

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073352.D
 Acq On : 25 May 2022 05:42
 Operator : VA/SY
 Sample : N2886-08
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS001-0006-01

Quant Time: May 25 06:45:04 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)

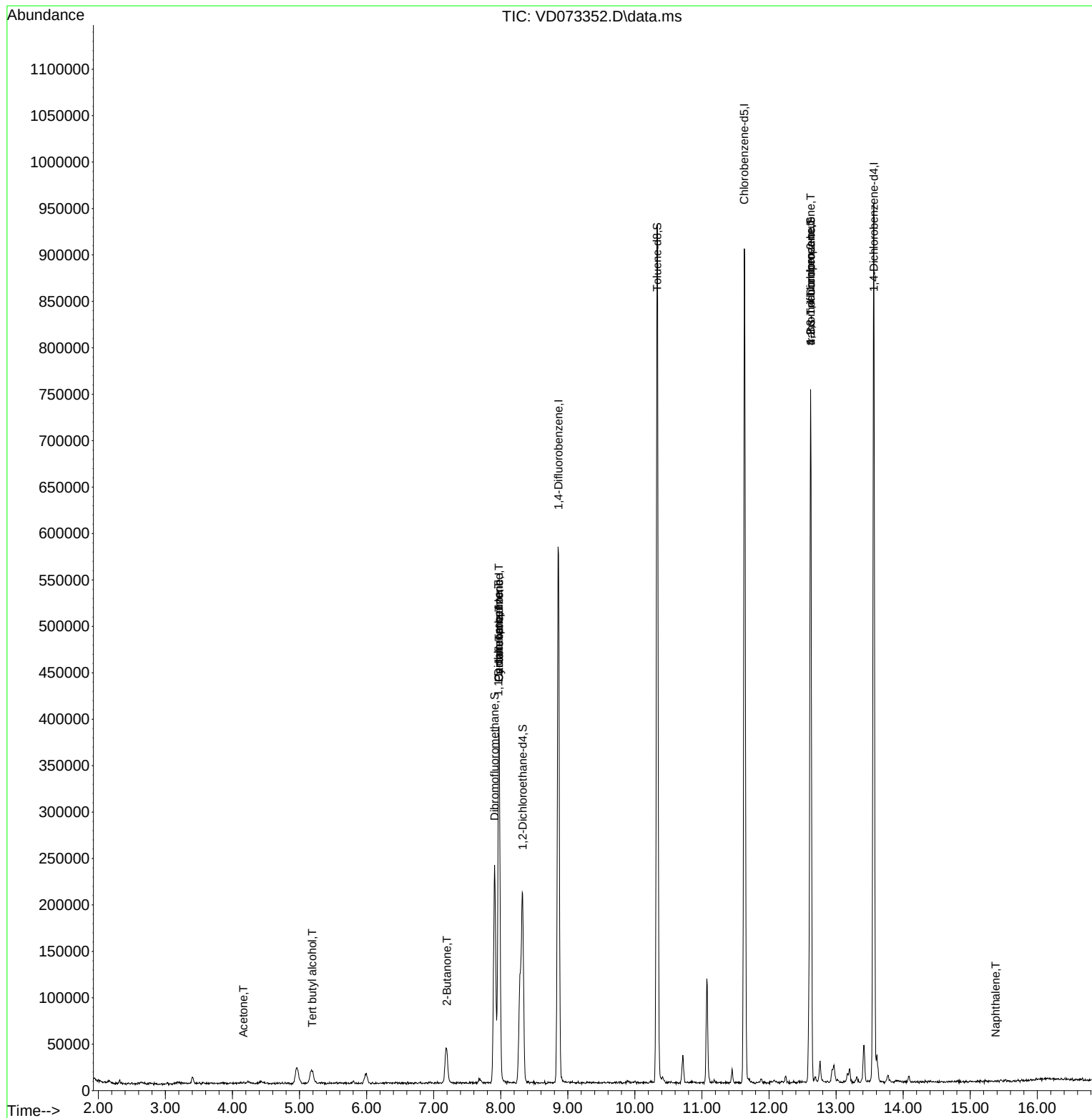
Internal Standards						
1) Pentafluorobenzene	7.973	168	283106	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	504287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	526576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	247750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	155330	49.646	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.300%		
35) Dibromofluoromethane	7.909	113	167754	50.413	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.820%		
50) Toluene-d8	10.332	98	616792	50.283	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.560%		
62) 4-Bromofluorobenzene	12.620	95	239938	55.737	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	111.480%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	801	Below Cal	#	70
11) Tert butyl alcohol	5.191	59	14384	29.632	ug/l #	75
16) Acetone	4.162	43	2097	3.870	ug/l #	47
25) 2-Butanone	7.197	43	2013	2.539	ug/l #	52
31) Cyclohexane	7.973	56	6324	1.157	ug/l #	21
36) 1,1-Dichloropropene	7.967	75	24865	4.968	ug/l #	51
38) Carbon Tetrachloride	7.973	117	29859	5.886	ug/l #	18
76) 1,2,3-Trichloropropane	12.620	75	122271	50.300	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	122271	120.754	ug/l #	7
95) Naphthalene	15.379	128	77	3.550	ug/l #	70

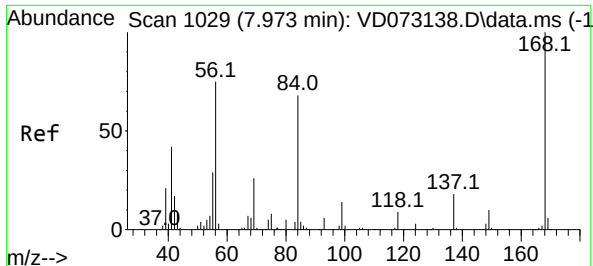
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration

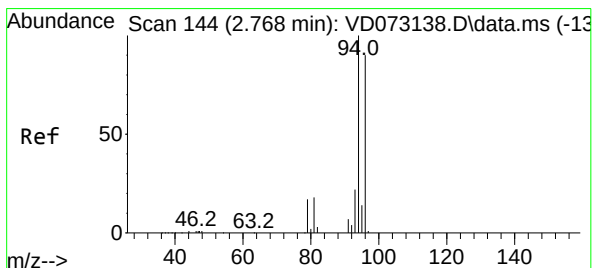
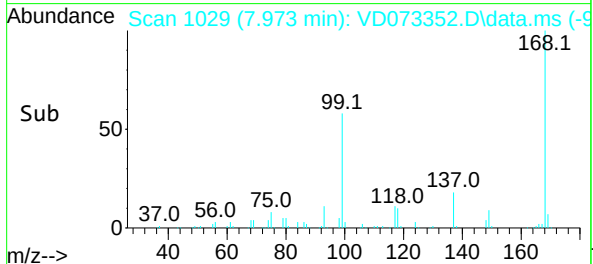
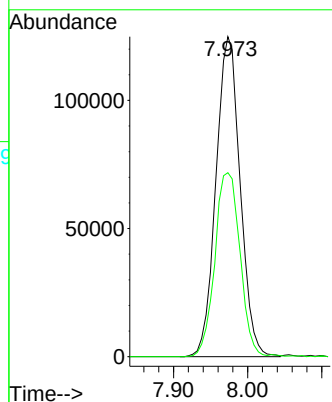
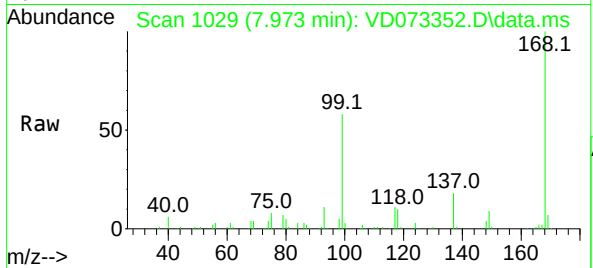




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073352.D
Acq: 25 May 2022 05:42

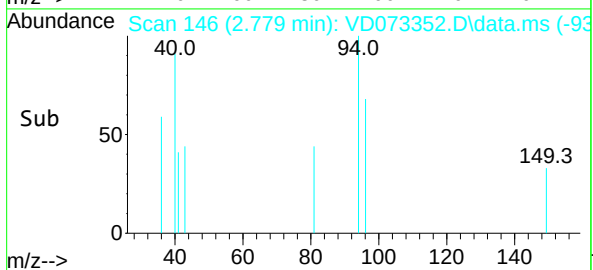
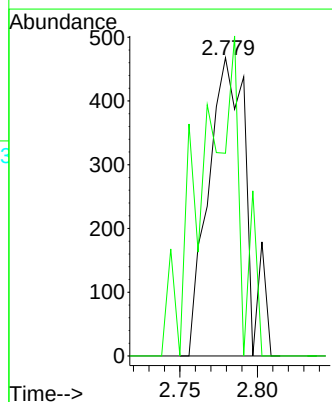
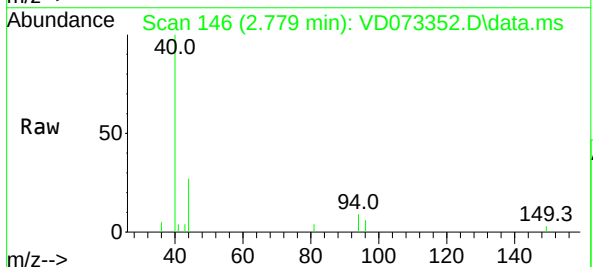
Instrument :
MSVOA_D
ClientSampleId :
P021-SS001-0006-01

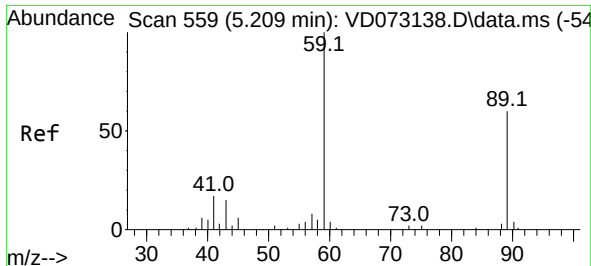
Tgt Ion:168 Resp: 283106
Ion Ratio Lower Upper
168 100
99 57.5 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD073352.D
Acq: 25 May 2022 05:42

Tgt Ion: 94 Resp: 801
Ion Ratio Lower Upper
94 100
96 67.9 77.6 116.4#





#11

Tert butyl alcohol

Concen: 29.632 ug/l

RT: 5.191 min Scan# 51

Delta R.T. -0.018 min

Lab File: VD073352.D

Acq: 25 May 2022 05:42

Instrument :

MSVOA_D

ClientSampleId :

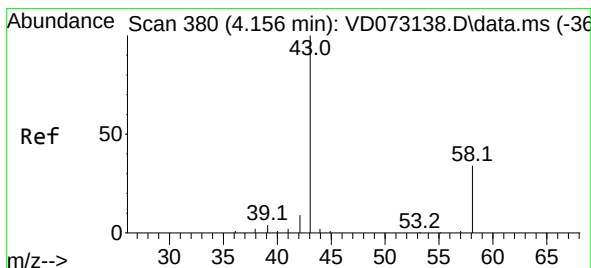
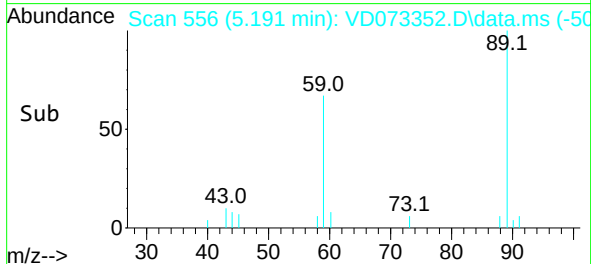
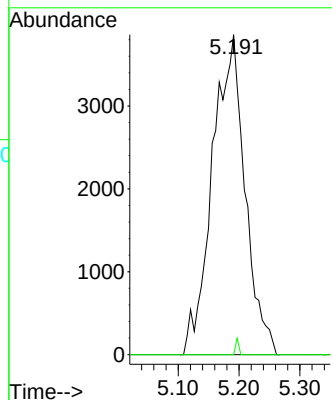
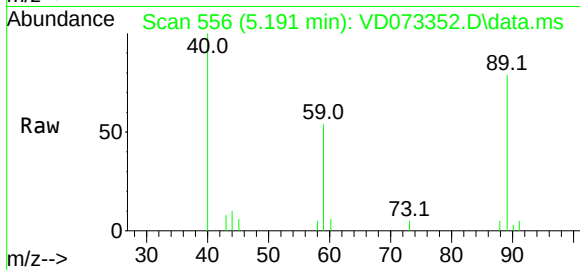
P021-SS001-0006-01

Tgt Ion: 59 Resp: 14384

Ion Ratio Lower Upper

59 100

57 0.5 7.8 11.6#



#16

Acetone

Concen: 3.870 ug/l

RT: 4.162 min Scan# 381

Delta R.T. 0.006 min

Lab File: VD073352.D

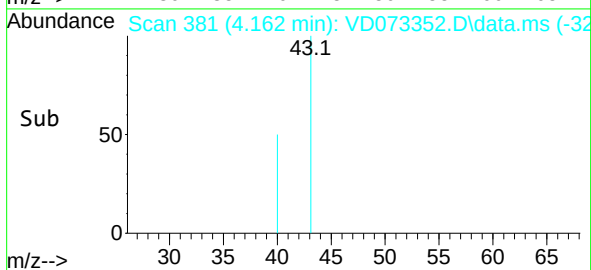
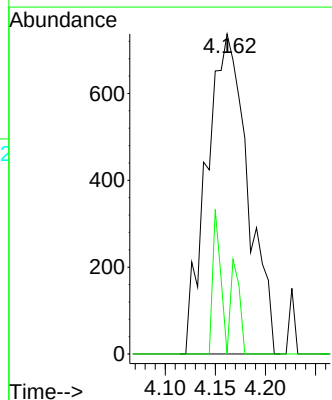
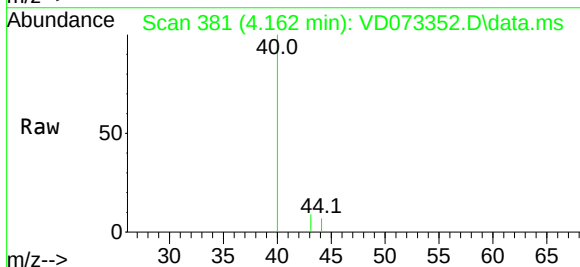
Acq: 25 May 2022 05:42

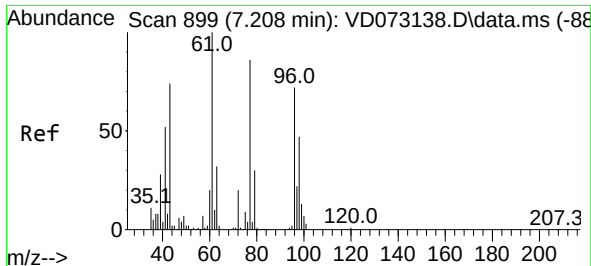
Tgt Ion: 43 Resp: 2097

Ion Ratio Lower Upper

43 100

58 0.0 22.1 33.1#





#25

2-Butanone

Concen: 2.539 ug/l

RT: 7.197 min Scan# 89

Delta R.T. -0.011 min

Lab File: VD073352.D

Acq: 25 May 2022 05:42

Instrument :

MSVOA_D

ClientSampleId :

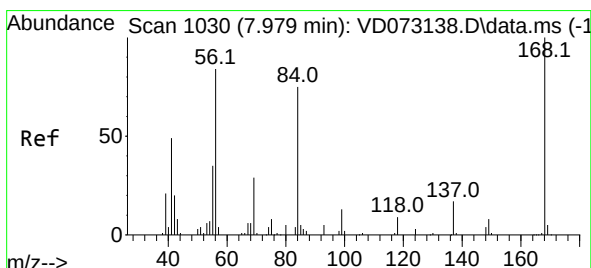
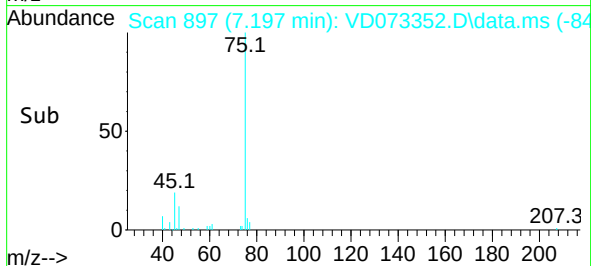
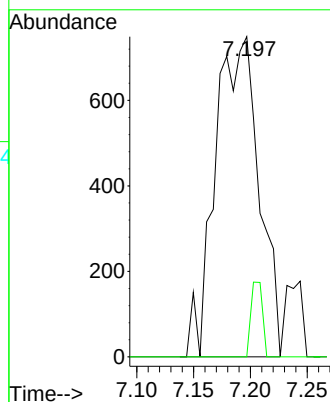
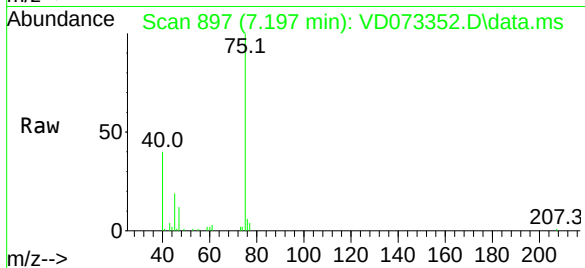
P021-SS001-0006-01

Tgt Ion: 43 Resp: 2013

Ion Ratio Lower Upper

43 100

72 0.0 18.6 27.8#



#31

Cyclohexane

Concen: 1.157 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD073352.D

Acq: 25 May 2022 05:42

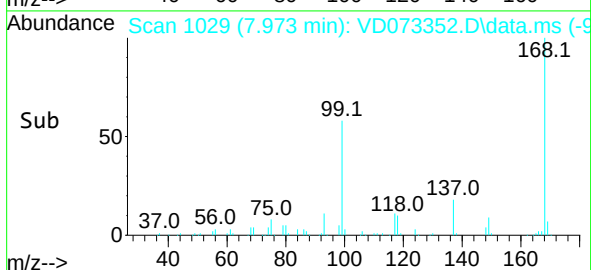
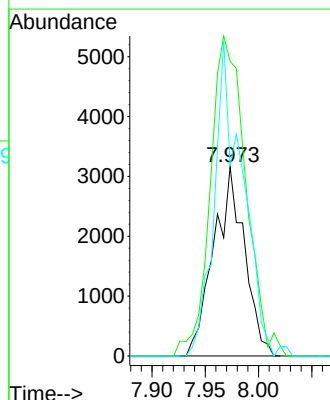
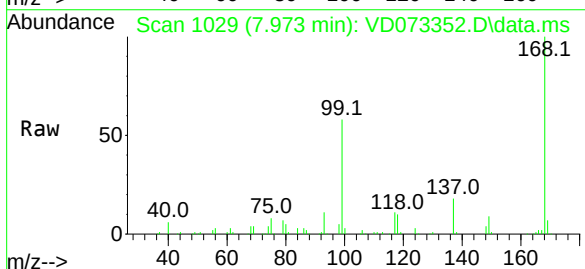
Tgt Ion: 56 Resp: 6324

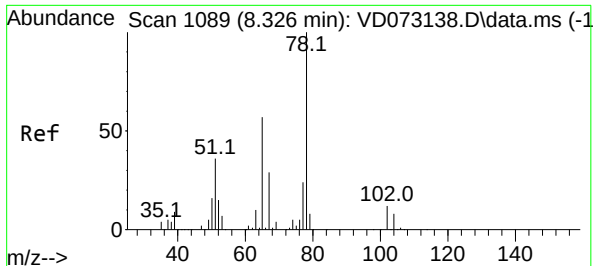
Ion Ratio Lower Upper

56 100

69 150.3 25.4 38.2#

84 100.9 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 49.646 ug/l

RT: 8.326 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073352.D

Acq: 25 May 2022 05:42

Instrument :

MSVOA_D

ClientSampleId :

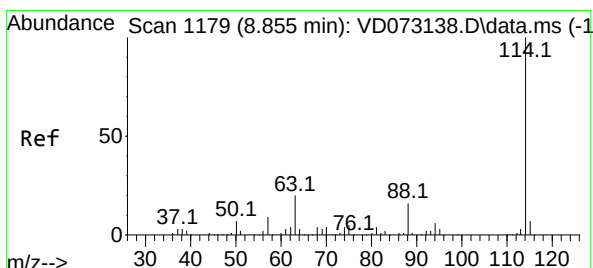
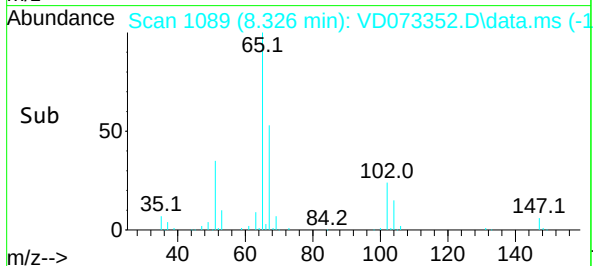
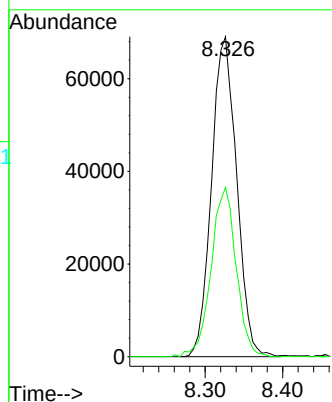
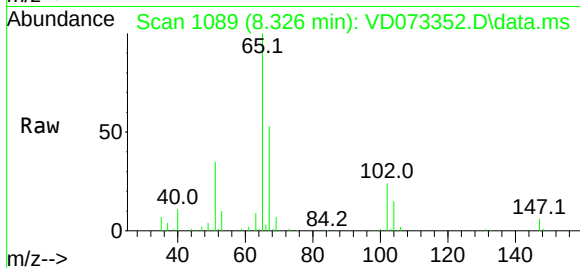
P021-SS001-0006-01

Tgt Ion: 65 Resp: 155330

Ion Ratio Lower Upper

65 100

67 52.8 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: VD073352.D

Acq: 25 May 2022 05:42

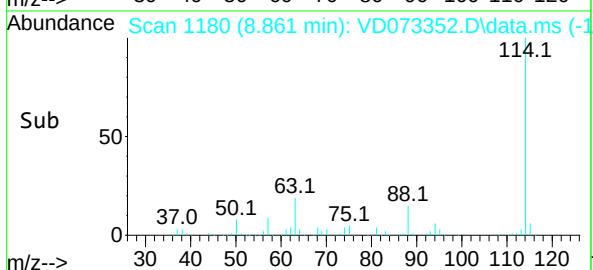
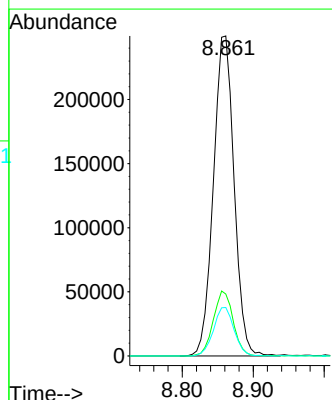
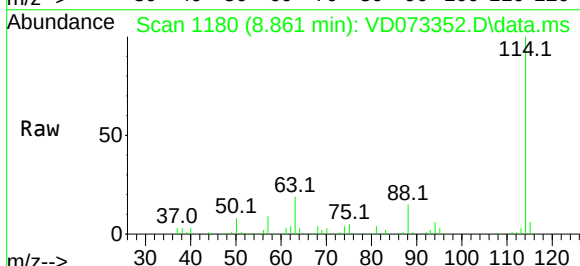
Tgt Ion: 114 Resp: 504287

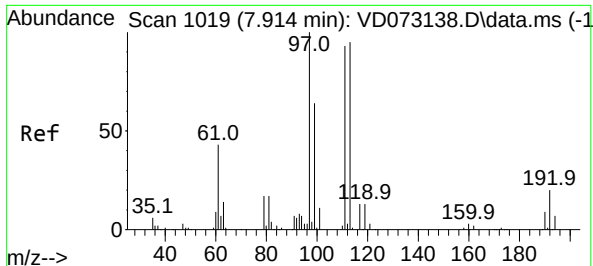
Ion Ratio Lower Upper

114 100

63 19.4 0.0 46.6

88 15.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.413 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073352.D

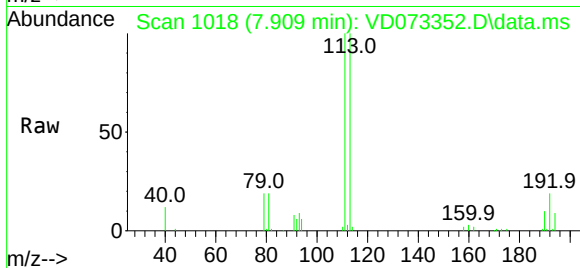
Acq: 25 May 2022 05:42

Instrument :

MSVOA_D

ClientSampleId :

P021-SS001-0006-01



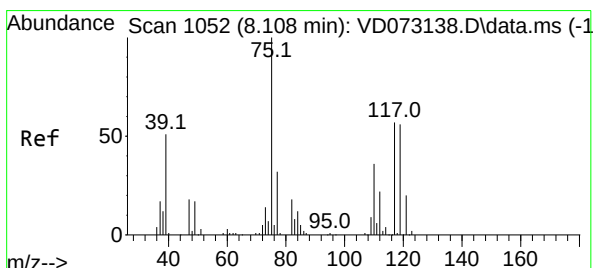
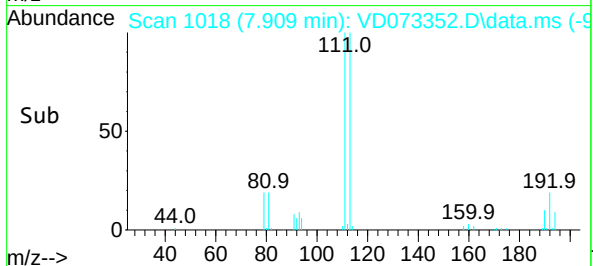
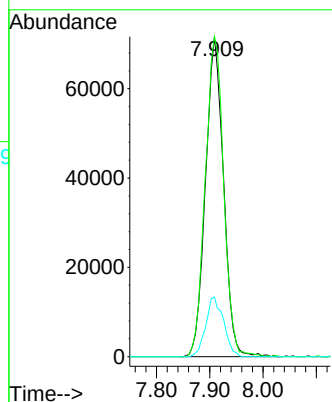
Tgt Ion:113 Resp: 167754

Ion Ratio Lower Upper

113 100

111 102.8 83.8 125.6

192 18.5 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.968 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.141 min

Lab File: VD073352.D

Acq: 25 May 2022 05:42

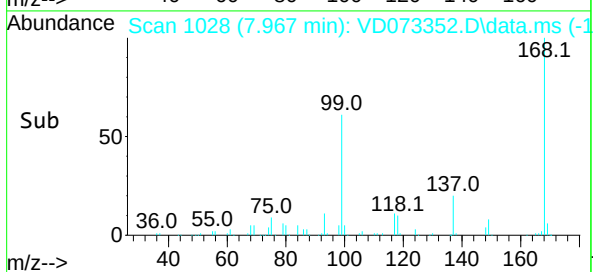
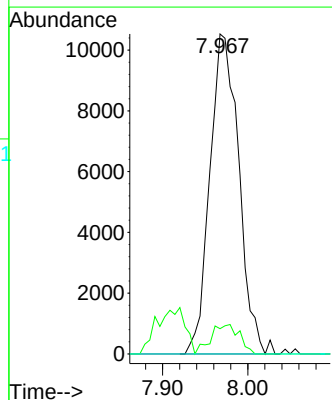
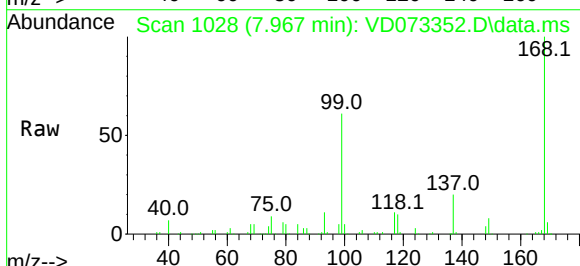
Tgt Ion: 75 Resp: 24865

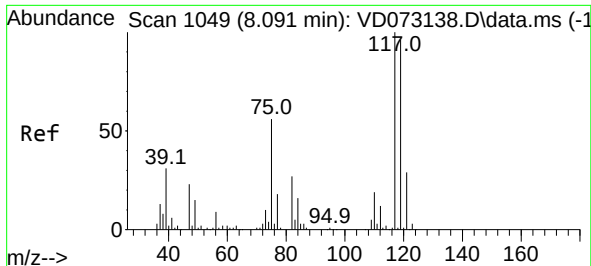
Ion Ratio Lower Upper

75 100

110 8.2 16.4 49.1#

77 0.0 24.2 36.2#

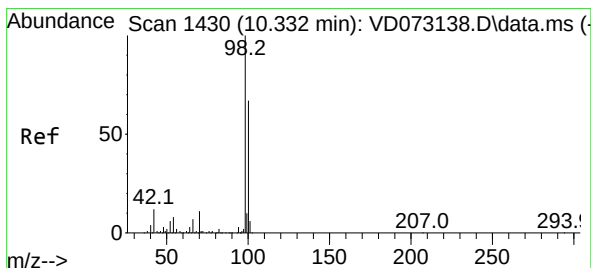
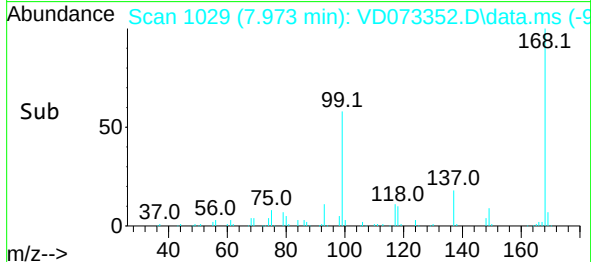
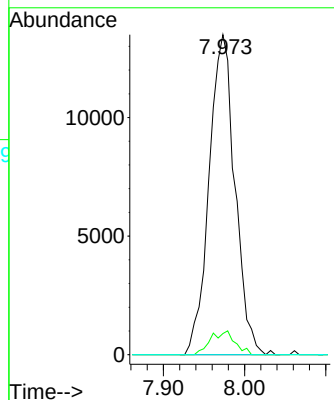
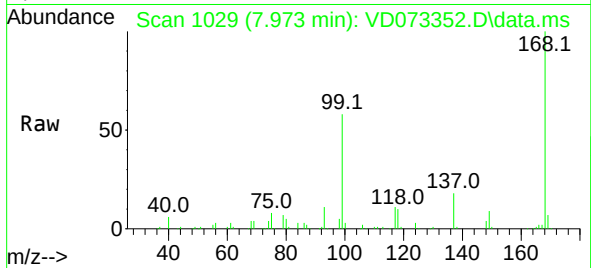




#38
Carbon Tetrachloride
Concen: 5.886 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD073352.D
Acq: 25 May 2022 05:42

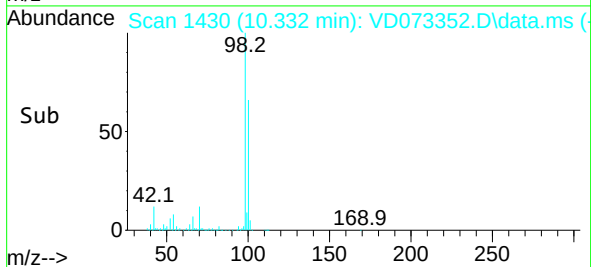
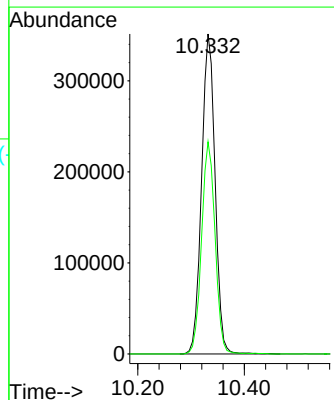
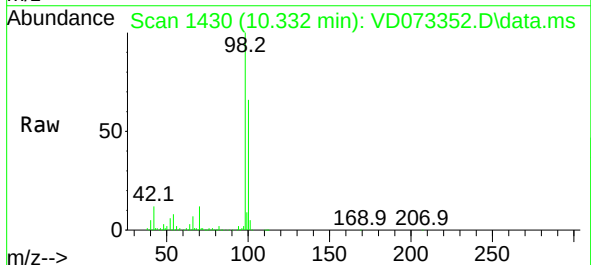
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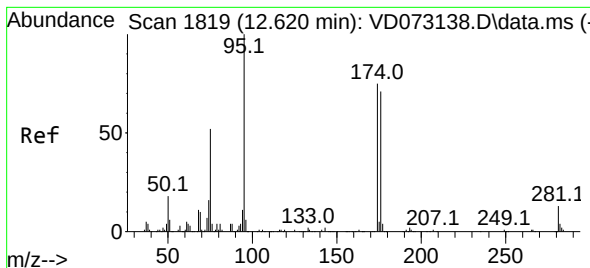
Tgt Ion:117 Resp: 29859
Ion Ratio Lower Upper
117 100
119 6.6 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 50.283 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073352.D
Acq: 25 May 2022 05:42

Tgt Ion: 98 Resp: 616792
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6

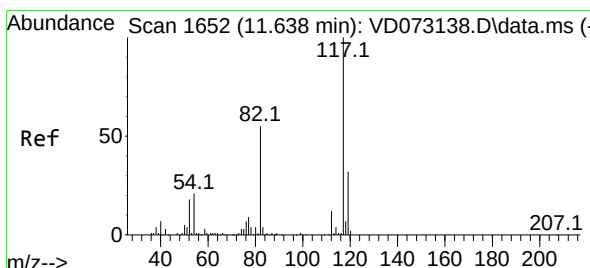
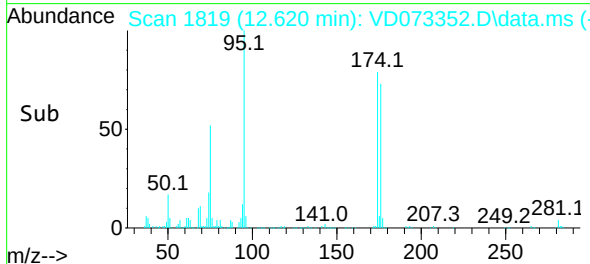
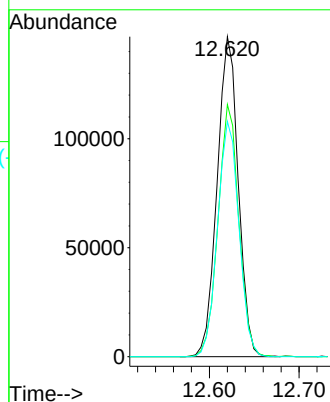
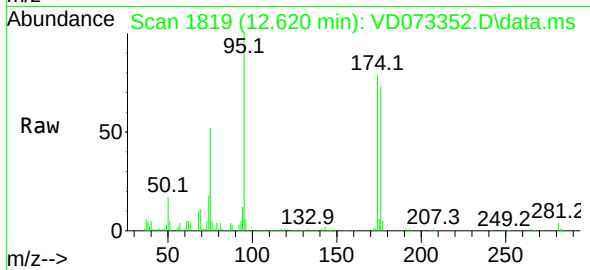




#62
4-Bromofluorobenzene
Concen: 55.737 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073352.D
Acq: 25 May 2022 05:42

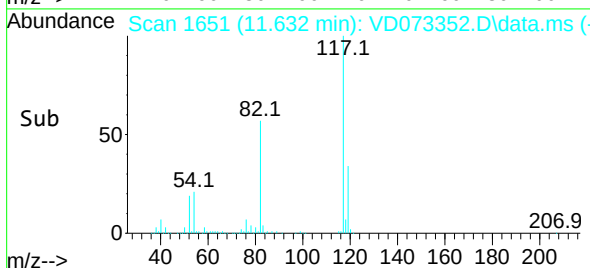
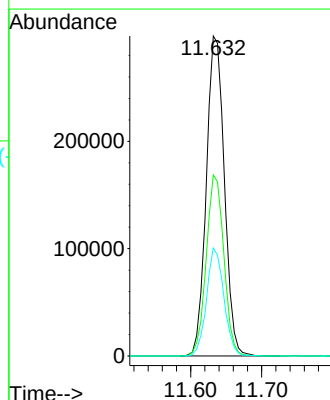
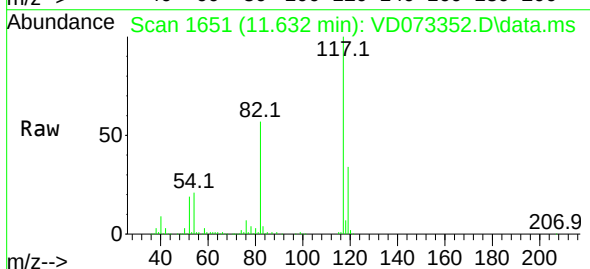
Instrument :
MSVOA_D
ClientSampleId :
P021-SS001-0006-01

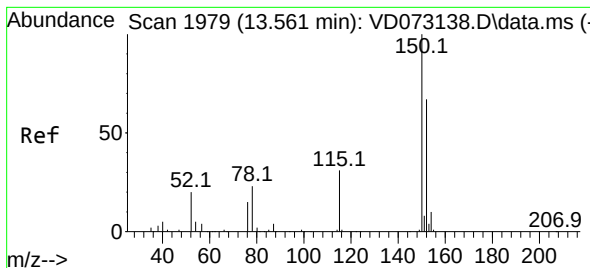
Tgt Ion: 95 Resp: 239938
Ion Ratio Lower Upper
95 100
174 77.6 0.0 152.8
176 74.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073352.D
Acq: 25 May 2022 05:42

Tgt Ion: 117 Resp: 526576
Ion Ratio Lower Upper
117 100
82 56.6 45.3 67.9
119 33.7 26.6 40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1819

Delta R.T. 0.000 min

Lab File: VD073352.D

Acq: 25 May 2022 05:42

Instrument :

MSVOA_D

ClientSampleId :

P021-SS001-0006-01

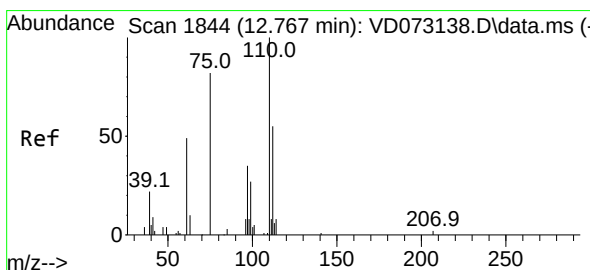
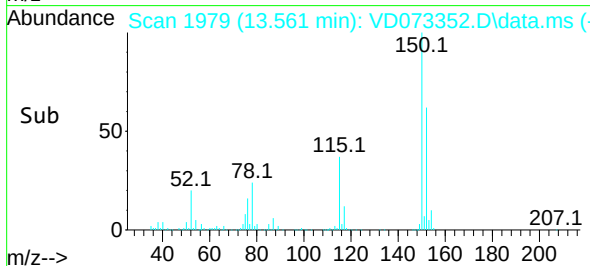
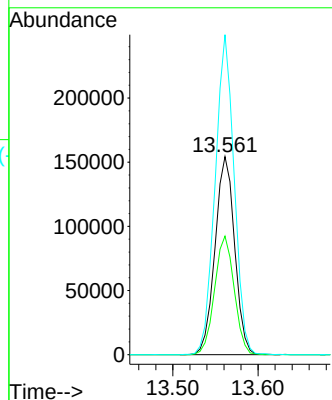
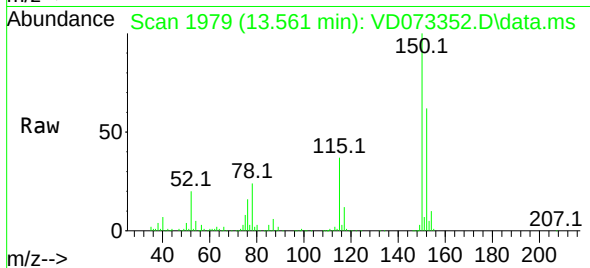
Tgt Ion:152 Resp: 247750

Ion Ratio Lower Upper

152 100

115 59.7 31.3 93.8

150 157.0 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 50.300 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.147 min

Lab File: VD073352.D

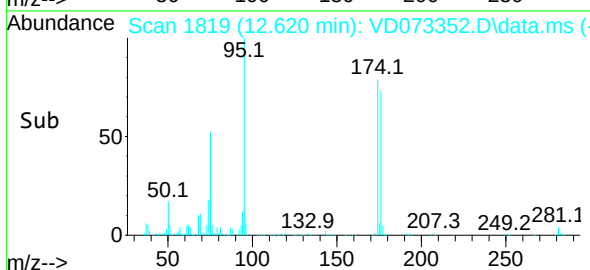
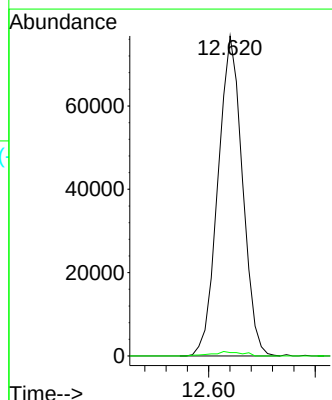
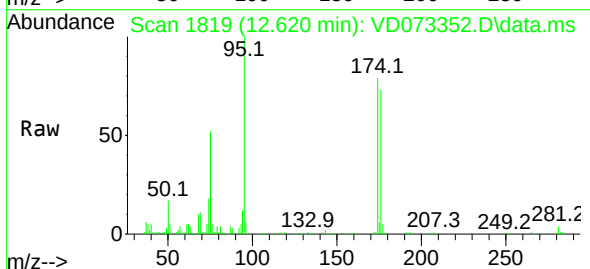
Acq: 25 May 2022 05:42

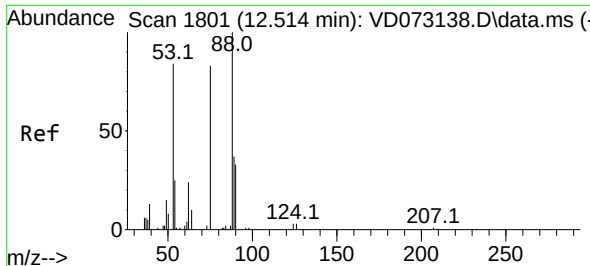
Tgt Ion: 75 Resp: 122271

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#

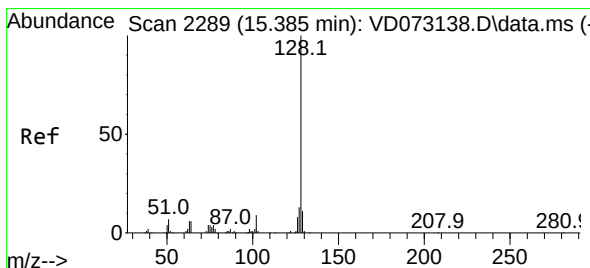
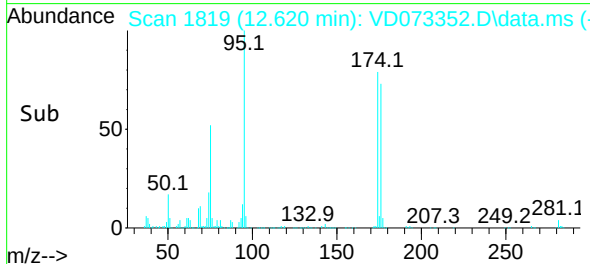
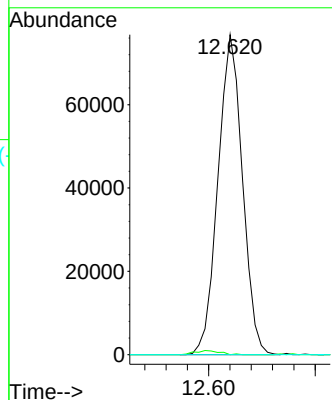
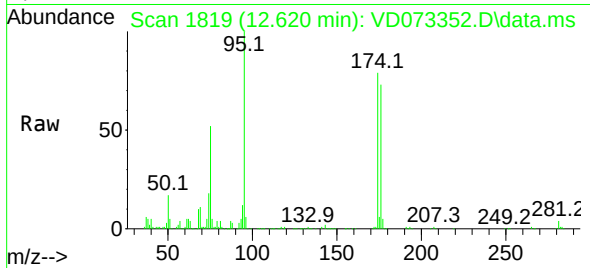




#81
trans-1,4-Dichloro-2-butene
Concen: 120.754 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073352.D
Acq: 25 May 2022 05:42

Instrument :
MSVOA_D
ClientSampleId :
P021-SS001-0006-01

Tgt Ion: 75 Resp: 122271
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 3.550 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD073352.D
Acq: 25 May 2022 05:42

Tgt Ion: 128 Resp: 77
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

