

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102919\
 Data File : VN059001.D
 Acq On : 29 Oct 2019 11:43
 Operator : JC/SP
 Sample : K5587-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 30 03:54:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	424837	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	661547	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	591088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	209928	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	283759	45.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.08%	
35) Dibromofluoromethane	7.57	113	210786	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
50) Toluene-d8	10.08	98	832151	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
62) 4-Bromofluorobenzene	12.40	95	261285	42.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.28%	

Target Compounds

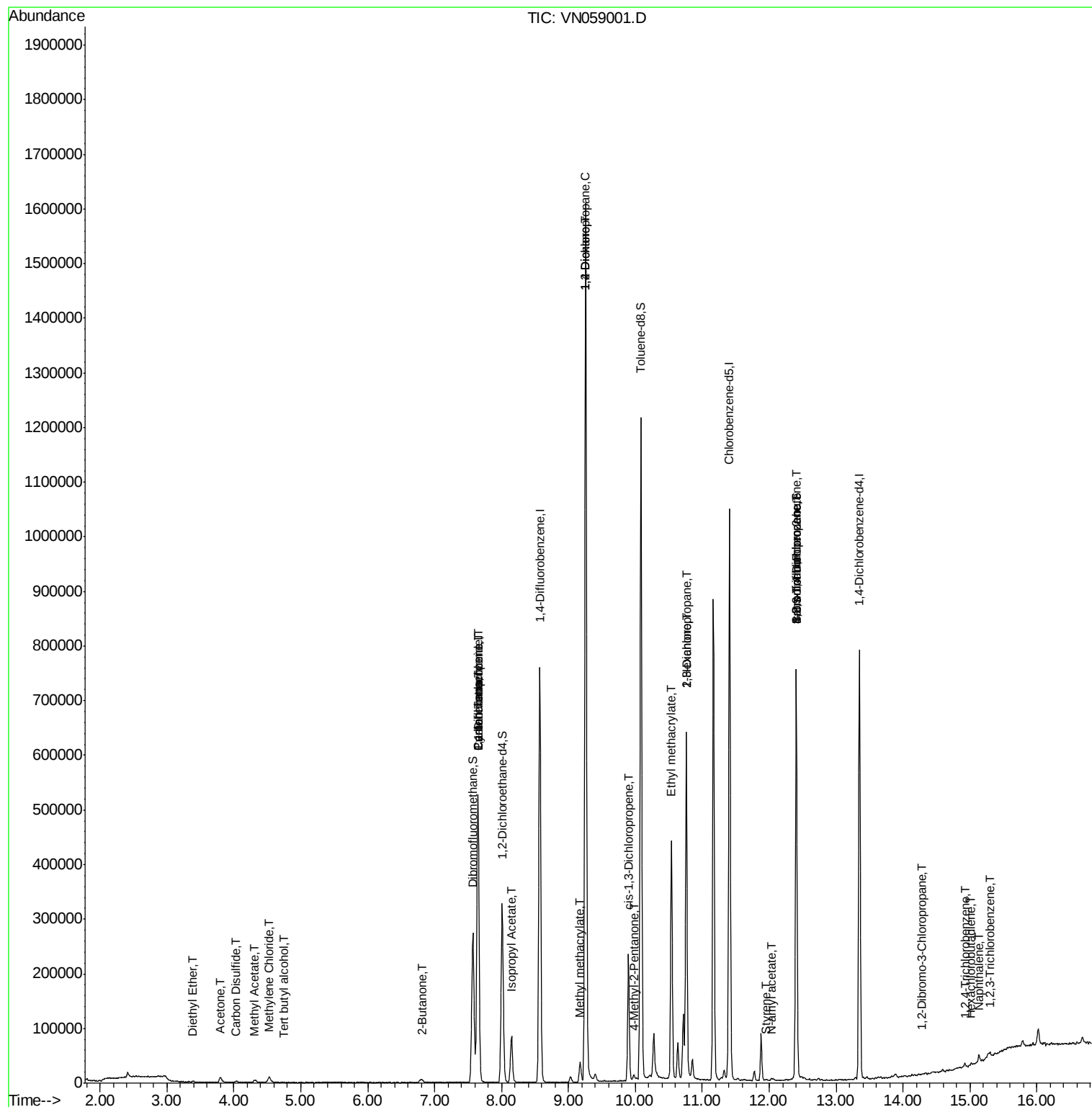
						Qvalue
8) Diethyl Ether	3.39	74	721	0.259	ug/l	79
11) Tert butyl alcohol	4.75	59	338	0.327	ug/l #	72
16) Acetone	3.80	43	15353	4.986	ug/l	98
17) Carbon Disulfide	4.03	76	2754	0.204	ug/l #	86
18) Methyl Acetate	4.31	43	6751	0.964	ug/l #	86
20) Methylene Chloride	4.53	84	7712	1.467	ug/l	89
25) 2-Butanone	6.82	43	2450	0.613	ug/l	99
31) Cyclohexane	7.65	56	9029	1.008	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	34713	5.125	ug/l #	50
38) Carbon Tetrachloride	7.65	117	41315	5.921	ug/l #	16
43) Isopropyl Acetate	8.15	43	99171	8.379	ug/l #	92
45) 1,2-Dichloropropane	9.26	63	1908	0.350	ug/l #	44
48) Methyl methacrylate	9.17	41	5621	1.047	ug/l #	14
49) 1,4-Dioxane	9.26	88	92	1.044	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	6176	0.893	ug/l	93
54) cis-1,3-Dichloropropene	9.90	75	39058	4.647	ug/l #	64
56) Ethyl methacrylate	10.54	69	1905	2.321	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	6463	0.758	ug/l #	43
59) 2-Hexanone	10.76	43	96898	18.139	ug/l #	54
70) Styrene	11.96	104	842	1.773	ug/l #	84
71) Bromoform	12.41	173	1181	0.335	ug/l #	1
74) N-amyl acetate	12.03	43	2857	0.411	ug/l #	48
76) 1,2,3-Trichloropropane	12.40	75	133131	27.363	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	133131	71.284	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	14.28	75	281	0.230	ug/l #	7
93) 1,2,4-Trichlorobenzene	14.92	180	2274	3.037	ug/l	94
94) Hexachlorobutadiene	15.02	225	669	0.311	ug/l	77
95) Naphthalene	15.14	128	9300	2.964	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	2871	3.066	ug/l	95

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059001.D

Acq: 29 Oct 2019 11:43

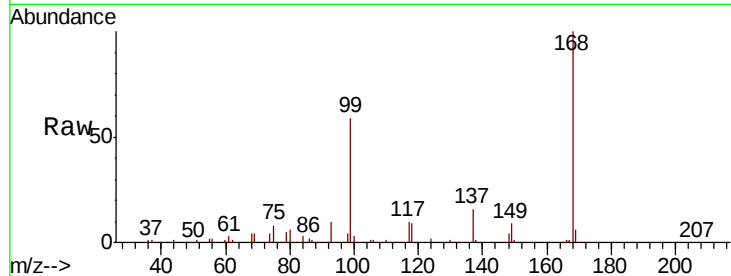
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 424837

Ion Ratio Lower Upper

168 100

99 58.7 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

200000

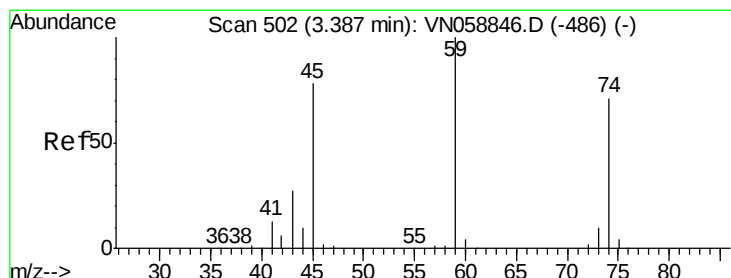
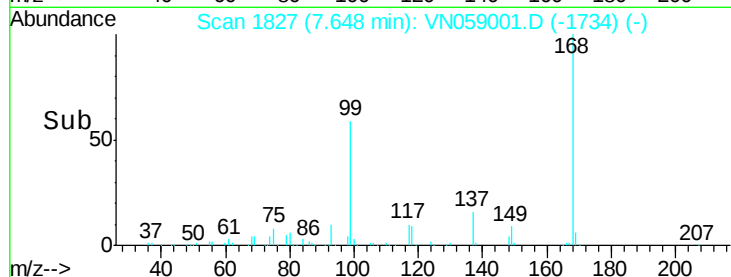
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#8

Diethyl Ether

Concen: 0.259 ug/l

RT: 3.39 min Scan# 502

Delta R.T. 0.00 min

Lab File: VN059001.D

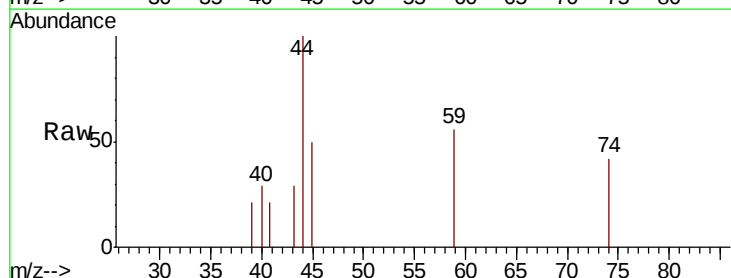
Acq: 29 Oct 2019 11:43

Tgt Ion: 74 Resp: 721

Ion Ratio Lower Upper

74 100

45 132.0 54.9 164.5



Abundance Ion 74.00 (73.70 to 74.70): VN

Ion 45.00 (44.70 to 45.70): VN

3.39

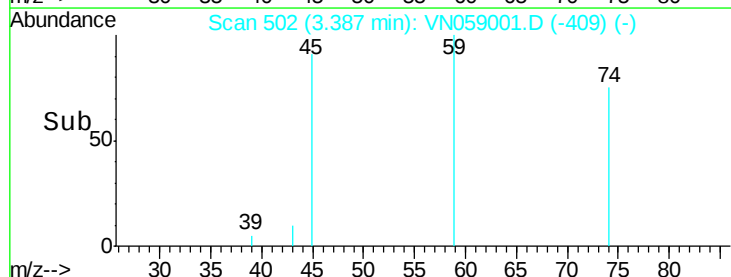
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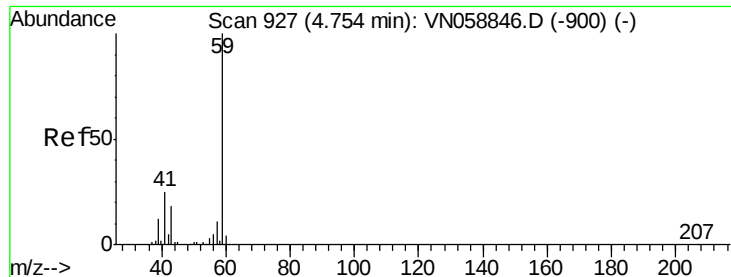
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200

0

Time--> 3.36 3.38 3.40 3.42



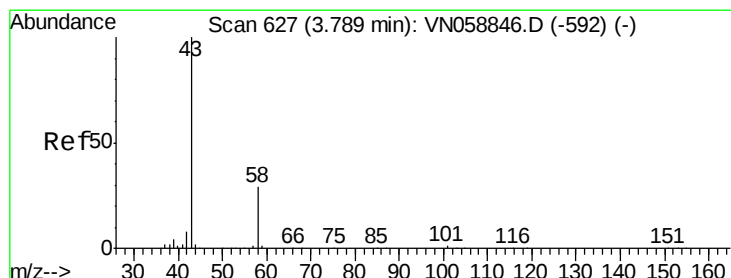
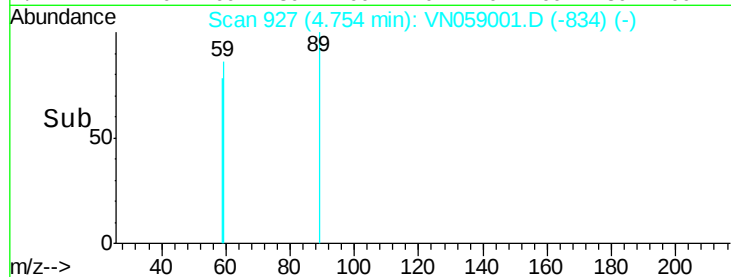
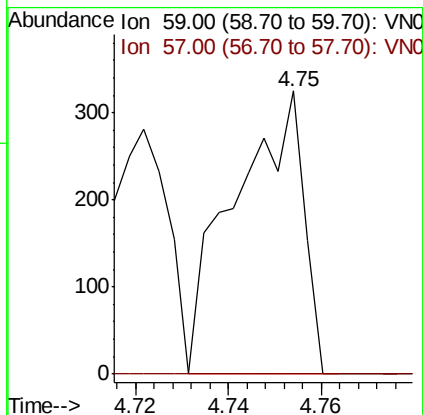
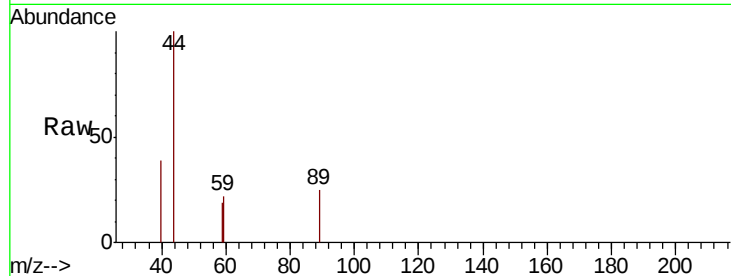


#11

Tert butyl alcohol
Concen: 0.327 ug/l
RT: 4.75 min Scan# 927
Delta R.T. 0.00 min
Lab File: VN059001.D
Acq: 29 Oct 2019 11:43

Instrument :
MSVOA_N
ClientSampled :

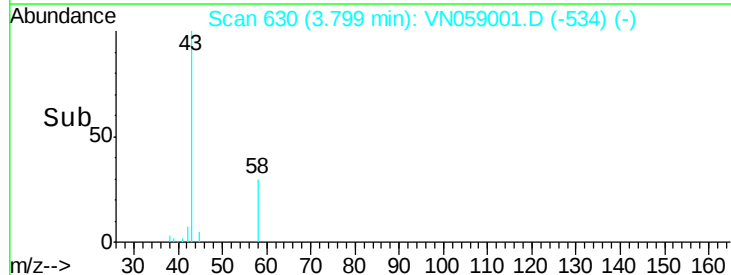
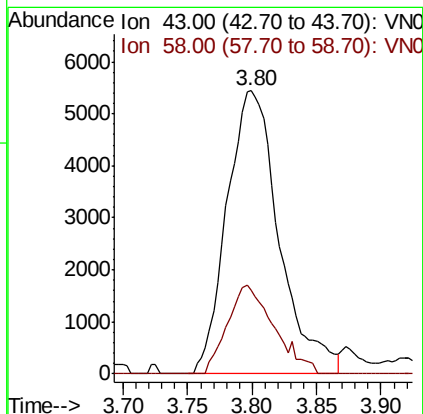
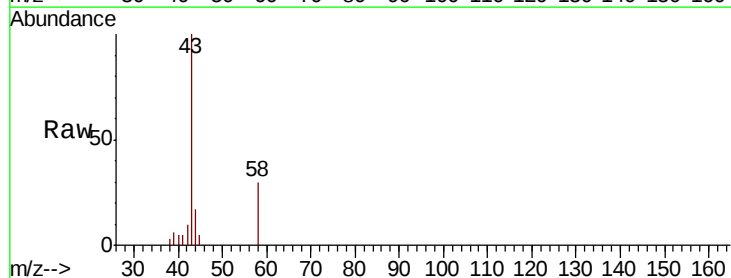
Tot Ion: 59 Resp: 338
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

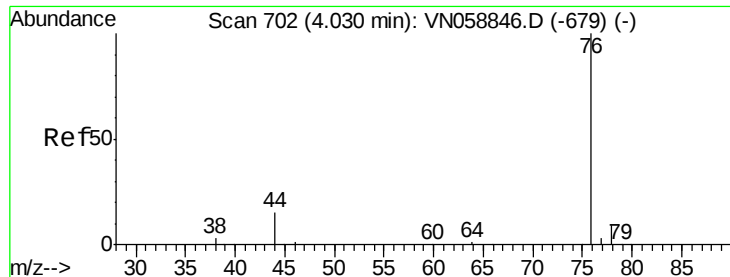


#16

Acetone
Concen: 4.986 ug/l
RT: 3.80 min Scan# 630
Delta R.T. 0.01 min
Lab File: VN059001.D
Acq: 29 Oct 2019 11:43

Tgt Ion: 43 Resp: 15353
Ion Ratio Lower Upper
43 100
58 29.7 23.1 34.7

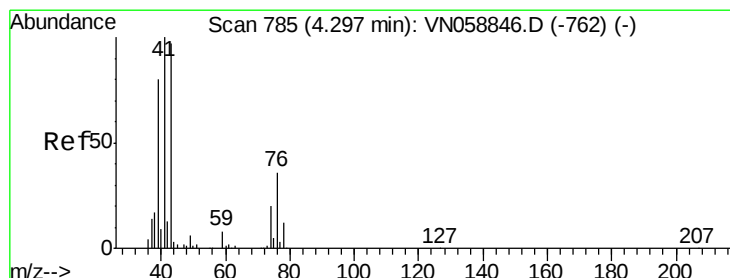
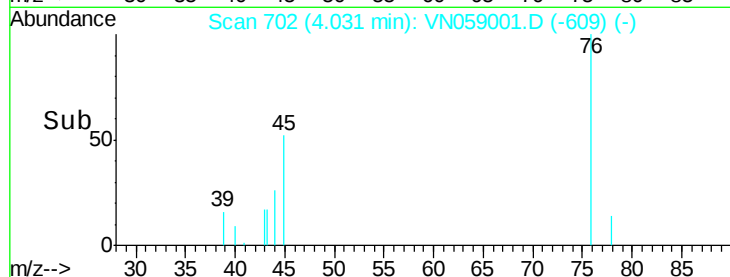
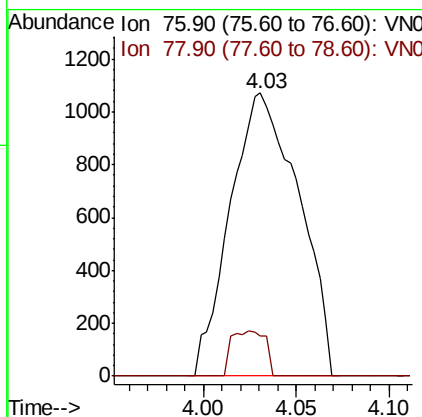
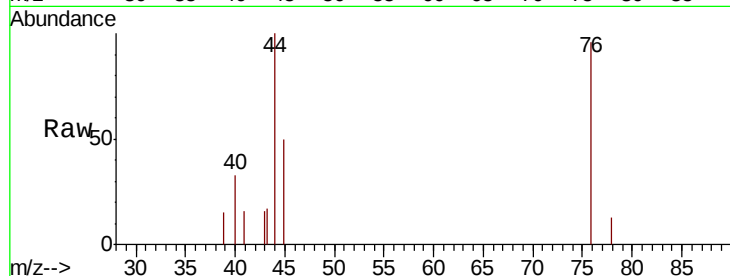




#17
Carbon Disulfide
Concen: 0.204 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059001.D
Acq: 29 Oct 2019 11:43

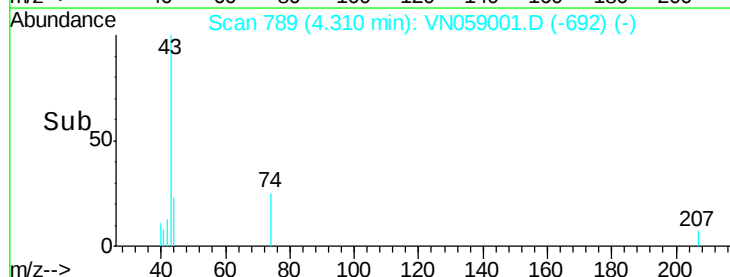
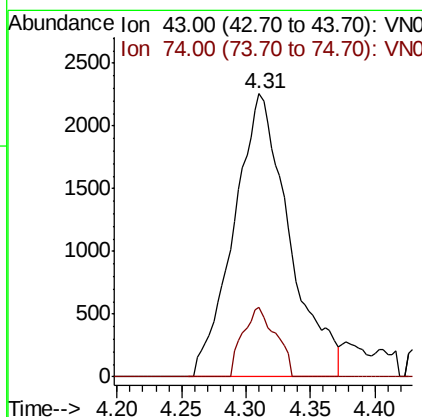
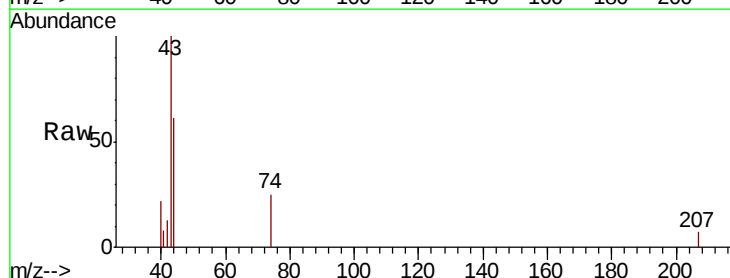
Instrument :
MSVOA_N
ClientSampled :

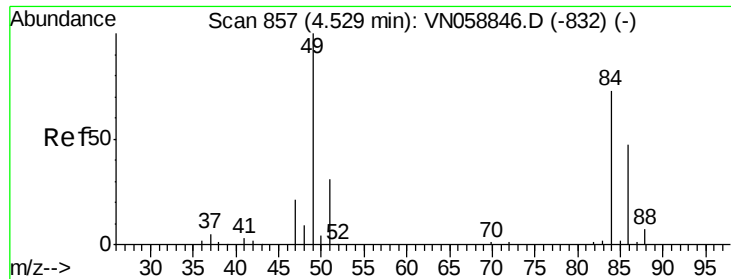
Tot Ion: 76 Resp: 2754
Ion Ratio Lower Upper
76 100
78 14.0 7.1 10.7#



#18
Methyl Acetate
Concen: 0.964 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VN059001.D
Acq: 29 Oct 2019 11:43

Tgt Ion: 43 Resp: 6751
Ion Ratio Lower Upper
43 100
74 14.6 17.1 25.7#

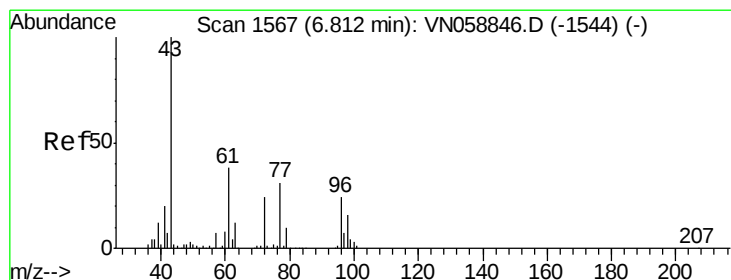
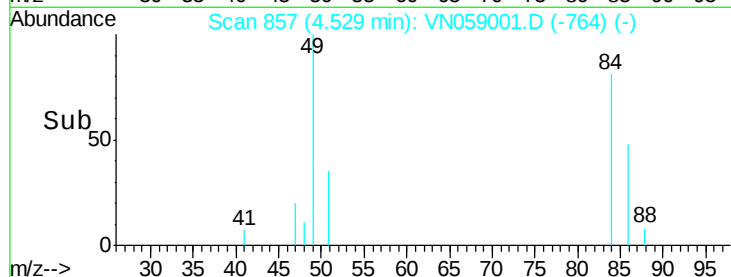
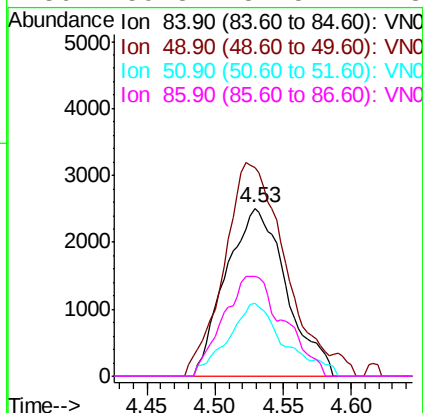
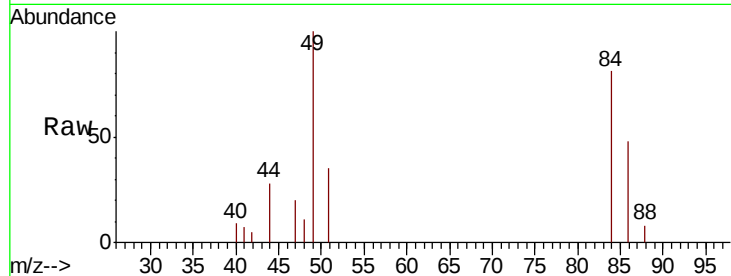




#20
Methvlene Chloride
Concen: 1.467 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN059001.D
Acq: 29 Oct 2019 11:43

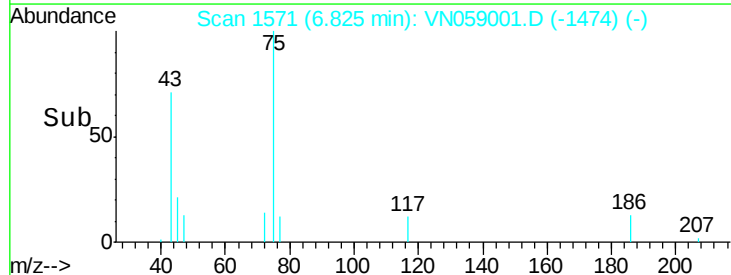
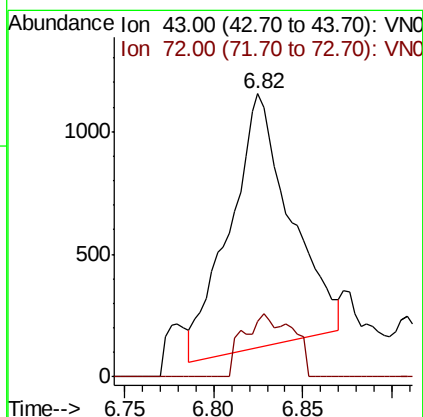
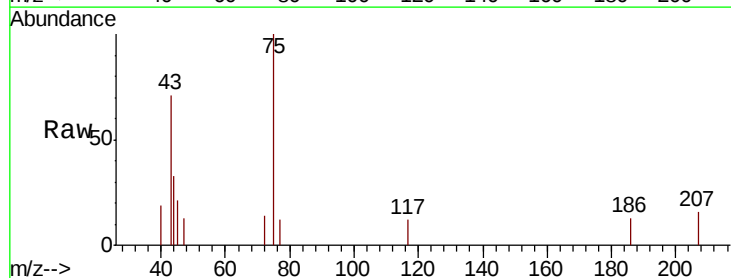
Instrument :
MSVOA_N
ClientSampleId :

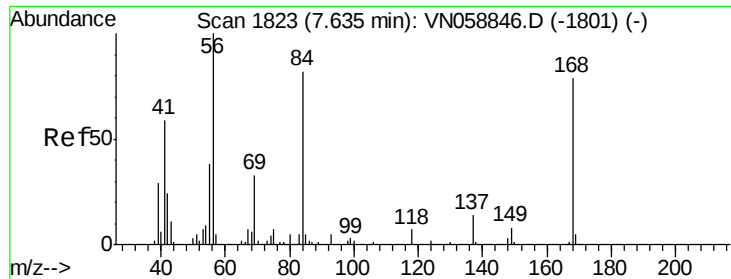
Tot Ion: 84 Resp: 7712
Ion Ratio Lower Upper
84 100
49 116.9 109.6 164.4
51 43.2 33.8 50.6
86 59.3 51.5 77.3



#25
2-Butanone
Concen: 0.613 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.01 min
Lab File: VN059001.D
Acq: 29 Oct 2019 11:43

Tgt Ion: 43 Resp: 2450
Ion Ratio Lower Upper
43 100
72 23.2 19.1 28.7

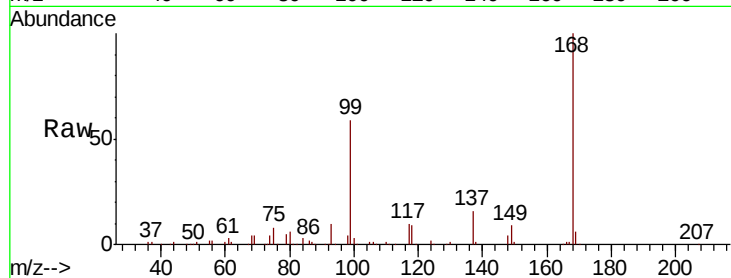




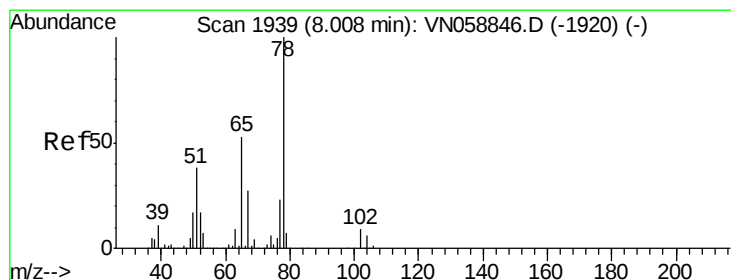
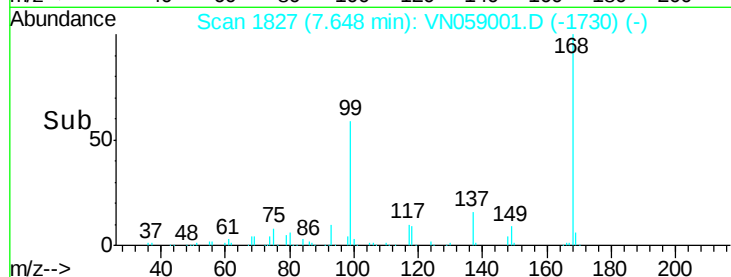
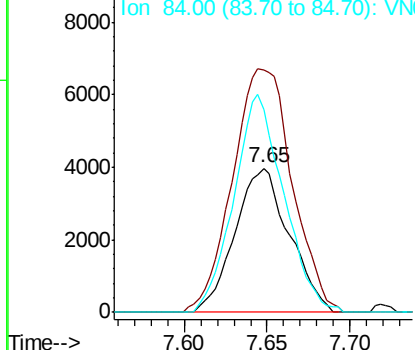
#31
Cyclohexane
Concen: 1.008 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN059001.D
Acq: 29 Oct 2019 11:43

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 9029
Ion Ratio Lower Upper
56 100
69 164.8 26.2 39.4#
84 140.8 65.6 98.4#

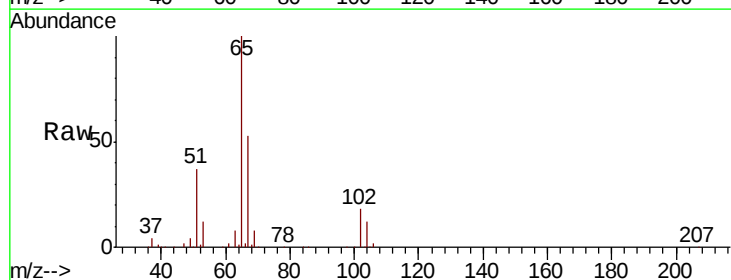


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

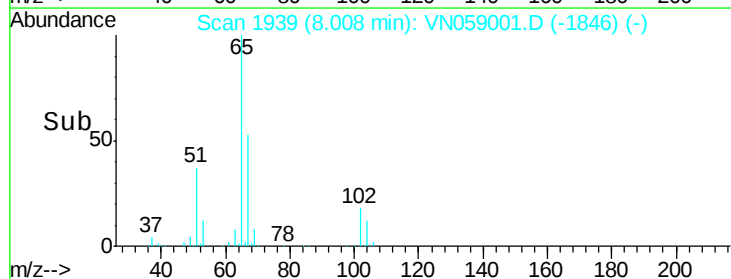
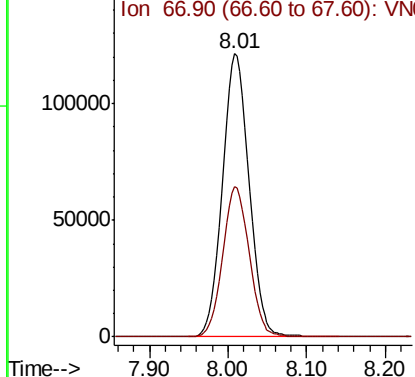


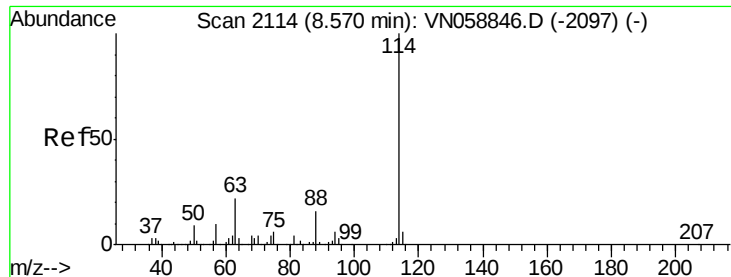
#33
1,2-Dichloroethane-d4
Concen: 45.541 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.00 min
Lab File: VN059001.D
Acq: 29 Oct 2019 11:43

Tgt Ion: 65 Resp: 283759
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.2



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

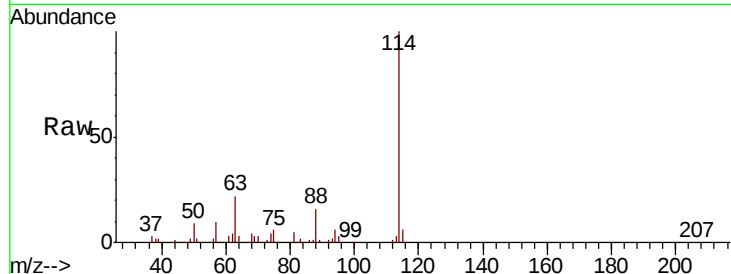




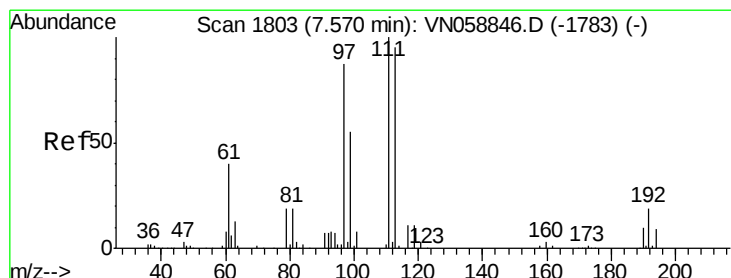
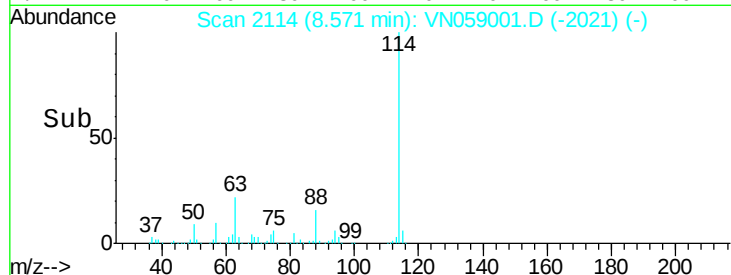
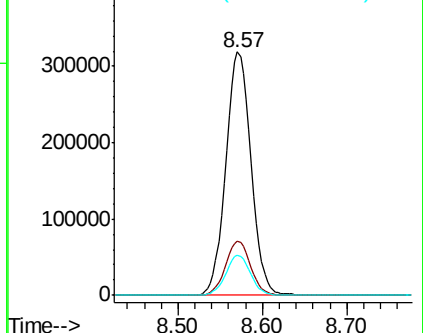
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VN059001.D
Acq: 29 Oct 2019 11:43

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	44.4
88	16.5	0.0	31.4

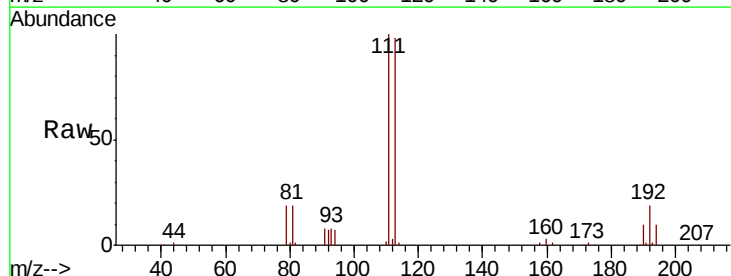


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

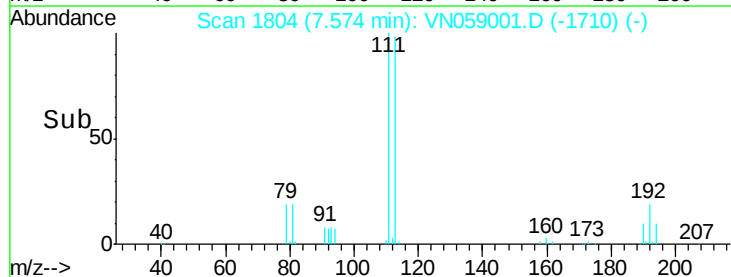
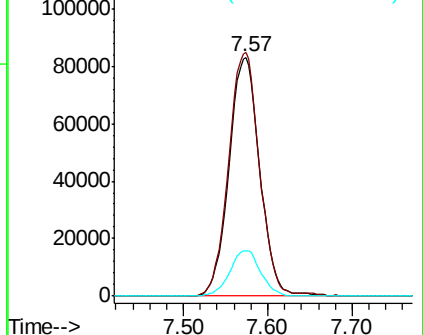


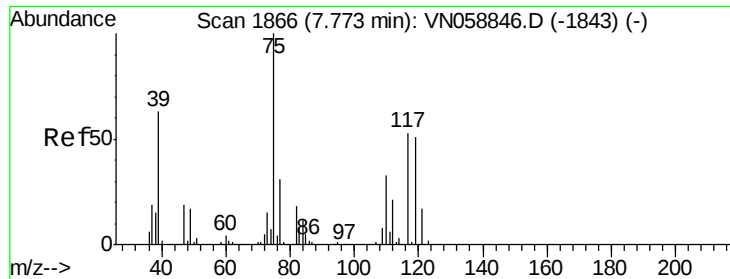
#35
Dibromofluoromethane
Concen: 48.462 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN059001.D
Acq: 29 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.0	123.0
192	19.2	15.0	22.6



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

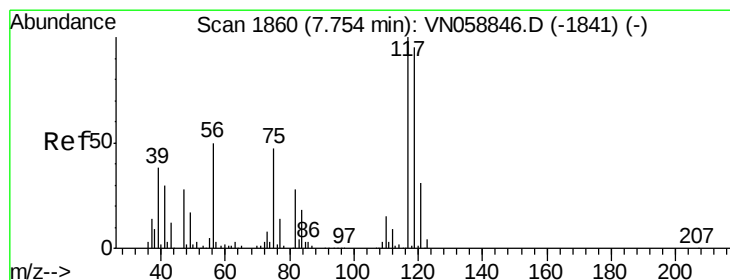
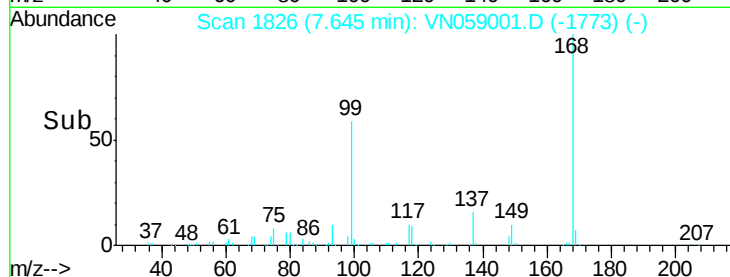
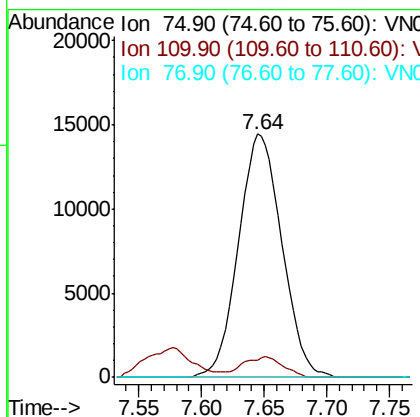
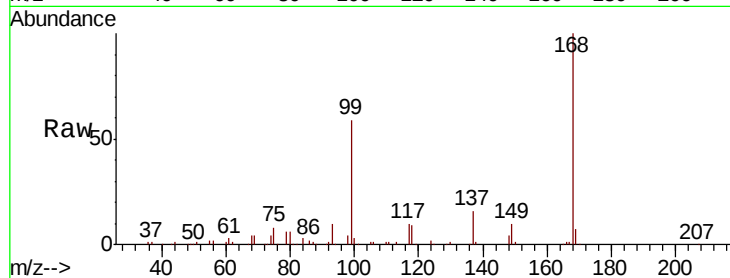




#36
 1,1-Dichloropropene
 Concen: 5.125 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN059001.D
 Acq: 29 Oct 2019 11:43

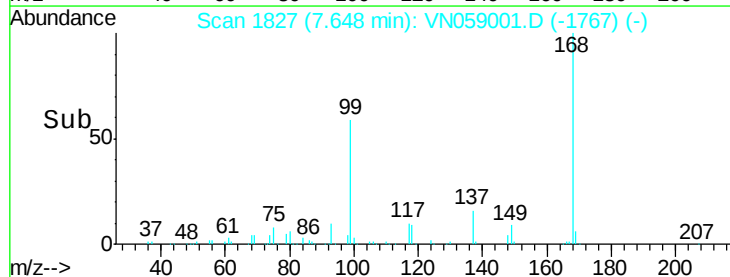
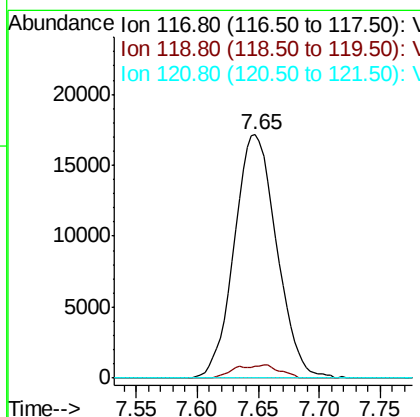
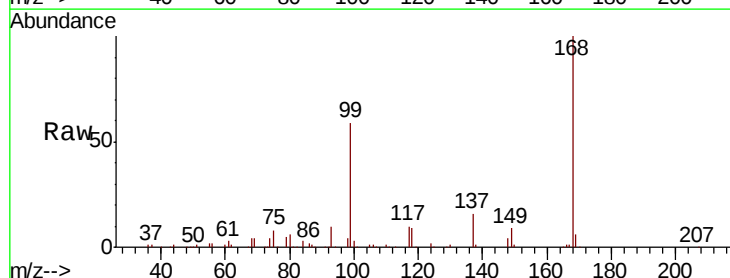
Instrument :
 MSVOA_N
 ClientSampled :

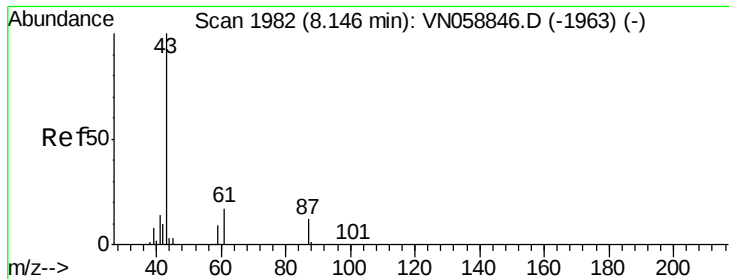
Tot Ion	75	Resp	34713
Ion Ratio	100	Lower	Upper
75	100		
110	7.8	16.3	48.9#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 5.921 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.11 min
 Lab File: VN059001.D
 Acq: 29 Oct 2019 11:43

Tgt Ion	117	Resp	41315
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	4.8	75.7	113.5#
121	0.0	25.0	37.6#





#43

Isopropyl Acetate

Concen: 8.379 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059001.D

Acq: 29 Oct 2019 11:43

Instrument :

MSVOA_N

ClientSampled :

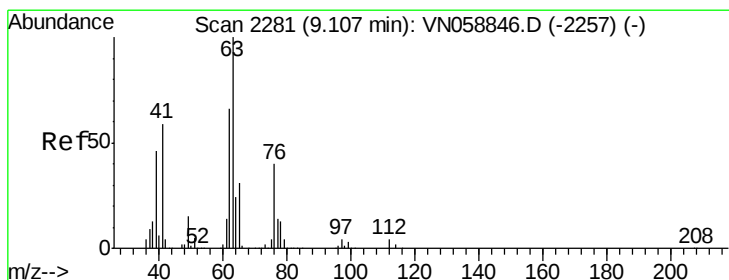
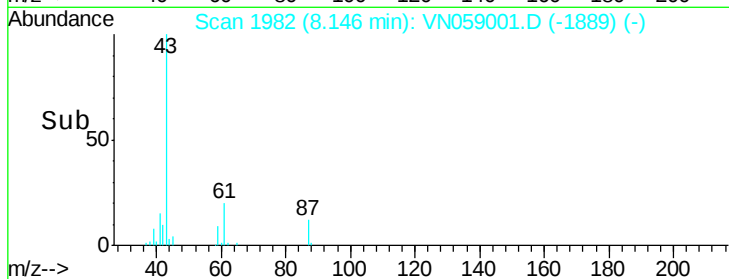
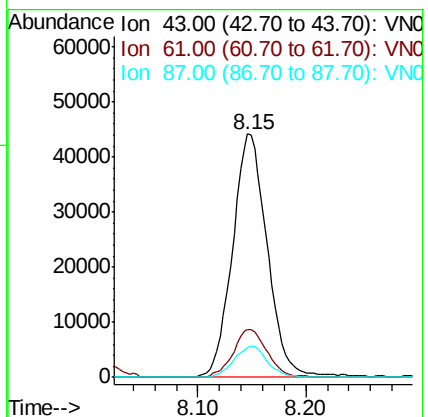
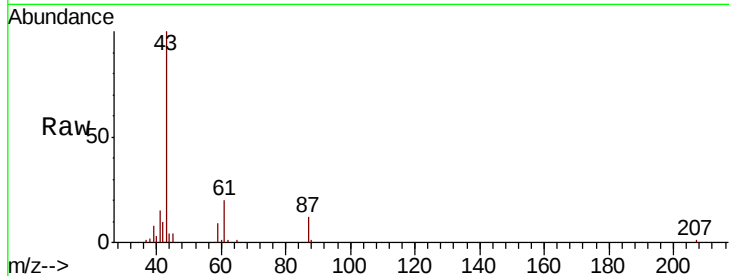
Tot Ion: 43 Resp: 99171

Ion Ratio Lower Upper

43 100

61 19.3 20.2 30.2#

87 12.2 9.5 14.3



#45

1,2-Dichloropropane

Concen: 0.350 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.15 min

Lab File: VN059001.D

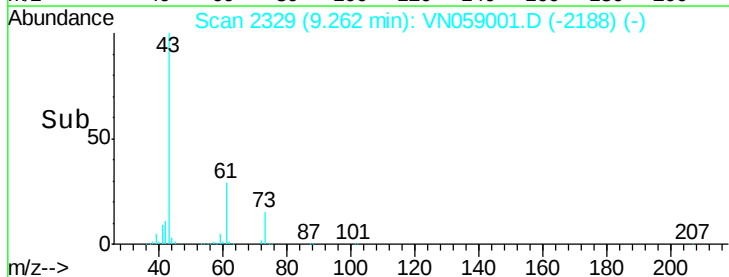
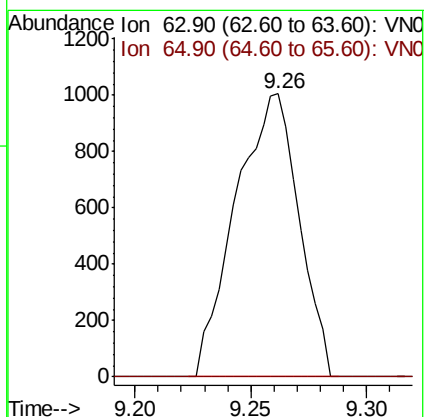
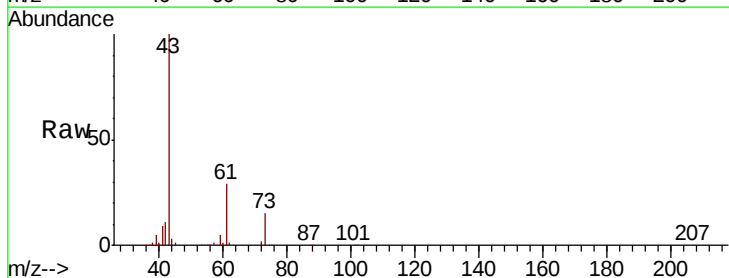
Acq: 29 Oct 2019 11:43

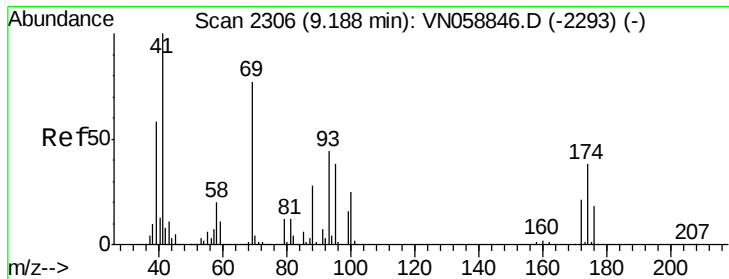
Tgt Ion: 63 Resp: 1908

Ion Ratio Lower Upper

63 100

65 0.0 24.5 36.7#

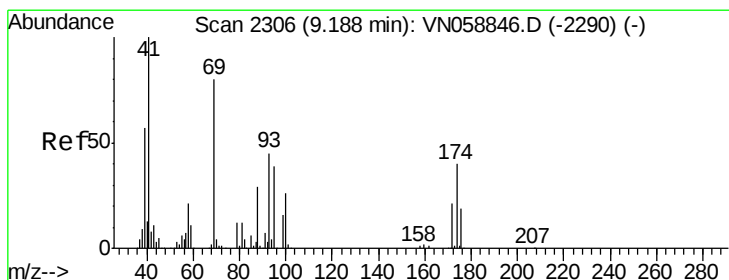
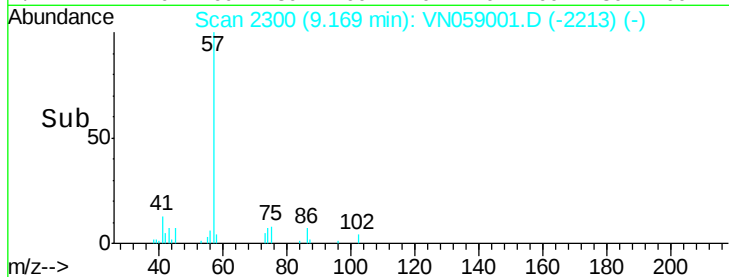
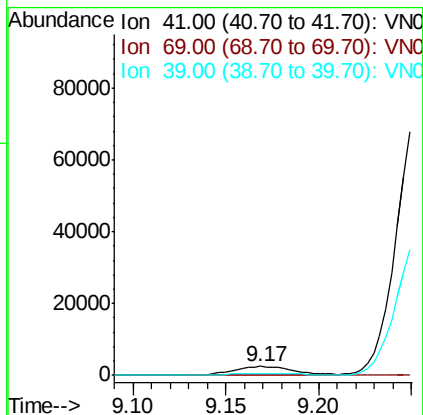
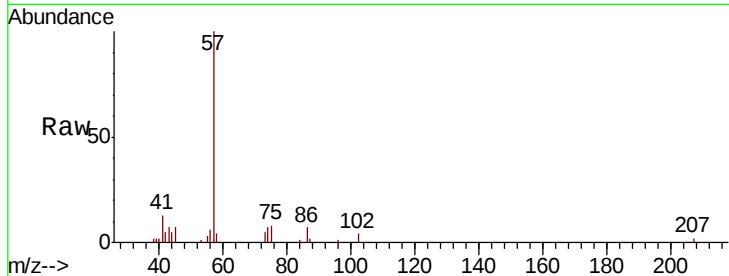




#48
Methyl methacrylate
Concen: 1.047 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.02 min
Lab File: VN059001.D
Acq: 29 Oct 2019 11:43

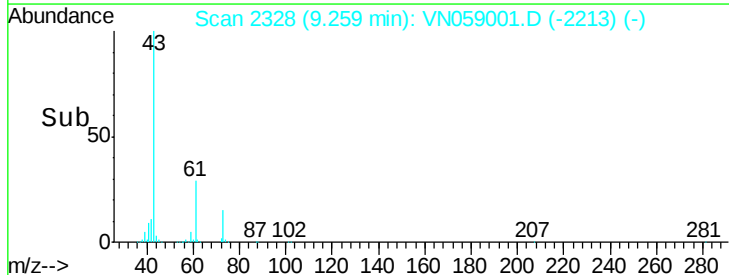
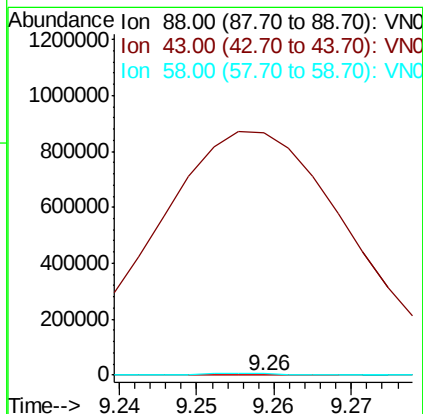
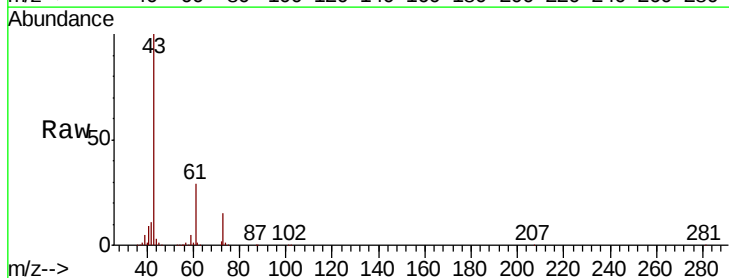
Instrument :
MSVOA_N
ClientSampled :

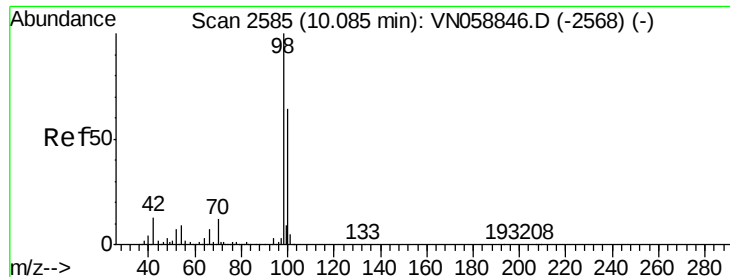
Tot Ion: 41 Resp: 5621
Ion Ratio Lower Upper
41 100
69 0.0 63.8 95.6#
39 0.0 47.8 71.8#



#49
1,4-Dioxane
Concen: 1.044 ug/l
RT: 9.26 min Scan# 2328
Delta R.T. 0.07 min
Lab File: VN059001.D
Acq: 29 Oct 2019 11:43

Tgt Ion: 88 Resp: 92
Ion Ratio Lower Upper
88 100
43 1778867.4 29.1 43.7#
58 8713.0 59.4 89.0#





#50

Toluene-d8

Concen: 49.286 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. -0.00 min

Lab File: VN059001.D

Acq: 29 Oct 2019 11:43

Instrument :

MSVOA_N

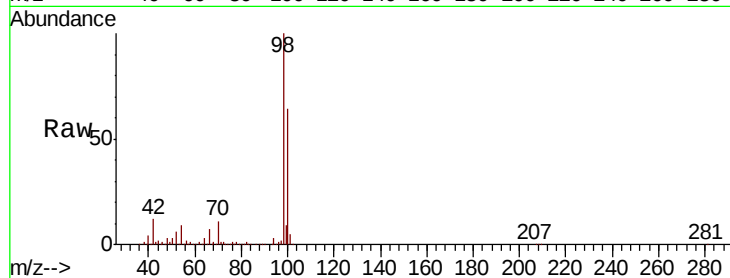
ClientSampled :

Tot Ion: 98 Resp: 832151

Ion Ratio Lower Upper

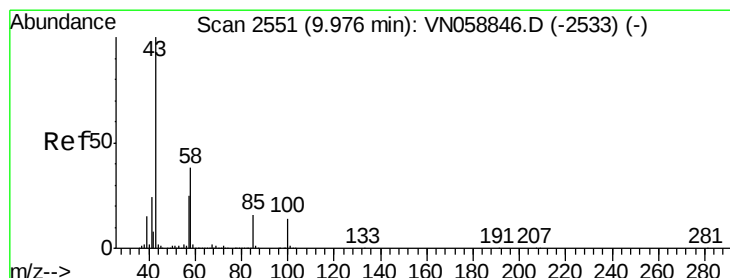
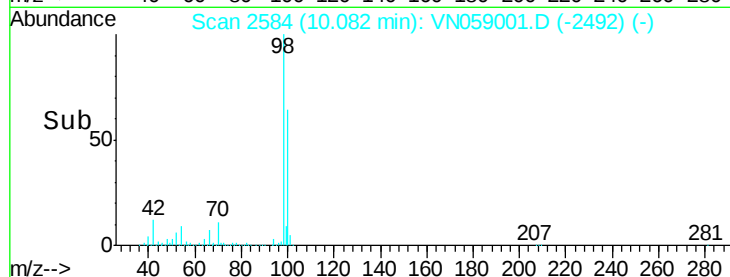
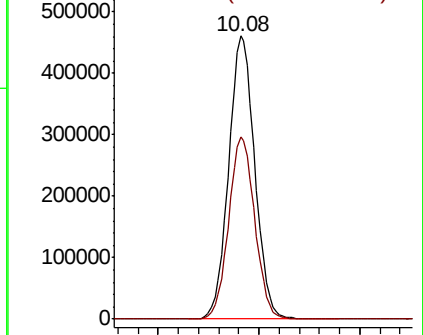
98 100

100 64.3 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 0.893 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN059001.D

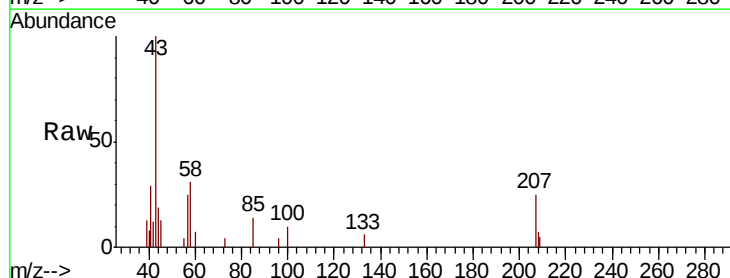
Acq: 29 Oct 2019 11:43

Tgt Ion: 43 Resp: 6176

Ion Ratio Lower Upper

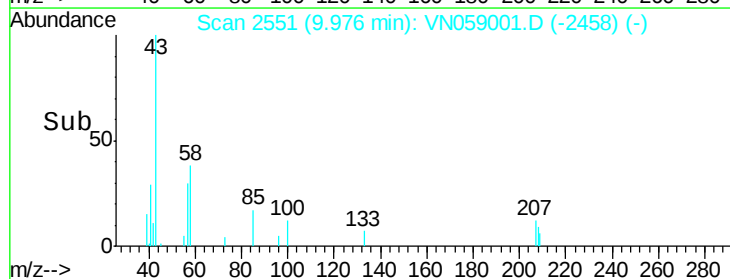
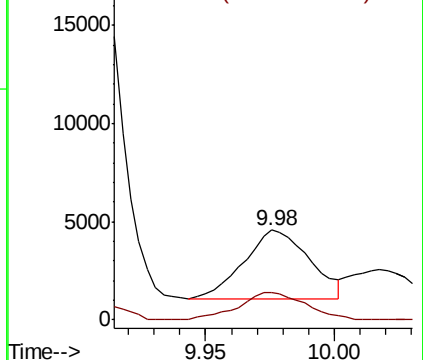
43 100

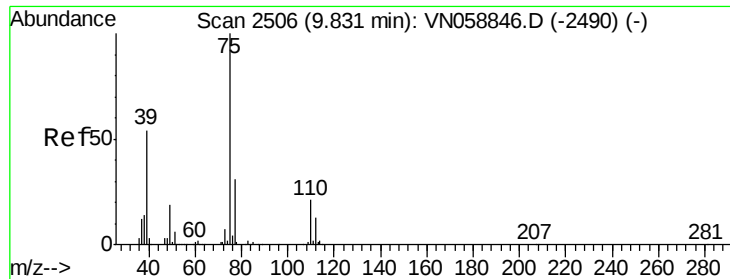
58 41.6 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



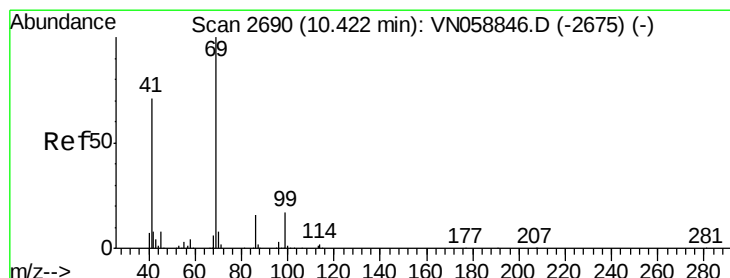
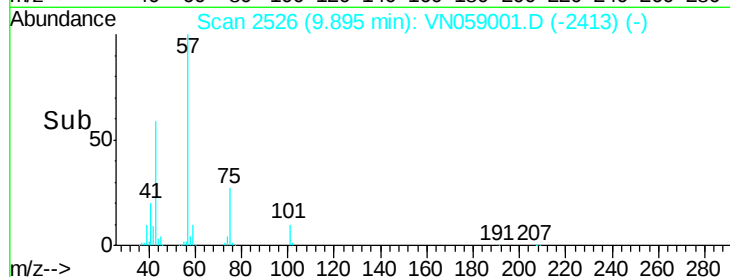
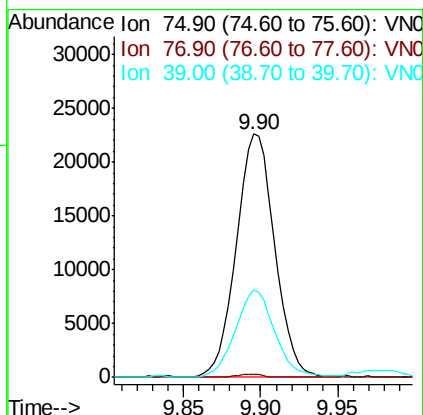
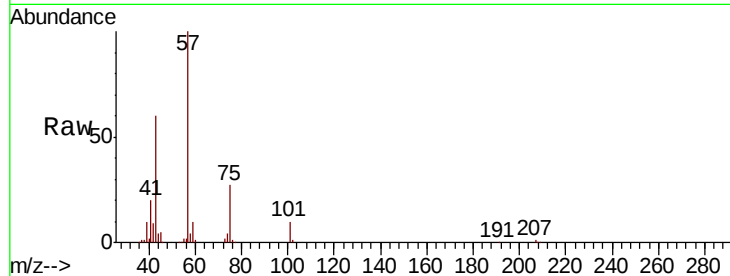


#54

cis-1,3-Dichloropropene
 Concen: 4.647 ug/l
 RT: 9.90 min Scan# 2526
 Delta R.T. 0.06 min
 Lab File: VN059001.D
 Acq: 29 Oct 2019 11:43

Instrument :
 MSVOA_N
 ClientSampled :

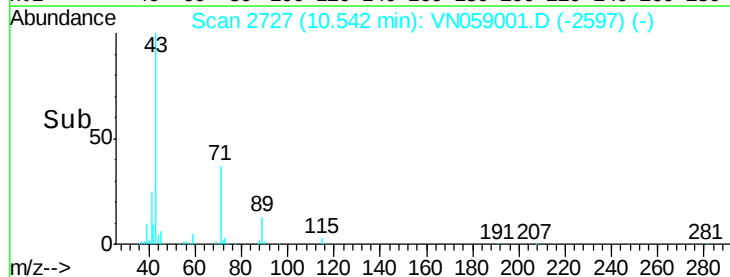
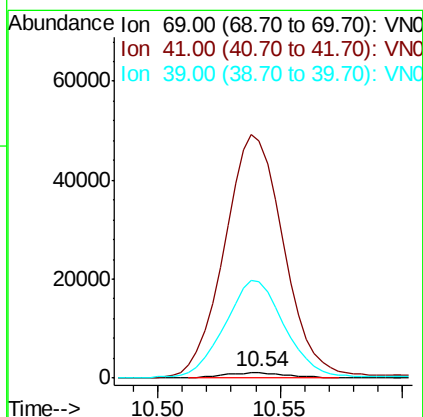
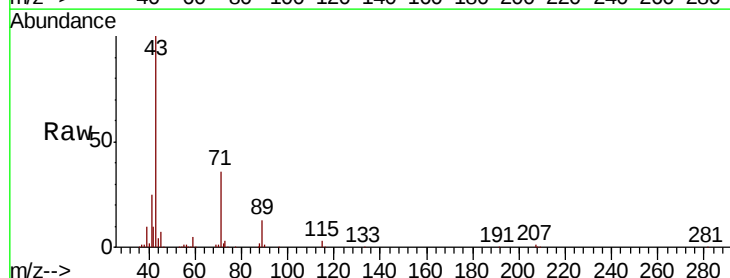
Tot Ion	Ratio	Lower	Upper
75	100		
77	1.2	24.7	37.1#
39	35.8	43.5	65.3#

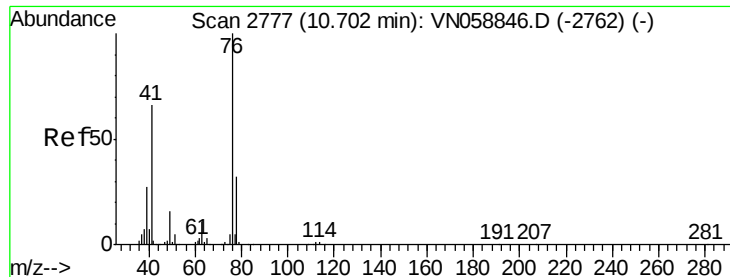


#56

Ethyl methacrylate
 Concen: 2.321 ug/l
 RT: 10.54 min Scan# 2727
 Delta R.T. 0.12 min
 Lab File: VN059001.D
 Acq: 29 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
69	100		
41	4405.8	57.2	85.8#
39	1786.0	31.0	46.4#





#57

1,3-Dichloropropane

Concen: 0.758 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN059001.D

Acq: 29 Oct 2019 11:43

Instrument :

MSVOA_N

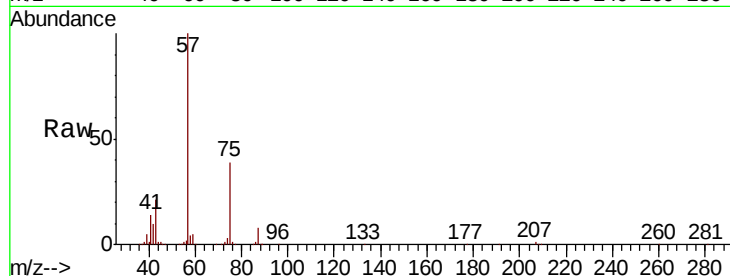
ClientSampleId :

Tot Ion: 76 Resp: 6463

Ion Ratio Lower Upper

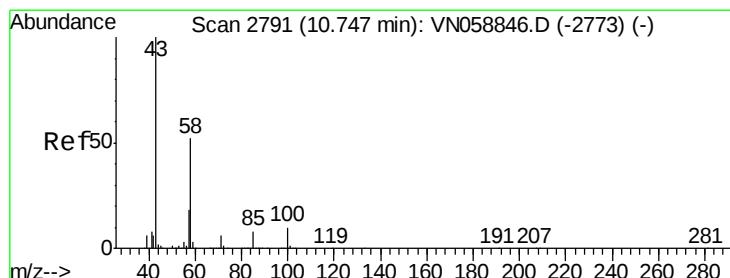
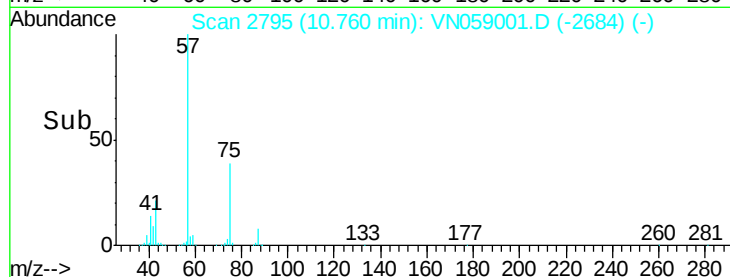
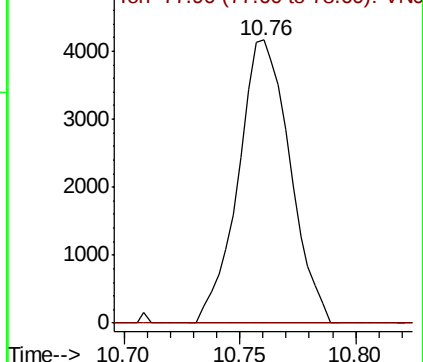
76 100

78 0.0 25.4 38.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 18.139 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.01 min

Lab File: VN059001.D

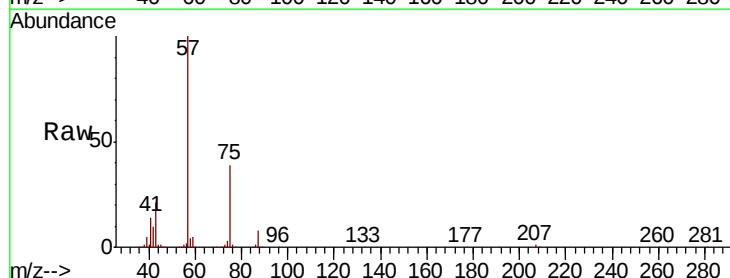
Acq: 29 Oct 2019 11:43

Tgt Ion: 43 Resp: 96898

Ion Ratio Lower Upper

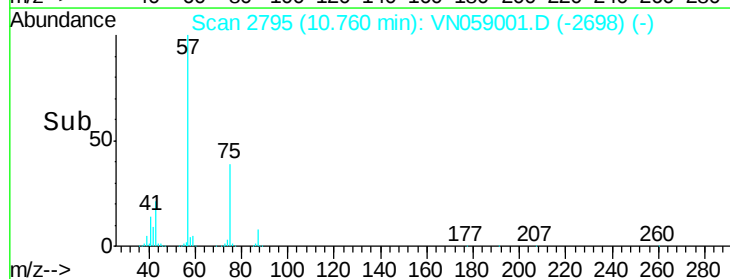
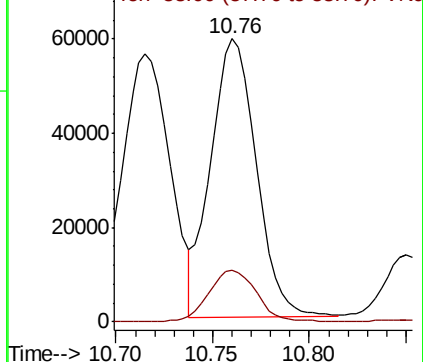
43 100

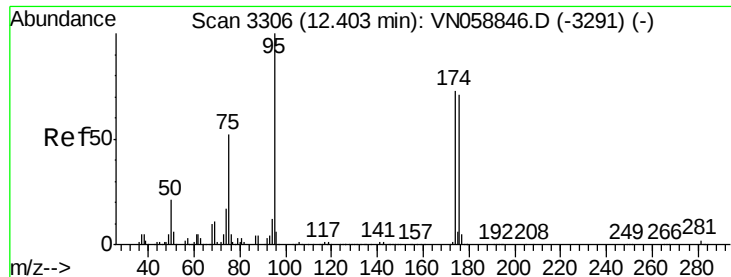
58 19.8 25.9 77.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

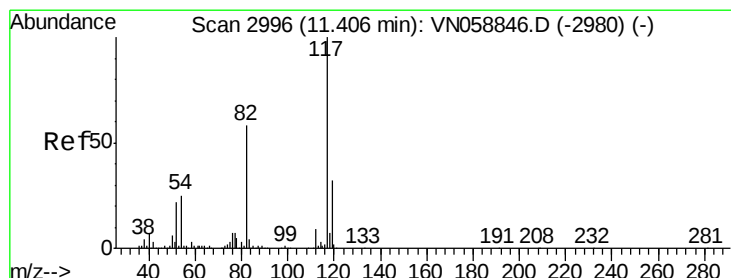
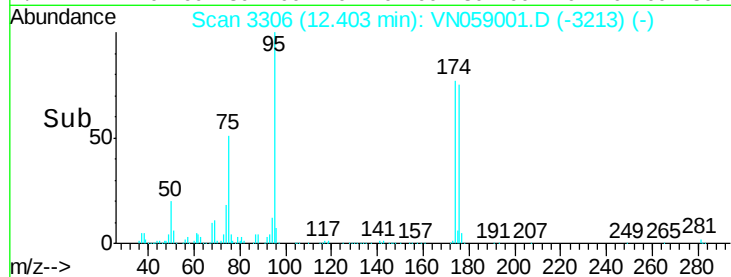
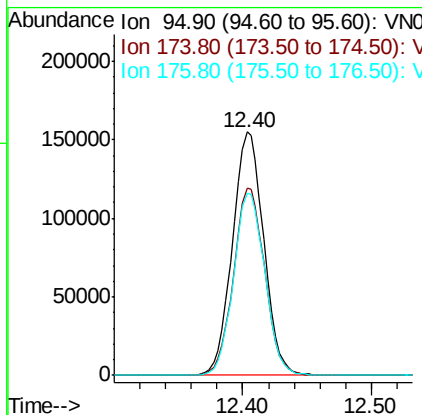
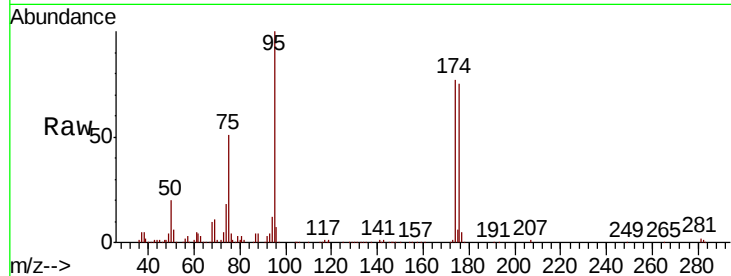




#62
4-Bromofluorobenzene
Concen: 42.141 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN059001.D
Acq: 29 Oct 2019 11:43

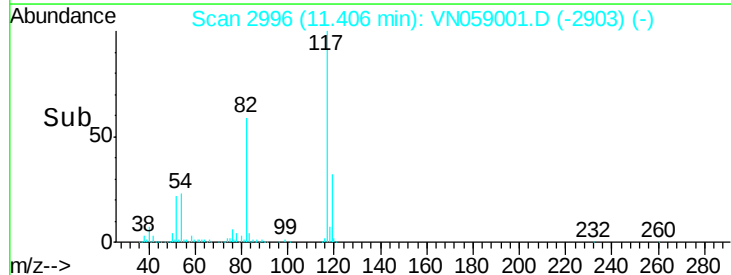
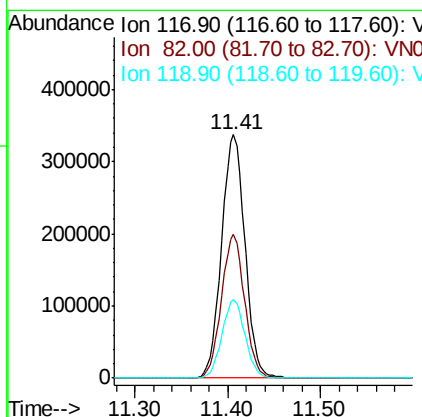
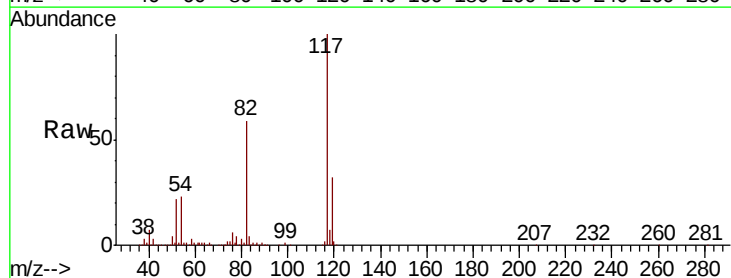
Instrument :
MSVOA_N
ClientSampled :

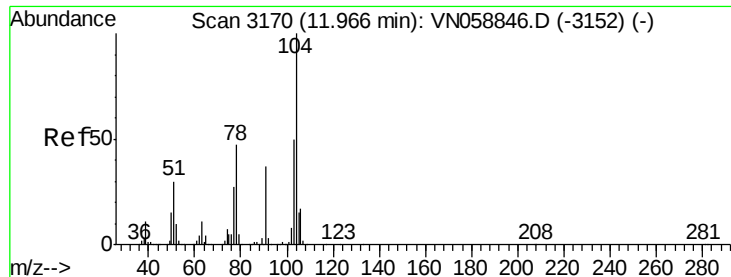
Tot Ion	95	Resp	261285
Ion Ratio	100		
Lower			
Upper			
174	76.7	0.0	147.6
176	75.0	0.0	143.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN059001.D
Acq: 29 Oct 2019 11:43

Tgt Ion	117	Resp	591088
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
82	58.9	46.6	69.8
119	32.1	25.6	38.4

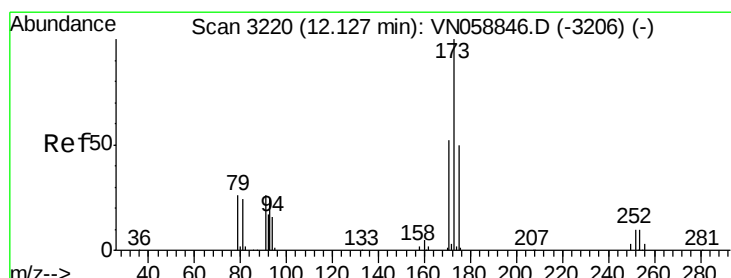
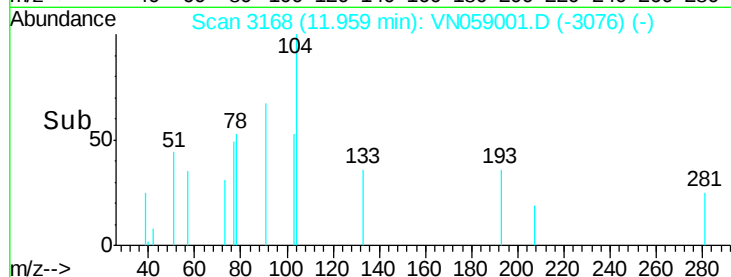
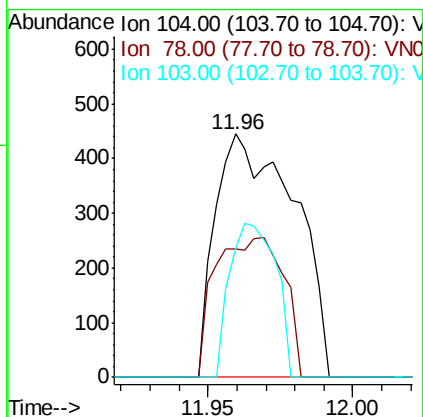
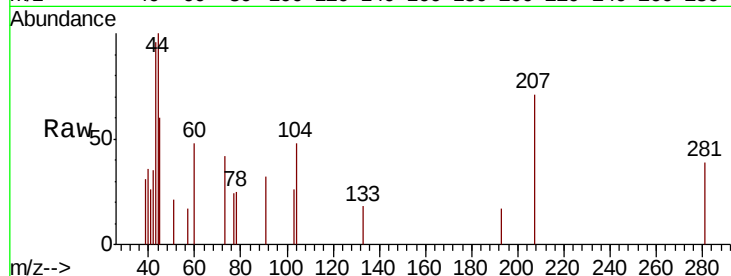




#70
Stvrene
Concen: 1.773 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.01 min
Lab File: VN059001.D
Acq: 29 Oct 2019 11:43

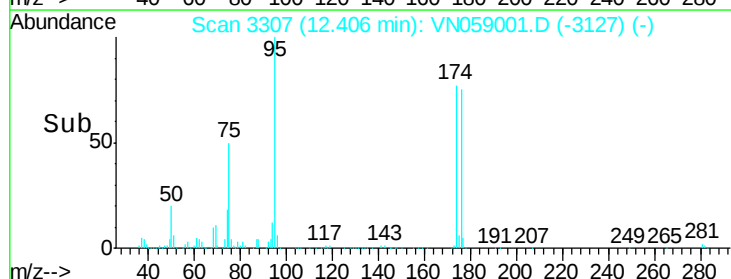
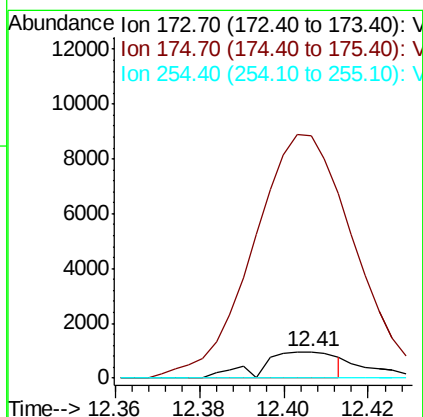
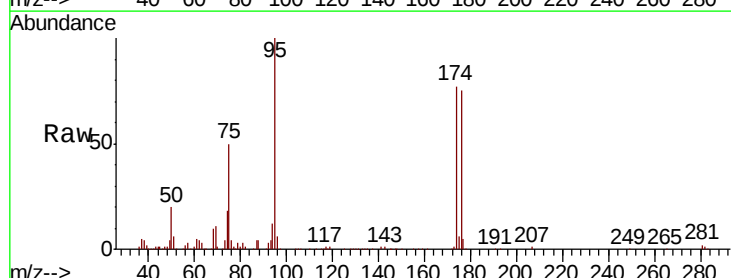
Instrument :
MSVOA_N
ClientSampleId :

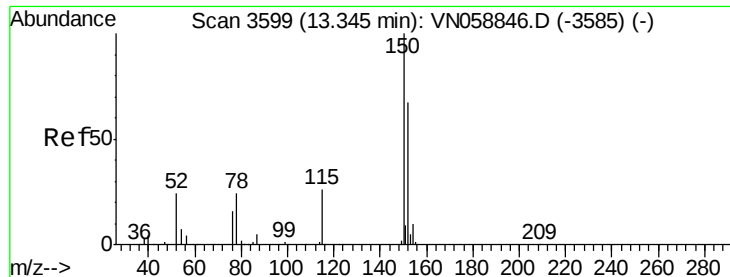
Tot Ion:104 Resp: 842
Ion Ratio Lower Upper
104 100
78 49.8 42.8 64.2
103 36.9 44.3 66.5#



#71
Bromoform
Concen: 0.335 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN059001.D
Acq: 29 Oct 2019 11:43

Tgt Ion:173 Resp: 1181
Ion Ratio Lower Upper
173 100
175 1007.7 24.7 74.1#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN059001.D

Acq: 29 Oct 2019 11:43

Instrument :

MSVOA_N

ClientSampleId :

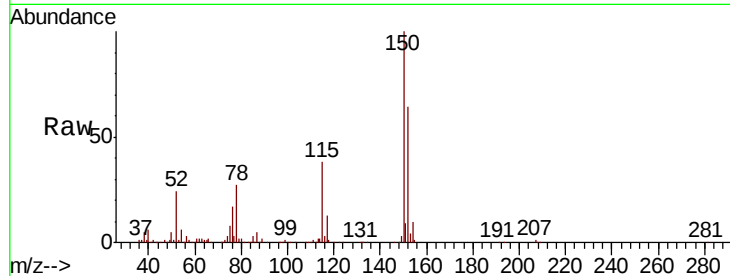
Tot Ion:152 Resp: 209928

Ion Ratio Lower Upper

152 100

115 59.4 30.5 91.5

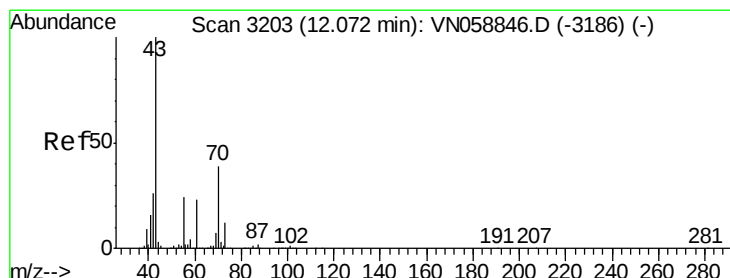
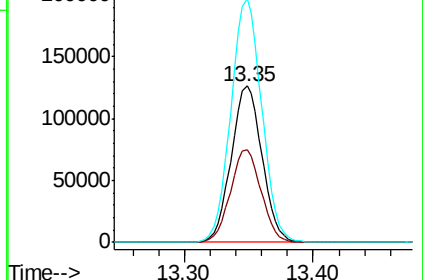
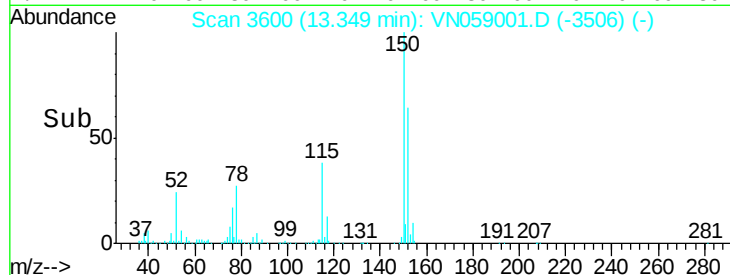
150 155.9 0.0 344.4



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



#74

N-ethyl acetate

Concen: 0.411 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN059001.D

Acq: 29 Oct 2019 11:43

Tgt Ion: 43 Resp: 2857

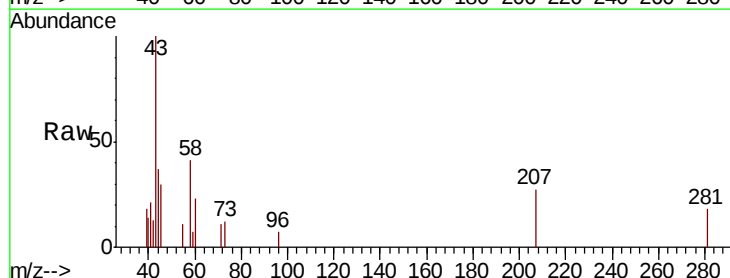
Ion Ratio Lower Upper

43 100

70 0.0 30.9 46.3#

55 6.2 19.7 29.5#

61 0.0 18.2 27.4#

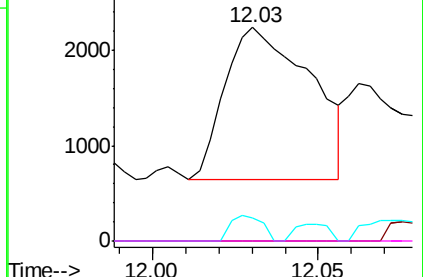
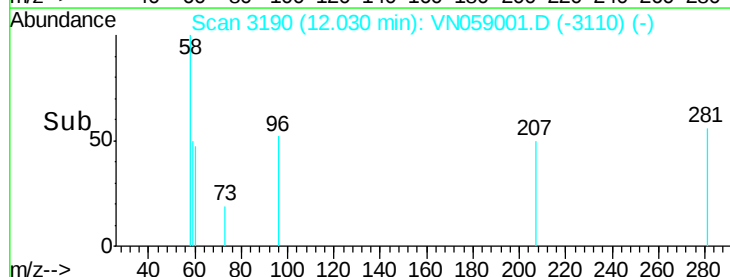


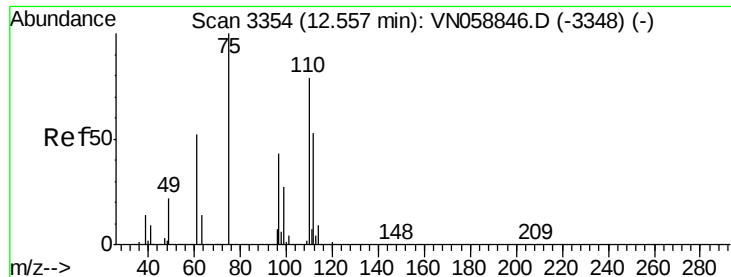
Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO





#76

1,2,3-Trichloropropane

Concen: 27.363 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN059001.D

Acq: 29 Oct 2019 11:43

Instrument :

MSVOA_N

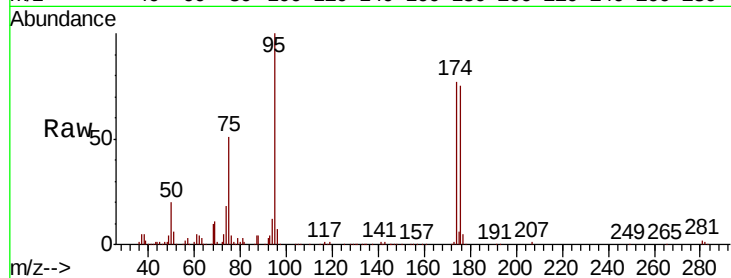
ClientSampleId :

Tot Ion: 75 Resp: 133131

Ion Ratio Lower Upper

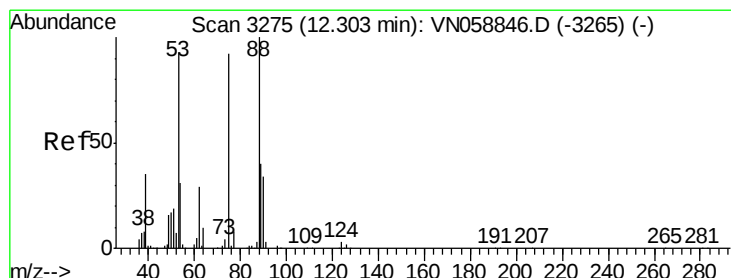
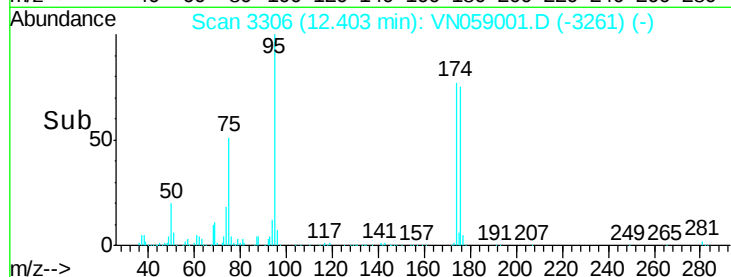
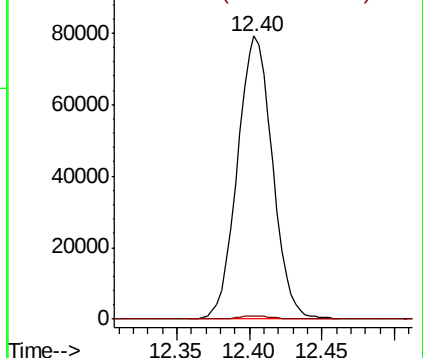
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO



#81

trans-1,4-Dichloro-2-butene

Concen: 71.284 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN059001.D

Acq: 29 Oct 2019 11:43

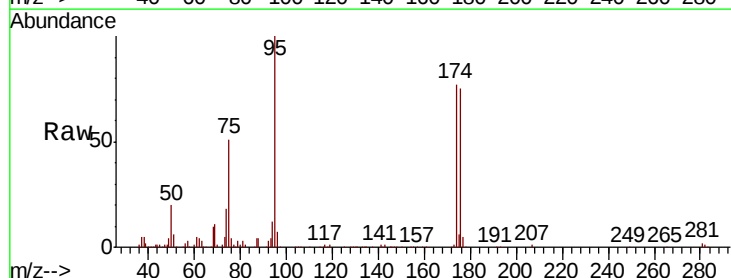
Tgt Ion: 75 Resp: 133131

Ion Ratio Lower Upper

75 100

53 0.0 78.6 118.0#

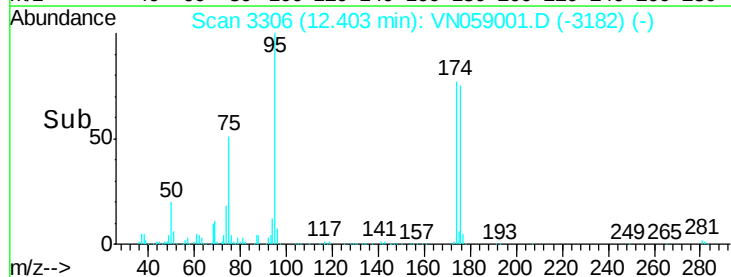
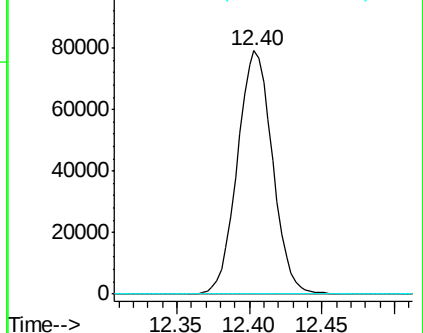
89 0.0 35.4 53.0#

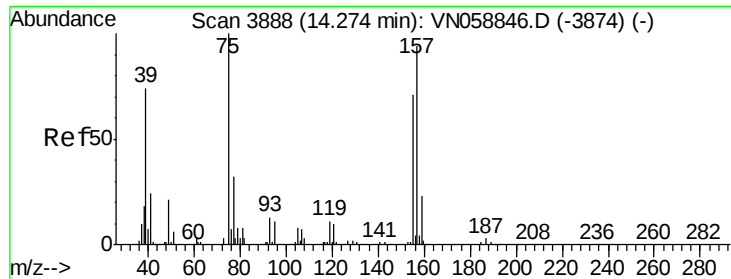


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.230 ug/l

RT: 14.28 min Scan# 3890

Delta R.T. 0.01 min

Lab File: VN059001.D

Acq: 29 Oct 2019 11:43

Instrument :

MSVOA_N

ClientSampled :

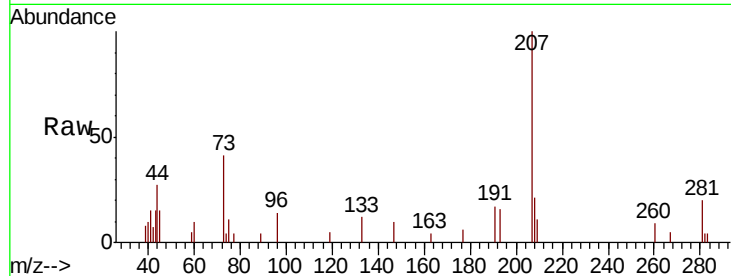
Tot Ion: 75 Resp: 281

Ion Ratio Lower Upper

75 100

155 0.0 35.6 106.8#

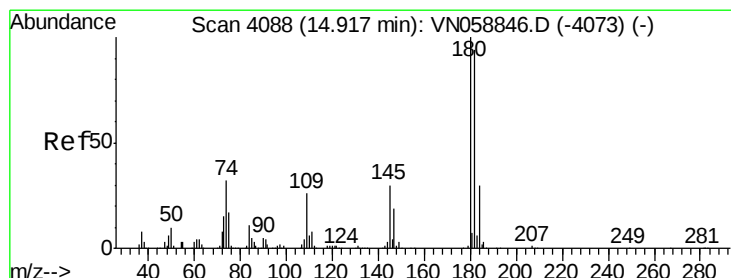
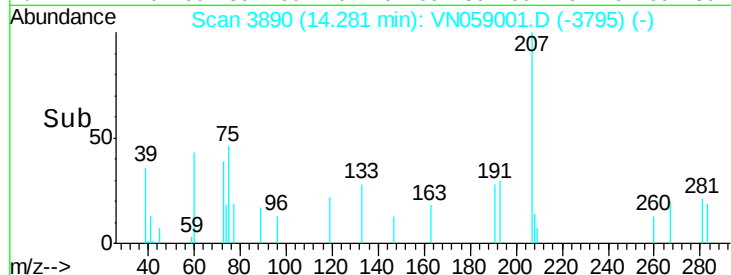
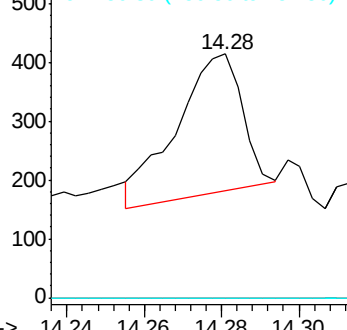
157 0.0 47.4 142.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 3.037 ug/l

RT: 14.92 min Scan# 4088

Delta R.T. 0.00 min

Lab File: VN059001.D

Acq: 29 Oct 2019 11:43

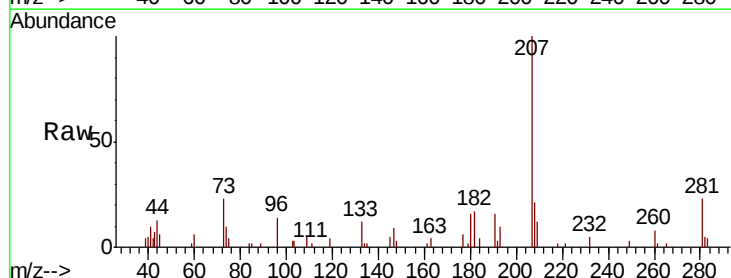
Tgt Ion: 180 Resp: 2274

Ion Ratio Lower Upper

180 100

182 98.4 47.3 142.0

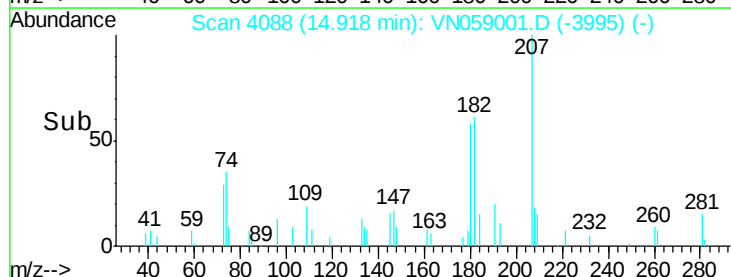
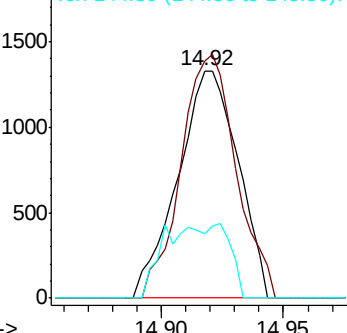
145 22.9 15.3 45.8

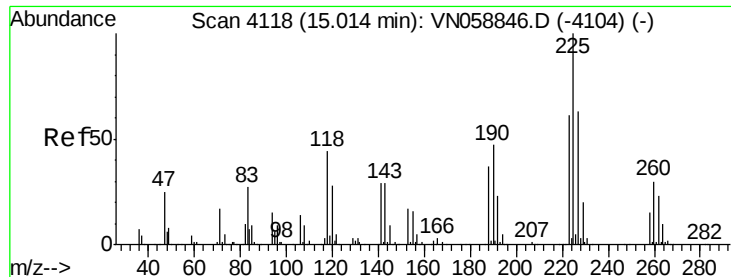


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 0.311 ug/l

RT: 15.02 min Scan# 4120

Delta R.T. 0.01 min

Lab File: VN059001.D

Acq: 29 Oct 2019 11:43

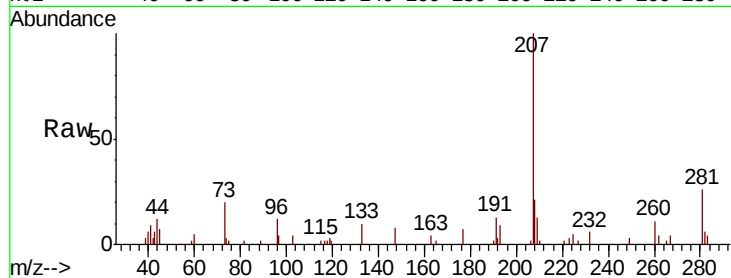
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:225 Resp: 669

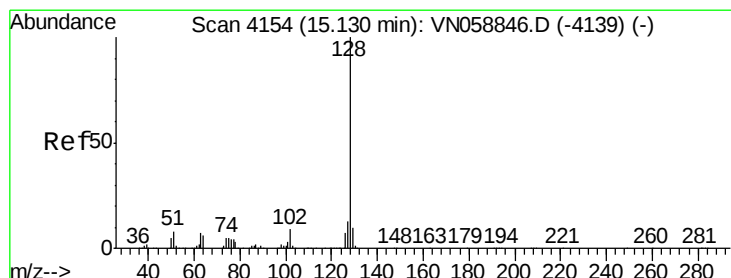
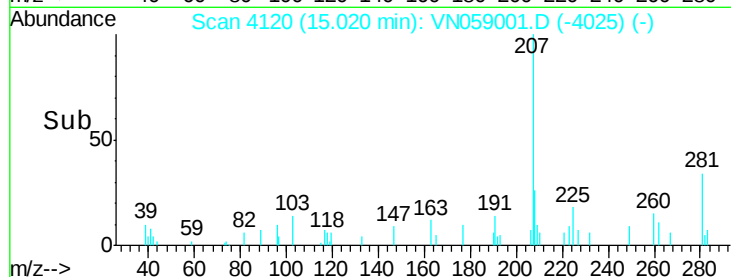
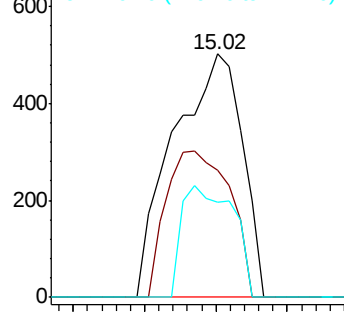
Ion	Ratio	Lower	Upper
225	100		
223	55.6	30.9	92.5
227	34.2	31.6	94.7



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 2.964 ug/l

RT: 15.14 min Scan# 4156

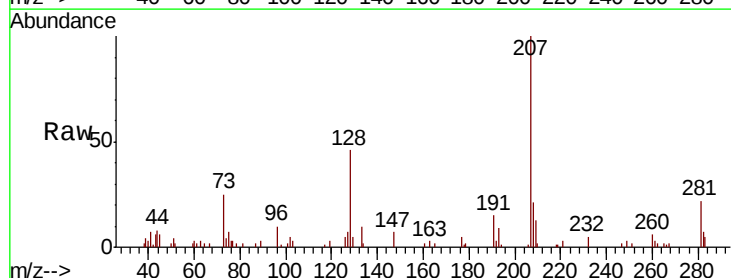
Delta R.T. 0.01 min

Lab File: VN059001.D

Acq: 29 Oct 2019 11:43

Tgt Ion:128 Resp: 9300

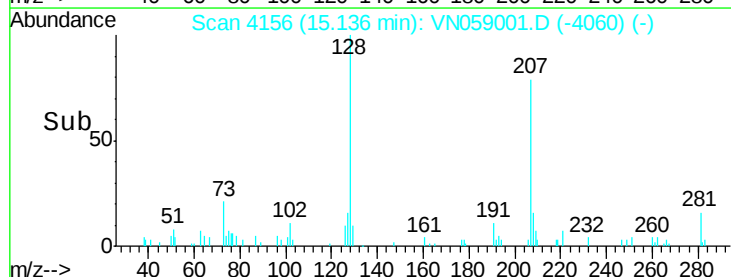
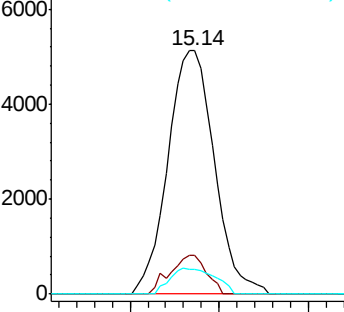
Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.2	15.2
129	10.3	8.4	12.6

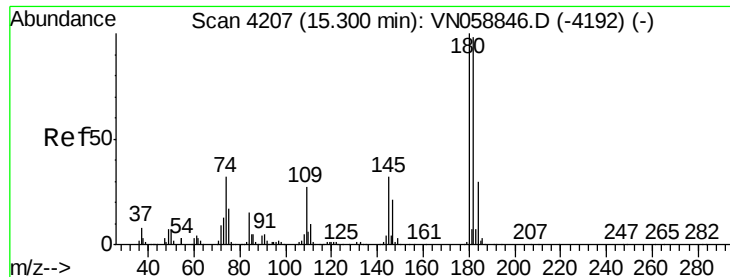


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 3.066 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN059001.D

Acq: 29 Oct 2019 11:43

Instrument :

MSVOA_N

ClientSampleId :

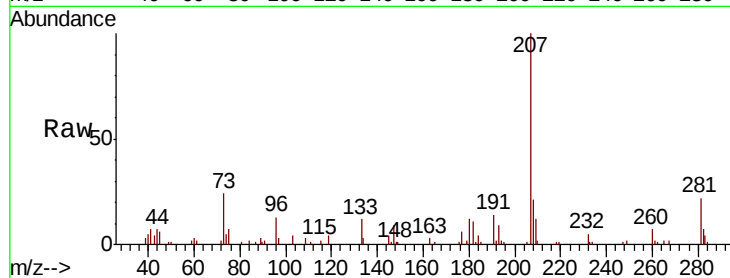
Tot Ion:180 Resp: 2871

Ion Ratio Lower Upper

180 100

182 90.0 47.9 143.7

145 32.8 15.9 47.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

