

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061319\
 Data File : VN056278.D
 Acq On : 13 Jun 2019 13:56
 Operator : JC/SP
 Sample : K3331-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 14 01:11:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	335330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	552485	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	539398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	159672	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	187716	56.38	ug/l	0.00
Spiked Amount			Recovery	=	112.76%	
35) Dibromofluoromethane	7.59	113	169860	50.11	ug/l	0.00
Spiked Amount			Recovery	=	100.22%	
50) Toluene-d8	10.09	98	683198	52.38	ug/l	0.00
Spiked Amount			Recovery	=	104.76%	
62) 4-Bromofluorobenzene	12.40	95	217230	48.97	ug/l	0.00
Spiked Amount			Recovery	=	97.94%	

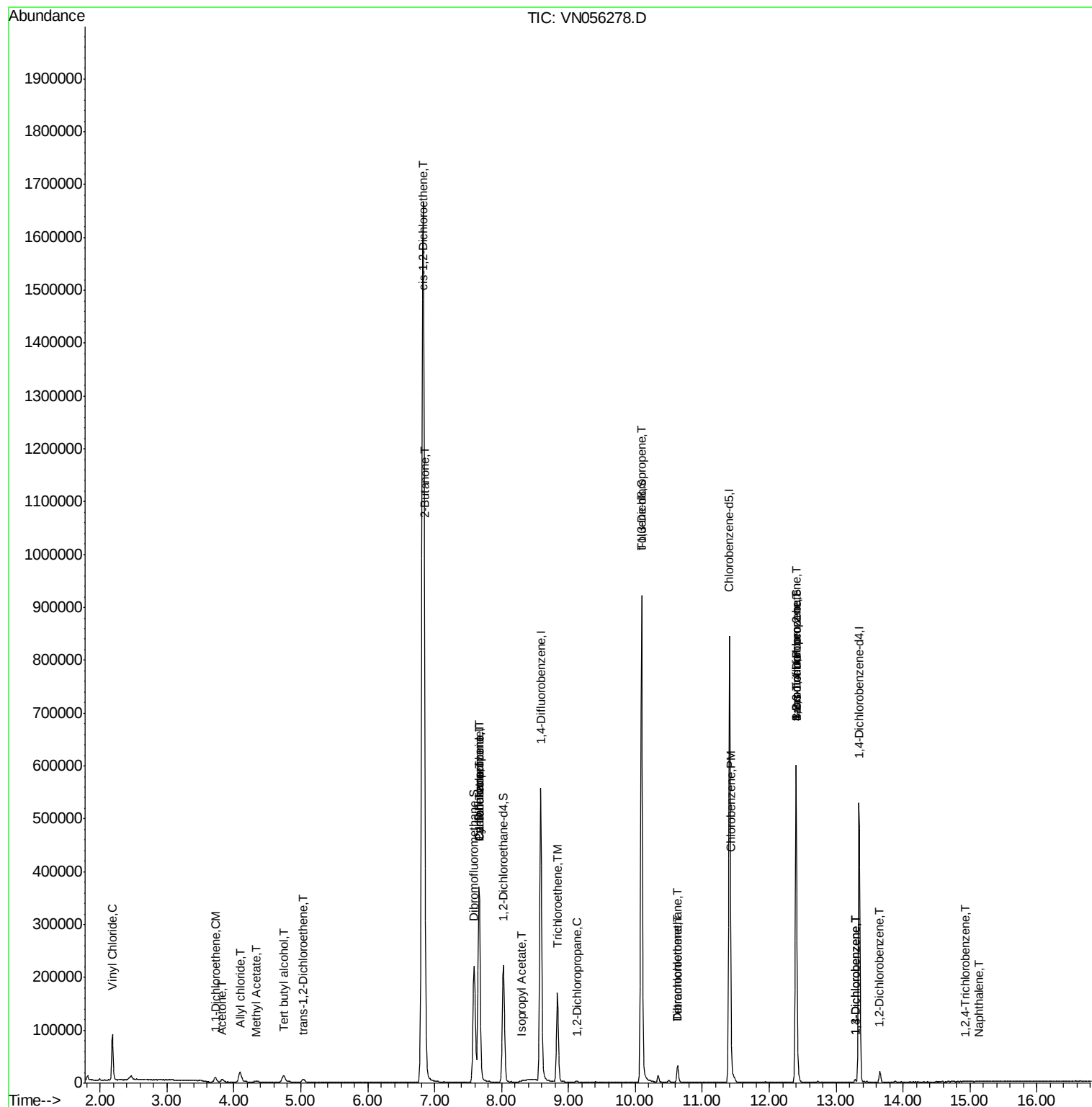
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.18	62	81239	22.280	ug/l	100
11) Tert butyl alcohol	4.75	59	11420	19.710	ug/l #	74
12) 1,1-Dichloroethene	3.72	96	5282	1.876	ug/l	92
14) Allyl chloride	4.09	41	3081	0.693	ug/l #	62
16) Acetone	3.82	43	8995	5.649	ug/l	94
18) Methyl Acetate	4.33	43	3482	0.541	ug/l #	60
21) trans-1,2-Dichloroethene	5.04	96	4171	1.383	ug/l	93
25) 2-Butanone	6.86	43	848	0.421	ug/l #	1
27) cis-1,2-Dichloroethene	6.83	96	1165276	328.666	ug/l	92
31) Cyclohexane	7.66	56	5295	1.002	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	21437	4.512	ug/l #	41
38) Carbon Tetrachloride	7.66	117	29468	6.728	ug/l #	15
43) Isopropyl Acetate	8.28	43	1548	0.226	ug/l #	53
44) Trichloroethene	8.83	130	67046	16.171	ug/l	97
45) 1,2-Dichloropropane	9.12	63	966	0.261	ug/l #	86
53) t-1,3-Dichloropropene	10.10	75	32	2.404	ug/l #	85
60) Dibromochloromethane	10.63	129	6482	4.023	ug/l #	11
64) Tetrachloroethene	10.63	164	7827	1.676	ug/l	98
65) Chlorobenzene	11.43	112	3276	0.305	ug/l #	85
71) Bromoform	12.40	173	1454	3.184	ug/l #	1
73) Isopropylbenzene	12.40	105	62	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.40	75	98920	33.669	ug/l #	100
79) 2-Chlorotoluene	12.40	91	623	Below Cal	#	39
81) trans-1,4-Dichloro-2-buten	12.40	75	98920	112.123	ug/l #	15
87) 1,3-Dichlorobenzene	13.28	146	2849	0.538	ug/l	93
88) 1,4-Dichlorobenzene	13.28	146	2849	0.560	ug/l	93
91) 1,2-Dichlorobenzene	13.65	146	9984	1.869	ug/l	99
93) 1,2,4-Trichlorobenzene	14.92	180	65	4.290	ug/l #	12
95) Naphthalene	15.14	128	286	3.886	ug/l #	69

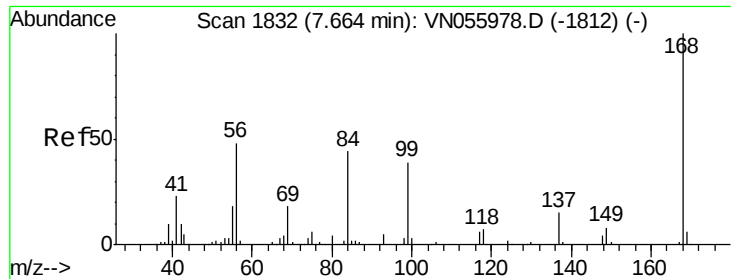
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 04 11:02:09 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056278.D

Acq: 13 Jun 2019 13:56

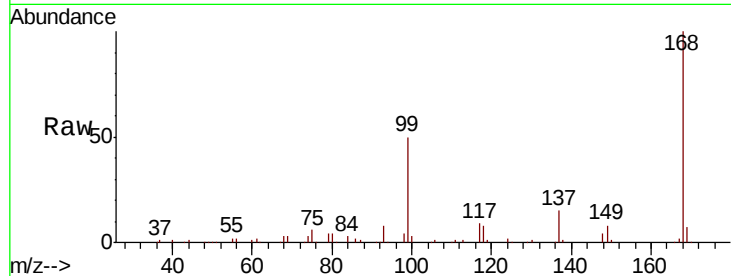
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 335330

Ion Ratio Lower Upper

168 100

99 50.4 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

150000

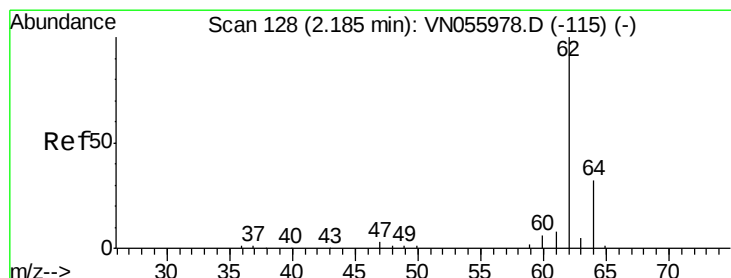
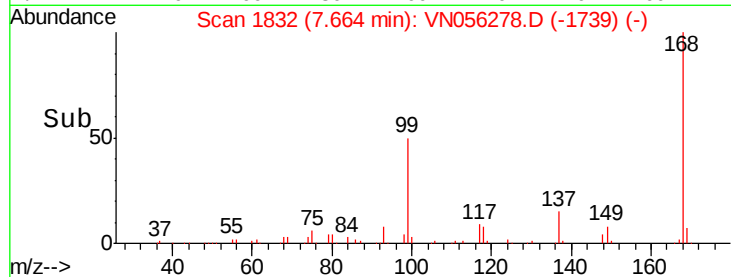
100000

50000

0

Time-->

7.60 7.70 7.80



#4

Vinyl Chloride

Concen: 22.280 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN056278.D

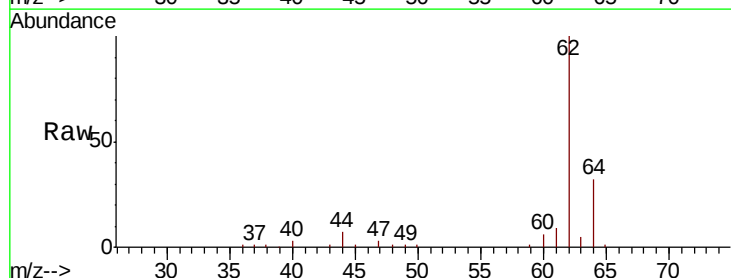
Acq: 13 Jun 2019 13:56

Tgt Ion: 62 Resp: 81239

Ion Ratio Lower Upper

62 100

64 32.1 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.18

60000

50000

40000

30000

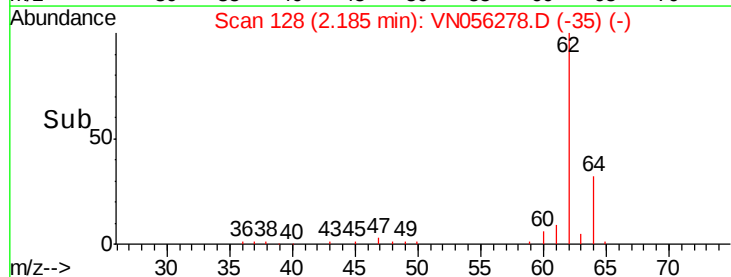
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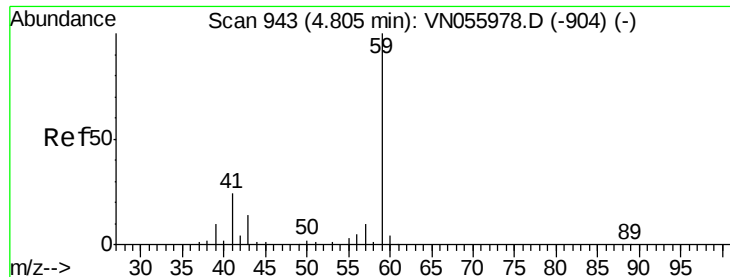
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Time-->

2.10 2.15 2.20 2.25



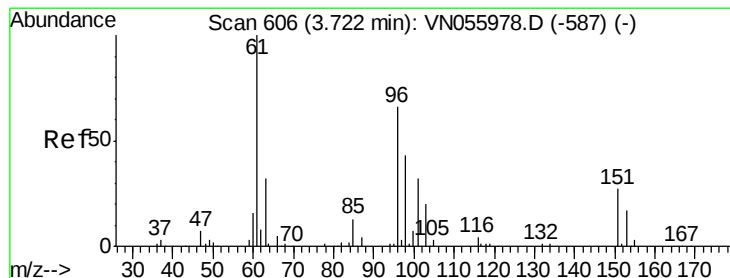
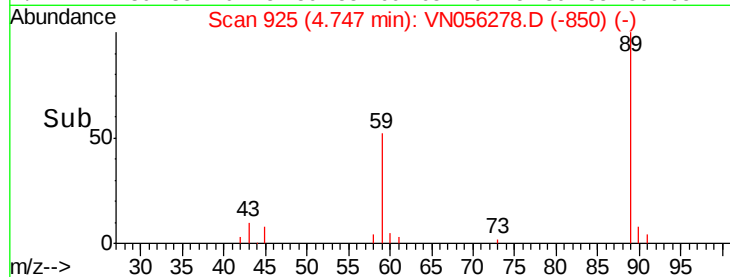
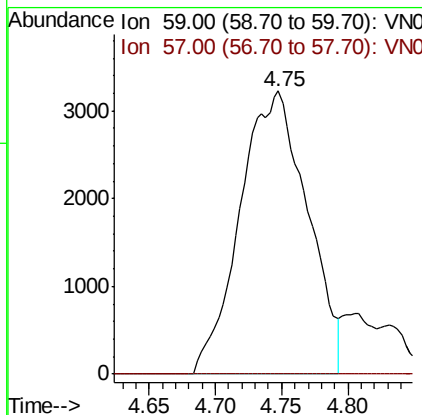
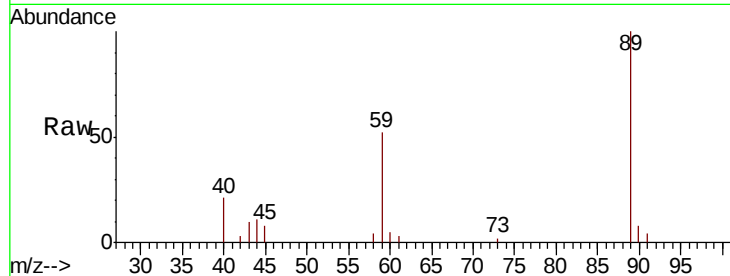


#11

Tert butyl alcohol
 Concen: 19.710 ug/l
 RT: 4.75 min Scan# 925
 Delta R.T. -0.06 min
 Lab File: VN056278.D
 Acq: 13 Jun 2019 13:56

Instrument :
 MSVOA_N
 ClientSampled :

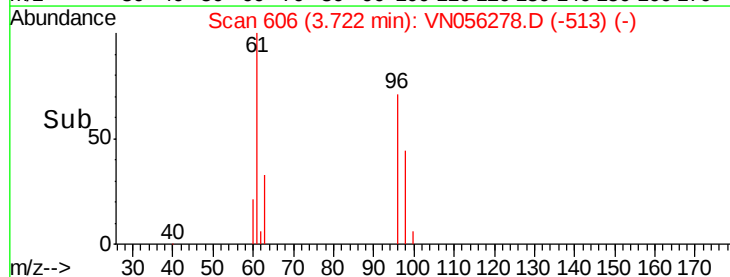
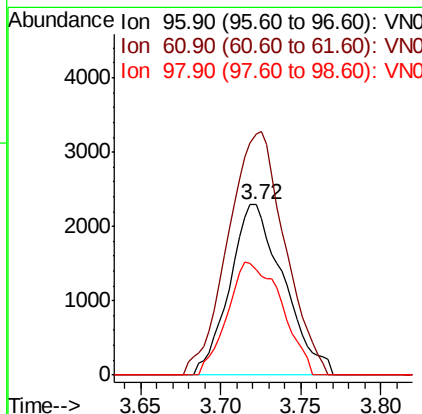
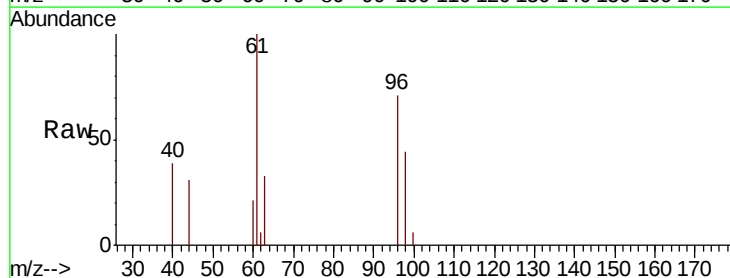
Tot Ion: 59 Resp: 11420
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.6#

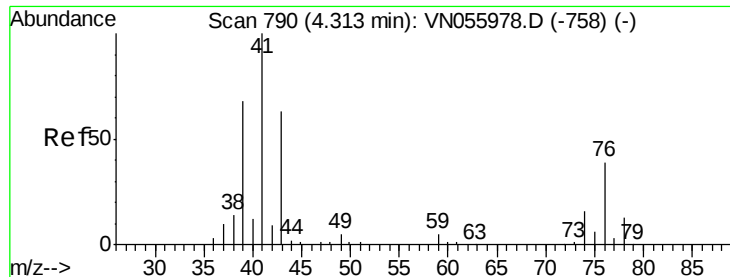


#12

1,1-Dichloroethene
 Concen: 1.876 ug/l
 RT: 3.72 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VN056278.D
 Acq: 13 Jun 2019 13:56

Tgt Ion: 96 Resp: 5282
 Ion Ratio Lower Upper
 96 100
 61 141.2 123.2 184.8
 98 61.6 50.4 75.6

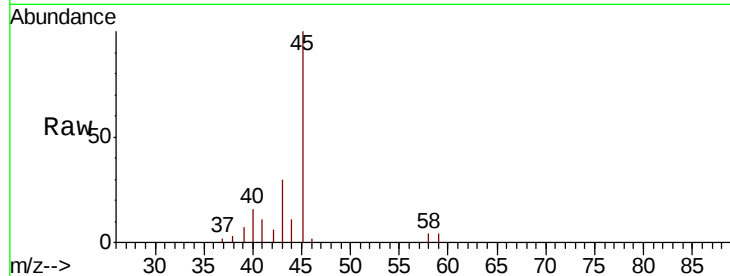




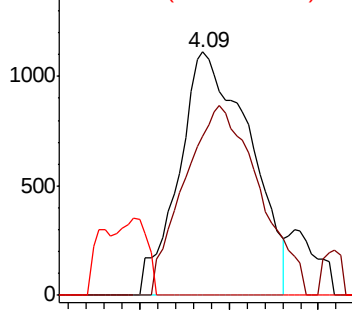
#14
Allv1 chloride
Concen: 0.693 ug/l
RT: 4.09 min Scan# 719
Delta R.T. -0.23 min
Lab File: VN056278.D
Acq: 13 Jun 2019 13:56

Instrument :
MSVOA_N
ClientSampleId :

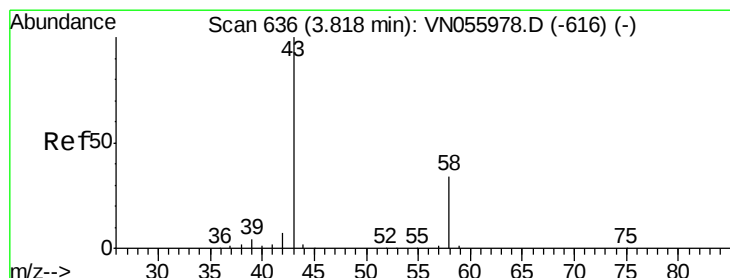
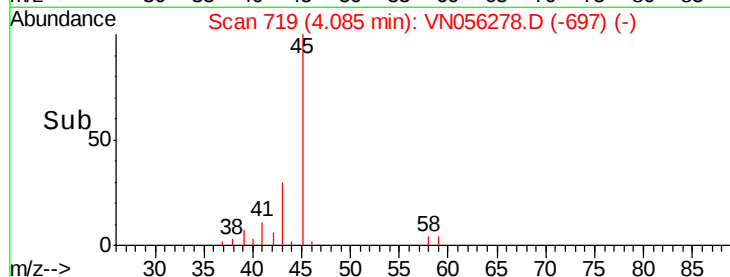
Tot Ion: 41 Resp: 3081
Ion Ratio Lower Upper
41 100
39 82.2 50.0 75.0#
76 0.0 28.2 42.2#



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 75.90 (75.60 to 76.60): VNO

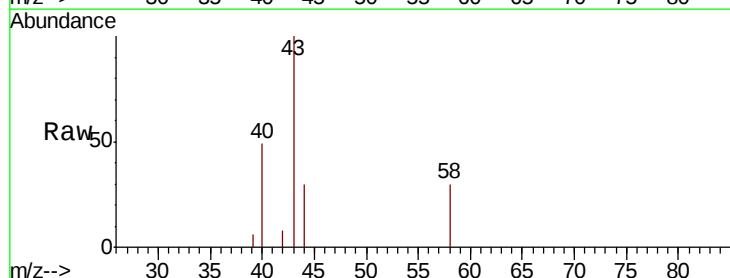


Time-->

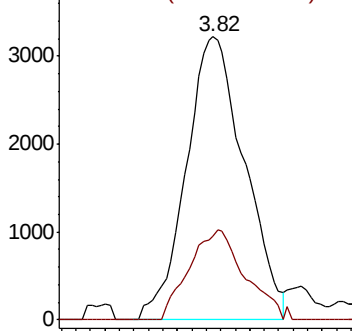


#16
Acetone
Concen: 5.649 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN056278.D
Acq: 13 Jun 2019 13:56

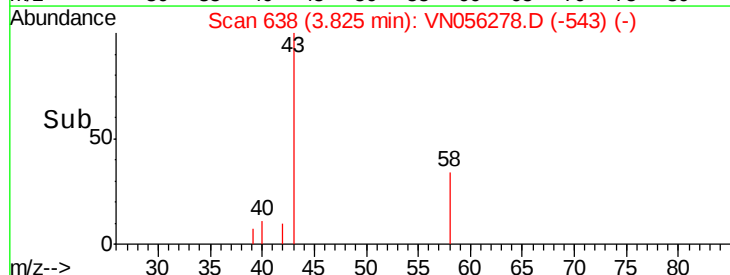
Tgt Ion: 43 Resp: 8995
Ion Ratio Lower Upper
43 100
58 29.8 26.6 39.8

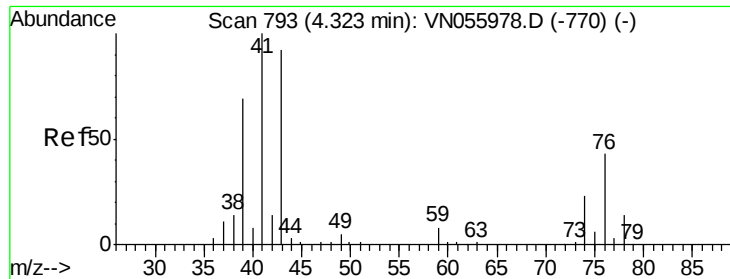


Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 58.00 (57.70 to 58.70): VNO



Time-->

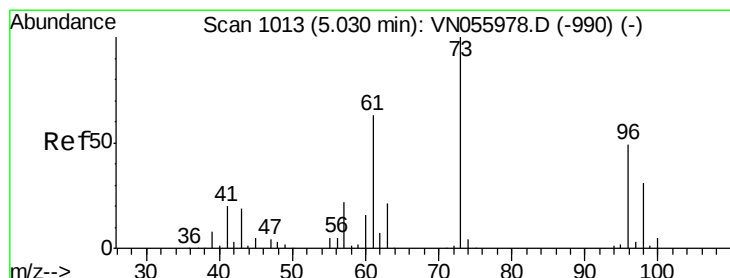
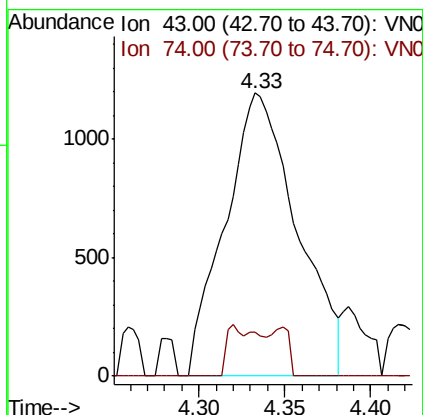
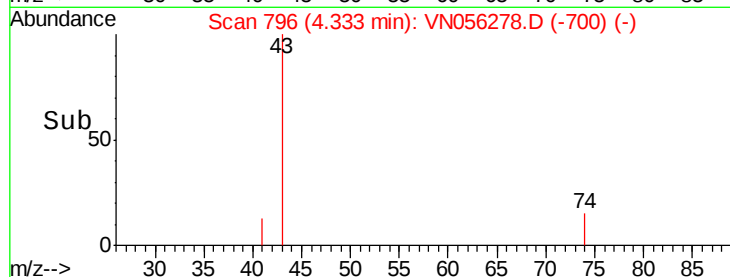
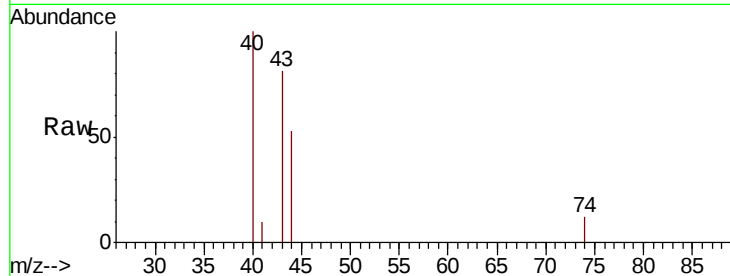




#18
Methvl Acetate
Concen: 0.541 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN056278.D
Acq: 13 Jun 2019 13:56

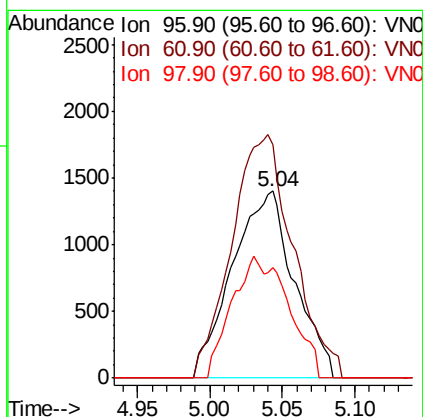
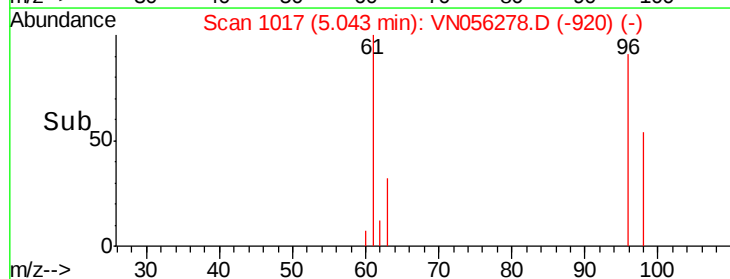
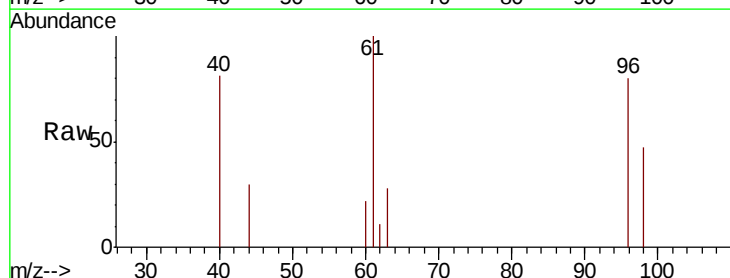
Instrument :
MSVOA_N
ClientSampled :

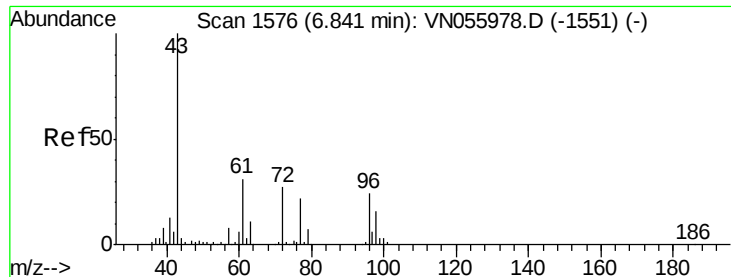
Tot Ion: 43 Resp: 3482
Ion Ratio Lower Upper
43 100
74 4.3 19.3 28.9#



#21
trans-1,2-Dichloroethene
Concen: 1.383 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VN056278.D
Acq: 13 Jun 2019 13:56

Tgt Ion: 96 Resp: 4171
Ion Ratio Lower Upper
96 100
61 124.7 107.8 161.8
98 59.2 49.8 74.8





#25

2-Butanone

Concen: 0.421 ug/l

RT: 6.86 min Scan# 1581

Delta R.T. 0.02 min

Lab File: VN056278.D

Acq: 13 Jun 2019 13:56

Instrument :

MSVOA_N

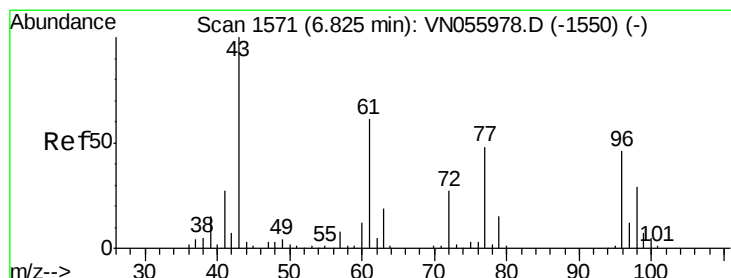
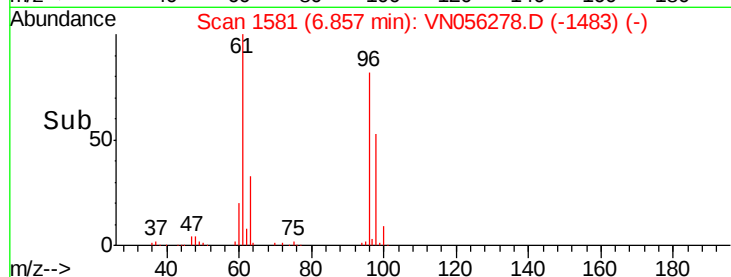
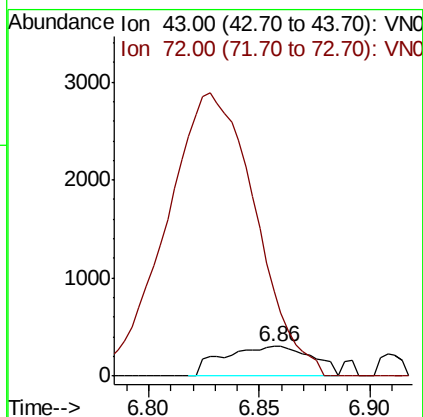
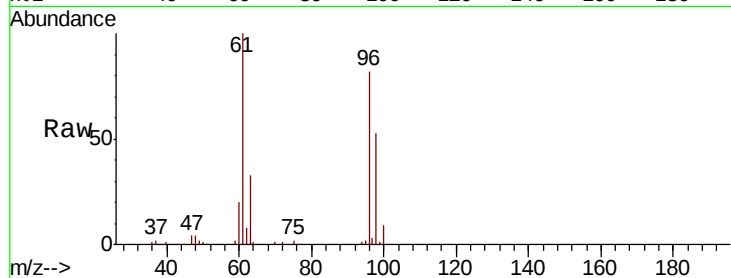
ClientSampled :

Tot Ion: 43 Resp: 848

Ion Ratio Lower Upper

43 100

72 284.5 21.9 32.9#



#27

cis-1,2-Dichloroethene

Concen: 328.666 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056278.D

Acq: 13 Jun 2019 13:56

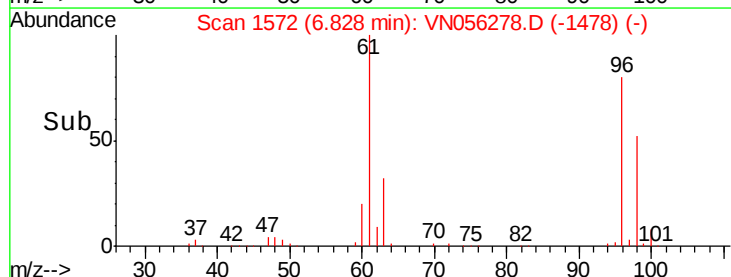
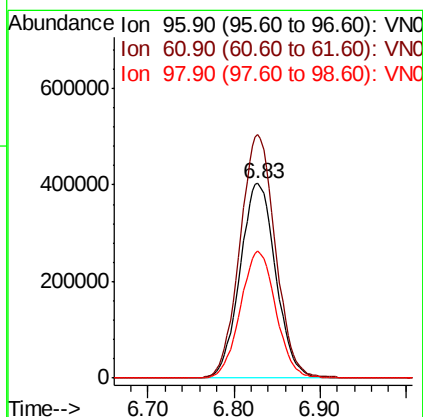
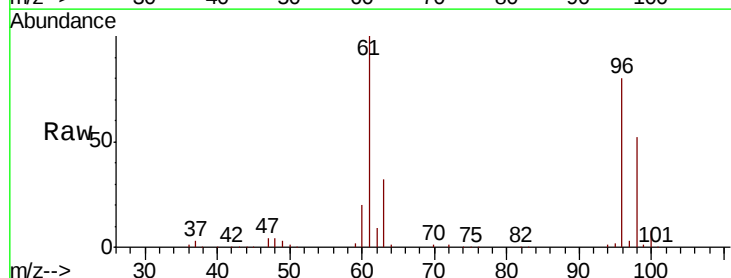
Tgt Ion: 96 Resp: 1165276

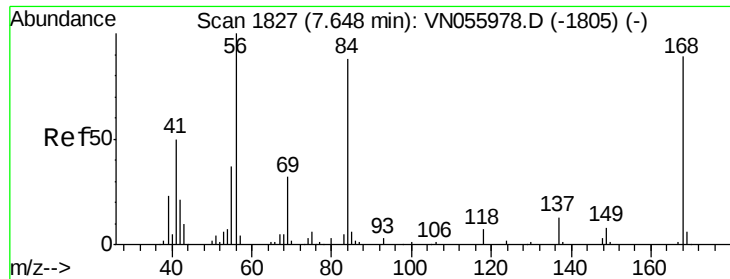
Ion Ratio Lower Upper

96 100

61 124.1 0.0 275.8

98 64.7 0.0 128.4

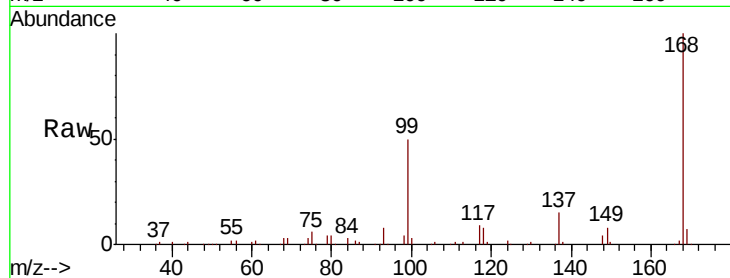




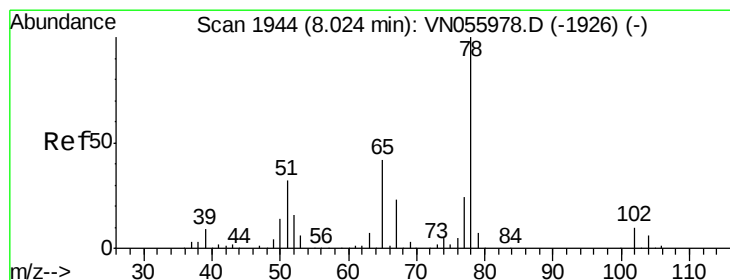
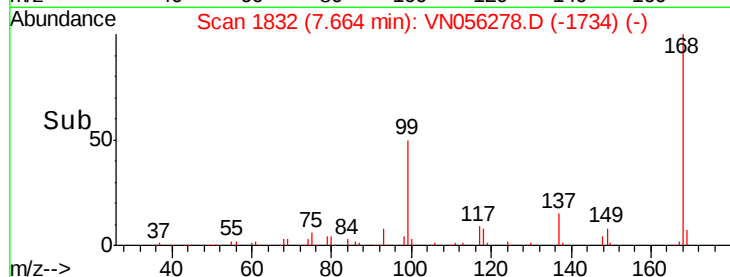
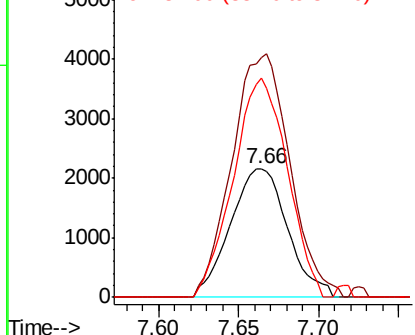
#31
Cyclohexane
Concen: 1.002 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.02 min
Lab File: VN056278.D
Acq: 13 Jun 2019 13:56

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 5295
Ion Ratio Lower Upper
56 100
69 186.5 25.6 38.4#
84 171.1 67.4 101.0#

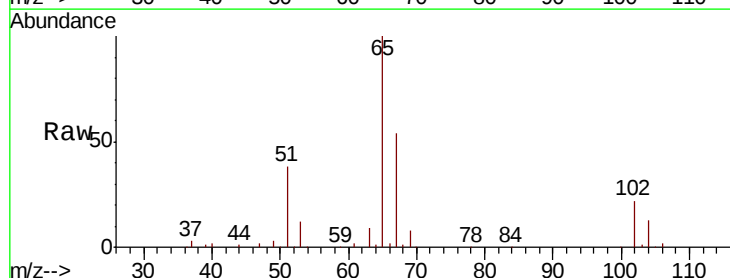


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

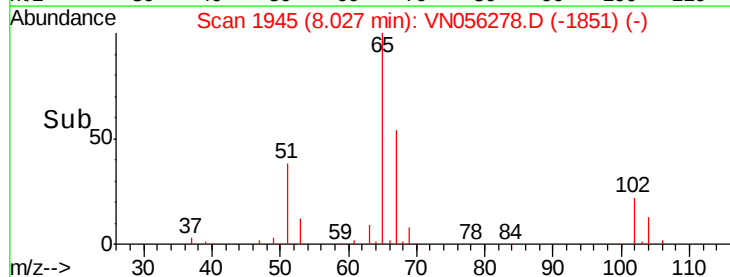
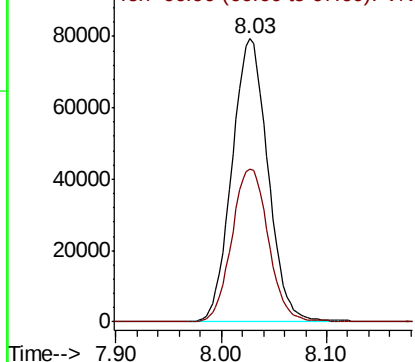


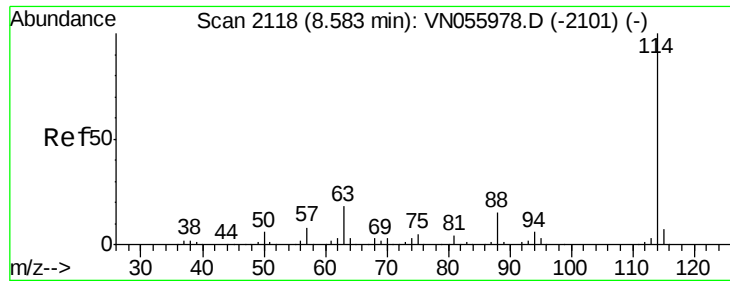
#33
1,2-Dichloroethane-d4
Concen: 56.379 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056278.D
Acq: 13 Jun 2019 13:56

Tgt Ion: 65 Resp: 187716
Ion Ratio Lower Upper
65 100
67 55.0 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

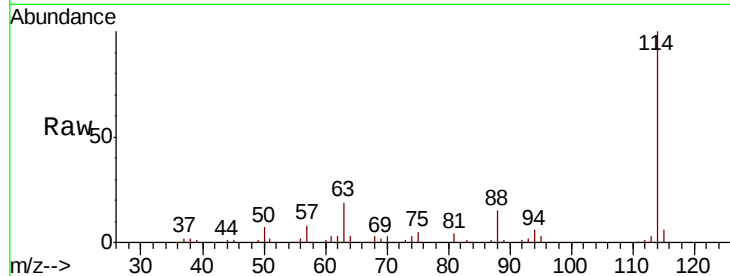




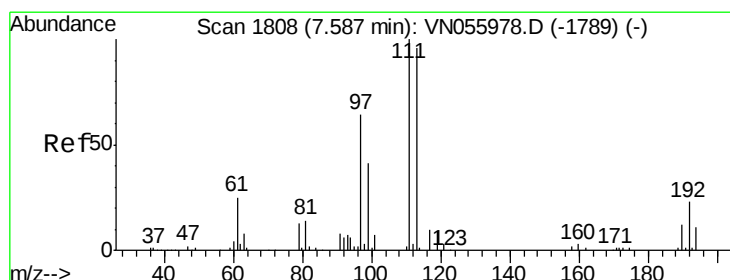
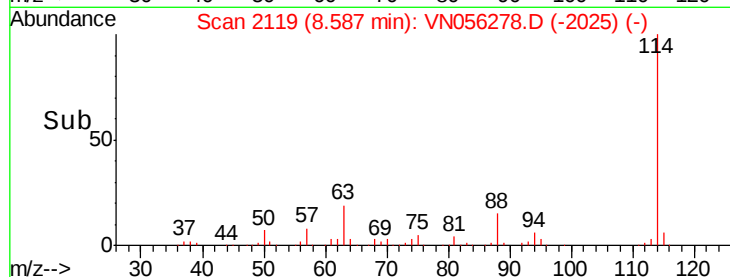
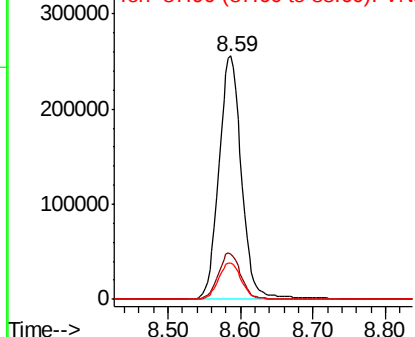
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056278.D
 Acq: 13 Jun 2019 13:56

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 552485
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.2
 88 14.8 0.0 31.0

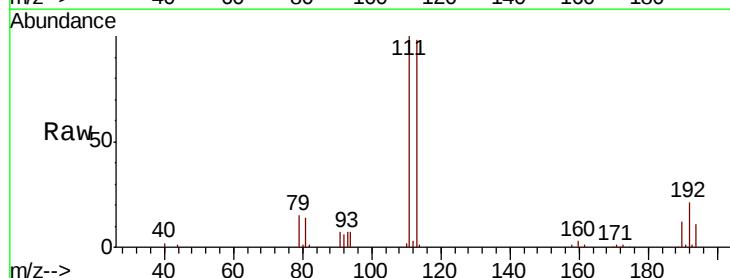


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

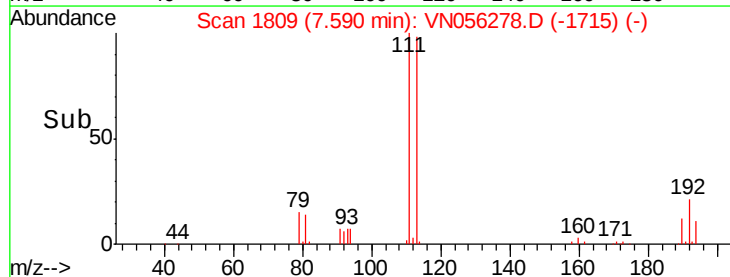
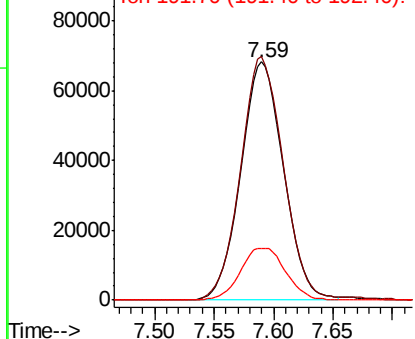


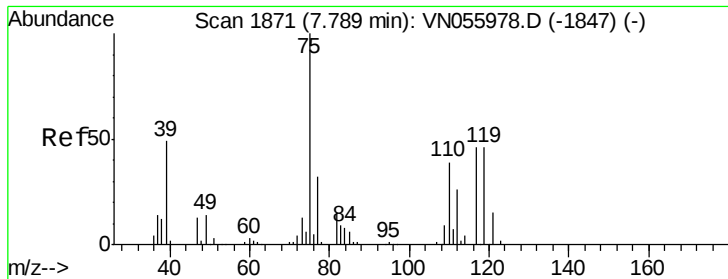
#35
 Dibromofluoromethane
 Concen: 50.111 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056278.D
 Acq: 13 Jun 2019 13:56

Tgt Ion:113 Resp: 169860
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.9 122.9
 192 23.1 19.5 29.3



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

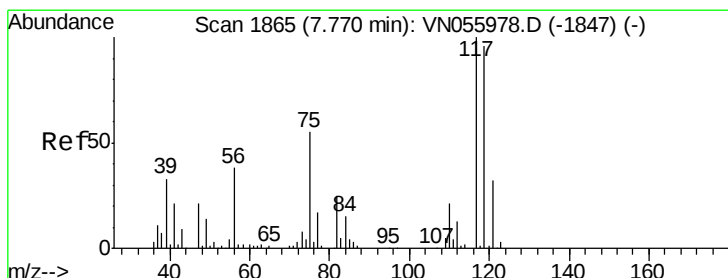
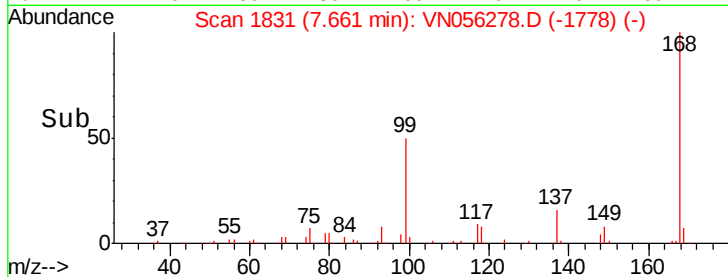
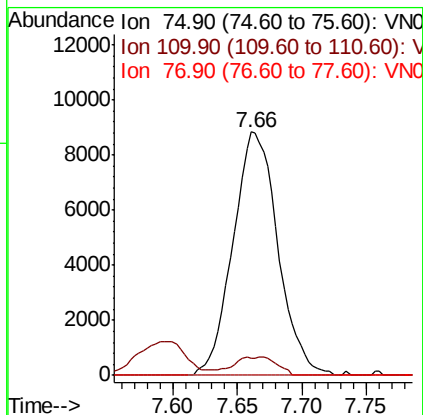
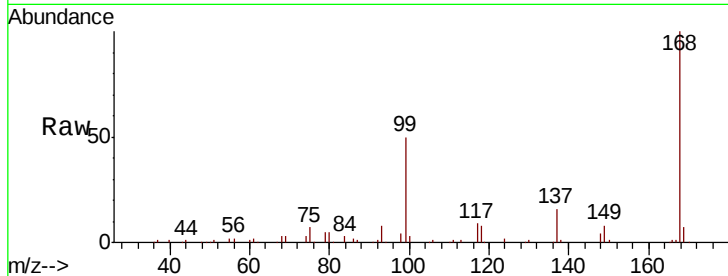




#36
 1,1-Dichloropropene
 Concen: 4.512 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN056278.D
 Acq: 13 Jun 2019 13:56

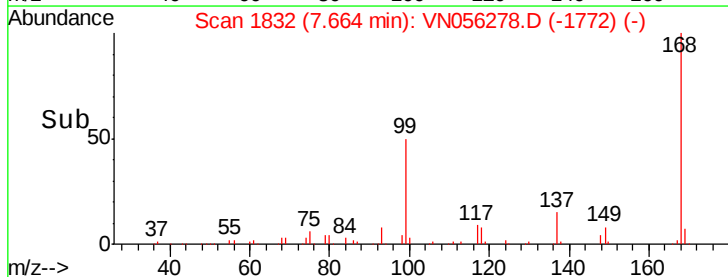
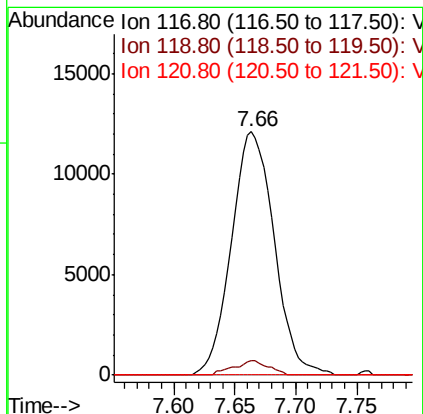
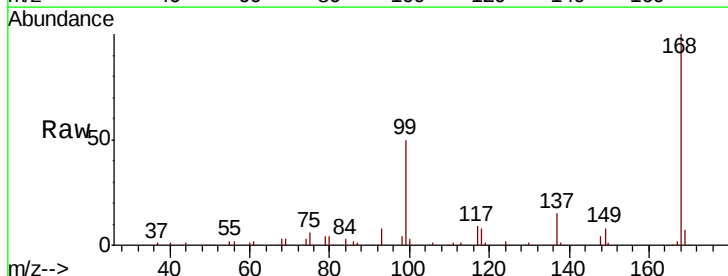
Instrument :
 MSVOA_N
 ClientSampleId :

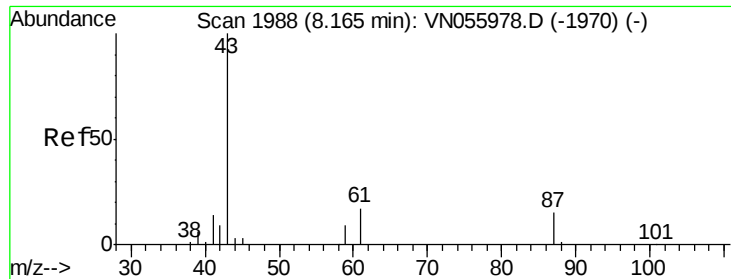
Tot Ion: 75 Resp: 21437
 Ion Ratio Lower Upper
 75 100
 110 1.7 19.0 57.0#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 6.728 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN056278.D
 Acq: 13 Jun 2019 13:56

Tgt Ion: 117 Resp: 29468
 Ion Ratio Lower Upper
 117 100
 119 6.1 79.0 118.6#
 121 0.0 24.7 37.1#





#43

Isopropyl Acetate

Concen: 0.226 ug/l

RT: 8.28 min Scan# 2025

Delta R.T. 0.12 min

Lab File: VN056278.D

Acq: 13 Jun 2019 13:56

Instrument :

MSVOA_N

ClientSampled :

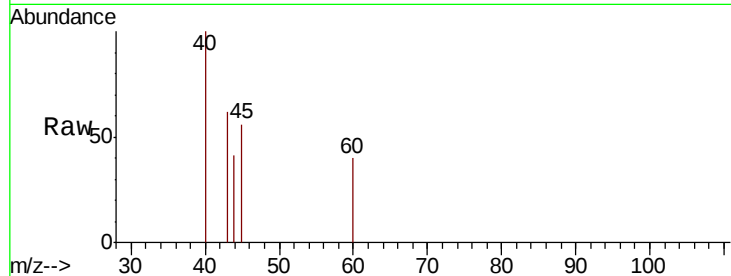
Tot Ion: 43 Resp: 1548

Ion Ratio Lower Upper

43 100

61 0.0 22.2 33.4#

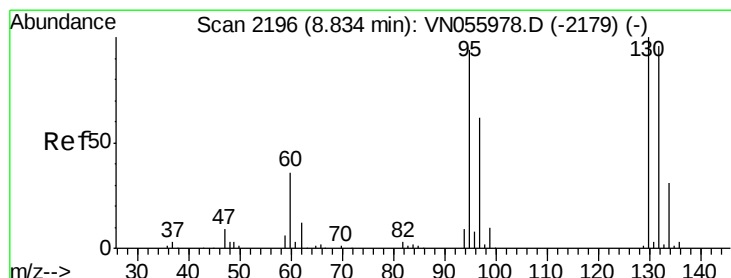
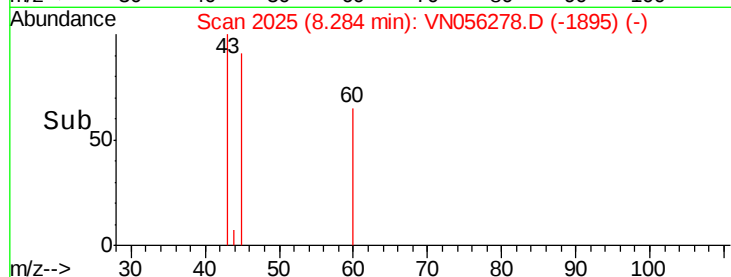
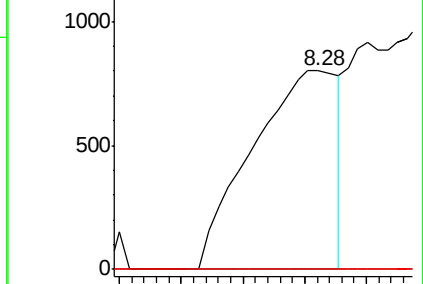
87 0.0 11.4 17.2#



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055978.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055978.D (-1970) (-)



#44

Trichloroethene

Concen: 16.171 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN056278.D

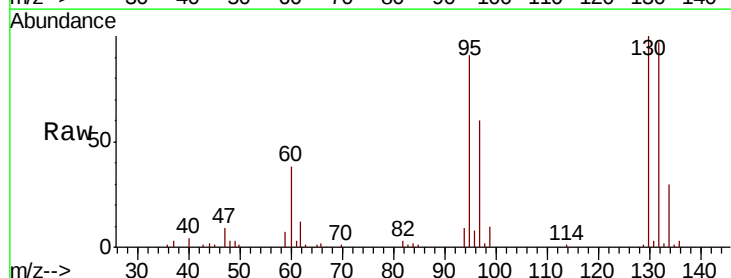
Acq: 13 Jun 2019 13:56

Tgt Ion: 130 Resp: 67046

Ion Ratio Lower Upper

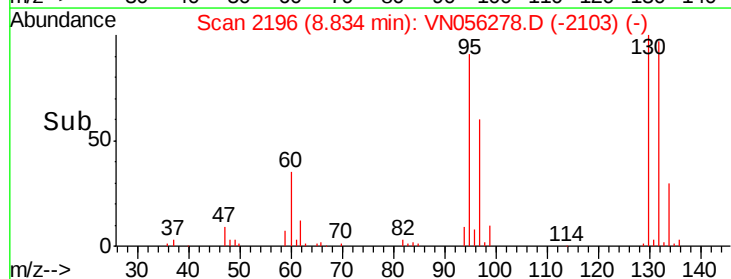
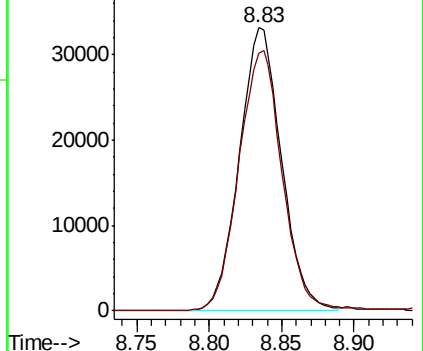
130 100

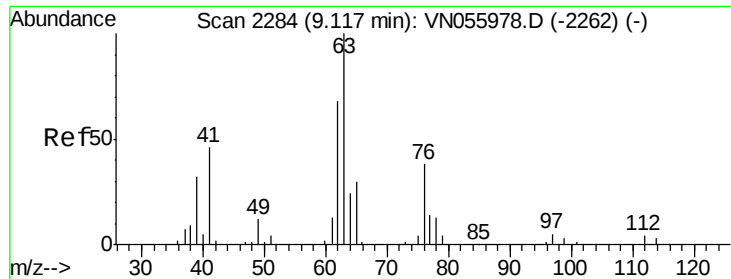
95 91.2 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VN055978.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055978.D (-2179) (-)

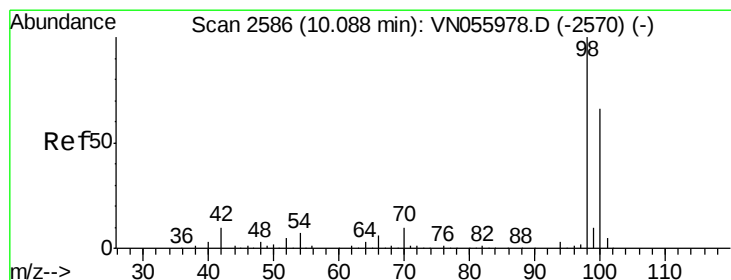
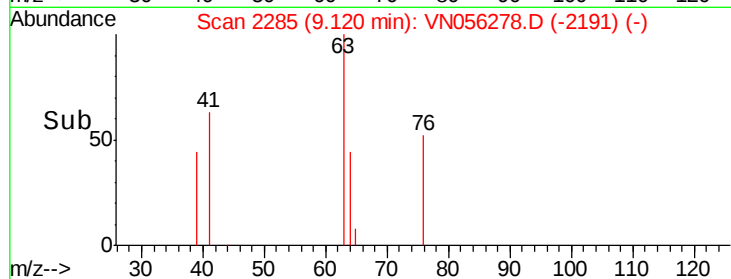
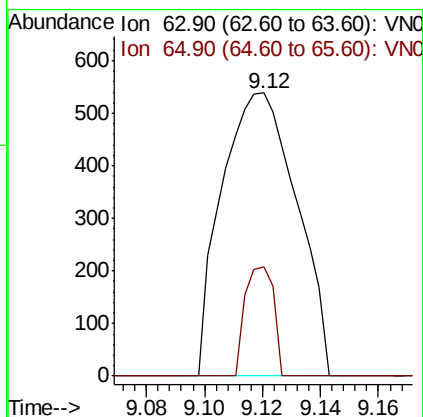
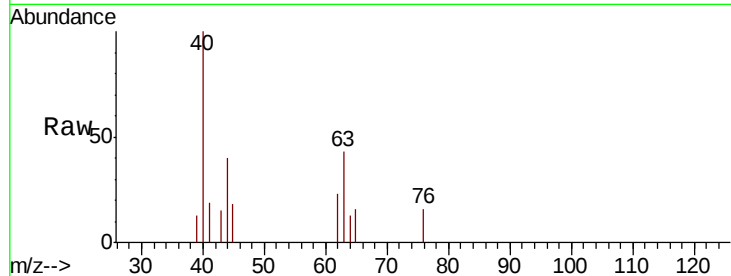




#45
 1,2-Dichloropropane
 Concen: 0.261 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN056278.D
 Acq: 13 Jun 2019 13:56

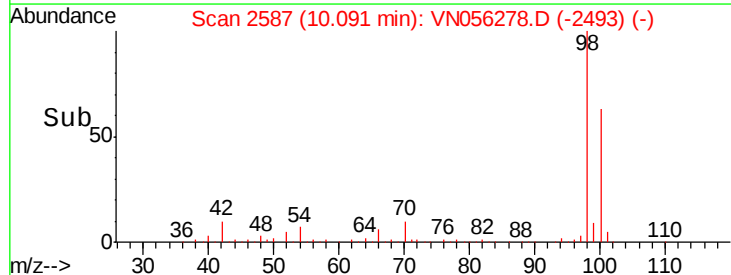
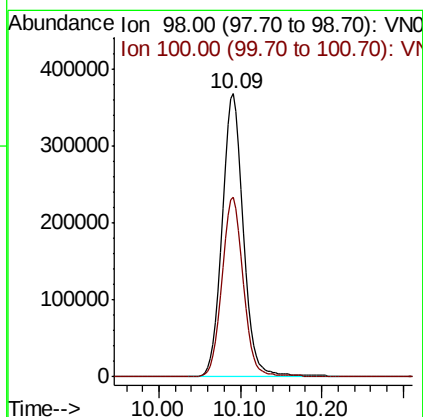
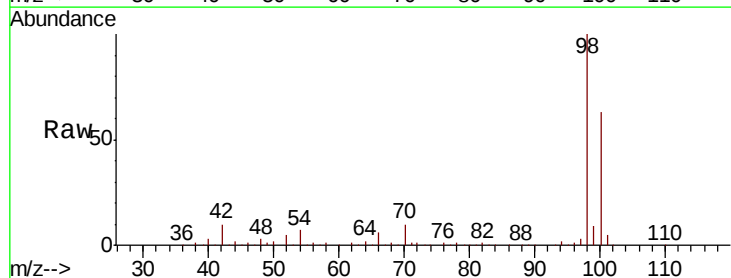
Instrument :
 MSVOA_N
 ClientSampled :

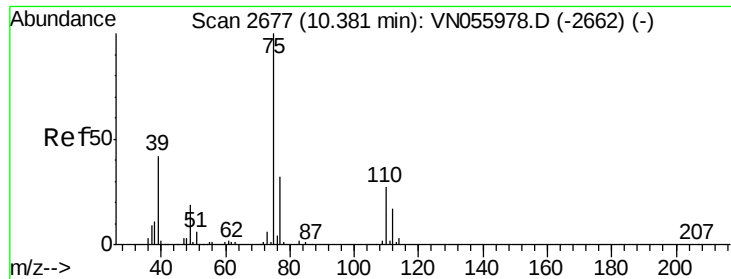
Tot Ion: 63 Resp: 966
 Ion Ratio Lower Upper
 63 100
 65 38.5 24.6 36.8#



#50
 Toluene-d8
 Concen: 52.378 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN056278.D
 Acq: 13 Jun 2019 13:56

Tgt Ion: 98 Resp: 683198
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.9 77.9





#53

t-1,3-Dichloropropene

Concen: 2.404 ug/l

RT: 10.10 min Scan# 2589

Delta R.T. -0.28 min

Lab File: VN056278.D

Acq: 13 Jun 2019 13:56

Instrument :

MSVOA_N

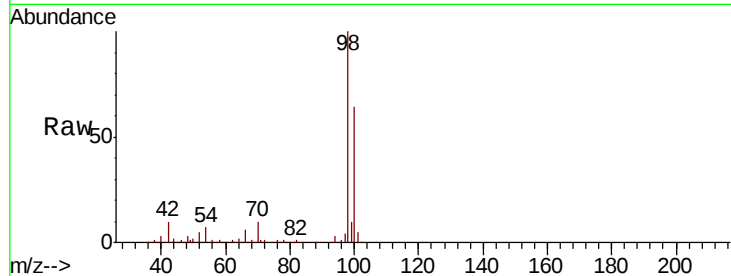
ClientSampled :

Tot Ion: 75 Resp: 32

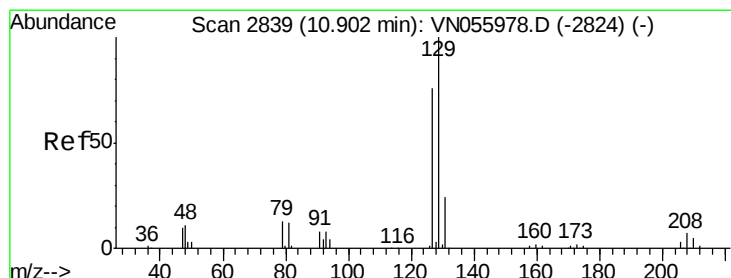
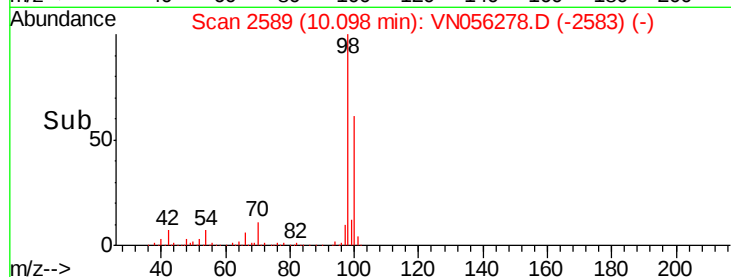
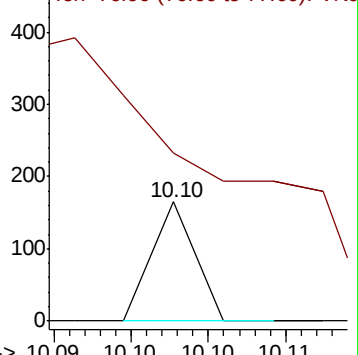
Ion Ratio Lower Upper

75 100

77 23.6 25.8 38.6#



Abundance Ion 74.90 (74.60 to 75.60): VN055978.D (-2662) (-)



#60

Dibromochloromethane

Concen: 4.023 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. -0.27 min

Lab File: VN056278.D

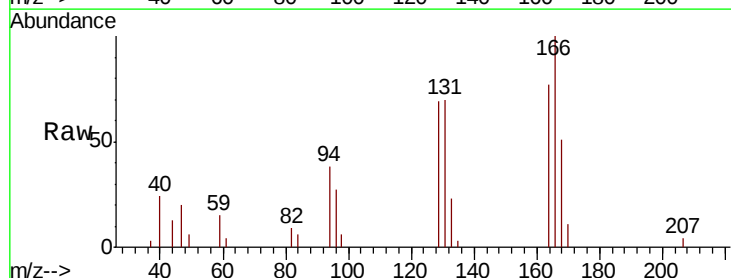
Acq: 13 Jun 2019 13:56

Tgt Ion: 129 Resp: 6482

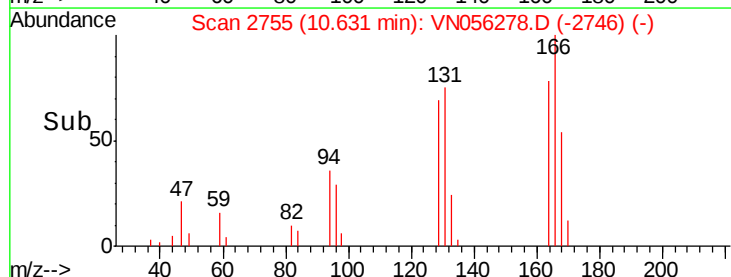
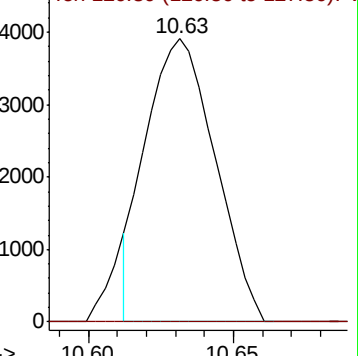
Ion Ratio Lower Upper

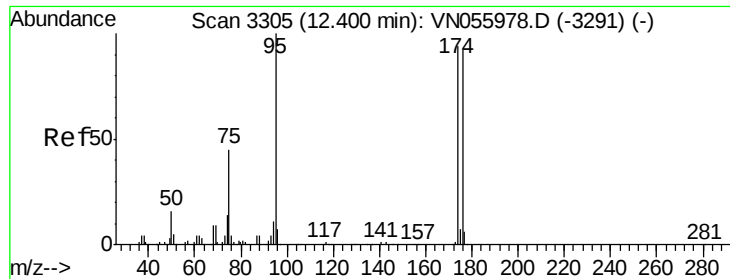
129 100

127 0.0 38.1 114.3#



Abundance Ion 128.80 (128.50 to 129.50): VN055978.D (-2824) (-)





#62

4-Bromofluorobenzene

Concen: 48.972 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056278.D

Acq: 13 Jun 2019 13:56

Instrument :

MSVOA_N

ClientSampleId :

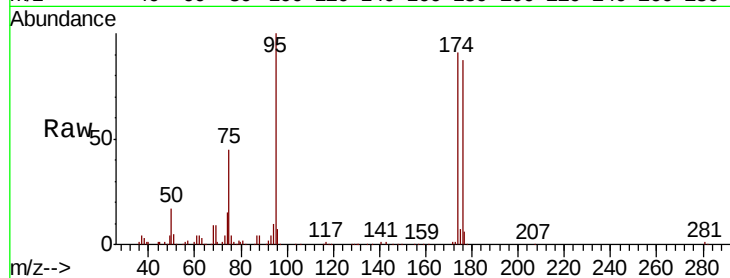
Tot Ion: 95 Resp: 217230

Ion Ratio Lower Upper

95 100

174 91.2 0.0 191.0

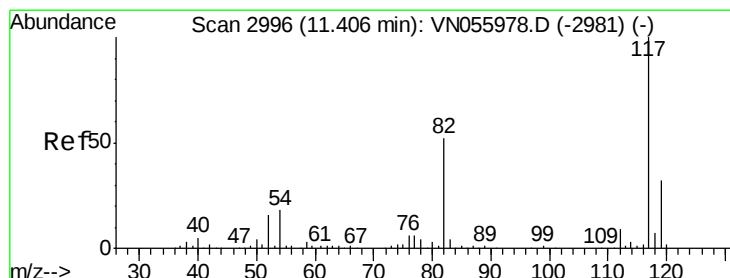
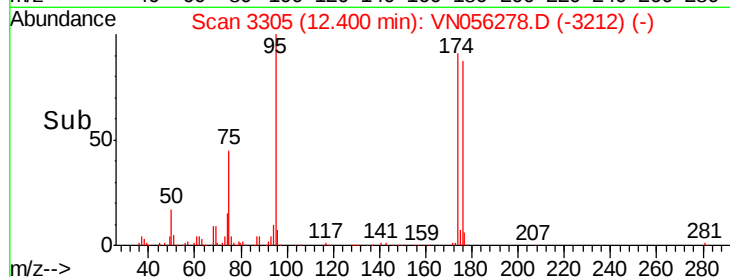
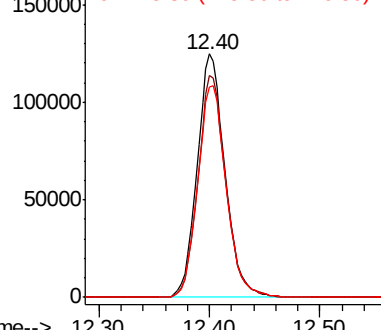
176 89.2 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN055978.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055978.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055978.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056278.D

Acq: 13 Jun 2019 13:56

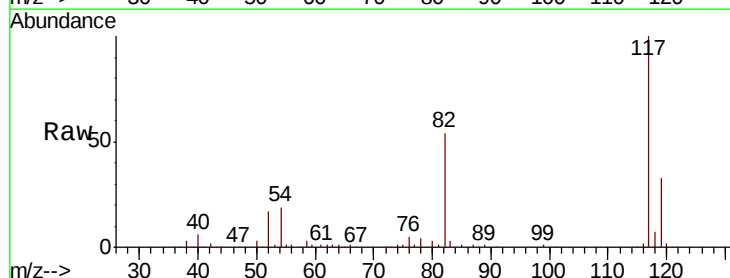
Tgt Ion: 117 Resp: 539398

Ion Ratio Lower Upper

117 100

82 53.9 41.8 62.8

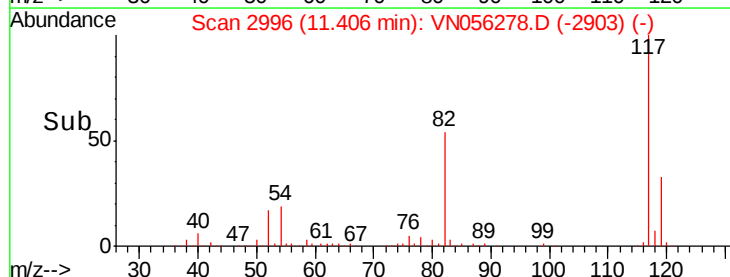
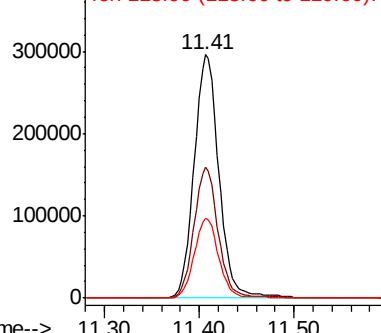
119 32.6 25.4 38.0

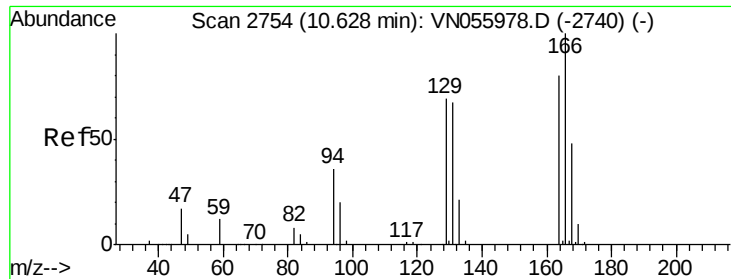


Abundance Ion 116.90 (116.60 to 117.60): VN055978.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055978.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055978.D (-2981) (-)





#64

Tetrachloroethene

Concen: 1.676 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN056278.D

Acq: 13 Jun 2019 13:56

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:164 Resp: 7827

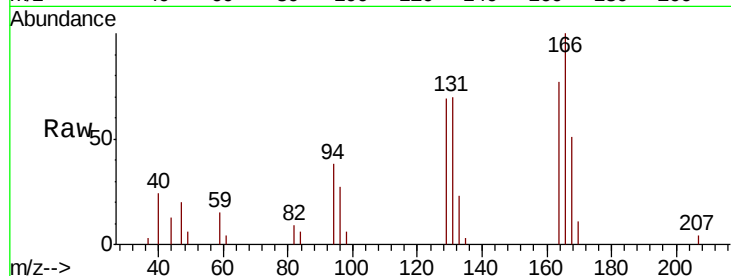
Ion Ratio Lower Upper

164 100

166 129.2 103.0 154.6

129 89.3 70.6 105.8

131 91.0 68.6 102.8

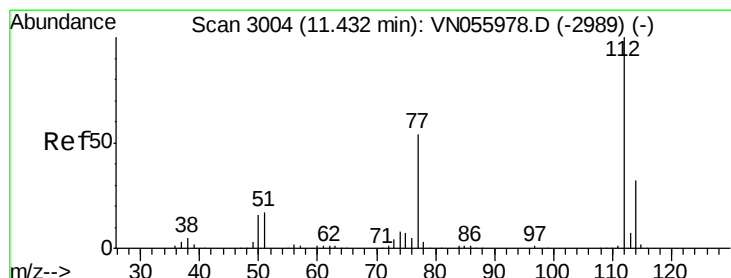
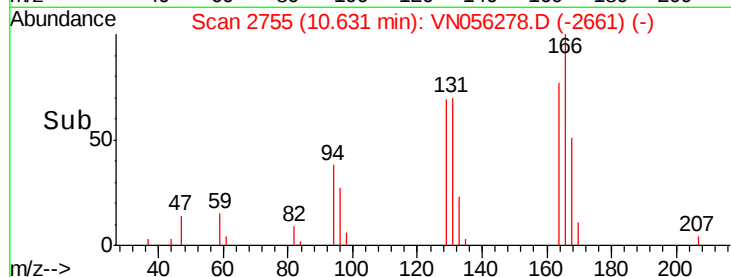
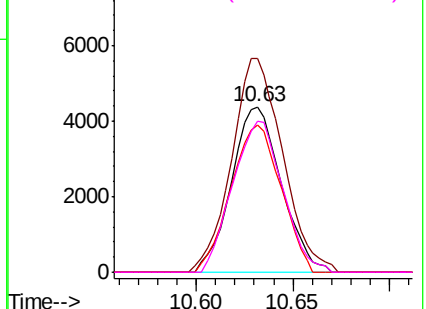


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 0.305 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN056278.D

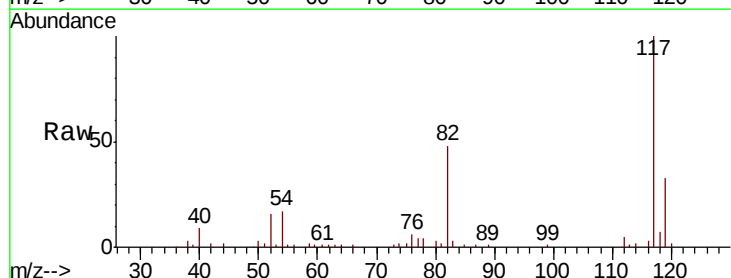
Acq: 13 Jun 2019 13:56

Tgt Ion:112 Resp: 3276

Ion Ratio Lower Upper

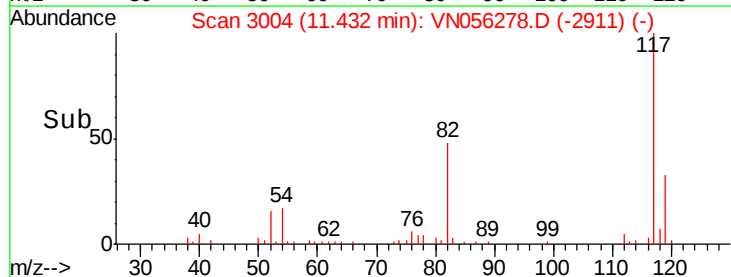
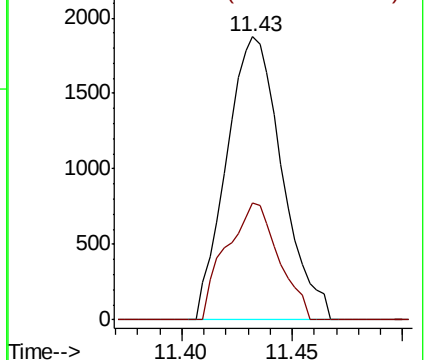
112 100

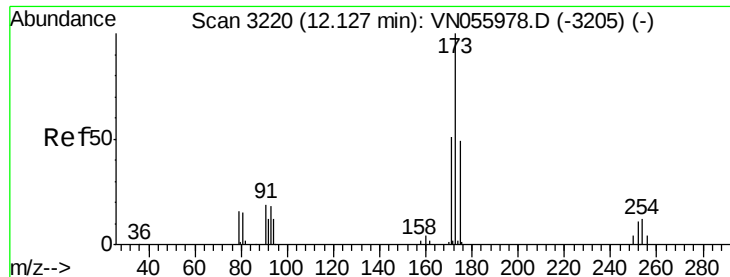
114 41.3 26.2 39.4#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#71

Bromoform

Concen: 3.184 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN056278.D

Acq: 13 Jun 2019 13:56

Instrument :

MSVOA_N

ClientSampled :

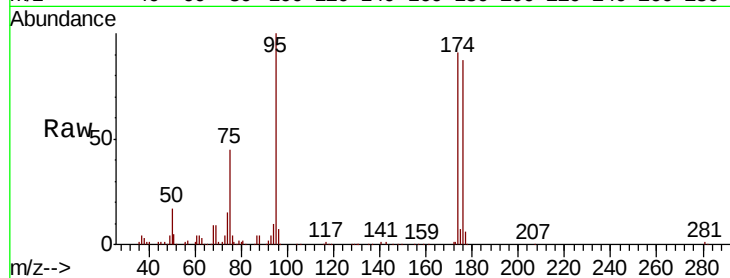
Tot Ion:173 Resp: 1454

Ion Ratio Lower Upper

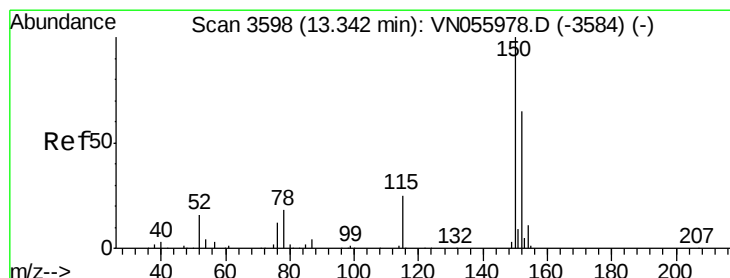
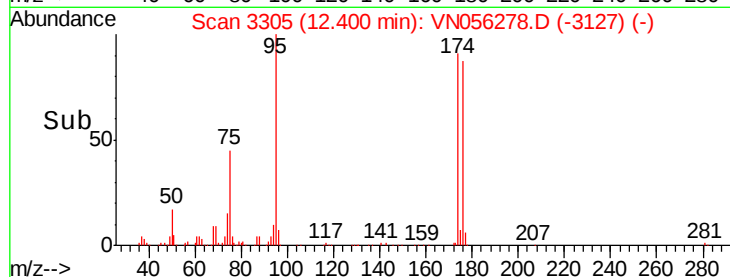
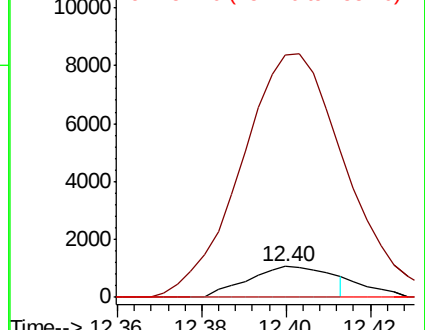
173 100

175 852.2 24.3 72.8#

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056278.D

Acq: 13 Jun 2019 13:56

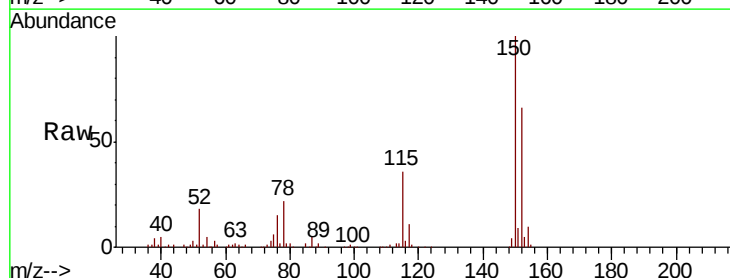
Tgt Ion:152 Resp: 159672

Ion Ratio Lower Upper

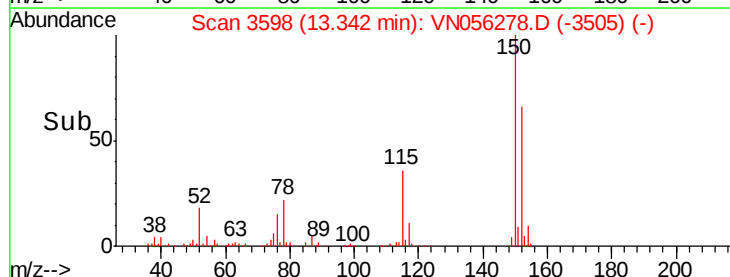
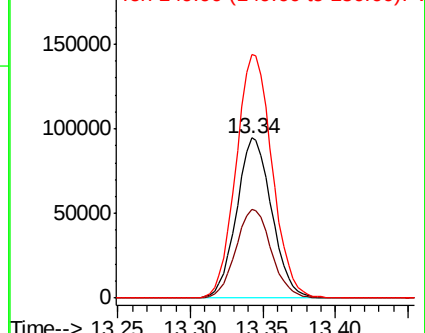
152 100

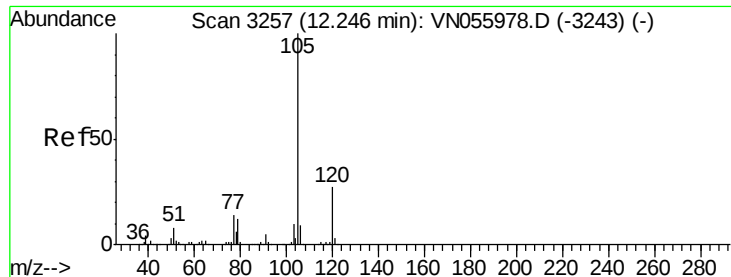
115 55.8 27.0 81.0

150 156.4 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.40 min Scan# 3306

Delta R.T. 0.16 min

Lab File: VN056278.D

Acq: 13 Jun 2019 13:56

Instrument :

MSVOA_N

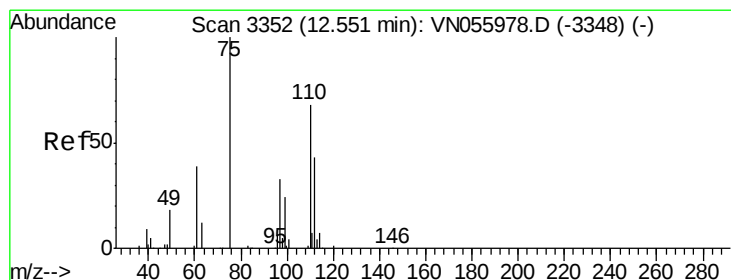
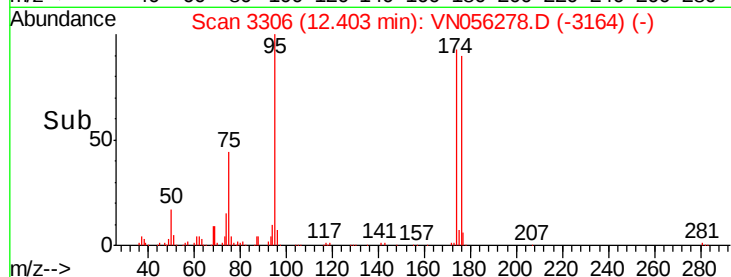
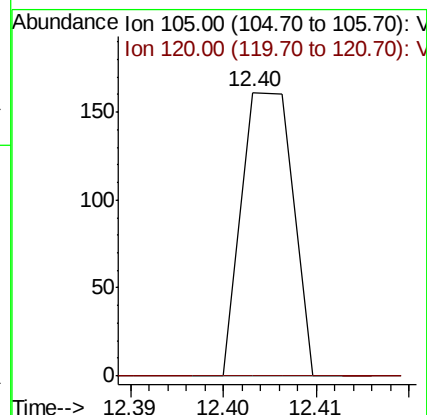
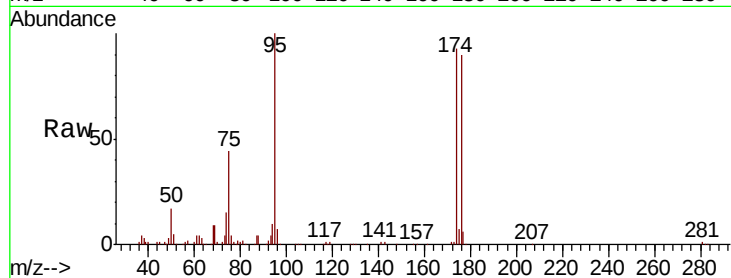
ClientSampleId :

Tot Ion: 105 Resp: 62

Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.7#



#76

1,2,3-Trichloropropane

Concen: 33.669 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056278.D

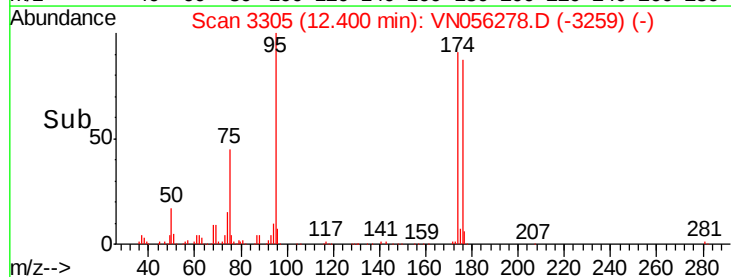
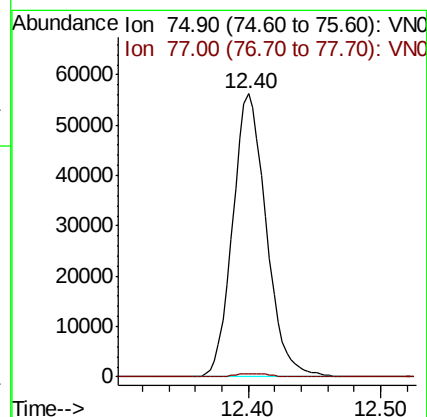
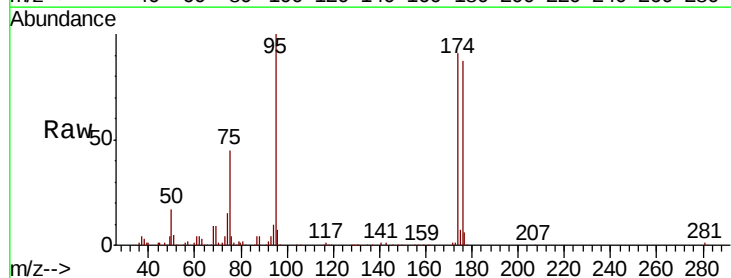
Acq: 13 Jun 2019 13:56

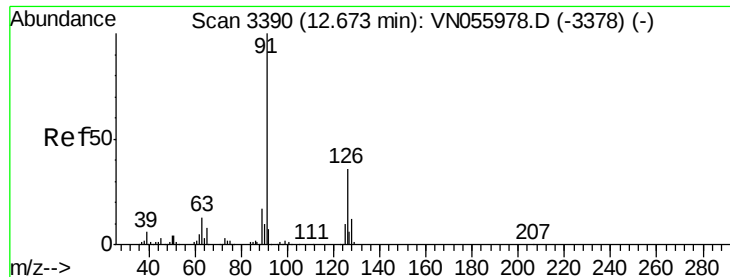
Tgt Ion: 75 Resp: 98920

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.40 min Scan# 3305

Delta R.T. -0.27 min

Lab File: VN056278.D

Acq: 13 Jun 2019 13:56

Instrument :

MSVOA_N

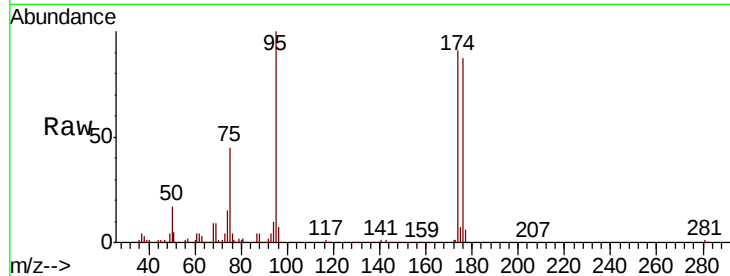
ClientSampled :

Tot Ion: 91 Resp: 623

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.4#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

12.40

500

400

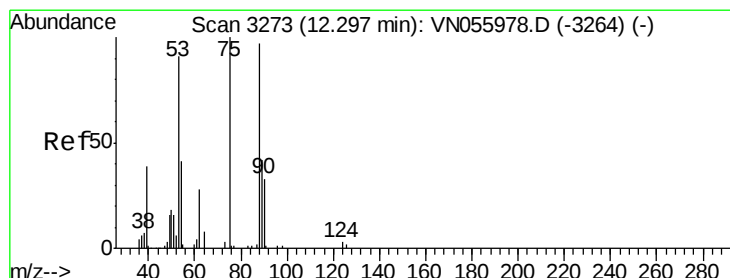
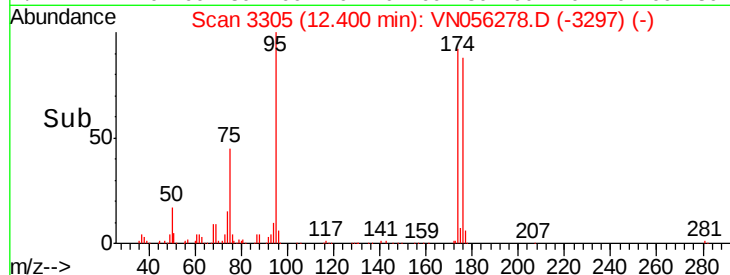
300

200

100

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 112.123 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056278.D

Acq: 13 Jun 2019 13:56

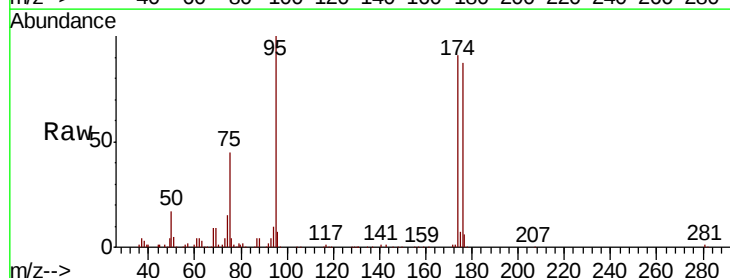
Tgt Ion: 75 Resp: 98920

Ion Ratio Lower Upper

75 100

53 0.0 68.1 102.1#

89 0.0 36.9 55.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

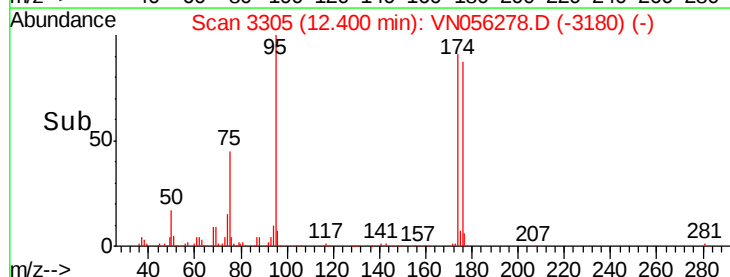
60000

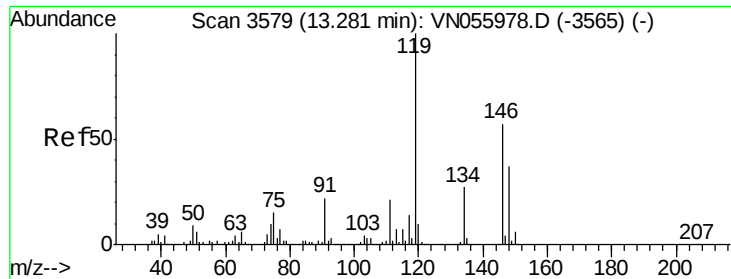
40000

20000

0

Time-->

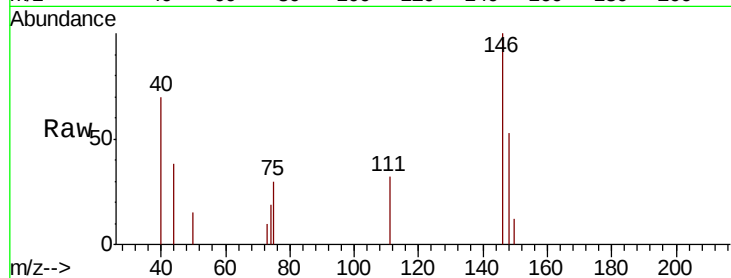




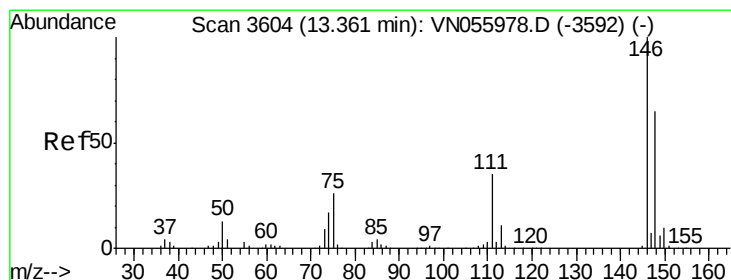
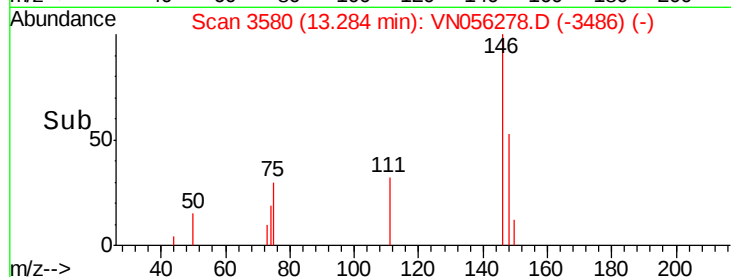
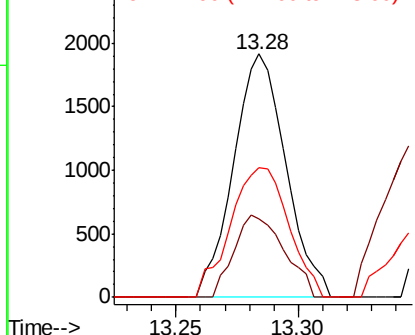
#87
 1,3-Dichlorobenzene
 Concen: 0.538 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN056278.D
 Acq: 13 Jun 2019 13:56

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:146 Resp: 2849
 Ion Ratio Lower Upper
 146 100
 111 32.4 18.5 55.5
 148 59.2 32.0 96.2

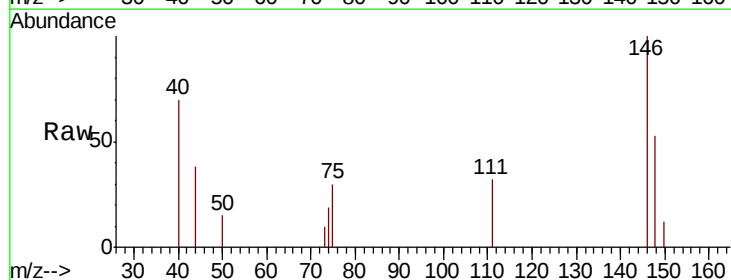


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

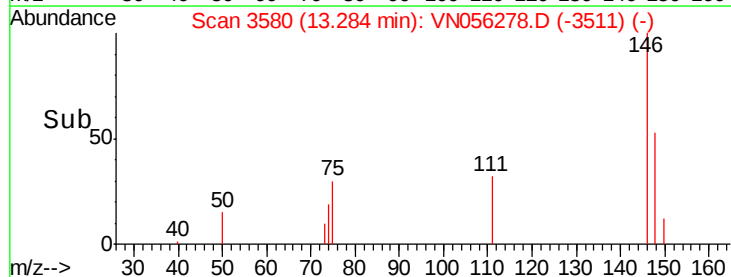
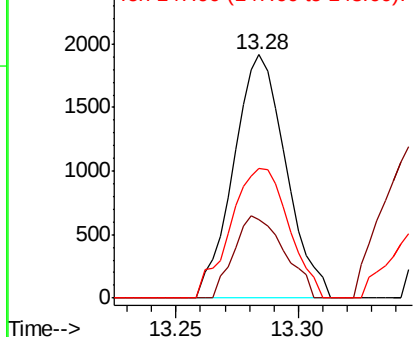


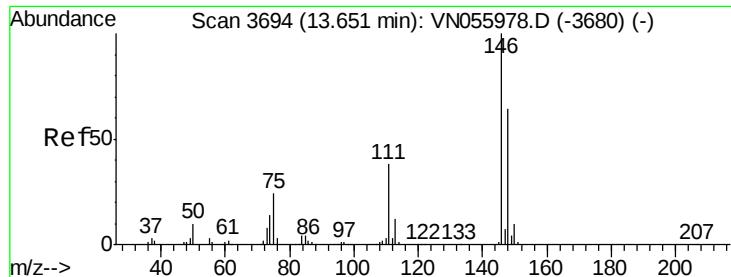
#88
 1,4-Dichlorobenzene
 Concen: 0.560 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.08 min
 Lab File: VN056278.D
 Acq: 13 Jun 2019 13:56

Tgt Ion:146 Resp: 2849
 Ion Ratio Lower Upper
 146 100
 111 32.4 18.1 54.4
 148 59.2 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#91

1,2-Dichlorobenzene

Concen: 1.869 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN056278.D

Acq: 13 Jun 2019 13:56

Instrument :

MSVOA_N

ClientSampleId :

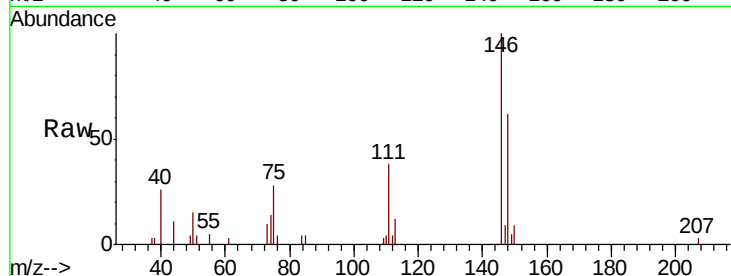
Tot Ion:146 Resp: 9984

Ion Ratio Lower Upper

146 100

111 37.6 19.1 57.5

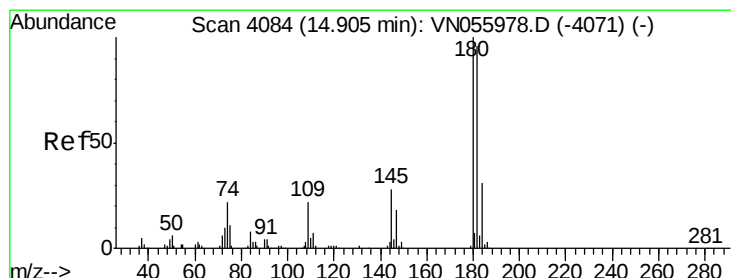
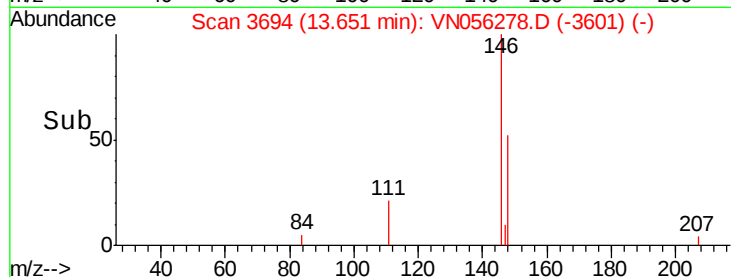
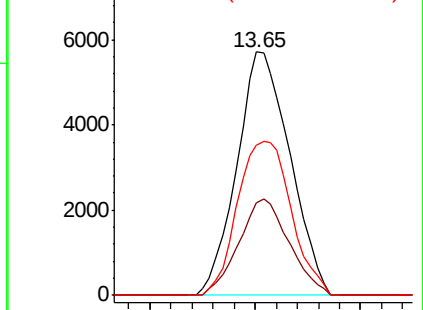
148 64.1 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#93

1,2,4-Trichlorobenzene

Concen: 4.290 ug/l

RT: 14.92 min Scan# 4088

Delta R.T. 0.01 min

Lab File: VN056278.D

Acq: 13 Jun 2019 13:56

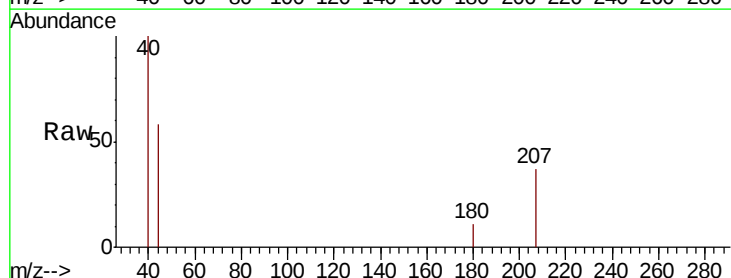
Tgt Ion:180 Resp: 65

Ion Ratio Lower Upper

180 100

182 0.0 48.3 144.9#

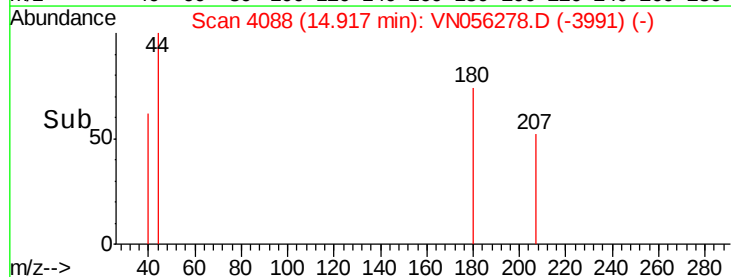
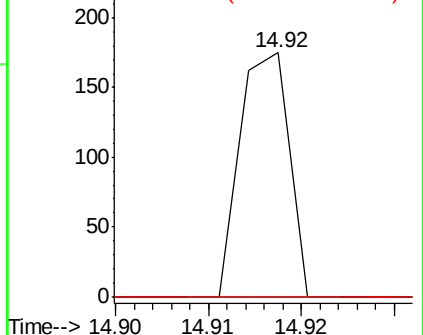
145 0.0 14.0 41.9#

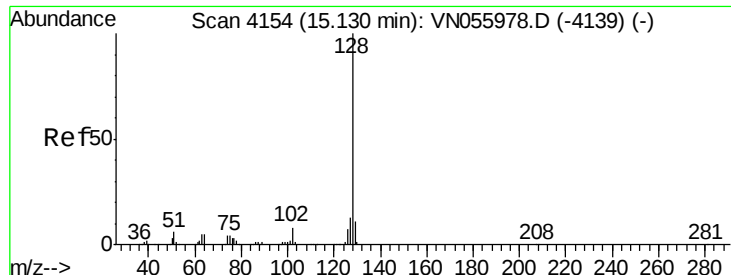


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95
Naphthalene
Concen: 3.886 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.01 min
Lab File: VN056278.D
Acq: 13 Jun 2019 13:56

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.7	13.1#

