

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN103119\
 Data File : VN059038.D
 Acq On : 31 Oct 2019 14:39
 Operator : JC/SP
 Sample : K5612-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

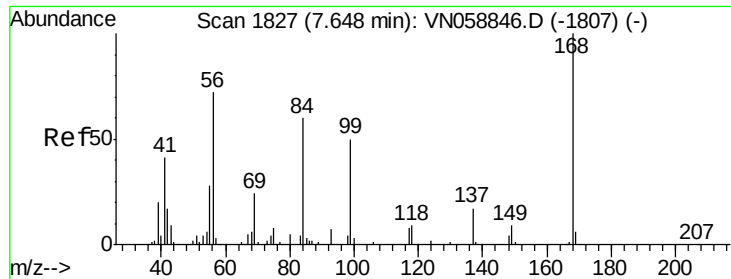
Quant Time: Nov 01 01:11:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	378181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	589781	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	533621	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	182116	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	257609	46.44	ug/l	0.00
Spiked Amount			Recovery	=	92.88%	
35) Dibromofluoromethane	7.57	113	194185	50.08	ug/l	0.00
Spiked Amount			Recovery	=	100.16%	
50) Toluene-d8	10.09	98	747199	49.64	ug/l	0.00
Spiked Amount			Recovery	=	99.28%	
62) 4-Bromofluorobenzene	12.41	95	229712	41.56	ug/l	0.00
Spiked Amount			Recovery	=	83.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.77	59	272	0.296	ug/l #	72
14) Allyl chloride	4.53	41	43714	5.795	ug/l #	24
16) Acetone	3.80	43	17069	6.228	ug/l	89
17) Carbon Disulfide	4.02	76	5549	0.462	ug/l #	87
18) Methyl Acetate	4.30	43	11828	1.898	ug/l	95
20) Methylene Chloride	4.53	84	1151284	246.001	ug/l	98
25) 2-Butanone	6.83	43	4259	1.197	ug/l	93
29) Tetrahydrofuran	7.19	42	440	0.202	ug/l #	55
30) Chloroform	7.35	83	4928	0.574	ug/l #	79
31) Cyclohexane	7.65	56	8607	1.080	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	30390	5.033	ug/l #	50
37) Ethyl Acetate	6.83	43	4259	0.647	ug/l #	72
38) Carbon Tetrachloride	7.65	117	37087	5.962	ug/l #	17
43) Isopropyl Acetate	8.15	43	89141	8.448	ug/l #	91
45) 1,2-Dichloropropane	9.26	63	1826	0.376	ug/l #	44
48) Methyl methacrylate	9.17	41	5912	1.235	ug/l #	14
49) 1,4-Dioxane	9.25	88	63	0.802	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	5898	0.957	ug/l	91
54) cis-1,3-Dichloropropene	9.90	75	35381	4.722	ug/l #	63
56) Ethyl methacrylate	10.54	69	1770	2.331	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	6120	0.805	ug/l #	43
59) 2-Hexanone	10.76	43	95991	20.156	ug/l #	55
70) Styrene	11.97	104	71	1.719	ug/l #	24
71) Bromoform	12.40	173	1391	0.438	ug/l #	1
74) N-amyl acetate	12.03	43	4502	0.746	ug/l #	47
76) 1,2,3-Trichloropropane	12.41	75	119326	28.271	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	4066	0.364	ug/l	88
81) trans-1,4-Dichloro-2-buten	12.41	75	119326	73.649	ug/l #	10
95) Naphthalene	15.14	128	2756	2.478	ug/l #	82

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059038.D

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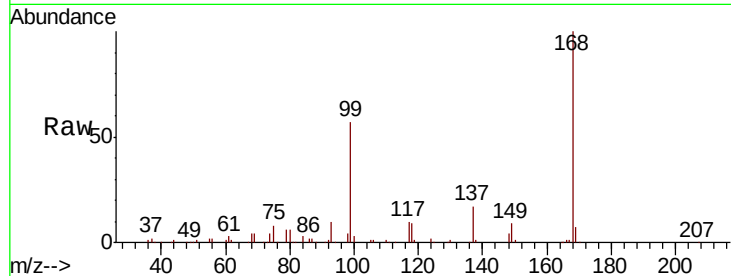
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 378181

Ion Ratio Lower Upper

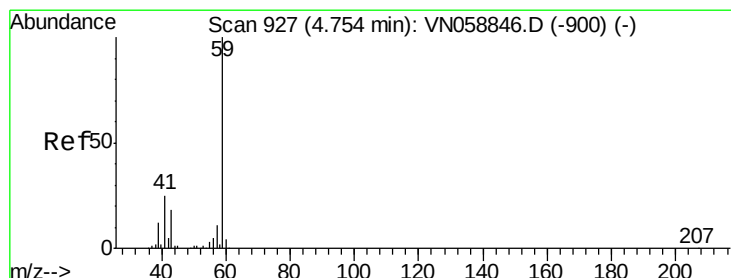
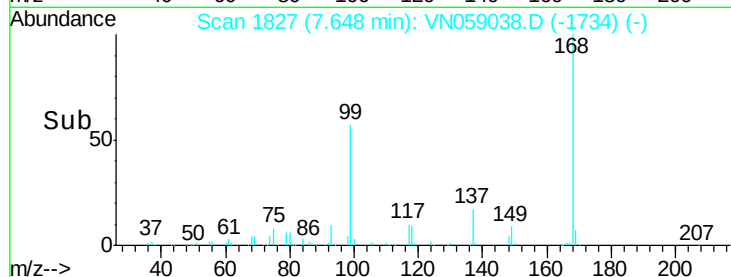
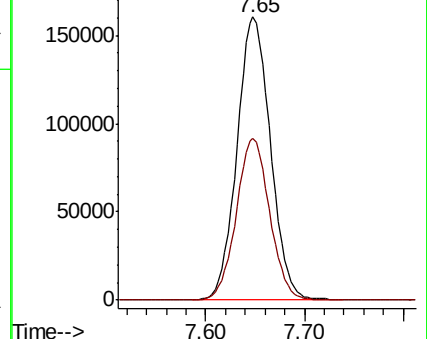
168 100

99 57.4 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#11

Tert butyl alcohol

Concen: 0.296 ug/l

RT: 4.77 min Scan# 933

Delta R.T. 0.02 min

Lab File: VN059038.D

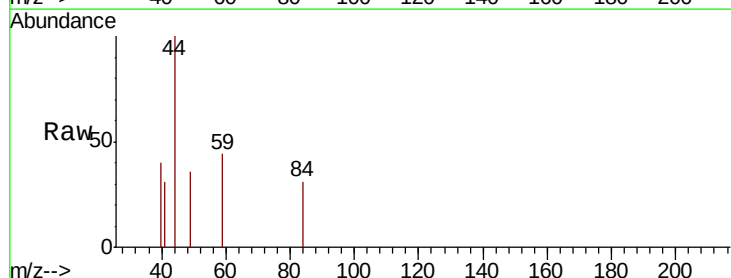
Acq: 31 Oct 2019 14:39

Tgt Ion: 59 Resp: 272

Ion Ratio Lower Upper

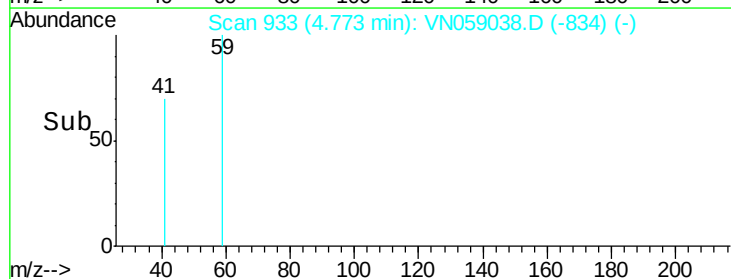
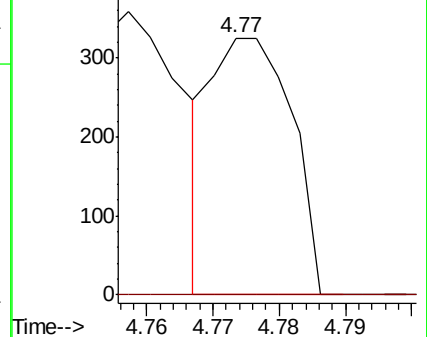
59 100

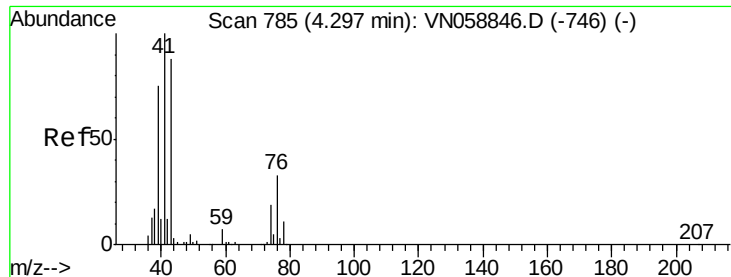
57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN





#14

Allvl chloride

Concen: 5.795 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.23 min

Lab File: VN059038.D

Acq: 31 Oct 2019 14:39

Instrument :

MSVOA_N

ClientSampled :

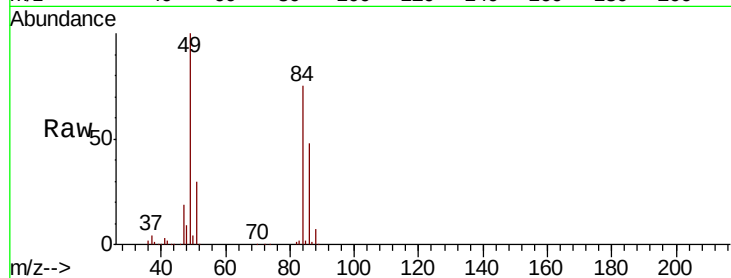
Tot Ion: 41 Resp: 43714

Ion Ratio Lower Upper

41 100

39 0.5 55.9 83.9#

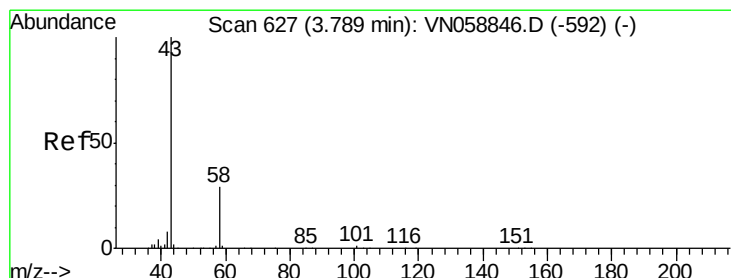
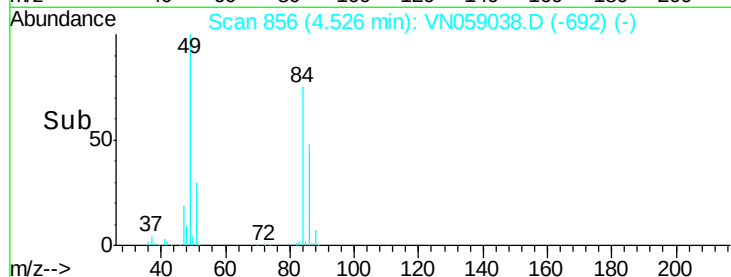
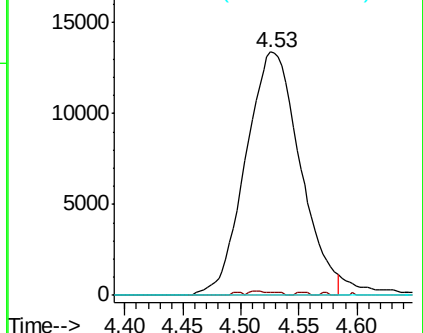
76 0.0 24.1 36.1#



Abundance Ion 41.00 (40.70 to 41.70): VN058846.D (-746) (-)

Ion 39.00 (38.70 to 39.70): VN058846.D (-746) (-)

Ion 75.90 (75.60 to 76.60): VN058846.D (-746) (-)



#16

Acetone

Concen: 6.228 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN059038.D

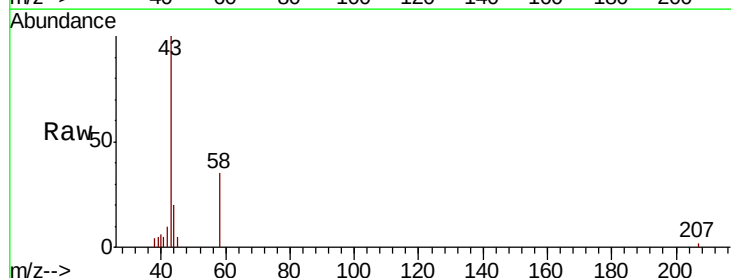
Acq: 31 Oct 2019 14:39

Tgt Ion: 43 Resp: 17069

Ion Ratio Lower Upper

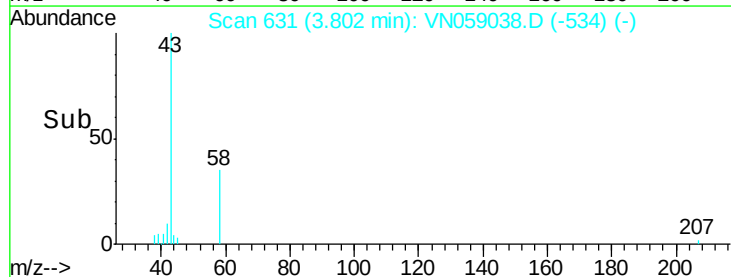
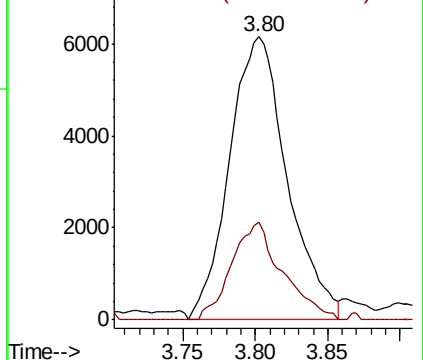
43 100

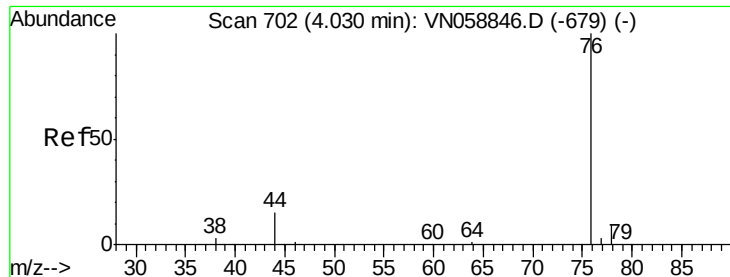
58 34.6 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN058846.D (-592) (-)

Ion 58.00 (57.70 to 58.70): VN058846.D (-592) (-)

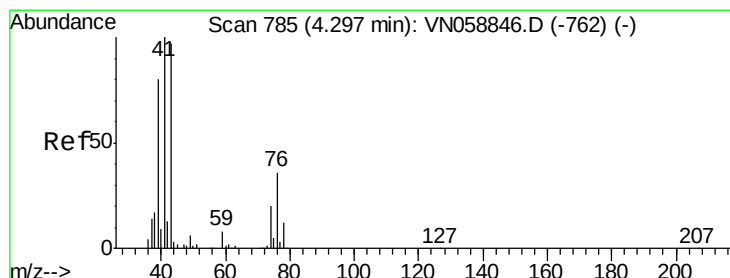
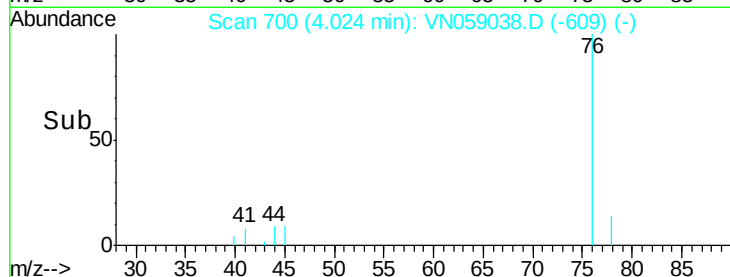
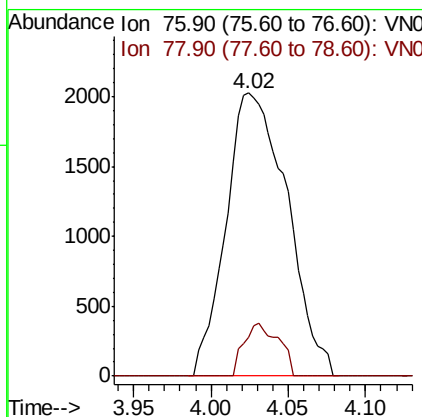
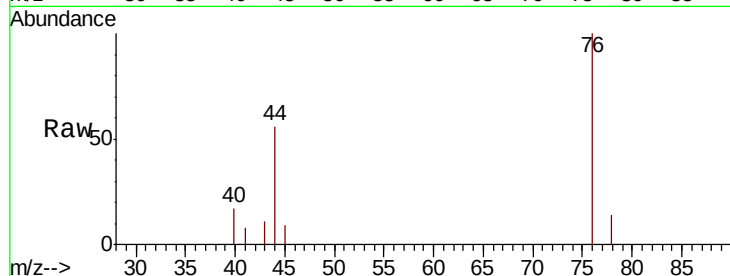




#17
Carbon Disulfide
Concen: 0.462 ug/l
RT: 4.02 min Scan# 700
Delta R.T. -0.01 min
Lab File: VN059038.D
Acq: 31 Oct 2019 14:39

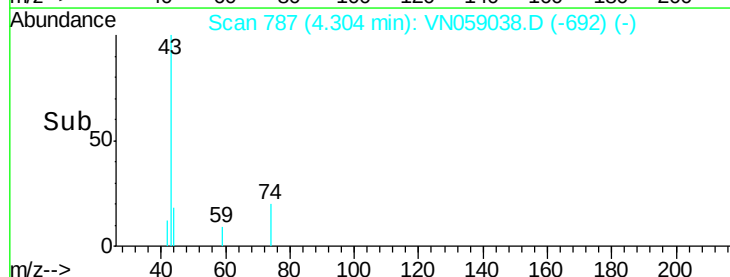
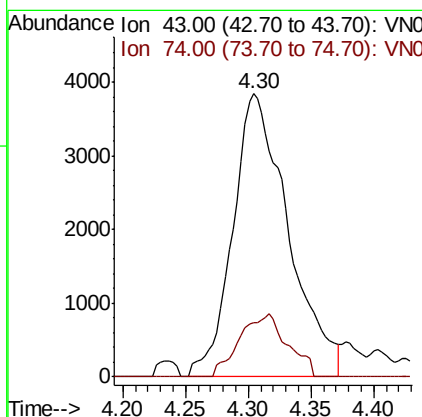
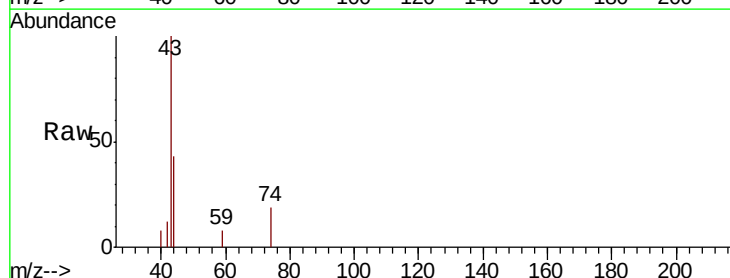
Instrument :
MSVOA_N
ClientSampled :

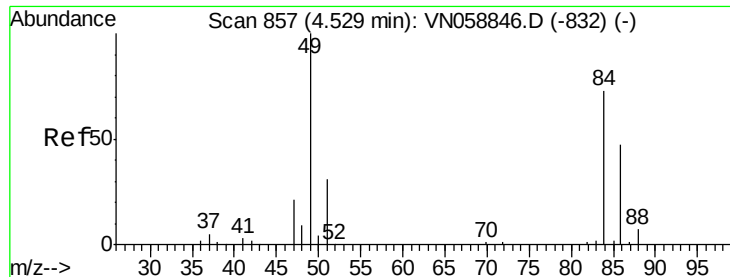
Tot Ion: 76 Resp: 5549
Ion Ratio Lower Upper
76 100
78 13.6 7.1 10.7#



#18
Methyl Acetate
Concen: 1.898 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.01 min
Lab File: VN059038.D
Acq: 31 Oct 2019 14:39

Tgt Ion: 43 Resp: 11828
Ion Ratio Lower Upper
43 100
74 19.1 17.1 25.7



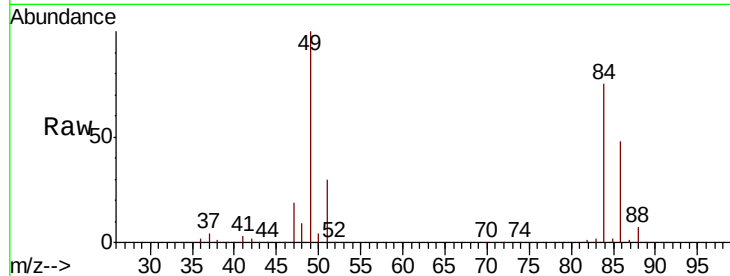


#20
Methvlene Chloride
Concen: 246.001 ug/l
RT: 4.53 min Scan# 856
Delta R.T. -0.00 min
Lab File: VN059038.D
Acq: 31 Oct 2019 14:39

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 84 Resp: 1151284

Ion	Ratio	Lower	Upper
84	100		
49	133.6	109.6	164.4
51	40.2	33.8	50.6
86	64.4	51.5	77.3

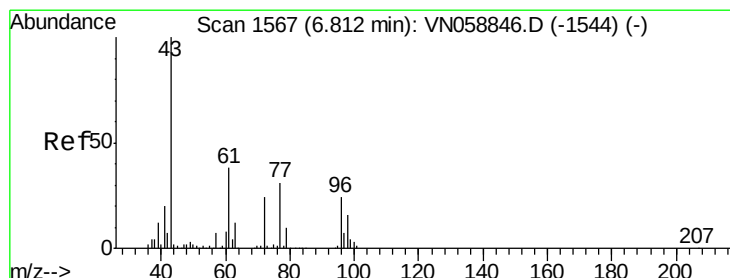
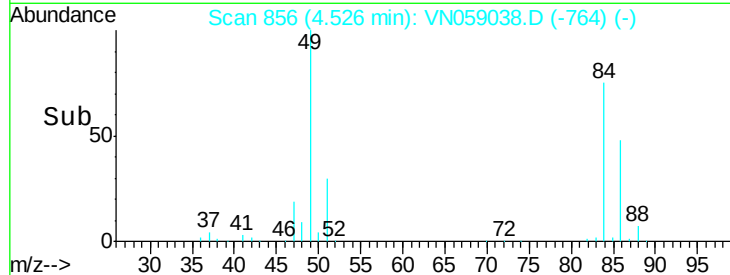
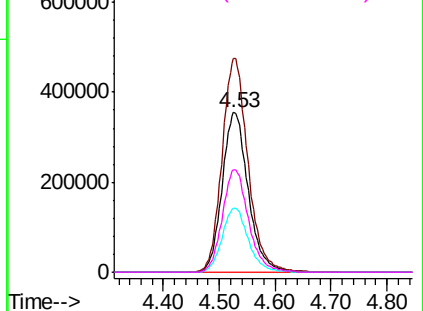


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

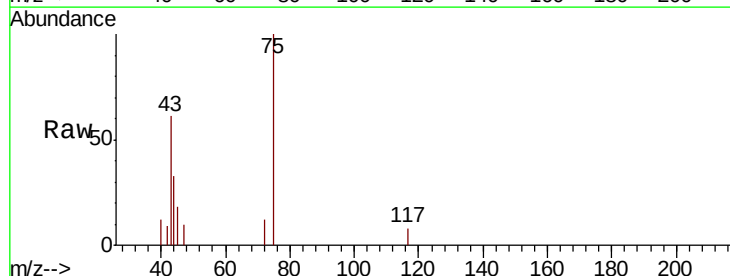
Ion 85.90 (85.60 to 86.60): VN0



#25
2-Butanone
Concen: 1.197 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.02 min
Lab File: VN059038.D
Acq: 31 Oct 2019 14:39

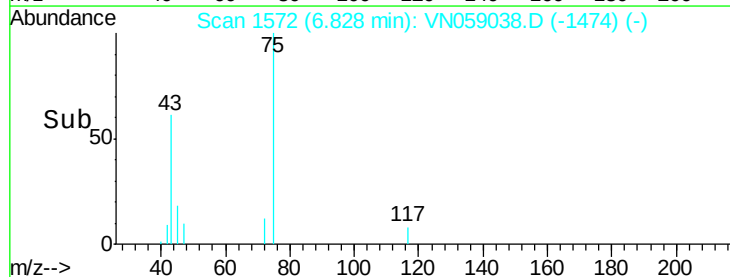
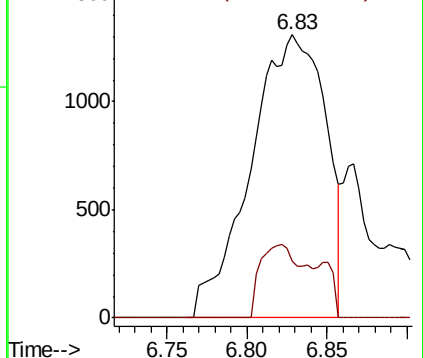
Tgt Ion: 43 Resp: 4259

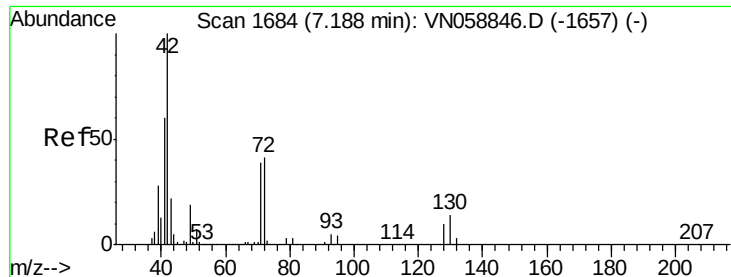
Ion	Ratio	Lower	Upper
43	100		
72	20.3	19.1	28.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

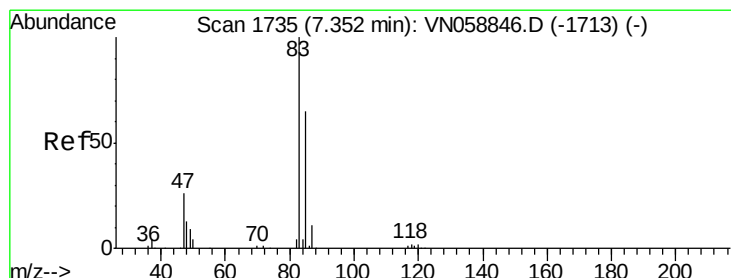
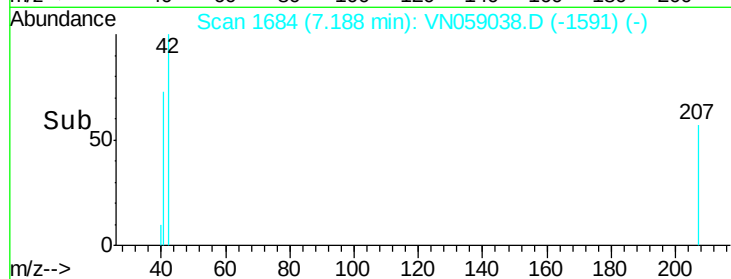
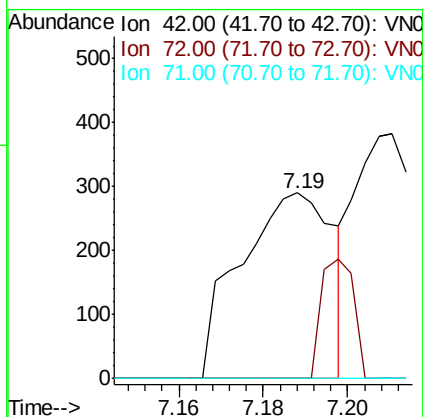
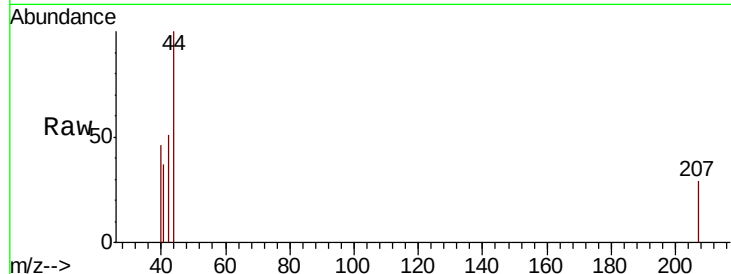




#29
Tetrahydrofuran
Concen: 0.202 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN059038.D
Acq: 31 Oct 2019 14:39

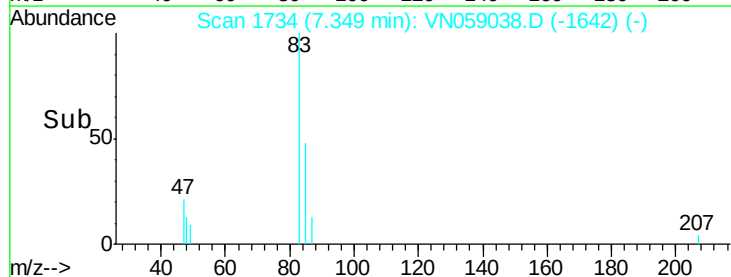
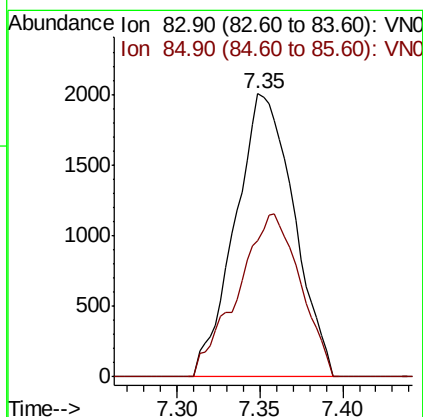
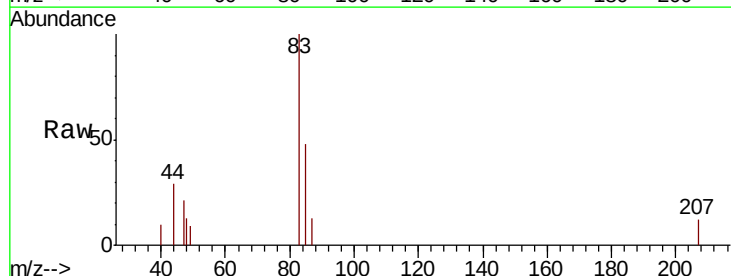
Instrument :
MSVOA_N
ClientSampled :

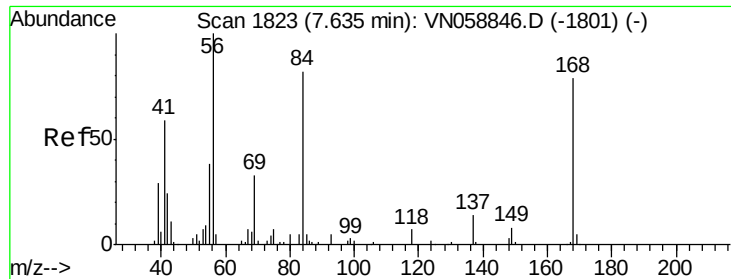
Tot Ion: 42 Resp: 440
Ion Ratio Lower Upper
42 100
72 22.7 32.2 48.2#
71 0.0 30.6 45.8#



#30
Chloroform
Concen: 0.574 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059038.D
Acq: 31 Oct 2019 14:39

Tgt Ion: 83 Resp: 4928
Ion Ratio Lower Upper
83 100
85 48.3 51.9 77.9#

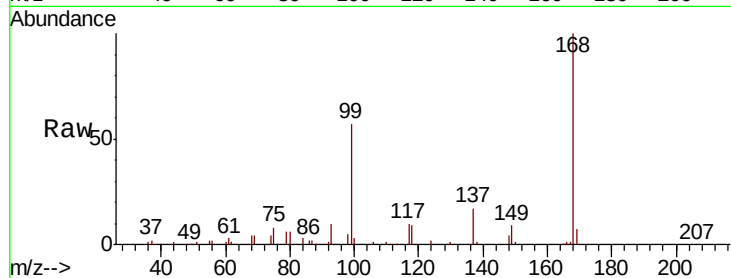




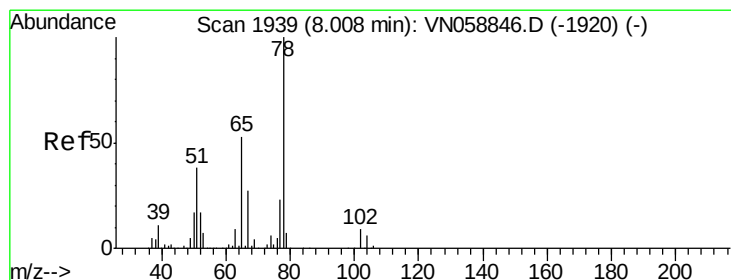
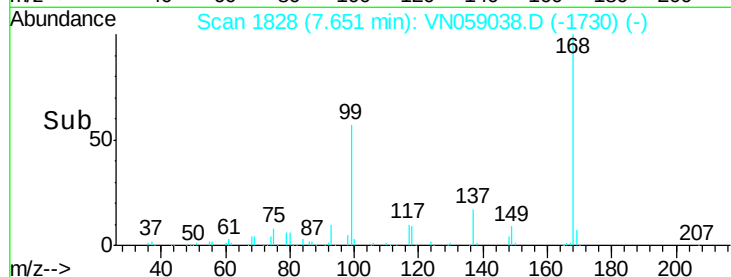
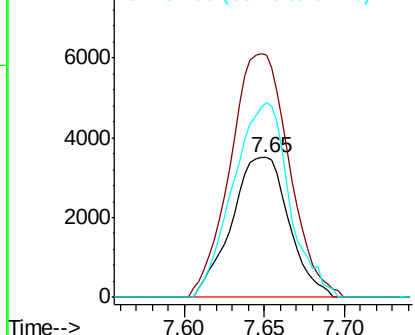
#31
Cyclohexane
Concen: 1.080 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.02 min
Lab File: VN059038.D
Acq: 31 Oct 2019 14:39

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 8607
Ion Ratio Lower Upper
56 100
69 172.8 26.2 39.4#
84 139.5 65.6 98.4#

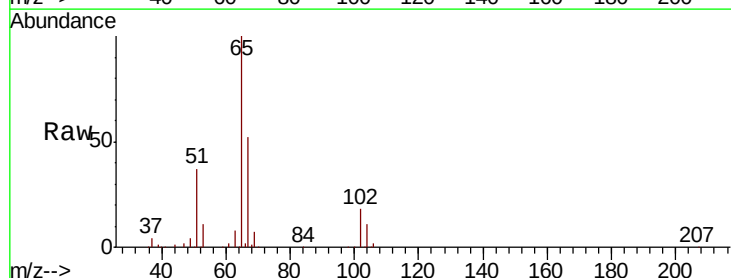


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

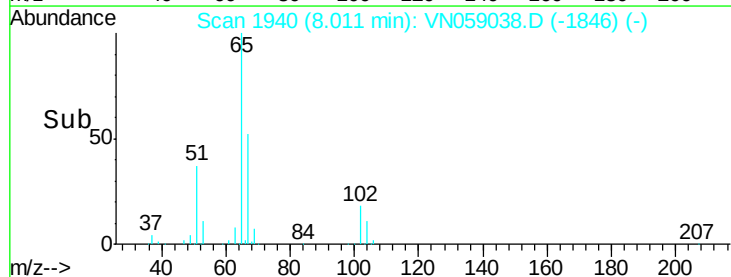
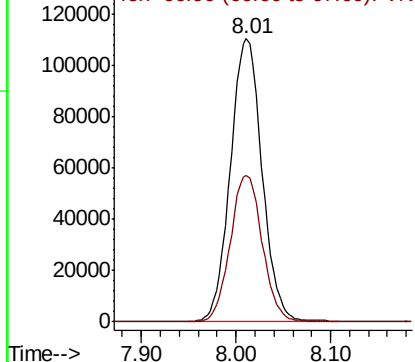


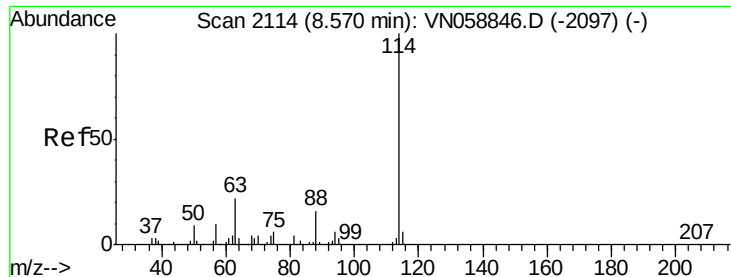
#33
1,2-Dichloroethane-d4
Concen: 46.444 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. 0.00 min
Lab File: VN059038.D
Acq: 31 Oct 2019 14:39

Tgt Ion: 65 Resp: 257609
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.2



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

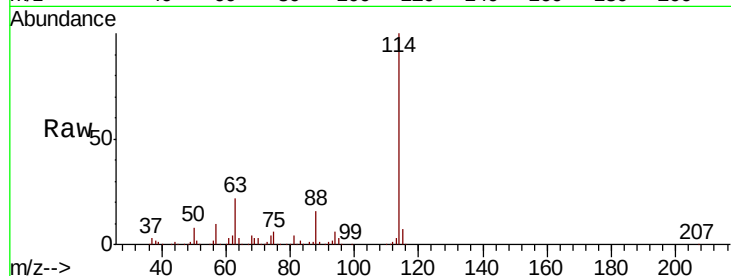




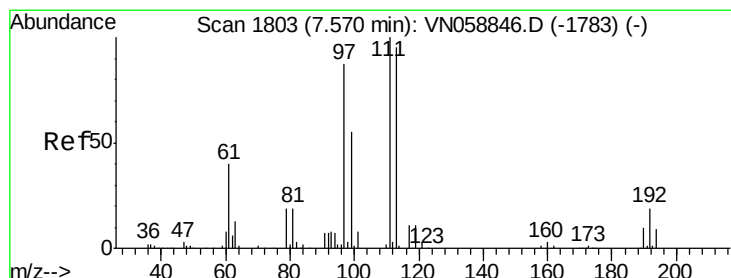
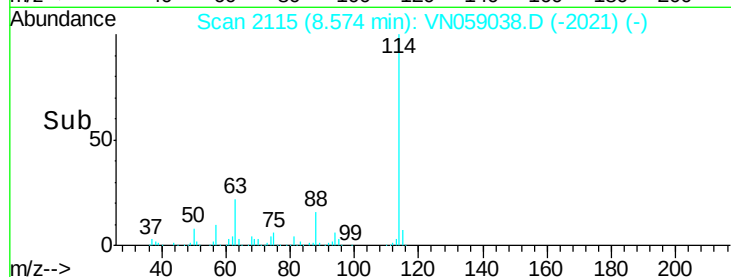
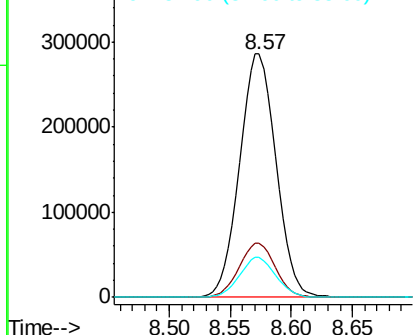
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN059038.D
 Acq: 31 Oct 2019 14:39

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114	Resp:	589781
Ion Ratio	Lower	Upper
114 100		
63 22.2	0.0	44.4
88 16.2	0.0	31.4

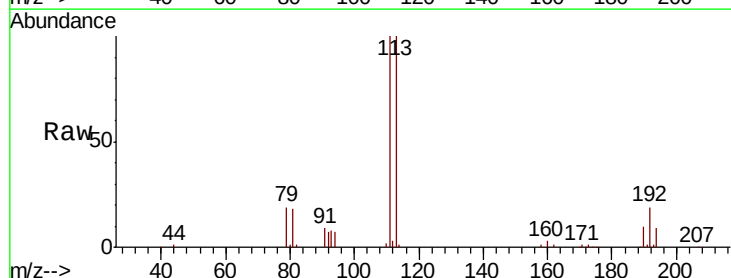


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

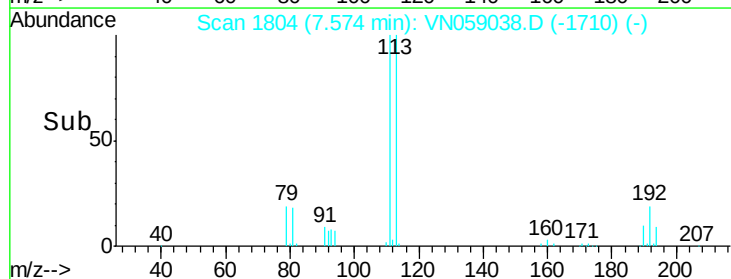
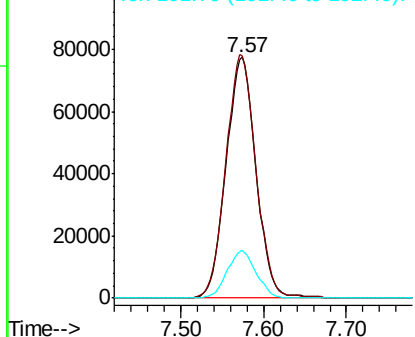


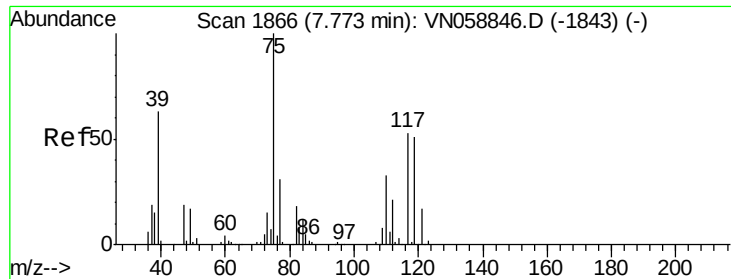
#35
 Dibromofluoromethane
 Concen: 50.078 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN059038.D
 Acq: 31 Oct 2019 14:39

Tgt Ion:113	Resp:	194185
Ion Ratio	Lower	Upper
113 100		
111 101.8	82.0	123.0
192 19.1	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

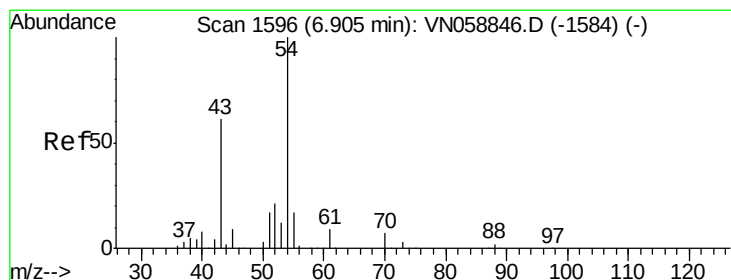
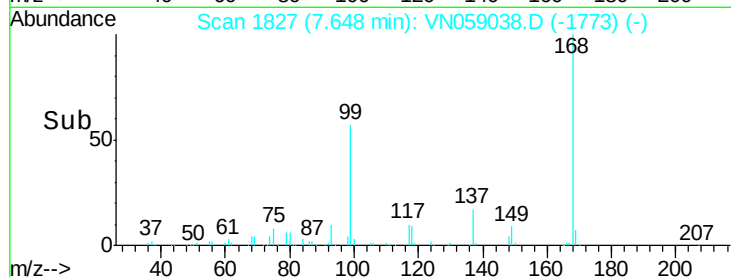
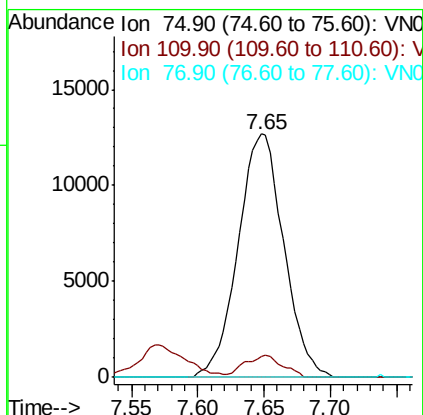
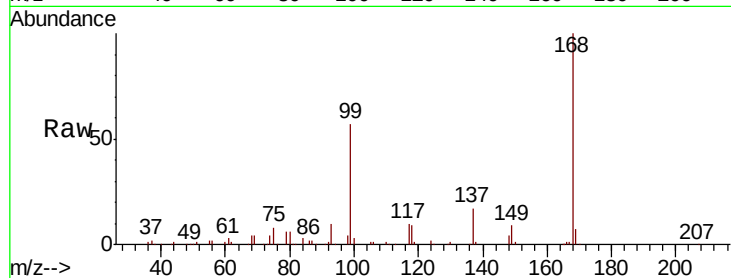




#36
 1,1-Dichloropropene
 Concen: 5.033 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN059038.D
 Acq: 31 Oct 2019 14:39

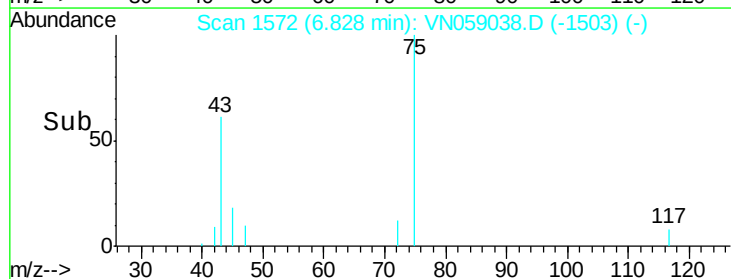
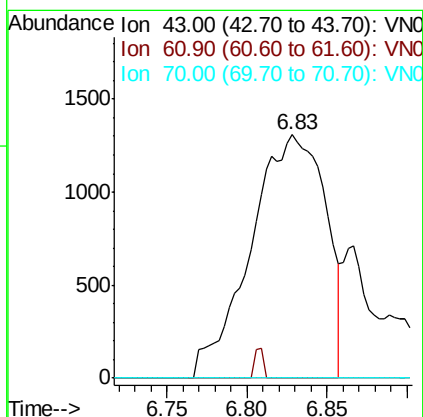
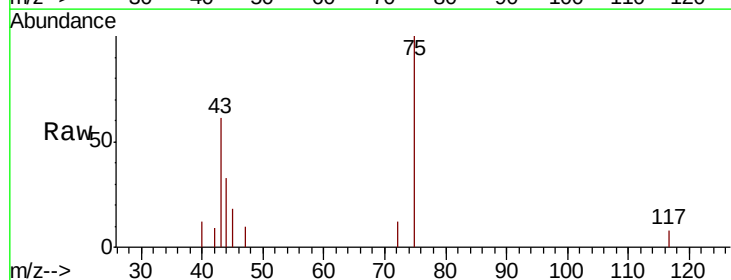
Instrument :
 MSVOA_N
 ClientSampleId :

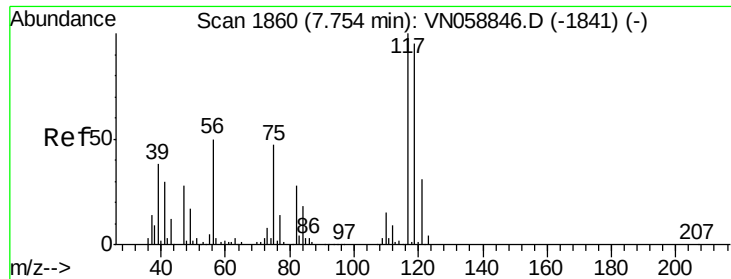
Tot Ion: 75 Resp: 30390
 Ion Ratio Lower Upper
 75 100
 110 7.4 16.3 48.9#
 77 0.0 24.6 36.8#



#37
 Ethyl Acetate
 Concen: 0.647 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. -0.08 min
 Lab File: VN059038.D
 Acq: 31 Oct 2019 14:39

Tgt Ion: 43 Resp: 4259
 Ion Ratio Lower Upper
 43 100
 61 1.4 10.5 15.7#
 70 0.0 7.6 11.4#





#38

Carbon Tetrachloride

Concen: 5.962 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.11 min

Lab File: VN059038.D

Acq: 31 Oct 2019 14:39

Instrument :

MSVOA_N

ClientSampleId :

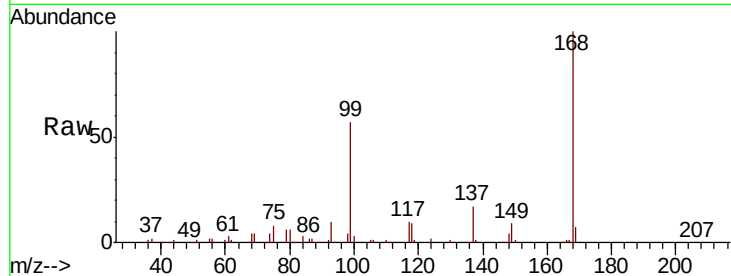
Tot Ion:117 Resp: 37087

Ion Ratio Lower Upper

117 100

119 5.6 75.7 113.5#

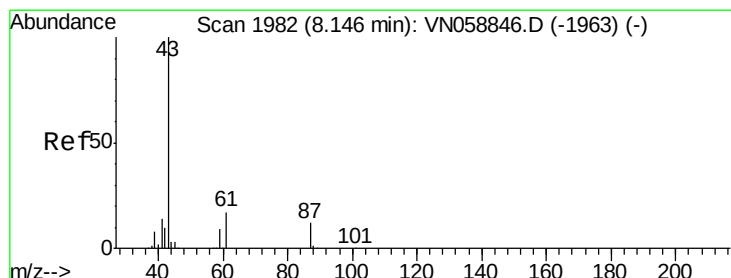
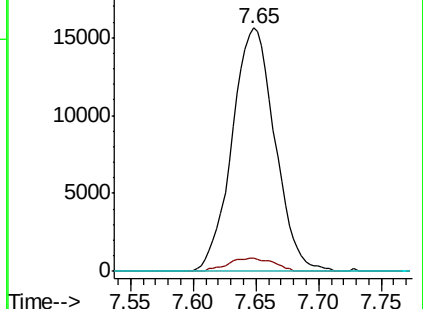
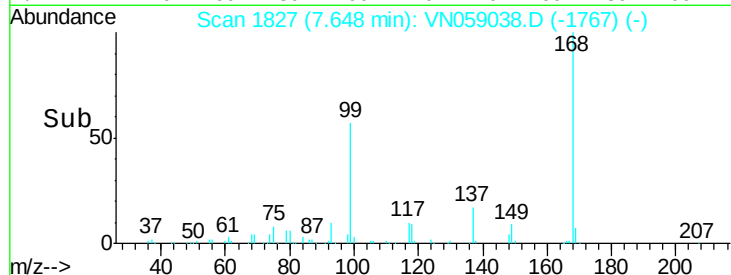
121 0.0 25.0 37.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 8.448 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VN059038.D

Acq: 31 Oct 2019 14:39

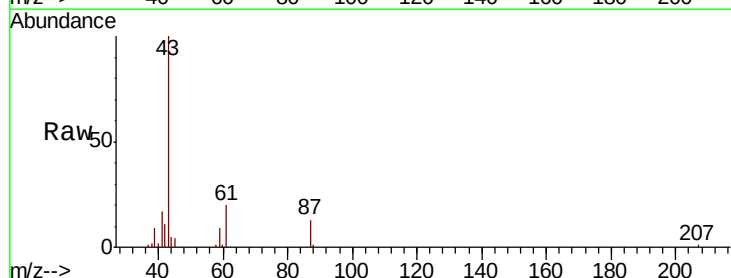
Tgt Ion: 43 Resp: 89141

Ion Ratio Lower Upper

43 100

61 18.5 20.2 30.2#

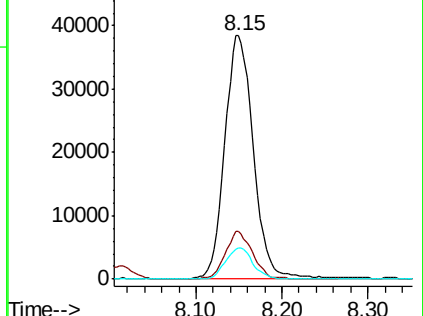
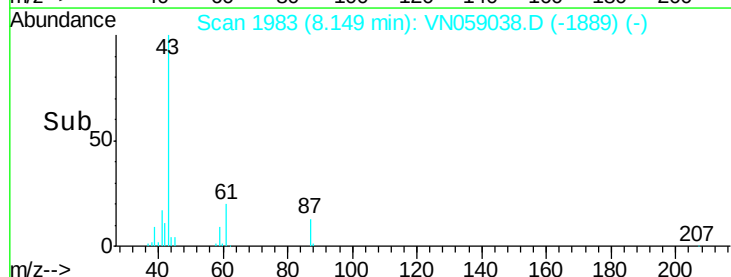
87 12.1 9.5 14.3

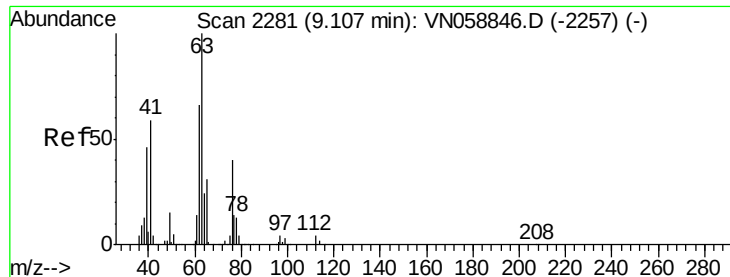


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#45

1,2-Dichloropropane

Concen: 0.376 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.15 min

Lab File: VN059038.D

Acq: 31 Oct 2019 14:39

Instrument :

MSVOA_N

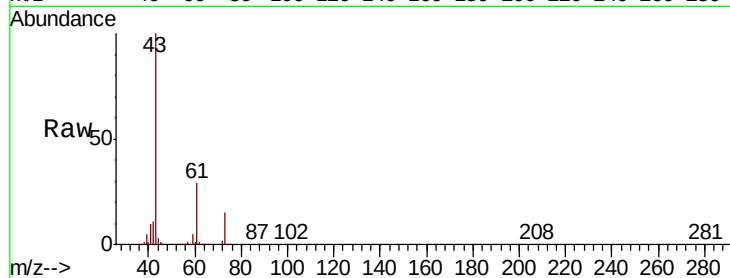
ClientSampleId :

Tot Ion: 63 Resp: 1826

Ion Ratio Lower Upper

63 100

65 0.0 24.5 36.7#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.26

1000

800

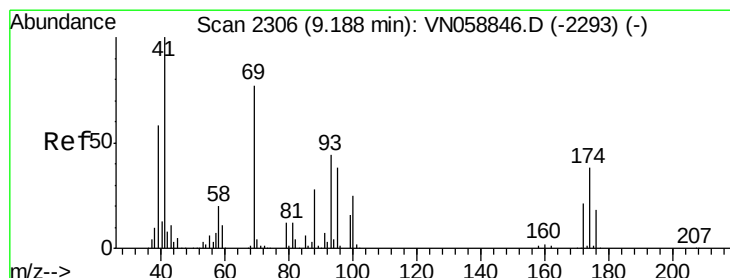
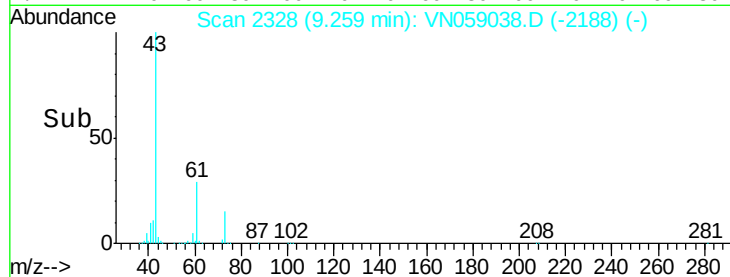
600

400

200

0

Time--> 9.20 9.25 9.30



#48

Methyl methacrylate

Concen: 1.235 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. -0.02 min

Lab File: VN059038.D

Acq: 31 Oct 2019 14:39

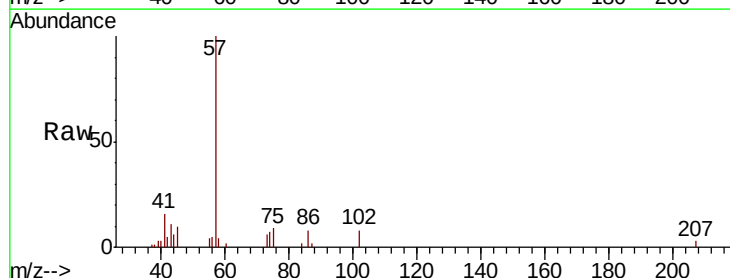
Tgt Ion: 41 Resp: 5912

Ion Ratio Lower Upper

41 100

69 0.0 63.8 95.6#

39 0.0 47.8 71.8#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

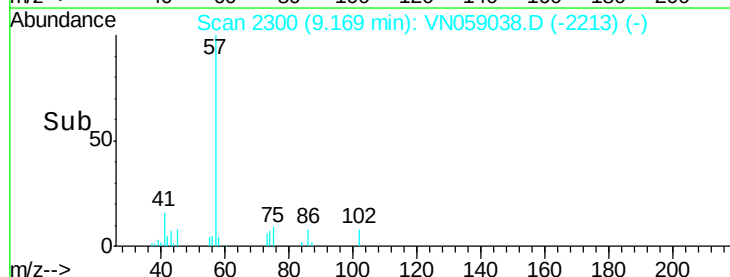
60000

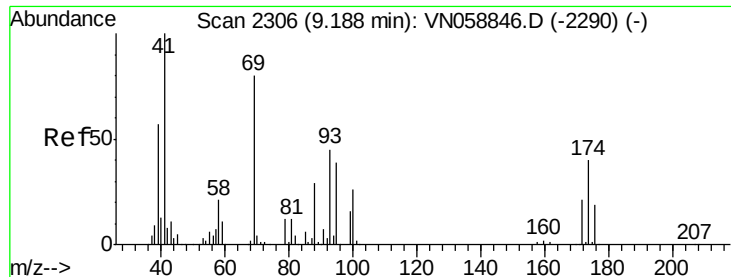
40000

20000

0

Time--> 9.10 9.15 9.20





#49

1,4-Dioxane

Concen: 0.802 ug/l

RT: 9.25 min Scan# 2326

Delta R.T. 0.06 min

Lab File: VN059038.D

Acq: 31 Oct 2019 14:39

Instrument :

MSVOA_N

ClientSampled :

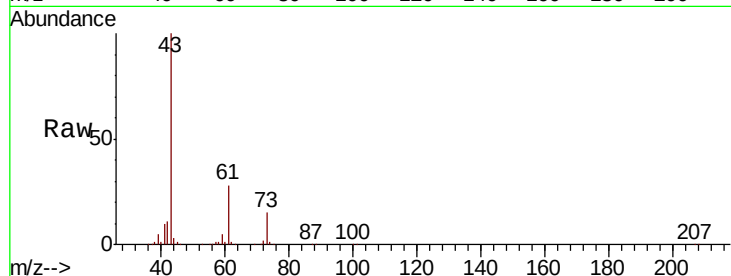
Tot Ion: 88 Resp: 63

Ion Ratio Lower Upper

88 100

43 2551671.4 29.1 43.7#

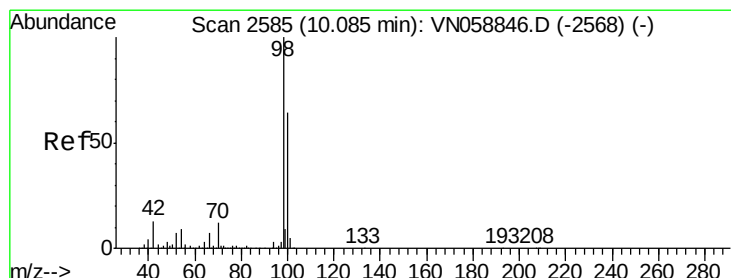
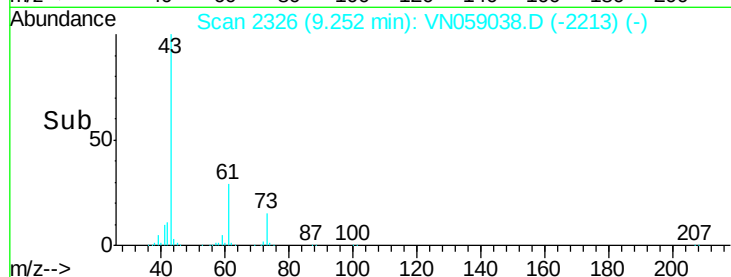
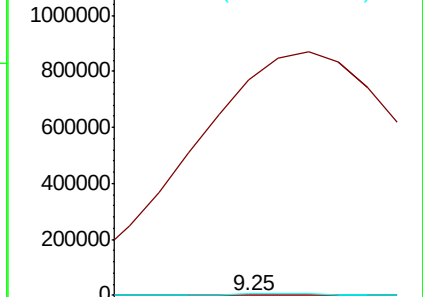
58 12609.5 59.4 89.0#



Abundance Ion 88.00 (87.70 to 88.70): VN059038.D (-2326) (-)

Ion 43.00 (42.70 to 43.70): VN059038.D (-2326) (-)

Ion 58.00 (57.70 to 58.70): VN059038.D (-2326) (-)



#50

Toluene-d8

Concen: 49.639 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN059038.D

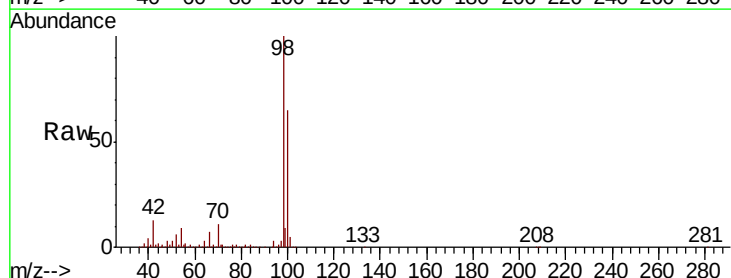
Acq: 31 Oct 2019 14:39

Tgt Ion: 98 Resp: 747199

Ion Ratio Lower Upper

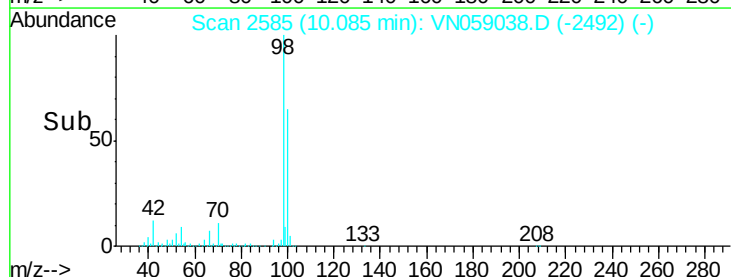
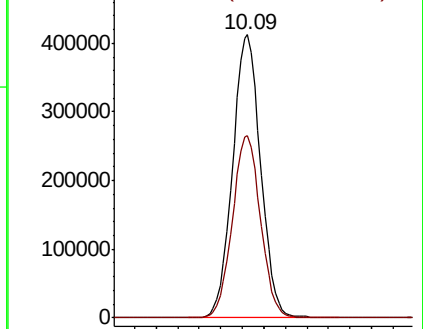
98 100

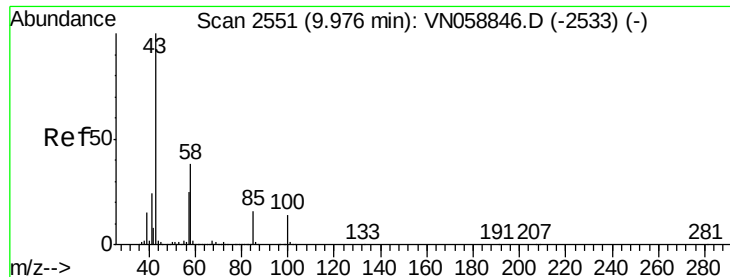
100 64.7 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN059038.D (-2585) (-)

Ion 100.00 (99.70 to 100.70): VN059038.D (-2585) (-)





#51

4-Methyl-2-Pentanone

Concen: 0.957 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN059038.D

Acq: 31 Oct 2019 14:39

Instrument :

MSVOA_N

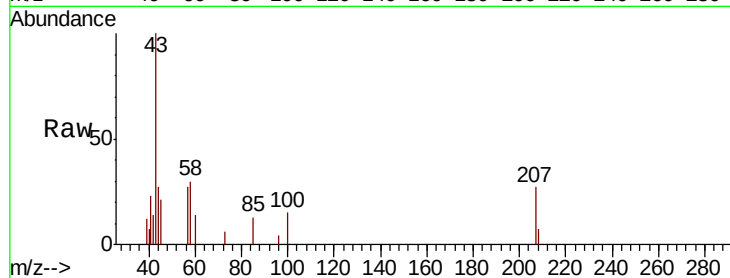
ClientSampleId :

Tot Ion: 43 Resp: 5898

Ion Ratio Lower Upper

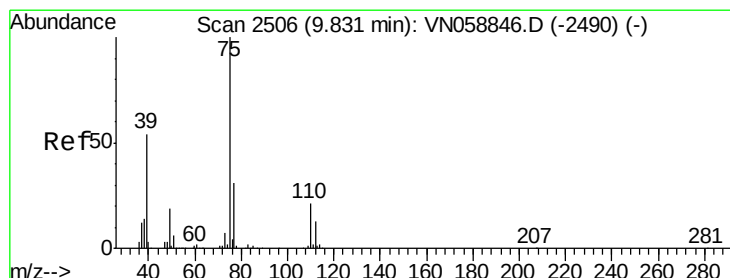
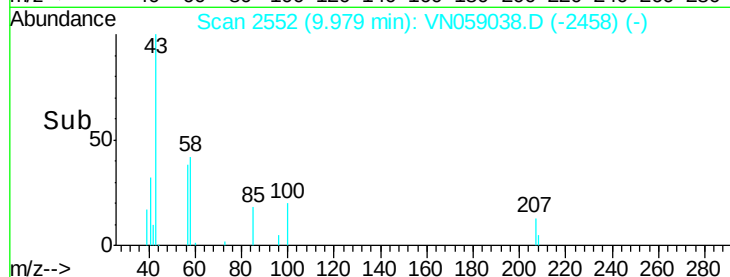
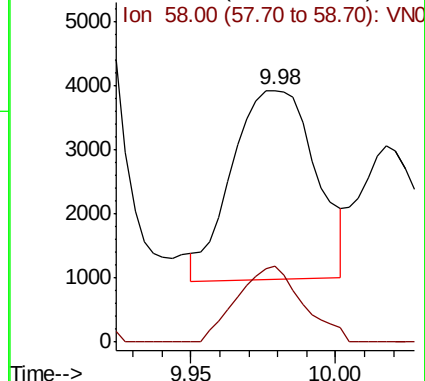
43 100

58 31.8 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN059038.D (-2458) (-)

Ion 58.00 (57.70 to 58.70): VN059038.D (-2458) (-)



#54

cis-1,3-Dichloropropene

Concen: 4.722 ug/l

RT: 9.90 min Scan# 2527

Delta R.T. 0.07 min

Lab File: VN059038.D

Acq: 31 Oct 2019 14:39

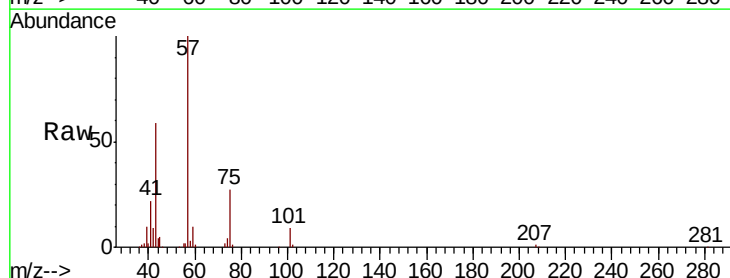
Tgt Ion: 75 Resp: 35381

Ion Ratio Lower Upper

75 100

77 0.0 24.7 37.1#

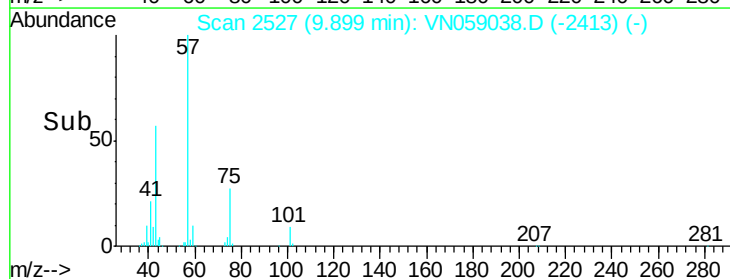
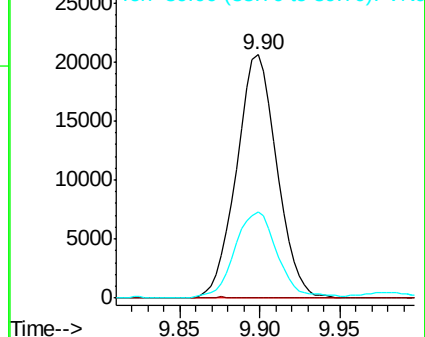
39 35.4 43.5 65.3#

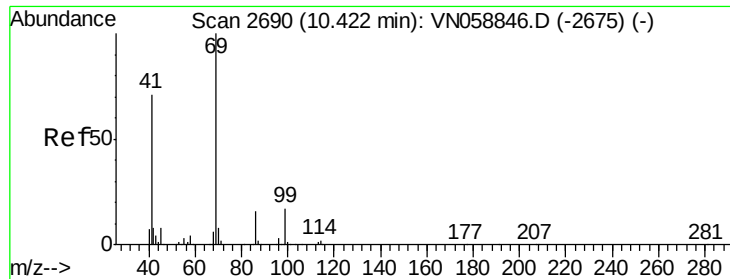


Abundance Ion 74.90 (74.60 to 75.60): VN059038.D (-2413) (-)

Ion 76.90 (76.60 to 77.60): VN059038.D (-2413) (-)

Ion 39.00 (38.70 to 39.70): VN059038.D (-2413) (-)





#56

Ethyl methacrylate

Concen: 2.331 ug/l

RT: 10.54 min Scan# 2726

Delta R.T. 0.12 min

Lab File: VN059038.D

Acq: 31 Oct 2019 14:39

Instrument :

MSVOA_N

ClientSampleId :

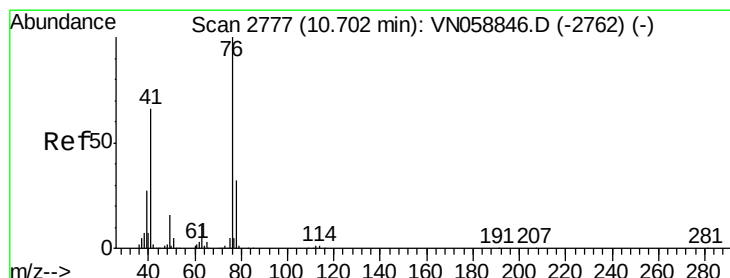
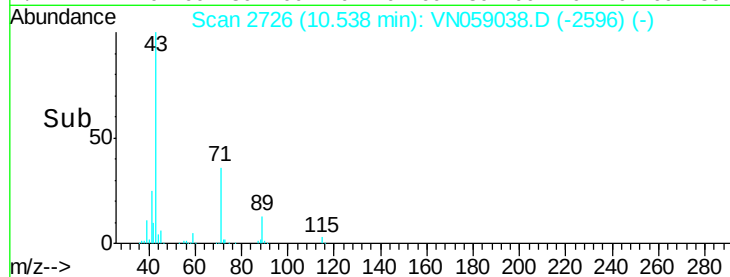
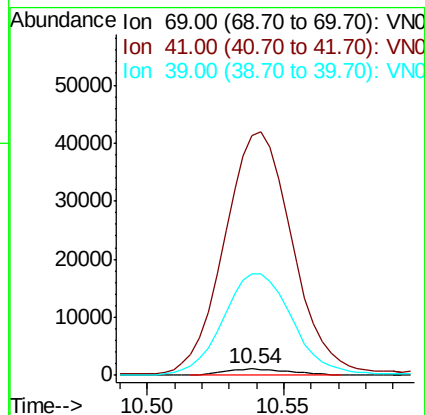
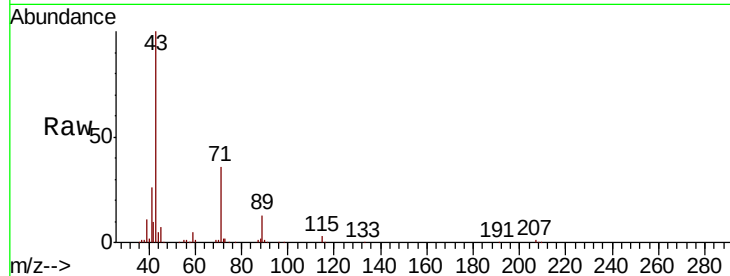
Tot Ion: 69 Resp: 1770

Ion Ratio Lower Upper

69 100

41 4157.1 57.2 85.8#

39 1762.5 31.0 46.4#



#57

1,3-Dichloropropane

Concen: 0.805 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN059038.D

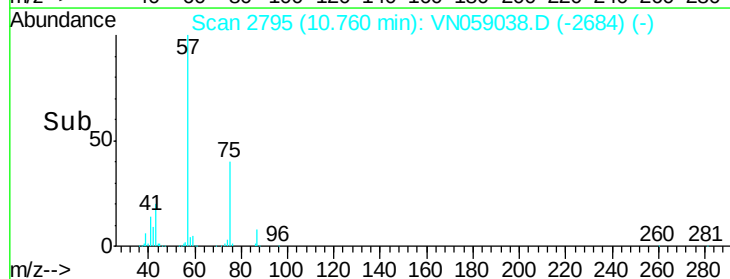
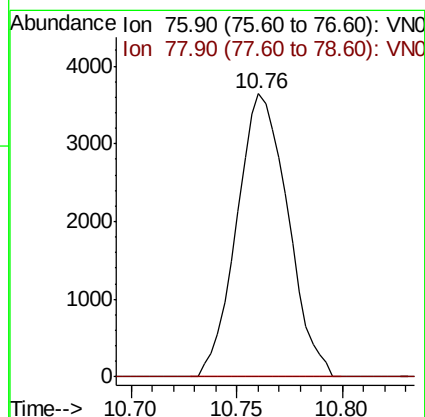
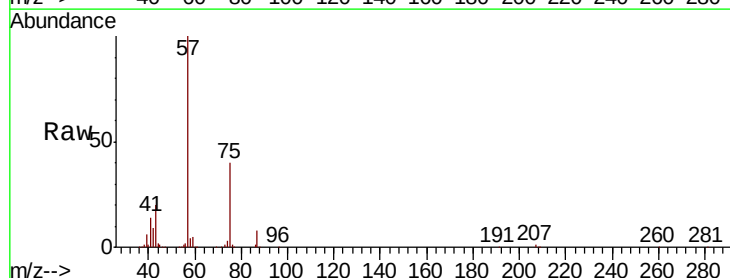
Acq: 31 Oct 2019 14:39

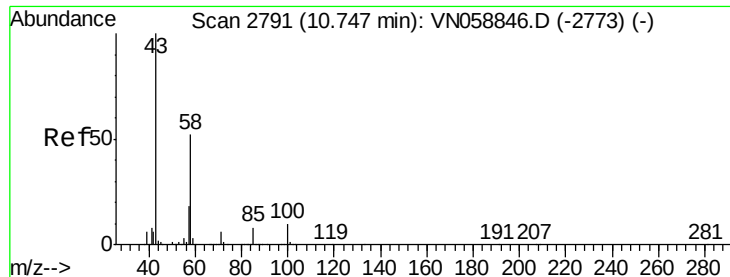
Tgt Ion: 76 Resp: 6120

Ion Ratio Lower Upper

76 100

78 0.0 25.4 38.0#

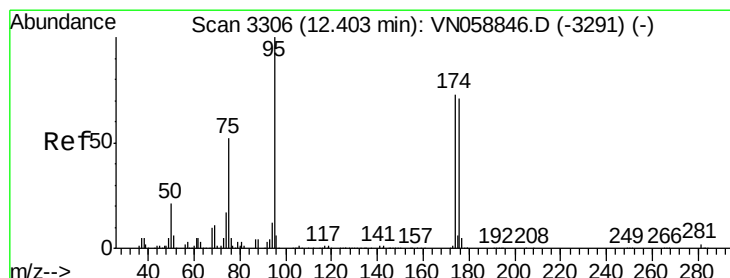
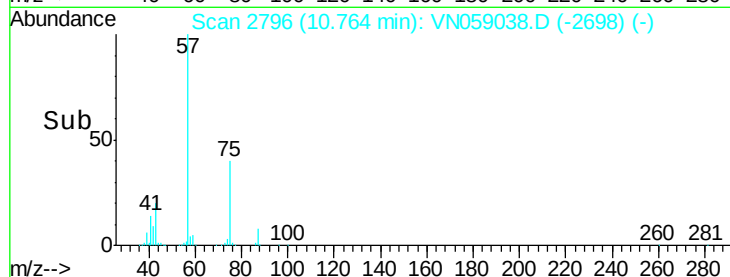
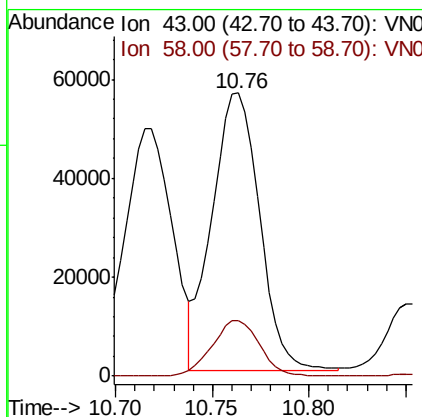
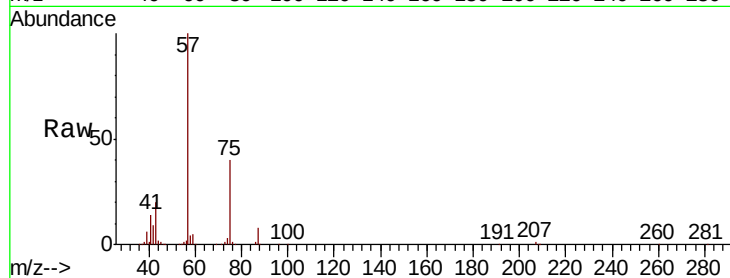




#59
2-Hexanone
Concen: 20.156 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.02 min
Lab File: VN059038.D
Acq: 31 Oct 2019 14:39

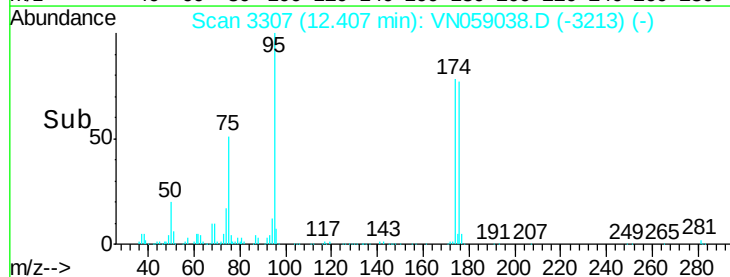
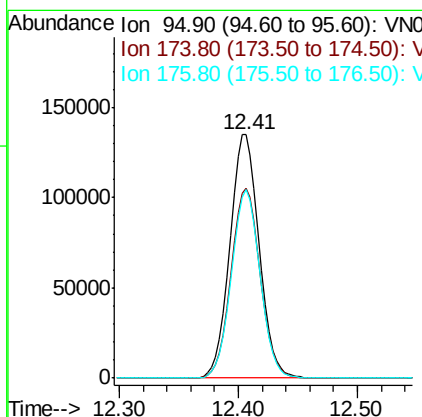
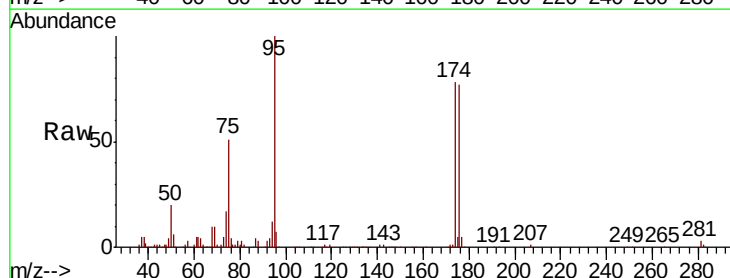
Instrument :
MSVOA_N
ClientSampled :

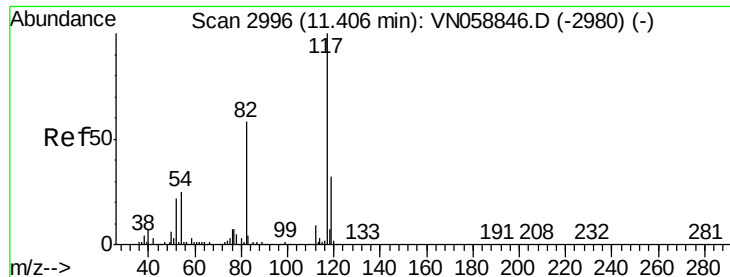
Tot Ion: 43 Resp: 95991
Ion Ratio Lower Upper
43 100
58 20.2 25.9 77.7#



#62
4-Bromofluorobenzene
Concen: 41.557 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN059038.D
Acq: 31 Oct 2019 14:39

Tgt Ion: 95 Resp: 229712
Ion Ratio Lower Upper
95 100
174 78.1 0.0 147.6
176 75.7 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: VN059038.D

Acq: 31 Oct 2019 14:39

Instrument :

MSVOA_N

ClientSampleId :

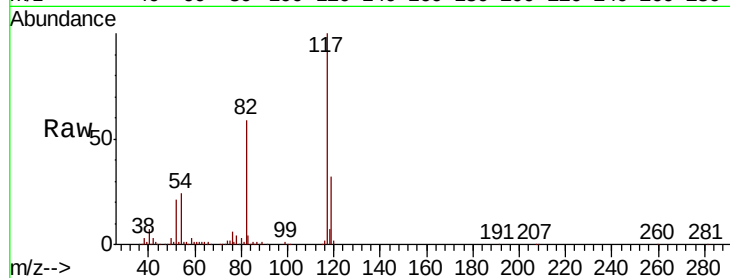
Tot Ion:117 Resp: 533621

Ion Ratio Lower Upper

117 100

82 58.9 46.6 69.8

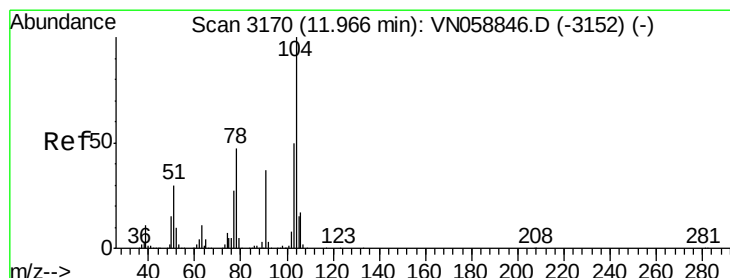
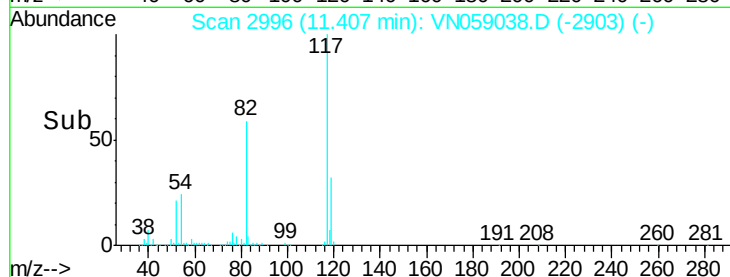
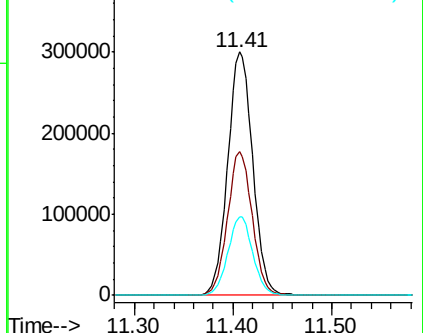
119 32.4 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#70

Styrene

Concen: 1.719 ug/l

RT: 11.97 min Scan# 3172

Delta R.T. 0.01 min

Lab File: VN059038.D

Acq: 31 Oct 2019 14:39

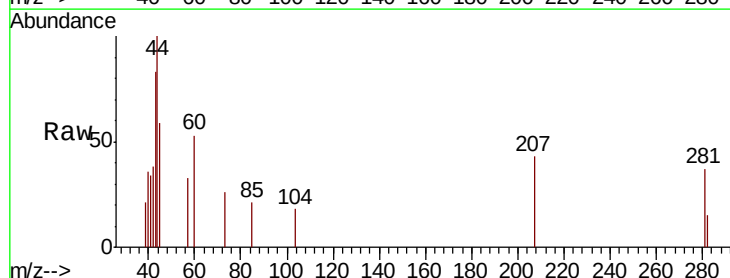
Tgt Ion:104 Resp: 71

Ion Ratio Lower Upper

104 100

78 0.0 42.8 64.2#

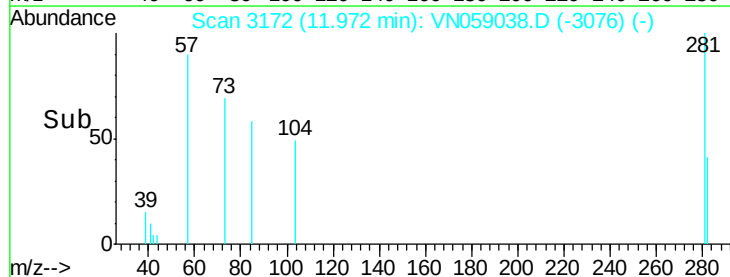
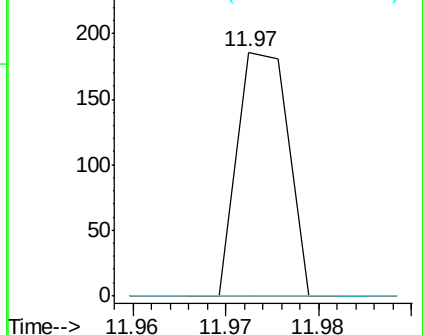
103 0.0 44.3 66.5#

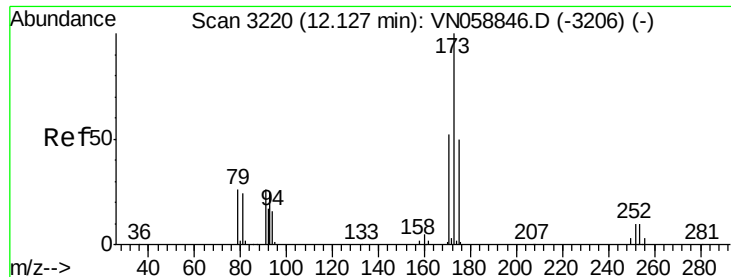


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 0.438 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN059038.D

Acq: 31 Oct 2019 14:39

Instrument :

MSVOA_N

ClientSampleId :

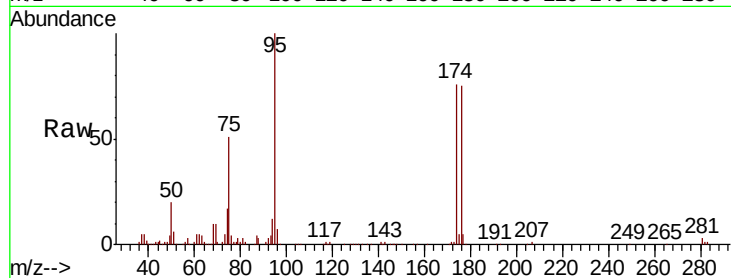
Tot Ion:173 Resp: 1391

Ion Ratio Lower Upper

173 100

175 715.0 24.7 74.1#

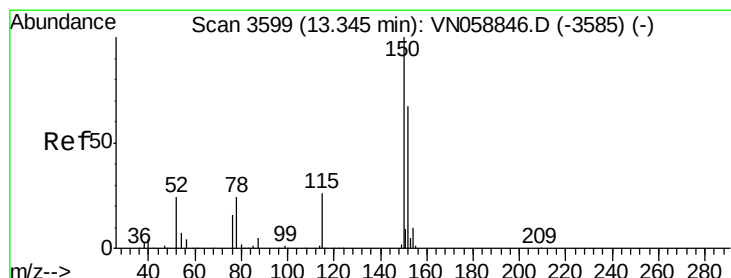
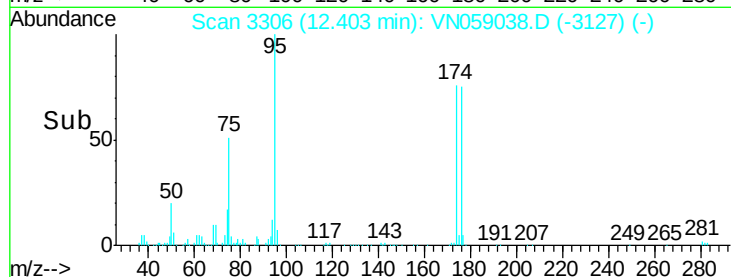
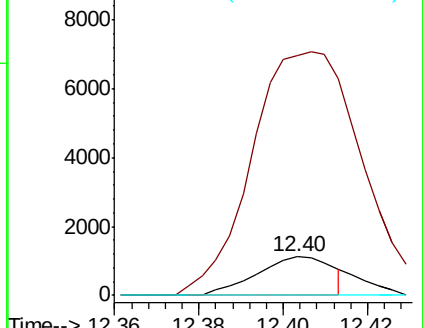
254 0.0 0.0 0.0



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: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN059038.D

Acq: 31 Oct 2019 14:39

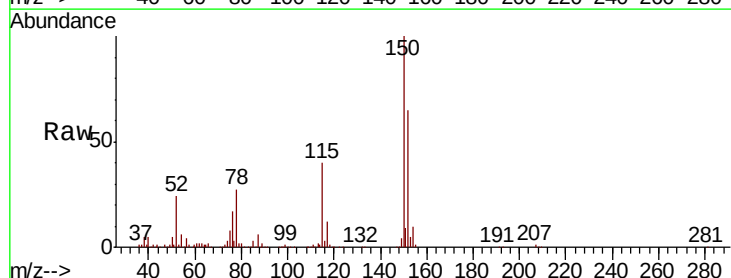
Tgt Ion:152 Resp: 182116

Ion Ratio Lower Upper

152 100

115 60.4 30.5 91.5

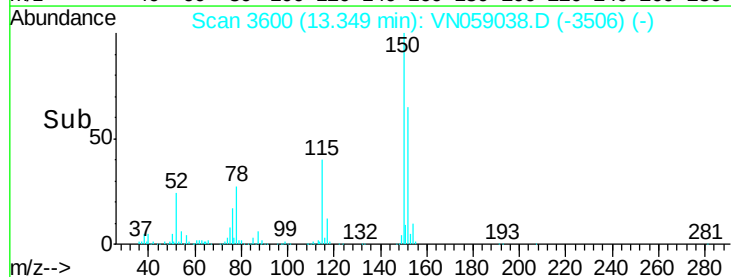
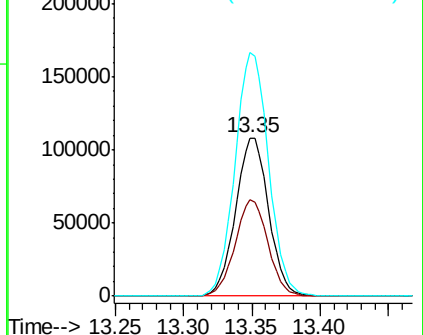
150 156.2 0.0 344.4

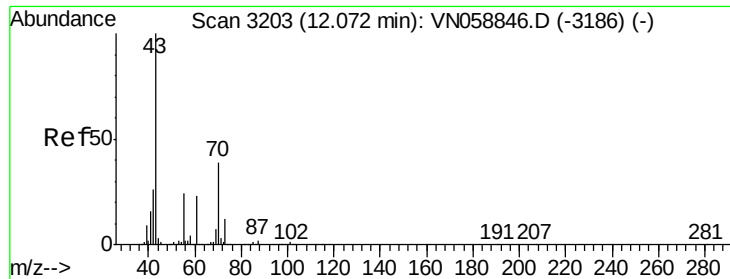


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

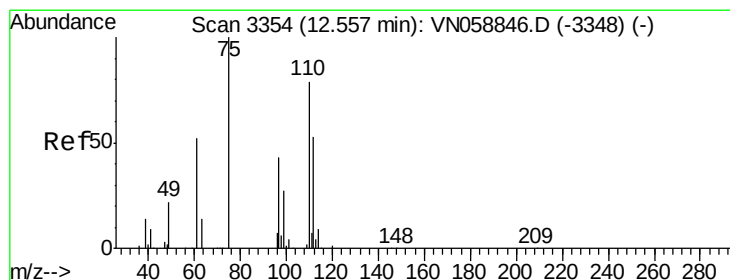
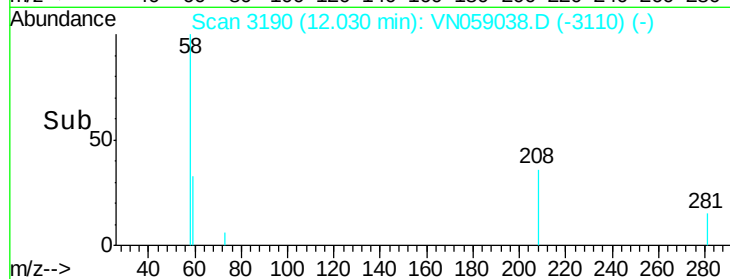
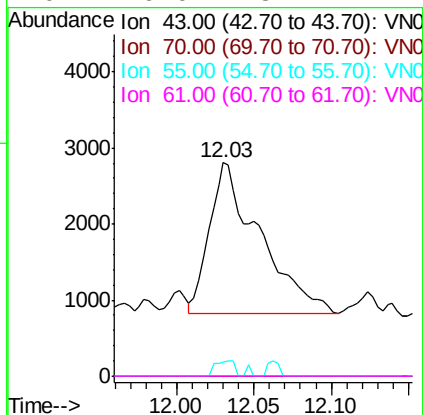
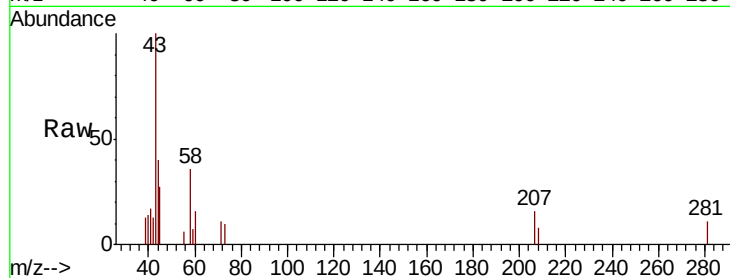




#74
N-amvl acetate
Concen: 0.746 ug/l
RT: 12.03 min Scan# 3190
Delta R.T. -0.04 min
Lab File: VN059038.D
Acq: 31 Oct 2019 14:39

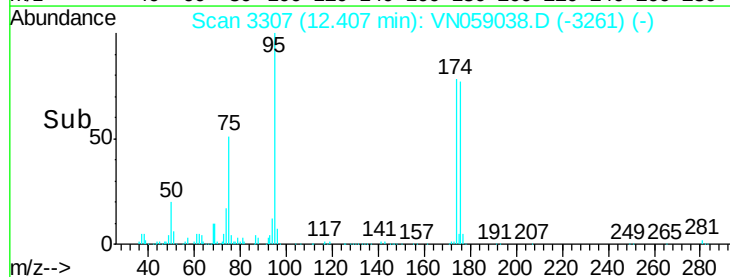
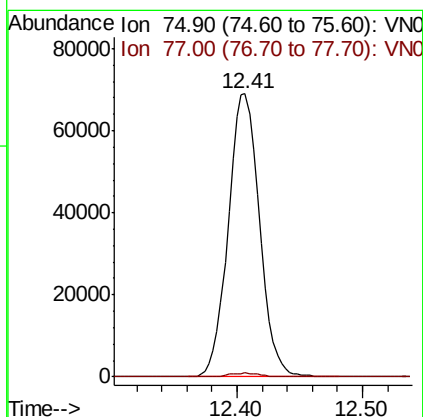
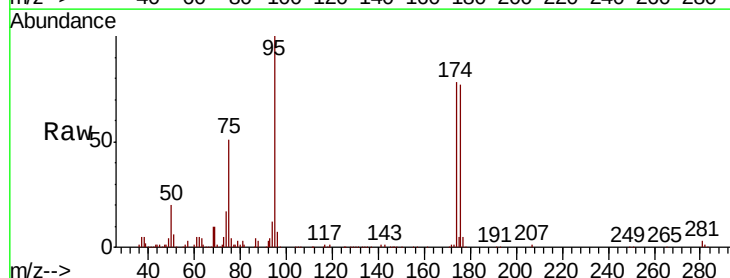
Instrument :
MSVOA_N
ClientSampleId :

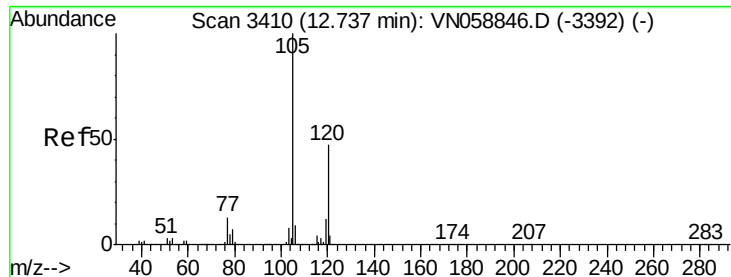
Tot Ion: 43 Resp: 4502
Ion Ratio Lower Upper
43 100
70 0.0 30.9 46.3#
55 4.0 19.7 29.5#
61 0.0 18.2 27.4#



#76
1,2,3-Trichloropropane
Concen: 28.271 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. -0.15 min
Lab File: VN059038.D
Acq: 31 Oct 2019 14:39

Tgt Ion: 75 Resp: 119326
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#80

1,3,5-Trimethylbenzene

Concen: 0.364 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN059038.D

Acq: 31 Oct 2019 14:39

Instrument :

MSVOA_N

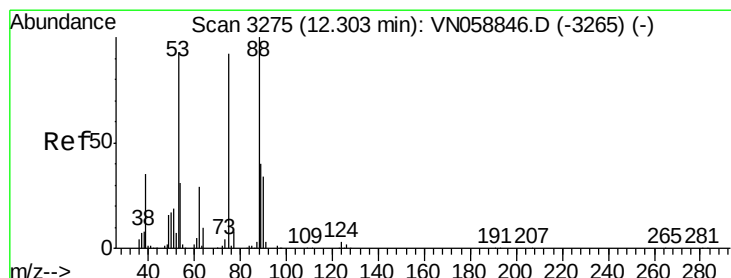
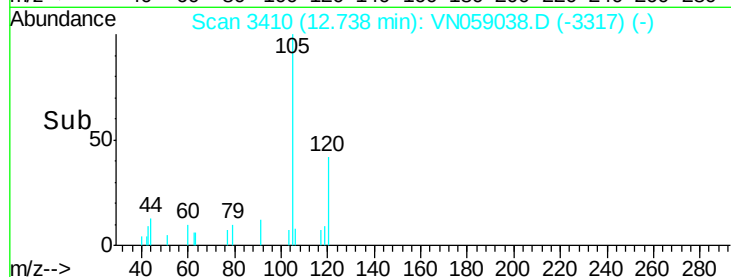
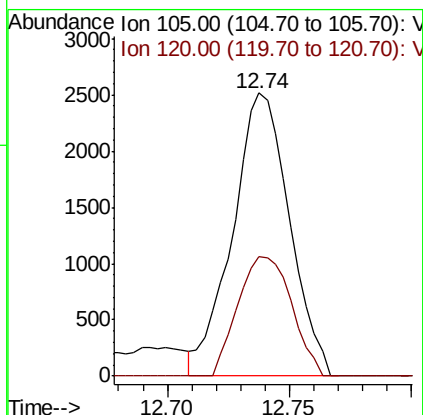
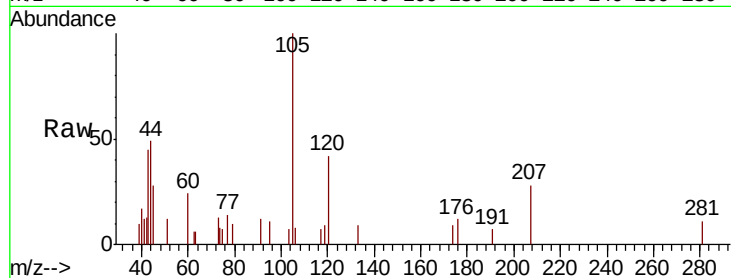
ClientSampled :

Tot Ion:105 Resp: 4066

Ion Ratio Lower Upper

105 100

120 39.8 23.8 71.5



#81

trans-1,4-Dichloro-2-butene

Concen: 73.649 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN059038.D

Acq: 31 Oct 2019 14:39

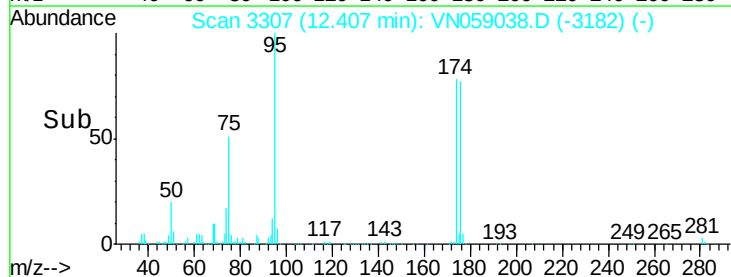
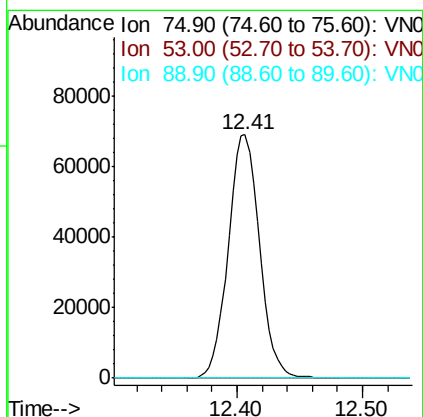
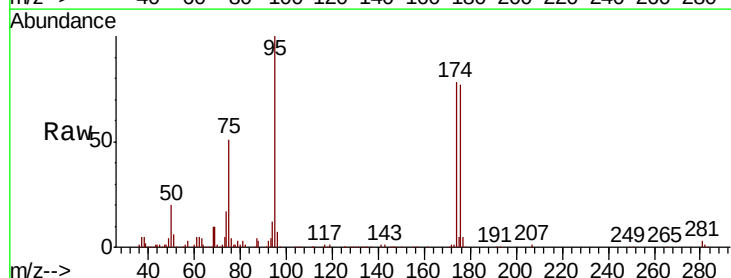
Tgt Ion: 75 Resp: 119326

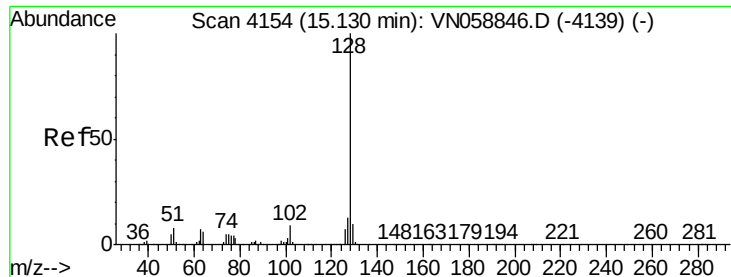
Ion Ratio Lower Upper

75 100

53 0.0 78.6 118.0#

89 0.0 35.4 53.0#





#95

Naphthalene

Concen: 2.478 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN059038.D

Acq: 31 Oct 2019 14:39

Instrument :

MSVOA_N

ClientSampleId :

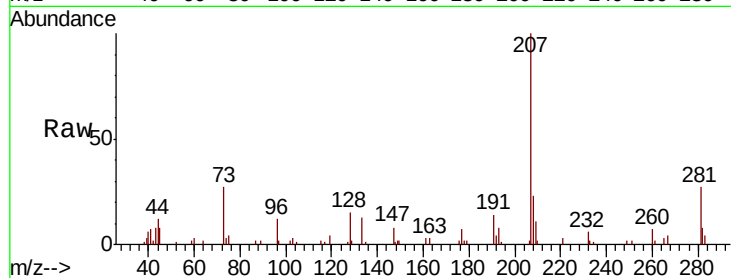
Tot Ion:128 Resp: 2756

Ion Ratio Lower Upper

128 100

127 3.4 10.2 15.2#

129 6.3 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

