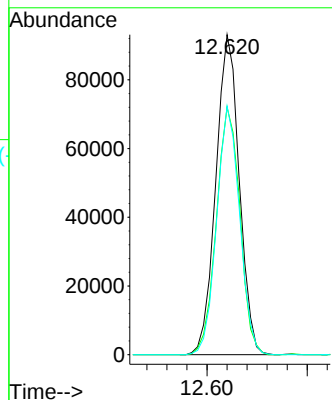
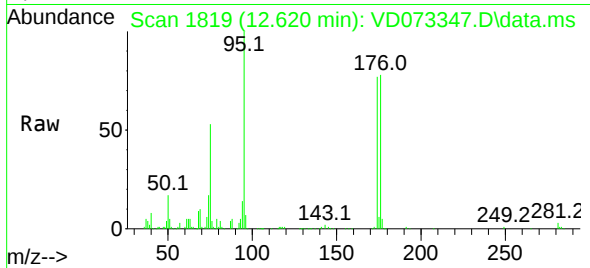




#62
4-Bromofluorobenzene
Concen: 54.314 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073347.D
Acq: 25 May 2022 03:18

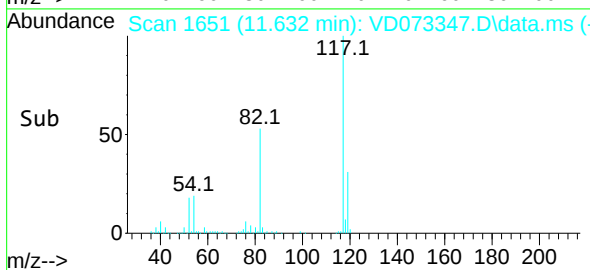
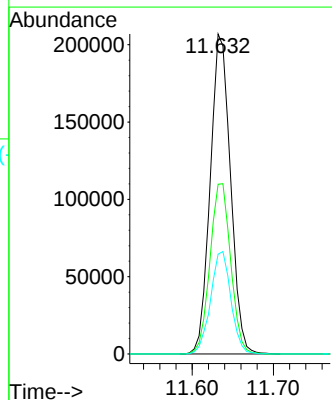
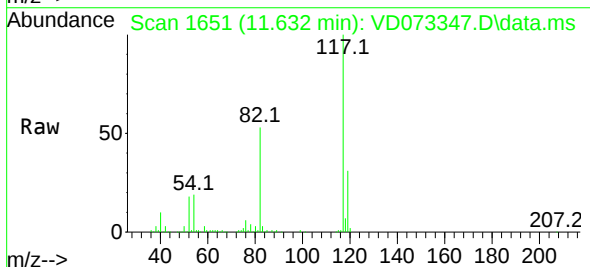
Instrument :
MSVOA_D
ClientSampleId :
P020-SS001-0006-01

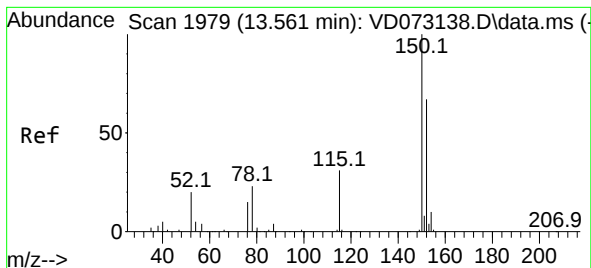
Tgt Ion: 95 Resp: 150871
Ion Ratio Lower Upper
95 100
174 77.8 0.0 152.8
176 76.0 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073347.D
Acq: 25 May 2022 03:18

Tgt Ion: 117 Resp: 358439
Ion Ratio Lower Upper
117 100
82 53.1 45.3 67.9
119 31.2 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: VD073347.D

Acq: 25 May 2022 03:18

Instrument :

MSVOA_D

ClientSampleId :

P020-SS001-0006-01

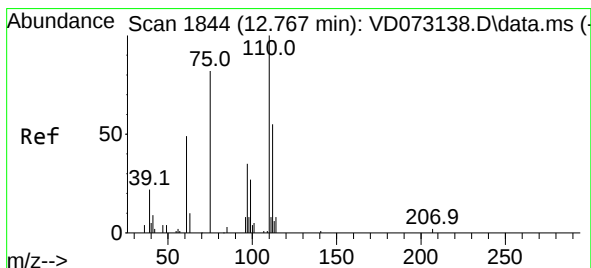
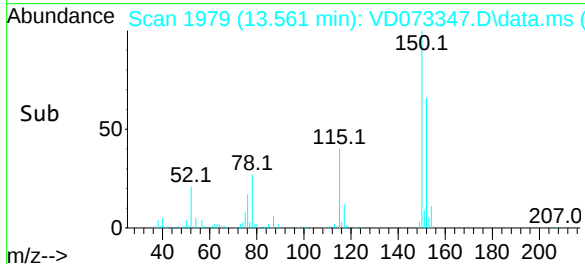
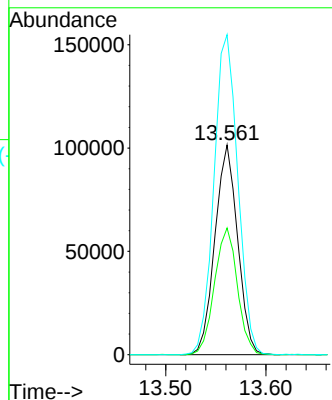
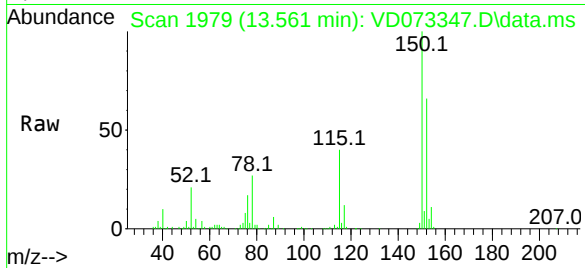
Tgt Ion:152 Resp: 159628

Ion Ratio Lower Upper

152 100

115 60.8 31.3 93.8

150 160.1 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 50.782 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.147 min

Lab File: VD073347.D

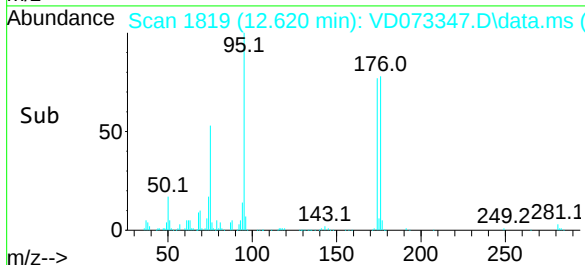
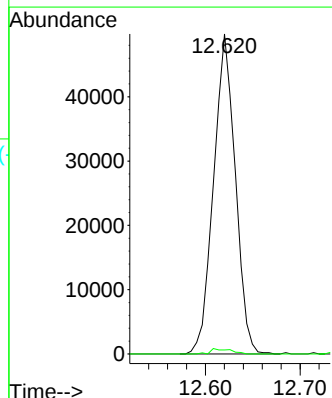
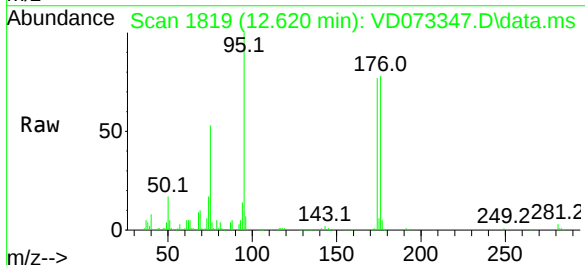
Acq: 25 May 2022 03:18

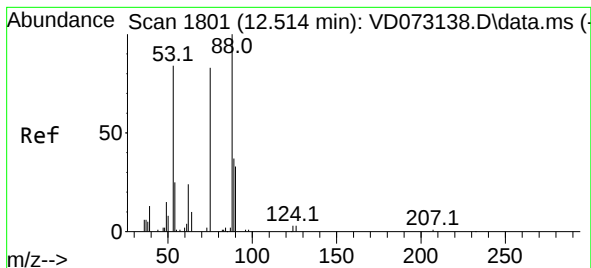
Tgt Ion: 75 Resp: 79536

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#

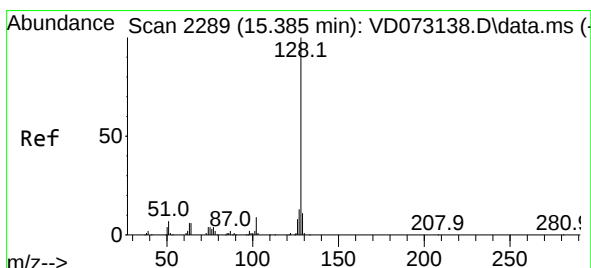
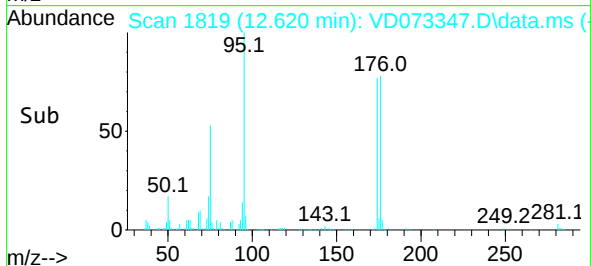
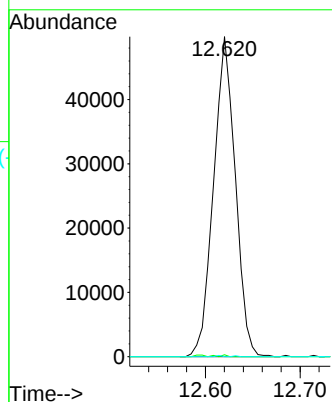
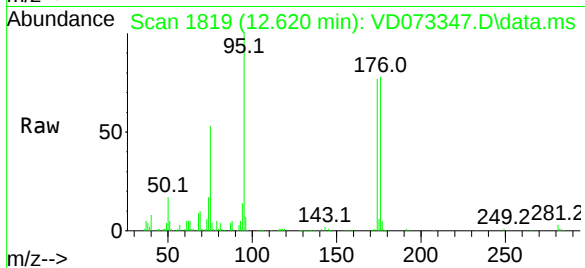




#81
trans-1,4-Dichloro-2-butene
Concen: 121.912 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073347.D
Acq: 25 May 2022 03:18

Instrument :
MSVOA_D
ClientSampleId :
P020-SS001-0006-01

Tgt Ion: 75 Resp: 79536
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.1 33.9 50.9#



#95
Naphthalene
Concen: 3.582 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD073347.D
Acq: 25 May 2022 03:18

Tgt Ion: 128 Resp: 229
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

