

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092519\
 Data File : VN058366.D
 Acq On : 25 Sep 2019 14:49
 Operator : JC/SP
 Sample : K4657-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 26 01:11:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	461582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	771444	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	664505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	275522	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	338187	52.60	ug/l	0.00
Spiked Amount			Recovery	=	105.20%	
35) Dibromofluoromethane	7.58	113	239843	51.14	ug/l	0.00
Spiked Amount			Recovery	=	102.28%	
50) Toluene-d8	10.08	98	969345	53.05	ug/l	0.00
Spiked Amount			Recovery	=	106.10%	
62) 4-Bromofluorobenzene	12.41	95	316808	46.68	ug/l	0.00
Spiked Amount			Recovery	=	93.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	804	Below Cal	#	69
5) Bromomethane	2.55	94	126	0.796	ug/l #	43
6) Chloroethane	2.68	64	218	Below Cal	#	44
14) Allyl chloride	4.53	41	139967	22.923	ug/l #	23
16) Acetone	3.81	43	11142	5.106	ug/l	98
17) Carbon Disulfide	4.03	76	614	0.424	ug/l #	74
18) Methyl Acetate	4.31	43	2293	0.399	ug/l	95
20) Methylene Chloride	4.53	84	4004891	1052.670	ug/l	95
25) 2-Butanone	6.83	43	1030	0.346	ug/l	99
29) Tetrahydrofuran	7.21	42	875	0.478	ug/l #	50
30) Chloroform	7.36	83	5281	0.593	ug/l	99
31) Cyclohexane	7.65	56	11448	Below Cal	#	1
36) 1,1-Dichloropropene	7.65	75	39449	7.091	ug/l #	51
38) Carbon Tetrachloride	7.65	117	46500	8.315	ug/l #	15
41) Methacrylonitrile	7.19	41	230	0.989	ug/l #	100
43) Isopropyl Acetate	8.16	43	145431	13.488	ug/l #	82
45) 1,2-Dichloropropane	9.26	63	2094	0.413	ug/l #	45
47) Bromodichloromethane	9.39	83	1986	0.307	ug/l #	76
48) Methyl methacrylate	9.18	41	5466	1.116	ug/l #	14
49) 1,4-Dioxane	9.26	88	370	4.603	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	7483	1.307	ug/l	94
54) cis-1,3-Dichloropropene	9.90	75	45934	6.284	ug/l #	64
56) Ethyl methacrylate	10.54	69	2131	0.313	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	7590	0.934	ug/l #	43
59) 2-Hexanone	10.76	43	117078	27.525	ug/l #	52
67) Ethyl Benzene	11.51	91	4277	0.214	ug/l	98
68) m/p-Xylenes	11.62	106	4974	0.659	ug/l	86
69) o-Xylene	11.95	106	4093	0.552	ug/l	99
71) Bromoform	12.40	173	1162	3.938	ug/l #	1
74) N-amyl acetate	12.04	43	4829	0.669	ug/l #	48
76) 1,2,3-Trichloropropane	12.41	75	177172	35.930	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	10582	0.726	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.41	75	177172	100.356	ug/l #	5
84) 1,2,4-Trimethylbenzene	13.05	105	19058	1.313	ug/l	99

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ClientSampleId :

Quant Time: Sep 26 01:11:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration

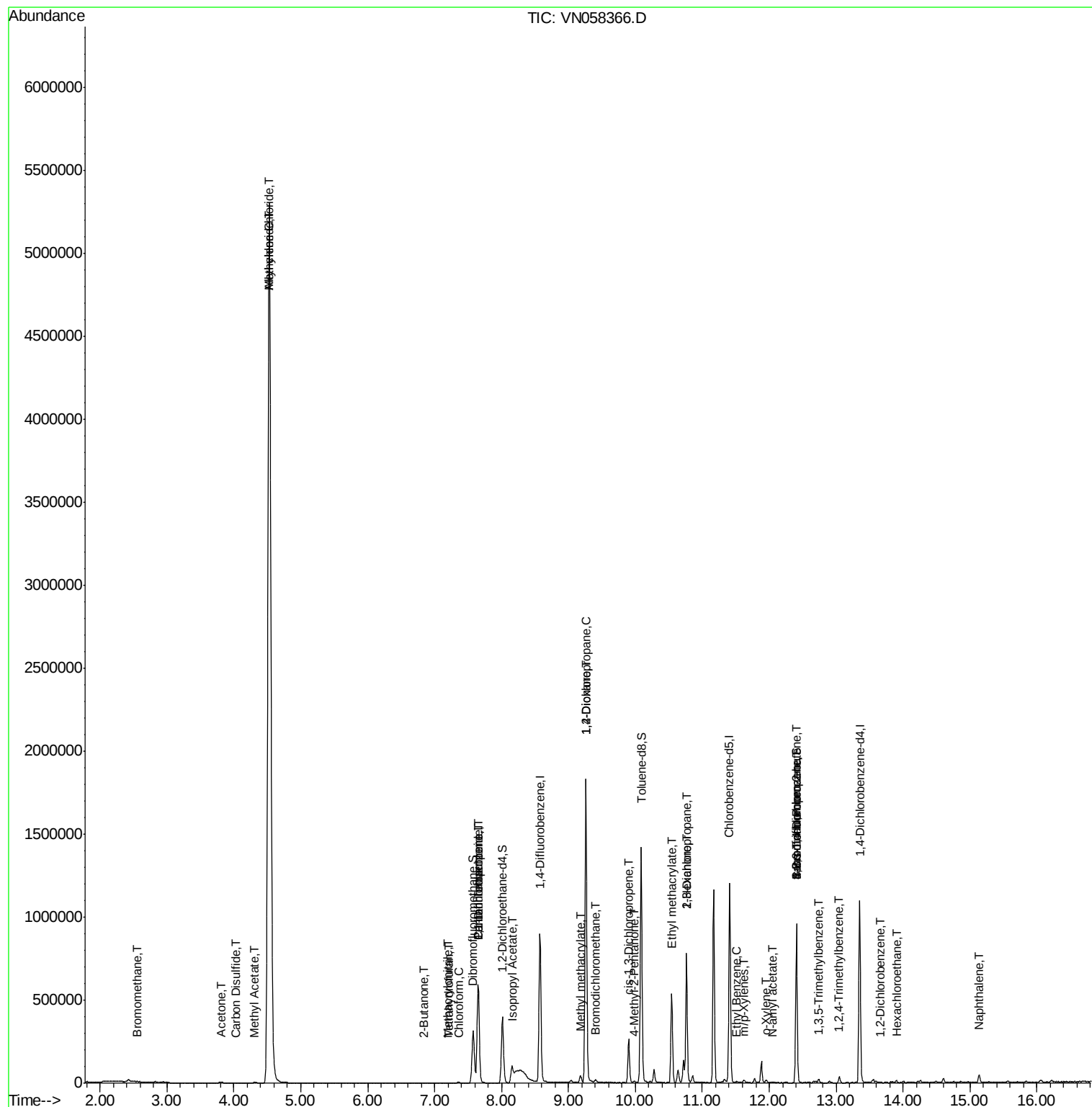
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.90	117	779	3.100	ug/l #	12
91) 1,2-Dichlorobenzene	13.66	146	2258	0.284	ug/l	97
95) Naphthalene	15.14	128	39948	3.035	ug/l	99

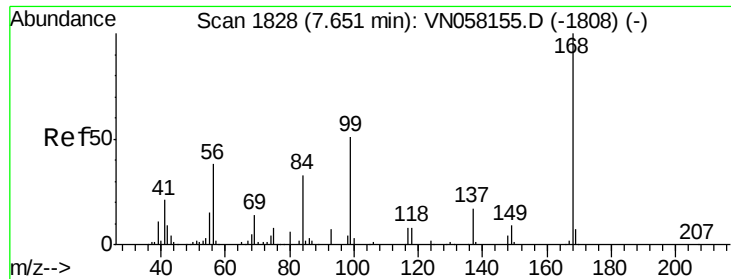
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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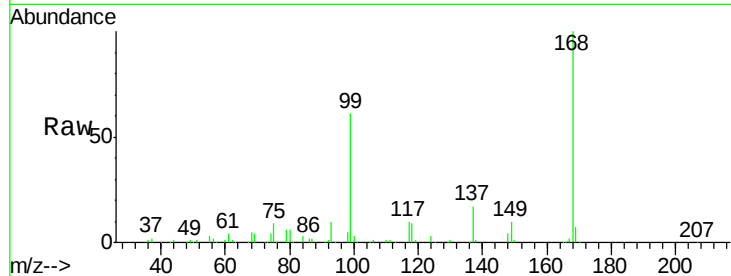




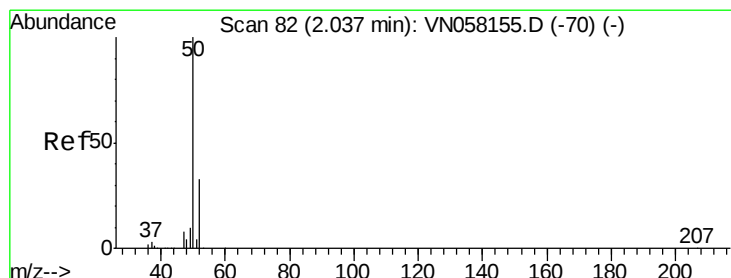
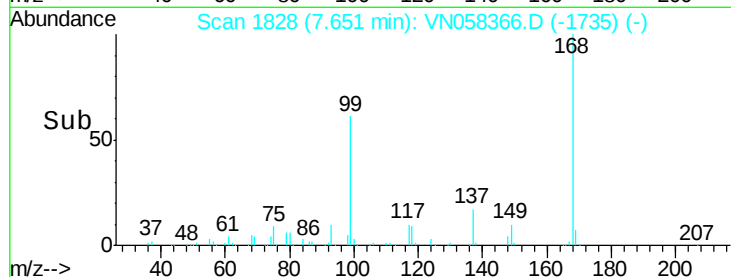
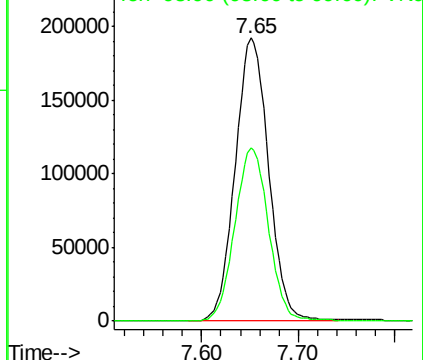
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.00 min
Lab File: VN058366.D
Acq: 25 Sep 2019 14:49

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 461582
Ion Ratio Lower Upper
168 100
99 61.2 47.4 71.2

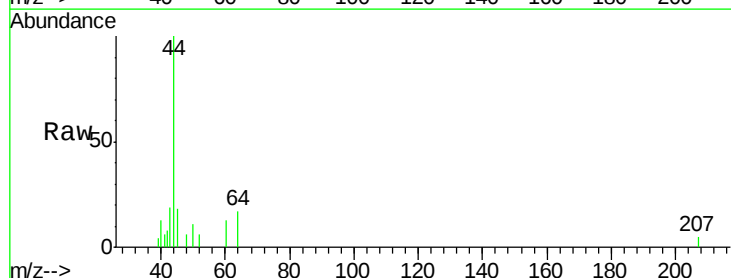


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VNO

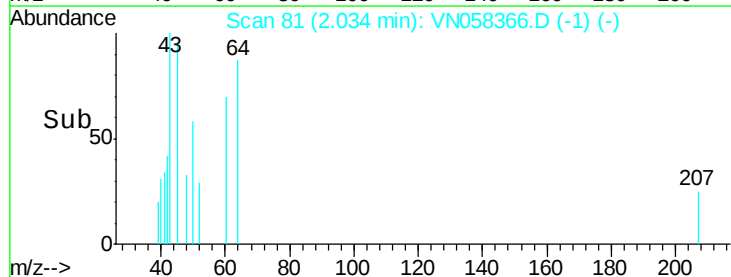
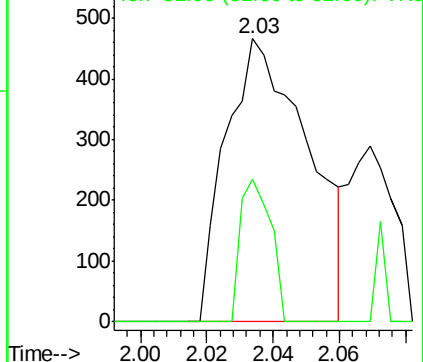


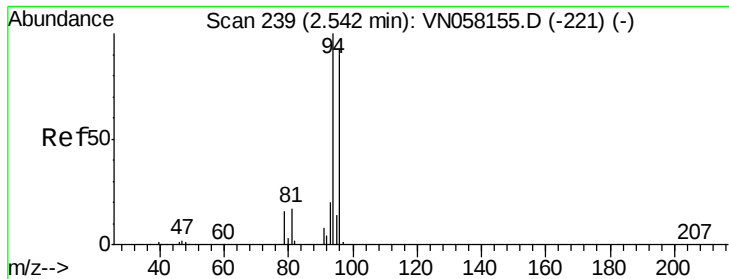
#3
Chloromethane
Concen: Below Cal
RT: 2.03 min Scan# 81
Delta R.T. -0.00 min
Lab File: VN058366.D
Acq: 25 Sep 2019 14:49

Tgt Ion: 50 Resp: 804
Ion Ratio Lower Upper
50 100
52 50.2 26.3 39.5#



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO





#5

Bromomethane

Concen: 0.796 ug/l

RT: 2.55 min Scan# 242

Delta R.T. 0.01 min

Lab File: VN058366.D

Acq: 25 Sep 2019 14:49

Instrument :

MSVOA_N

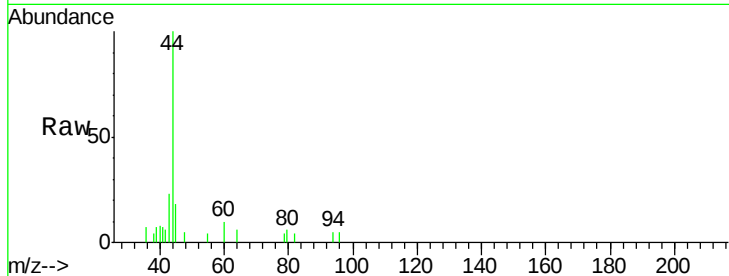
ClientSampled :

Tot Ion: 94 Resp: 126

Ion Ratio Lower Upper

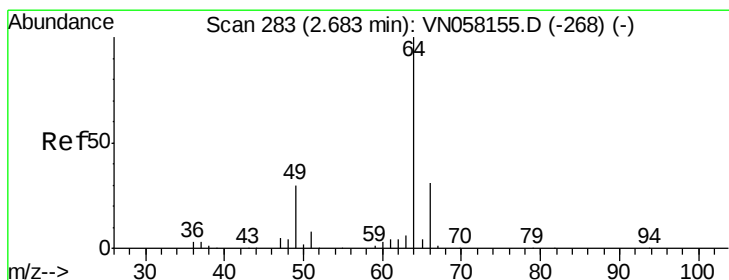
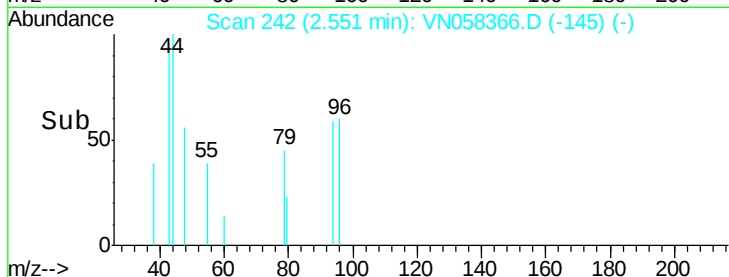
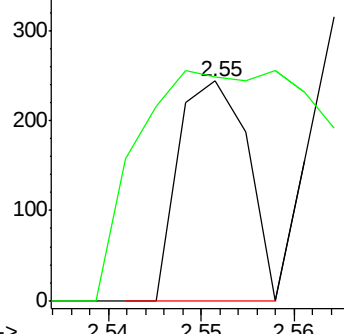
94 100

96 37.7 73.3 109.9#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: Below Cal

RT: 2.68 min Scan# 282

Delta R.T. -0.00 min

Lab File: VN058366.D

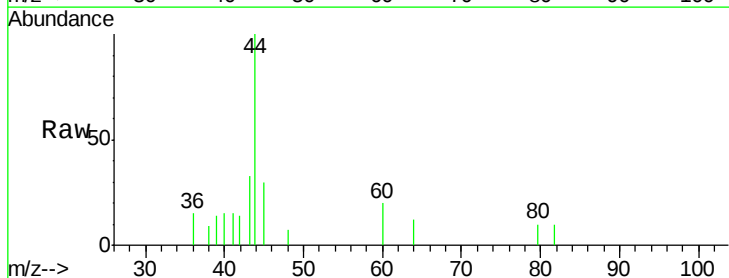
Acq: 25 Sep 2019 14:49

Tgt Ion: 64 Resp: 218

Ion Ratio Lower Upper

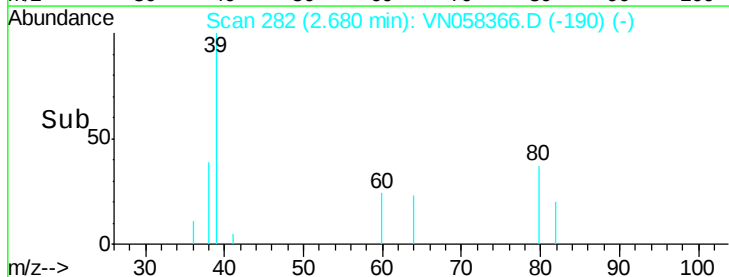
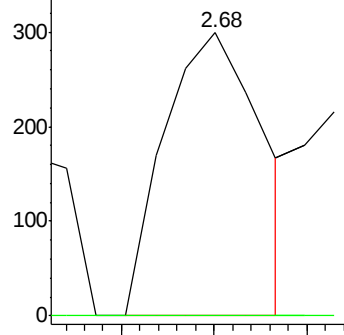
64 100

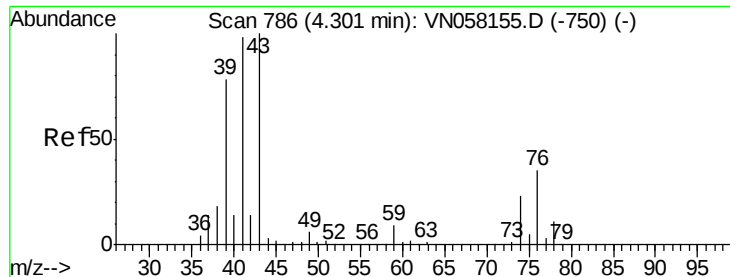
66 0.0 24.6 37.0#



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO

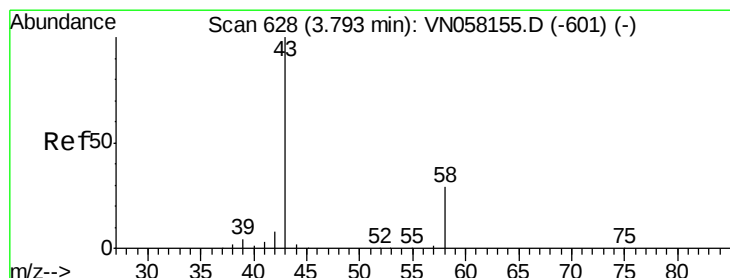
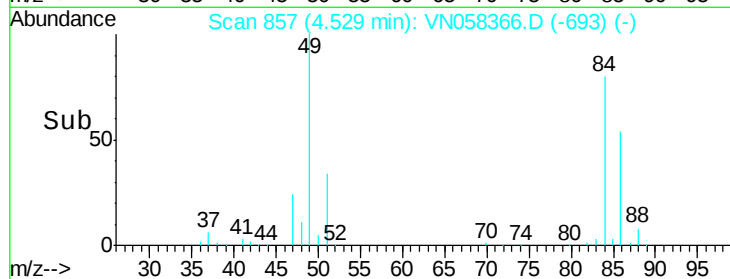
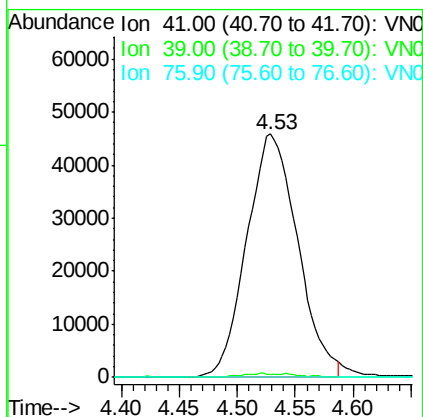
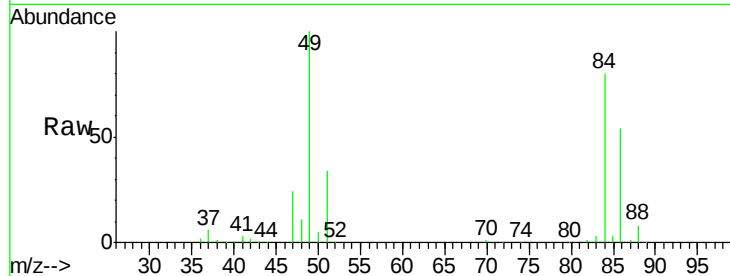




#14
Allvl chloride
Concen: 22.923 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.23 min
Lab File: VN058366.D
Acq: 25 Sep 2019 14:49

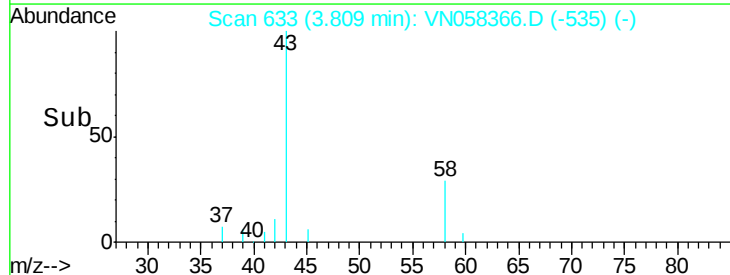
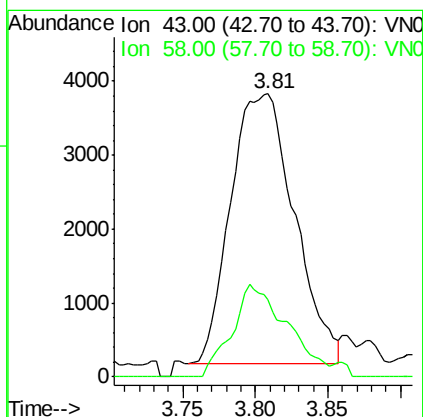
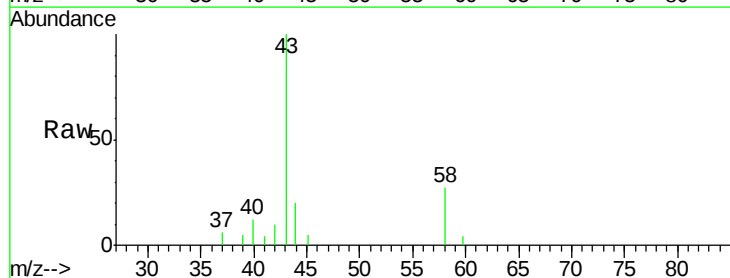
Instrument :
MSVOA_N
ClientSampled :

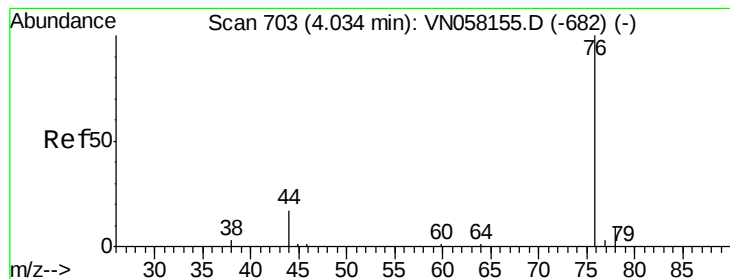
Tot Ion: 41 Resp: 139967
Ion Ratio Lower Upper
41 100
39 1.0 59.1 88.7#
76 0.0 25.1 37.7#



#16
Acetone
Concen: 5.106 ug/l
RT: 3.81 min Scan# 633
Delta R.T. 0.02 min
Lab File: VN058366.D
Acq: 25 Sep 2019 14:49

Tgt Ion: 43 Resp: 11142
Ion Ratio Lower Upper
43 100
58 28.4 23.4 35.2





#17

Carbon Disulfide

Concen: 0.424 ug/l

RT: 4.03 min Scan# 702

Delta R.T. -0.00 min

Lab File: VN058366.D

Acq: 25 Sep 2019 14:49

Instrument :

MSVOA_N

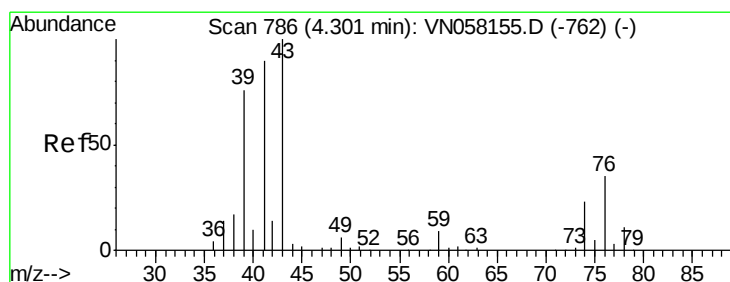
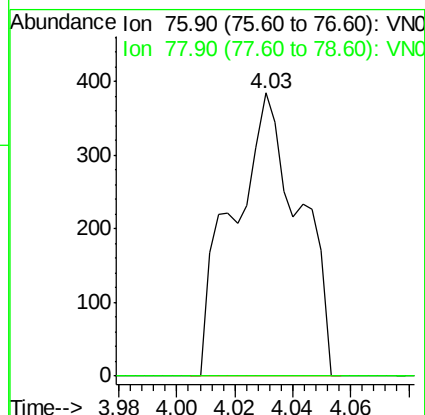
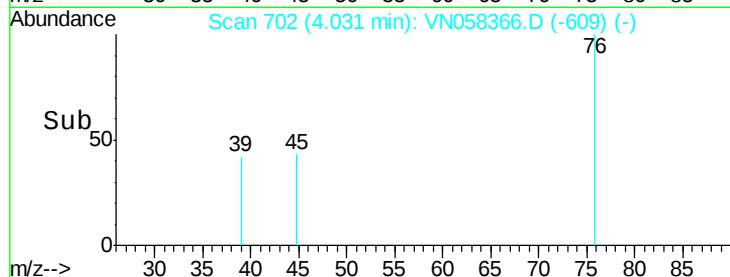
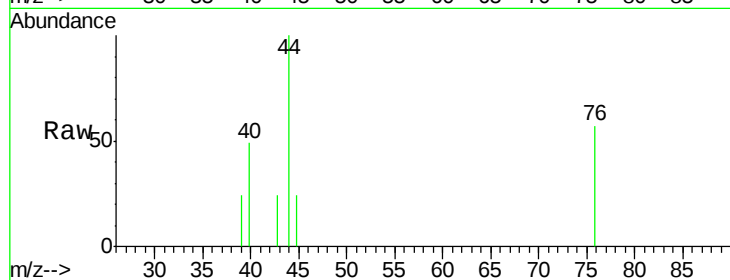
ClientSampleId :

Tot Ion: 76 Resp: 614

Ion Ratio Lower Upper

76 100

78 0.0 7.7 11.5#



#18

Methyl Acetate

Concen: 0.399 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.01 min

Lab File: VN058366.D

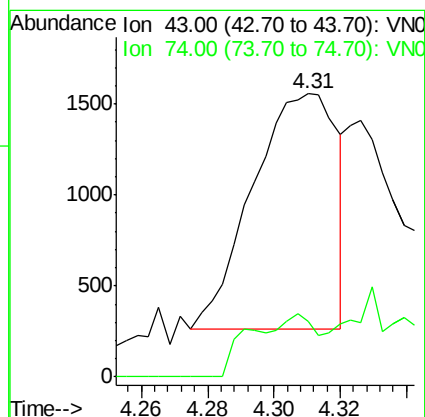
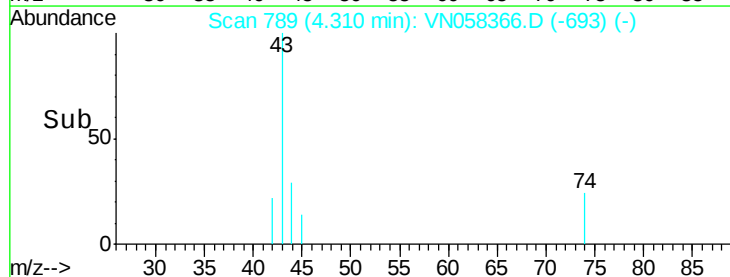
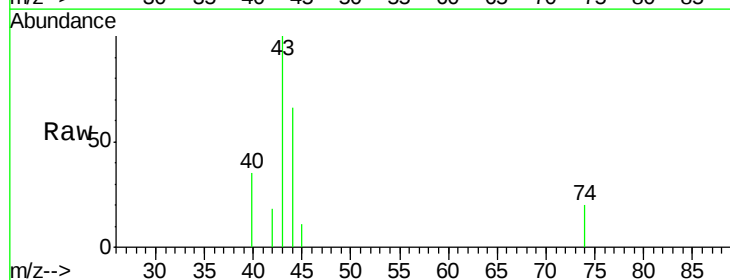
Acq: 25 Sep 2019 14:49

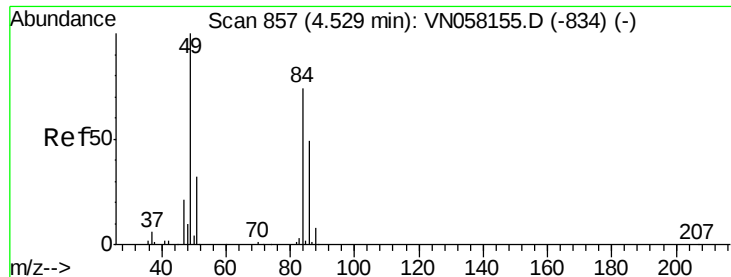
Tgt Ion: 43 Resp: 2293

Ion Ratio Lower Upper

43 100

74 20.2 18.0 27.0

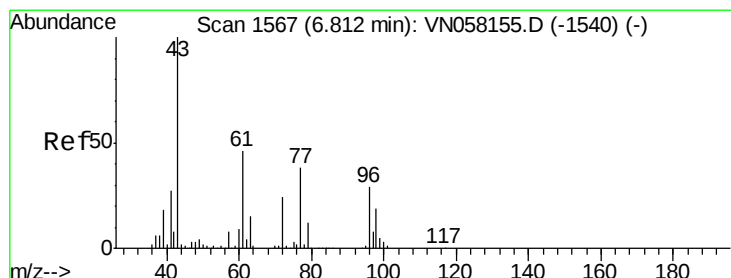
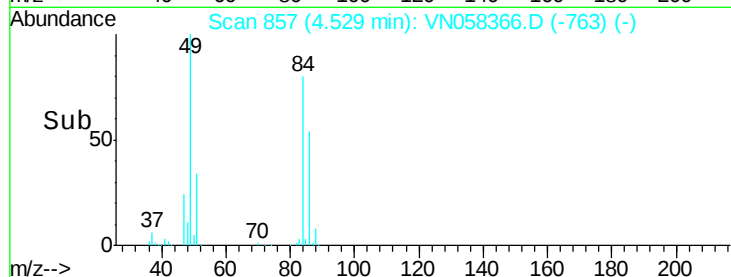
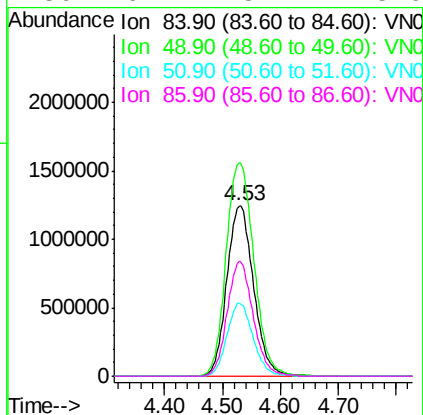
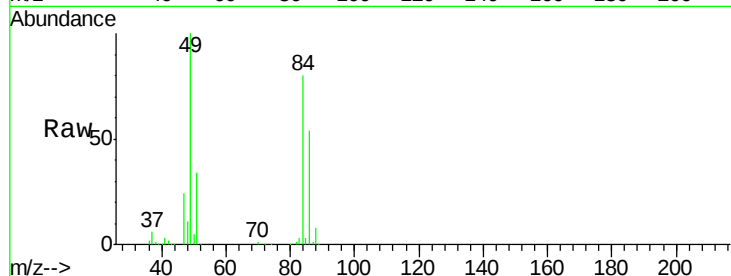




#20
Methvlene Chloride
Concen: 1052.670 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058366.D
Acq: 25 Sep 2019 14:49

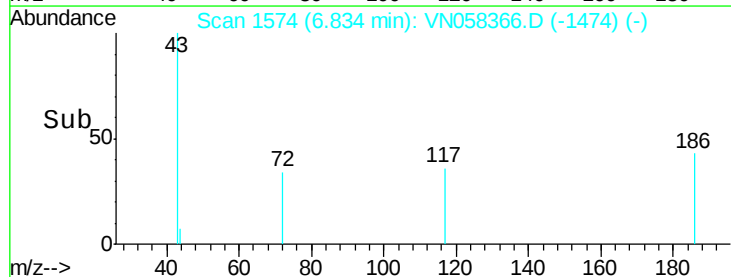
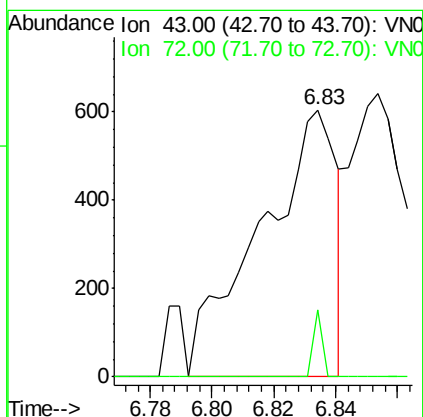
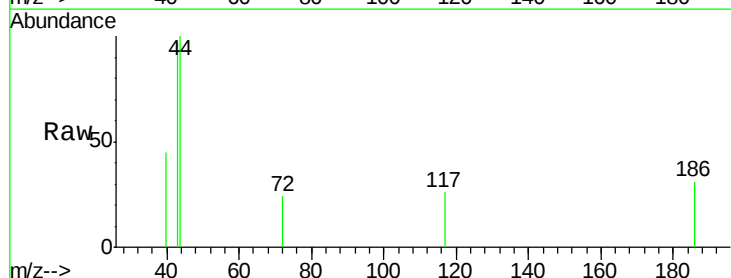
Instrument :
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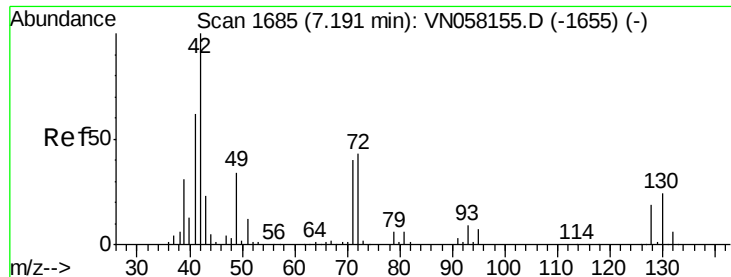
Tot Ion: 84 Resp: 4004891
Ion Ratio Lower Upper
84 100
49 125.1 107.5 161.3
51 42.9 33.9 50.9
86 67.1 52.4 78.6



#25
2-Butanone
Concen: 0.346 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.02 min
Lab File: VN058366.D
Acq: 25 Sep 2019 14:49

Tgt Ion: 43 Resp: 1030
Ion Ratio Lower Upper
43 100
72 25.0 19.5 29.3

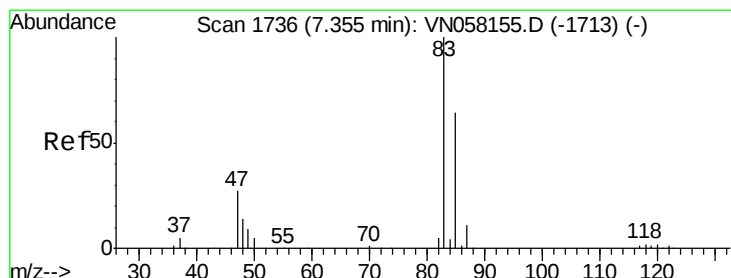
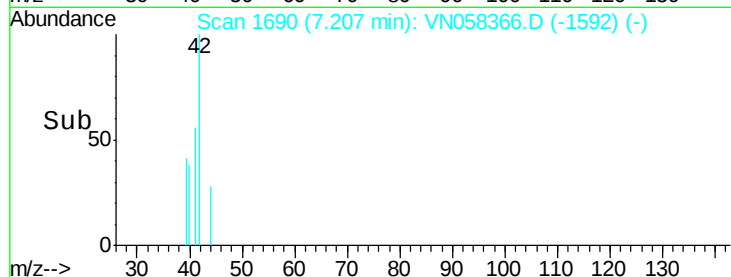
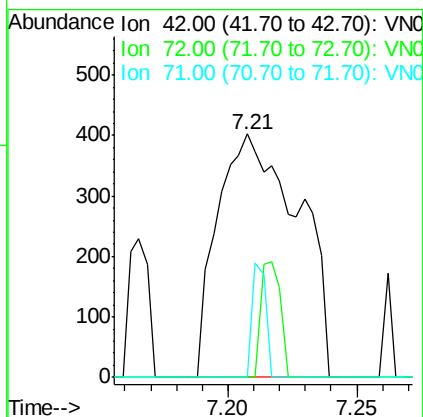
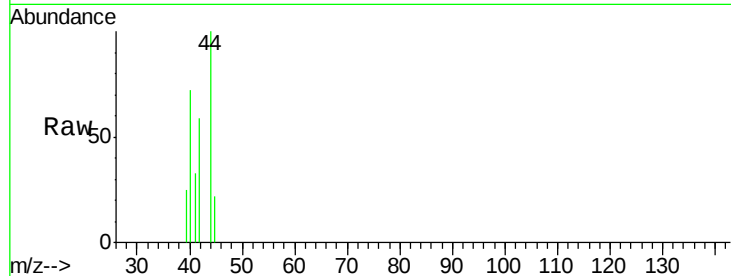




#29
Tetrahydrofuran
Concen: 0.478 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. 0.02 min
Lab File: VN058366.D
Acq: 25 Sep 2019 14:49

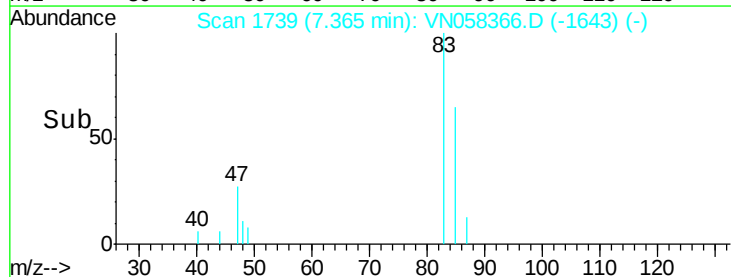
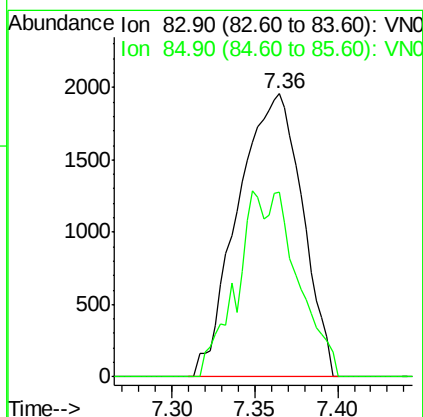
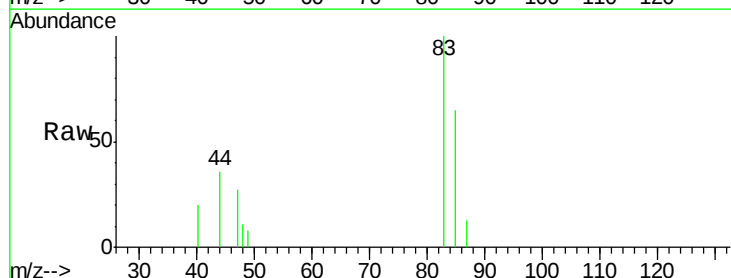
Instrument :
MSVOA_N
ClientSampled :

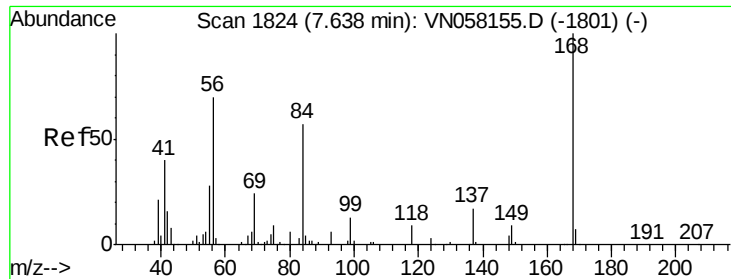
Tot Ion: 42 Resp: 875
Ion Ratio Lower Upper
42 100
72 11.7 33.8 50.6#
71 8.0 31.4 47.0#



#30
Chloroform
Concen: 0.593 ug/l
RT: 7.36 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VN058366.D
Acq: 25 Sep 2019 14:49

Tgt Ion: 83 Resp: 5281
Ion Ratio Lower Upper
83 100
85 65.2 51.4 77.2





#31

Cyclohexane

Concen: Below Cal

RT: 7.65 min Scan# 1828

Delta R.T. 0.01 min

Lab File: VN058366.D

Acq: 25 Sep 2019 14:49

Instrument :
MSVOA_N
ClientSampled :

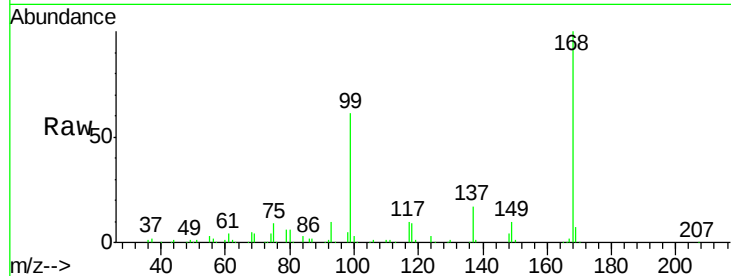
Tot Ion: 56 Resp: 11448

Ion Ratio Lower Upper

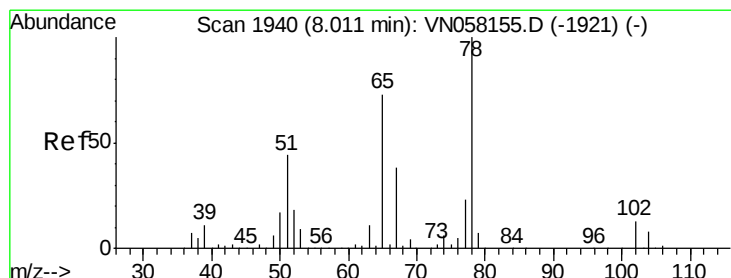
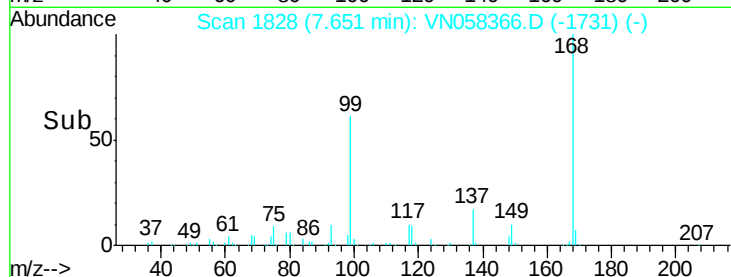
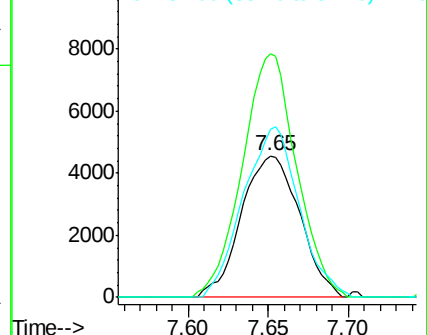
56 100

69 171.7 27.3 40.9#

84 118.7 65.0 97.4#



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



#33

1,2-Dichloroethane-d4

Concen: 52.604 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058366.D

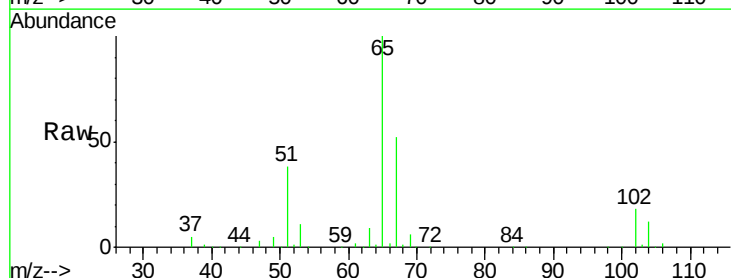
Acq: 25 Sep 2019 14:49

Tgt Ion: 65 Resp: 338187

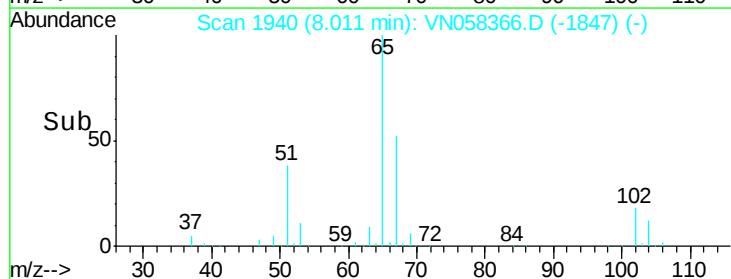
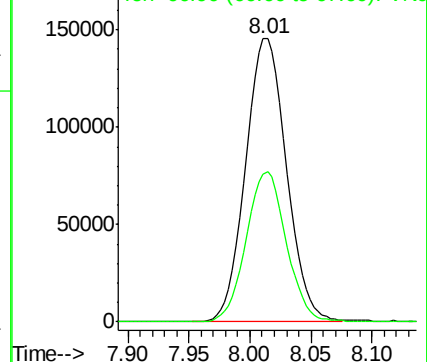
Ion Ratio Lower Upper

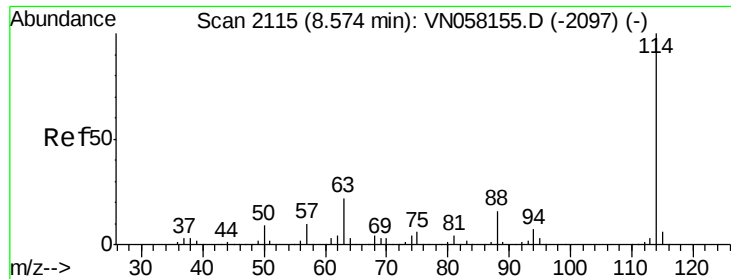
65 100

67 51.8 0.0 103.4



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN058366.D

Acq: 25 Sep 2019 14:49

Instrument :

MSVOA_N

ClientSampleId :

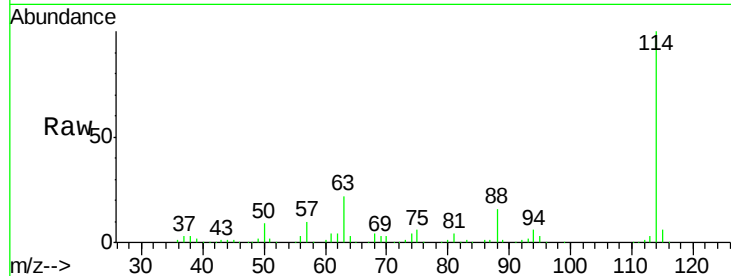
Tot Ion:114 Resp: 771444

Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.2

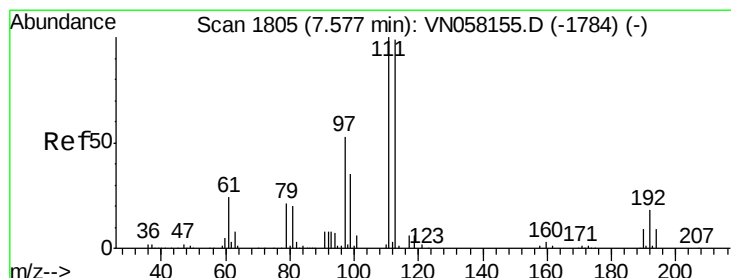
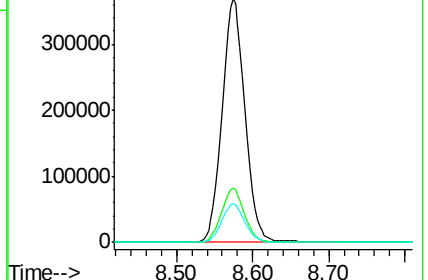
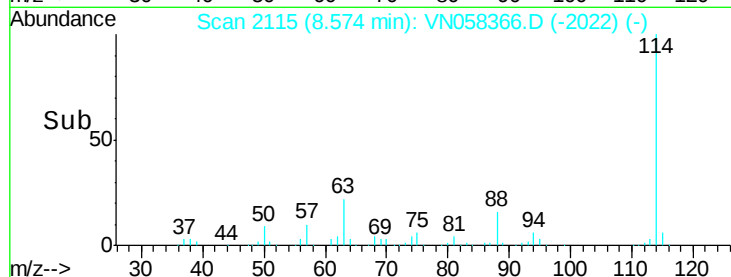
88 15.8 0.0 31.6



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: 51.142 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. -0.00 min

Lab File: VN058366.D

Acq: 25 Sep 2019 14:49

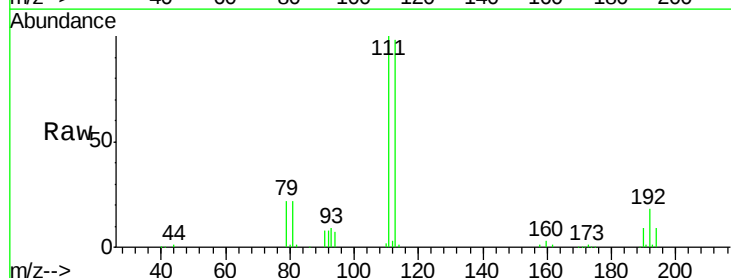
Tgt Ion:113 Resp: 239843

Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.6

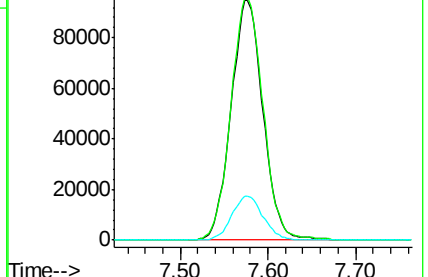
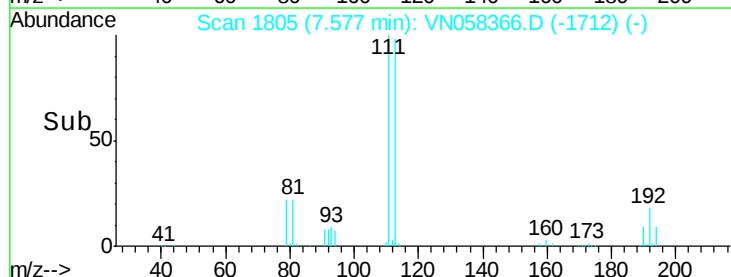
192 17.9 14.5 21.7

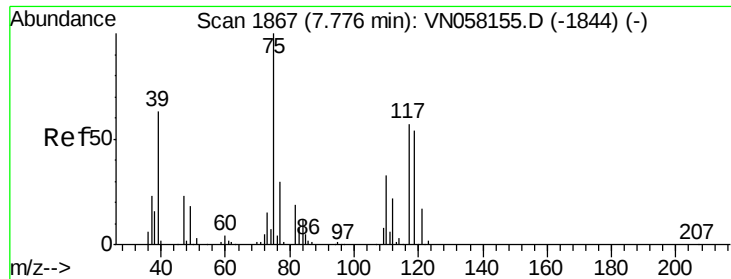


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

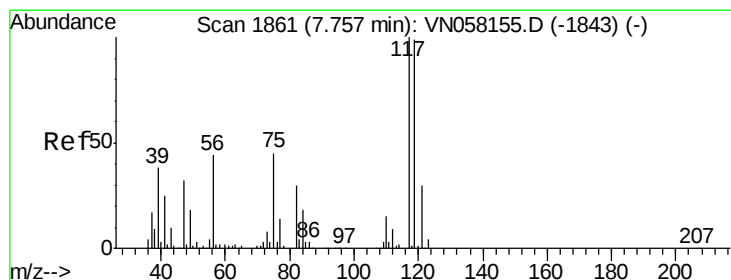
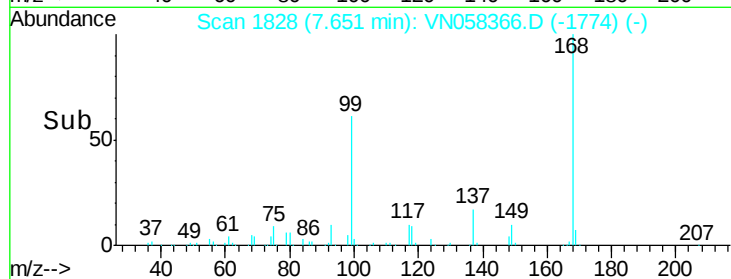
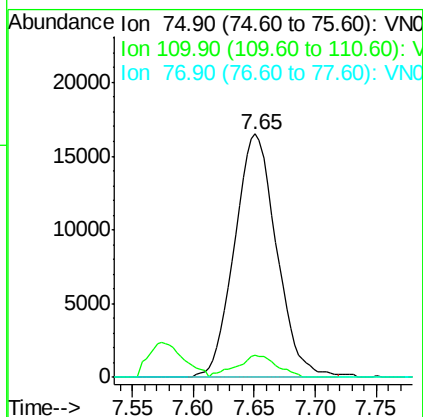
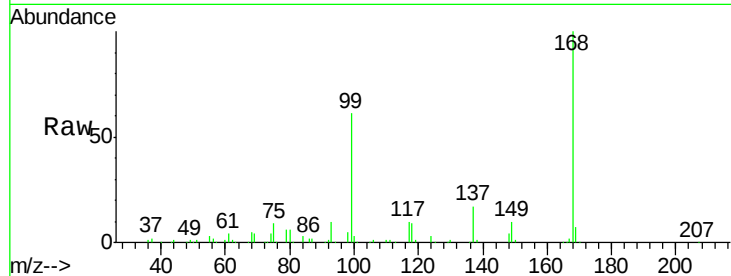




#36
 1,1-Dichloropropene
 Concen: 7.091 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN058366.D
 Acq: 25 Sep 2019 14:49

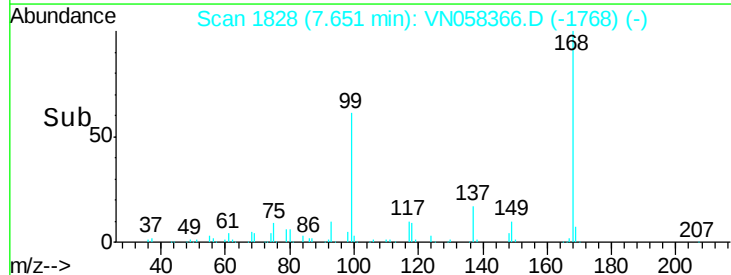
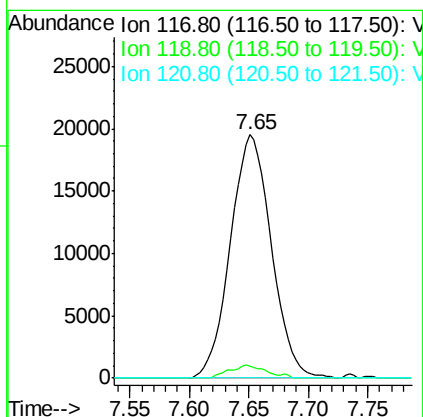
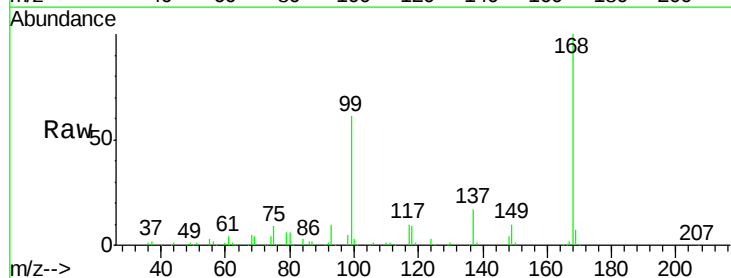
Instrument :
 MSVOA_N
 ClientSampleId :

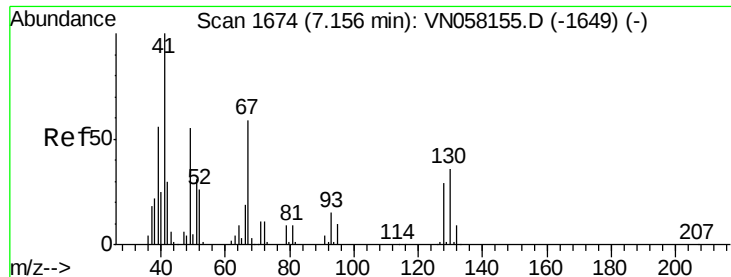
Tot Ion	75	Resp	39449
Ion Ratio	Lower	Upper	
75	100		
110	8.8	16.6	49.7#
77	0.0	24.3	36.5#



#38
 Carbon Tetrachloride
 Concen: 8.315 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.11 min
 Lab File: VN058366.D
 Acq: 25 Sep 2019 14:49

Tgt Ion	117	Resp	46500
Ion Ratio	Lower	Upper	
117	100		
119	4.9	78.6	117.8#
121	0.0	24.1	36.1#

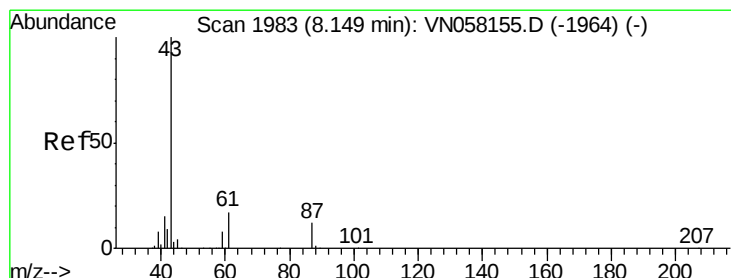
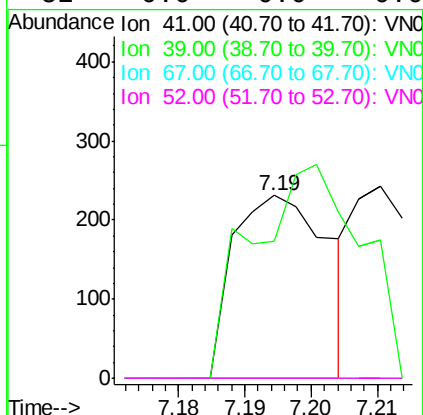
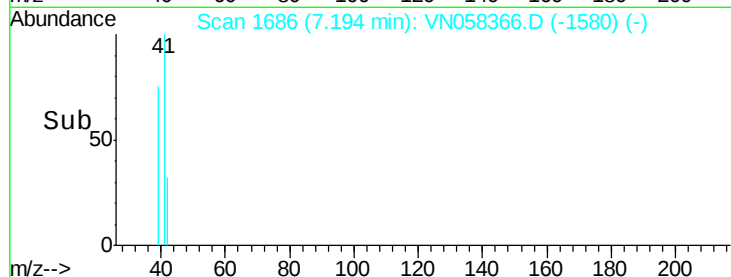
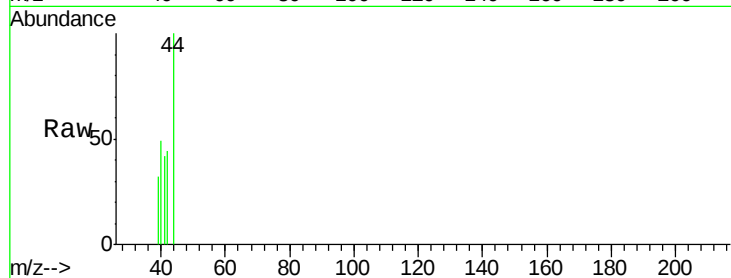




#41
Methacrylonitrile
Concen: 0.989 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.04 min
Lab File: VN058366.D
Acq: 25 Sep 2019 14:49

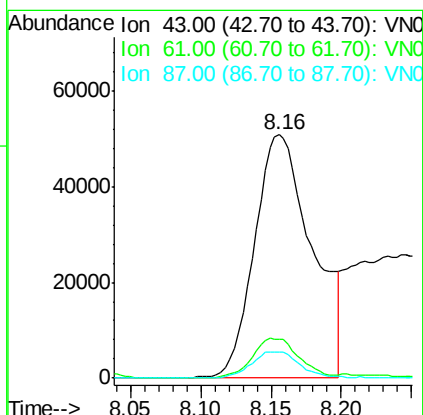
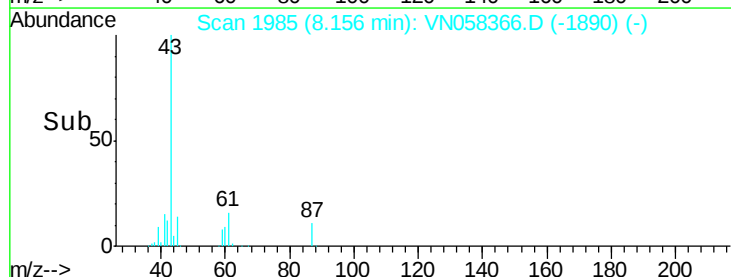
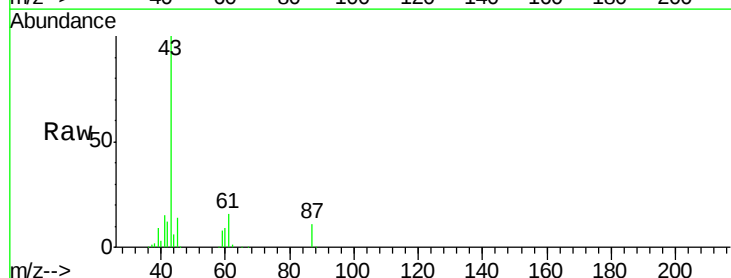
Instrument :
MSVOA_N
ClientSampled :

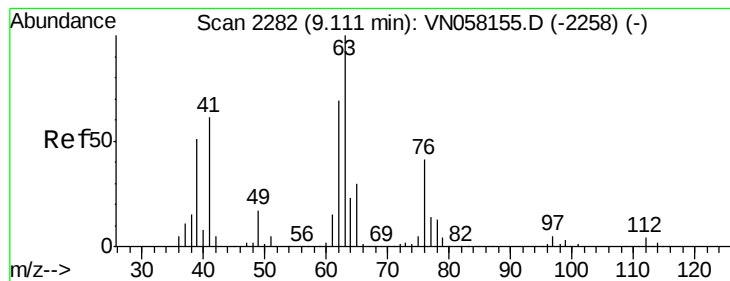
Tot Ion:	41	Resp:	230
Ion	Ratio	Lower	Upper
41	100		
39	135.2	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#43
Isopropyl Acetate
Concen: 13.488 ug/l
RT: 8.16 min Scan# 1985
Delta R.T. 0.01 min
Lab File: VN058366.D
Acq: 25 Sep 2019 14:49

Tgt Ion:	43	Resp:	145431
Ion	Ratio	Lower	Upper
43	100		
61	13.3	19.7	29.5#
87	9.1	9.4	14.2#





#45

1,2-Dichloropropane

Concen: 0.413 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.15 min

Lab File: VN058366.D

Acq: 25 Sep 2019 14:49

Instrument :

MSVOA_N

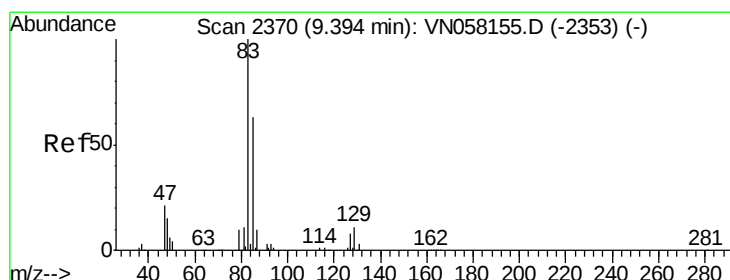
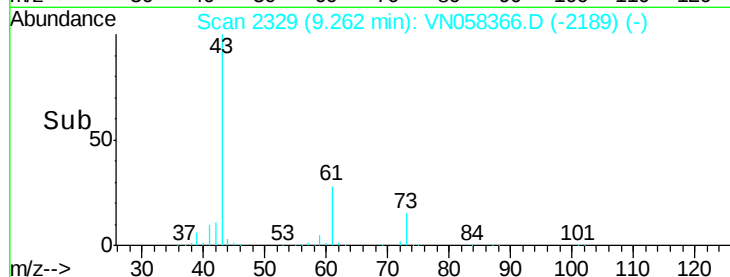
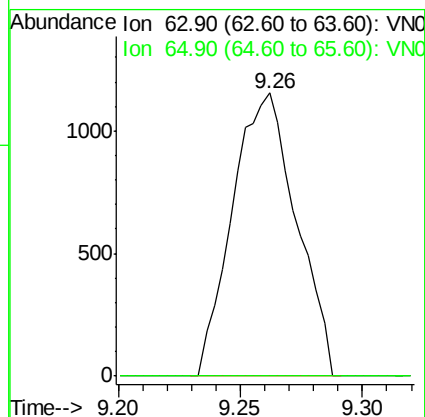
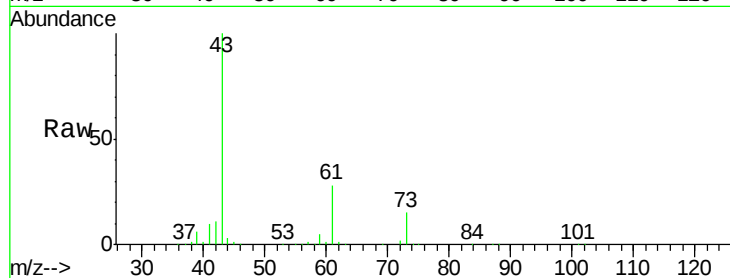
ClientSampled :

Tot Ion: 63 Resp: 2094

Ion Ratio Lower Upper

63 100

65 0.0 23.8 35.6#



#47

Bromodichloromethane

Concen: 0.307 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. -0.00 min

Lab File: VN058366.D

Acq: 25 Sep 2019 14:49

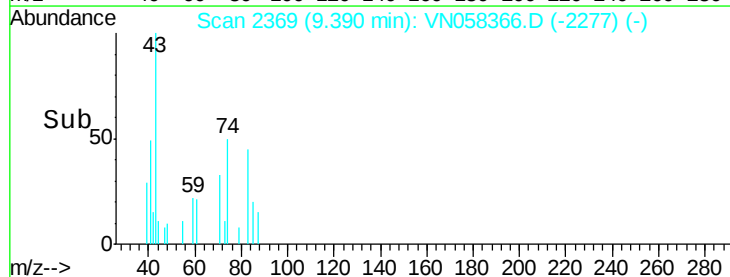
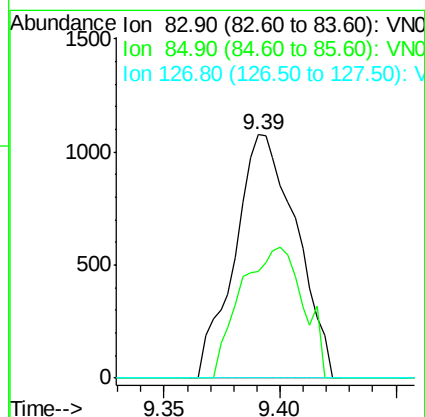
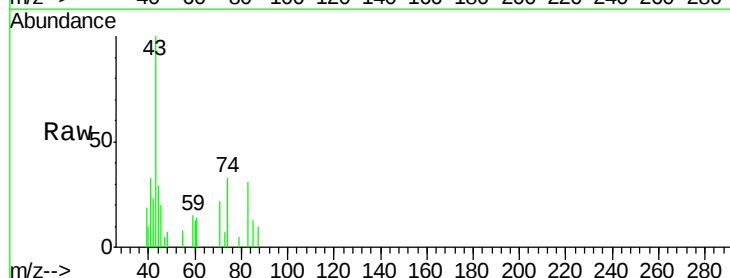
Tgt Ion: 83 Resp: 1986

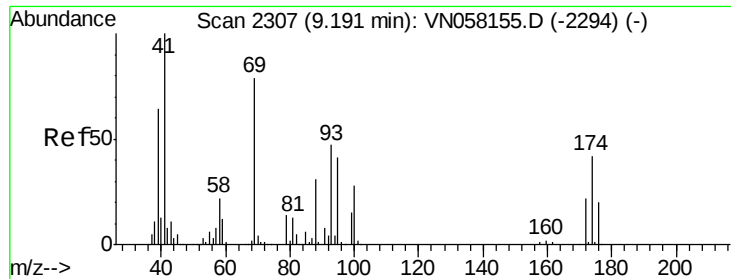
Ion Ratio Lower Upper

83 100

85 44.0 50.1 75.1#

127 0.0 6.4 9.6#

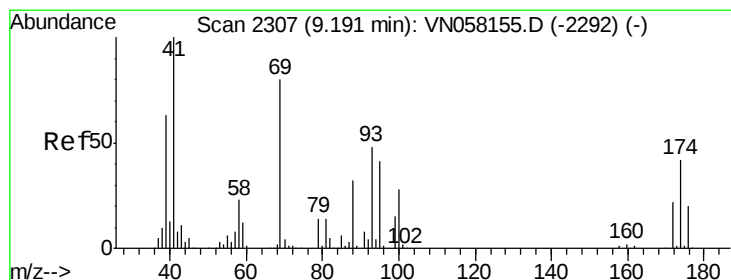
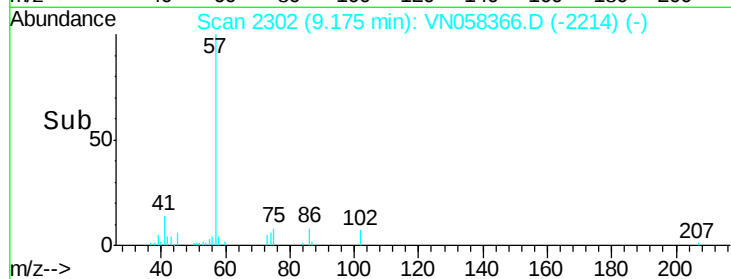
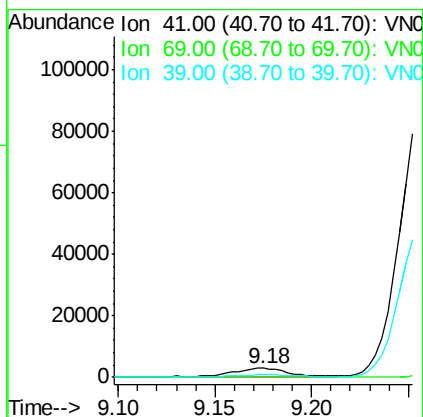
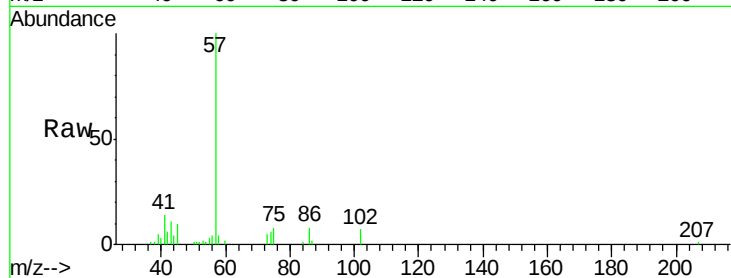




#48
Methvl methacrylate
Concen: 1.116 ug/l
RT: 9.18 min Scan# 2302
Delta R.T. -0.02 min
Lab File: VN058366.D
Acq: 25 Sep 2019 14:49

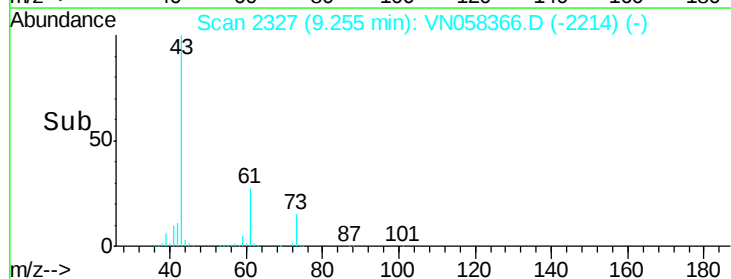
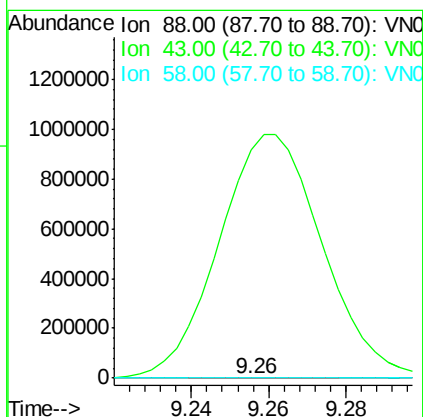
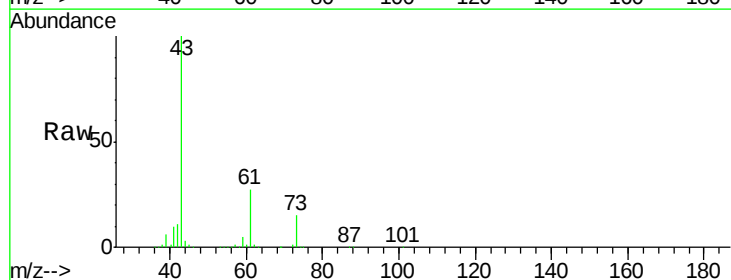
Instrument :
MSVOA_N
ClientSampled :

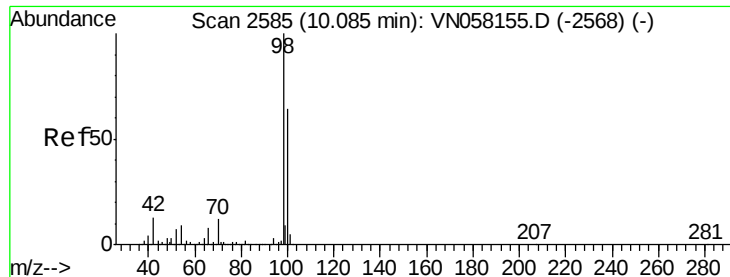
Tot Ion: 41 Resp: 5466
Ion Ratio Lower Upper
41 100
69 0.0 62.5 93.7#
39 0.0 52.3 78.5#



#49
1,4-Dioxane
Concen: 4.603 ug/l
RT: 9.26 min Scan# 2327
Delta R.T. 0.06 min
Lab File: VN058366.D
Acq: 25 Sep 2019 14:49

Tgt Ion: 88 Resp: 370
Ion Ratio Lower Upper
88 100
43 497348.9 27.8 41.8#
58 2207.6 55.0 82.4#





#50

Toluene-d8

Concen: 53.050 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058366.D

Acq: 25 Sep 2019 14:49

Instrument :

MSVOA_N

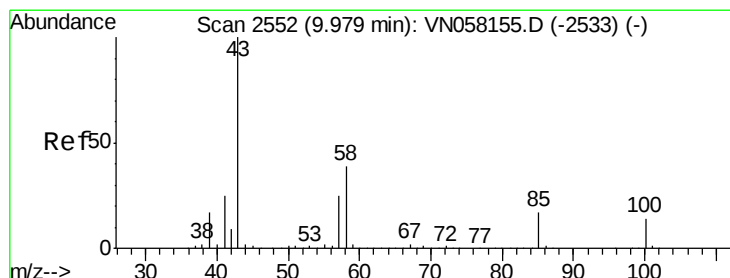
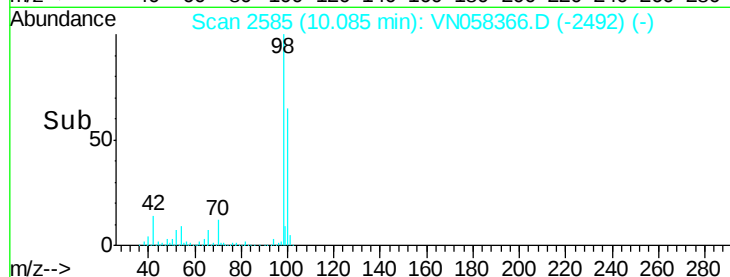
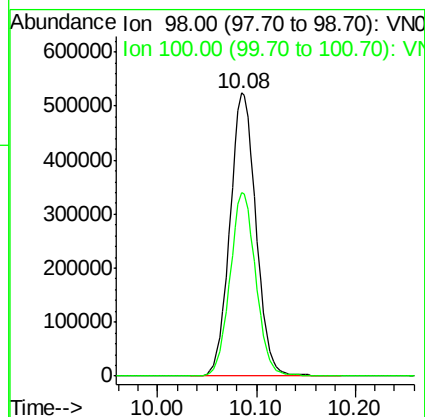
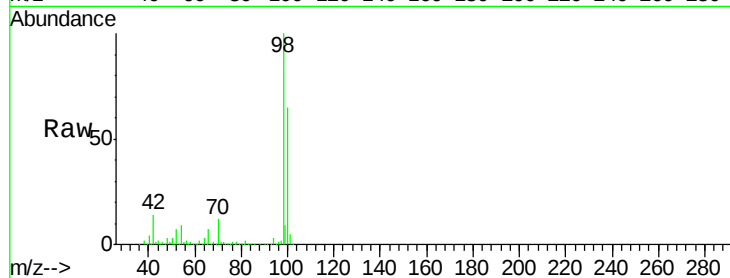
ClientSampled :

Tot Ion: 98 Resp: 969345

Ion Ratio Lower Upper

98 100

100 64.2 51.1 76.7



#51

4-Methyl-2-Pentanone

Concen: 1.307 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. -0.00 min

Lab File: VN058366.D

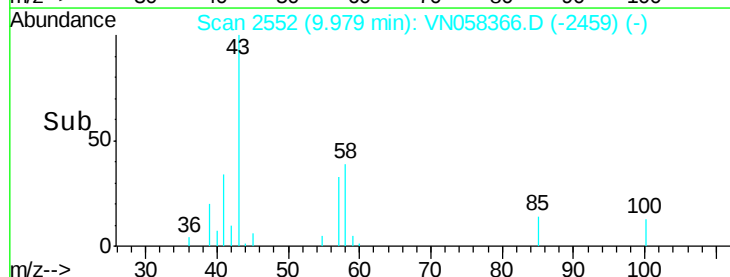
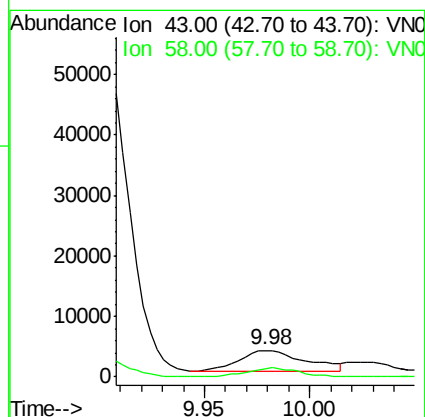
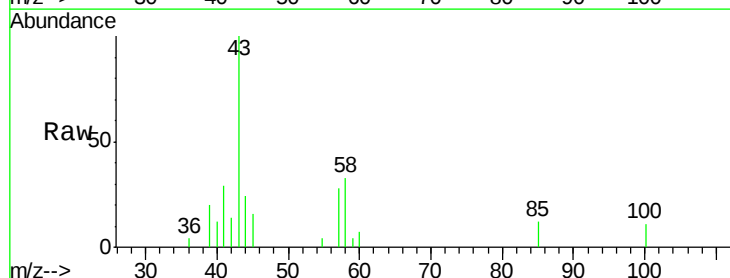
Acq: 25 Sep 2019 14:49

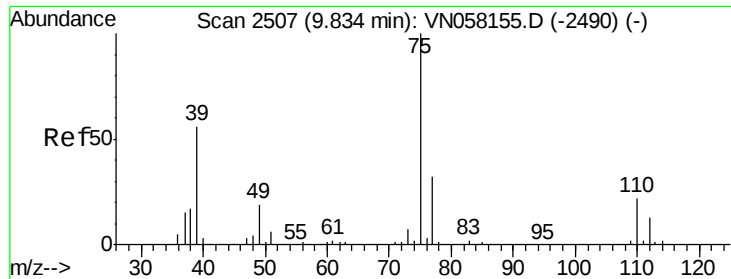
Tgt Ion: 43 Resp: 7483

Ion Ratio Lower Upper

43 100

58 34.3 30.2 45.4



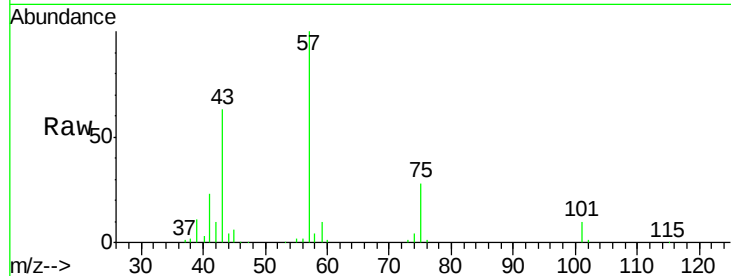


#54

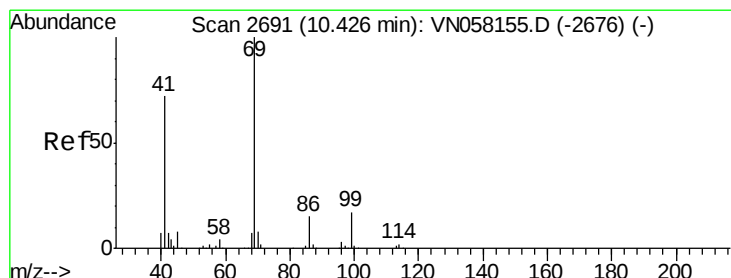
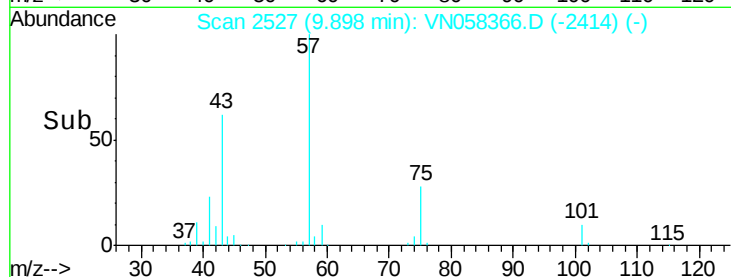
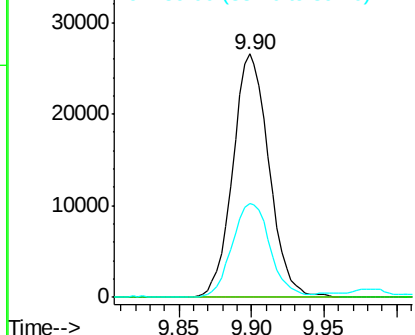
cis-1,3-Dichloropropene
 Concen: 6.284 ug/l
 RT: 9.90 min Scan# 2527
 Delta R.T. 0.06 min
 Lab File: VN058366.D
 Acq: 25 Sep 2019 14:49

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 75 Resp: 45934
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.0#
 39 38.6 45.0 67.6#



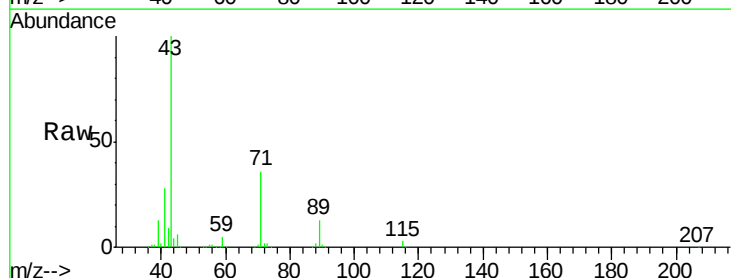
Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 76.90 (76.60 to 77.60): VNO
 Ion 39.00 (38.70 to 39.70): VNO



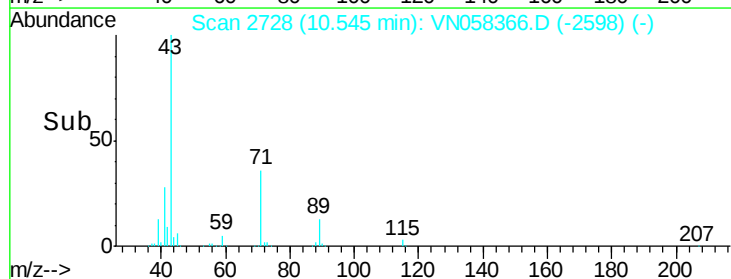
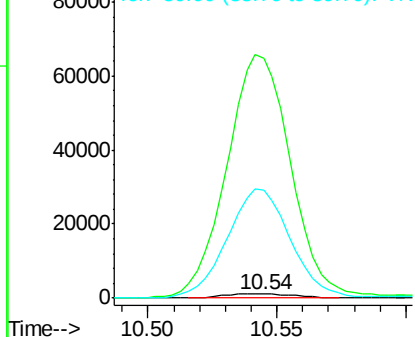
#56

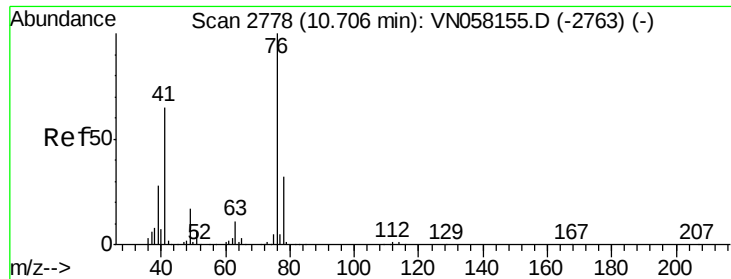
Ethyl methacrylate
 Concen: 0.313 ug/l
 RT: 10.54 min Scan# 2728
 Delta R.T. 0.12 min
 Lab File: VN058366.D
 Acq: 25 Sep 2019 14:49

Tgt Ion: 69 Resp: 2131
 Ion Ratio Lower Upper
 69 100
 41 5369.2 57.5 86.3#
 39 2376.3 36.1 54.1#



Abundance Ion 69.00 (68.70 to 69.70): VNO
 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO

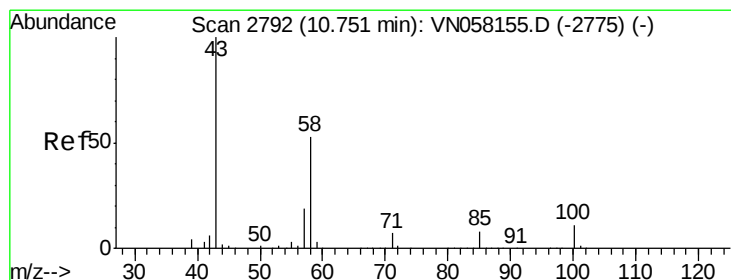
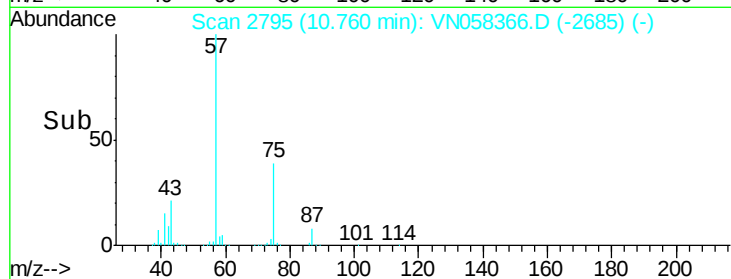
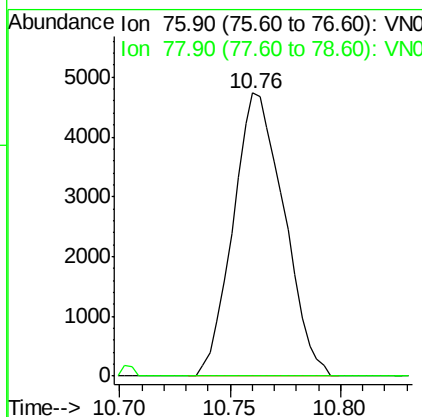
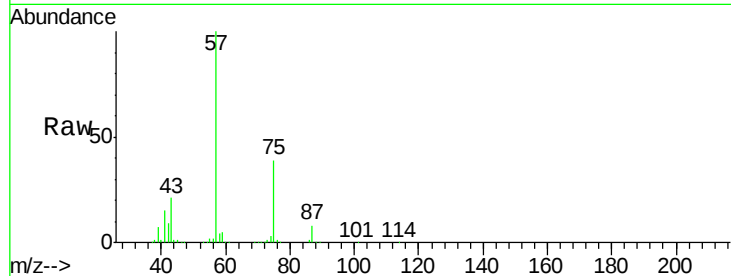




#57
 1,3-Dichloropropane
 Concen: 0.934 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.05 min
 Lab File: VN058366.D
 Acq: 25 Sep 2019 14:49

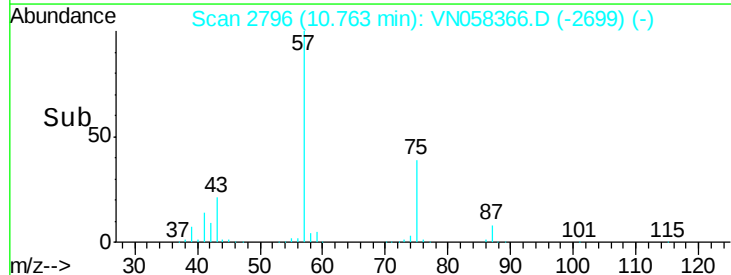
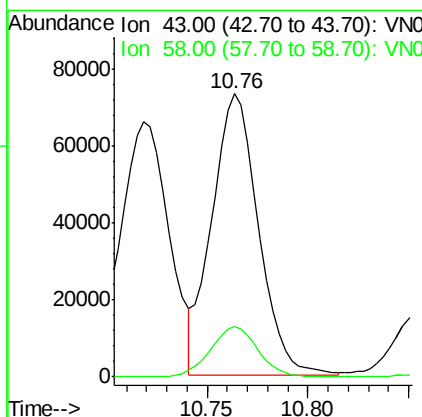
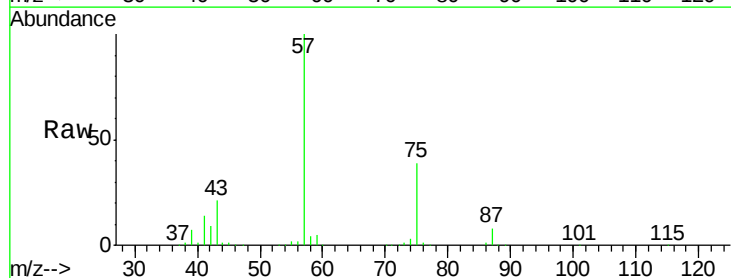
Instrument :
 MSVOA_N
 ClientSampled :

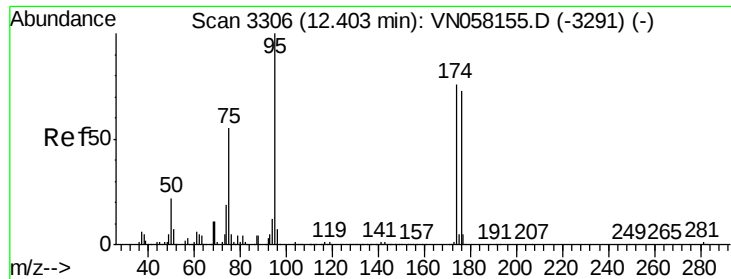
Tot Ion: 76 Resp: 7590
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.4 38.0#



#59
 2-Hexanone
 Concen: 27.525 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN058366.D
 Acq: 25 Sep 2019 14:49

Tgt Ion: 43 Resp: 117078
 Ion Ratio Lower Upper
 43 100
 58 18.4 26.0 78.0#





#62

4-Bromofluorobenzene

Concen: 46.676 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058366.D

Acq: 25 Sep 2019 14:49

Instrument :

MSVOA_N

ClientSampled :

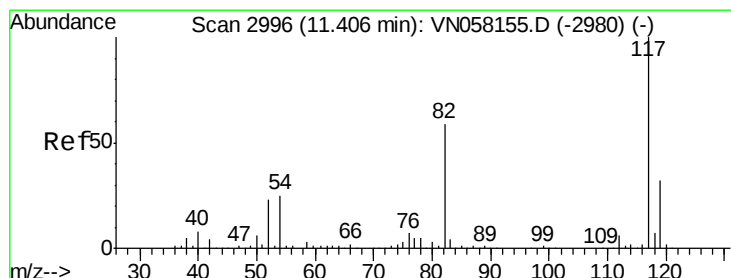
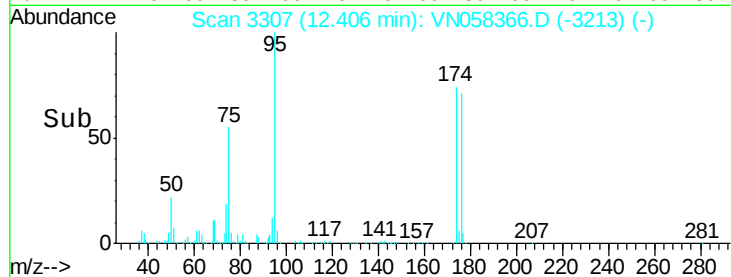
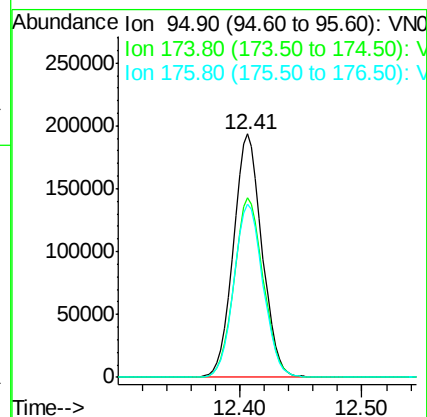
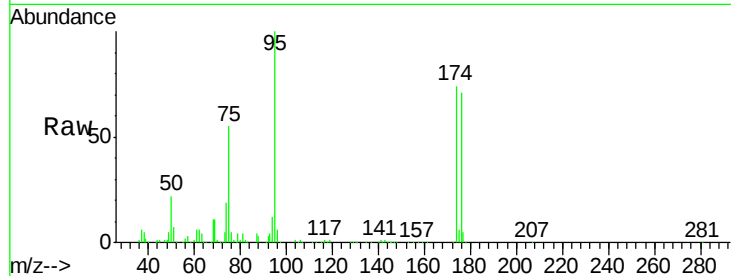
Tot Ion: 95 Resp: 316808

Ion Ratio Lower Upper

95 100

174 75.1 0.0 152.2

176 72.4 0.0 148.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN058366.D

Acq: 25 Sep 2019 14:49

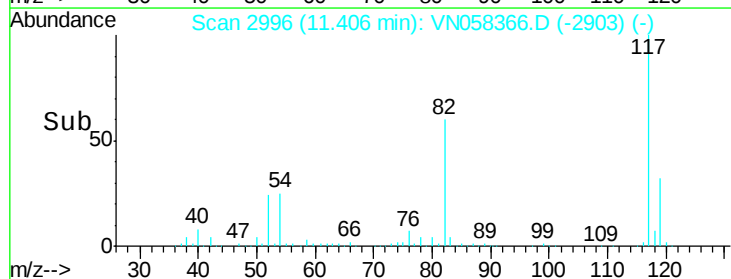
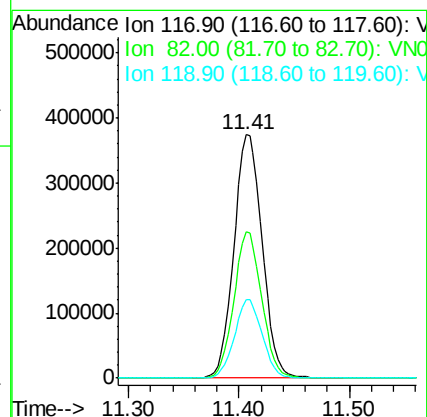
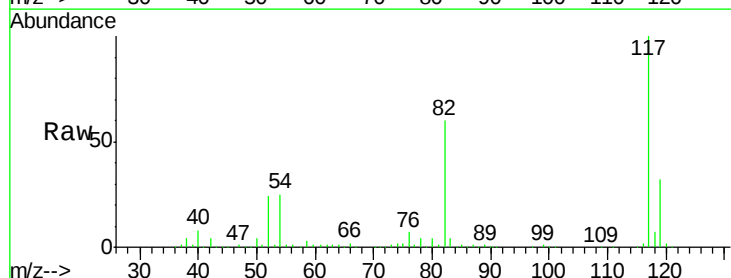
Tgt Ion: 117 Resp: 664505

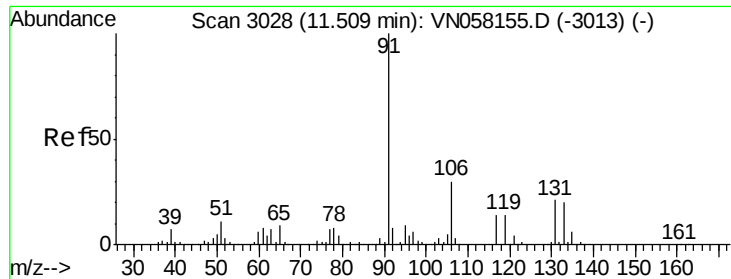
Ion Ratio Lower Upper

117 100

82 60.0 46.9 70.3

119 32.0 25.3 37.9

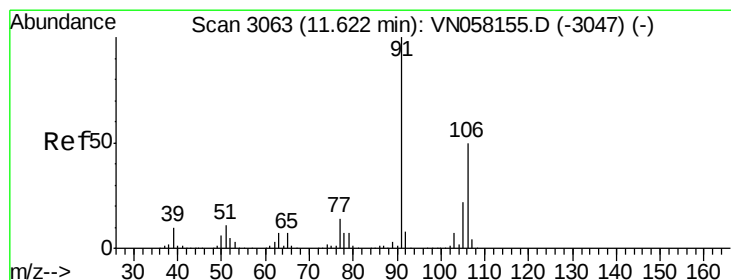
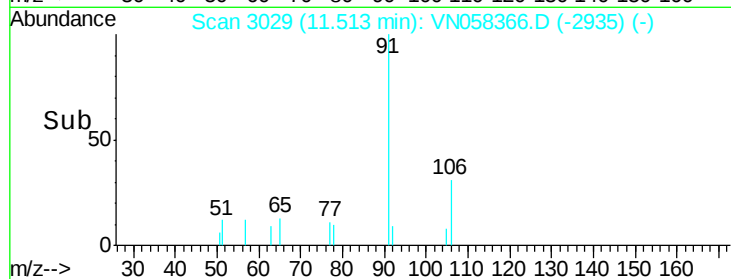
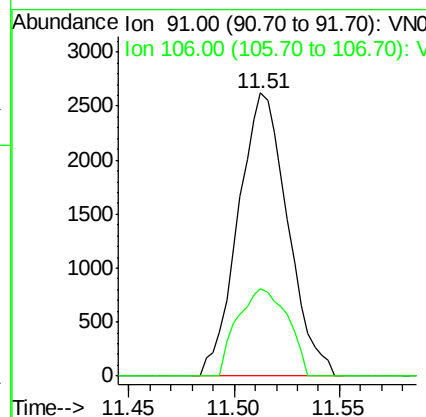
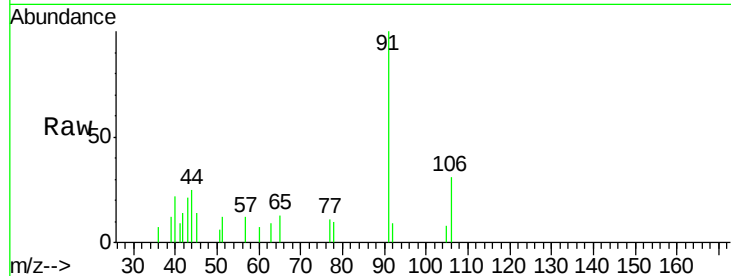




#67
Ethyl Benzene
Concen: 0.214 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN058366.D
Acq: 25 Sep 2019 14:49

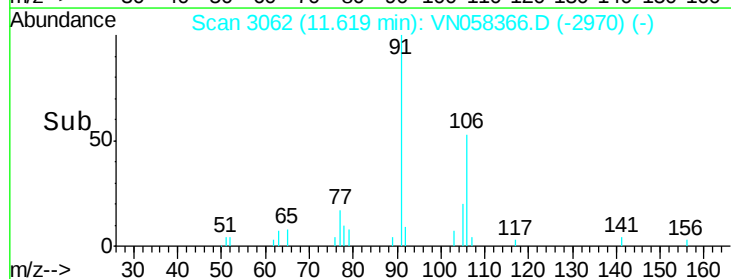
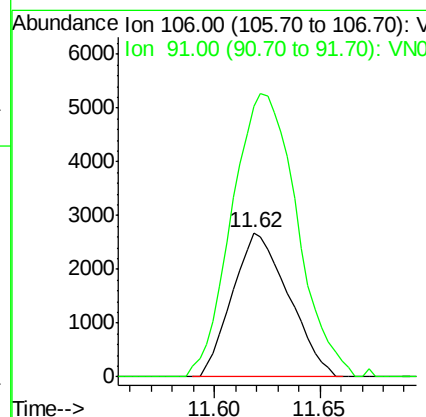
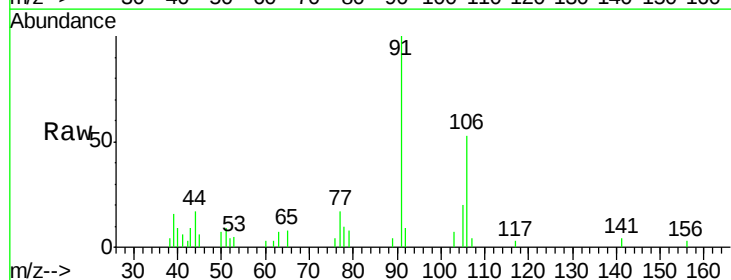
Instrument :
MSVOA_N
ClientSampled :

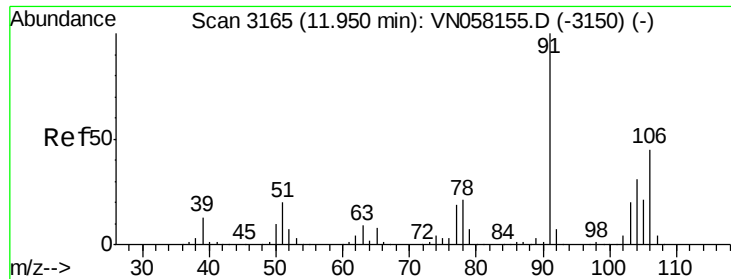
Tot Ion: 91 Resp: 4277
Ion Ratio Lower Upper
91 100
106 30.9 24.0 36.0



#68
m/p-Xylenes
Concen: 0.659 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN058366.D
Acq: 25 Sep 2019 14:49

Tgt Ion: 106 Resp: 4974
Ion Ratio Lower Upper
106 100
91 226.5 163.6 245.4

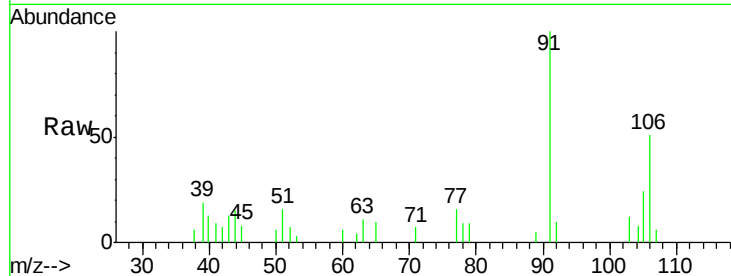




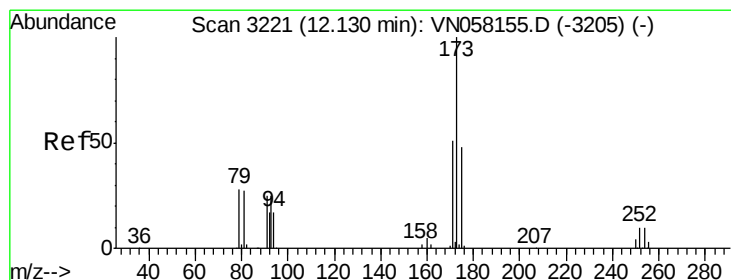
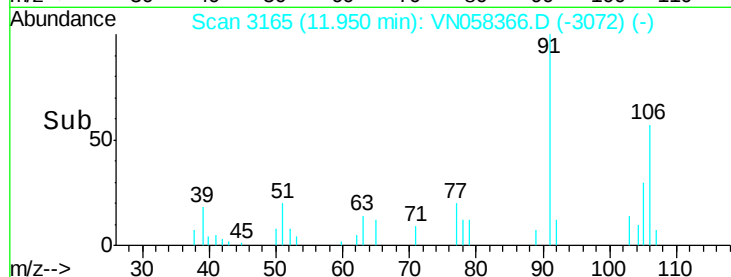
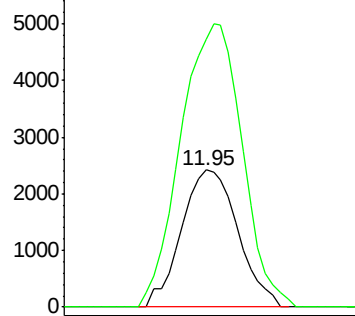
#69
o-Xylene
Concen: 0.552 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN058366.D
Acq: 25 Sep 2019 14:49

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 4093
Ion Ratio Lower Upper
106 100
91 224.8 111.8 335.3

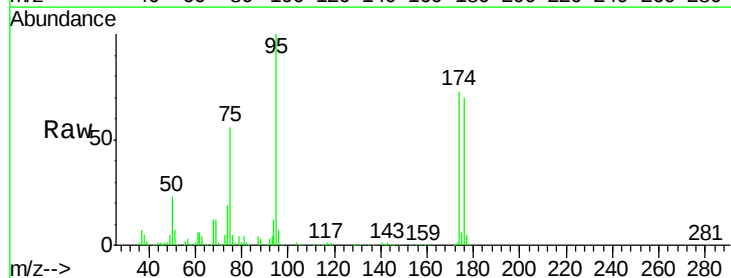


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

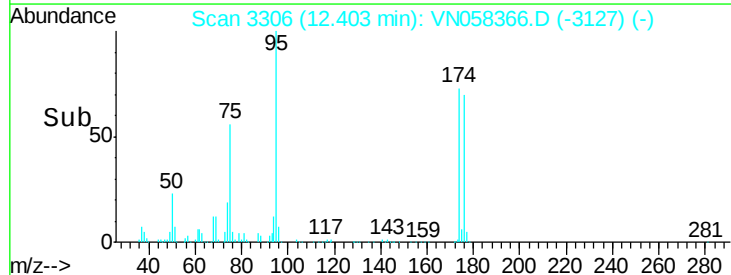
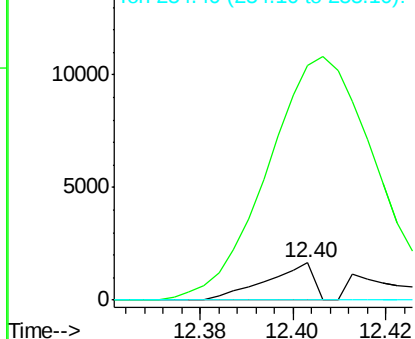


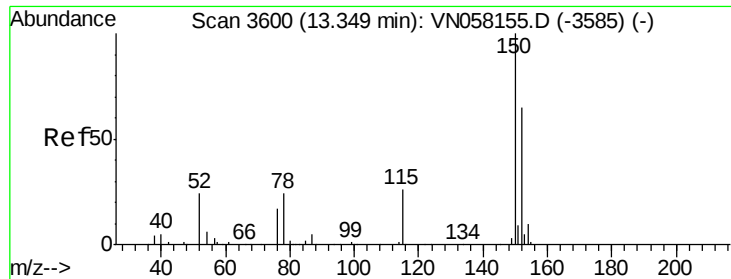
#71
Bromoform
Concen: 3.938 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.27 min
Lab File: VN058366.D
Acq: 25 Sep 2019 14:49

Tgt Ion:173 Resp: 1162
Ion Ratio Lower Upper
173 100
175 1283.0 24.2 72.6#
254 0.0 0.1 0.1#



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# 3601

Delta R.T. 0.00 min

Lab File: VN058366.D

Acq: 25 Sep 2019 14:49

Instrument :

MSVOA_N

ClientSampleId :

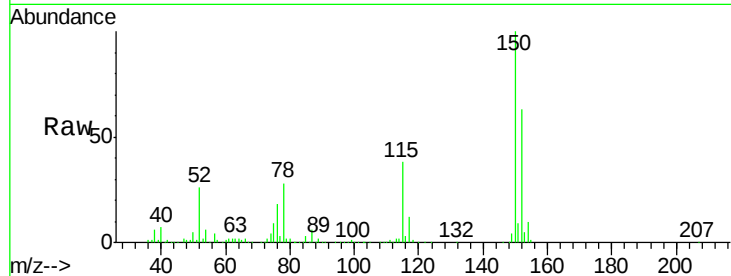
Tot Ion:152 Resp: 275522

Ion Ratio Lower Upper

152 100

115 60.2 30.1 90.3

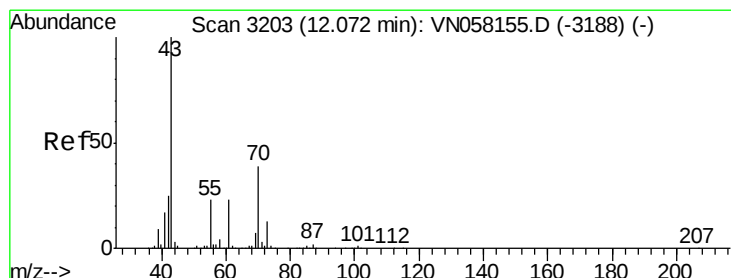
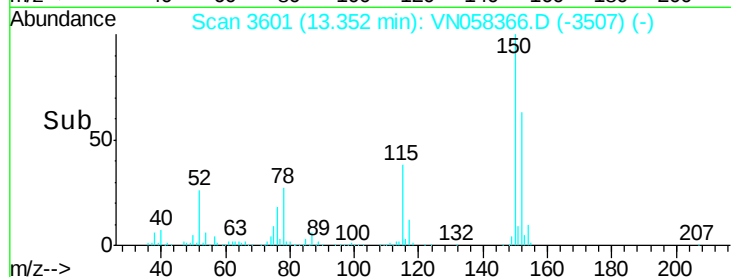
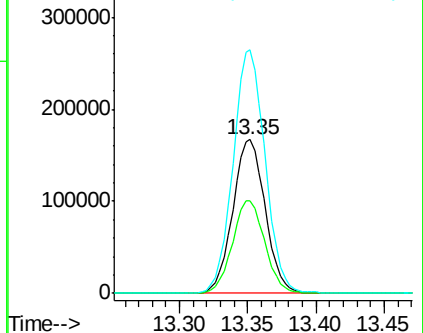
150 157.0 0.0 346.4



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: 0.669 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN058366.D

Acq: 25 Sep 2019 14:49

Tgt Ion: 43 Resp: 4829

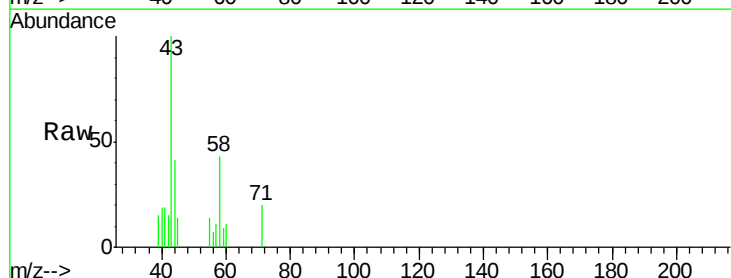
Ion Ratio Lower Upper

43 100

70 0.0 31.0 46.6#

55 5.3 18.5 27.7#

61 0.0 18.2 27.2#

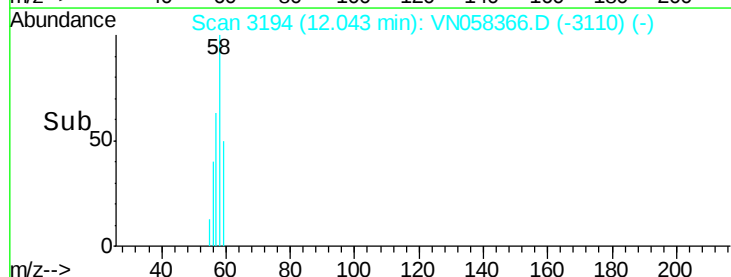
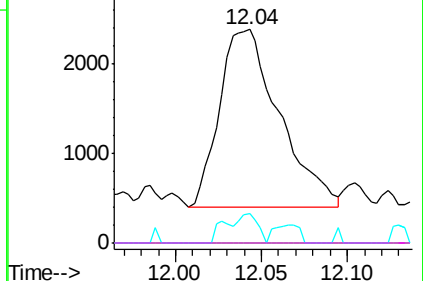


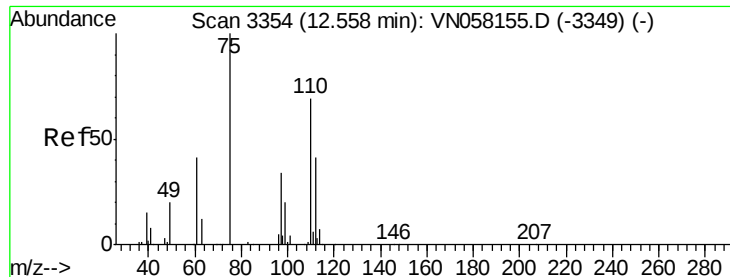
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 35.930 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058366.D

Acq: 25 Sep 2019 14:49

Instrument :

MSVOA_N

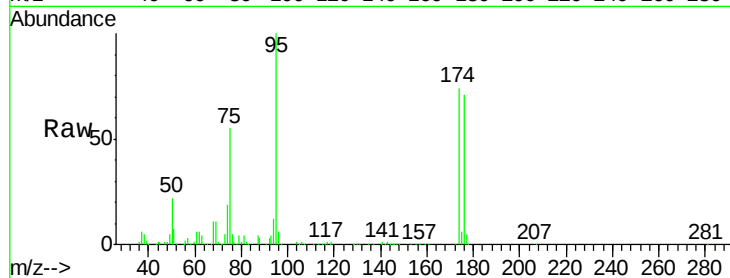
ClientSampleId :

Tot Ion: 75 Resp: 177172

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN058155.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN058155.D (-3349) (-)

12.41

120000

100000

80000

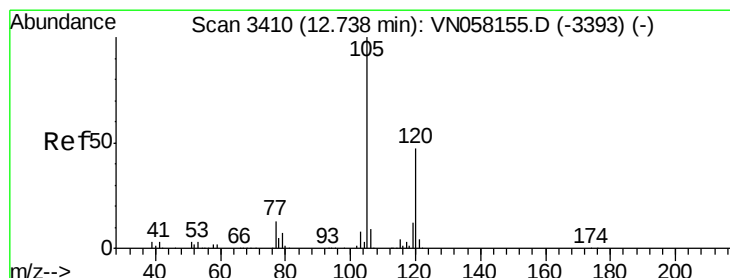
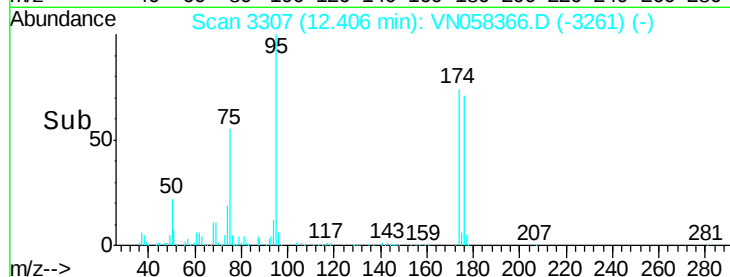
60000

40000

20000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.726 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN058366.D

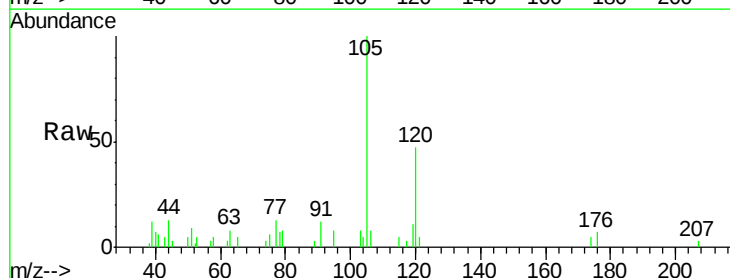
Acq: 25 Sep 2019 14:49

Tgt Ion: 105 Resp: 10582

Ion Ratio Lower Upper

105 100

120 45.0 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN058155.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN058155.D (-3393) (-)

12.74

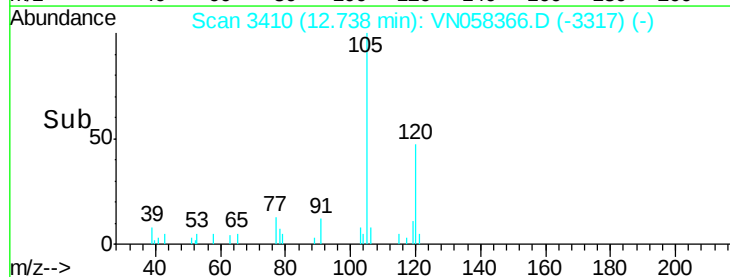
6000

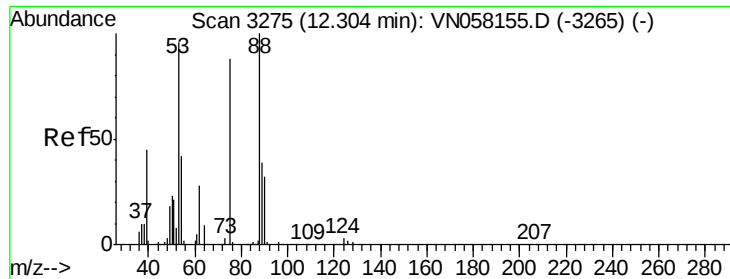
4000

2000

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 100.356 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058366.D

Acq: 25 Sep 2019 14:49

Instrument :

MSVOA_N

ClientSampled :

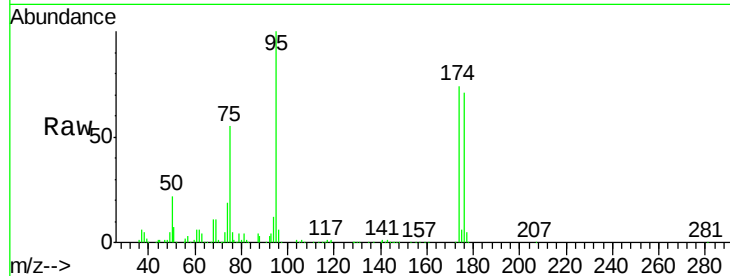
Tot Ion: 75 Resp: 177172

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

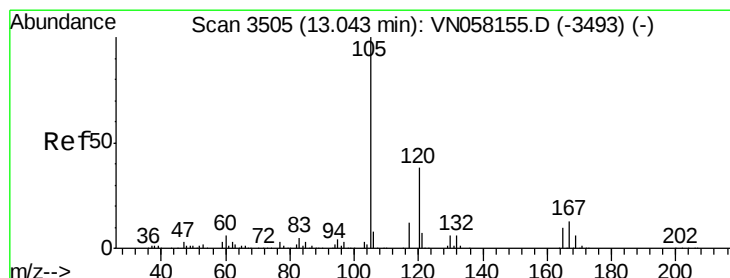
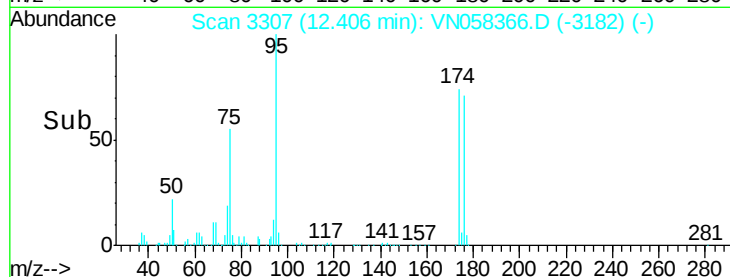
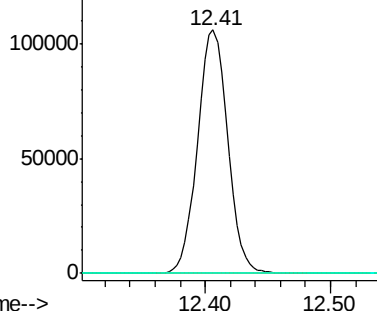
89 0.0 36.2 54.2#



Abundance Ion 74.90 (74.60 to 75.60): VN058366.D (-3307) (-)

Ion 53.00 (52.70 to 53.70): VN058366.D (-3307) (-)

Ion 88.90 (88.60 to 89.60): VN058366.D (-3307) (-)



#84

1,2,4-Trimethylbenzene

Concen: 1.313 ug/l

RT: 13.05 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN058366.D

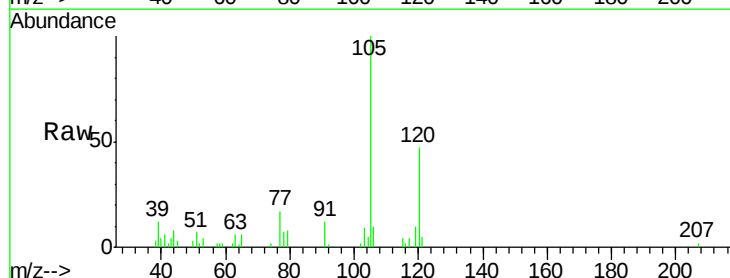
Acq: 25 Sep 2019 14:49

Tgt Ion: 105 Resp: 19058

Ion Ratio Lower Upper

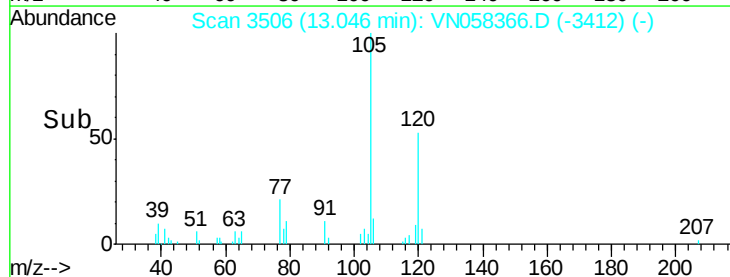
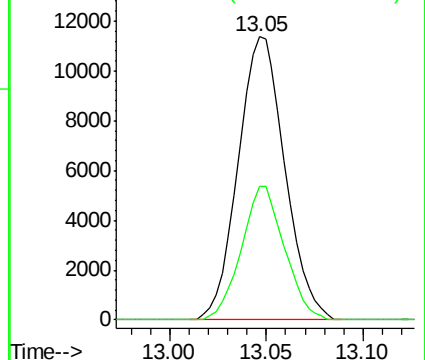
105 100

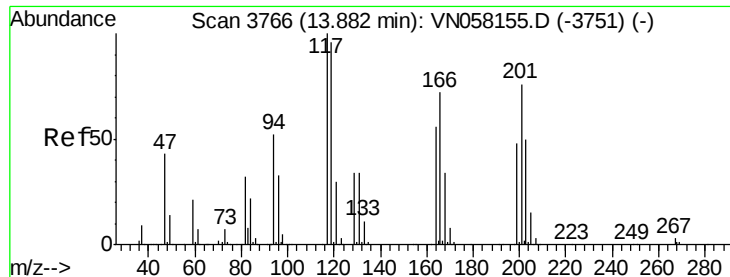
120 43.5 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): VN058366.D (-3505) (-)

Ion 120.00 (119.70 to 120.70): VN058366.D (-3505) (-)





#90

Hexachloroethane

Concen: 3.100 ug/l

RT: 13.90 min Scan# 3771

Delta R.T. 0.02 min

Lab File: VN058366.D

Acq: 25 Sep 2019 14:49

Instrument :

MSVOA_N

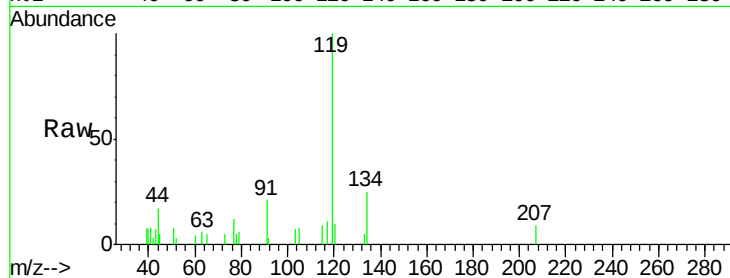
ClientSampleId :

Tot Ion:117 Resp: 779

Ion Ratio Lower Upper

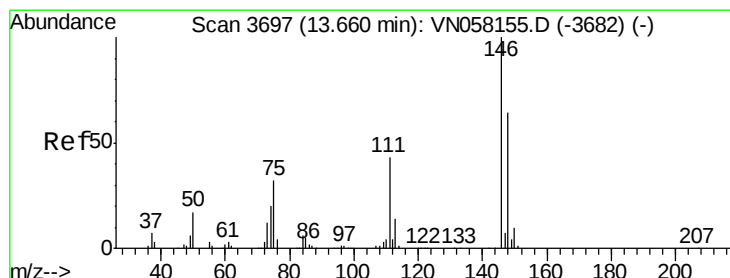
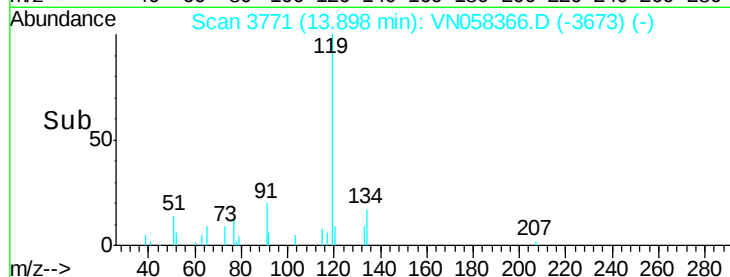
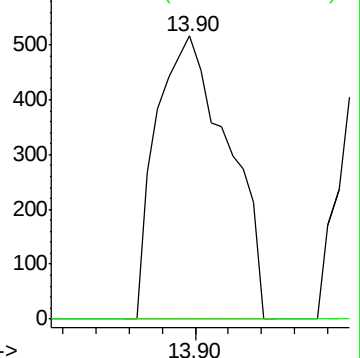
117 100

201 0.0 37.5 112.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 0.284 ug/l

RT: 13.66 min Scan# 3698

Delta R.T. 0.00 min

Lab File: VN058366.D

Acq: 25 Sep 2019 14:49

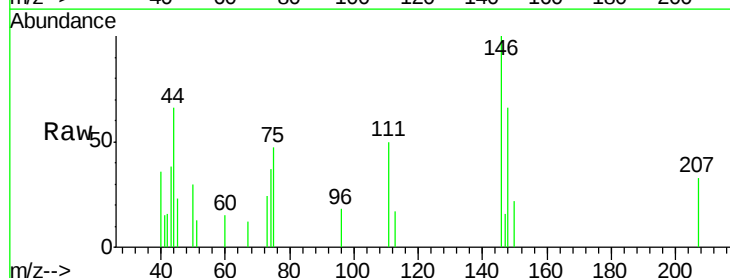
Tgt Ion:146 Resp: 2258

Ion Ratio Lower Upper

146 100

111 43.0 21.1 63.1

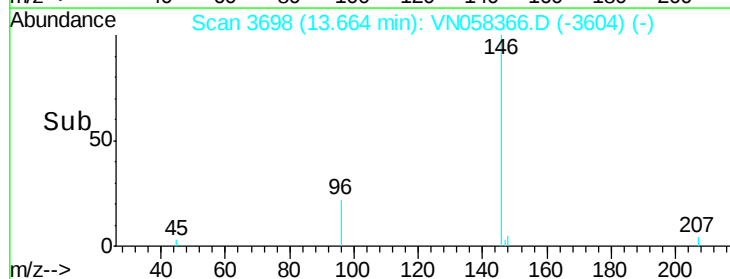
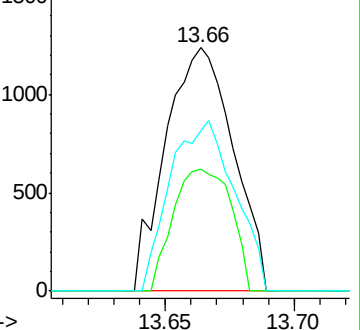
148 66.6 31.8 95.4

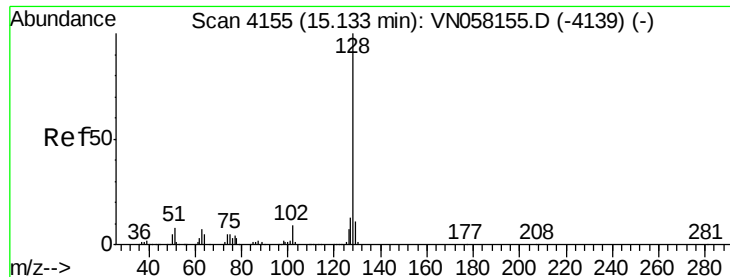


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

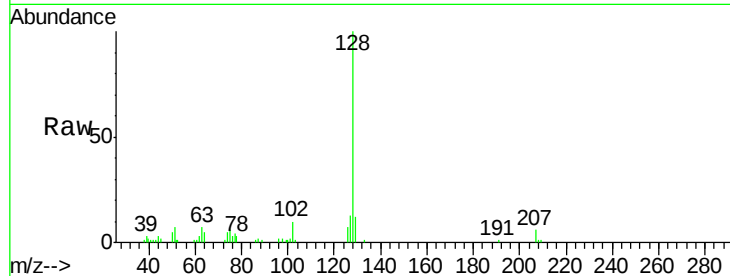




#95
Naphthalene
Concen: 3.035 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN058366.D
Acq: 25 Sep 2019 14:49

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	11.4	8.6	12.8



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

