

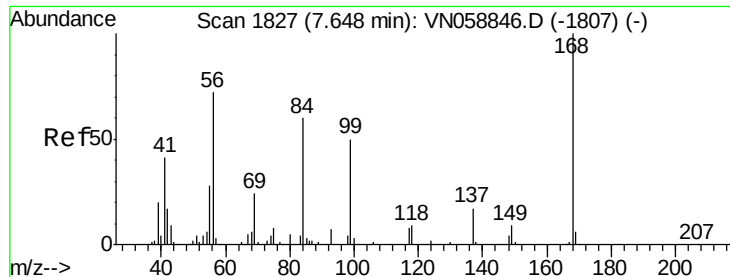
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102119\
 Data File : VN058884.D
 Acq On : 21 Oct 2019 13:39
 Operator : JC/SP
 Sample : I.BLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Quant Time: Oct 22 03:18:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	411490	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	648970	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	567776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	217744	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	288785	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
35) Dibromofluoromethane	7.57	113	206149	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
50) Toluene-d8	10.09	98	800765	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
62) 4-Bromofluorobenzene	12.40	95	260467	42.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.64%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.56	94	857	0.217	ug/l	82
11) Tert butyl alcohol	4.75	59	265	0.265	ug/l #	72
13) Acrolein	3.60	56	719	1.045	ug/l	99
16) Acetone	3.81	43	1790	0.600	ug/l #	89
17) Carbon Disulfide	4.03	76	8535	0.653	ug/l	96
18) Methyl Acetate	4.31	43	1758	0.259	ug/l #	55
20) Methylene Chloride	4.54	84	3077	0.604	ug/l	90
31) Cyclohexane	7.64	56	9809	1.131	ug/l #	9
36) 1,1-Dichloropropene	7.65	75	34650	5.215	ug/l #	51
38) Carbon Tetrachloride	7.65	117	41353	6.042	ug/l #	17
51) 4-Methyl-2-Pentanone	9.98	43	2002	0.295	ug/l #	74
56) Ethyl methacrylate	10.43	69	340	2.138	ug/l #	11
59) 2-Hexanone	10.75	43	3805	0.726	ug/l #	49
68) m/p-Xylenes	11.62	106	1542	0.205	ug/l	85
70) Styrene	11.97	104	1563	1.828	ug/l #	49
76) 1,2,3-Trichloropropane	12.40	75	139806	27.704	ug/l #	100
77) Bromobenzene	12.53	156	1027	0.262	ug/l	94
78) n-propylbenzene	12.60	91	3813	0.203	ug/l	92
81) trans-1,4-Dichloro-2-buten	12.40	75	139806	72.171	ug/l #	10
82) 4-Chlorotoluene	12.78	91	3654	0.311	ug/l	99
86) p-Isopropyltoluene	13.30	119	2690	0.200	ug/l	94
87) 1,3-Dichlorobenzene	13.29	146	3111	0.444	ug/l	93
88) 1,4-Dichlorobenzene	13.29	146	3111	0.443	ug/l	94
89) n-Butylbenzene	13.62	91	4264	0.345	ug/l	92
91) 1,2-Dichlorobenzene	13.66	146	2806	0.407	ug/l	90
92) 1,2-Dibromo-3-Chloropropan	14.28	75	947	0.748	ug/l #	53
93) 1,2,4-Trichlorobenzene	14.92	180	4814	3.574	ug/l	96
94) Hexachlorobutadiene	15.01	225	1216	0.544	ug/l #	73
95) Naphthalene	15.13	128	20436	3.791	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	6297	3.814	ug/l	93

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058884.D

Acq: 21 Oct 2019 13:39

Instrument :

MSVOA_N

ClientSampled :

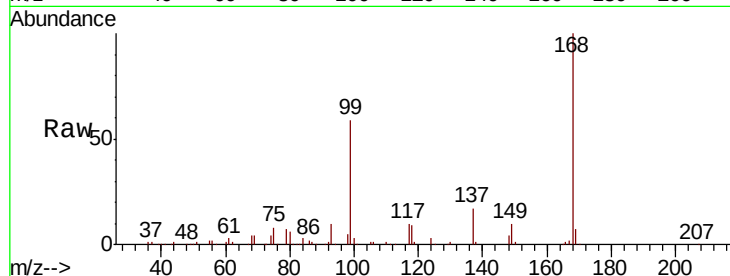
I.BLK

Tot Ion:168 Resp: 411490

Ion Ratio Lower Upper

168 100

99 58.8 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

200000

150000

100000

50000

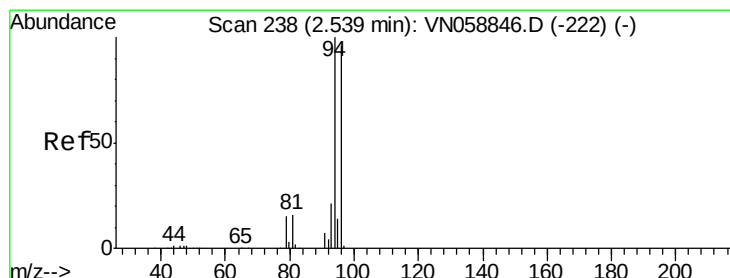
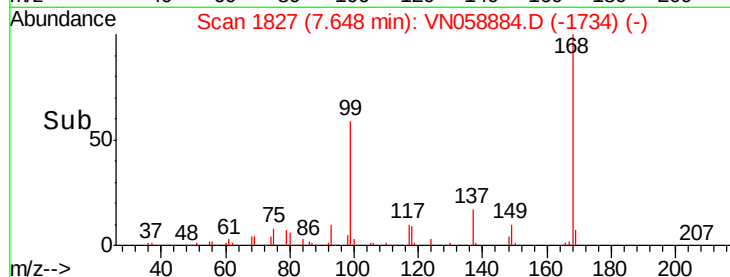
0

7.65

7.60

7.70

Time-->



#5

Bromomethane

Concen: 0.217 ug/l

RT: 2.56 min Scan# 244

Delta R.T. 0.02 min

Lab File: VN058884.D

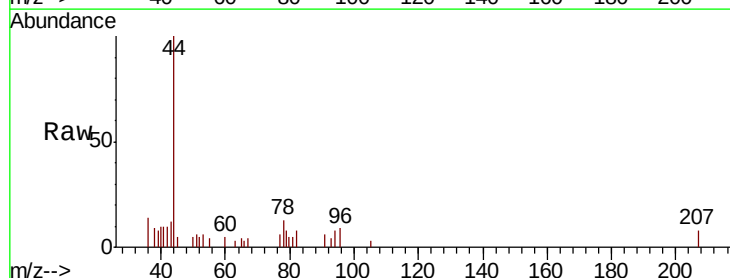
Acq: 21 Oct 2019 13:39

Tgt Ion: 94 Resp: 857

Ion Ratio Lower Upper

94 100

96 114.1 77.0 115.6



Abundance Ion 93.90 (93.60 to 94.60): VN

Ion 95.90 (95.60 to 96.60): VN

600

500

400

300

200

100

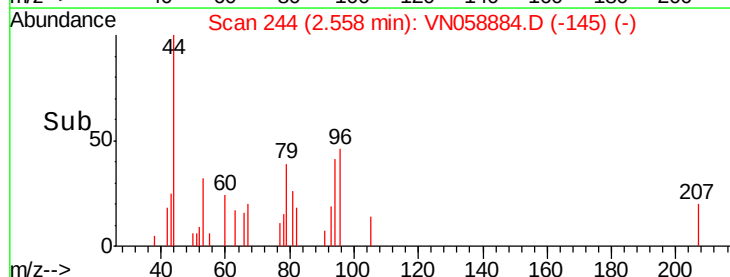
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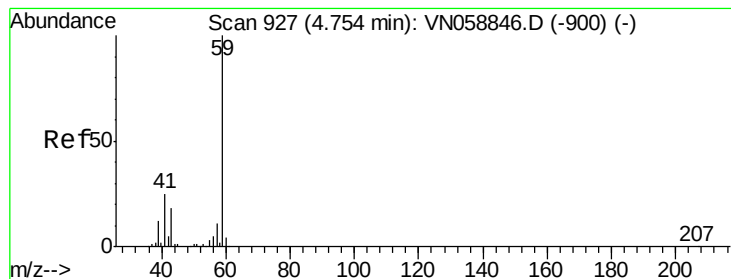
2.56

2.55

2.60

Time-->





#11

Tert butyl alcohol

Concen: 0.265 ug/l

RT: 4.75 min Scan# 926

Delta R.T. -0.00 min

Lab File: VN058884.D

Acq: 21 Oct 2019 13:39

Instrument :

MSVOA_N

ClientSampled :

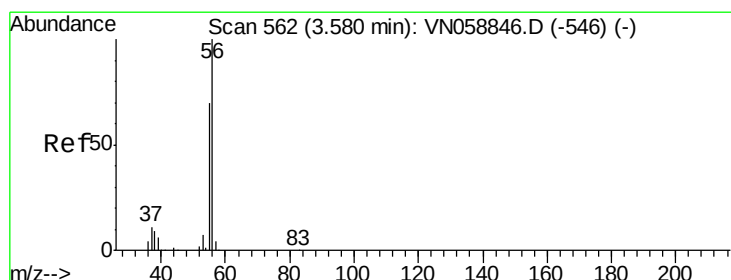
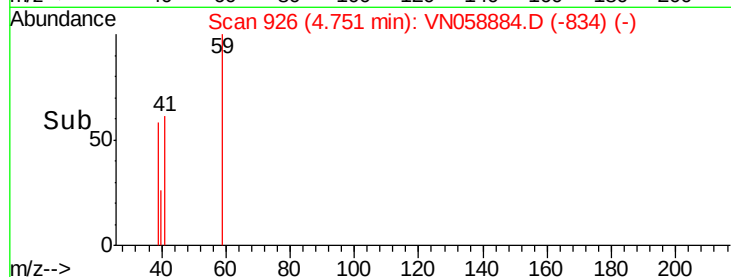
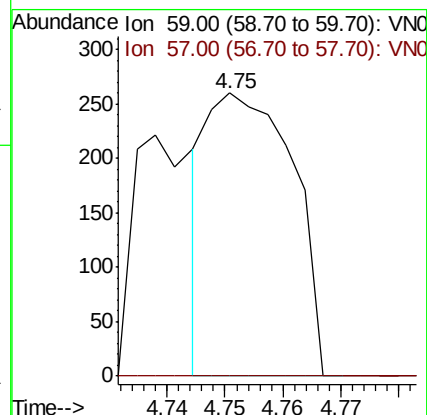
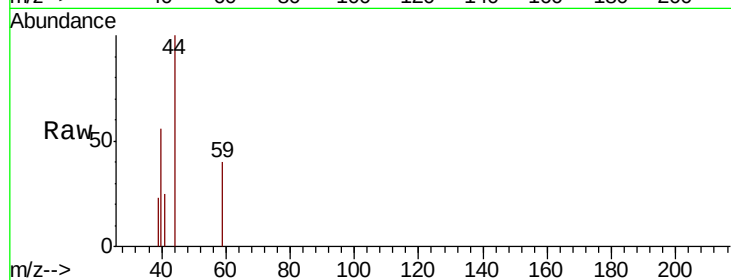
I.BLK

Tot Ion: 59 Resp: 265

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#13

Acrolein

Concen: 1.045 ug/l

RT: 3.60 min Scan# 569

Delta R.T. 0.02 min

Lab File: VN058884.D

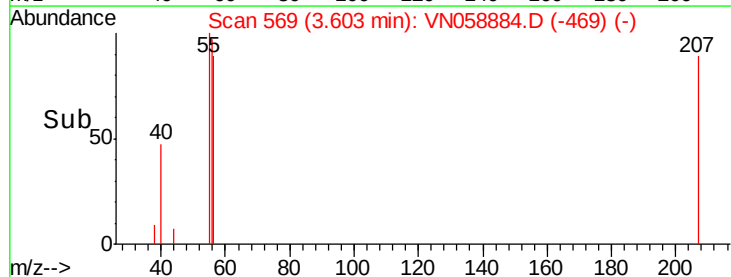
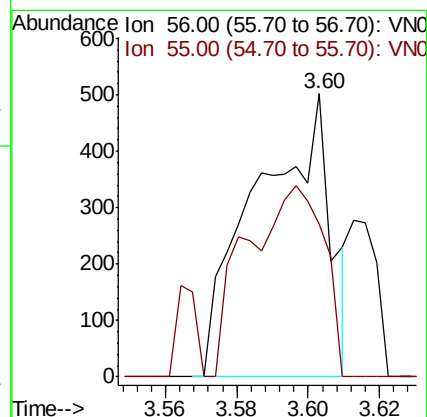
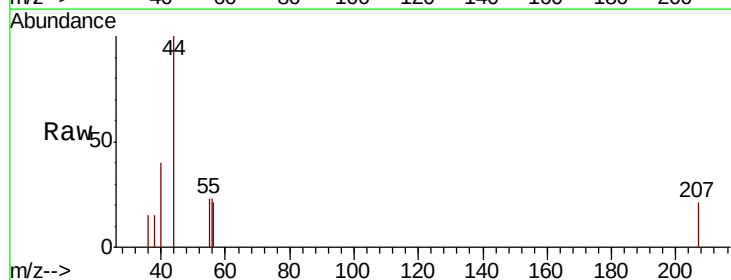
Acq: 21 Oct 2019 13:39

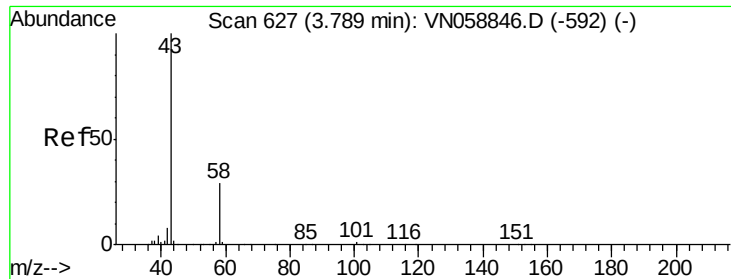
Tgt Ion: 56 Resp: 719

Ion Ratio Lower Upper

56 100

55 70.4 56.6 85.0

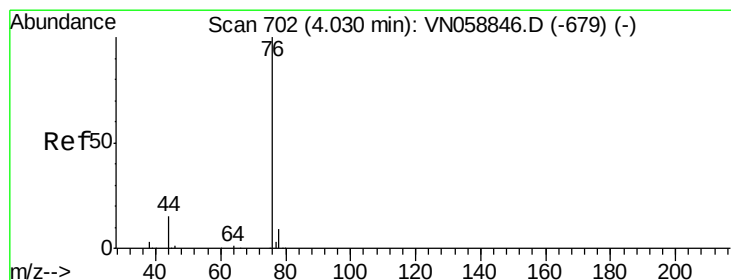
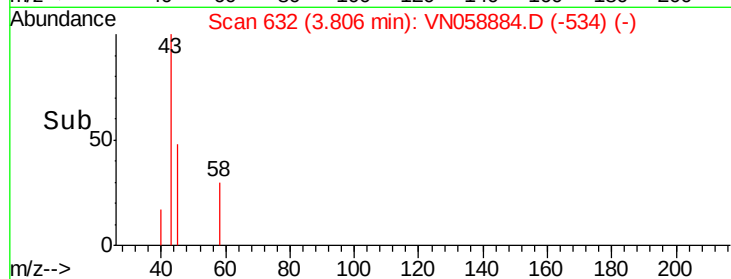
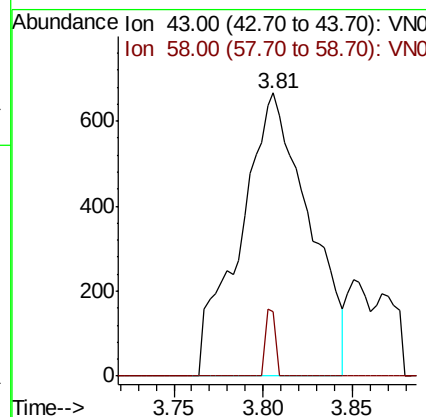
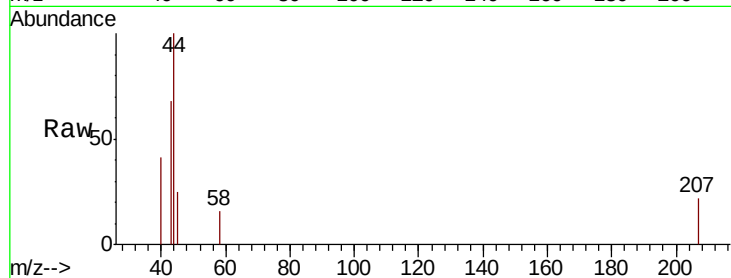




#16
Acetone
Concen: 0.600 ug/l
RT: 3.81 min Scan# 632
Delta R.T. 0.02 min
Lab File: VN058884.D
Acq: 21 Oct 2019 13:39

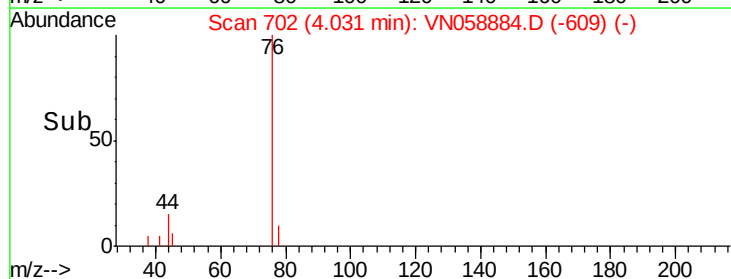
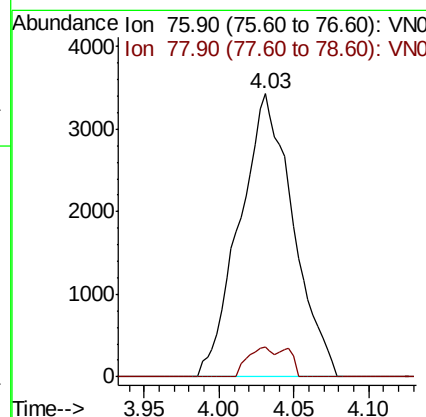
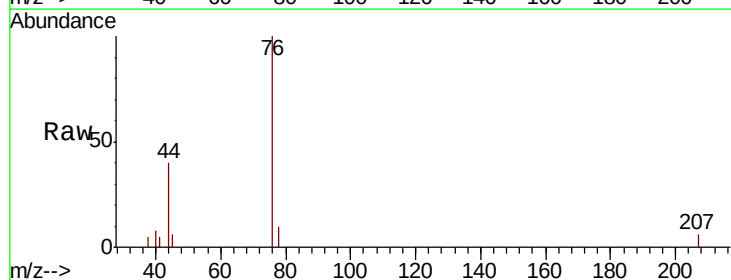
Instrument :
MSVOA_N
ClientSampled :
I.BLK

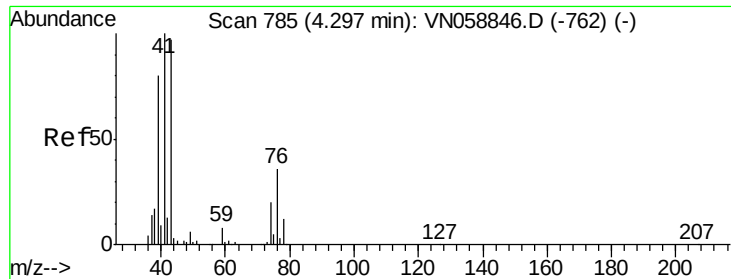
Tot Ion: 43 Resp: 1790
Ion Ratio Lower Upper
43 100
58 23.0 23.1 34.7#



#17
Carbon Disulfide
Concen: 0.653 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN058884.D
Acq: 21 Oct 2019 13:39

Tgt Ion: 76 Resp: 8535
Ion Ratio Lower Upper
76 100
78 10.5 7.1 10.7

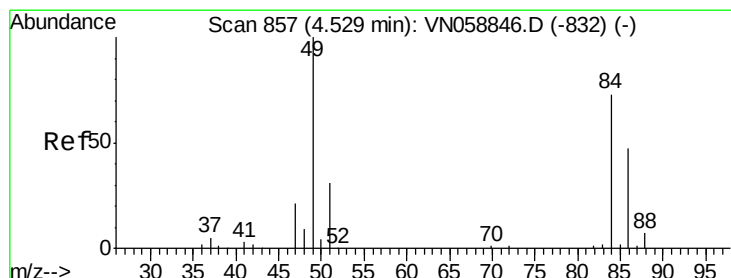
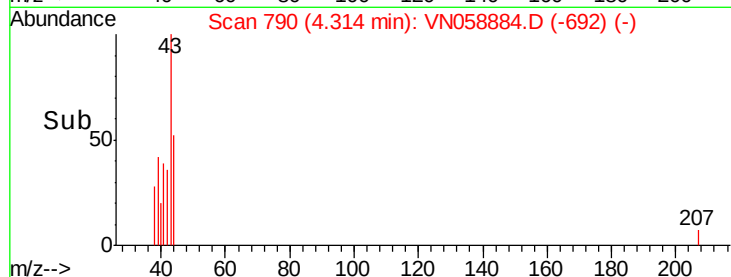
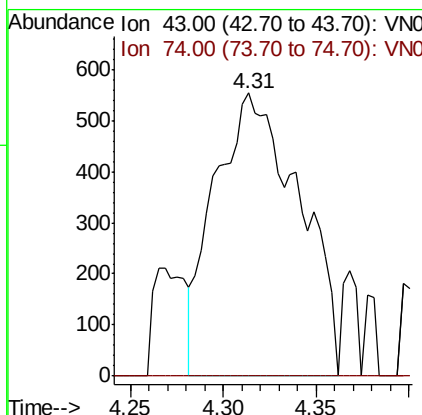
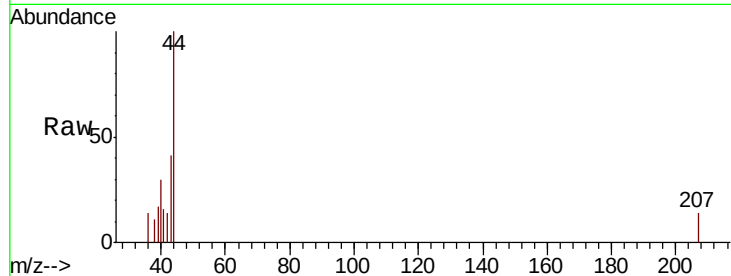




#18
Methvl Acetate
Concen: 0.259 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.02 min
Lab File: VN058884.D
Acq: 21 Oct 2019 13:39

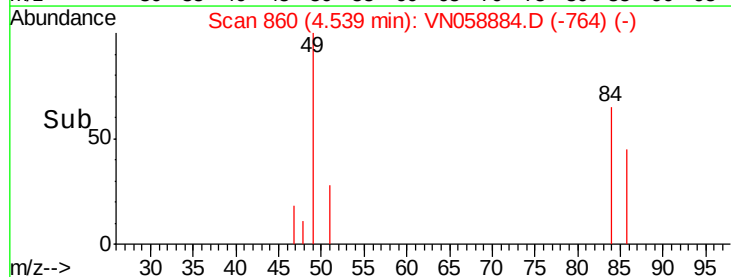
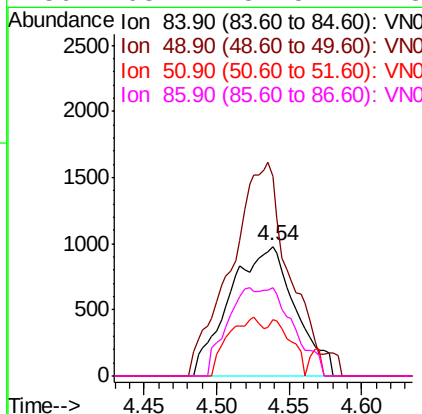
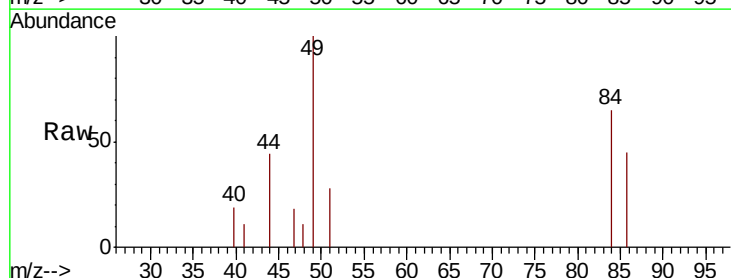
Instrument :
MSVOA_N
ClientSampled :
I.BLK

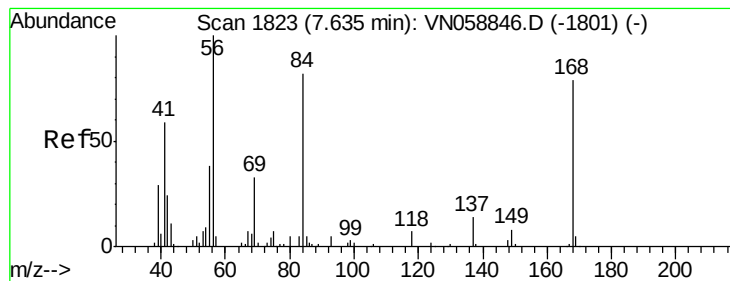
Tot Ion: 43 Resp: 1758
Ion Ratio Lower Upper
43 100
74 0.0 17.1 25.7#



#20
Methylene Chloride
Concen: 0.604 ug/l
RT: 4.54 min Scan# 860
Delta R.T. 0.01 min
Lab File: VN058884.D
Acq: 21 Oct 2019 13:39

Tgt Ion: 84 Resp: 3077
Ion Ratio Lower Upper
84 100
49 154.0 109.6 164.4
51 43.6 33.8 50.6
86 68.7 51.5 77.3





#31

Cyclohexane

Concen: 1.131 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VN058884.D

Acq: 21 Oct 2019 13:39

Instrument :

MSVOA_N

ClientSampled :

I.BLK

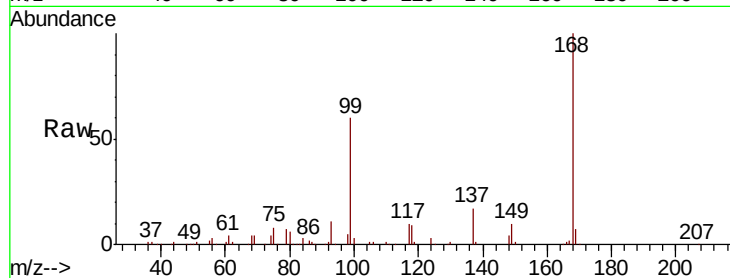
Tot Ion: 56 Resp: 9809

Ion Ratio Lower Upper

56 100

69 151.7 26.2 39.4#

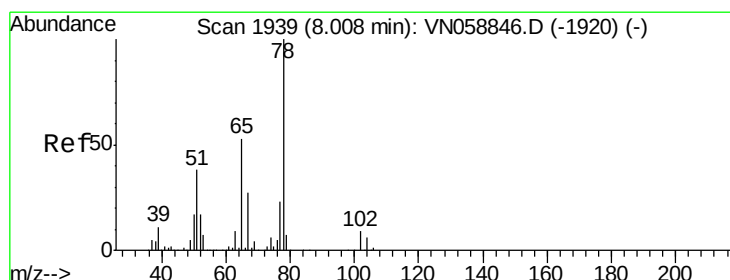
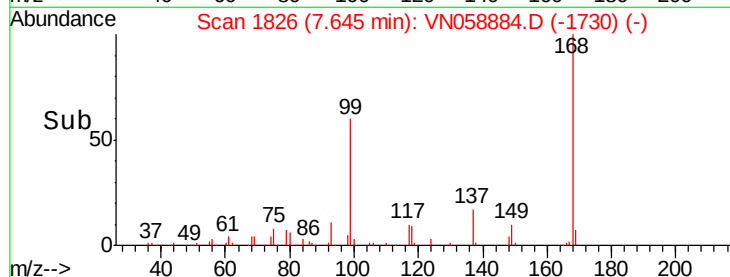
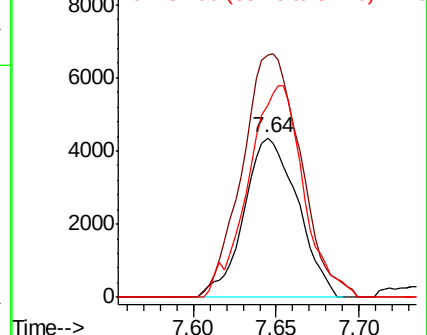
84 121.0 65.6 98.4#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 47.851 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058884.D

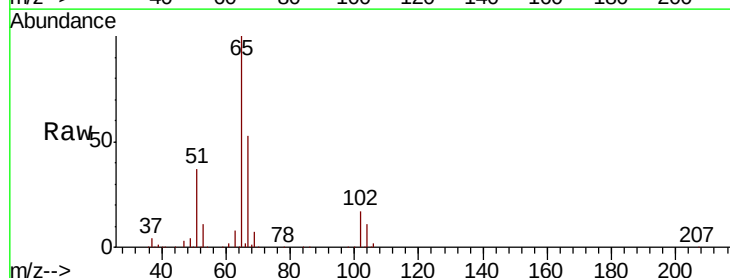
Acq: 21 Oct 2019 13:39

Tgt Ion: 65 Resp: 288785

Ion Ratio Lower Upper

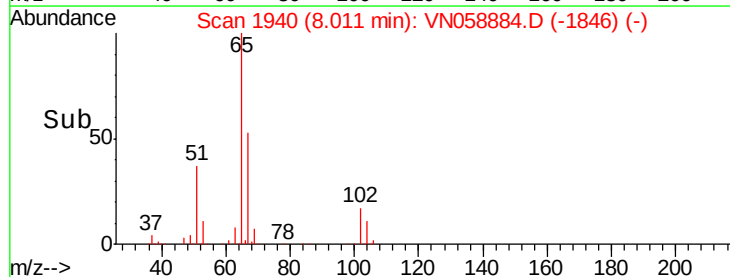
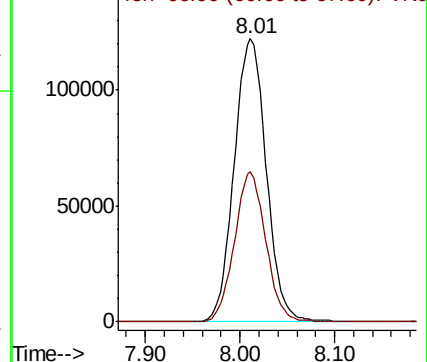
65 100

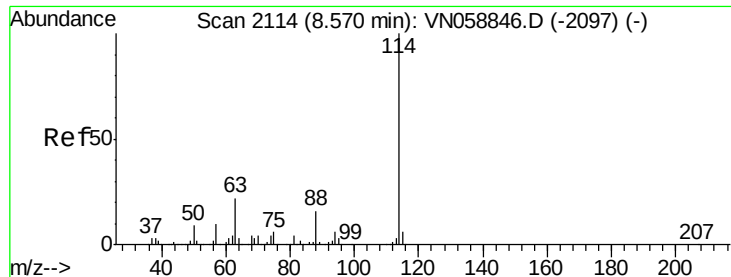
67 51.6 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

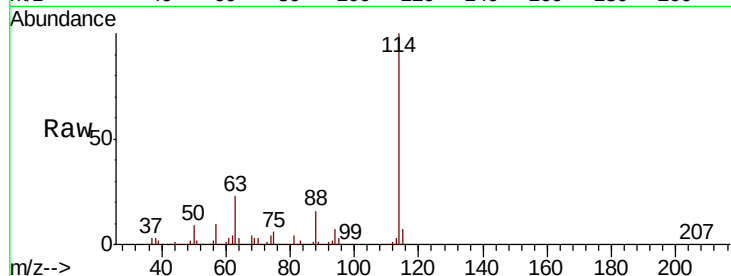




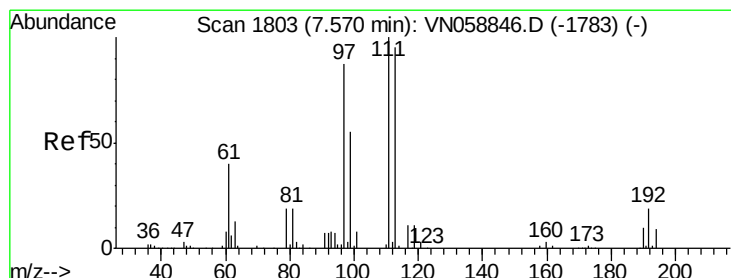
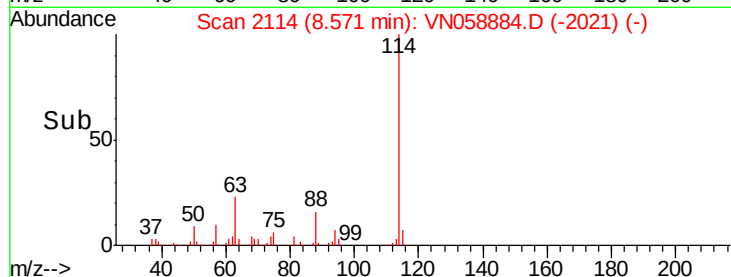
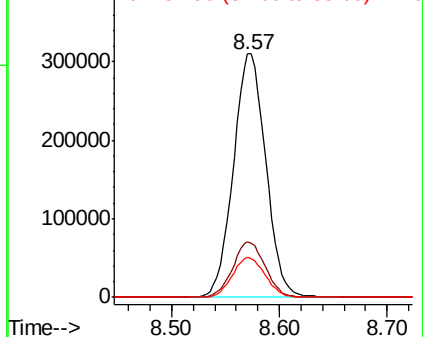
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN058884.D
 Acq: 21 Oct 2019 13:39

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	44.4
88	16.4	0.0	31.4

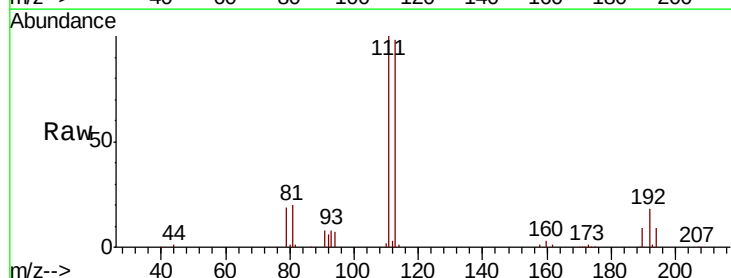


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

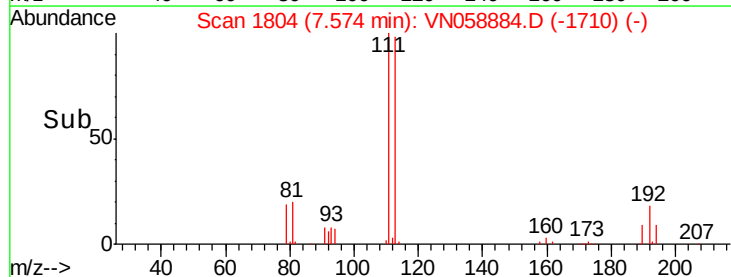
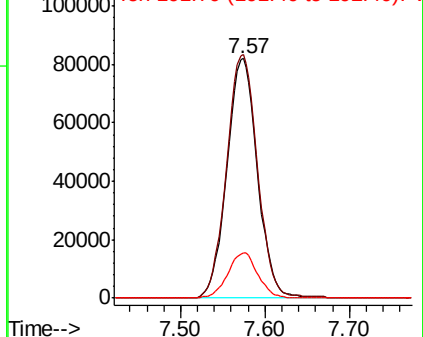


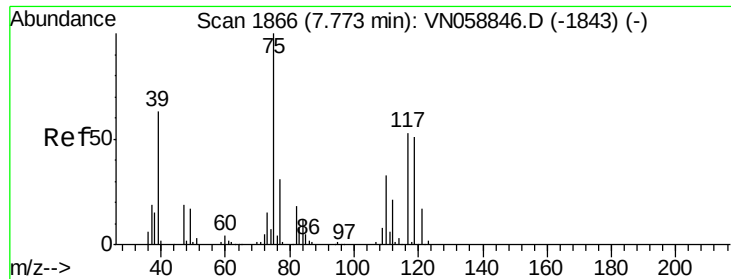
#35
 Dibromofluoromethane
 Concen: 48.315 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058884.D
 Acq: 21 Oct 2019 13:39

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.0	123.0
192	18.6	15.0	22.6



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

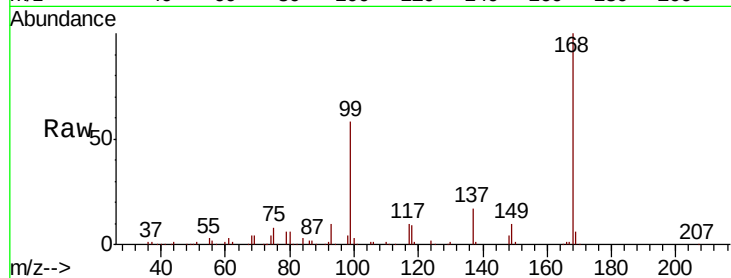




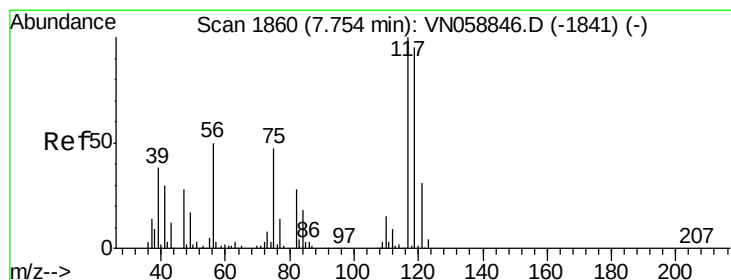
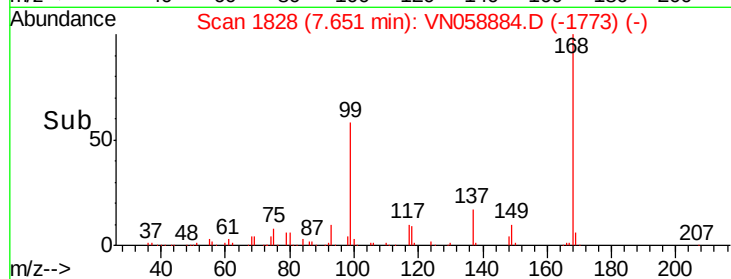
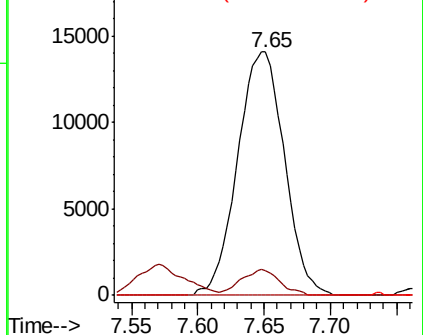
#36
 1,1-Dichloropropene
 Concen: 5.215 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.12 min
 Lab File: VN058884.D
 Acq: 21 Oct 2019 13:39

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.9	16.3	48.9#
77	0.0	24.6	36.8#

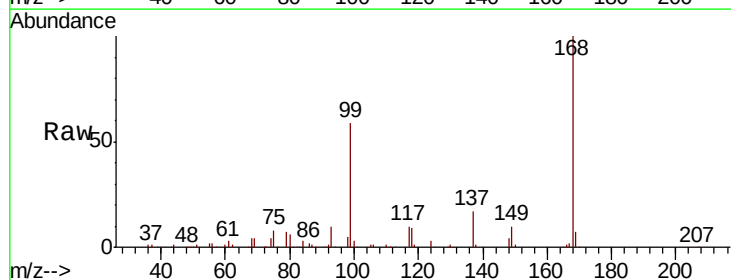


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

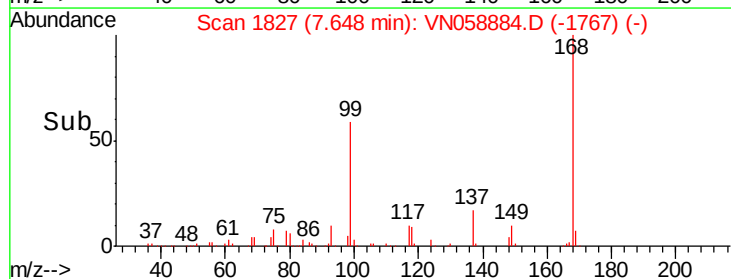
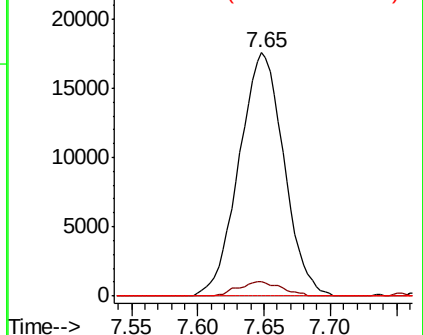


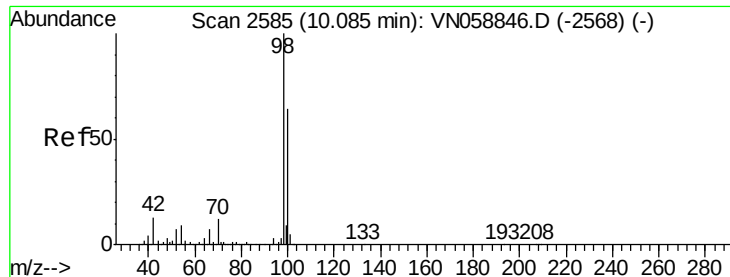
#38
 Carbon Tetrachloride
 Concen: 6.042 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.11 min
 Lab File: VN058884.D
 Acq: 21 Oct 2019 13:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.8	75.7	113.5#
121	0.0	25.0	37.6#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 48.346 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058884.D

Acq: 21 Oct 2019 13:39

Instrument :

MSVOA_N

ClientSampleId :

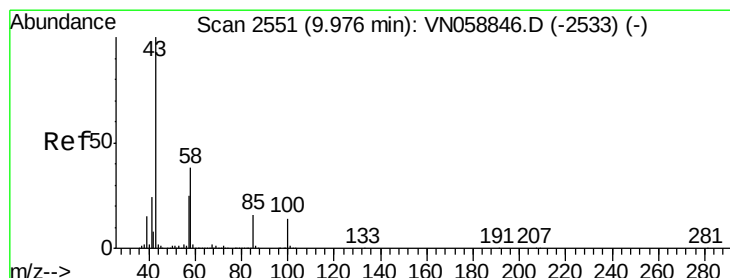
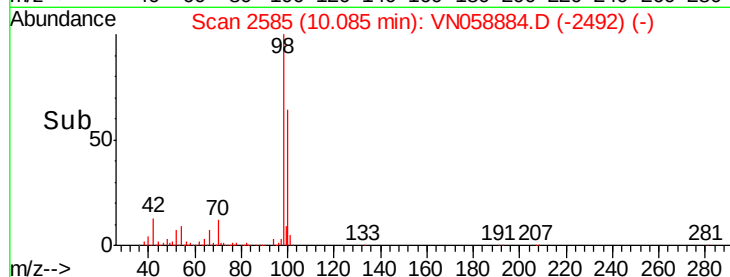
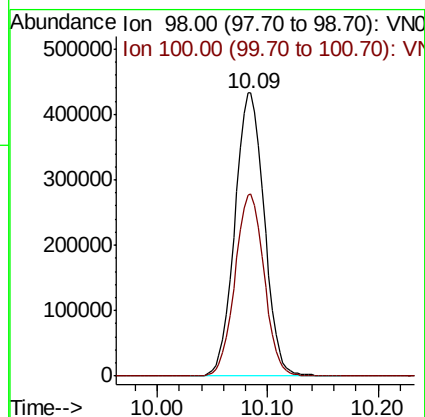
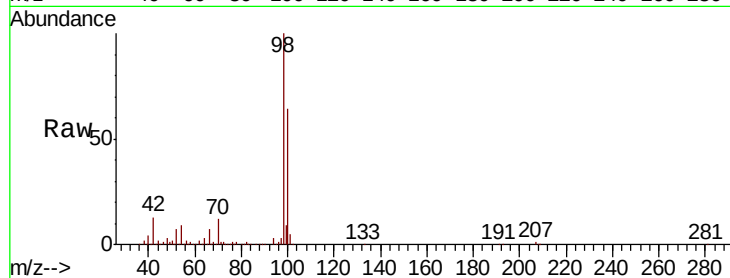
I.BLK

Tot Ion: 98 Resp: 800765

Ion Ratio Lower Upper

98 100

100 63.5 51.4 77.2



#51

4-Methyl-2-Pentanone

Concen: 0.295 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN058884.D

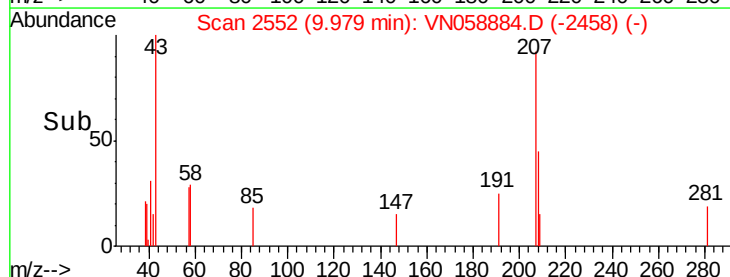
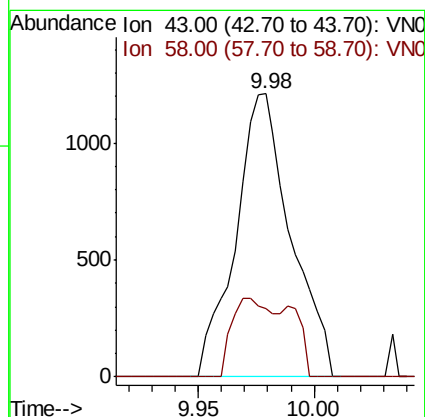
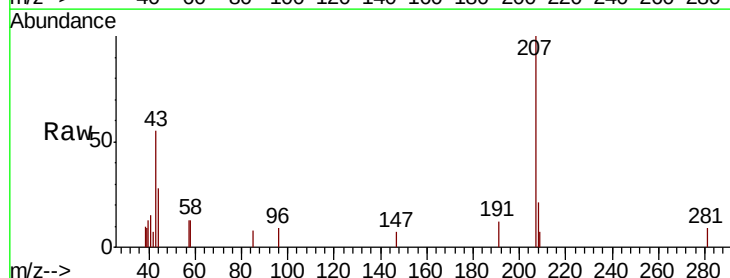
Acq: 21 Oct 2019 13:39

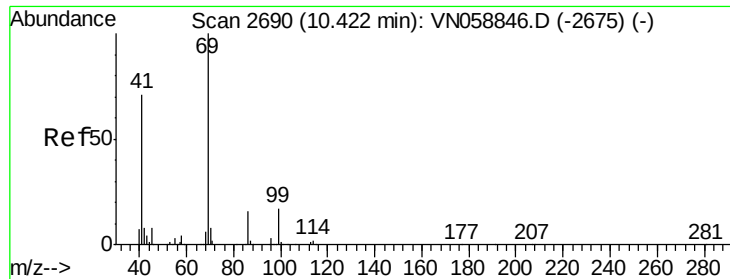
Tgt Ion: 43 Resp: 2002

Ion Ratio Lower Upper

43 100

58 21.9 29.9 44.9#

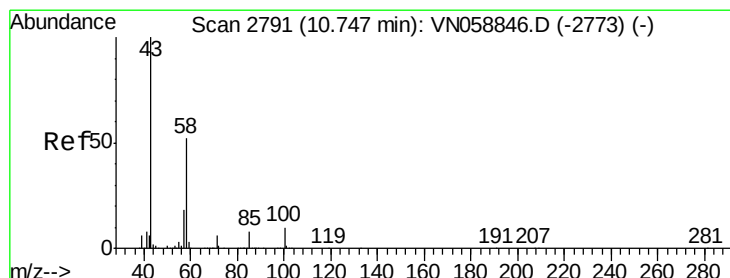
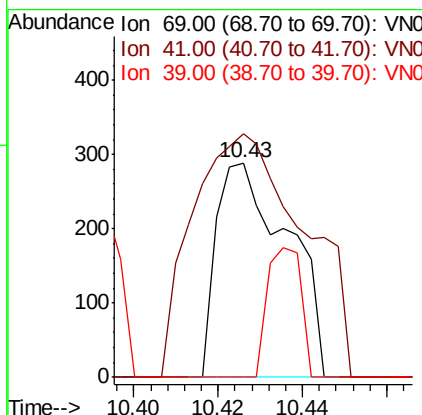
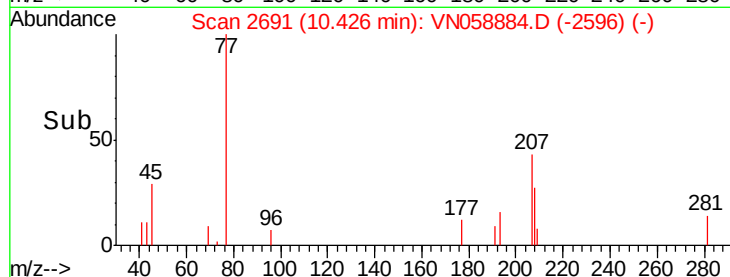
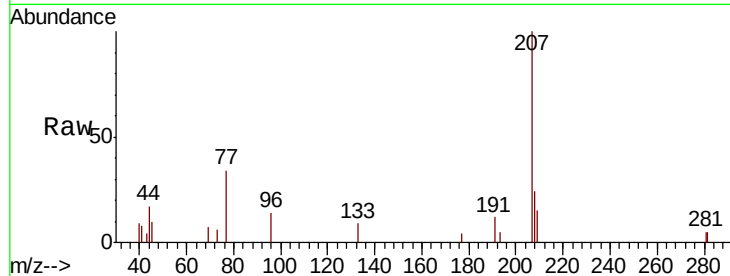




#56
Ethyl methacrylate
Concen: 2.138 ug/l
RT: 10.43 min Scan# 2691
Delta R.T. 0.00 min
Lab File: VN058884.D
Acq: 21 Oct 2019 13:39

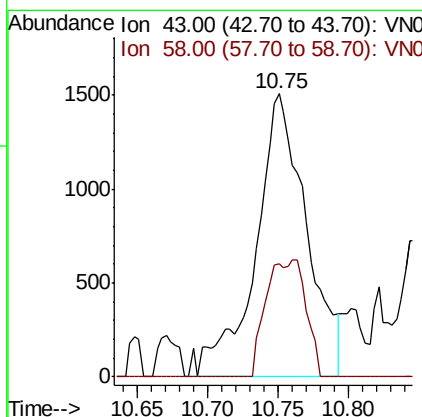
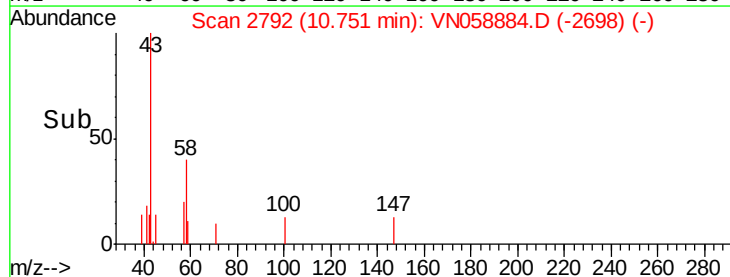
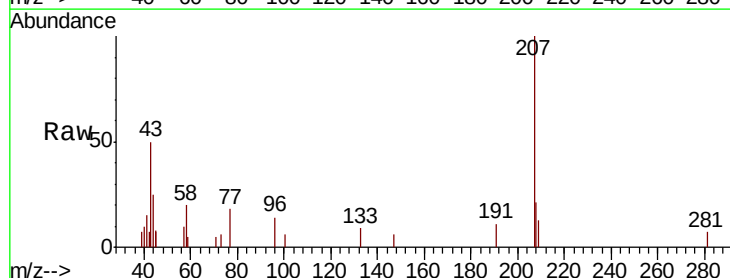
Instrument :
MSVOA_N
ClientSampled :
I.BLK

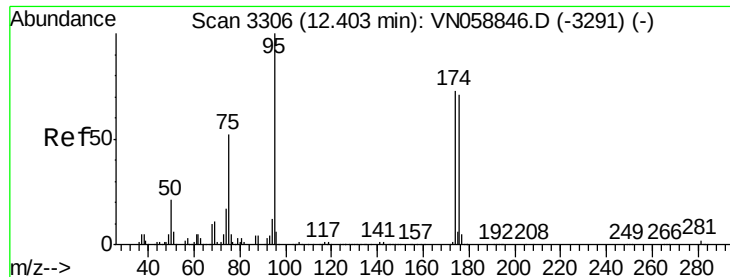
Tot Ion: 69 Resp: 340
Ion Ratio Lower Upper
69 100
41 177.1 57.2 85.8#
39 28.2 31.0 46.4#



#59
2-Hexanone
Concen: 0.726 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN058884.D
Acq: 21 Oct 2019 13:39

Tgt Ion: 43 Resp: 3805
Ion Ratio Lower Upper
43 100
58 16.2 25.9 77.7#

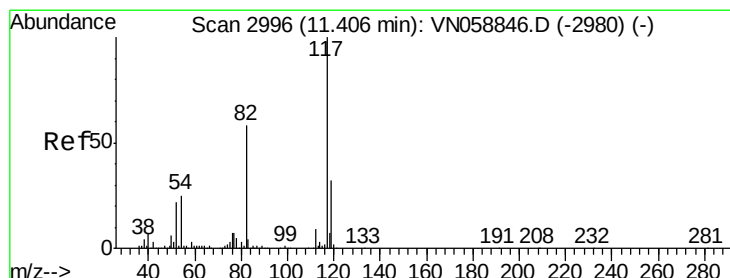
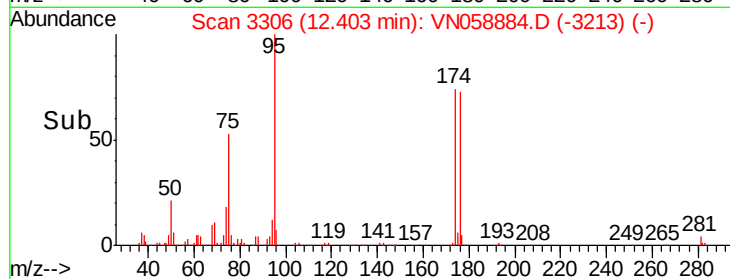
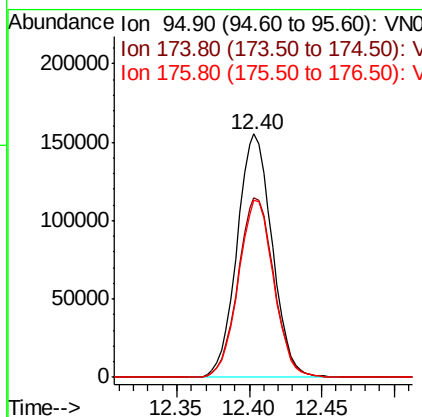
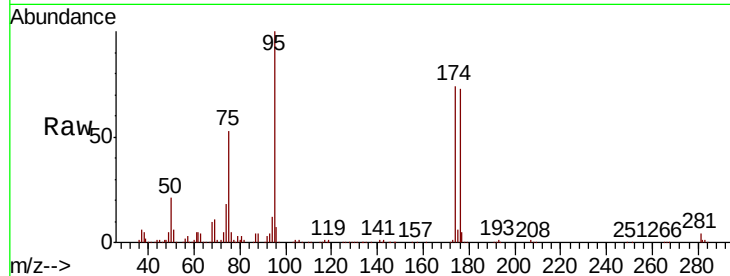




#62
4-Bromofluorobenzene
Concen: 42.823 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN058884.D
Acq: 21 Oct 2019 13:39

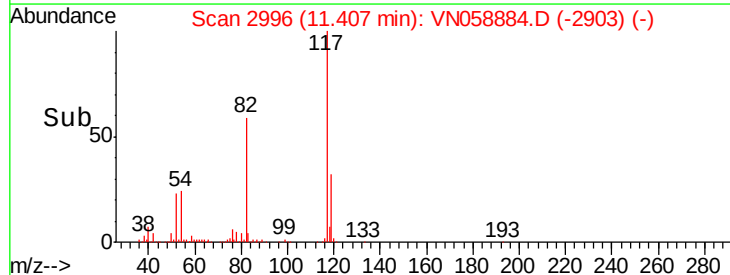
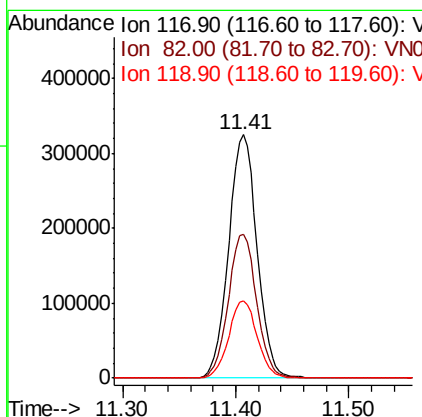
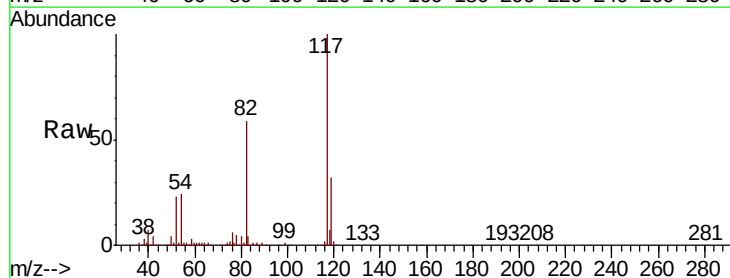
Instrument :
MSVOA_N
ClientSampled :
I.BLK

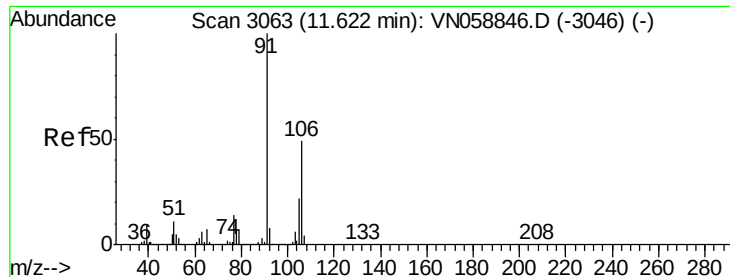
Tot Ion	Ratio	Lower	Upper
95	100		
174	75.9	0.0	147.6
176	73.3	0.0	143.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058884.D
Acq: 21 Oct 2019 13:39

Tgt Ion	Ratio	Lower	Upper
117	100		
82	59.2	46.6	69.8
119	31.9	25.6	38.4

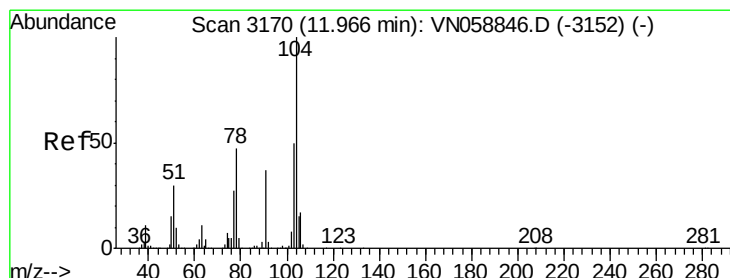
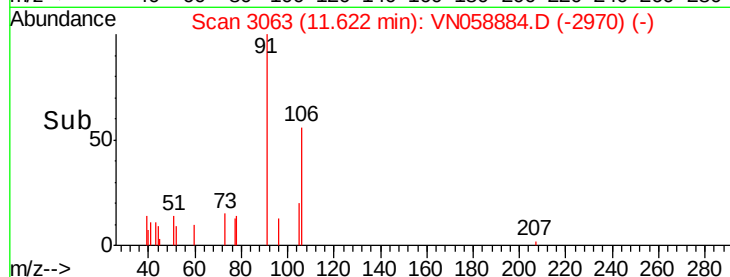
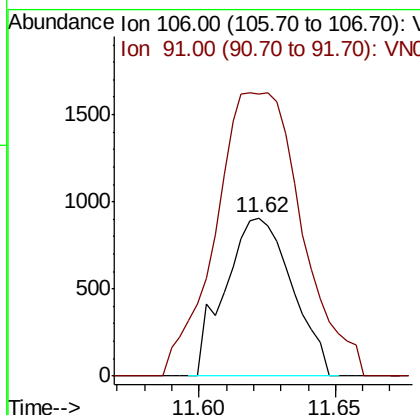
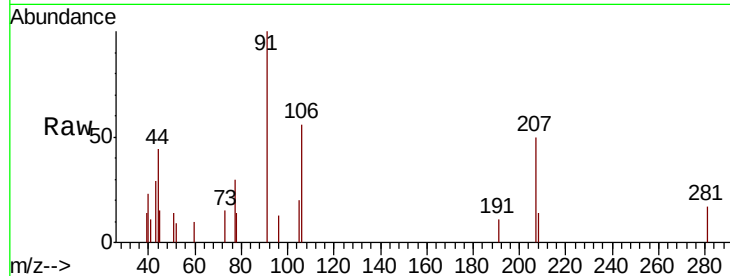




#68
m/p-Xvlenes
Concen: 0.205 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN058884.D
Acq: 21 Oct 2019 13:39

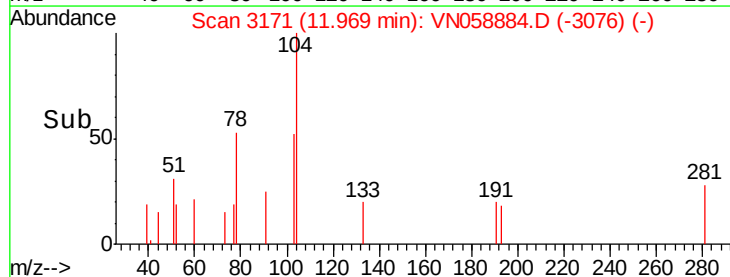
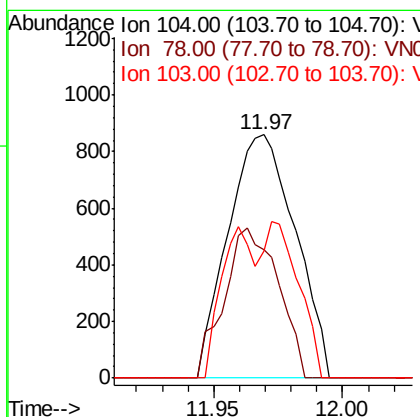
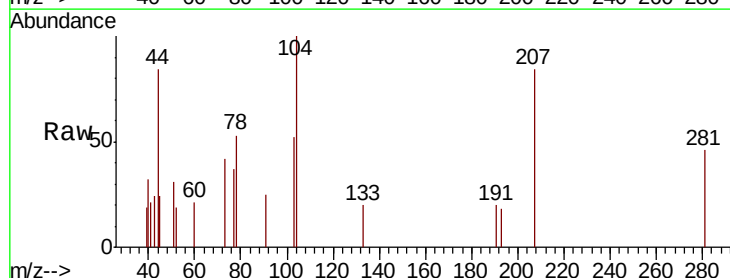
Instrument :
MSVOA_N
ClientSampled :
I.BLK

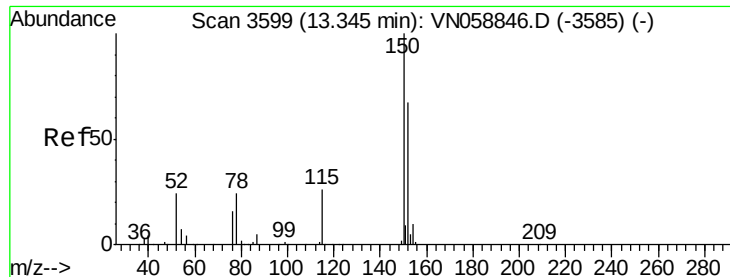
Tot Ion:106 Resp: 1542
Ion Ratio Lower Upper
106 100
91 231.1 166.6 249.8



#70
Styrene
Concen: 1.828 ug/l
RT: 11.97 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN058884.D
Acq: 21 Oct 2019 13:39

Tgt Ion:104 Resp: 1563
Ion Ratio Lower Upper
104 100
78 0.0 42.8 64.2#
103 34.7 44.3 66.5#



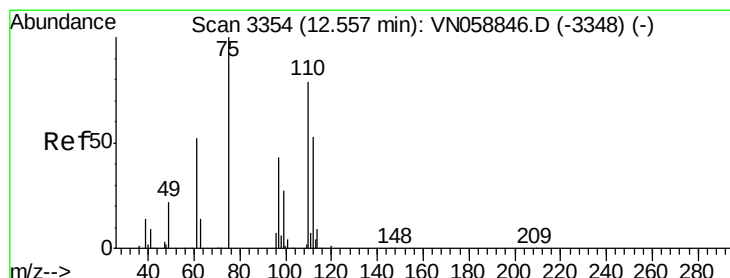
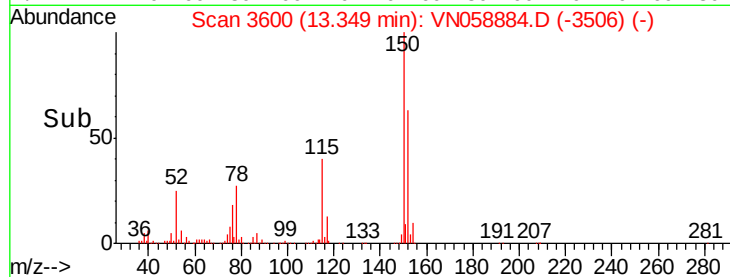
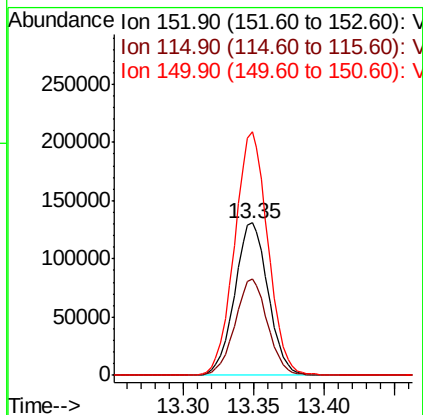
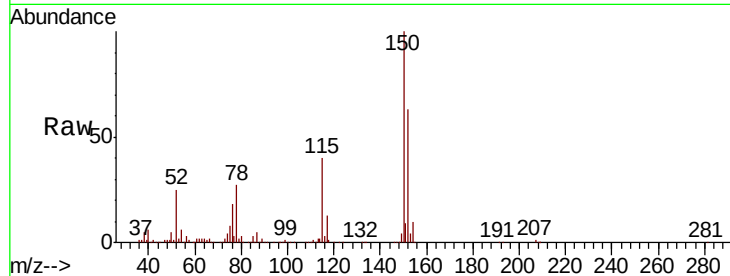


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058884.D
Acq: 21 Oct 2019 13:39

Instrument :
MSVOA_N
ClientSampled :
I.BLK

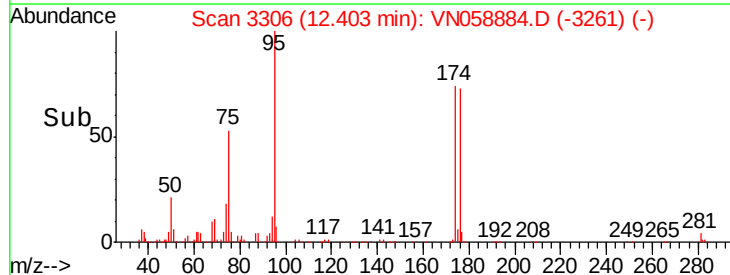
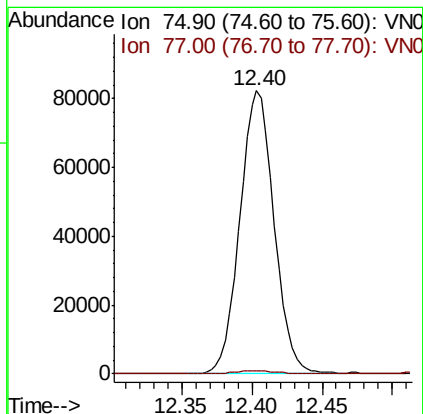
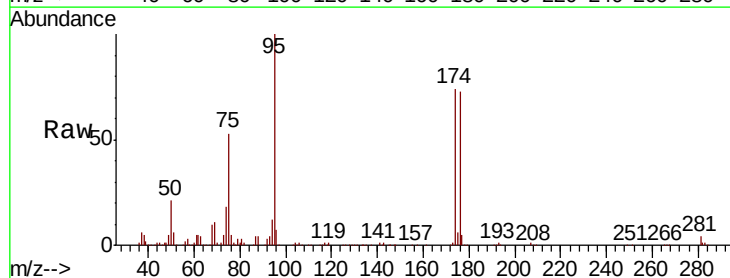
Tot Ion:152 Resp: 217744
Ion Ratio Lower Upper
152 100
115 61.3 30.5 91.5
150 159.3 0.0 344.4

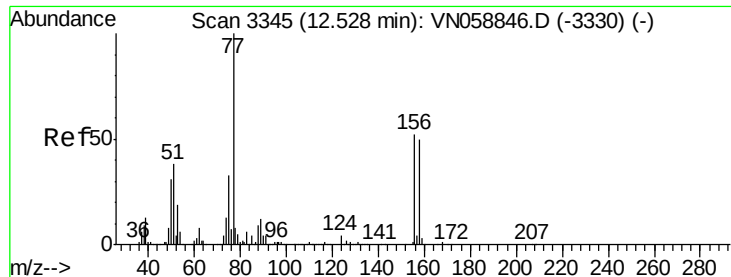


#76

1,2,3-Trichloropropane
Concen: 27.704 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN058884.D
Acq: 21 Oct 2019 13:39

Tgt Ion: 75 Resp: 139806
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#77

Bromobenzene

Concen: 0.262 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN058884.D

Acq: 21 Oct 2019 13:39

Instrument :

MSVOA_N

ClientSampled :

I.BLK

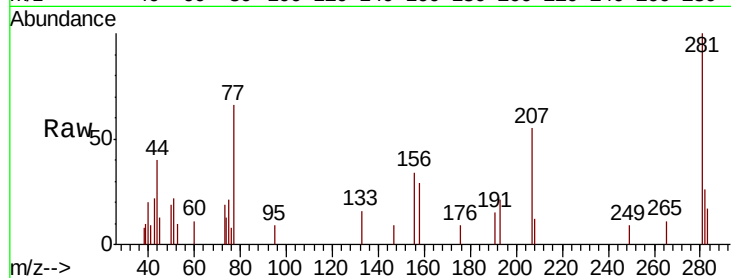
Tot Ion:156 Resp: 1027

Ion Ratio Lower Upper

156 100

77 246.6 118.0 354.0

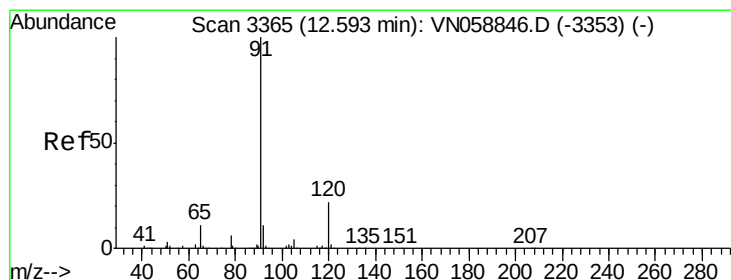
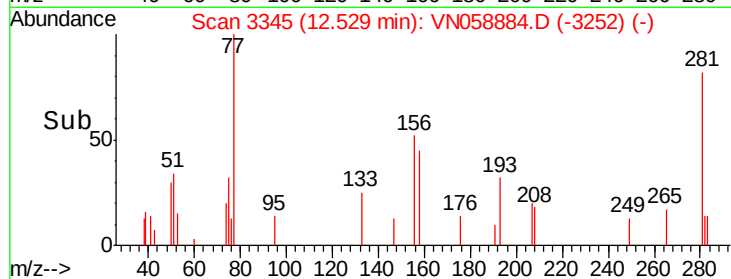
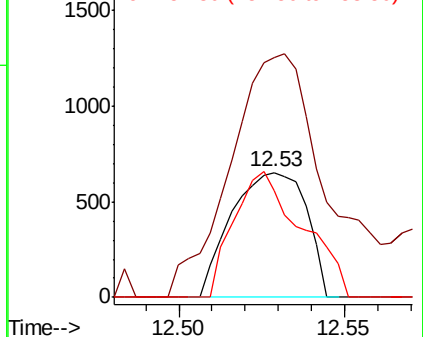
158 92.0 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.203 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN058884.D

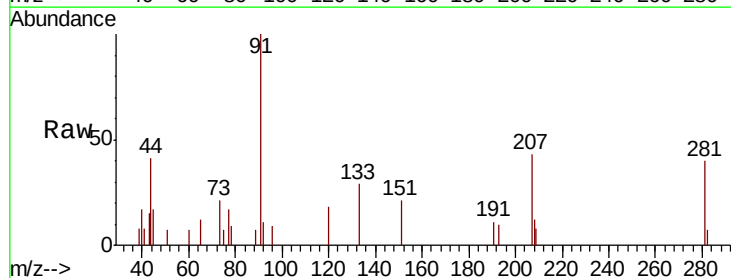
Acq: 21 Oct 2019 13:39

Tgt Ion: 91 Resp: 3813

Ion Ratio Lower Upper

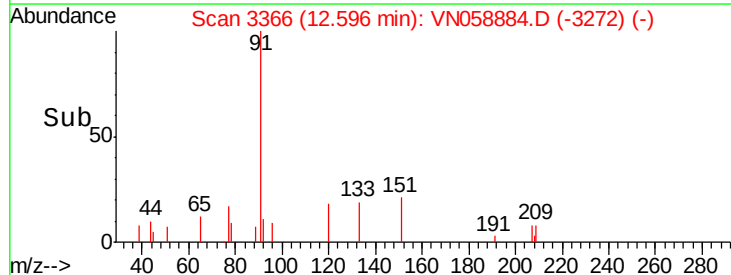
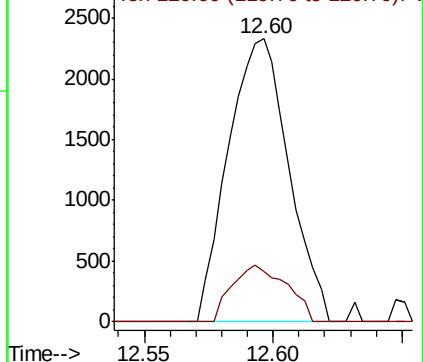
91 100

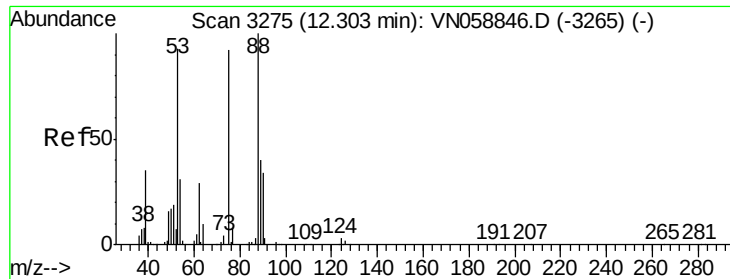
120 18.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 72.171 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN058884.D

Acq: 21 Oct 2019 13:39

Instrument :

MSVOA_N

ClientSampled :

I.BLK

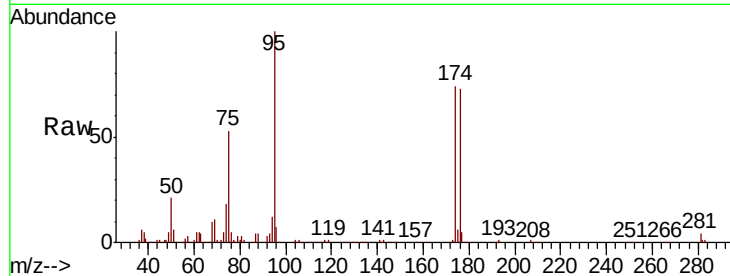
Tot Ion: 75 Resp: 139806

Ion Ratio Lower Upper

75 100

53 0.0 78.6 118.0#

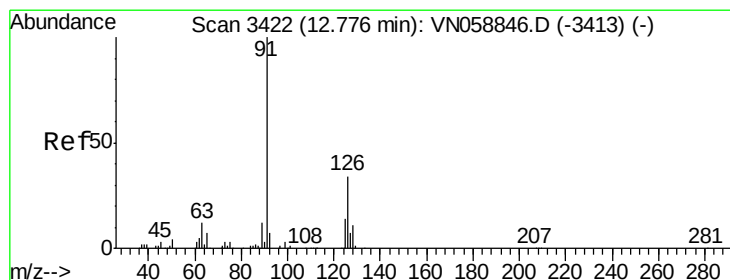
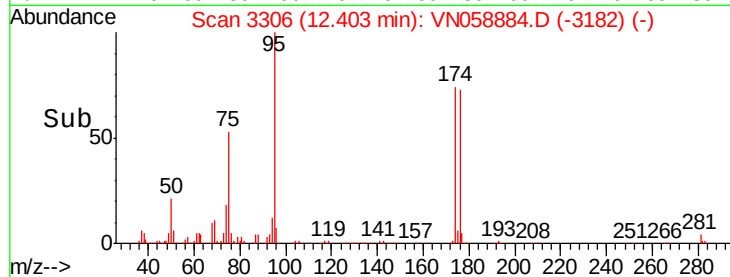
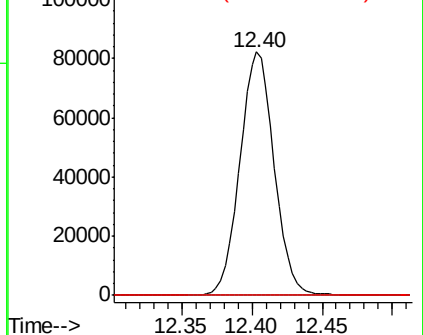
89 0.0 35.4 53.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 0.311 ug/l

RT: 12.78 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN058884.D

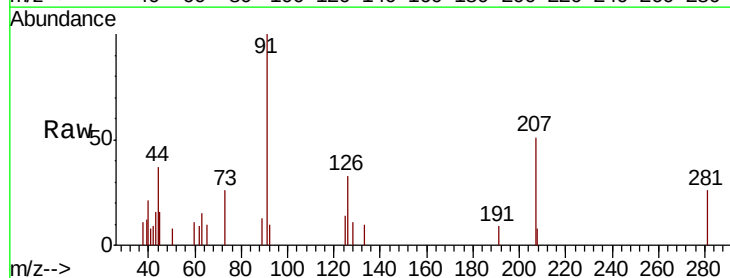
Acq: 21 Oct 2019 13:39

Tgt Ion: 91 Resp: 3654

Ion Ratio Lower Upper

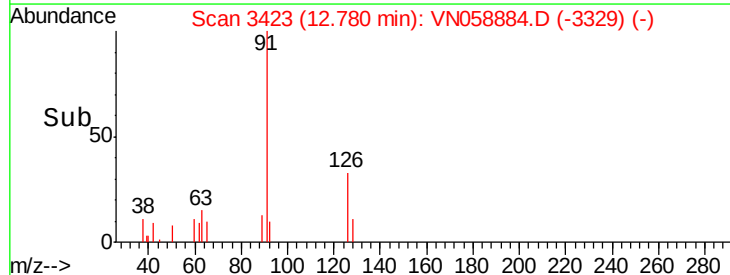
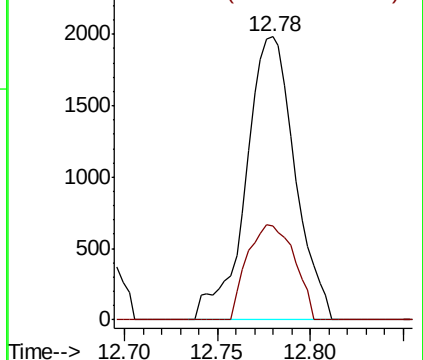
91 100

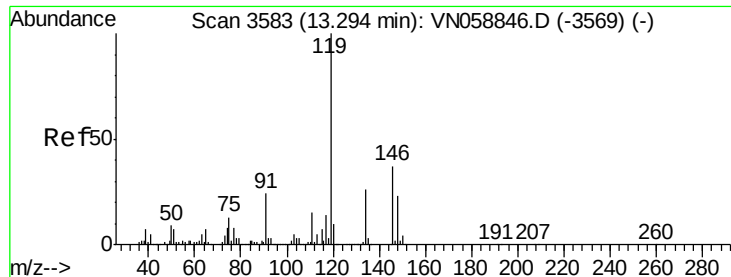
126 32.3 16.0 47.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

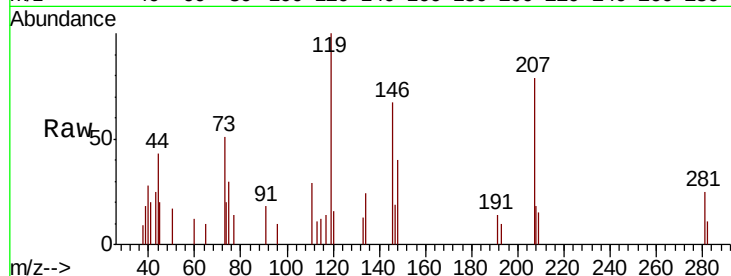




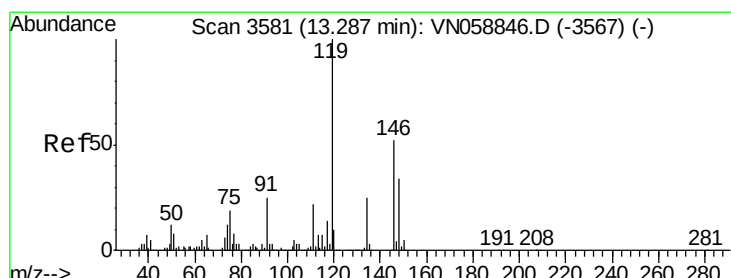
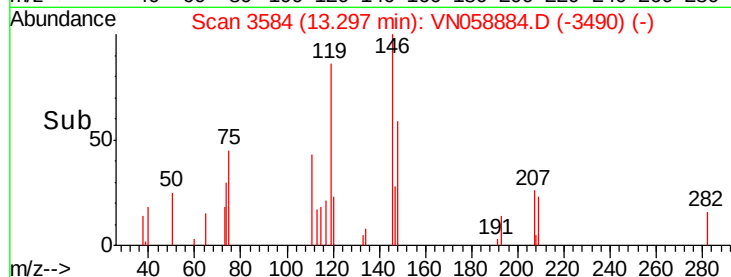
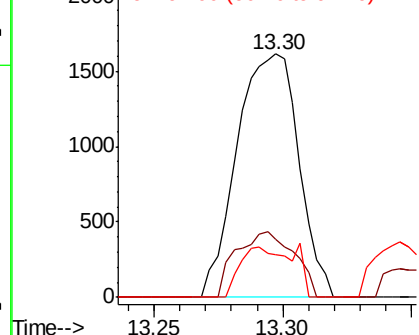
#86
 p-Isopropyltoluene
 Concen: 0.200 ug/l
 RT: 13.30 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN058884.D
 Acq: 21 Oct 2019 13:39

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Tot Ion:119 Resp: 2690
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.4
 91 18.1 12.2 36.4

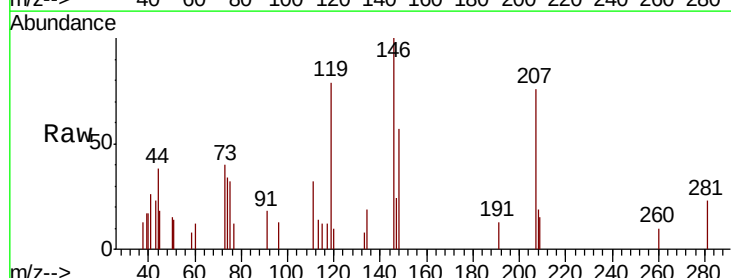


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

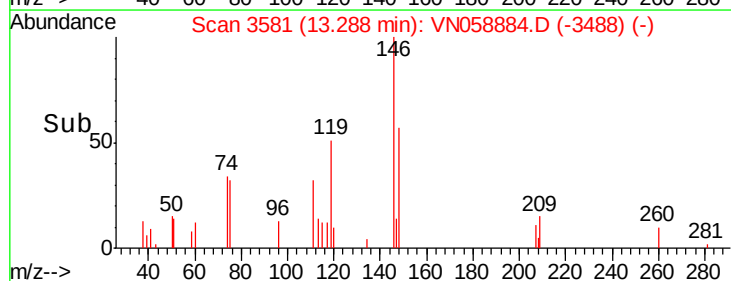
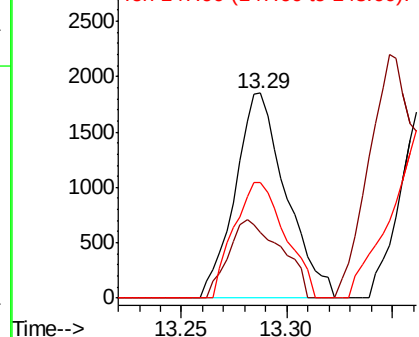


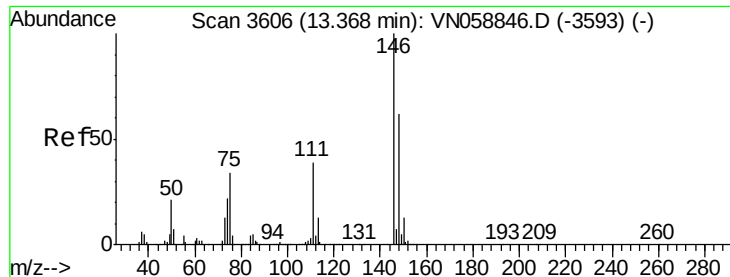
#87
 1,3-Dichlorobenzene
 Concen: 0.444 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN058884.D
 Acq: 21 Oct 2019 13:39

Tgt Ion:146 Resp: 3111
 Ion Ratio Lower Upper
 146 100
 111 39.6 21.0 63.0
 148 56.5 32.1 96.3



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





#88

1,4-Dichlorobenzene

Concen: 0.443 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.08 min

Lab File: VN058884.D

Acq: 21 Oct 2019 13:39

Instrument :

MSVOA_N

ClientSampleId :

I.BLK

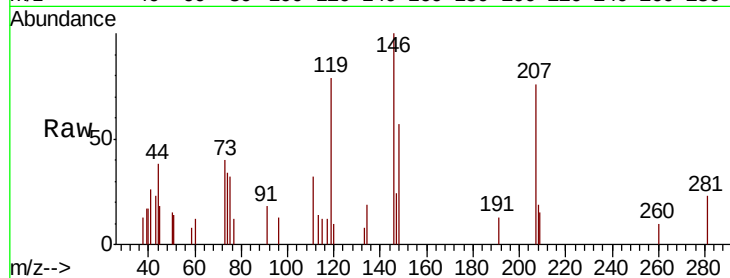
Tot Ion:146 Resp: 3111

Ion Ratio Lower Upper

146 100

111 39.6 20.2 60.6

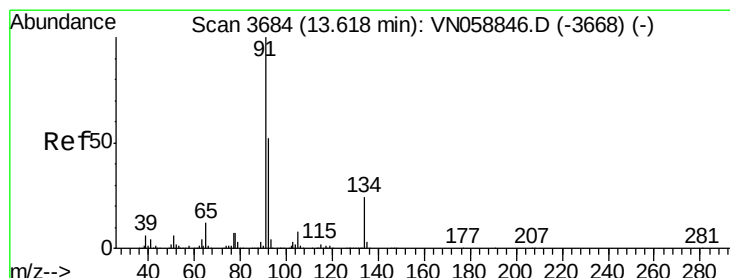
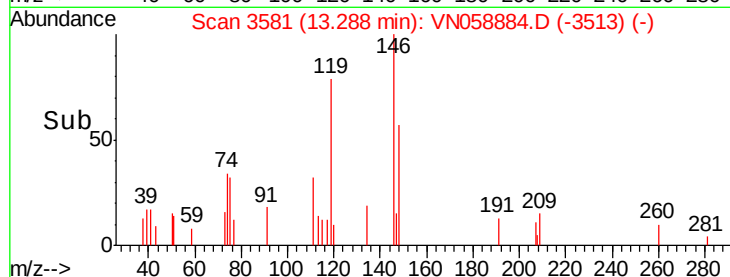
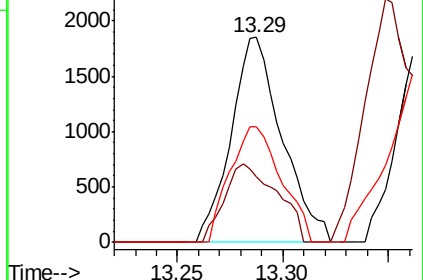
148 56.5 31.6 94.7



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: 0.345 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN058884.D

Acq: 21 Oct 2019 13:39

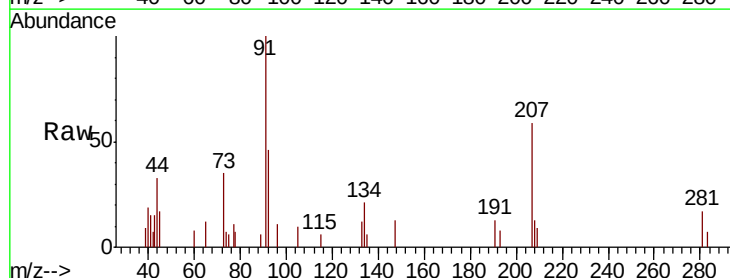
Tgt Ion: 91 Resp: 4264

Ion Ratio Lower Upper

91 100

92 45.1 25.7 77.1

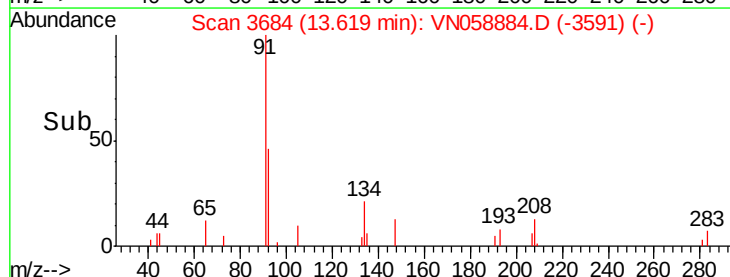
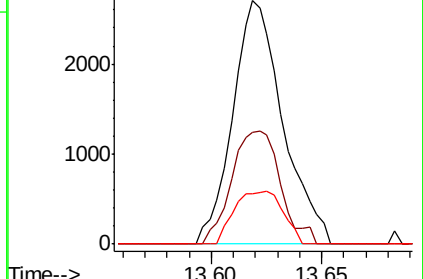
134 21.1 11.9 35.5

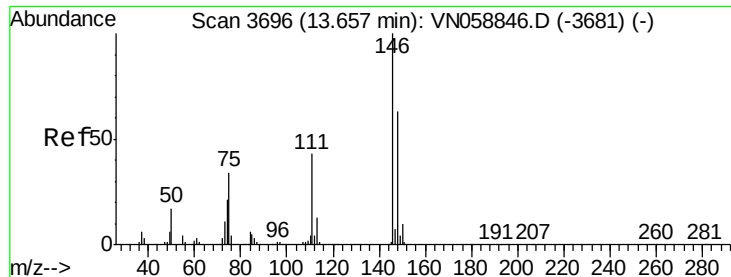


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#91

1,2-Dichlorobenzene

Concen: 0.407 ug/l

RT: 13.66 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN058884.D

Acq: 21 Oct 2019 13:39

Instrument :

MSVOA_N

ClientSampled :

I.BLK

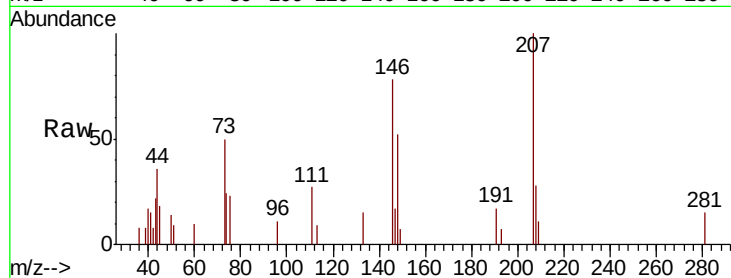
Tot Ion:146 Resp: 2806

Ion Ratio Lower Upper

146 100

111 33.7 21.6 64.8

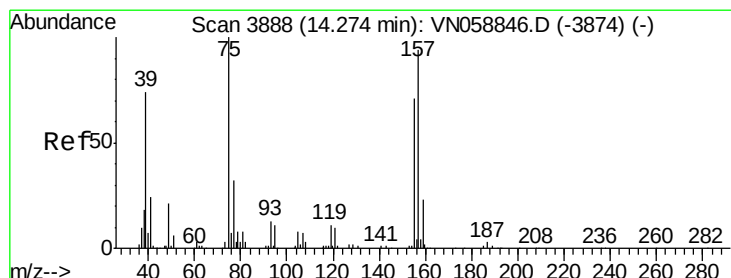
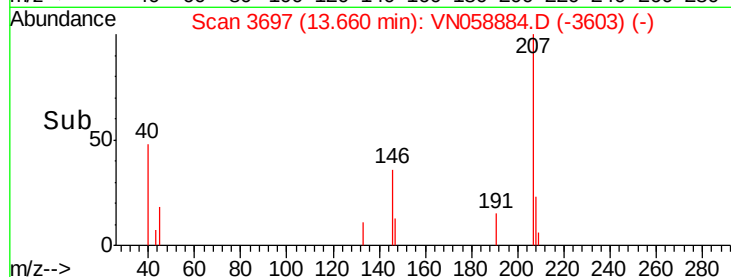
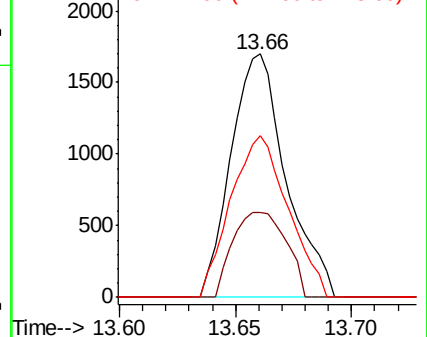
148 69.1 31.9 95.9



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: 0.748 ug/l

RT: 14.28 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN058884.D

Acq: 21 Oct 2019 13:39

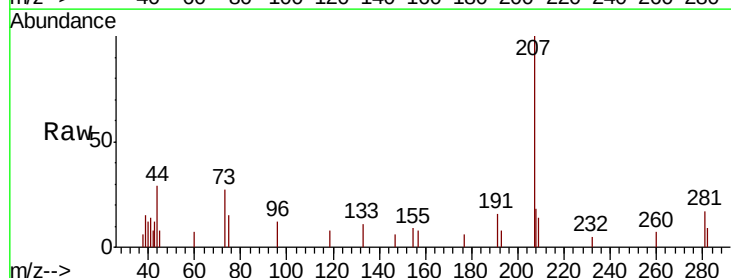
Tgt Ion: 75 Resp: 947

Ion Ratio Lower Upper

75 100

155 37.9 35.6 106.8

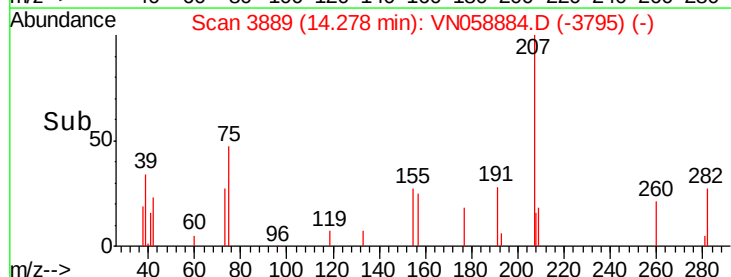
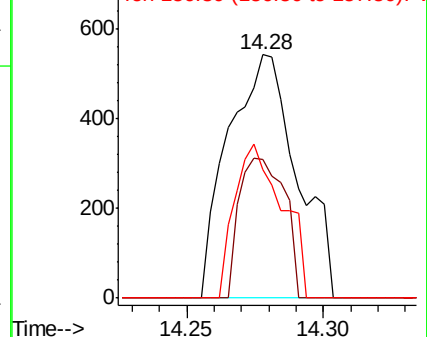
157 44.1 47.4 142.2#

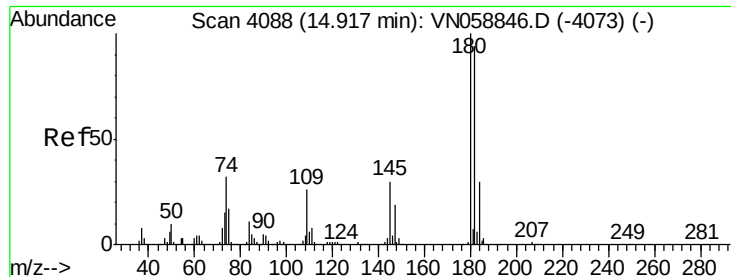


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 3.574 ug/l

RT: 14.92 min Scan# 4089

Delta R.T. 0.00 min

Lab File: VN058884.D

Acq: 21 Oct 2019 13:39

Instrument :

MSVOA_N

ClientSampleId :

I.BLK

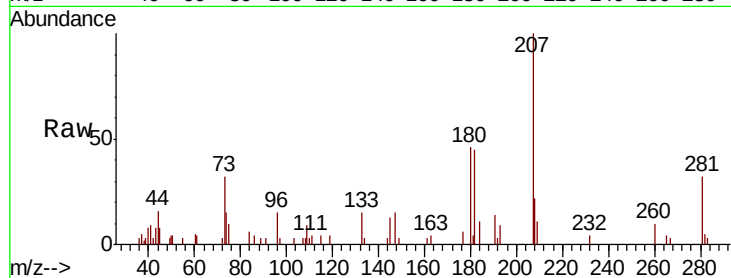
Tot Ion:180 Resp: 4814

Ion Ratio Lower Upper

180 100

182 99.8 47.3 142.0

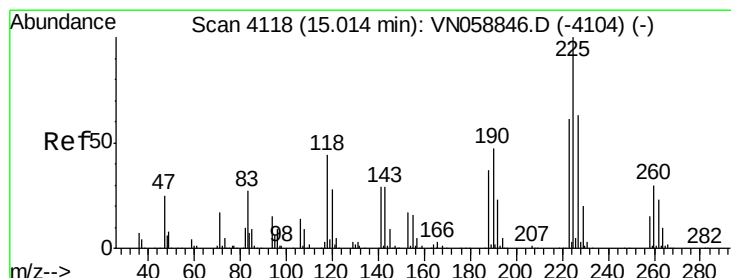
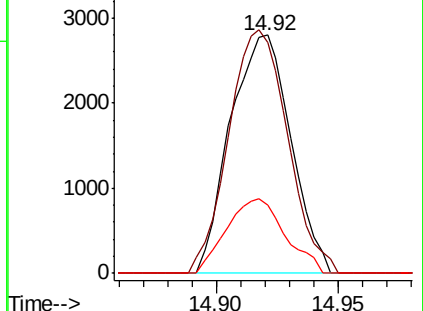
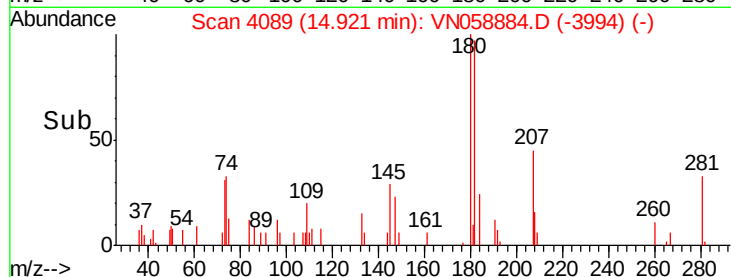
145 30.1 15.3 45.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 0.544 ug/l

RT: 15.01 min Scan# 4118

Delta R.T. 0.00 min

Lab File: VN058884.D

Acq: 21 Oct 2019 13:39

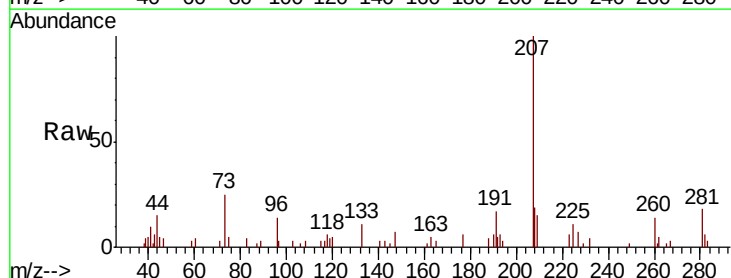
Tgt Ion:225 Resp: 1216

Ion Ratio Lower Upper

225 100

223 29.2 30.9 92.5#

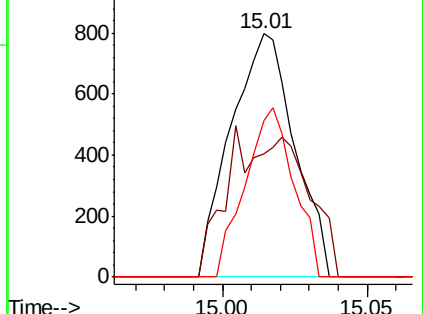
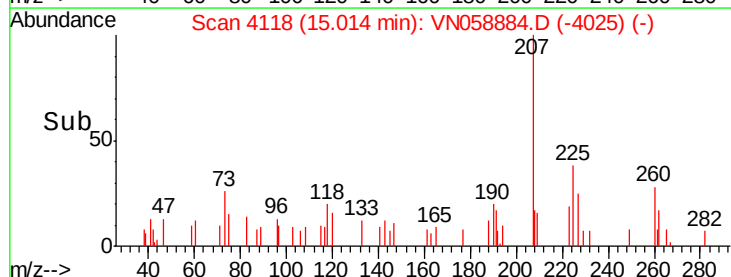
227 53.2 31.6 94.7

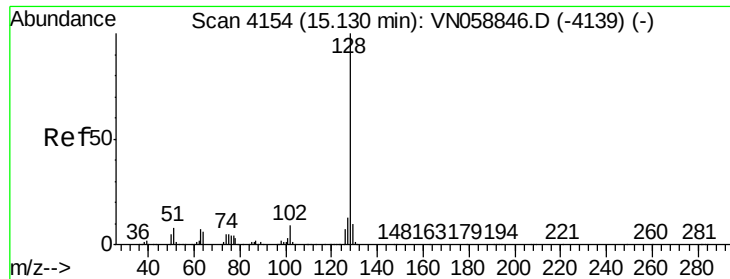


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 3.791 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058884.D

Acq: 21 Oct 2019 13:39

Instrument :

MSVOA_N

ClientSampleId :

I.BLK

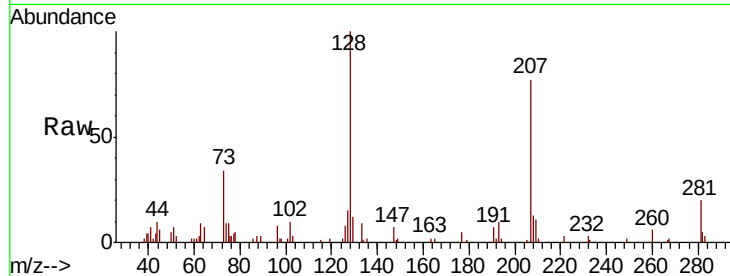
Tot Ion:128 Resp: 20436

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

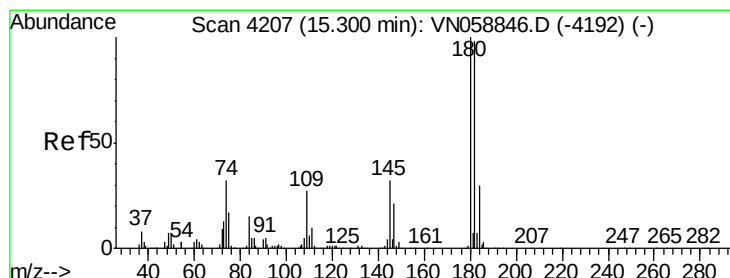
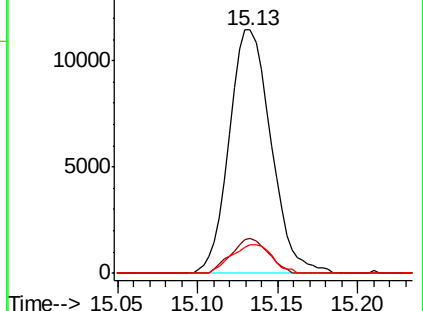
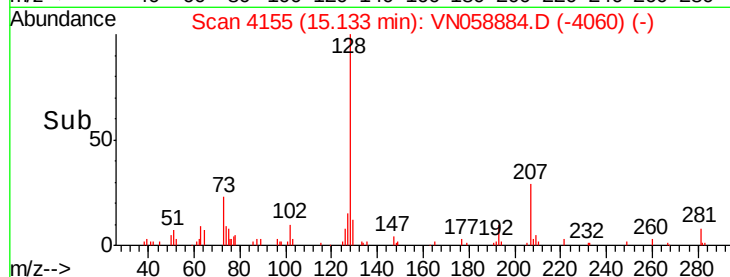
129 11.5 8.4 12.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.814 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN058884.D

Acq: 21 Oct 2019 13:39

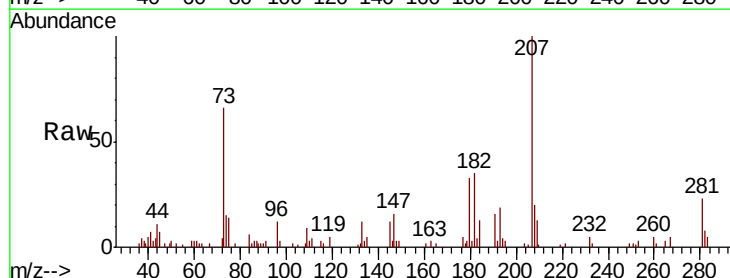
Tgt Ion:180 Resp: 6297

Ion Ratio Lower Upper

180 100

182 91.7 47.9 143.7

145 39.5 15.9 47.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

