

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021020\
 Data File : VN060038.D
 Acq On : 10 Feb 2020 12:09
 Operator : JC/MD
 Sample : PB126661TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 11 07:07:44 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	192322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	302499	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	276561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	120405	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	113718	53.24	ug/l	0.00
Spiked Amount			Recovery	=	106.48%	
35) Dibromofluoromethane	7.57	113	91924	50.96	ug/l	0.00
Spiked Amount			Recovery	=	101.92%	
50) Toluene-d8	10.08	98	364557	52.16	ug/l	0.00
Spiked Amount			Recovery	=	104.32%	
62) 4-Bromofluorobenzene	12.40	95	126209	50.09	ug/l	0.00
Spiked Amount			Recovery	=	100.18%	

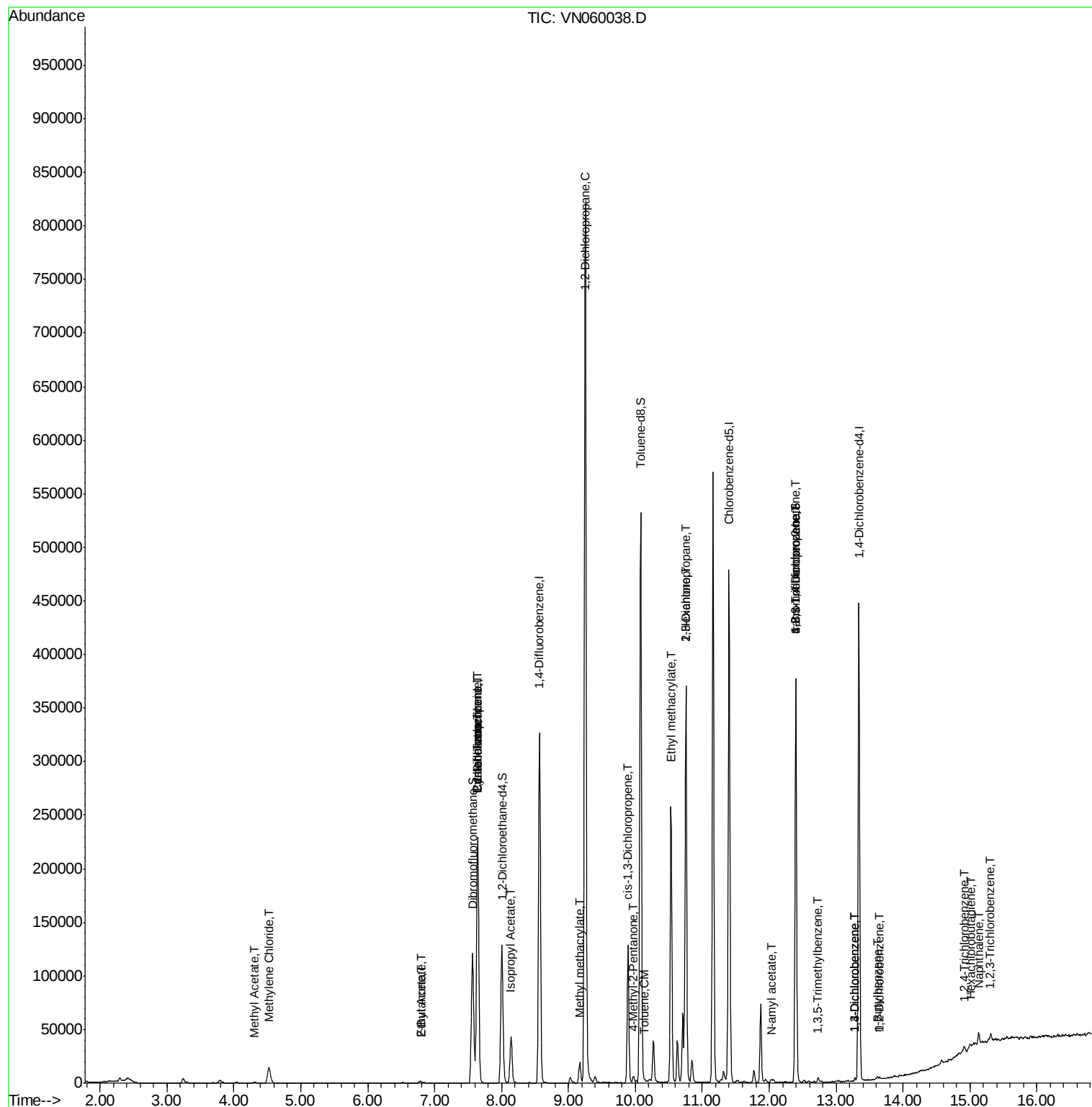
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	4968	Below Cal		98
18) Methyl Acetate	4.30	43	1265	0.507	ug/l #	54
20) Methylene Chloride	4.53	84	12131	5.116	ug/l	87
25) 2-Butanone	6.81	43	642	0.531	ug/l #	50
31) Cyclohexane	7.64	56	3955	1.252	ug/l #	23
36) 1,1-Dichloropropene	7.64	75	14228	5.401	ug/l #	50
37) Ethyl Acetate	6.81	43	642	0.260	ug/l #	69
38) Carbon Tetrachloride	7.64	117	18551	6.474	ug/l #	15
43) Isopropyl Acetate	8.14	43	51657	12.155	ug/l	92
45) 1,2-Dichloropropane	9.25	63	982	0.505	ug/l #	44
48) Methyl methacrylate	9.17	41	2889	1.520	ug/l #	13
51) 4-Methyl-2-Pentanone	9.97	43	4590	1.868	ug/l	94
52) Toluene	10.15	92	1211	0.244	ug/l	88
54) cis-1,3-Dichloropropene	9.89	75	24369	7.506	ug/l #	59
56) Ethyl methacrylate	10.53	69	602	0.200	ug/l #	1
57) 1,3-Dichloropropane	10.75	76	3995	1.280	ug/l #	42
59) 2-Hexanone	10.75	43	54115	29.901	ug/l #	56
74) N-amyl acetate	12.03	43	2130	0.622	ug/l #	45
76) 1,2,3-Trichloropropane	12.40	75	64854	32.006	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	2772	0.373	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.40	75	64854	68.733	ug/l #	11
87) 1,3-Dichlorobenzene	13.28	146	1016	0.262	ug/l	85
88) 1,4-Dichlorobenzene	13.28	146	1016	0.262	ug/l	85
89) n-Butylbenzene	13.62	91	2083	0.313	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	962	0.251	ug/l #	79
92) 1,2-Dibromo-3-Chloropropan	14.26	75	457	Below Cal	#	6
93) 1,2,4-Trichlorobenzene	14.91	180	2154	0.933	ug/l	90
94) Hexachlorobutadiene	15.01	225	573	0.451	ug/l	97
95) Naphthalene	15.13	128	8864	1.351	ug/l	96
96) 1,2,3-Trichlorobenzene	15.31	180	2555	1.138	ug/l	88

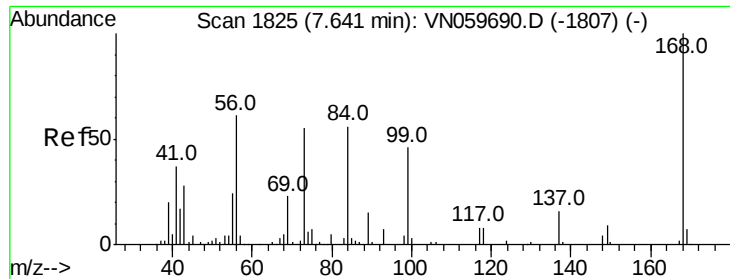
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060038.D

Acq: 10 Feb 2020 12:09

Instrument :

MSVOA_N

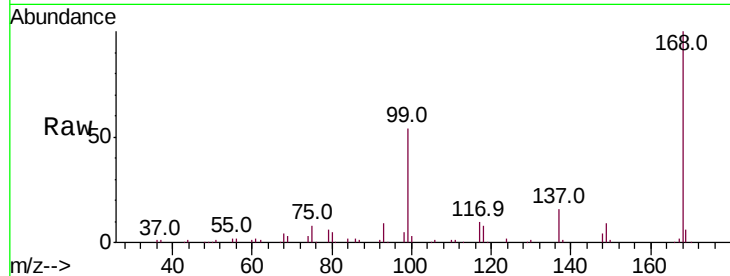
ClientSampled :

Tot Ion:168 Resp: 192322

Ion Ratio Lower Upper

168 100

99 53.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VN060038.D (-1732) (-)

Ion 98.90 (98.60 to 99.60): VN060038.D (-1732) (-)

7.64

80000

60000

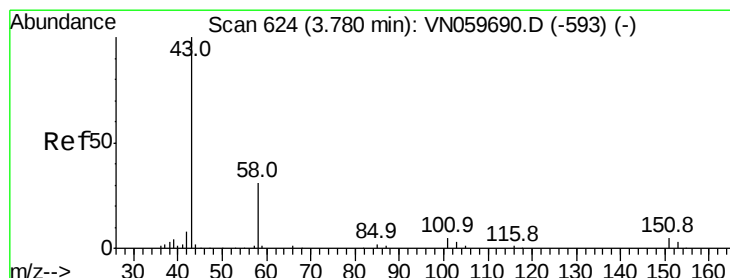
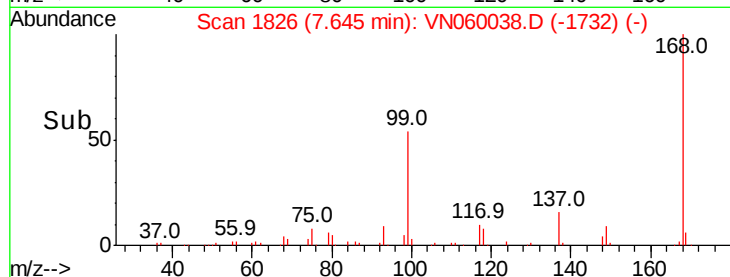
40000

20000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: Below Cal

RT: 3.80 min Scan# 629

Delta R.T. 0.02 min

Lab File: VN060038.D

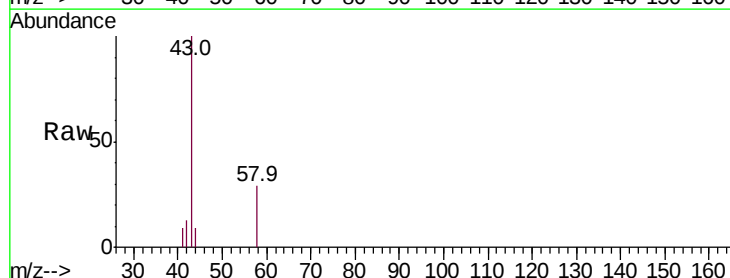
Acq: 10 Feb 2020 12:09

Tgt Ion: 43 Resp: 4968

Ion Ratio Lower Upper

43 100

58 28.6 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN060038.D (-530) (-)

Ion 58.00 (57.70 to 58.70): VN060038.D (-530) (-)

3.80

2000

1500

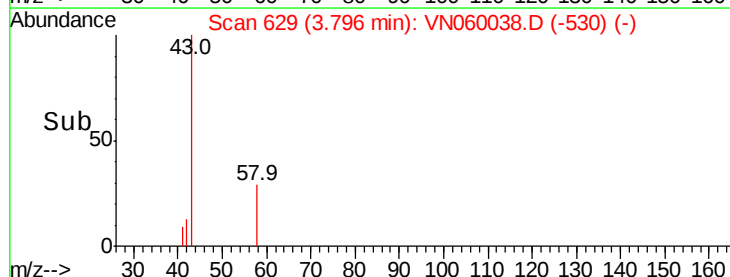
1000

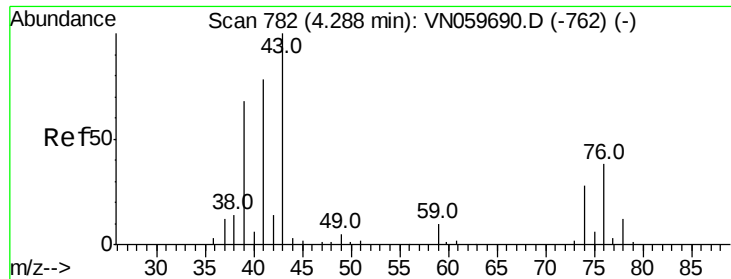
500

0

3.75 3.80 3.85

Time-->

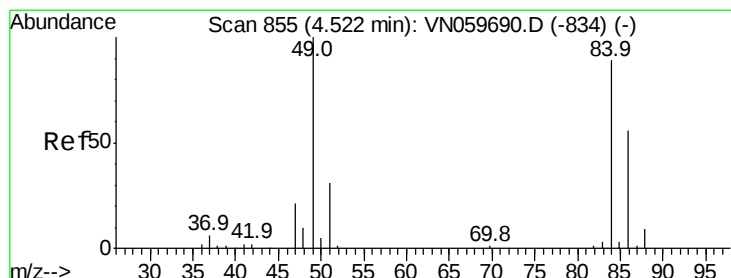
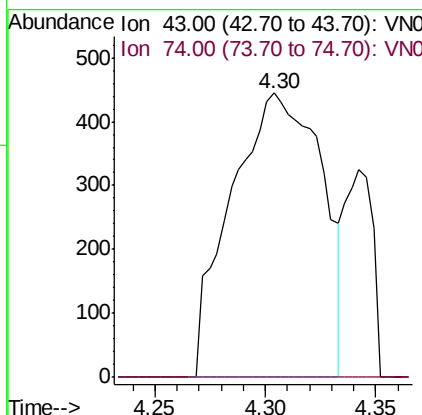
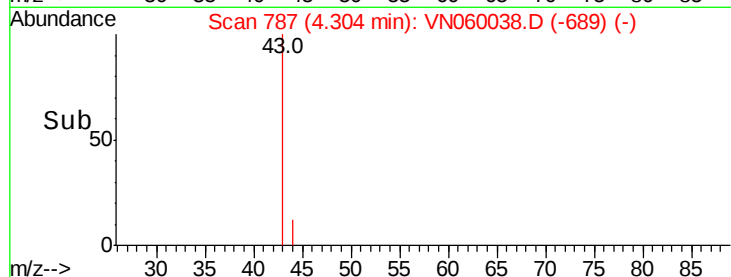
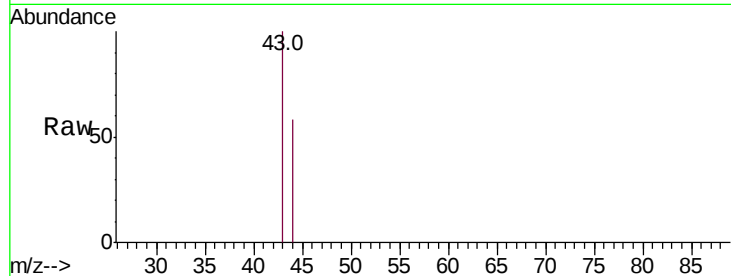




#18
Methyl Acetate
Concen: 0.507 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.02 min
Lab File: VN060038.D
Acq: 10 Feb 2020 12:09

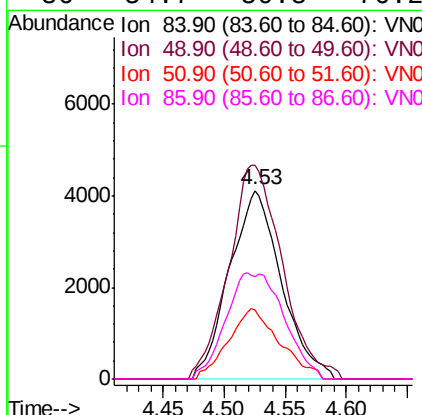
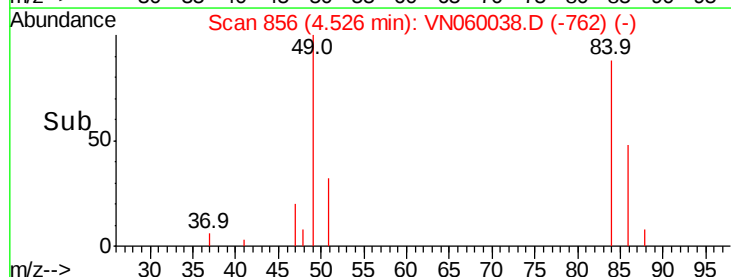
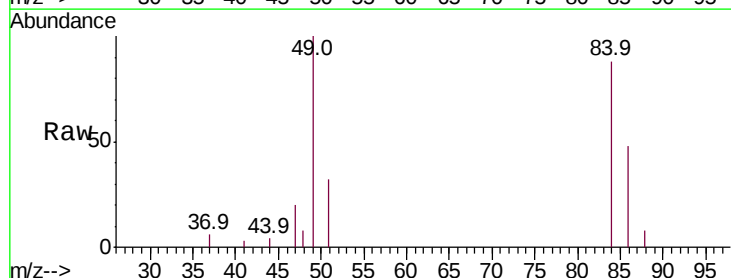
Instrument :
MSVOA_N
ClientSampleId :

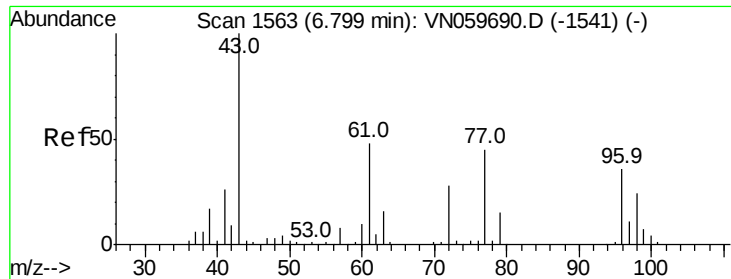
Tot Ion: 43 Resp: 1265
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#20
Methylene Chloride
Concen: 5.116 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060038.D
Acq: 10 Feb 2020 12:09

Tgt Ion: 84 Resp: 12131
Ion Ratio Lower Upper
84 100
49 113.5 106.6 160.0
51 36.5 31.9 47.9
86 54.7 50.8 76.2

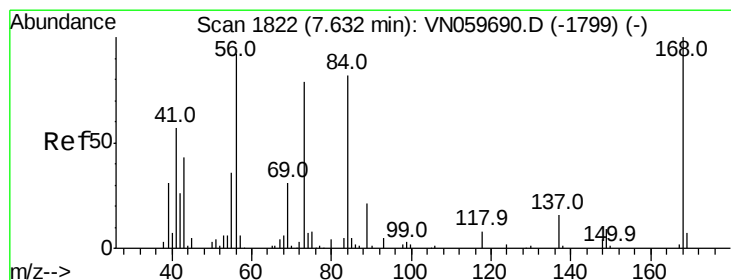
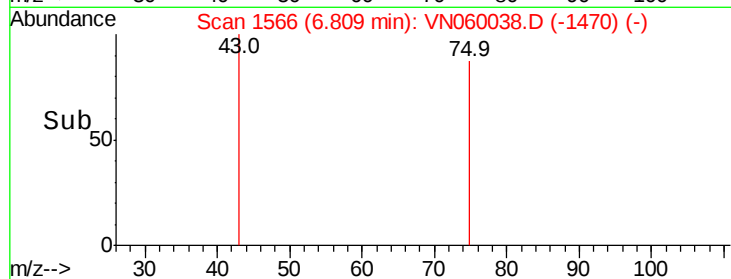
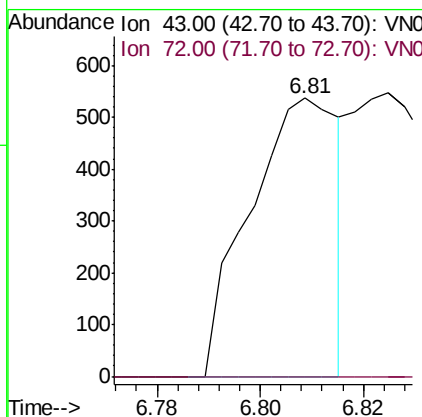
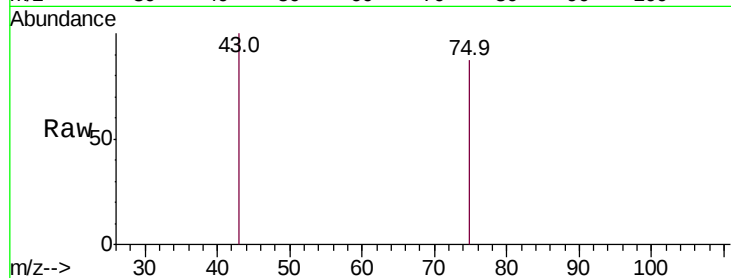




#25
2-Butanone
Concen: 0.531 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VN060038.D
Acq: 10 Feb 2020 12:09

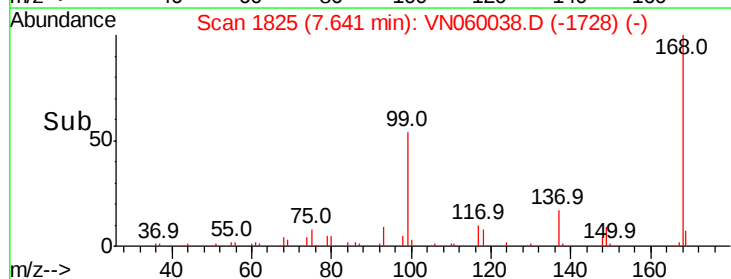
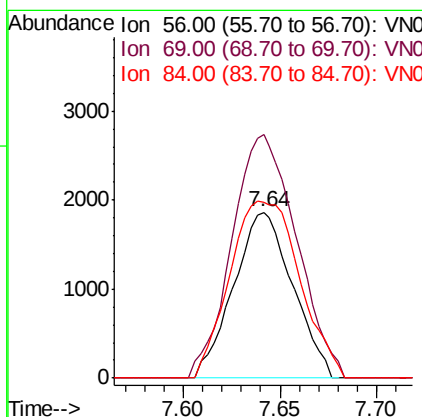
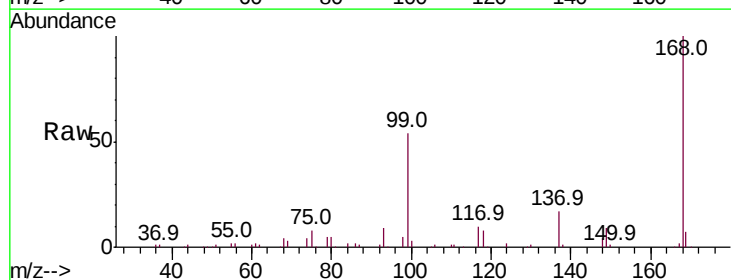
Instrument :
MSVOA_N
ClientSampleId :

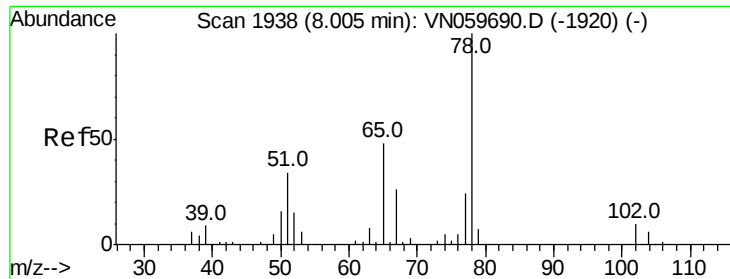
Tot Ion: 43 Resp: 642
Ion Ratio Lower Upper
43 100
72 0.0 19.9 29.9#



#31
Cyclohexane
Concen: 1.252 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VN060038.D
Acq: 10 Feb 2020 12:09

Tgt Ion: 56 Resp: 3955
Ion Ratio Lower Upper
56 100
69 147.0 26.5 39.7#
84 105.9 65.3 97.9#

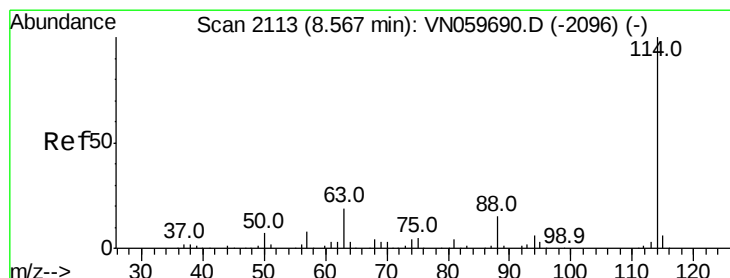
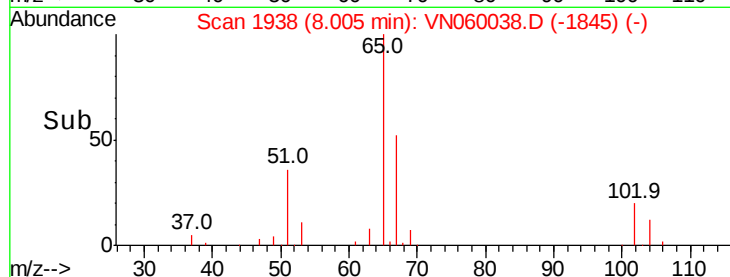
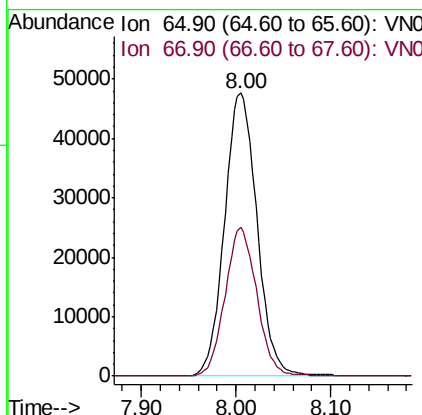
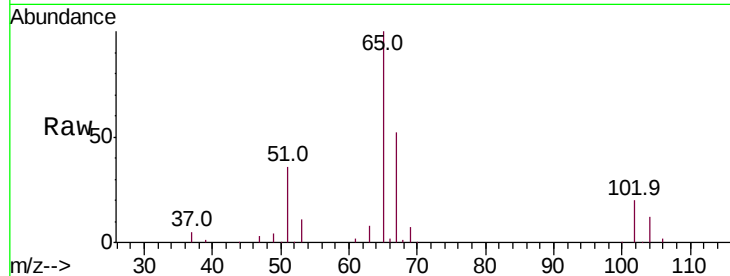




#33
 1,2-Dichloroethane-d4
 Concen: 53.244 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060038.D
 Acq: 10 Feb 2020 12:09

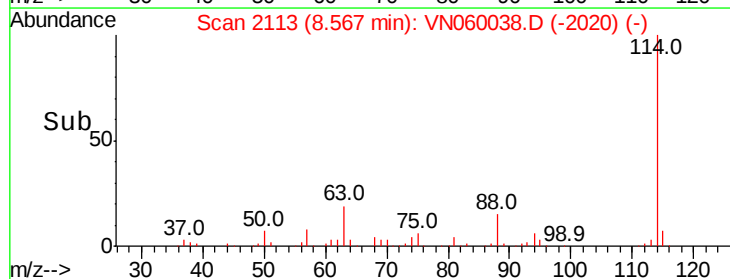
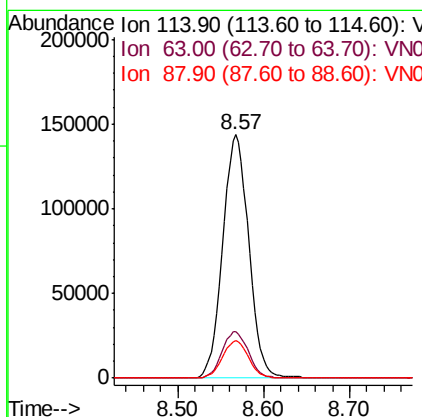
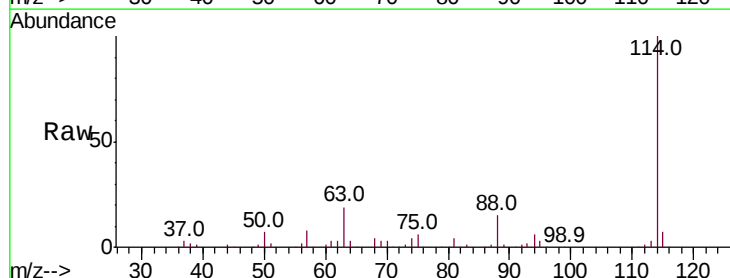
Instrument :
 MSVOA_N
 ClientSampled :

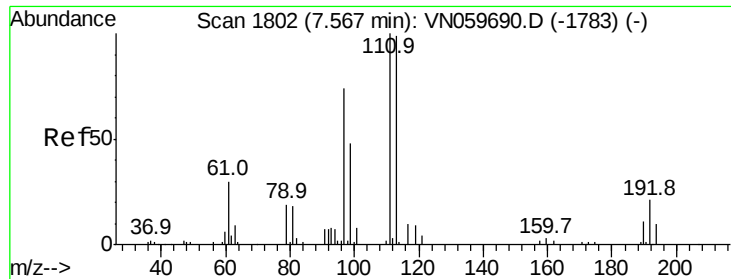
Tot Ion: 65 Resp: 113718
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060038.D
 Acq: 10 Feb 2020 12:09

Tgt Ion: 114 Resp: 302499
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 43.6
 88 15.2 0.0 31.4

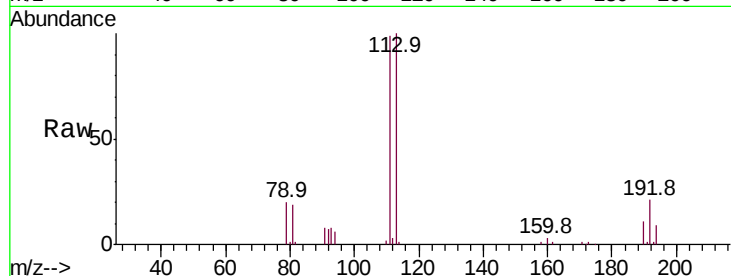




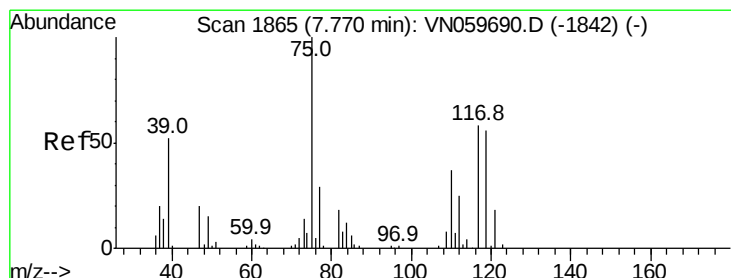
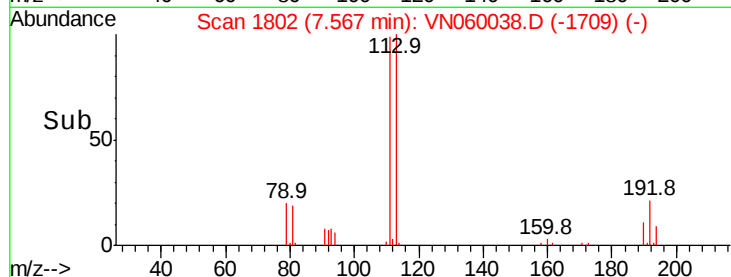
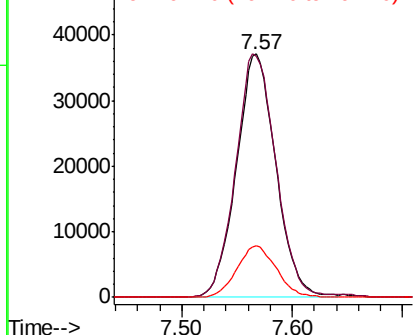
#35
 Dibromofluoromethane
 Concen: 50.958 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060038.D
 Acq: 10 Feb 2020 12:09

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 91924
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.5 125.3
 192 21.2 15.4 23.2

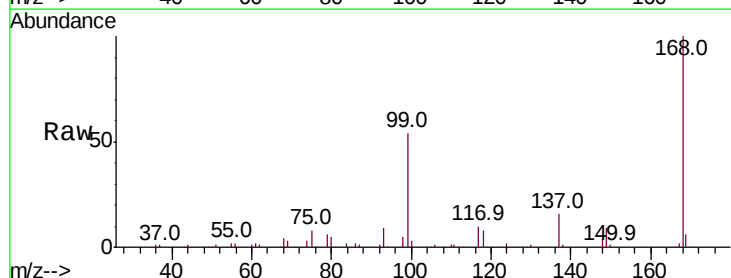


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

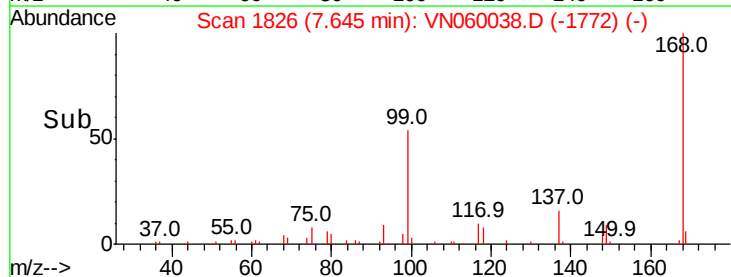
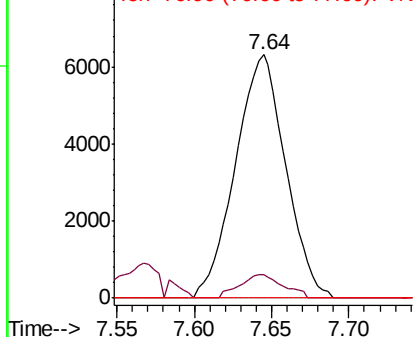


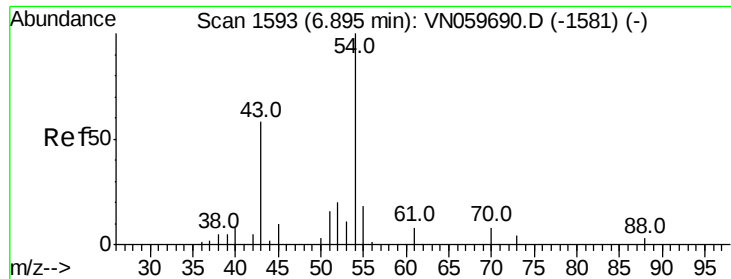
#36
 1,1-Dichloropropene
 Concen: 5.401 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN060038.D
 Acq: 10 Feb 2020 12:09

Tgt Ion: 75 Resp: 14228
 Ion Ratio Lower Upper
 75 100
 110 8.4 16.6 49.7#
 77 0.0 25.1 37.7#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 0.260 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. -0.09 min

Lab File: VN060038.D

Acq: 10 Feb 2020 12:09

Instrument :

MSVOA_N

ClientSampleId :

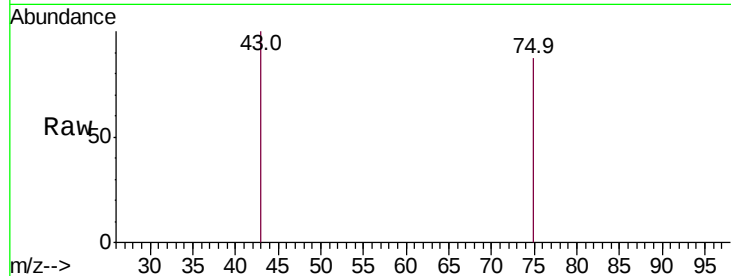
Tot Ion: 43 Resp: 642

Ion Ratio Lower Upper

43 100

61 0.0 10.9 16.3#

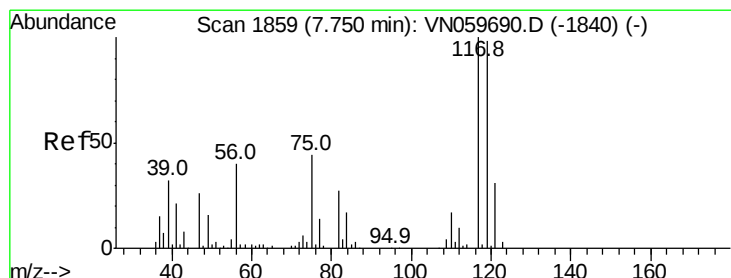
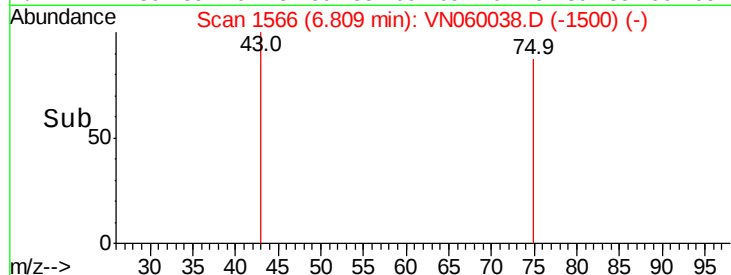
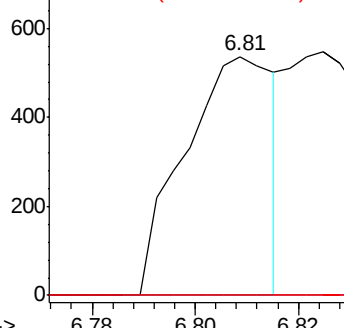
70 0.0 7.7 11.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0



#38

Carbon Tetrachloride

Concen: 6.474 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN060038.D

Acq: 10 Feb 2020 12:09

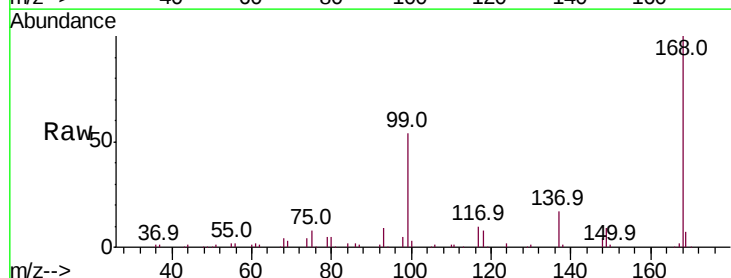
Tgt Ion: 117 Resp: 18551

Ion Ratio Lower Upper

117 100

119 3.9 76.5 114.7#

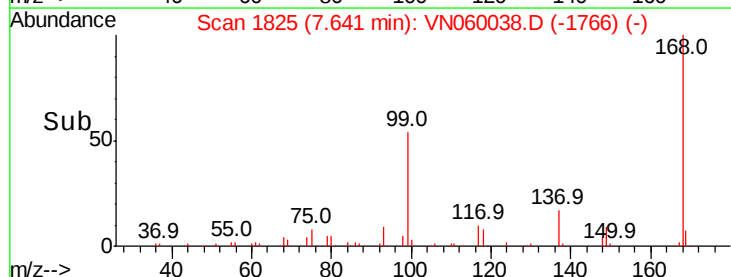
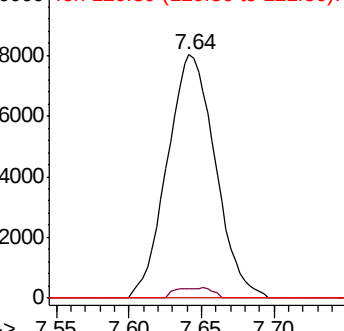
121 0.0 25.1 37.7#

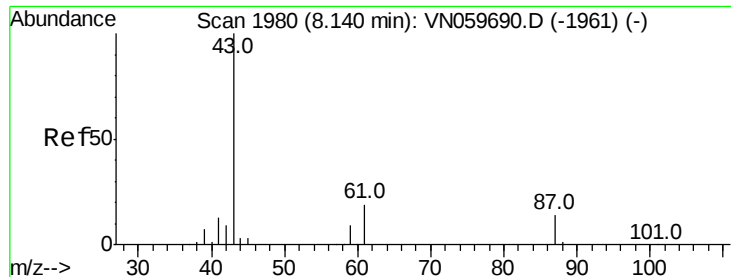


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 12.155 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060038.D

Acq: 10 Feb 2020 12:09

Instrument :

MSVOA_N

ClientSampleId :

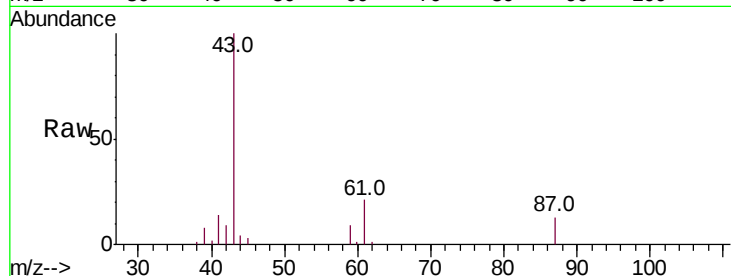
Tot Ion: 43 Resp: 51657

Ion Ratio Lower Upper

43 100

61 20.2 20.2 30.2

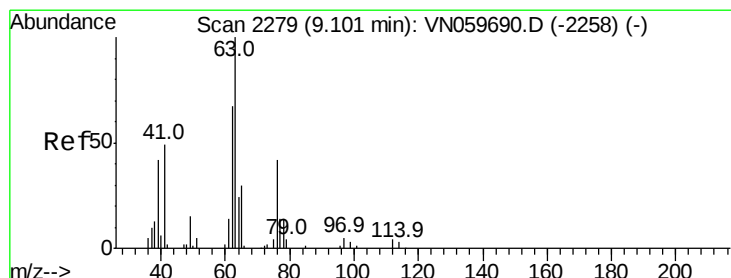
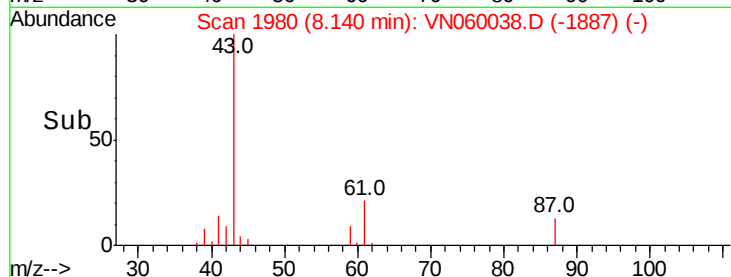
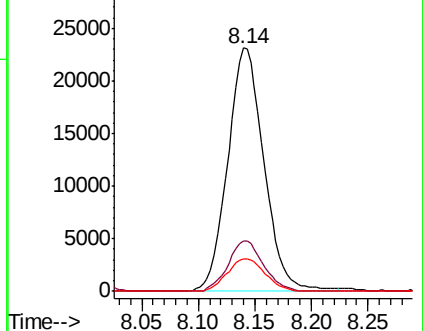
87 13.8 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.505 ug/l

RT: 9.25 min Scan# 2325

Delta R.T. 0.15 min

Lab File: VN060038.D

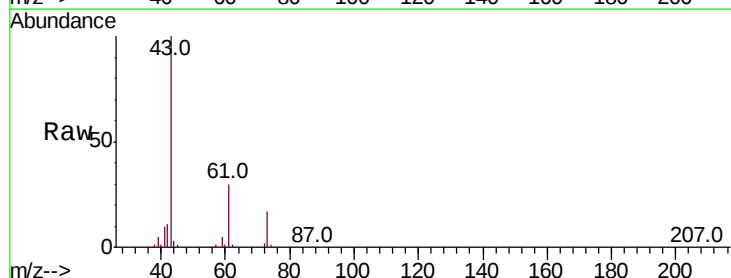
Acq: 10 Feb 2020 12:09

Tgt Ion: 63 Resp: 982

Ion Ratio Lower Upper

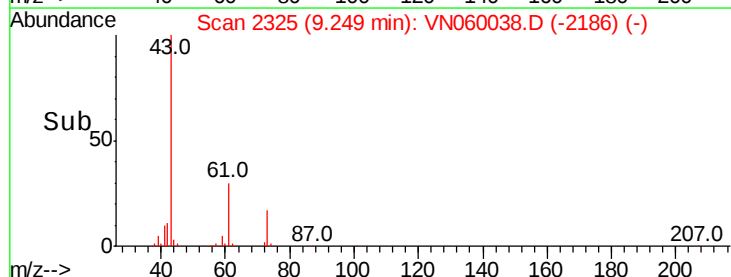
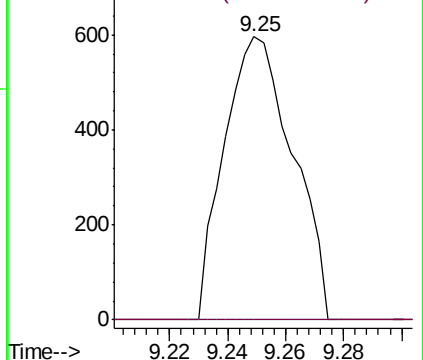
63 100

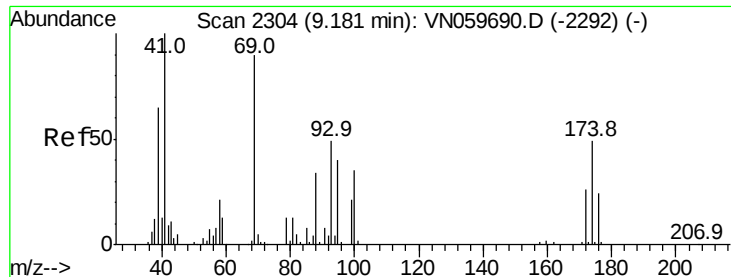
65 0.0 24.9 37.3#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0





#48

Methyl methacrylate

Concen: 1.520 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.02 min

Lab File: VN060038.D

Acq: 10 Feb 2020 12:09

Instrument :

MSVOA_N

ClientSampled :

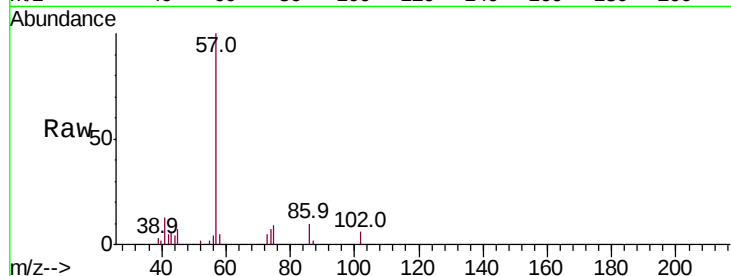
Tot Ion: 41 Resp: 2889

Ion Ratio Lower Upper

41 100

69 0.0 64.4 96.6#

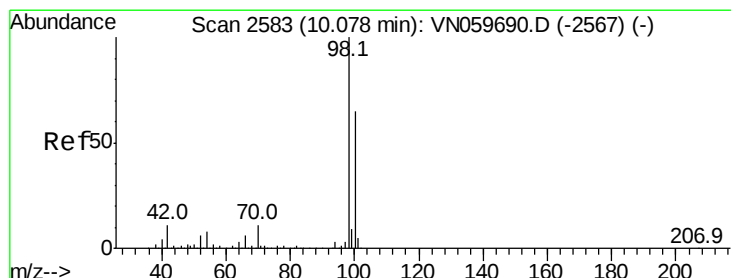
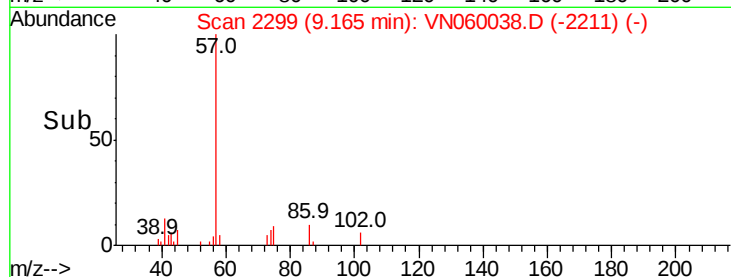
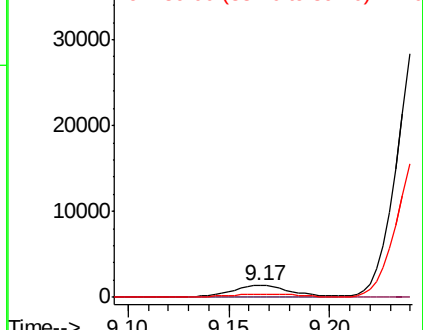
39 0.0 51.3 76.9#



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: 52.159 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060038.D

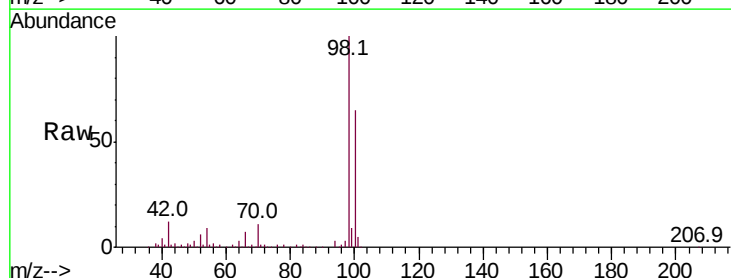
Acq: 10 Feb 2020 12:09

Tgt Ion: 98 Resp: 364557

Ion Ratio Lower Upper

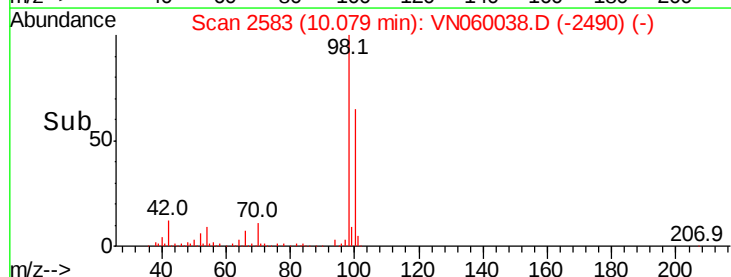
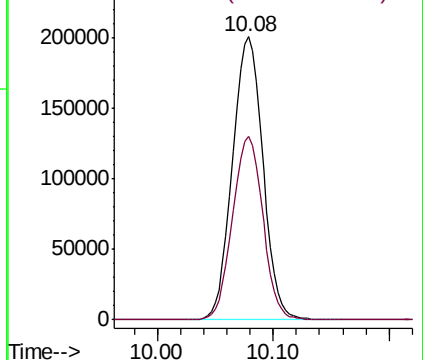
98 100

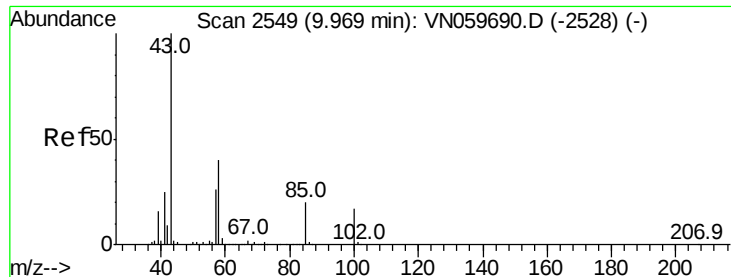
100 64.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

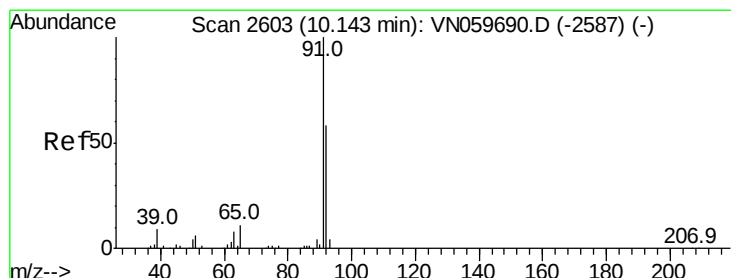
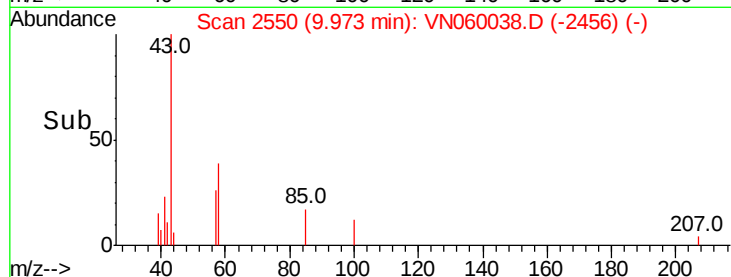
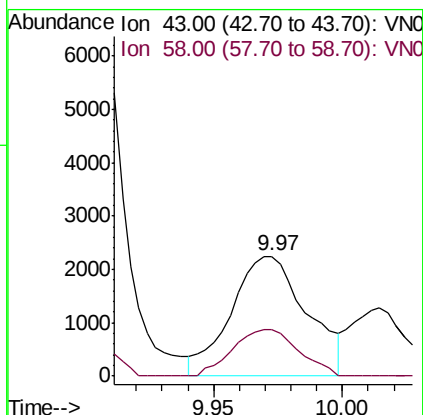
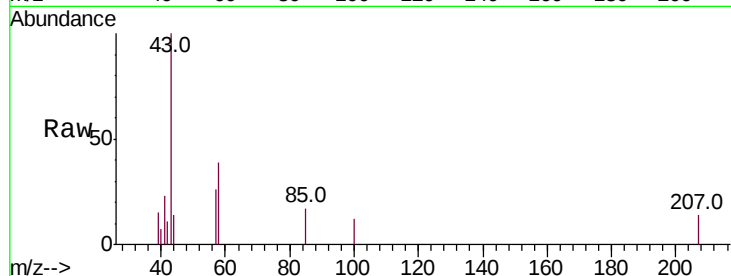




#51
4-Methyl-2-Pentanone
Concen: 1.868 ug/l
RT: 9.97 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VN060038.D
Acq: 10 Feb 2020 12:09

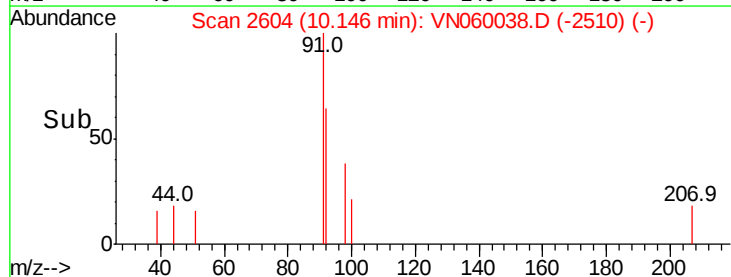
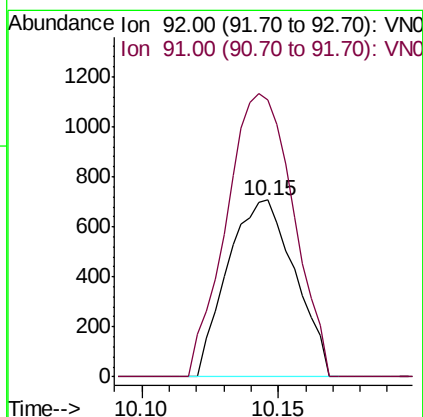
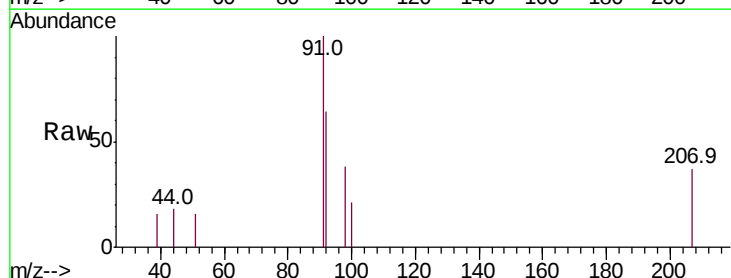
Instrument :
MSVOA_N
ClientSampled :

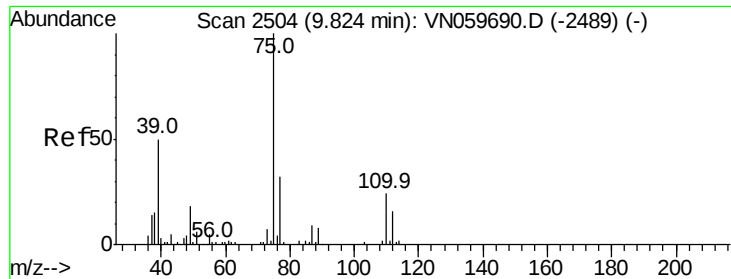
Tot Ion: 43 Resp: 4590
Ion Ratio Lower Upper
43 100
58 34.0 29.8 44.8



#52
Toluene
Concen: 0.244 ug/l
RT: 10.15 min Scan# 2604
Delta R.T. 0.00 min
Lab File: VN060038.D
Acq: 10 Feb 2020 12:09

Tgt Ion: 92 Resp: 1211
Ion Ratio Lower Upper
92 100
91 159.4 140.4 210.6





#54

cis-1,3-Dichloropropene

Concen: 7.506 ug/l

RT: 9.89 min Scan# 2524

Delta R.T. 0.06 min

Lab File: VN060038.D

Acq: 10 Feb 2020 12:09

Instrument :

MSVOA_N

ClientSampleId :

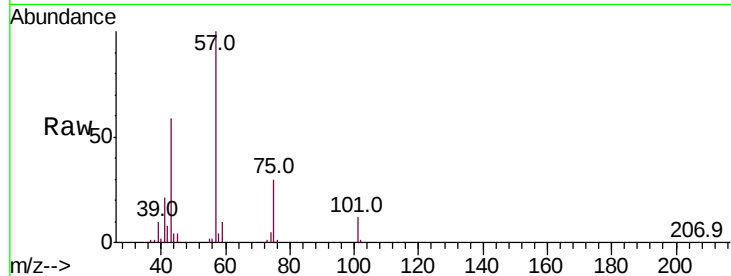
Tot Ion: 75 Resp: 24369

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#

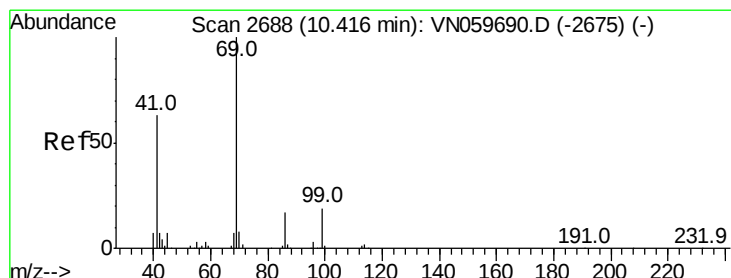
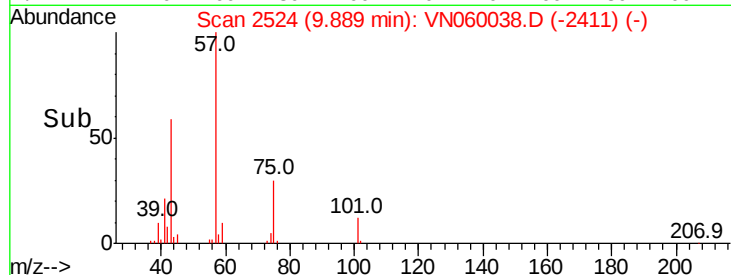
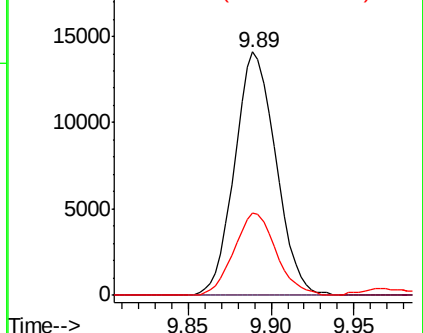
39 33.6 46.1 69.1#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#56

Ethyl methacrylate

Concen: 0.200 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. 0.12 min

Lab File: VN060038.D

Acq: 10 Feb 2020 12:09

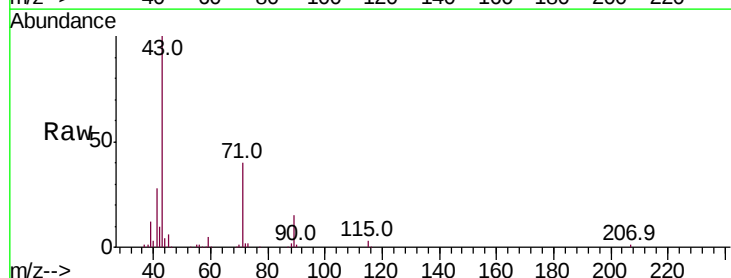
Tgt Ion: 69 Resp: 602

Ion Ratio Lower Upper

69 100

41 8389.2 57.1 85.7#

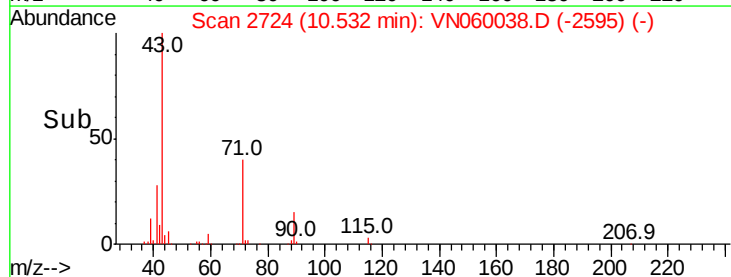
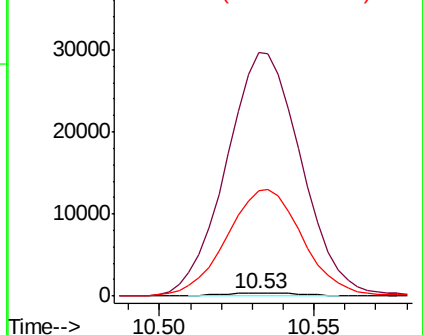
39 3708.3 34.7 52.1#

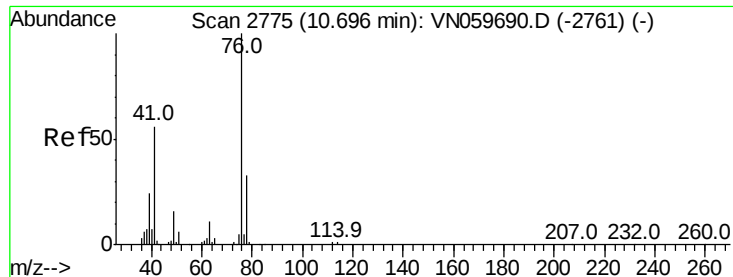


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 1.280 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.06 min

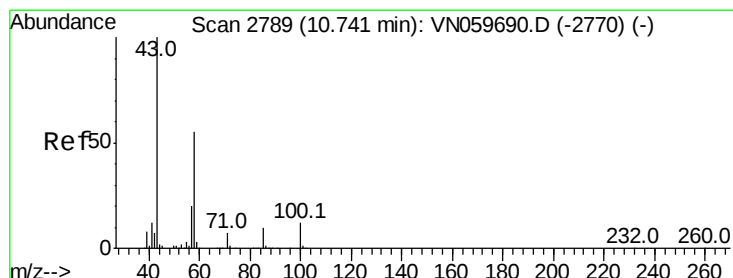
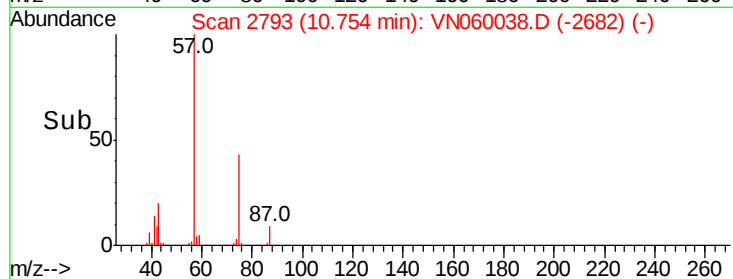
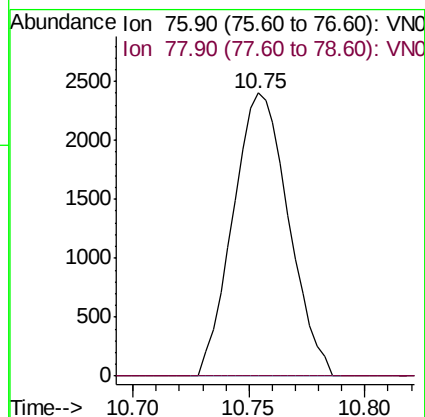
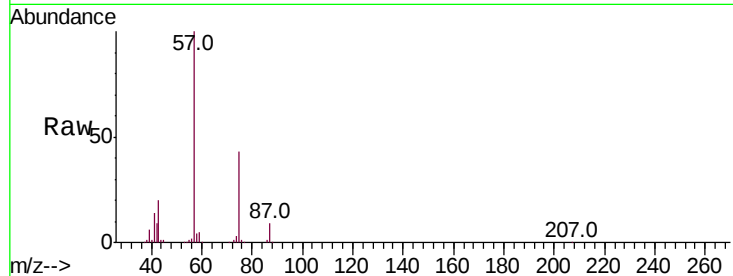
Lab File: VN060038.D

Acq: 10 Feb 2020 12:09

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 76 Resp: 3995

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.8#



#59

2-Hexanone

Concen: 29.901 ug/l

RT: 10.75 min Scan# 2793

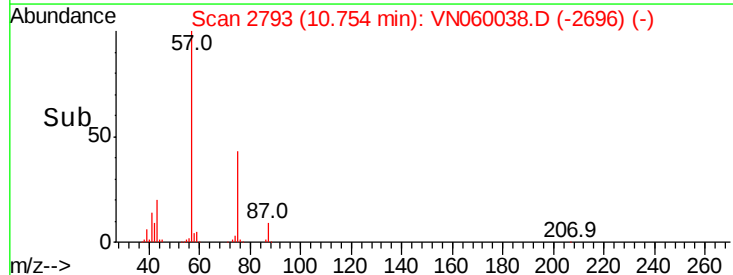
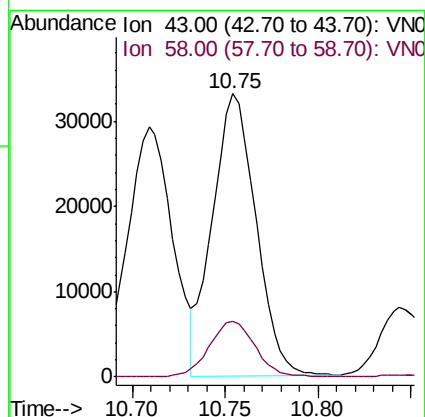
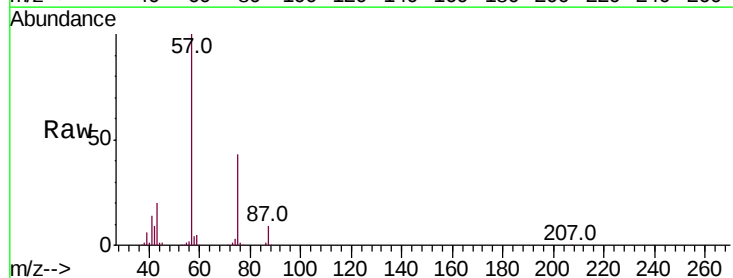
Delta R.T. 0.01 min

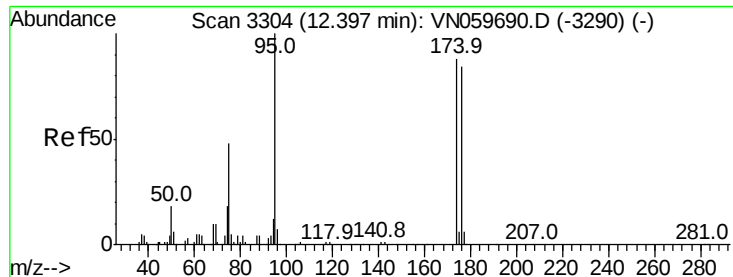
Lab File: VN060038.D

Acq: 10 Feb 2020 12:09

Tgt Ion: 43 Resp: 54115

Ion	Ratio	Lower	Upper
43	100		
58	20.7	25.8	77.3#





#62

4-Bromofluorobenzene

Concen: 50.090 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060038.D

Acq: 10 Feb 2020 12:09

Instrument :

MSVOA_N

ClientSampleId :

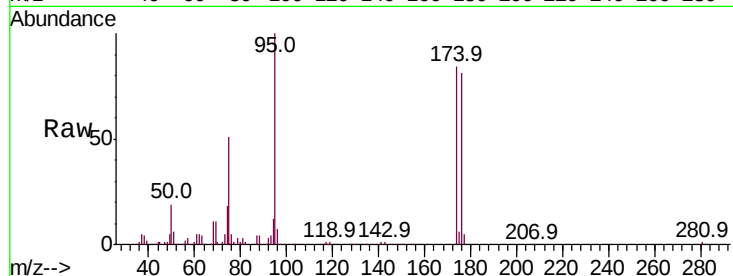
Tot Ion: 95 Resp: 126209

Ion Ratio Lower Upper

95 100

174 85.4 0.0 151.4

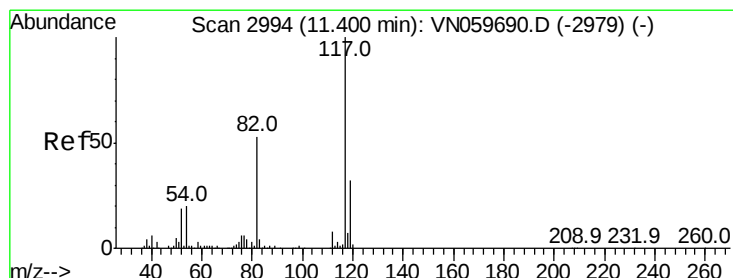
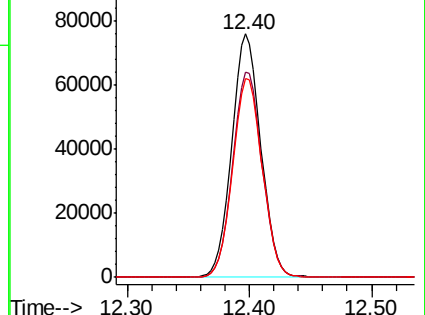
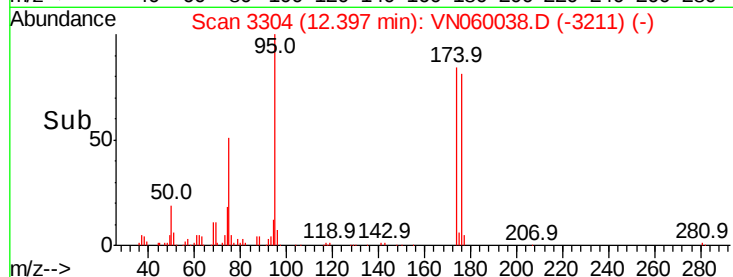
176 83.1 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN060038.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060038.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060038.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060038.D

Acq: 10 Feb 2020 12:09

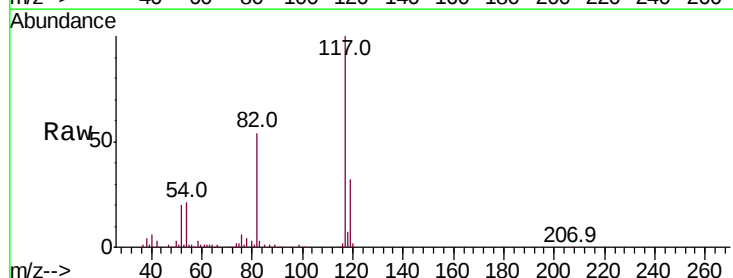
Tgt Ion: 117 Resp: 276561

Ion Ratio Lower Upper

117 100

82 53.5 45.9 68.9

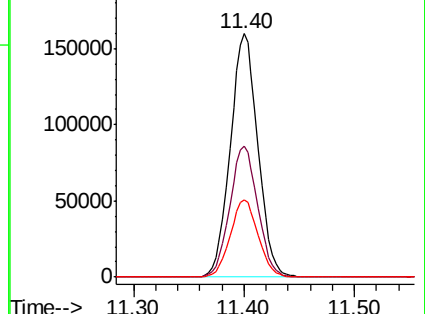
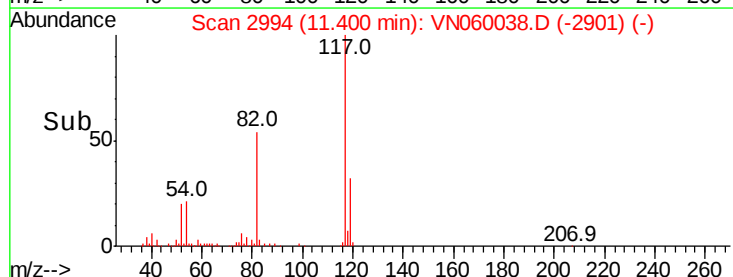
119 31.9 25.5 38.3

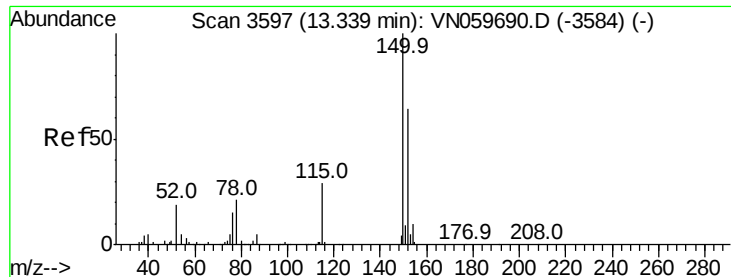


Abundance Ion 116.90 (116.60 to 117.60): VN060038.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060038.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060038.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060038.D

Acq: 10 Feb 2020 12:09

Instrument :

MSVOA_N

ClientSampleId :

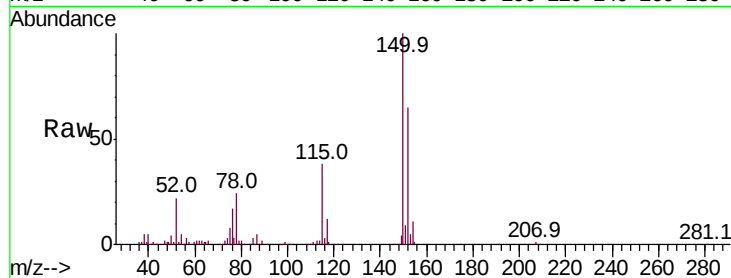
Tot Ion:152 Resp: 120405

Ion Ratio Lower Upper

152 100

115 58.5 30.3 90.9

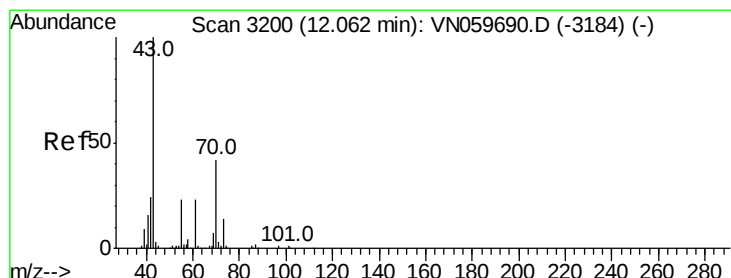
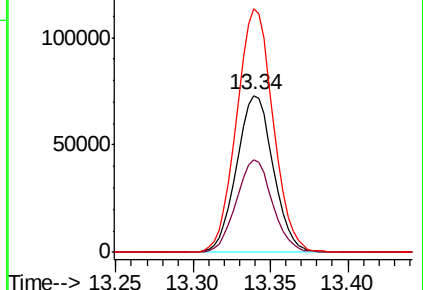
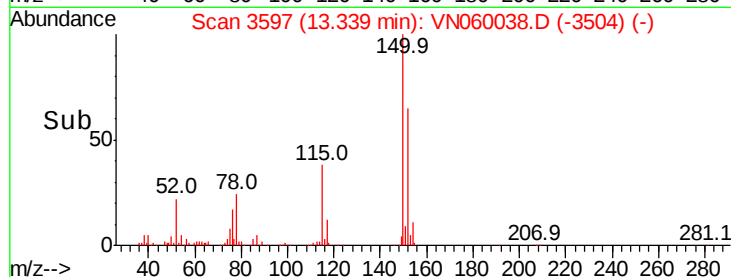
150 155.0 0.0 345.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 0.622 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.03 min

Lab File: VN060038.D

Acq: 10 Feb 2020 12:09

Tgt Ion: 43 Resp: 2130

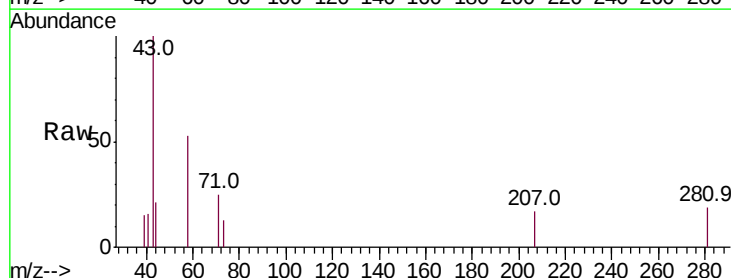
Ion Ratio Lower Upper

43 100

70 0.0 31.3 46.9#

55 0.0 19.8 29.6#

61 0.0 18.3 27.5#

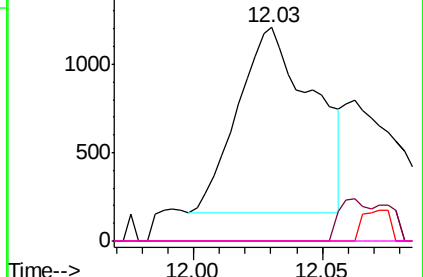
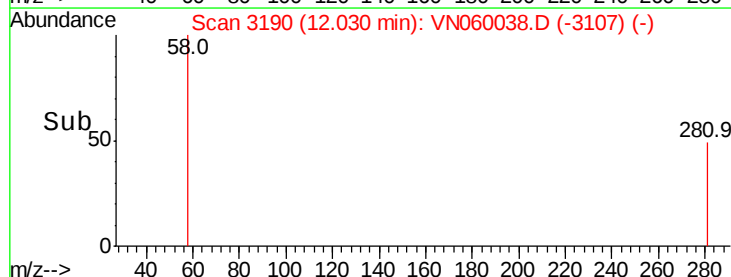


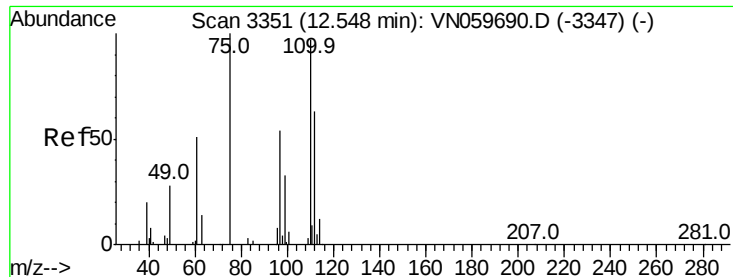
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#76

1,2,3-Trichloropropane

Concen: 32.006 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060038.D

Acq: 10 Feb 2020 12:09

Instrument :

MSVOA_N

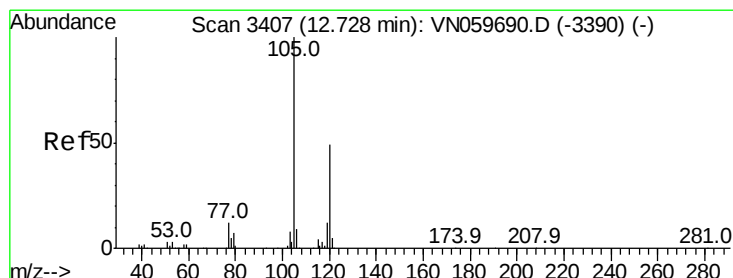
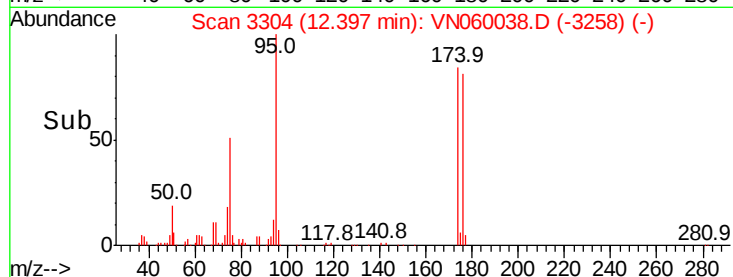
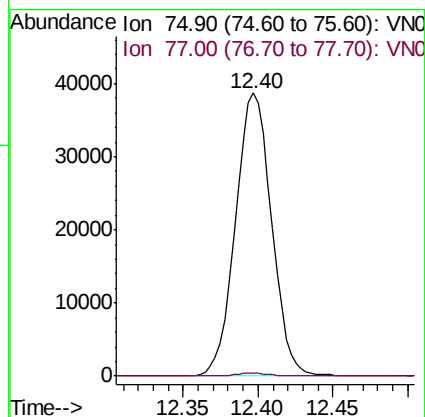
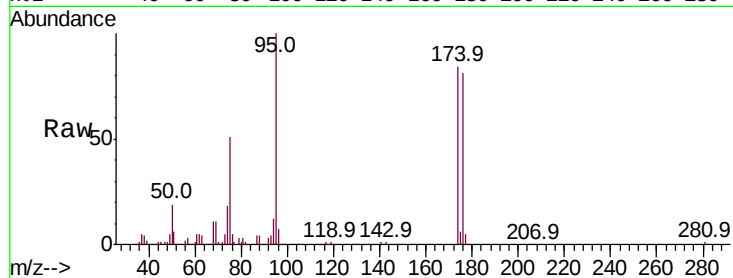
ClientSampleId :

Tot Ion: 75 Resp: 64854

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#80

1,3,5-Trimethylbenzene

Concen: 0.373 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN060038.D

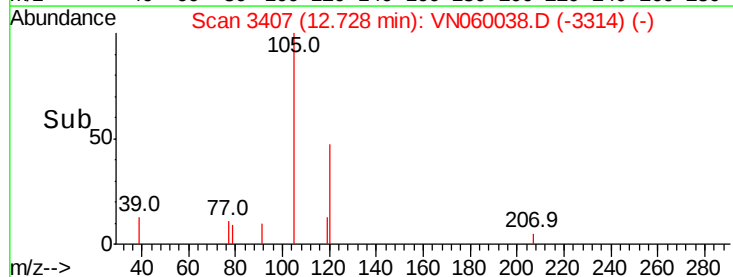
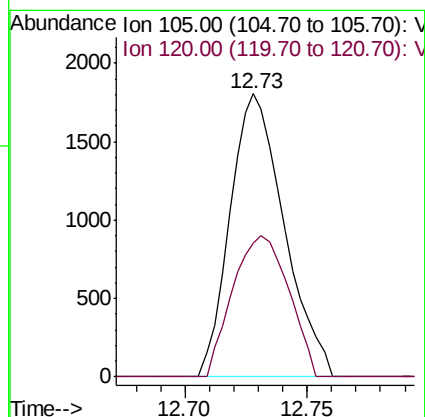
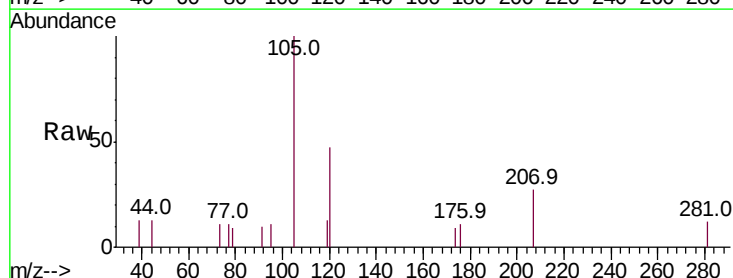
Acq: 10 Feb 2020 12:09

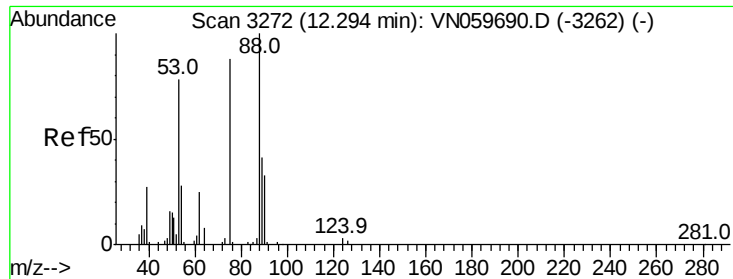
Tgt Ion: 105 Resp: 2772

Ion Ratio Lower Upper

105 100

120 51.7 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 68.733 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060038.D

Acq: 10 Feb 2020 12:09

Instrument :

MSVOA_N

ClientSampled :

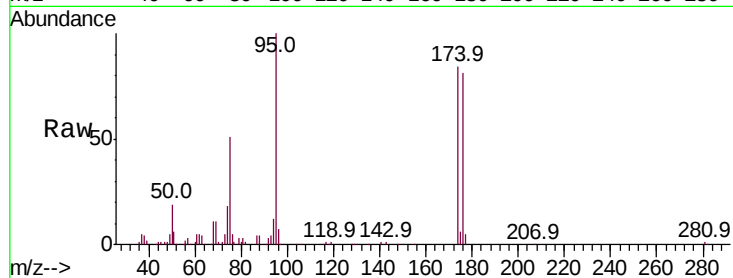
Tot Ion: 75 Resp: 64854

Ion Ratio Lower Upper

75 100

53 0.0 78.1 117.1#

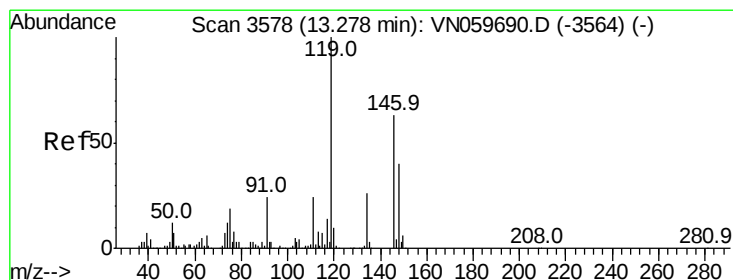
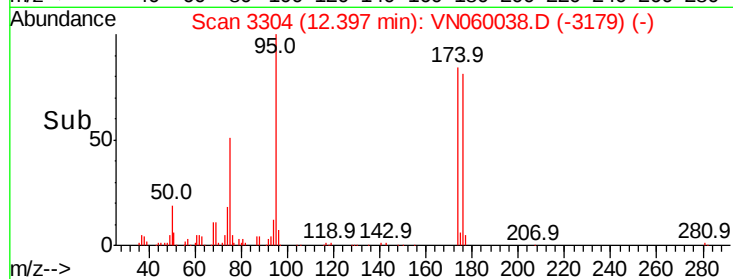
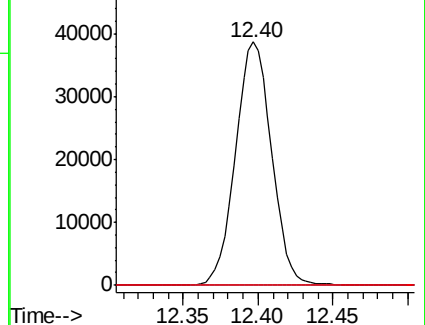
89 0.0 35.4 53.2#



Abundance Ion 74.90 (74.60 to 75.60): VN060038.D (-3179) (-)

Ion 53.00 (52.70 to 53.70): VN060038.D (-3179) (-)

Ion 88.90 (88.60 to 89.60): VN060038.D (-3179) (-)



#87

1,3-Dichlorobenzene

Concen: 0.262 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.01 min

Lab File: VN060038.D

Acq: 10 Feb 2020 12:09

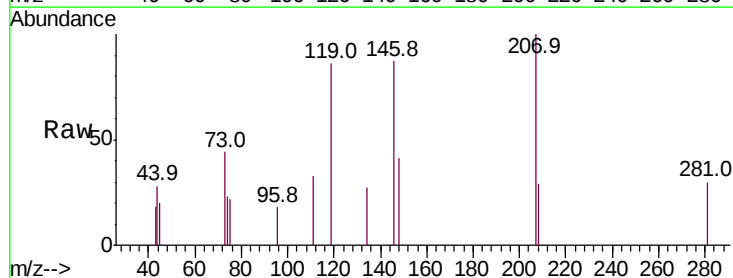
Tgt Ion: 146 Resp: 1016

Ion Ratio Lower Upper

146 100

111 32.3 20.8 62.2

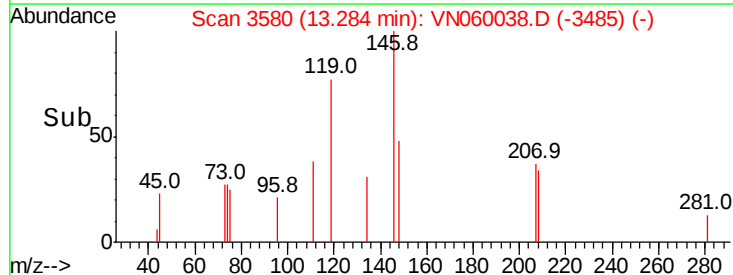
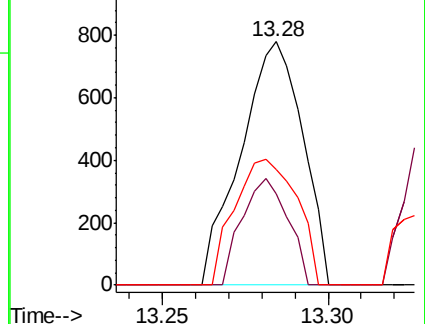
148 51.7 32.0 96.0

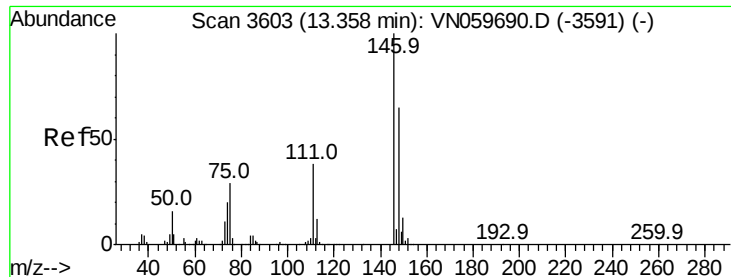


Abundance Ion 145.90 (145.60 to 146.60): VN060038.D (-3485) (-)

Ion 110.90 (110.60 to 111.60): VN060038.D (-3485) (-)

Ion 147.90 (147.60 to 148.60): VN060038.D (-3485) (-)





#88

1,4-Dichlorobenzene

Concen: 0.262 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.07 min

Lab File: VN060038.D

Acq: 10 Feb 2020 12:09

Instrument :

MSVOA_N

ClientSampled :

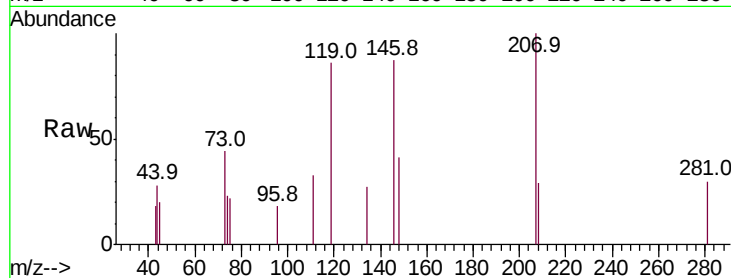
Tot Ion:146 Resp: 1016

Ion Ratio Lower Upper

146 100

111 32.3 20.8 62.2

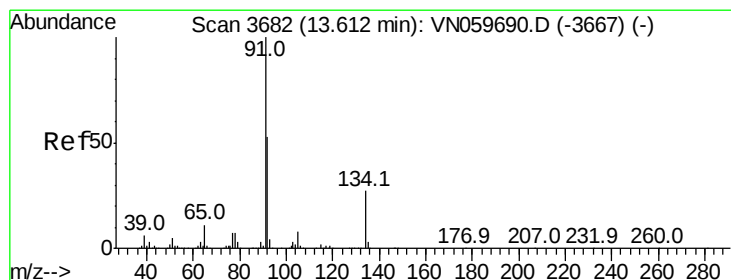
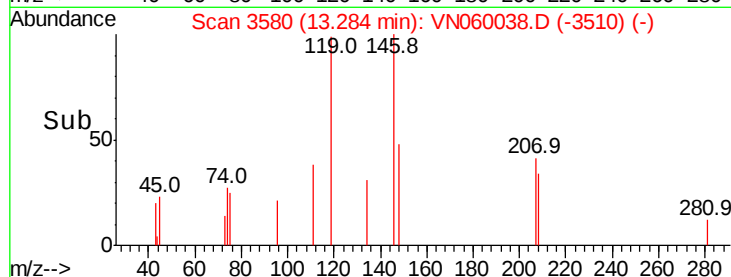
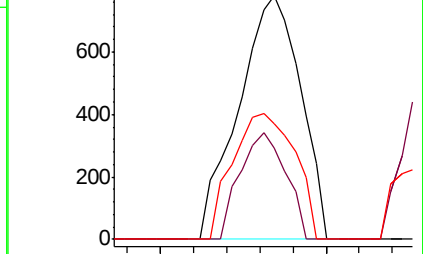
148 51.7 31.8 95.4



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



#89

n-Butylbenzene

Concen: 0.313 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN060038.D

Acq: 10 Feb 2020 12:09

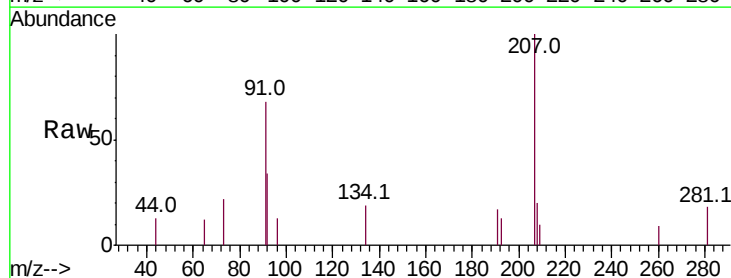
Tgt Ion: 91 Resp: 2083

Ion Ratio Lower Upper

91 100

92 42.2 25.9 77.7

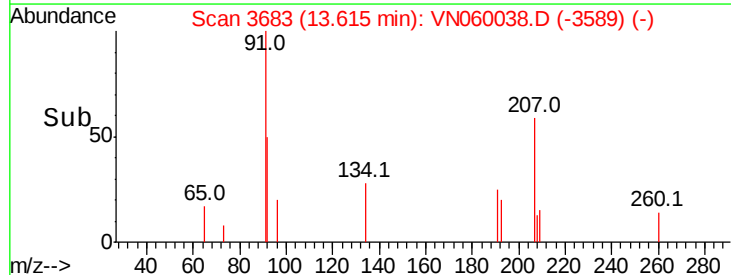
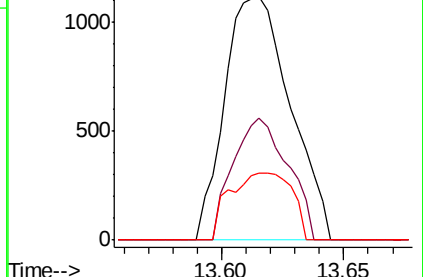
134 26.2 12.3 36.8

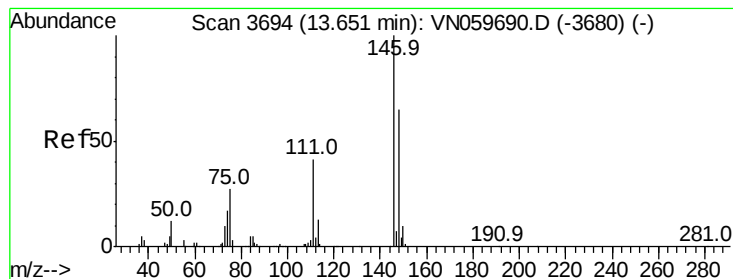


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#91

1,2-Dichlorobenzene

Concen: 0.251 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN060038.D

Acq: 10 Feb 2020 12:09

Instrument :

MSVOA_N

ClientSampled :

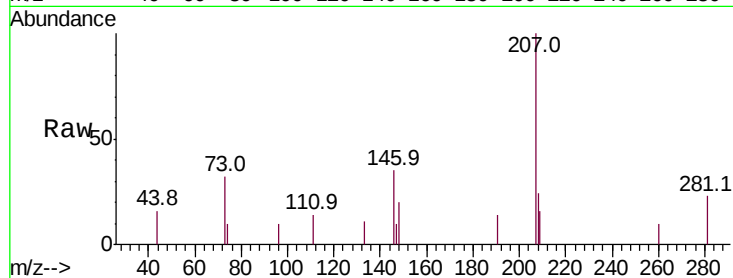
Tot Ion:146 Resp: 962

Ion Ratio Lower Upper

146 100

111 20.9 21.6 64.8#

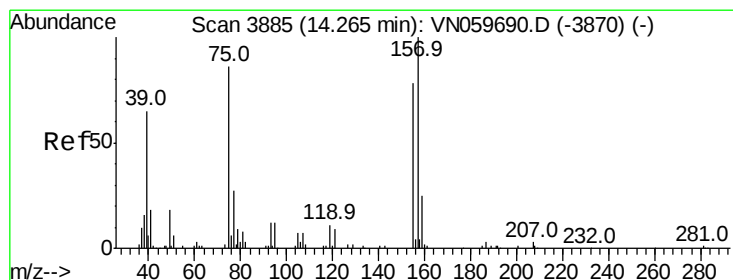
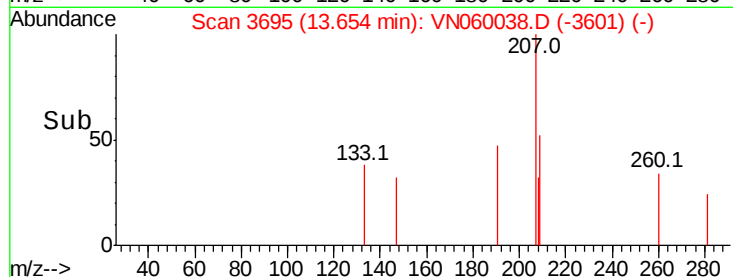
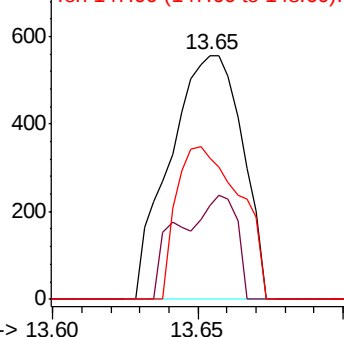
148 54.9 31.6 95.0



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



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.26 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VN060038.D

Acq: 10 Feb 2020 12:09

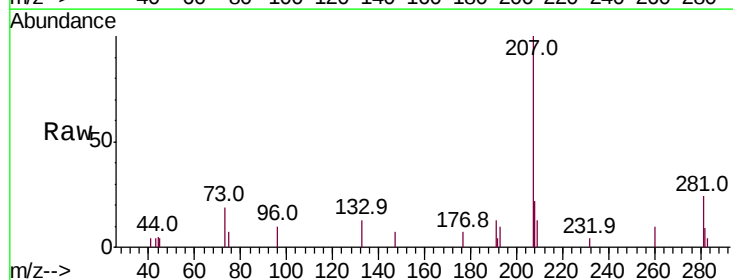
Tgt Ion: 75 Resp: 457

Ion Ratio Lower Upper

75 100

155 0.0 37.0 110.9#

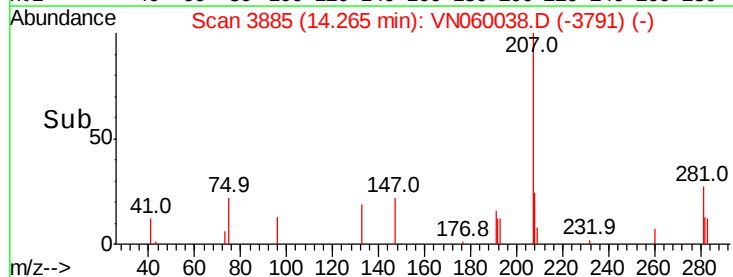
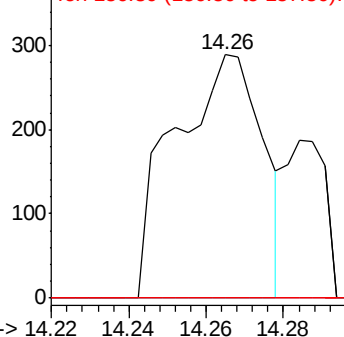
157 0.0 48.4 145.2#

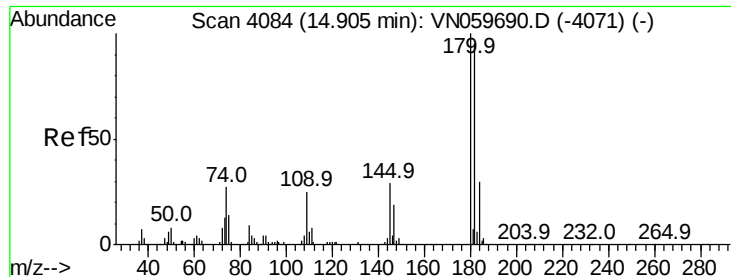


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

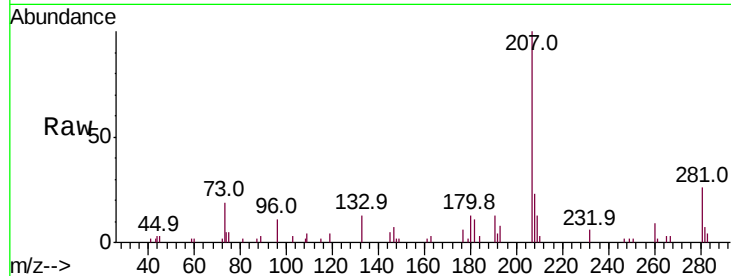




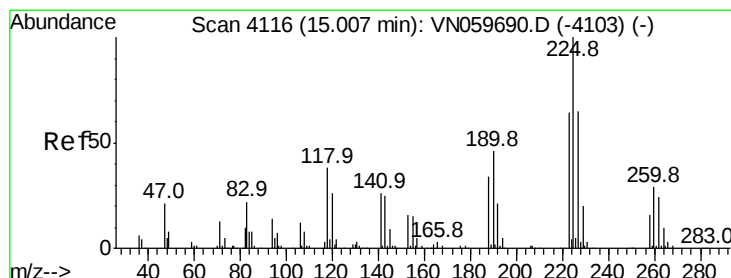
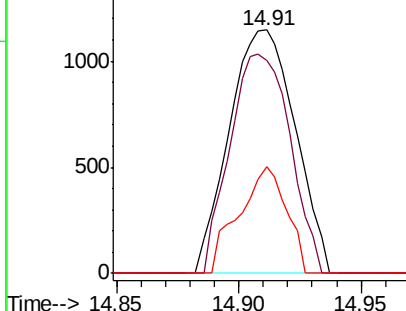
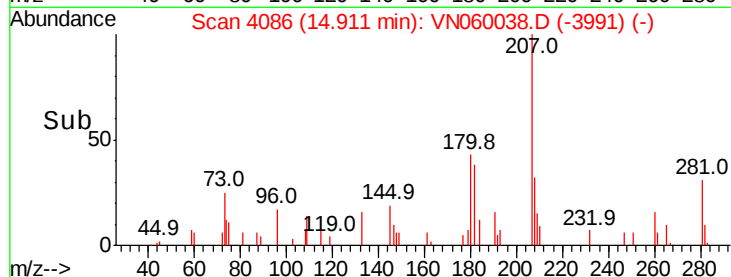
#93
 1,2,4-Trichlorobenzene
 Concen: 0.933 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.01 min
 Lab File: VN060038.D
 Acq: 10 Feb 2020 12:09

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 2154
 Ion Ratio Lower Upper
 180 100
 182 82.2 46.9 140.7
 145 31.6 15.0 45.1

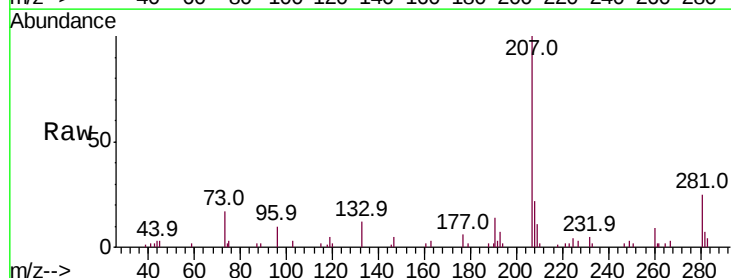


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

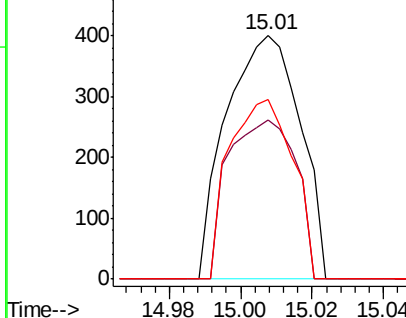
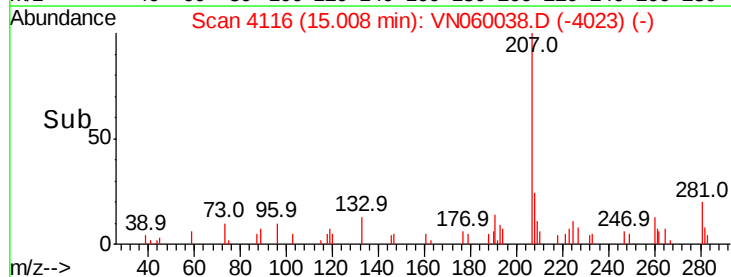


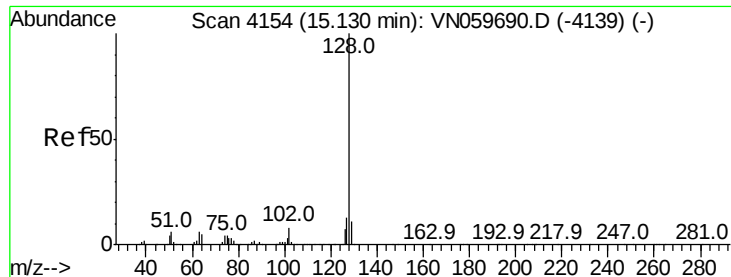
#94
 Hexachlorobutadiene
 Concen: 0.451 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060038.D
 Acq: 10 Feb 2020 12:09

Tgt Ion:225 Resp: 573
 Ion Ratio Lower Upper
 225 100
 223 60.0 31.8 95.3
 227 63.5 32.1 96.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 1.351 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN060038.D

Acq: 10 Feb 2020 12:09

Instrument :

MSVOA_N

ClientSampleId :

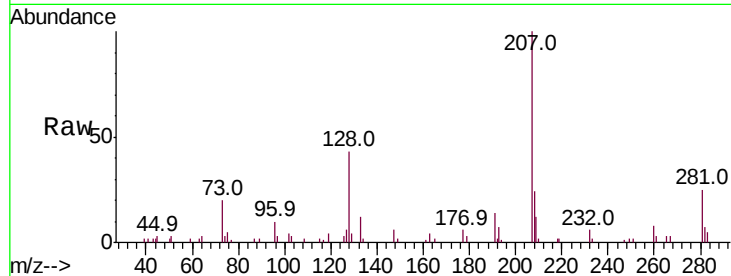
Tot Ion:128 Resp: 8864

Ion Ratio Lower Upper

128 100

127 11.4 10.4 15.6

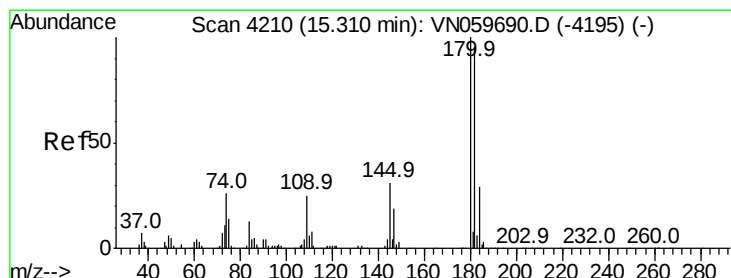
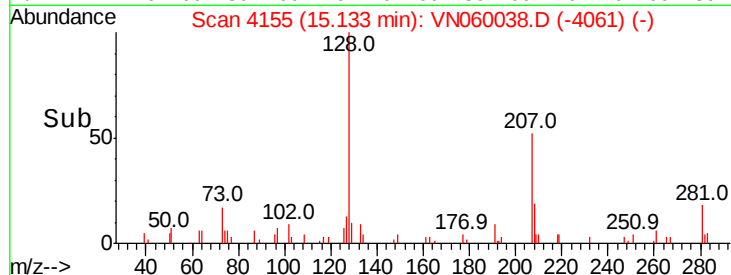
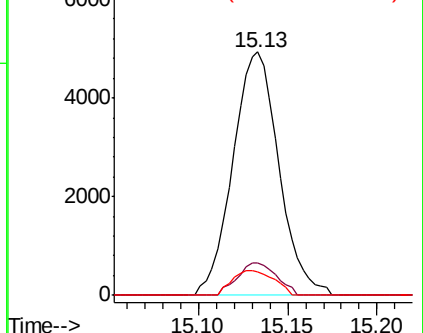
129 9.2 8.6 12.8



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



#96

1,2,3-Trichlorobenzene

Concen: 1.138 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN060038.D

Acq: 10 Feb 2020 12:09

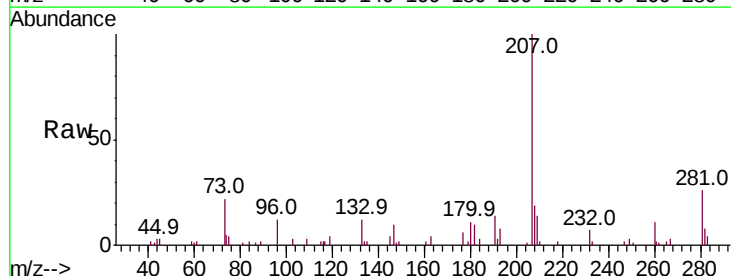
Tgt Ion:180 Resp: 2555

Ion Ratio Lower Upper

180 100

182 84.1 47.4 142.3

145 40.4 16.3 48.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

