

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021020\
 Data File : VN060043.D
 Acq On : 10 Feb 2020 14:02
 Operator : JC/MD
 Sample : L1471-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 11 07:08:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	197725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	311391	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	296213	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	137406	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	114387	52.09	ug/l	0.00
Spiked Amount			Recovery	=	104.18%	
35) Dibromofluoromethane	7.57	113	93547	50.38	ug/l	0.00
Spiked Amount			Recovery	=	100.76%	
50) Toluene-d8	10.08	98	378447	52.60	ug/l	0.00
Spiked Amount			Recovery	=	105.20%	
62) 4-Bromofluorobenzene	12.40	95	139272	53.70	ug/l	0.00
Spiked Amount			Recovery	=	107.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.73	59	49789	134.693	ug/l	100
13) Acrolein	3.59	56	98	0.375	ug/l #	13
15) Acrylonitrile	4.96	53	823	0.976	ug/l #	51
16) Acetone	3.78	43	420232	574.095	ug/l	98
18) Methyl Acetate	4.30	43	2961	1.154	ug/l #	73
20) Methylene Chloride	4.52	84	5651	1.592	ug/l #	82
25) 2-Butanone	6.81	43	11688	9.400	ug/l	95
31) Cyclohexane	7.64	56	4018	1.237	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	14383	5.304	ug/l #	50
37) Ethyl Acetate	6.81	43	11688	4.596	ug/l #	69
38) Carbon Tetrachloride	7.64	117	18711	6.343	ug/l #	15
40) Benzene	8.02	78	2577	0.319	ug/l #	90
43) Isopropyl Acetate	8.14	43	46129	10.545	ug/l #	90
45) 1,2-Dichloropropane	9.25	63	765	0.382	ug/l #	44
48) Methyl methacrylate	9.18	41	148542	75.912	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	25255	9.987	ug/l	98
52) Toluene	10.14	92	23504	4.601	ug/l	99
54) cis-1,3-Dichloropropene	9.89	75	15386	4.604	ug/l #	60
56) Ethyl methacrylate	10.35	69	1552	0.502	ug/l #	75
57) 1,3-Dichloropropane	10.75	76	2113	0.658	ug/l #	42
59) 2-Hexanone	10.59	43	7962	4.274	ug/l	75
67) Ethyl Benzene	11.50	91	8355	0.791	ug/l	98
68) m/p-Xylenes	11.61	106	6976	1.747	ug/l	98
69) o-Xylene	11.94	106	4316	1.104	ug/l	96
74) N-ethyl acetate	12.06	43	15788	4.038	ug/l #	67
75) 1,1,2,2-Tetrachloroethane	12.52	83	1844	0.631	ug/l #	26
76) 1,2,3-Trichloropropane	12.40	75	70777	30.608	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.65	105	2679	0.316	ug/l	72
81) trans-1,4-Dichloro-2-buten	12.40	75	70777	65.730	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.03	105	2546	0.304	ug/l	87
85) sec-Butylbenzene	13.03	105	2546	0.264	ug/l #	57
92) 1,2-Dibromo-3-Chloropropan	14.27	75	29	Below Cal	#	6
95) Naphthalene	15.13	128	1596	0.213	ug/l #	77

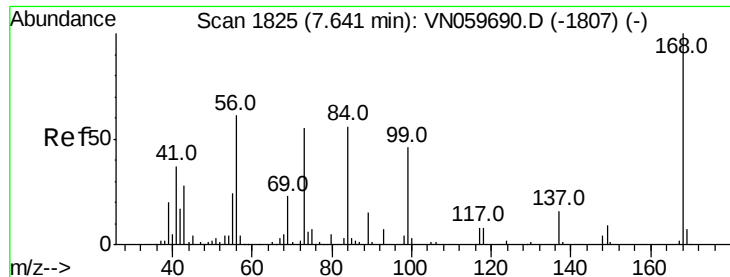
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021020\
Data File : VN060043.D
Acq On : 10 Feb 2020 14:02
Operator : JC/MD
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060043.D

Acq: 10 Feb 2020 14:02

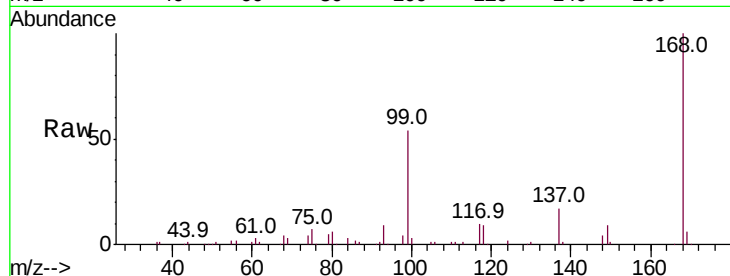
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 197725

Ion Ratio Lower Upper

168 100

99 54.2 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

80000

60000

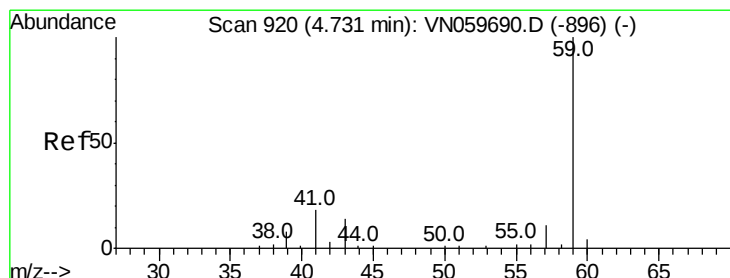
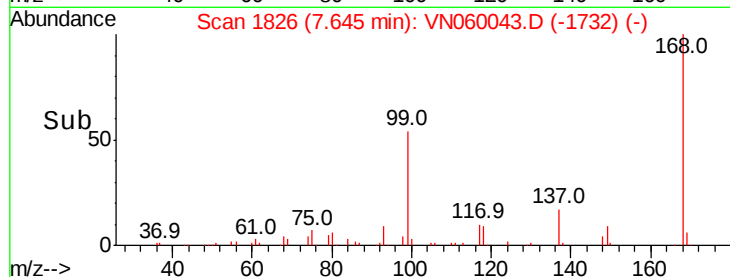
40000

20000

0

7.60 7.70

Time-->



#11

Tert butyl alcohol

Concen: 134.693 ug/l

RT: 4.73 min Scan# 919

Delta R.T. -0.00 min

Lab File: VN060043.D

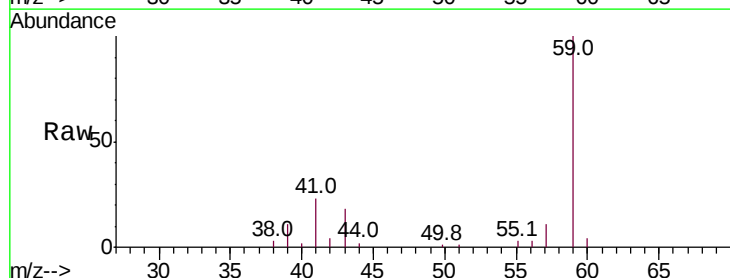
Acq: 10 Feb 2020 14:02

Tgt Ion: 59 Resp: 49789

Ion Ratio Lower Upper

59 100

57 10.6 8.6 12.8



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.73

15000

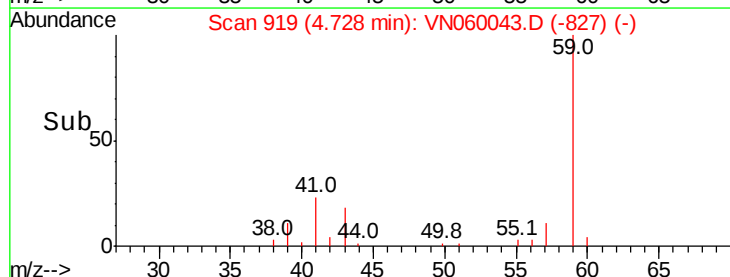
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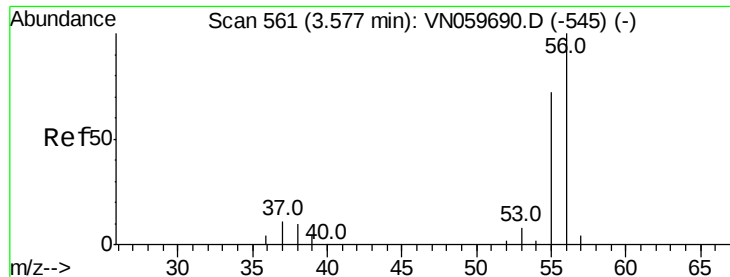
5000

0

4.60 4.70 4.80 4.90

Time-->





#13

Acrolein

Concen: 0.375 ug/l

RT: 3.59 min Scan# 564

Delta R.T. 0.01 min

Lab File: VN060043.D

Acq: 10 Feb 2020 14:02

Instrument :

MSVOA_N

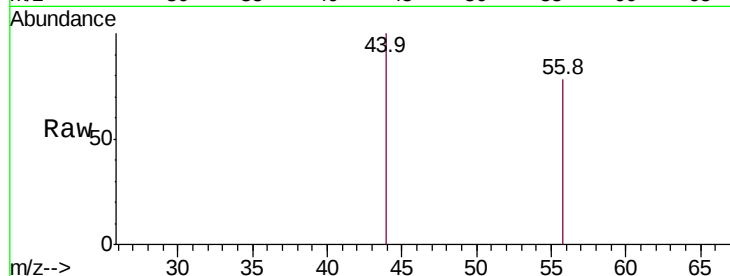
ClientSampled :

Tot Ion: 56 Resp: 98

Ion Ratio Lower Upper

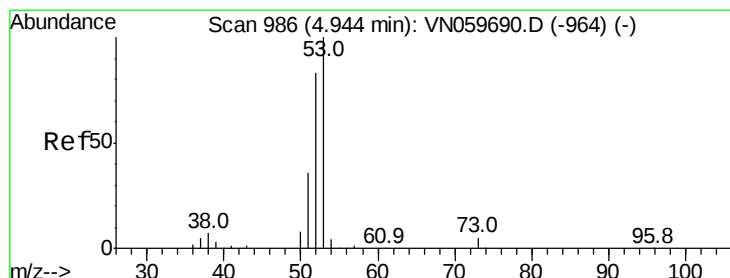
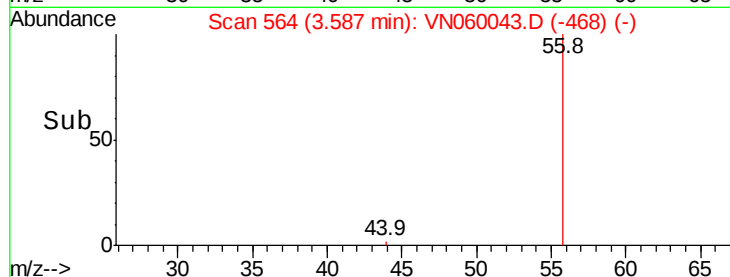
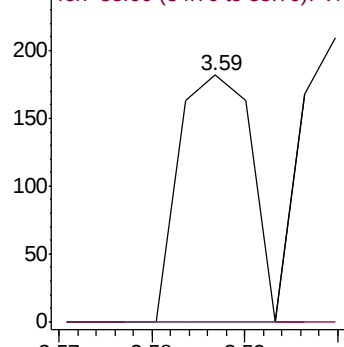
56 100

55 0.0 58.6 88.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#15

Acrylonitrile

Concen: 0.976 ug/l

RT: 4.96 min Scan# 992

Delta R.T. 0.02 min

Lab File: VN060043.D

Acq: 10 Feb 2020 14:02

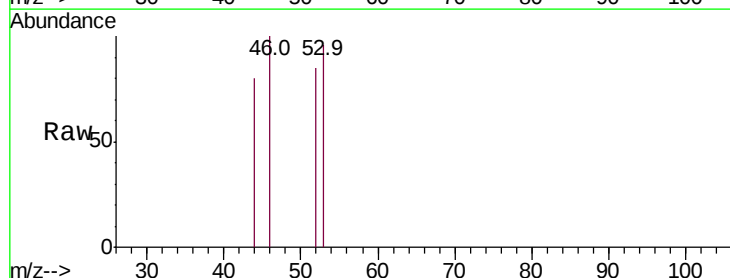
Tgt Ion: 53 Resp: 823

Ion Ratio Lower Upper

53 100

52 44.0 66.3 99.5#

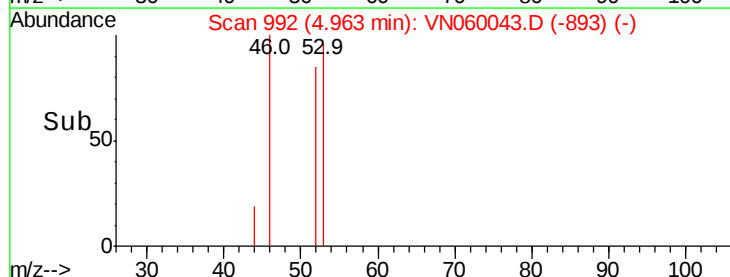
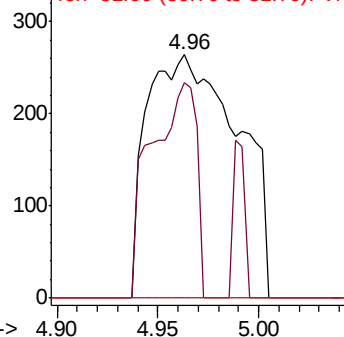
51 0.0 29.7 44.5#

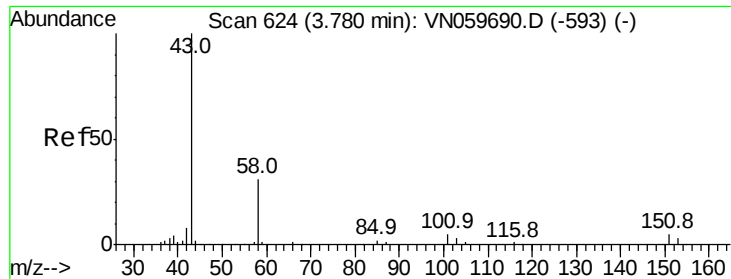


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#16

Acetone

Concen: 574.095 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN060043.D

Acq: 10 Feb 2020 14:02

Instrument :

MSVOA_N

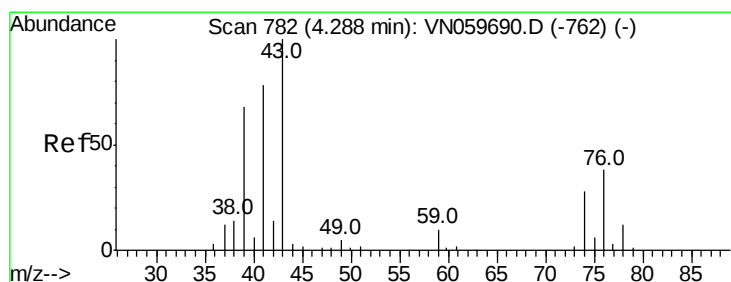
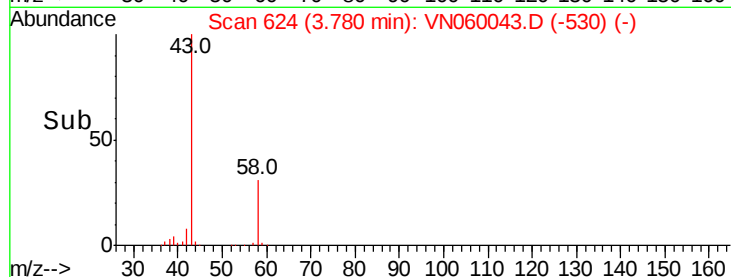
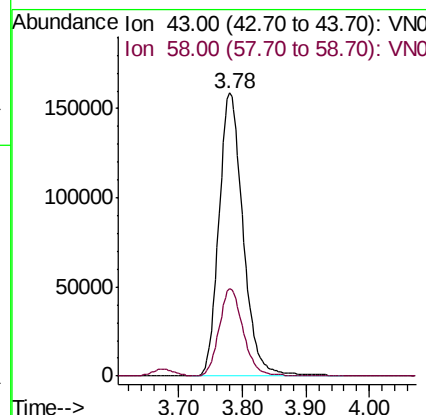
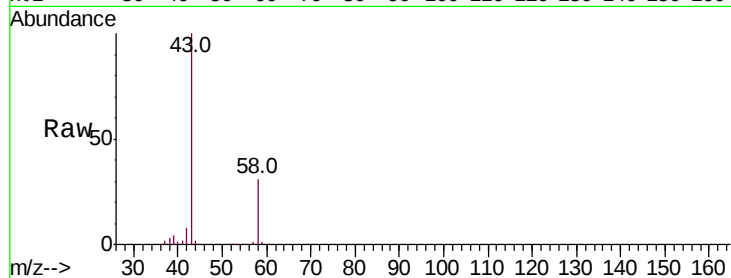
ClientSampled :

Tot Ion: 43 Resp: 420232

Ion Ratio Lower Upper

43 100

58 30.7 23.6 35.4



#18

Methyl Acetate

Concen: 1.154 ug/l

RT: 4.30 min Scan# 786

Delta R.T. 0.01 min

Lab File: VN060043.D

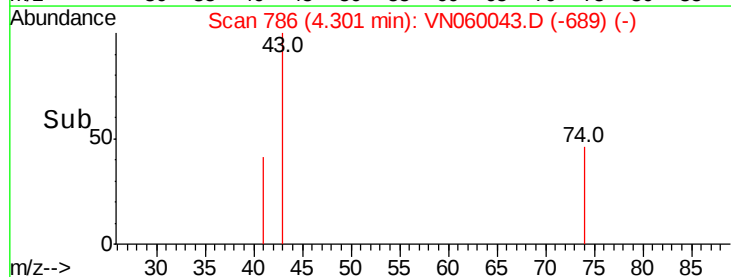
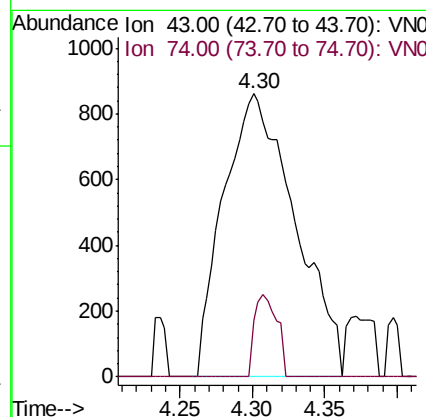
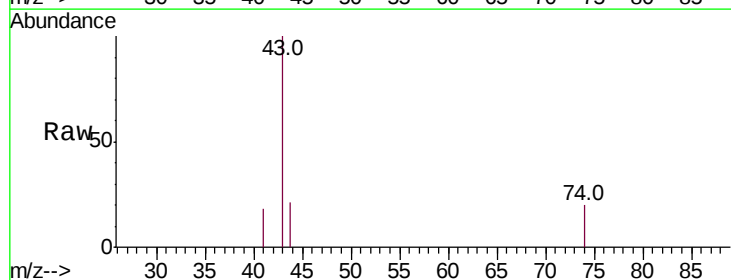
Acq: 10 Feb 2020 14:02

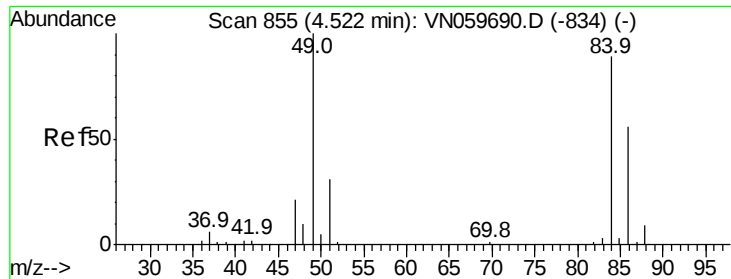
Tgt Ion: 43 Resp: 2961

Ion Ratio Lower Upper

43 100

74 9.2 17.5 26.3#

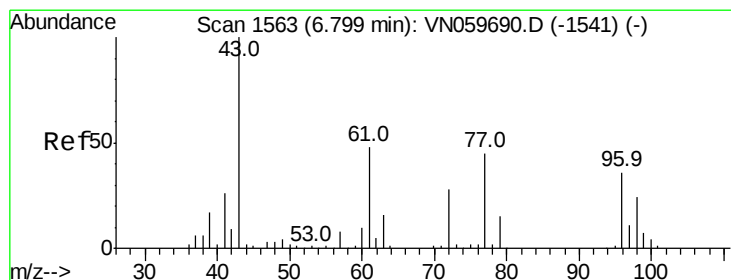
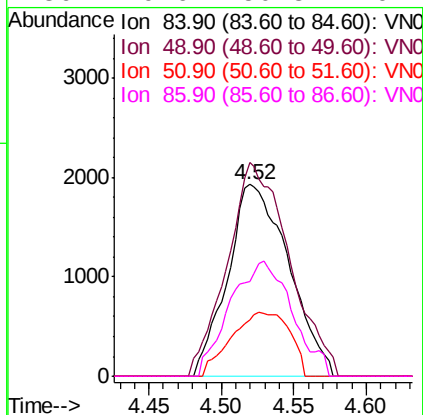
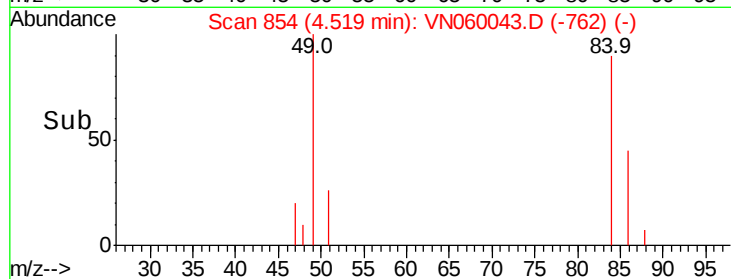
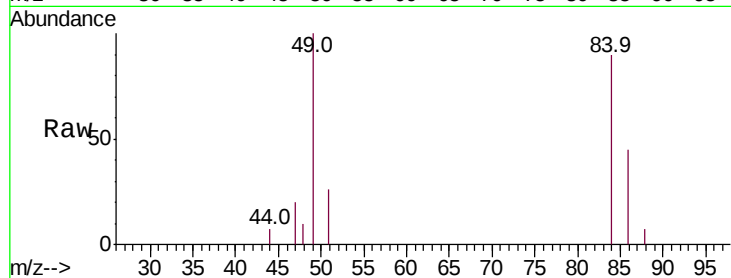




#20
Methvlene Chloride
Concen: 1.592 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060043.D
Acq: 10 Feb 2020 14:02

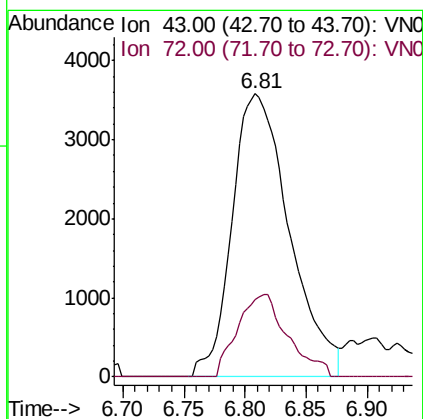
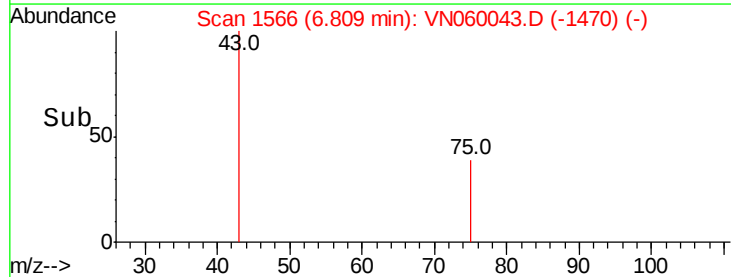
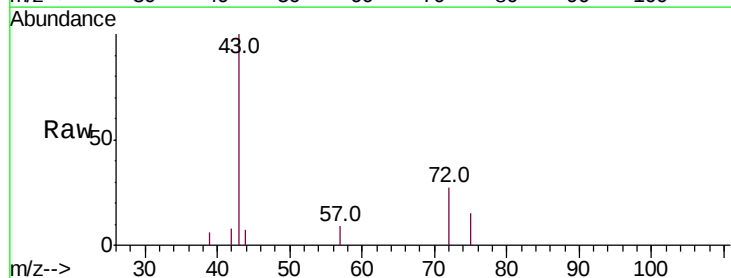
Instrument :
MSVOA_N
ClientSampleId :

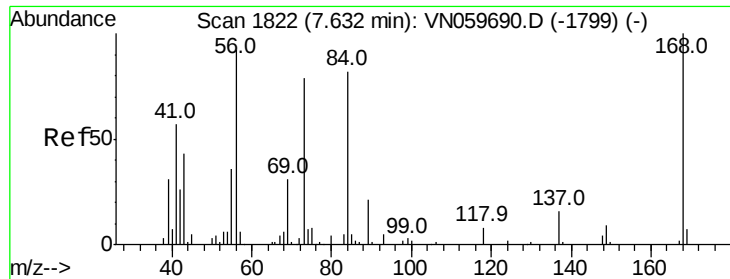
Tot Ion: 84 Resp: 5651
Ion Ratio Lower Upper
84 100
49 111.3 106.6 160.0
51 29.5 31.9 47.9#
86 49.6 50.8 76.2#



#25
2-Butanone
Concen: 9.400 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VN060043.D
Acq: 10 Feb 2020 14:02

Tgt Ion: 43 Resp: 11688
Ion Ratio Lower Upper
43 100
72 27.3 19.9 29.9

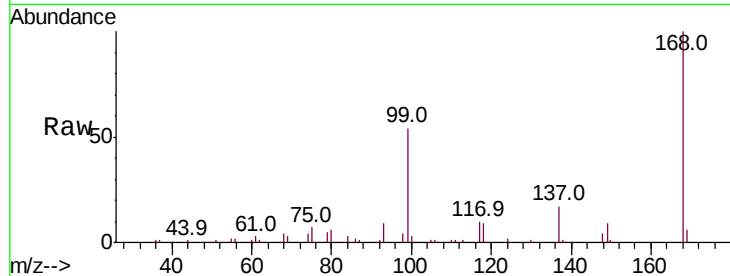




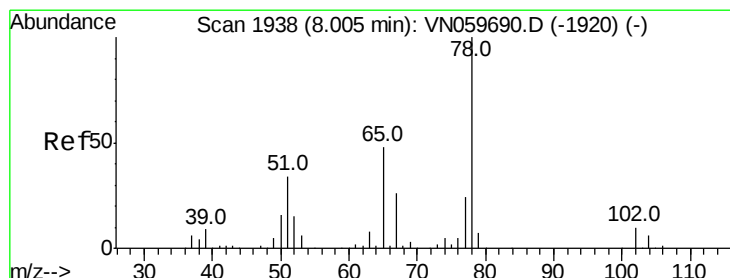
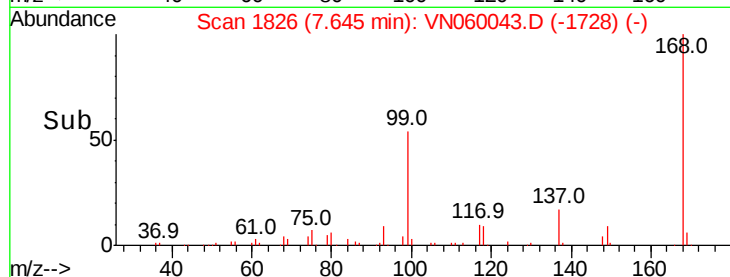
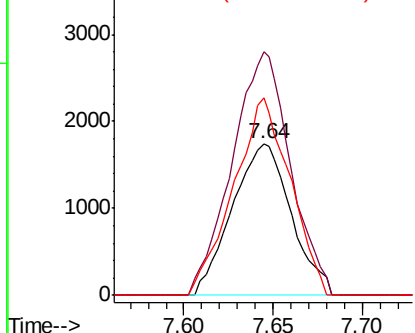
#31
Cyclohexane
Concen: 1.237 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN060043.D
Acq: 10 Feb 2020 14:02

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 4018
Ion Ratio Lower Upper
56 100
69 160.3 26.5 39.7#
84 129.8 65.3 97.9#

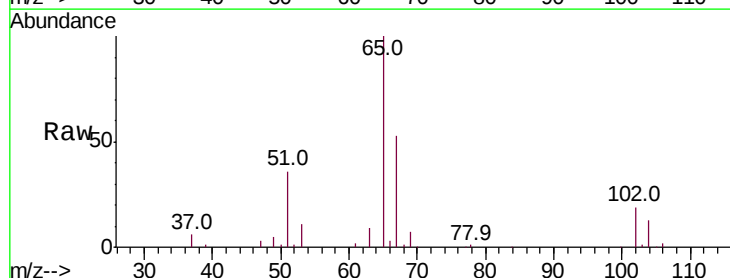


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

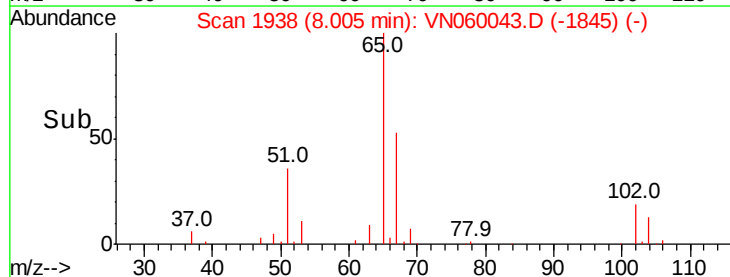
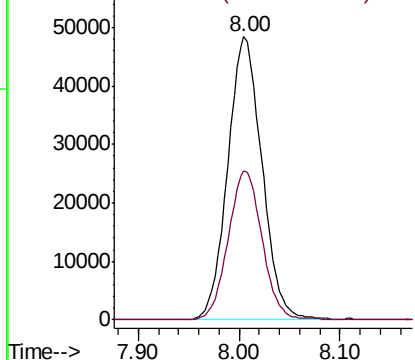


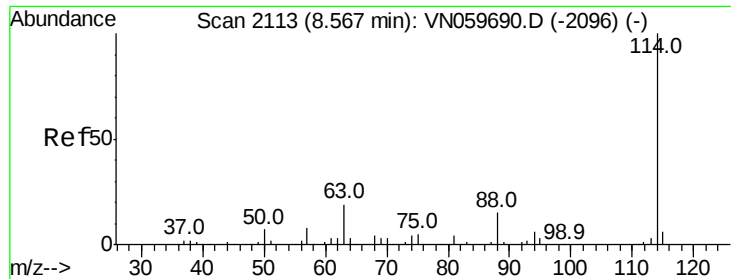
#33
1,2-Dichloroethane-d4
Concen: 52.094 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060043.D
Acq: 10 Feb 2020 14:02

Tgt Ion: 65 Resp: 114387
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.0



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

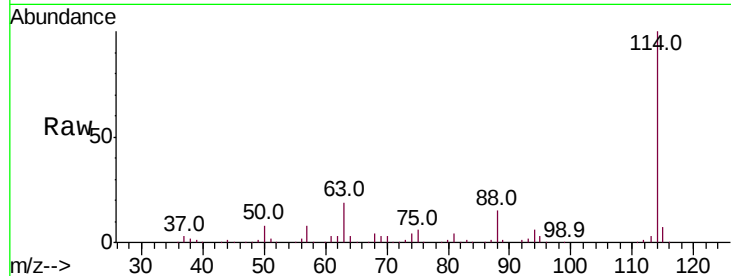




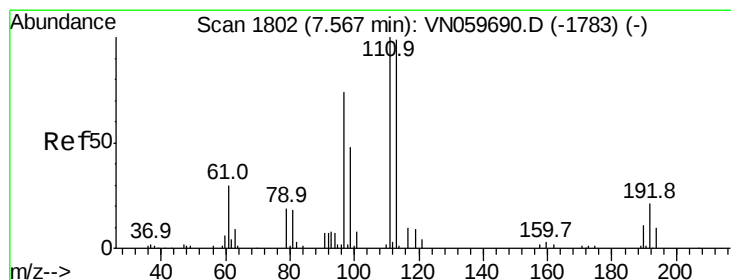
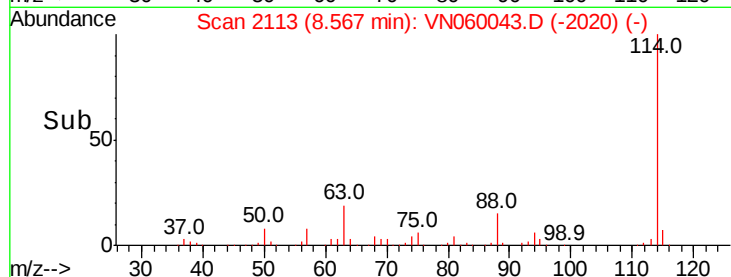
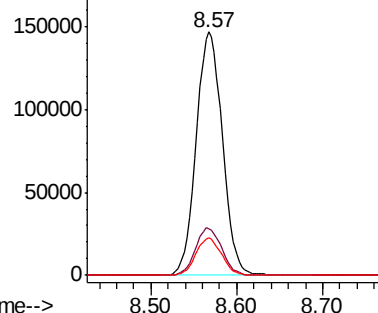
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060043.D
 Acq: 10 Feb 2020 14:02

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	43.6
88	15.5	0.0	31.4

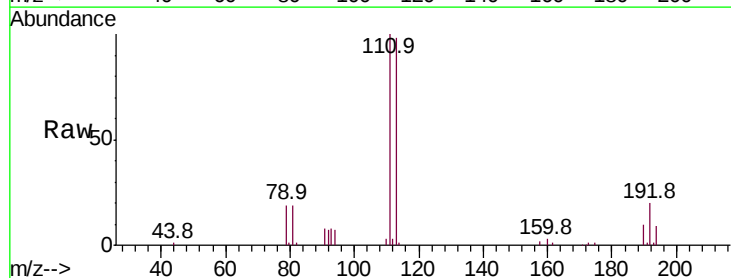


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

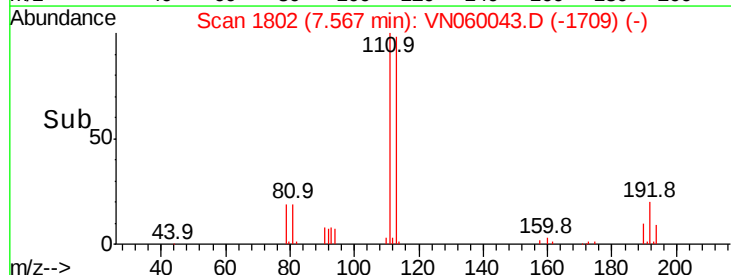
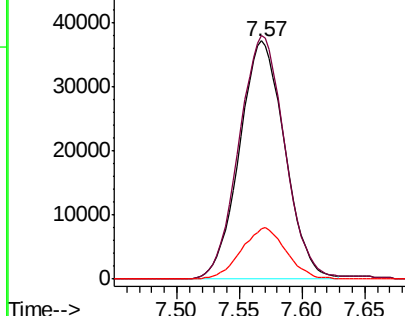


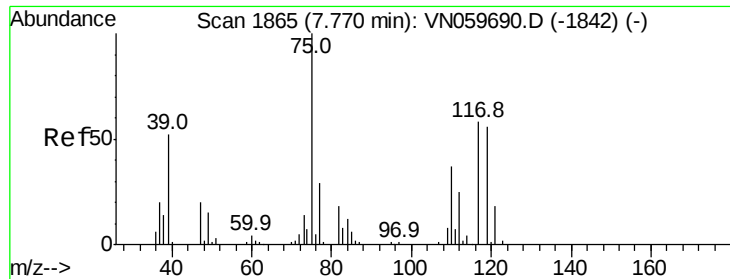
#35
 Dibromofluoromethane
 Concen: 50.376 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060043.D
 Acq: 10 Feb 2020 14:02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.3	83.5	125.3
192	21.3	15.4	23.2



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

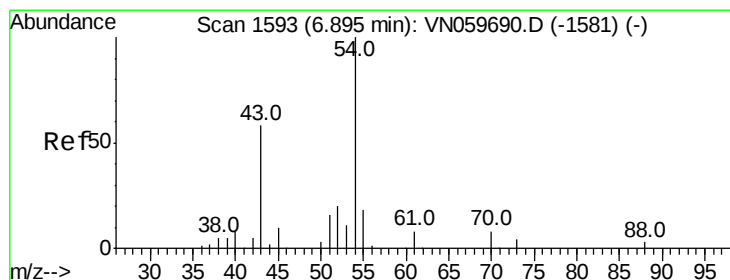
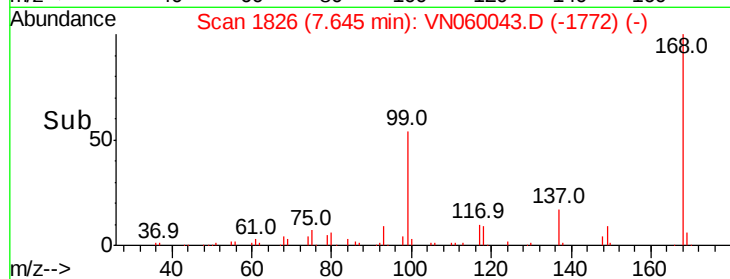
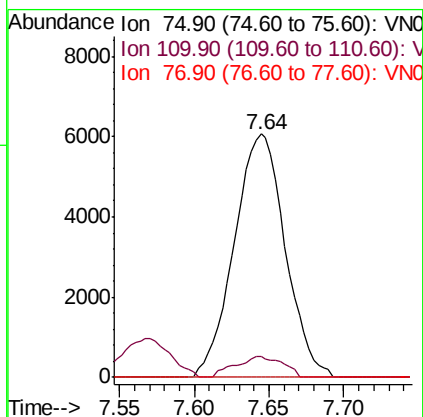
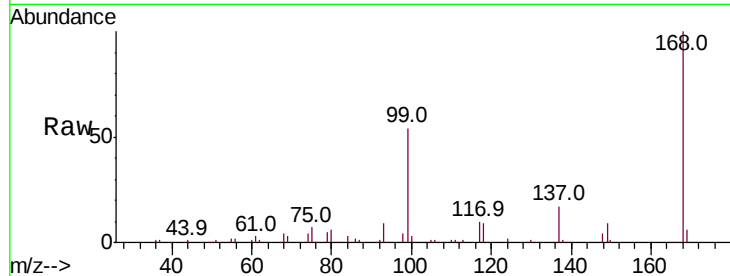




#36
 1,1-Dichloropropene
 Concen: 5.304 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN060043.D
 Acq: 10 Feb 2020 14:02

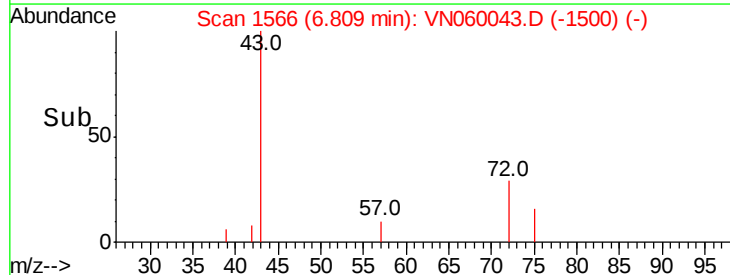
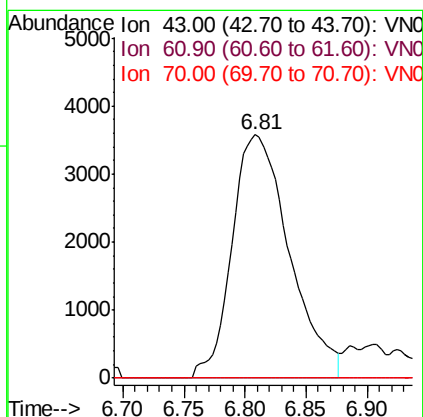
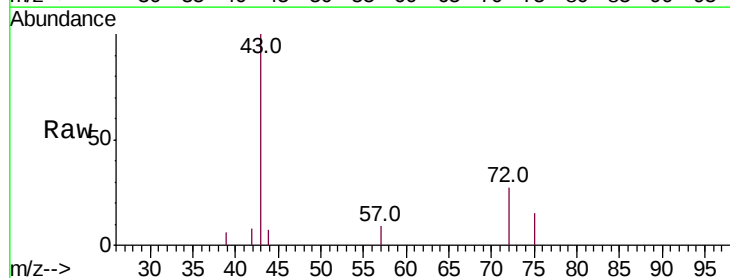
Instrument :
 MSVOA_N
 ClientSampled :

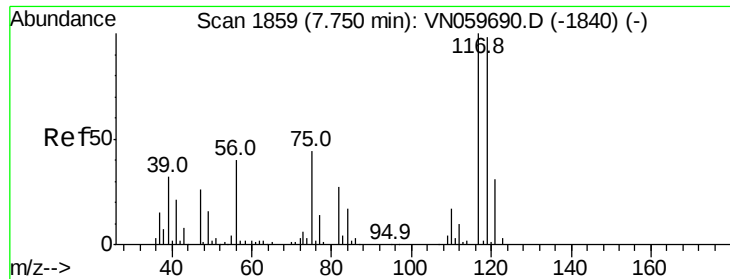
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.0	16.6	49.7#
77	0.0	25.1	37.7#



#37
 Ethyl Acetate
 Concen: 4.596 ug/l
 RT: 6.81 min Scan# 1566
 Delta R.T. -0.09 min
 Lab File: VN060043.D
 Acq: 10 Feb 2020 14:02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.9	16.3#
70	0.0	7.7	11.5#





#38

Carbon Tetrachloride

Concen: 6.343 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.11 min

Lab File: VN060043.D

Acq: 10 Feb 2020 14:02

Instrument :

MSVOA_N

ClientSampled :

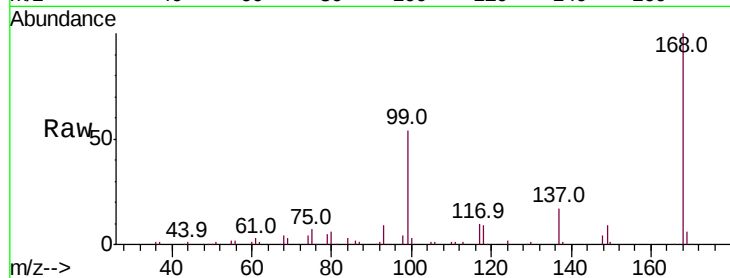
Tot Ion:117 Resp: 18711

Ion Ratio Lower Upper

117 100

119 4.0 76.5 114.7#

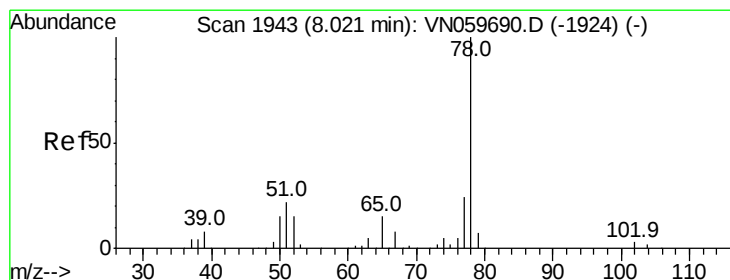
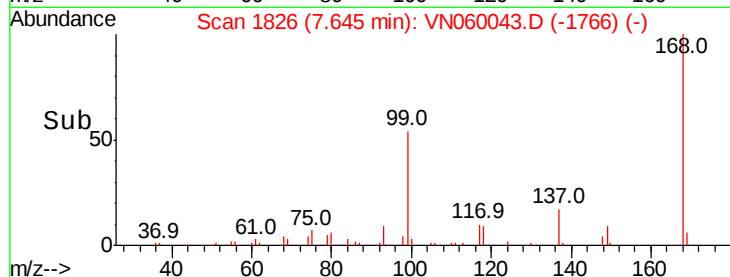
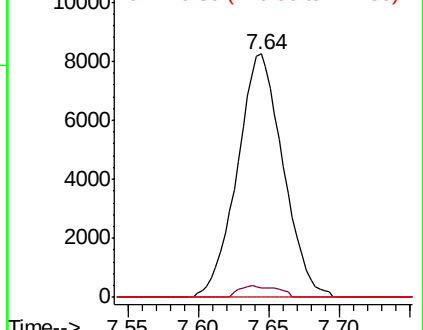
121 0.0 25.1 37.7#



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



#40

Benzene

Concen: 0.319 ug/l

RT: 8.02 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN060043.D

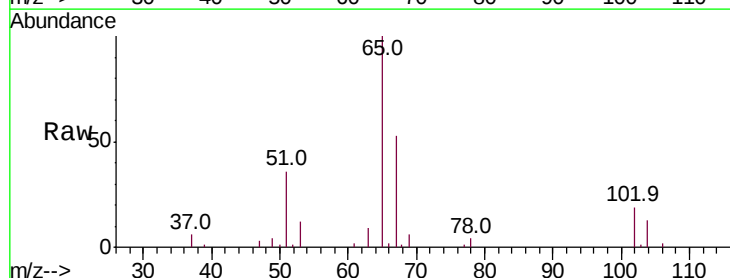
Acq: 10 Feb 2020 14:02

Tgt Ion: 78 Resp: 2577

Ion Ratio Lower Upper

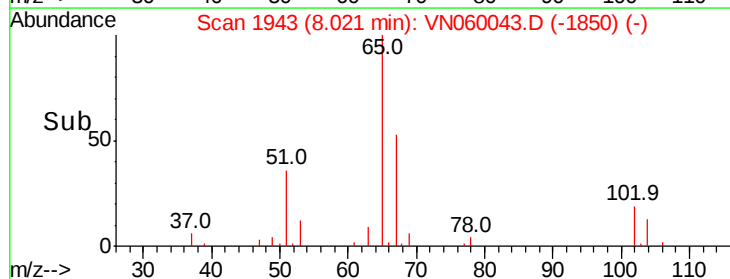
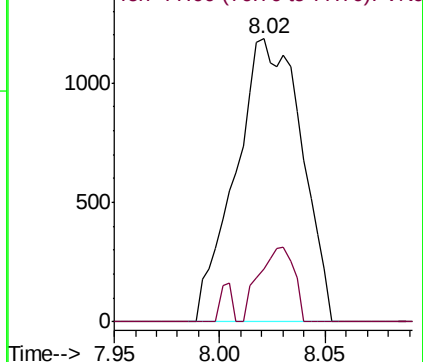
78 100

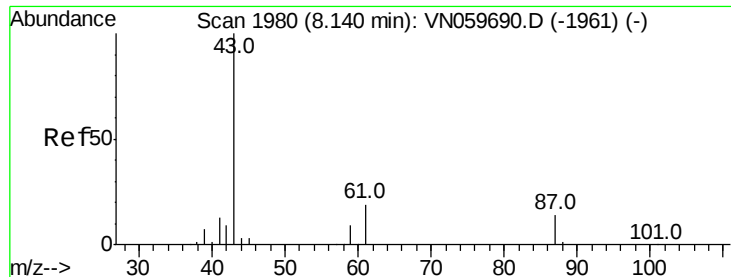
77 18.8 18.9 28.3#



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





#43

Isopropyl Acetate

Concen: 10.545 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN060043.D

Acq: 10 Feb 2020 14:02

Instrument :

MSVOA_N

ClientSampled :

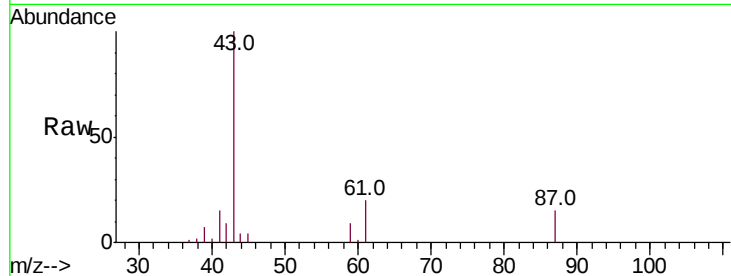
Tot Ion: 43 Resp: 46129

Ion Ratio Lower Upper

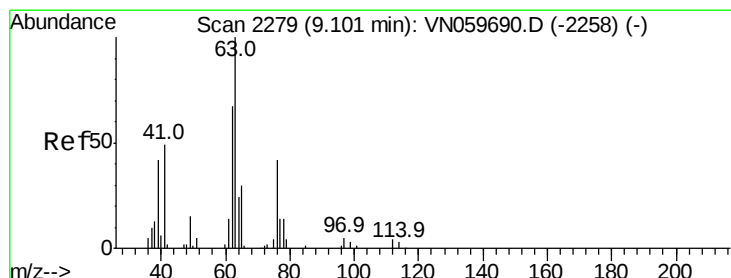
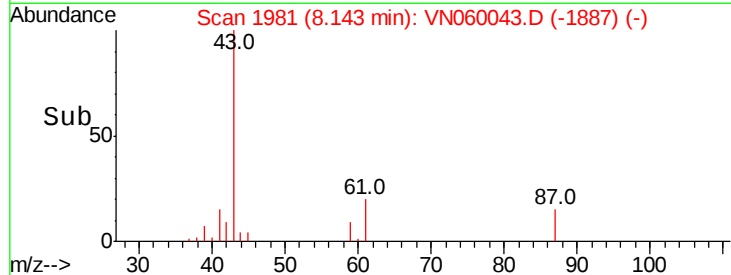
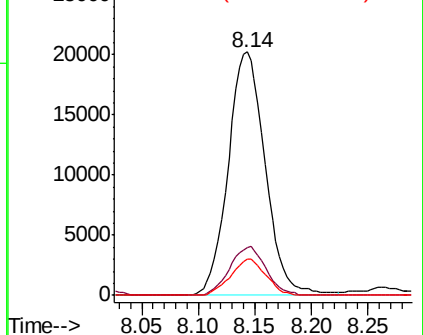
43 100

61 19.5 20.2 30.2#

87 14.1 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: 0.382 ug/l

RT: 9.25 min Scan# 2326

Delta R.T. 0.15 min

Lab File: VN060043.D

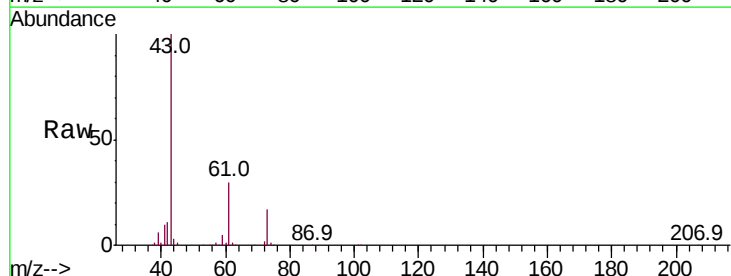
Acq: 10 Feb 2020 14:02

Tgt Ion: 63 Resp: 765

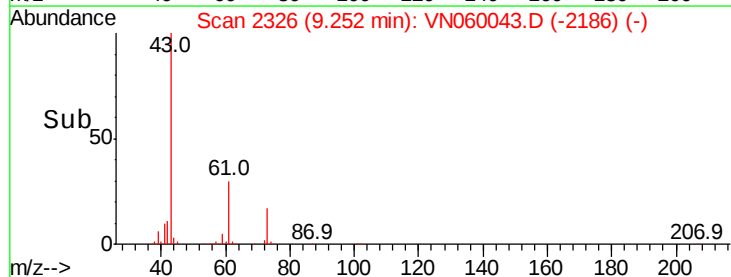
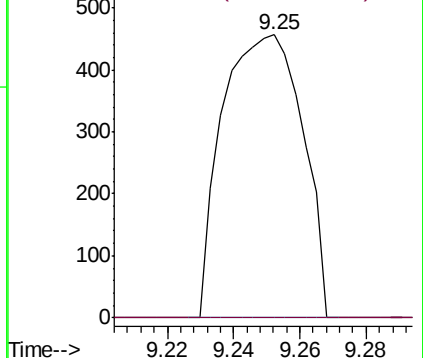
Ion Ratio Lower Upper

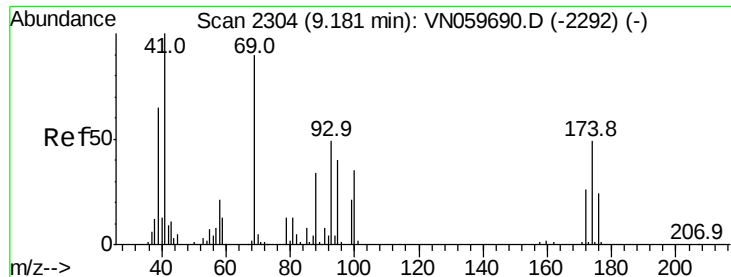
63 100

65 0.0 24.9 37.3#



Abundance Ion 62.90 (62.60 to 63.60): VNO
Ion 64.90 (64.60 to 65.60): VNO

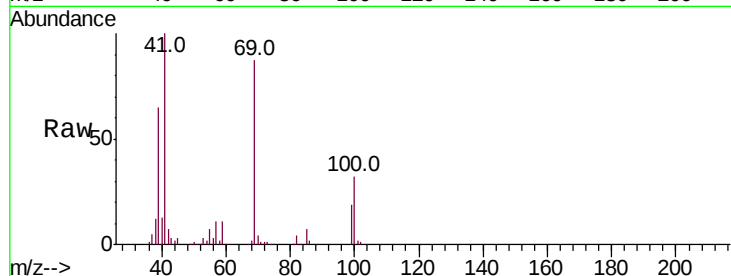




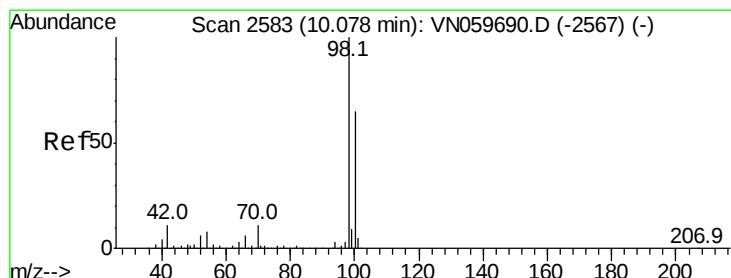
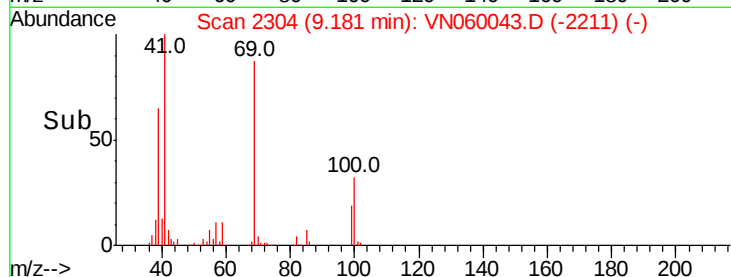
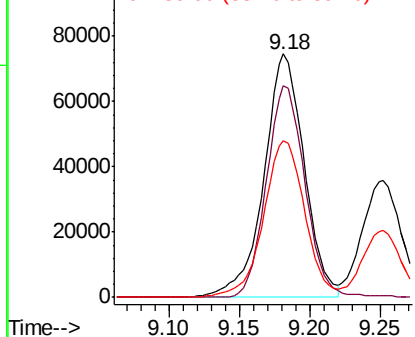
#48
Methvl methacrylate
Concen: 75.912 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN060043.D
Acq: 10 Feb 2020 14:02

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 148542
Ion Ratio Lower Upper
41 100
69 83.1 64.4 96.6
39 65.5 51.3 76.9

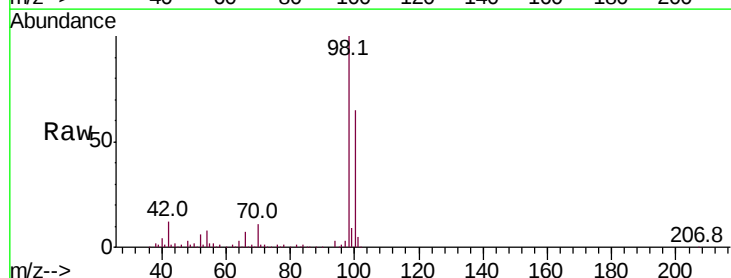


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

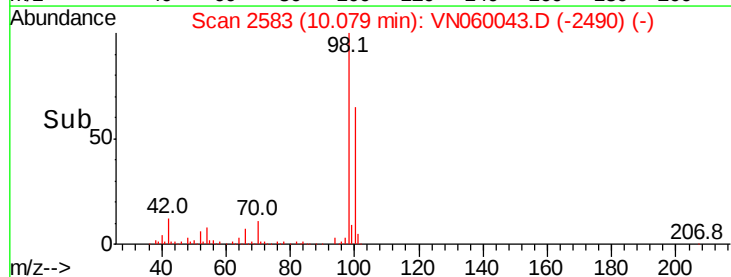
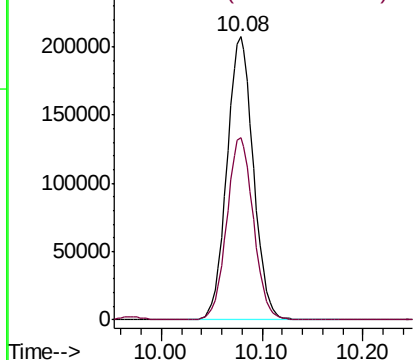


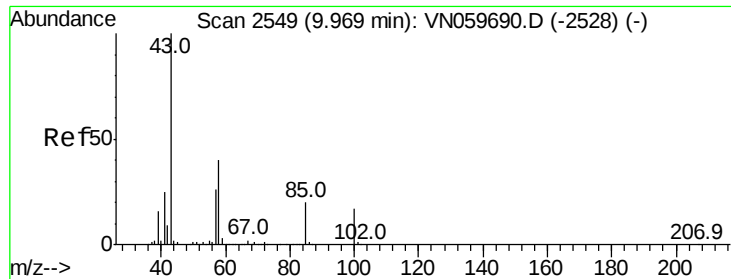
#50
Toluene-d8
Concen: 52.600 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN060043.D
Acq: 10 Feb 2020 14:02

Tgt Ion: 98 Resp: 378447
Ion Ratio Lower Upper
98 100
100 64.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

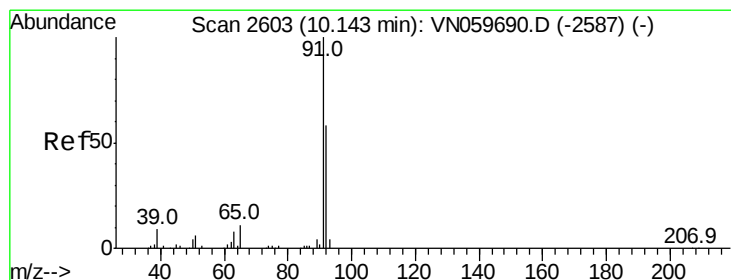
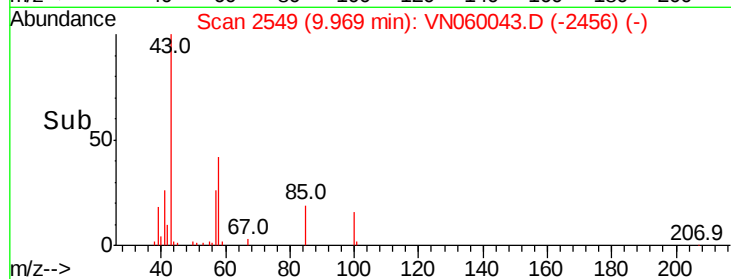
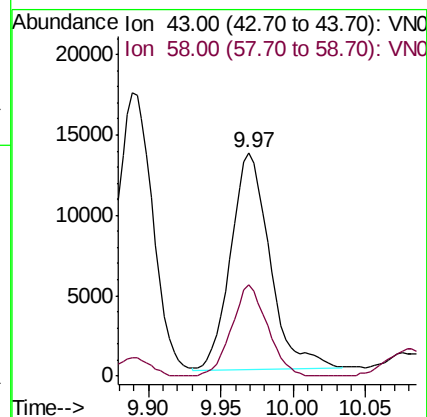
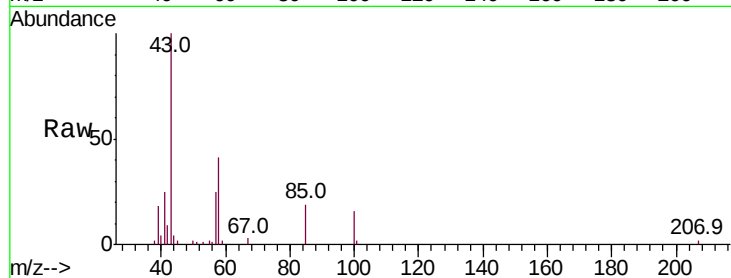




#51
 4-Methyl-2-Pentanone
 Concen: 9.987 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: VN060043.D
 Acq: 10 Feb 2020 14:02

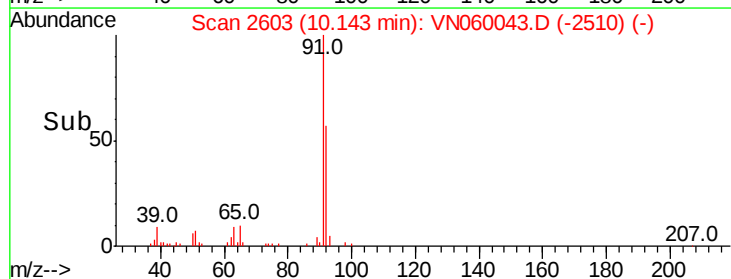
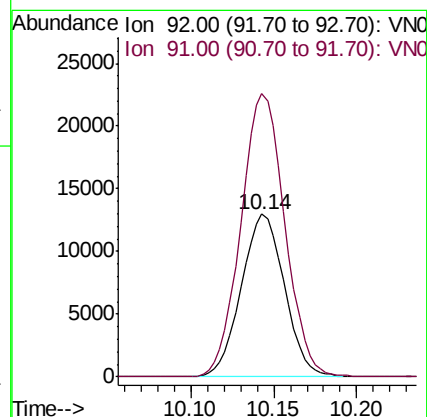
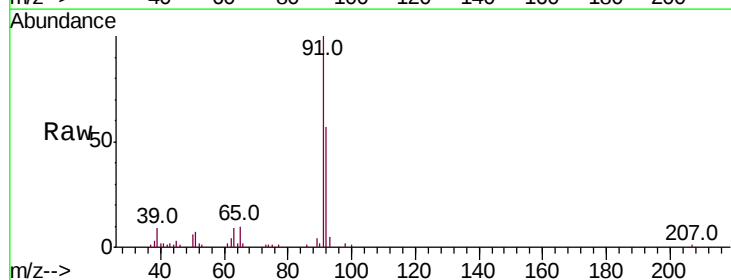
Instrument :
 MSVOA_N
 ClientSampled :

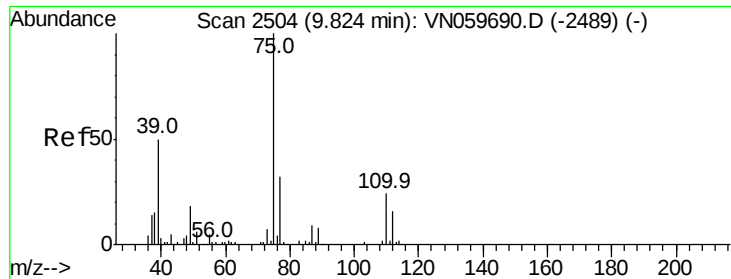
Tot Ion: 43 Resp: 25255
 Ion Ratio Lower Upper
 43 100
 58 38.6 29.8 44.8



#52
 Toluene
 Concen: 4.601 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: VN060043.D
 Acq: 10 Feb 2020 14:02

Tgt Ion: 92 Resp: 23504
 Ion Ratio Lower Upper
 92 100
 91 177.1 140.4 210.6



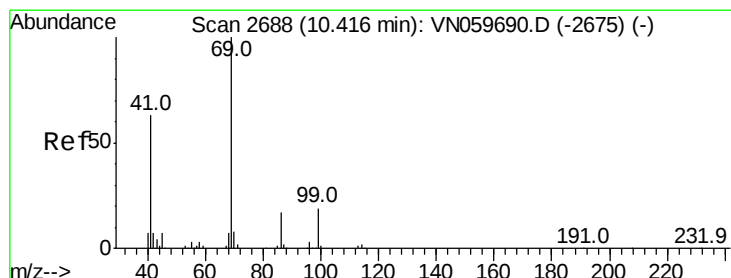
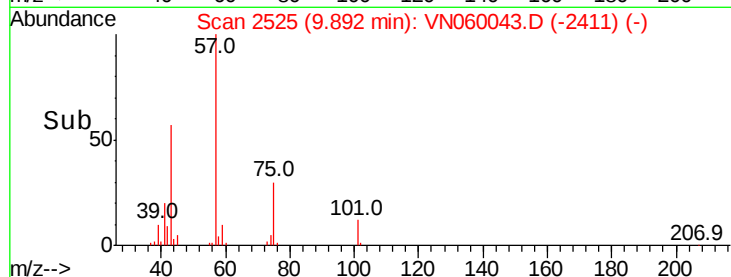
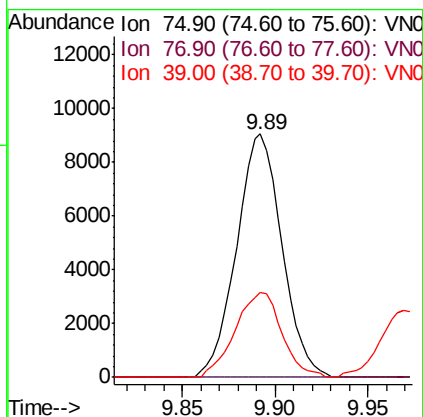
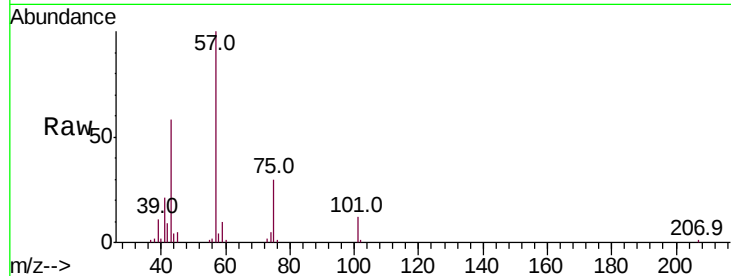


#54

cis-1,3-Dichloropropene
 Concen: 4.604 ug/l
 RT: 9.89 min Scan# 2525
 Delta R.T. 0.07 min
 Lab File: VN060043.D
 Acq: 10 Feb 2020 14:02

Instrument :
 MSVOA_N
 ClientSampleId :

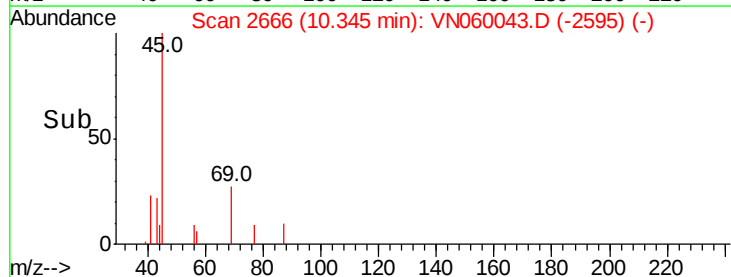
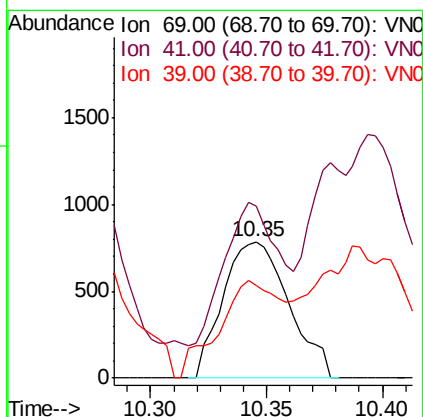
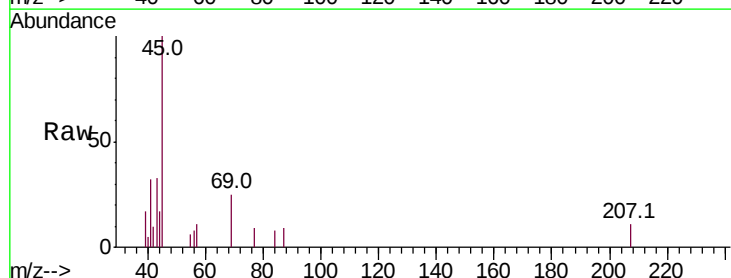
Tot Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.1	37.7#
39	35.1	46.1	69.1#

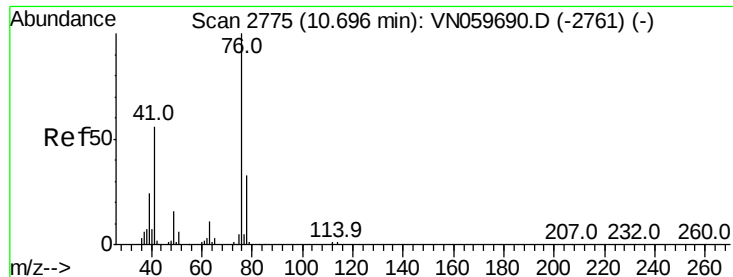


#56

Ethyl methacrylate
 Concen: 0.502 ug/l
 RT: 10.35 min Scan# 2666
 Delta R.T. -0.07 min
 Lab File: VN060043.D
 Acq: 10 Feb 2020 14:02

Tgt Ion	Ratio	Lower	Upper
69	100		
41	87.0	57.1	85.7#
39	65.9	34.7	52.1#





#57

1,3-Dichloropropane

Concen: 0.658 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.06 min

Lab File: VN060043.D

Acq: 10 Feb 2020 14:02

Instrument :

MSVOA_N

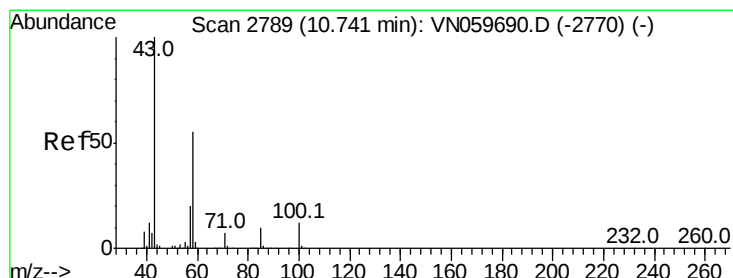
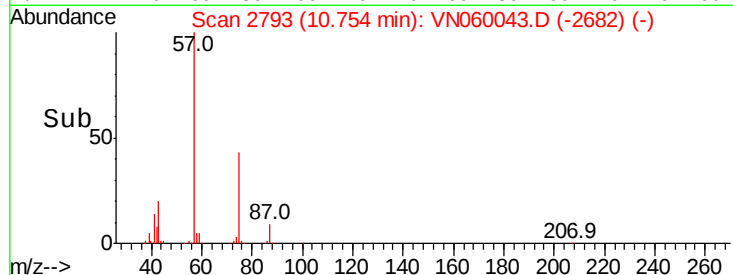
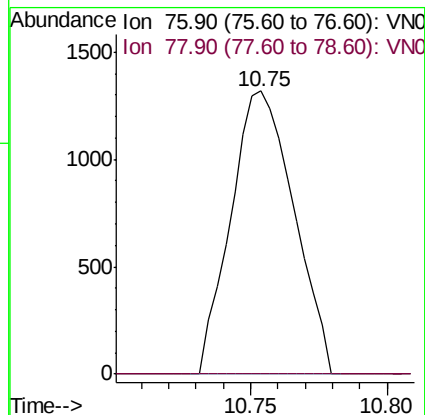
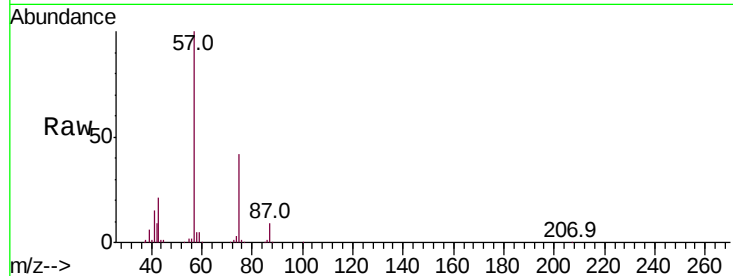
ClientSampleId :

Tot Ion: 76 Resp: 2113

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.8#



#59

2-Hexanone

Concen: 4.274 ug/l

RT: 10.59 min Scan# 2743

Delta R.T. -0.15 min

Lab File: VN060043.D

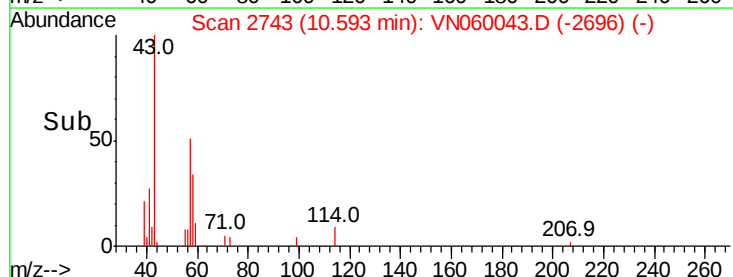
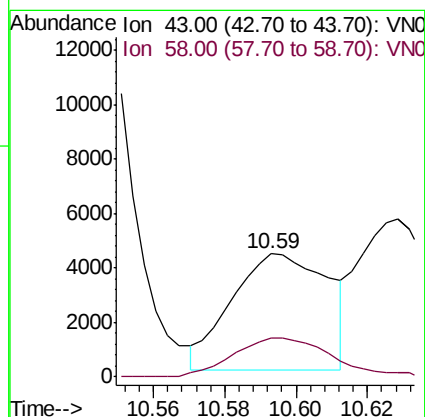
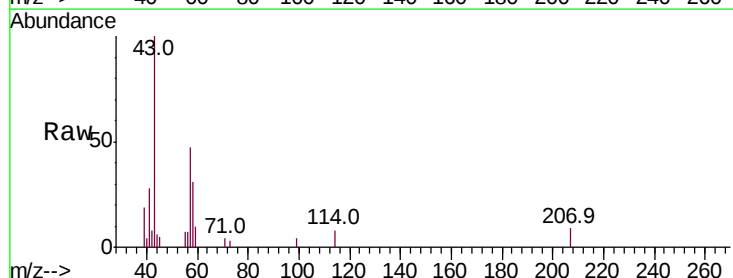
Acq: 10 Feb 2020 14:02

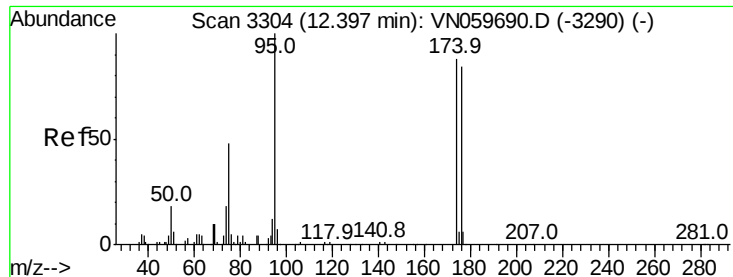
Tgt Ion: 43 Resp: 7962

Ion Ratio Lower Upper

43 100

58 34.2 25.8 77.3





#62

4-Bromofluorobenzene

Concen: 53.696 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060043.D

Acq: 10 Feb 2020 14:02

Instrument :

MSVOA_N

ClientSampled :

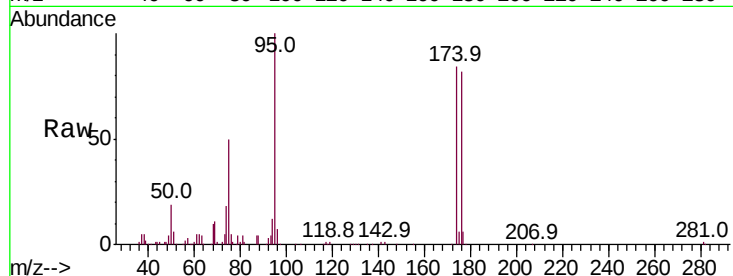
Tot Ion: 95 Resp: 139272

Ion Ratio Lower Upper

95 100

174 84.0 0.0 151.4

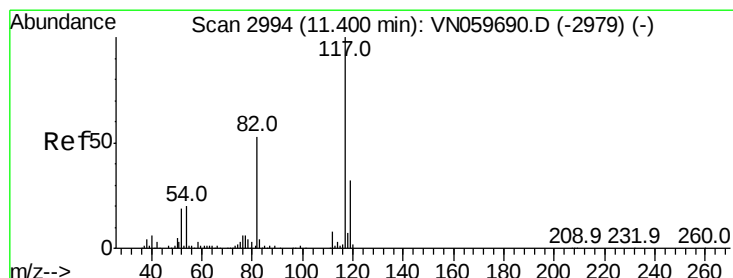
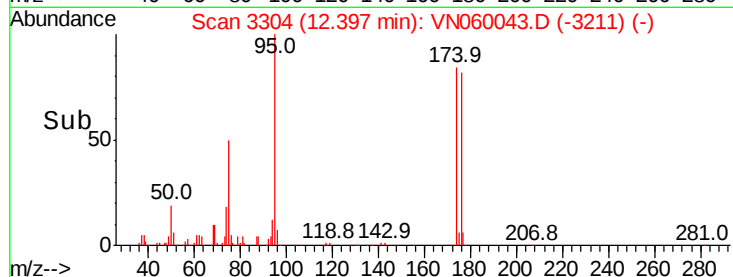
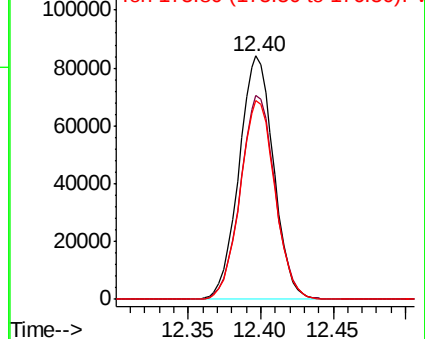
176 82.3 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059690.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN059690.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN059690.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060043.D

Acq: 10 Feb 2020 14:02

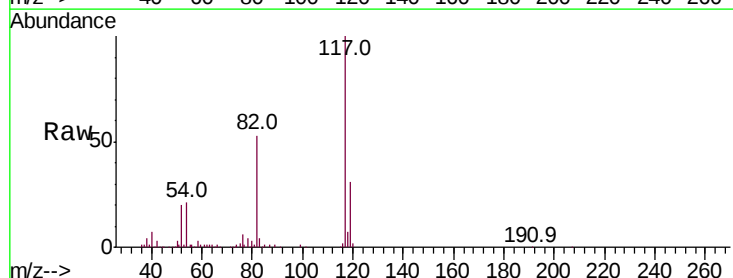
Tgt Ion: 117 Resp: 296213

Ion Ratio Lower Upper

117 100

82 53.3 45.9 68.9

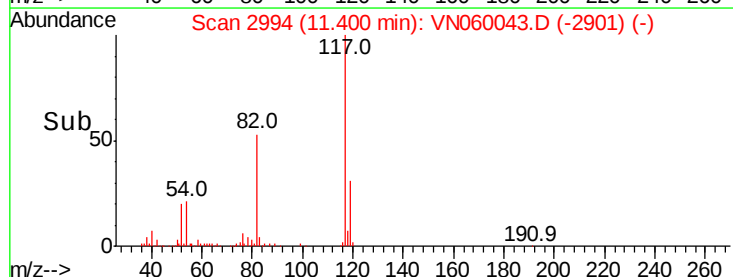
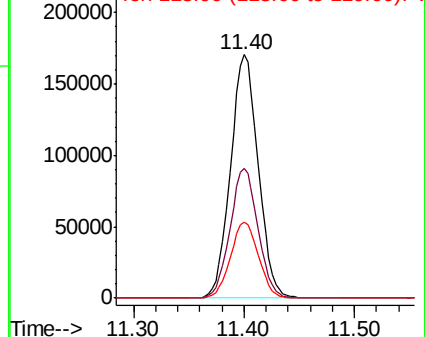
119 31.2 25.5 38.3

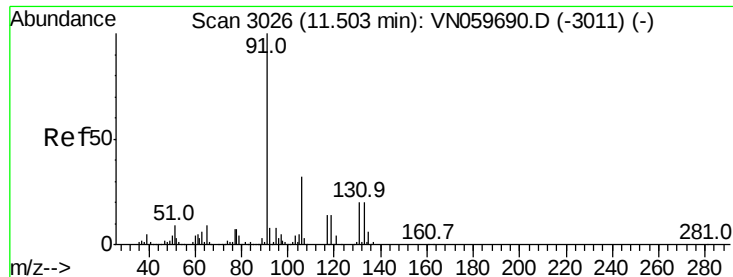


Abundance Ion 116.90 (116.60 to 117.60): VN059690.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN059690.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN059690.D (-2979) (-)





#67

Ethyl Benzene

Concen: 0.791 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN060043.D

Acq: 10 Feb 2020 14:02

Instrument :

MSVOA_N

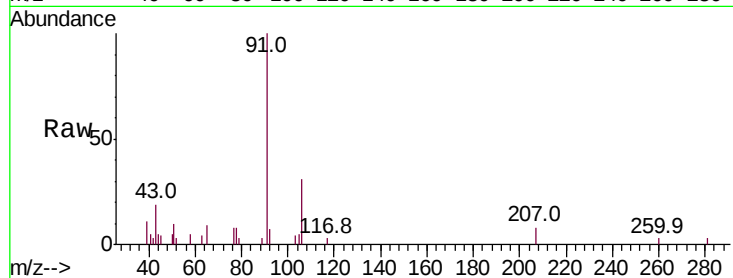
ClientSampled :

Tot Ion: 91 Resp: 8355

Ion Ratio Lower Upper

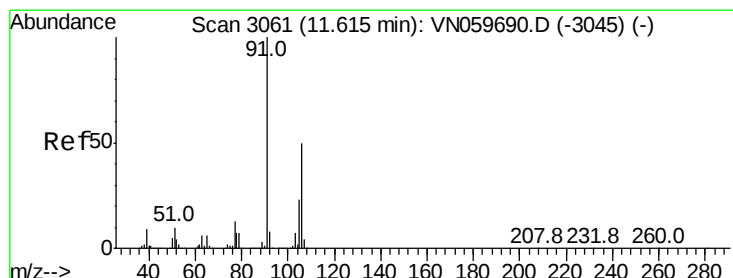
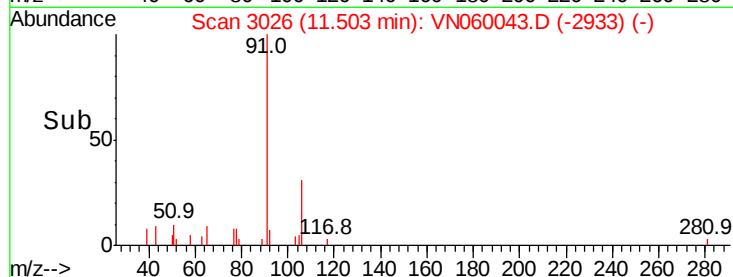
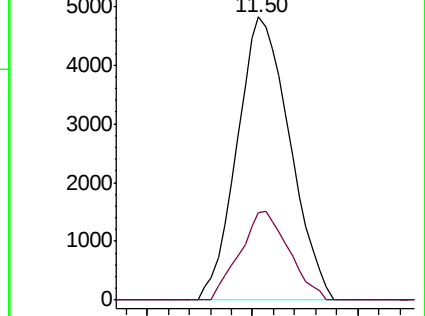
91 100

106 30.9 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 1.747 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060043.D

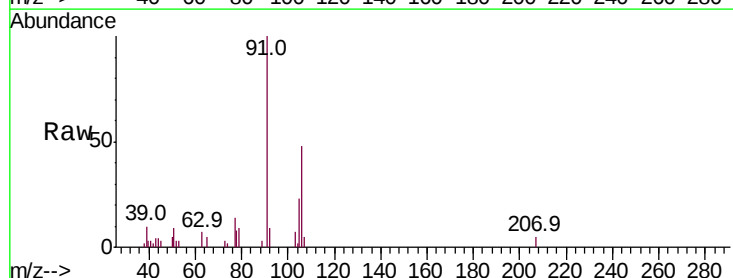
Acq: 10 Feb 2020 14:02

Tgt Ion: 106 Resp: 6976

Ion Ratio Lower Upper

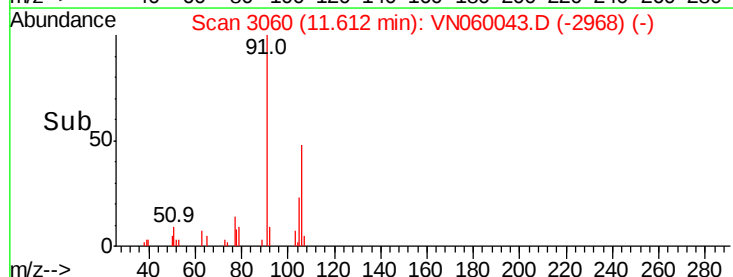
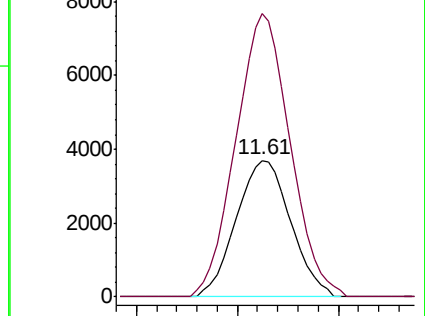
106 100

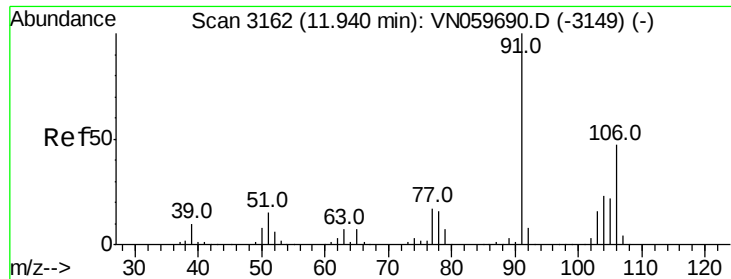
91 206.6 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

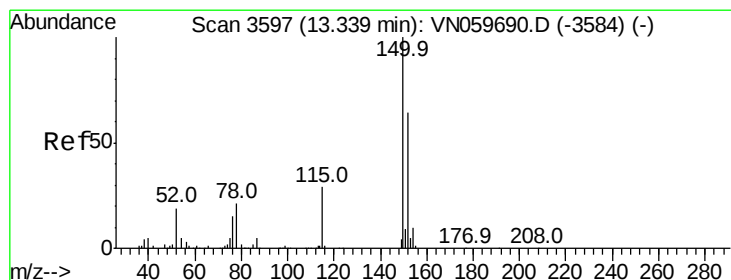
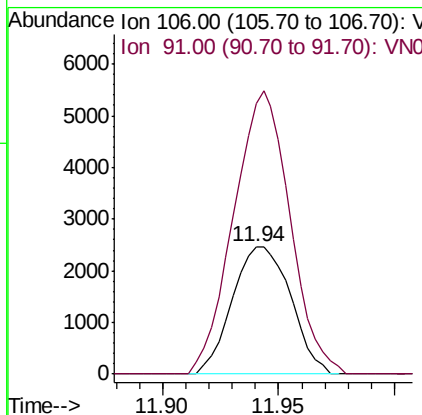
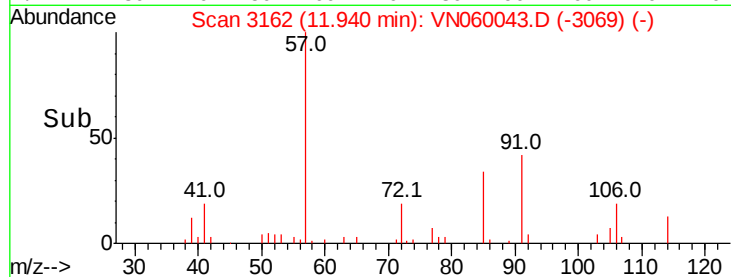
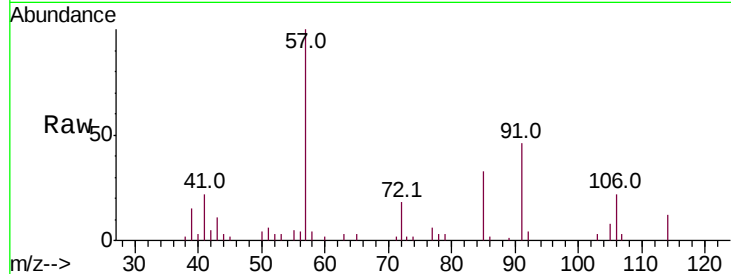




#69
o-Xylene
Concen: 1.104 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060043.D
Acq: 10 Feb 2020 14:02

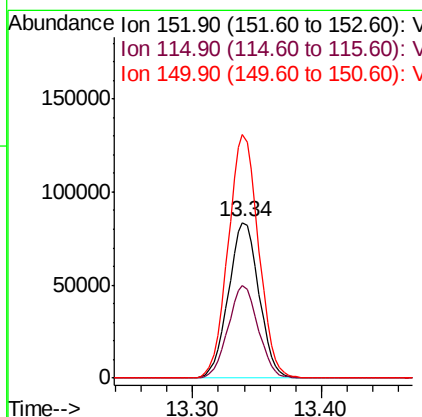
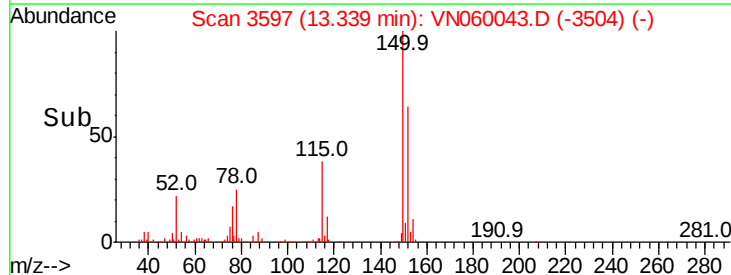
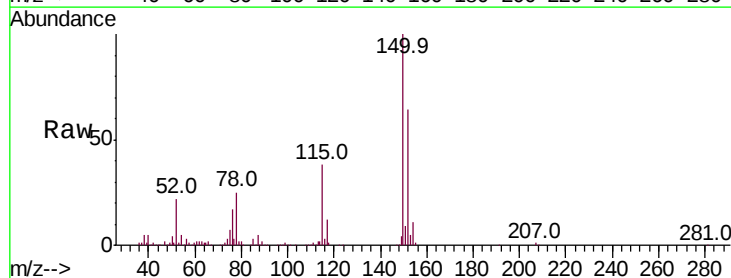
Instrument :
MSVOA_N
ClientSampled :

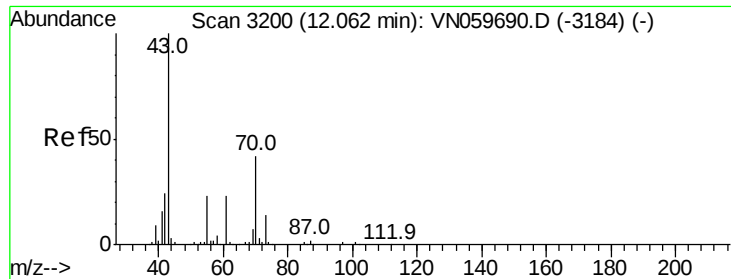
Tot Ion:106 Resp: 4316
Ion Ratio Lower Upper
106 100
91 214.6 110.3 330.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060043.D
Acq: 10 Feb 2020 14:02

Tgt Ion:152 Resp: 137406
Ion Ratio Lower Upper
152 100
115 58.5 30.3 90.9
150 155.5 0.0 345.2





#74

N-amvl acetate

Concen: 4.038 ug/l

RT: 12.06 min Scan# 3198

Delta R.T. -0.01 min

Lab File: VN060043.D

Acq: 10 Feb 2020 14:02

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 15788

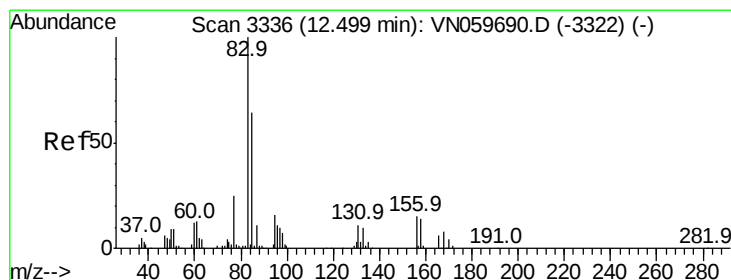
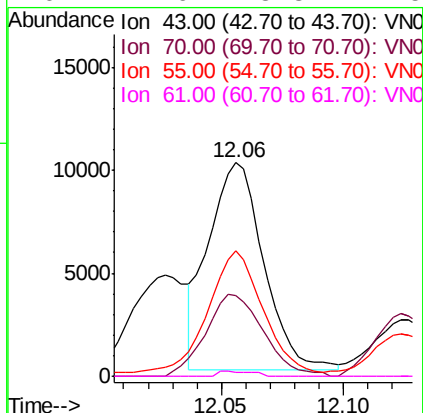
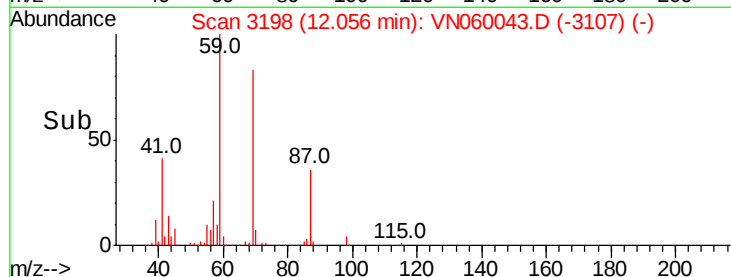
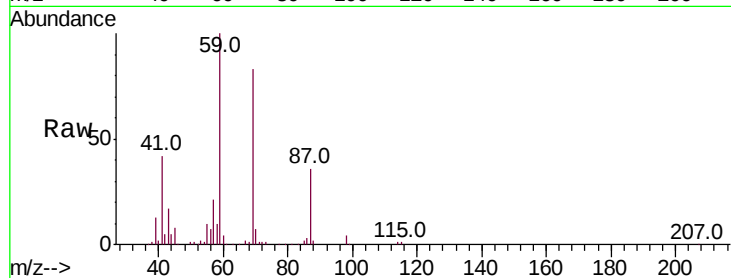
Ion Ratio Lower Upper

43 100

70 41.5 31.3 46.9

55 58.6 19.8 29.6#

61 1.6 18.3 27.5#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.631 ug/l

RT: 12.52 min Scan# 3341

Delta R.T. 0.02 min

Lab File: VN060043.D

Acq: 10 Feb 2020 14:02

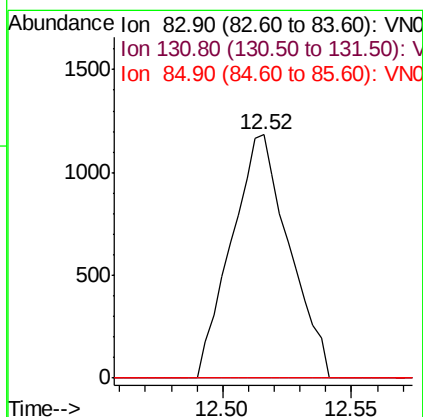
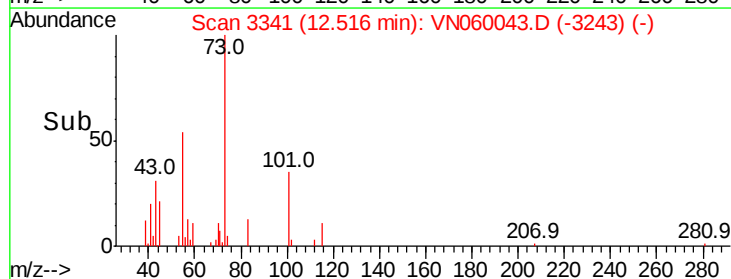
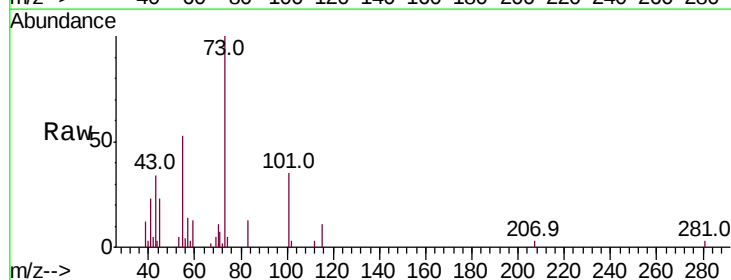
Tgt Ion: 83 Resp: 1844

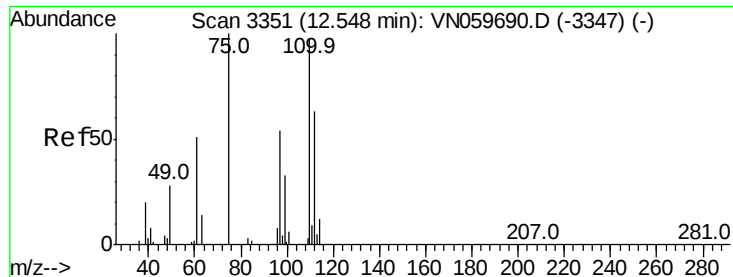
Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

85 0.0 31.9 95.5#





#76

1,2,3-Trichloropropane

Concen: 30.608 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060043.D

Acq: 10 Feb 2020 14:02

Instrument :

MSVOA_N

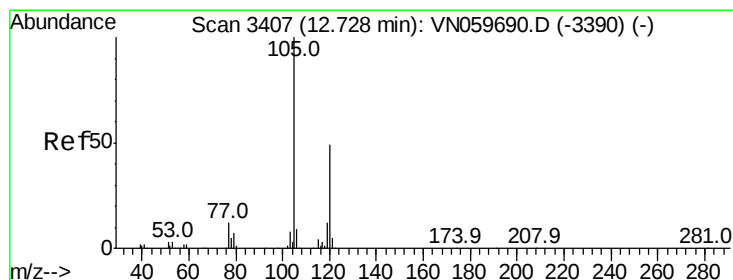
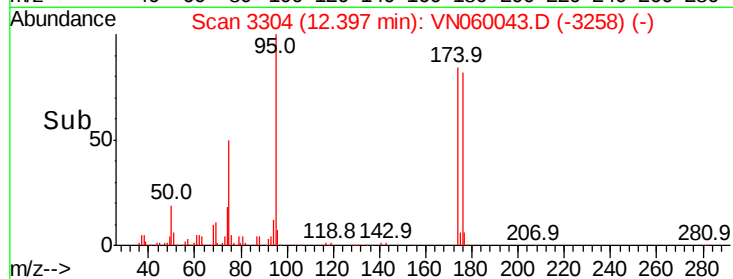
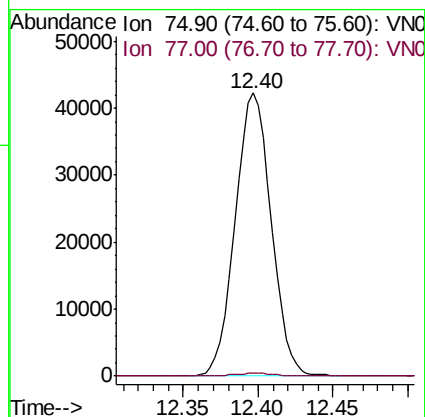
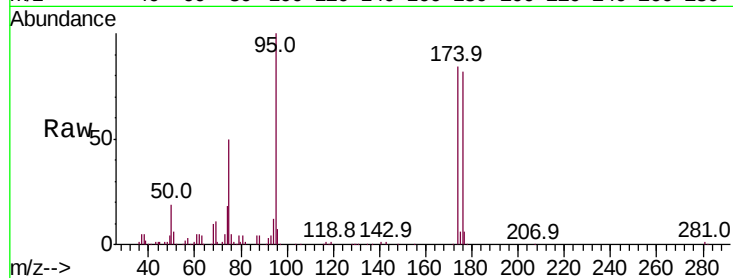
ClientSampleId :

Tot Ion: 75 Resp: 70777

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#80

1,3,5-Trimethylbenzene

Concen: 0.316 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.07 min

Lab File: VN060043.D

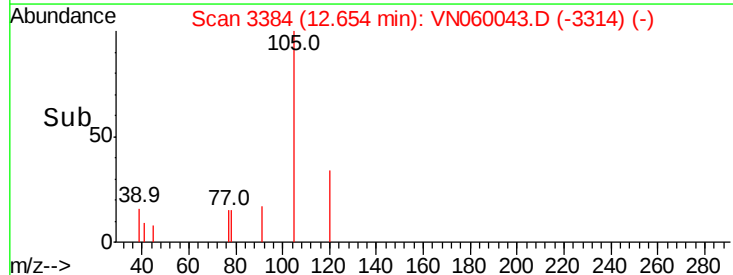
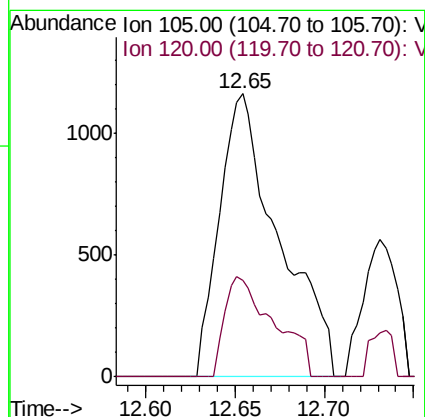
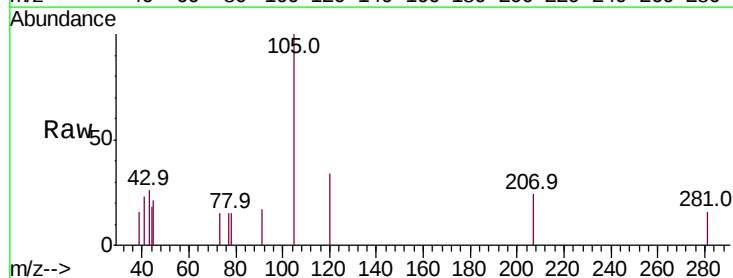
Acq: 10 Feb 2020 14:02

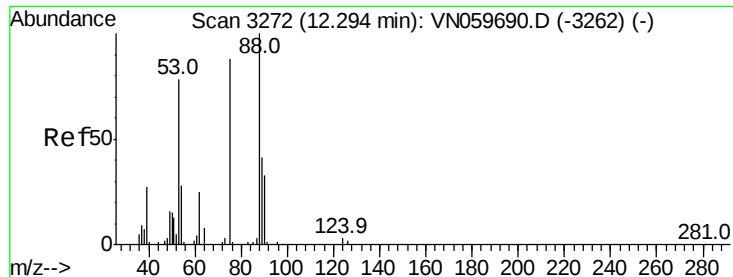
Tgt Ion: 105 Resp: 2679

Ion Ratio Lower Upper

105 100

120 29.5 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 65.730 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060043.D

Acq: 10 Feb 2020 14:02

Instrument :

MSVOA_N

ClientSampled :

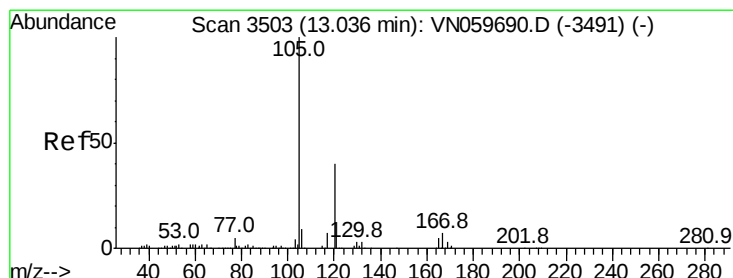
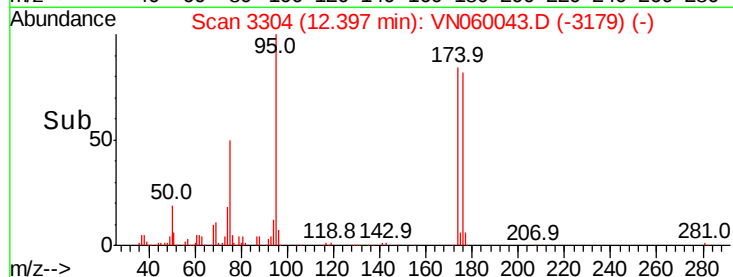
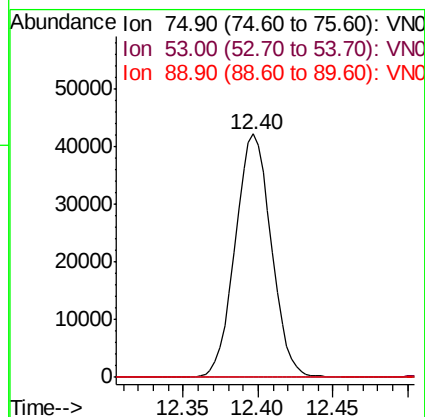
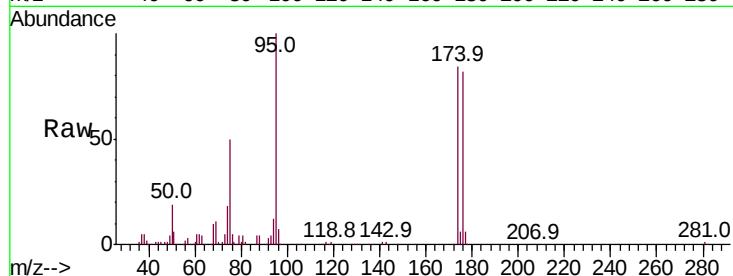
Tot Ion: 75 Resp: 70777

Ion Ratio Lower Upper

75 100

53 0.0 78.1 117.1#

89 0.0 35.4 53.2#



#84

1,2,4-Trimethylbenzene

Concen: 0.304 ug/l

RT: 13.03 min Scan# 3502

Delta R.T. -0.00 min

Lab File: VN060043.D

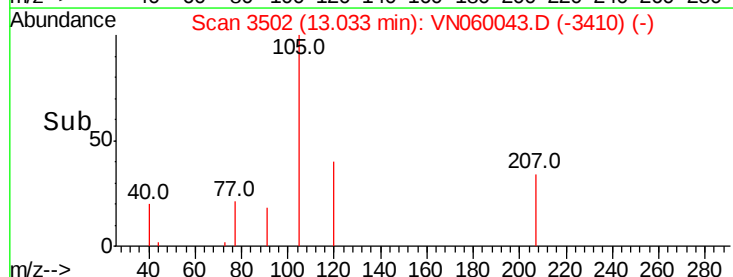
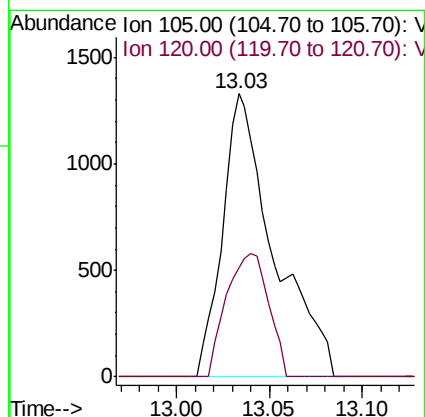
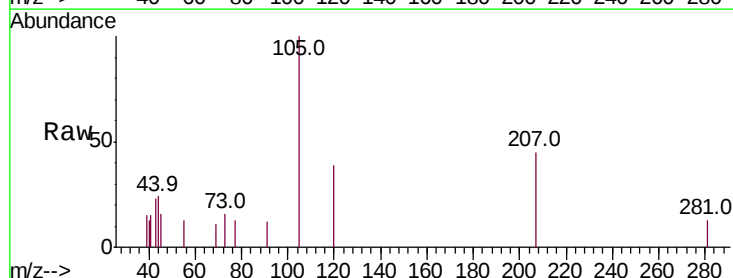
Acq: 10 Feb 2020 14:02

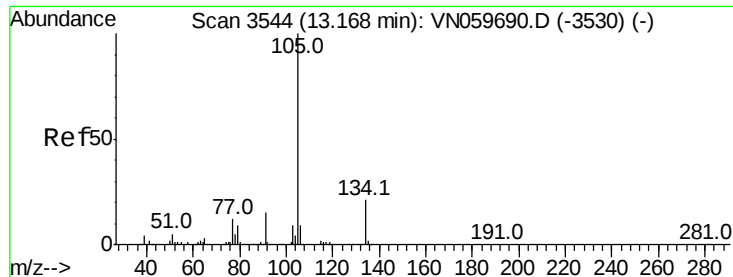
Tgt Ion: 105 Resp: 2546

Ion Ratio Lower Upper

105 100

120 35.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 0.264 ug/l

RT: 13.03 min Scan# 3502

Delta R.T. -0.13 min

Lab File: VN060043.D

Acq: 10 Feb 2020 14:02

Instrument :

MSVOA_N

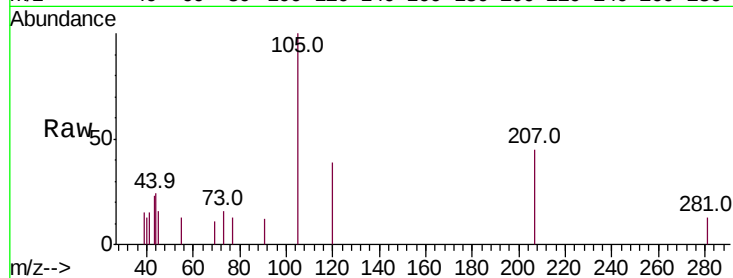
ClientSampled :

Tot Ion:105 Resp: 2546

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.03

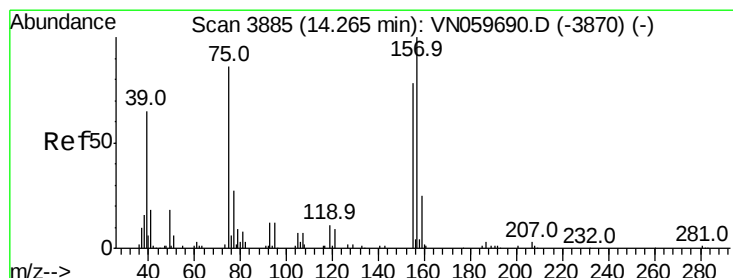
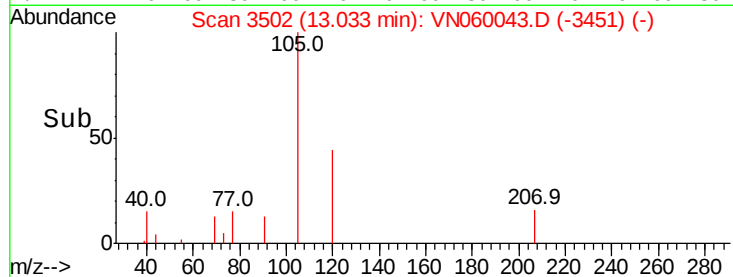
1500

1000

500

0

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.27 min Scan# 3888

Delta R.T. 0.01 min

Lab File: VN060043.D

Acq: 10 Feb 2020 14:02

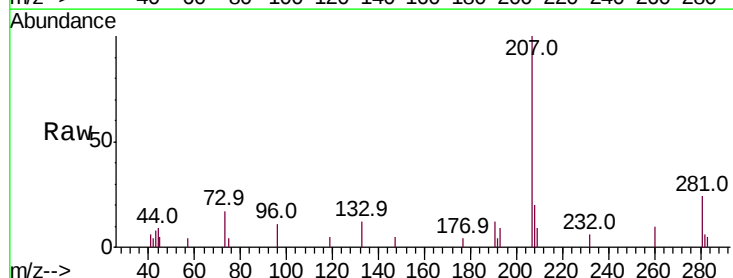
Tgt Ion: 75 Resp: 29

Ion Ratio Lower Upper

75 100

155 0.0 37.0 110.9#

157 0.0 48.4 145.2#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

200

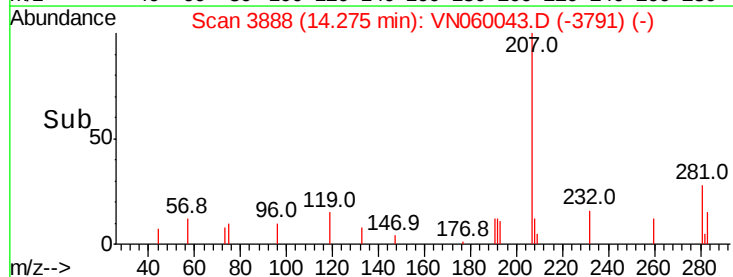
150

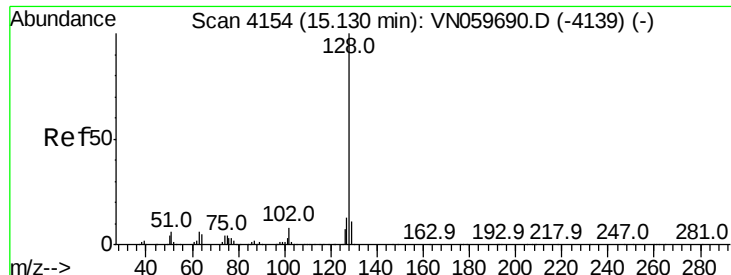
100

50

0

Time-->





#95

Naphthalene

Concen: 0.213 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN060043.D

Acq: 10 Feb 2020 14:02

Instrument :

MSVOA_N

ClientSampleId :

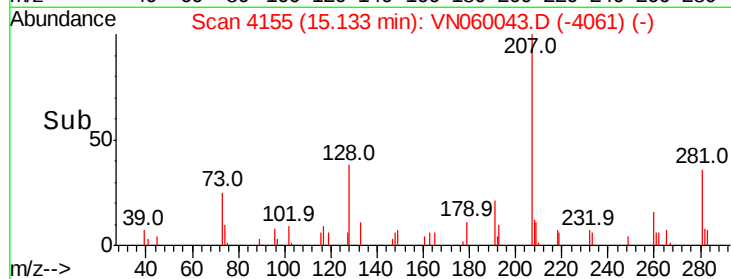
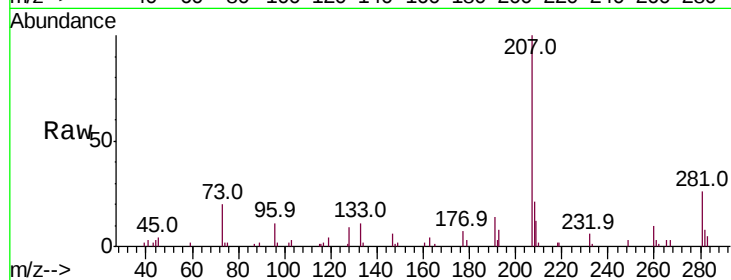
Tot Ion:128 Resp: 1596

Ion Ratio Lower Upper

128 100

127 6.0 10.4 15.6#

129 0.0 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

