

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073242.D
 Acq On : 21 May 2022 21:20
 Operator : VA/SY
 Sample : M2920-03
 Misc : 5.21G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P015-SS008-0006-01

Quant Time: May 22 01:34:36 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)

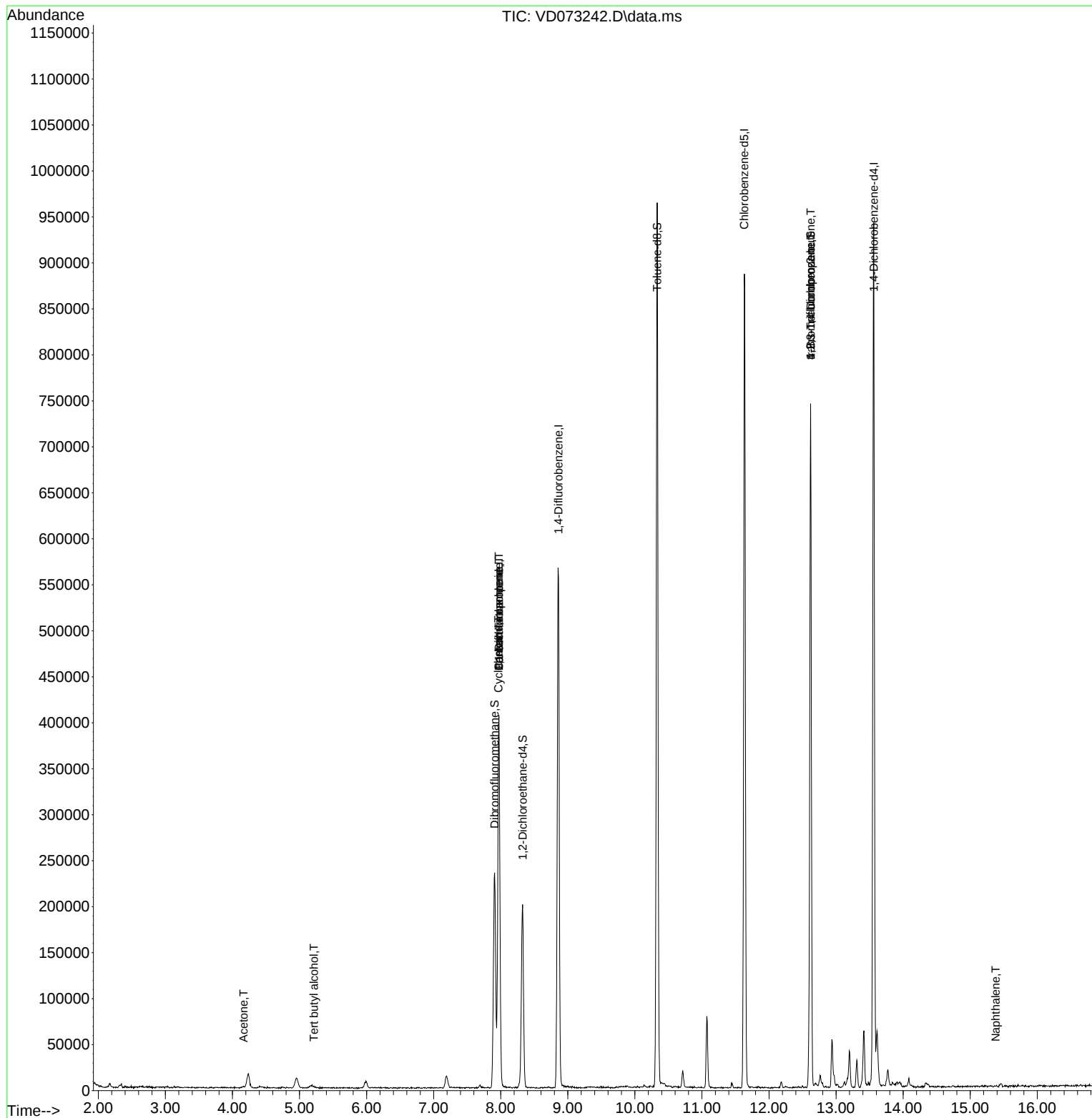
Internal Standards						
1) Pentafluorobenzene	7.973	168	286914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	494998	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	521822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	247864	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	156221	49.269	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.540%			
35) Dibromofluoromethane	7.908	113	171160	52.401	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.800%			
50) Toluene-d8	10.332	98	623069	51.748	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.500%			
62) 4-Bromofluorobenzene	12.620	95	229755	54.373	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.740%			
Target Compounds						
5) Bromomethane	2.768	94	284	Below Cal		91
11) Tert butyl alcohol	5.215	59	1071	2.177 ug/l #		74
16) Acetone	4.168	43	2887	5.257 ug/l #		83
20) Methylene Chloride	4.956	84	8819	Below Cal		86
31) Cyclohexane	7.967	56	6217	1.122 ug/l #		1
36) 1,1-Dichloropropene	7.973	75	24937	5.076 ug/l #		50
38) Carbon Tetrachloride	7.973	117	30116	6.048 ug/l #		17
76) 1,2,3-Trichloropropane	12.620	75	116099	47.739 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.620	75	116099	114.606 ug/l #		7
95) Naphthalene	15.379	128	282	3.574 ug/l #		70

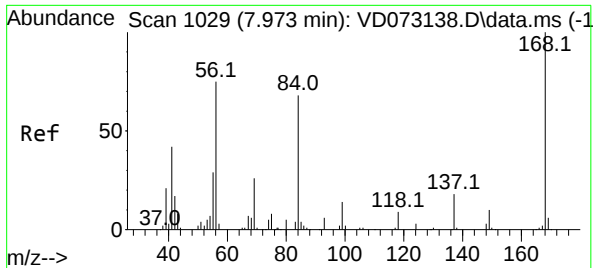
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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P015-SS008-0006-01

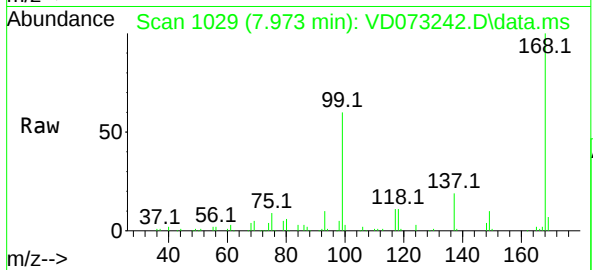
Quant Time: May 22 01:34:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
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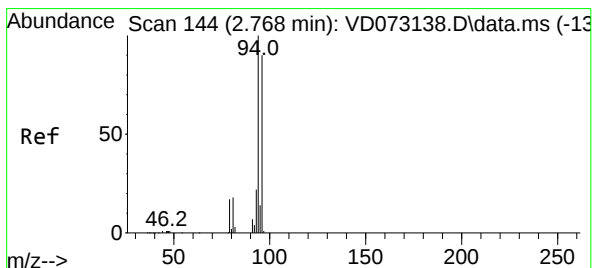
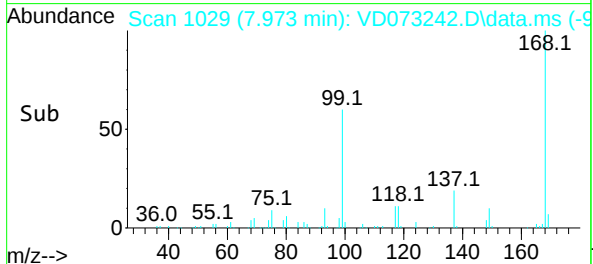
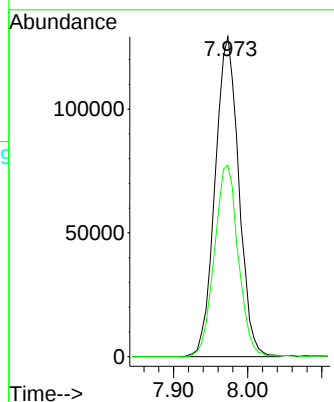


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073242.D
Acq: 21 May 2022 21:20

Instrument :
MSVOA_D
ClientSampleId :
P015-SS008-0006-01

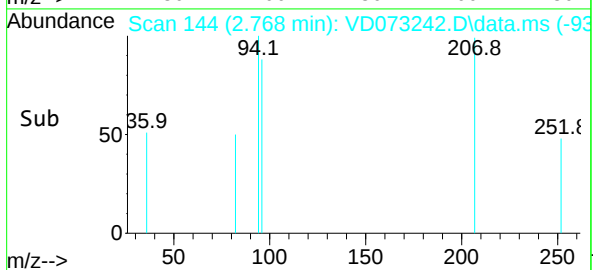
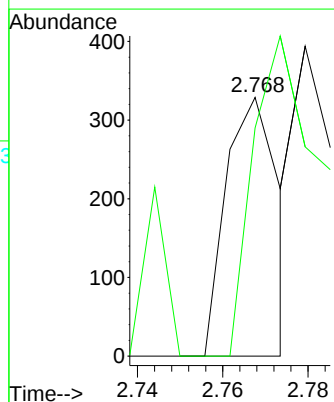
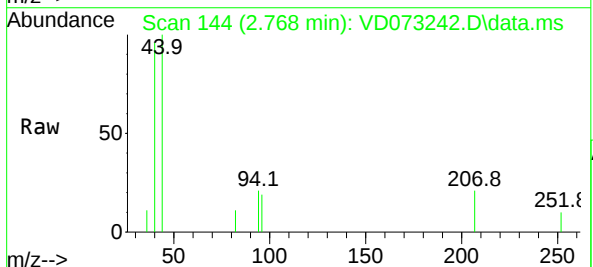


Tgt Ion:168 Resp: 286914
Ion Ratio Lower Upper
168 100
99 59.9 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.768 min Scan# 144
Delta R.T. -0.000 min
Lab File: VD073242.D
Acq: 21 May 2022 21:20

Tgt Ion: 94 Resp: 284
Ion Ratio Lower Upper
94 100
96 88.1 77.6 116.4

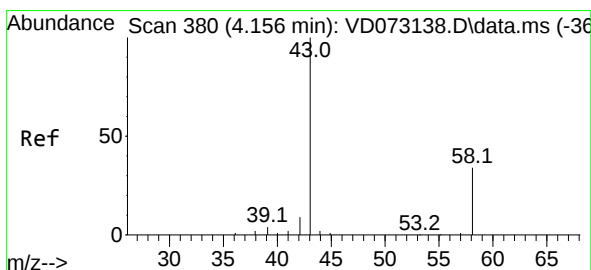
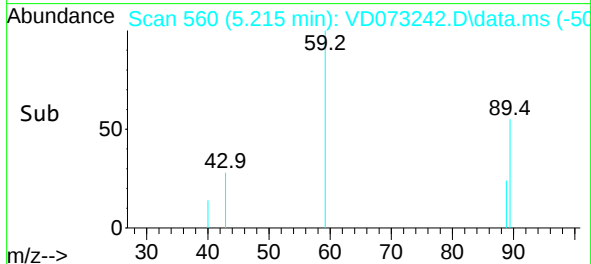
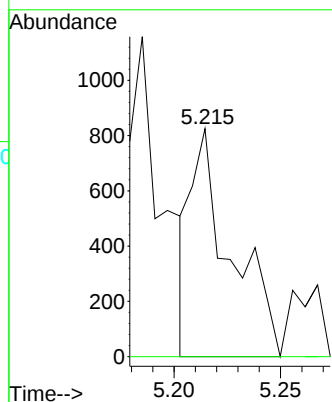
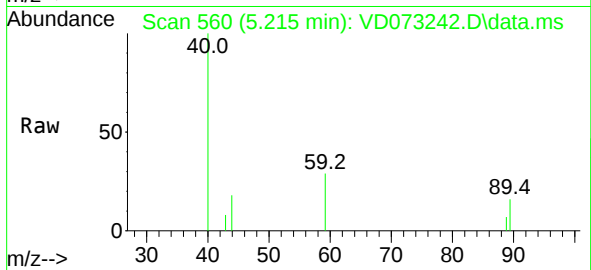




#11
Tert butyl alcohol
Concen: 2.177 ug/l
RT: 5.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD073242.D
Acq: 21 May 2022 21:20

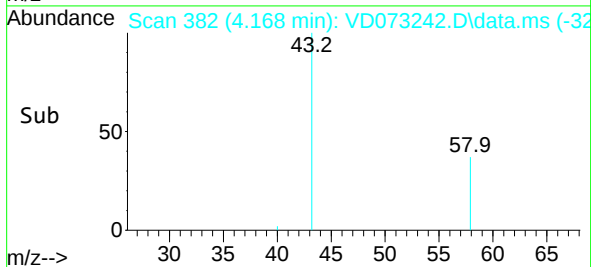
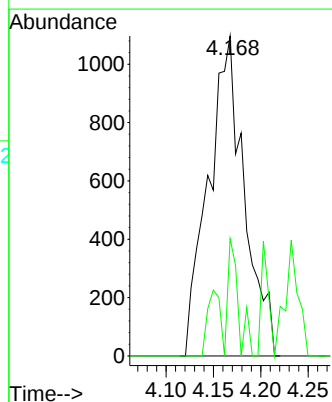
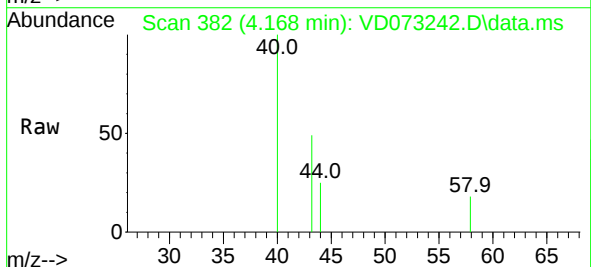
Instrument :
MSVOA_D
ClientSampleId :
P015-SS008-0006-01

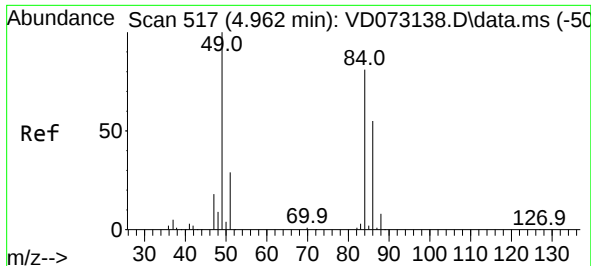
Tgt Ion: 59 Resp: 1071
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 5.257 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD073242.D
Acq: 21 May 2022 21:20

Tgt Ion: 43 Resp: 2887
Ion Ratio Lower Upper
43 100
58 36.6 22.1 33.1#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.956 min Scan# 51

Delta R.T. -0.006 min

Lab File: VD073242.D

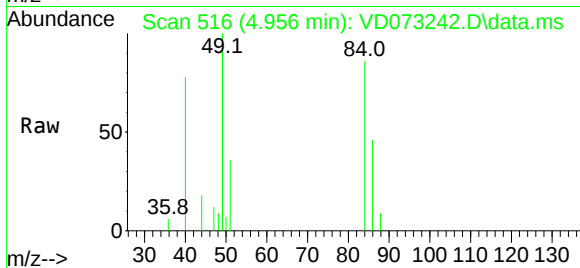
Acq: 21 May 2022 21:20

Instrument :

MSVOA_D

ClientSampleId :

P015-SS008-0006-01



Tgt Ion: 84 Resp: 8819

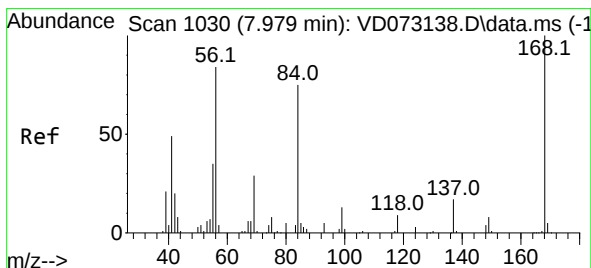
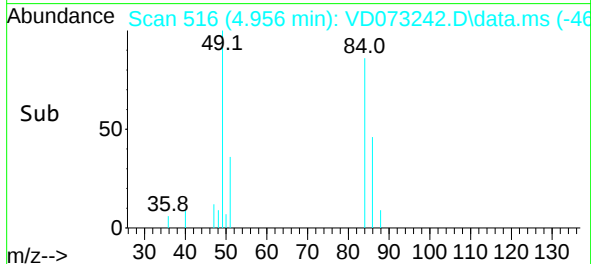
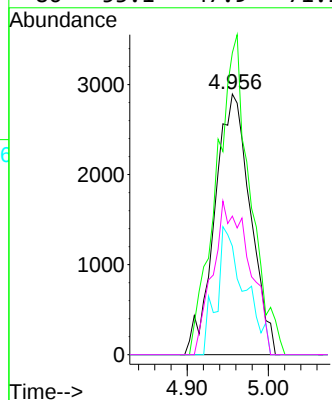
Ion Ratio Lower Upper

84 100

49 115.8 112.8 169.2

51 41.6 32.6 48.8

86 53.1 47.9 71.9



#31

Cyclohexane

Concen: 1.122 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.012 min

Lab File: VD073242.D

Acq: 21 May 2022 21:20

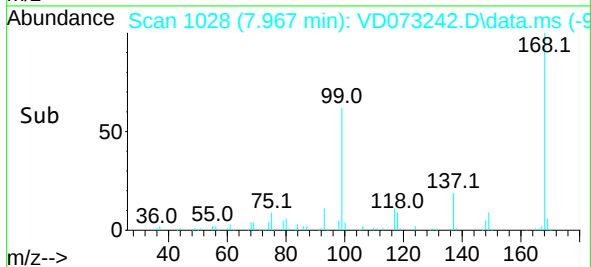
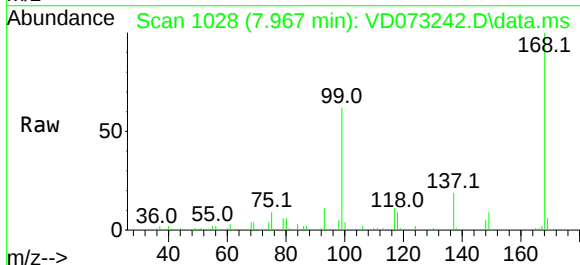
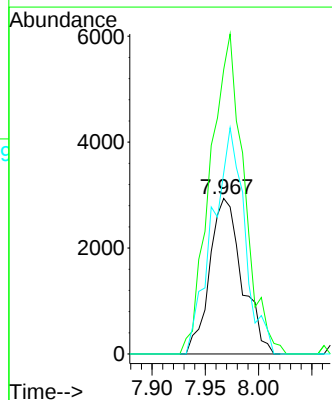
Tgt Ion: 56 Resp: 6217

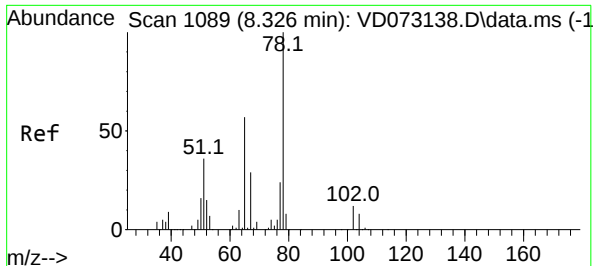
Ion Ratio Lower Upper

56 100

69 182.9 25.4 38.2#

84 116.4 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 49.269 ug/l

RT: 8.326 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VD073242.D

Acq: 21 May 2022 21:20

Instrument :

MSVOA_D

ClientSampleId :

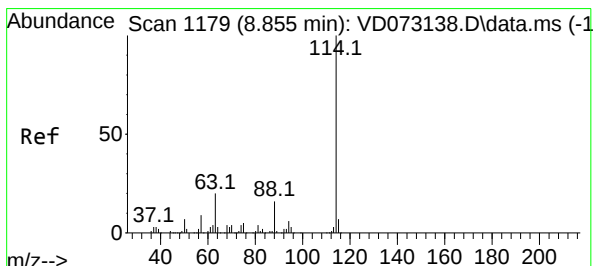
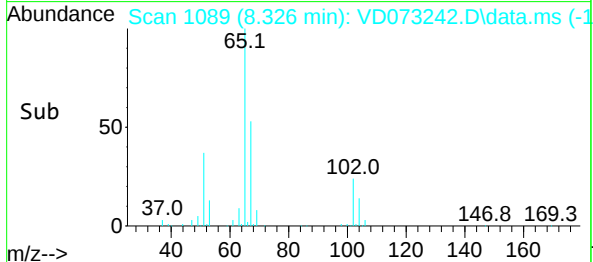
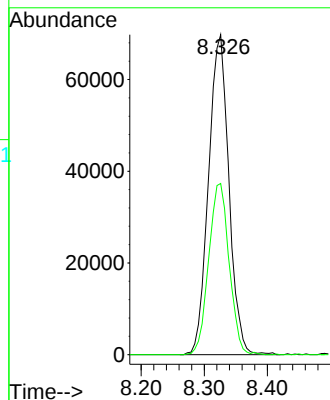
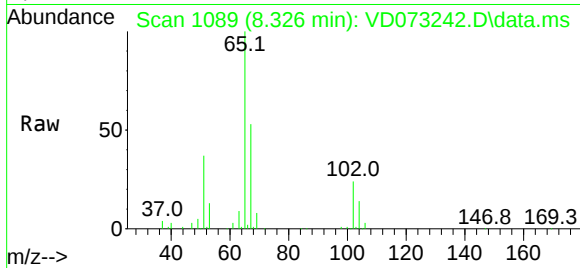
P015-SS008-0006-01

Tgt Ion: 65 Resp: 156221

Ion Ratio Lower Upper

65 100

67 53.8 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: VD073242.D

Acq: 21 May 2022 21:20

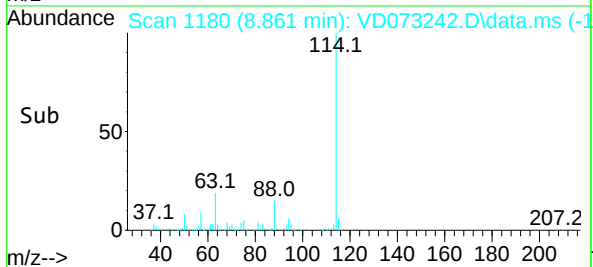
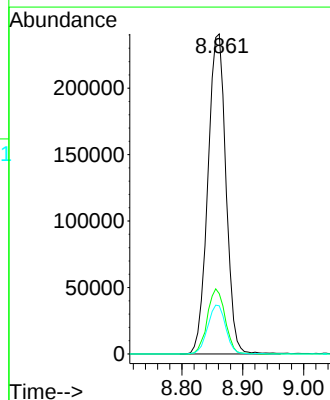
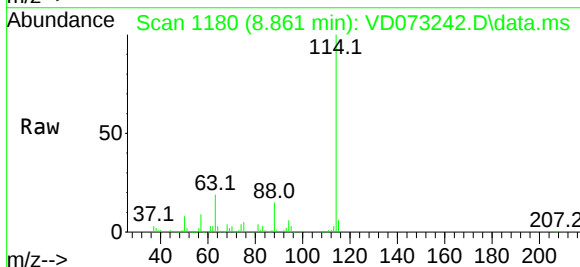
Tgt Ion: 114 Resp: 494998

Ion Ratio Lower Upper

114 100

63 18.9 0.0 46.6

88 15.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.401 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073242.D

Acq: 21 May 2022 21:20

Instrument :

MSVOA_D

ClientSampleId :

P015-SS008-0006-01

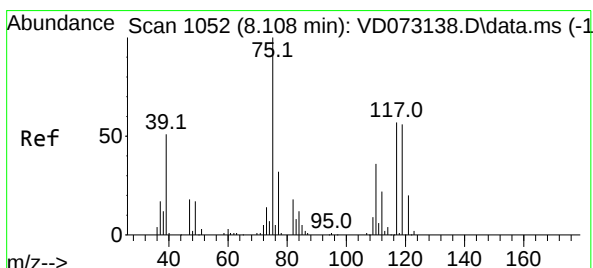
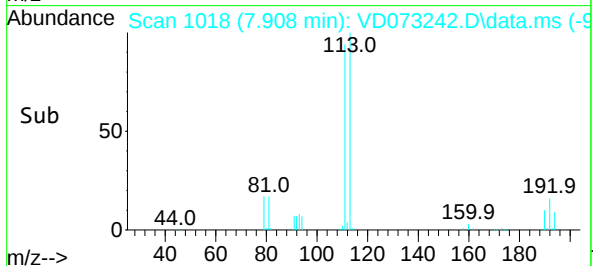
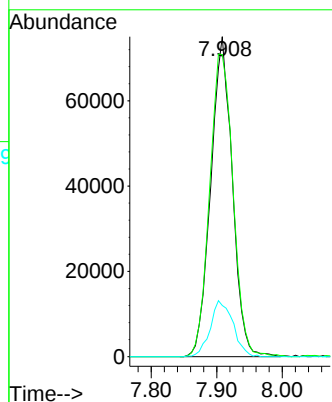
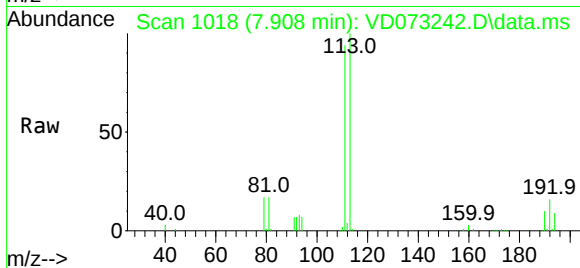
Tgt Ion:113 Resp: 171160

Ion Ratio Lower Upper

113 100

111 102.9 83.8 125.6

192 18.5 14.6 21.8



#36

1,1-Dichloropropene

Concen: 5.076 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD073242.D

Acq: 21 May 2022 21:20

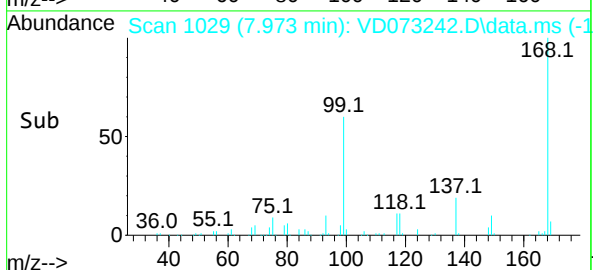
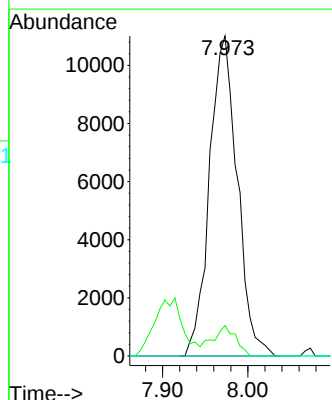
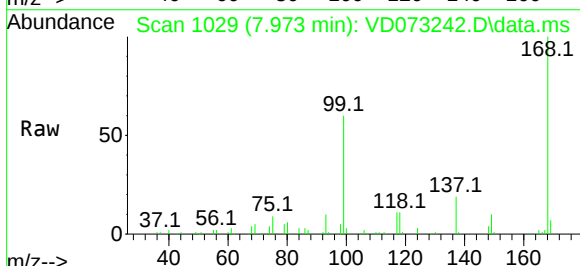
Tgt Ion: 75 Resp: 24937

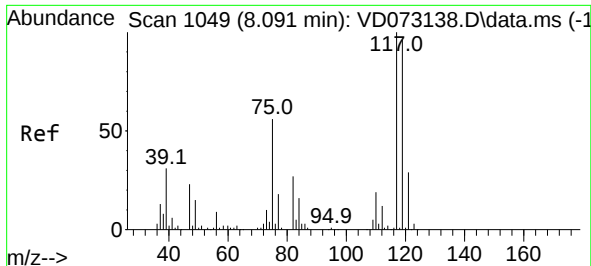
Ion Ratio Lower Upper

75 100

110 7.9 16.4 49.1#

77 0.0 24.2 36.2#

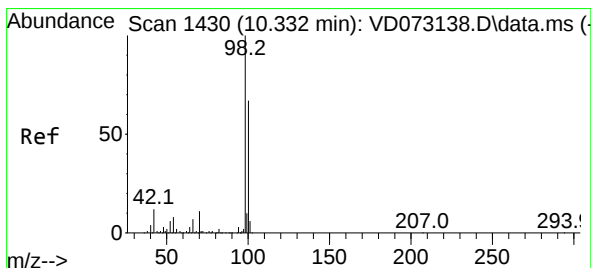
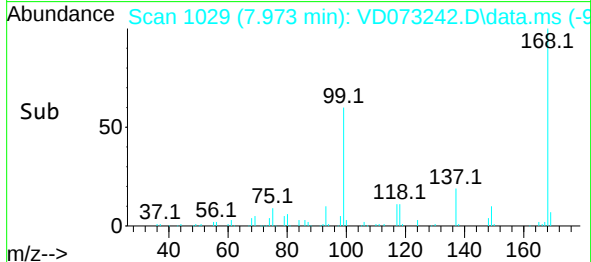
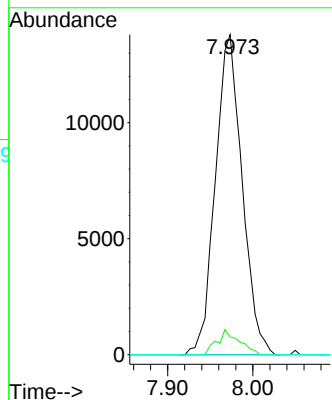
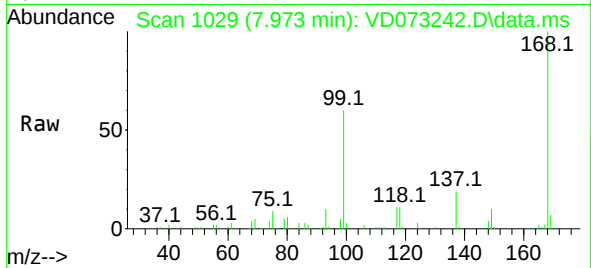




#38
Carbon Tetrachloride
Concen: 6.048 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD073242.D
Acq: 21 May 2022 21:20

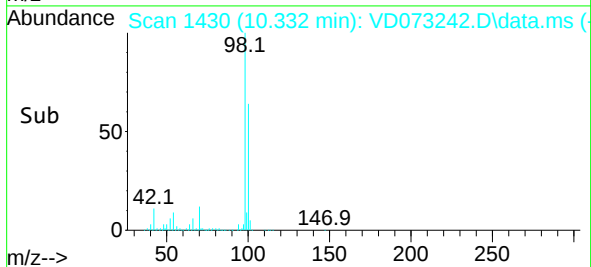
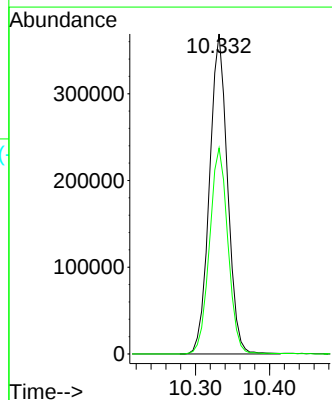
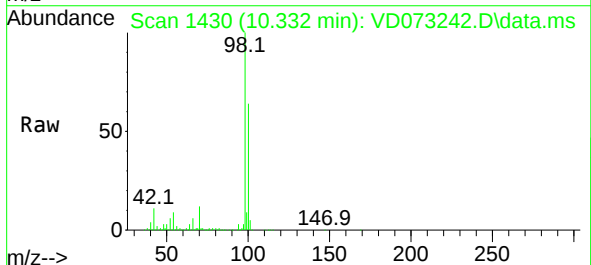
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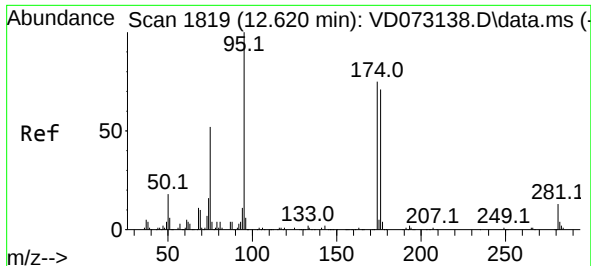
Tgt Ion:117 Resp: 30116
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 51.748 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073242.D
Acq: 21 May 2022 21:20

Tgt Ion: 98 Resp: 623069
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6

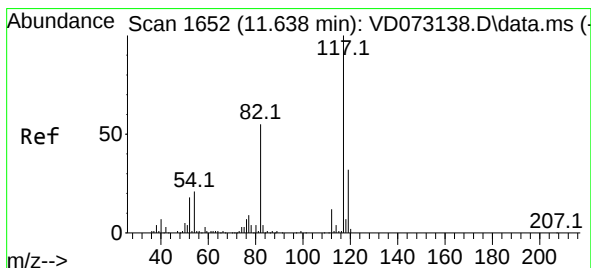
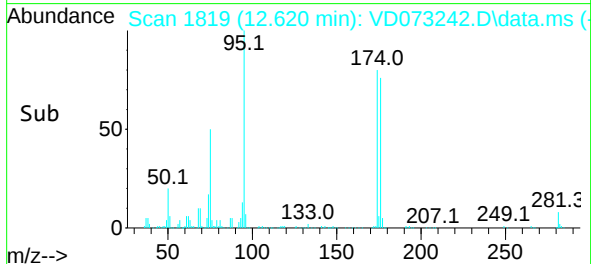
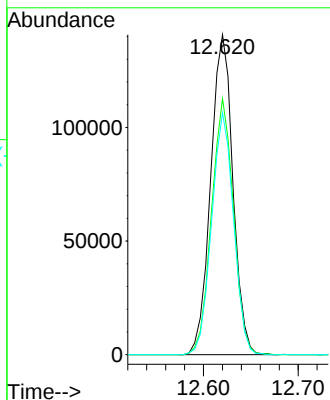
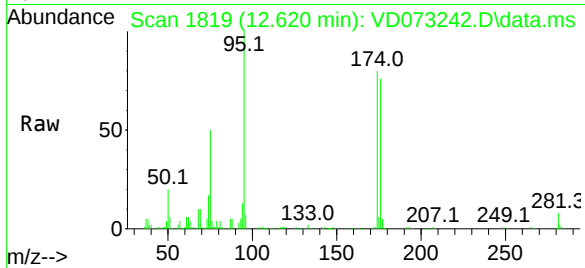




#62
4-Bromofluorobenzene
Concen: 54.373 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073242.D
Acq: 21 May 2022 21:20

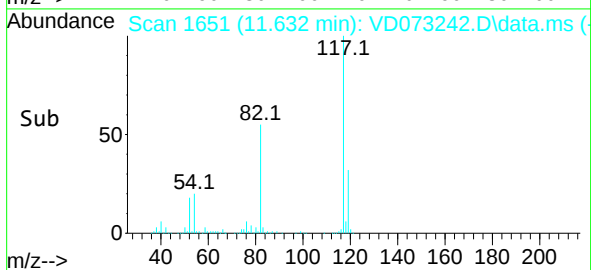
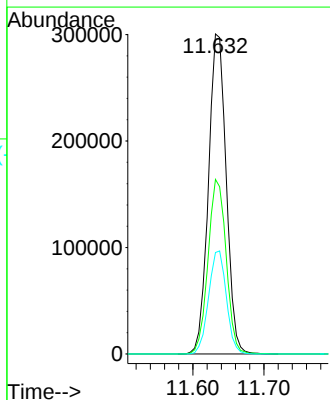
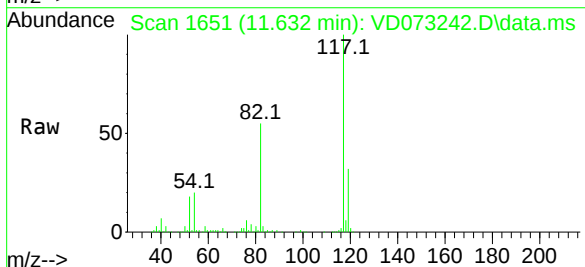
Instrument :
MSVOA_D
ClientSampleId :
P015-SS008-0006-01

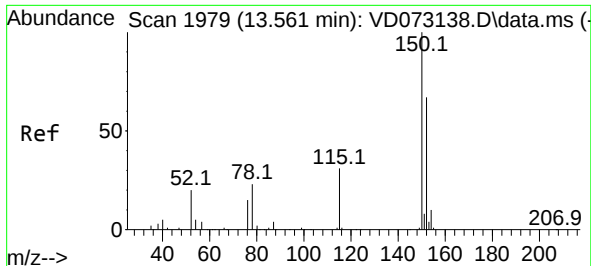
Tgt Ion:	95	Resp:	229755
Ion Ratio	Lower	Upper	
95	100		
174	79.1	0.0	152.8
176	74.6	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073242.D
Acq: 21 May 2022 21:20

Tgt Ion:	117	Resp:	521822
Ion Ratio	Lower	Upper	
117	100		
82	54.5	45.3	67.9
119	31.7	26.6	40.0

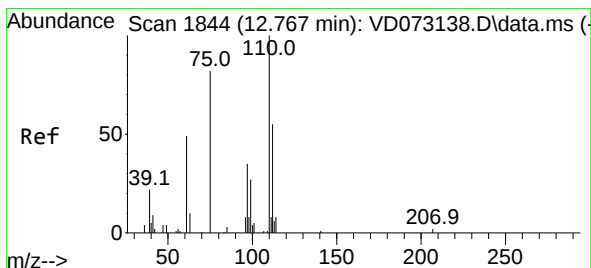
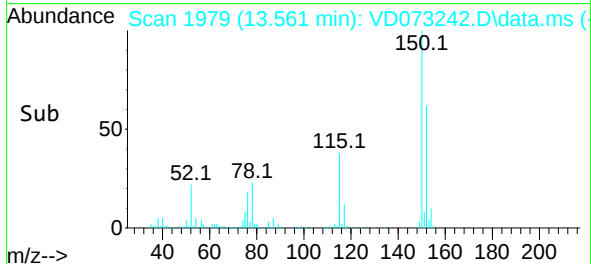
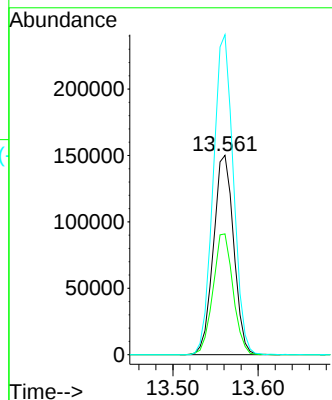
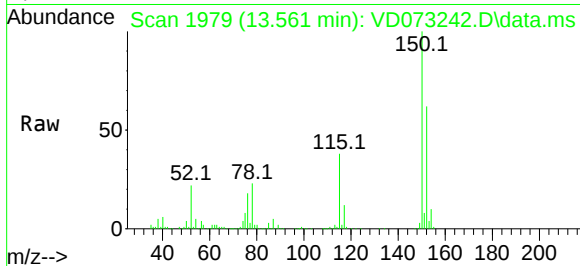




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073242.D
 Acq: 21 May 2022 21:20

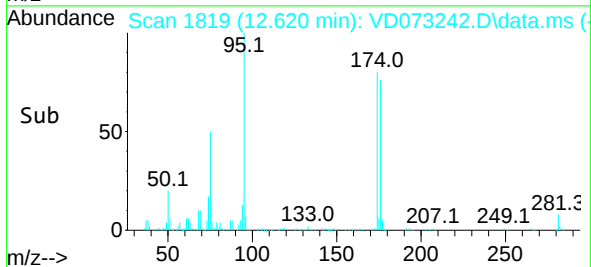
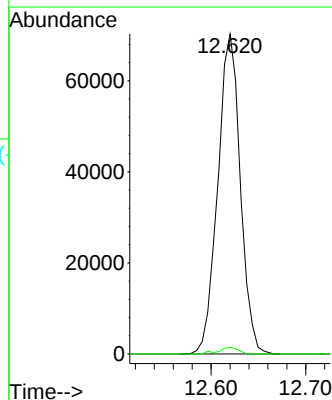
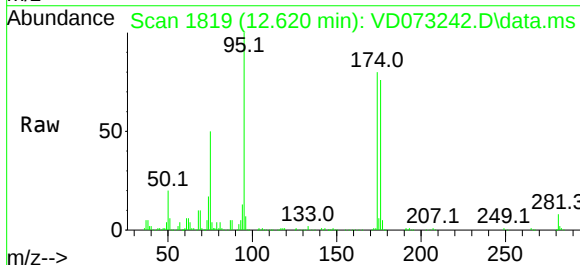
Instrument :
 MSVOA_D
 ClientSampleId :
 P015-SS008-0006-01

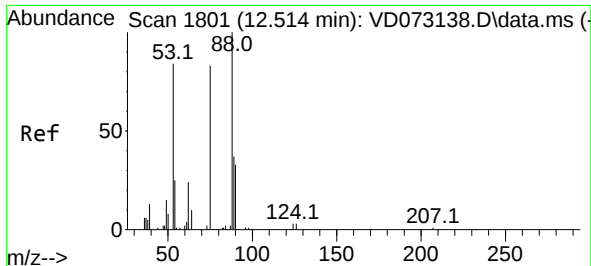
Tgt Ion:152 Resp: 247864
 Ion Ratio Lower Upper
 152 100
 115 60.1 31.3 93.8
 150 159.8 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 47.739 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD073242.D
 Acq: 21 May 2022 21:20

Tgt Ion: 75 Resp: 116099
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#

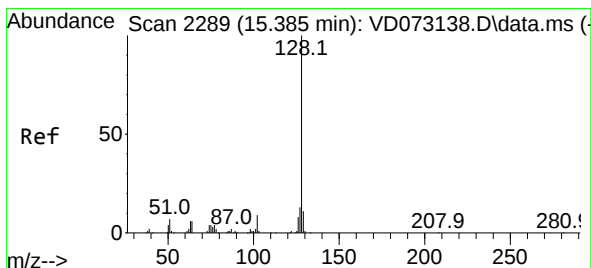
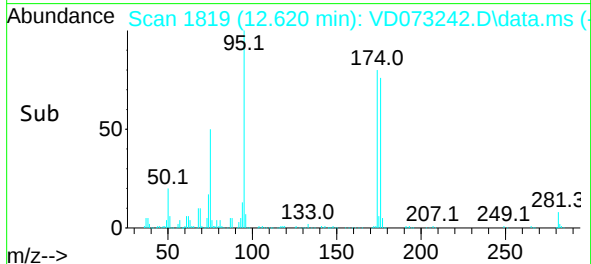
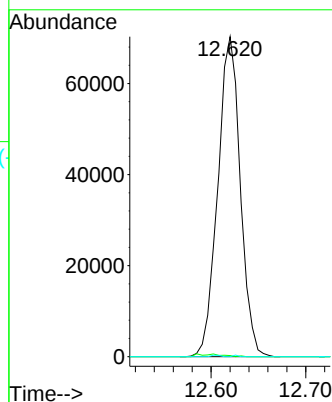
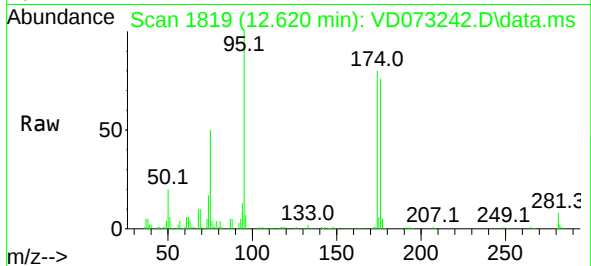




#81
trans-1,4-Dichloro-2-butene
Concen: 114.606 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073242.D
Acq: 21 May 2022 21:20

Instrument :
MSVOA_D
ClientSampleId :
P015-SS008-0006-01

Tgt Ion: 75 Resp: 116099
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.1 33.9 50.9#



#95
Naphthalene
Concen: 3.574 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD073242.D
Acq: 21 May 2022 21:20

Tgt Ion: 128 Resp: 282
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

