

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121418\
 Data File : VN052894.D
 Acq On : 14 Dec 2018 17:45
 Operator : MD\SY
 Sample : PB115667TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 15 02:59:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

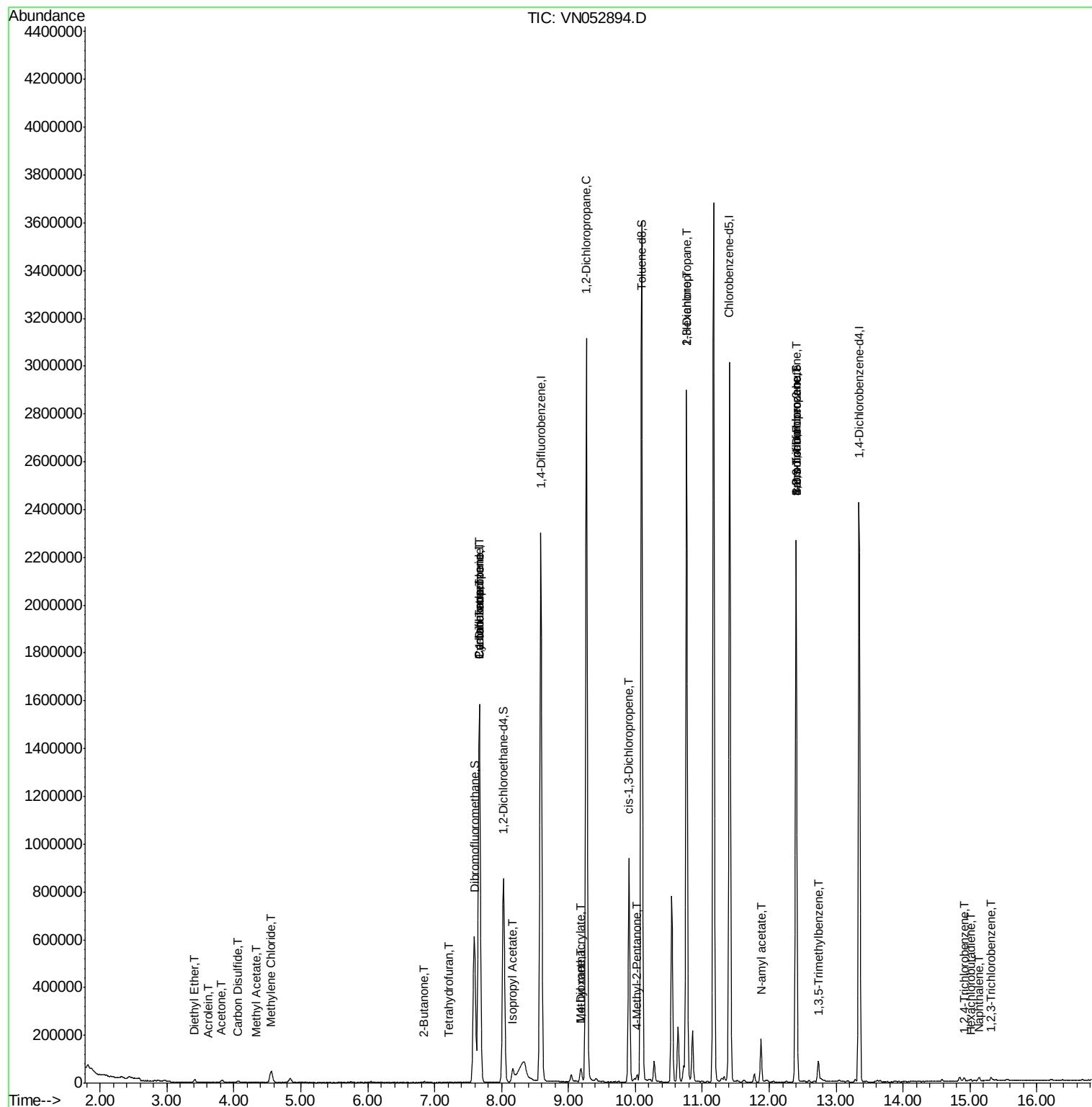
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1381909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2138815	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1824261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	699022	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	714268	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
35) Dibromofluoromethane	7.59	113	475009	39.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.58%	
50) Toluene-d8	10.09	98	2564925	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
62) 4-Bromofluorobenzene	12.40	95	796584	45.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.82%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.42	74	6118	0.792	ug/l	91
13) Acrolein	3.60	56	233	0.301	ug/l	87
16) Acetone	3.82	43	19714	5.974	ug/l	95
17) Carbon Disulfide	4.06	76	8844	0.227	ug/l #	95
18) Methyl Acetate	4.33	43	3258	0.269	ug/l #	81
20) Methylene Chloride	4.55	84	36398	2.451	ug/l	97
25) 2-Butanone	6.82	43	1177	0.230	ug/l #	49
29) Tetrahydrofuran	7.22	42	2094	0.599	ug/l #	68
31) Cyclohexane	7.67	56	23495	0.368	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	91630	4.652	ug/l #	49
38) Carbon Tetrachloride	7.67	117	120612	6.653	ug/l #	16
43) Isopropyl Acetate	8.17	43	80768	3.329	ug/l #	81
45) 1,2-Dichloropropane	9.27	63	4143	0.268	ug/l #	44
48) Methyl methacrylate	9.18	41	20611	1.937	ug/l #	12
49) 1,4-Dioxane	9.19	88	104	0.861	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	26554	2.387	ug/l #	35
54) cis-1,3-Dichloropropene	9.90	75	171585	7.685	ug/l #	60
57) 1,3-Dichloropropane	10.77	76	30948	1.412	ug/l #	42
59) 2-Hexanone	10.76	43	423773	55.590	ug/l #	49
71) Bromoform	12.40	173	4779	0.534	ug/l #	1
74) N-amyl acetate	11.88	43	54832	3.827	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	374742	36.336	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	45641	1.083	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	374742	116.728	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.91	180	4733	0.384	ug/l	97
94) Hexachlorobutadiene	15.01	225	1583	0.222	ug/l	95
95) Naphthalene	15.13	128	13194	0.516	ug/l	96
96) 1,2,3-Trichlorobenzene	15.32	180	5006	0.442	ug/l	96

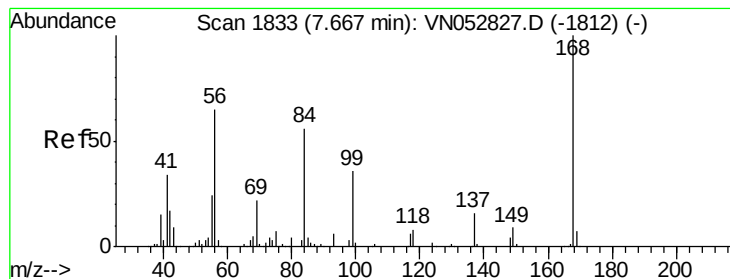
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121418\
Data File : VN052894.D
Acq On : 14 Dec 2018 17:45
Operator : MD\SY
Sample : PB115667TB
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 19 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 15 02:59:47 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 13 01:08:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052894.D

Acq: 14 Dec 2018 17:45

Instrument :

MSVOA_N

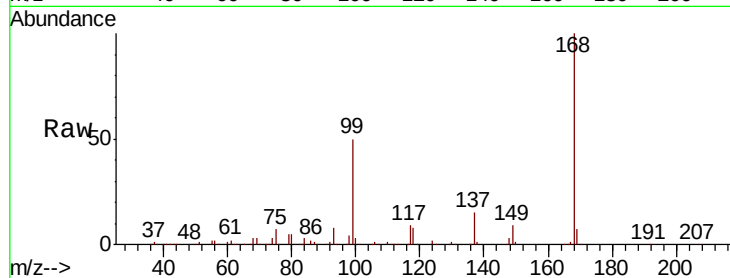
ClientSampled :

Tot Ion:168 Resp: 1381909

Ion Ratio Lower Upper

168 100

99 49.7 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

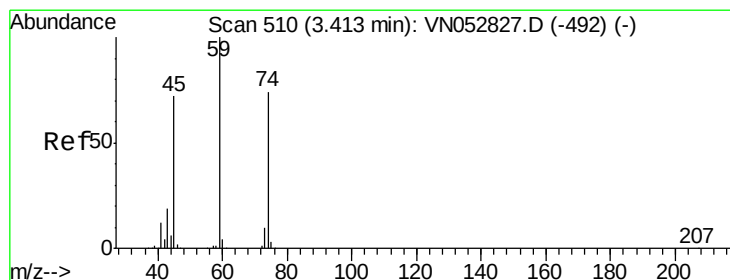
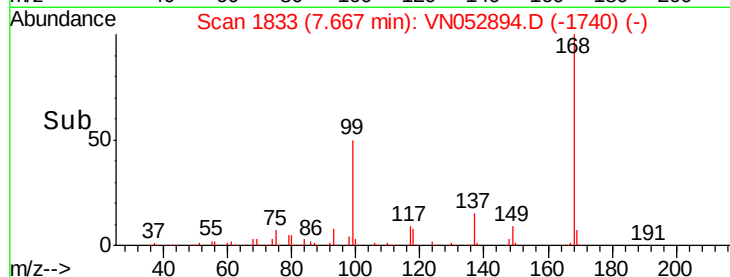
600000

400000

200000

0

Time--> 7.50 7.60 7.70 7.80



#8

Diethyl Ether

Concen: 0.792 ug/l

RT: 3.42 min Scan# 512

Delta R.T. 0.01 min

Lab File: VN052894.D

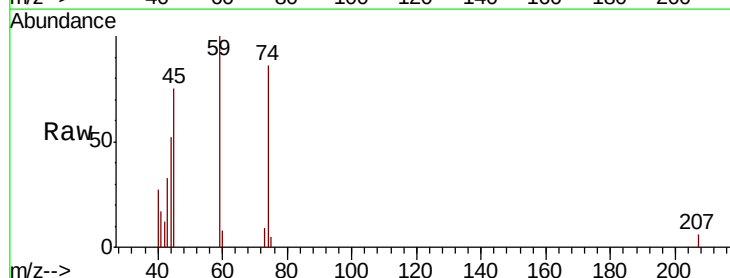
Acq: 14 Dec 2018 17:45

Tgt Ion: 74 Resp: 6118

Ion Ratio Lower Upper

74 100

45 107.4 49.4 148.0



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

3.42

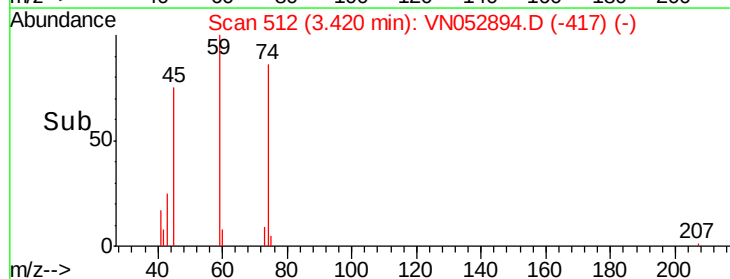
3000

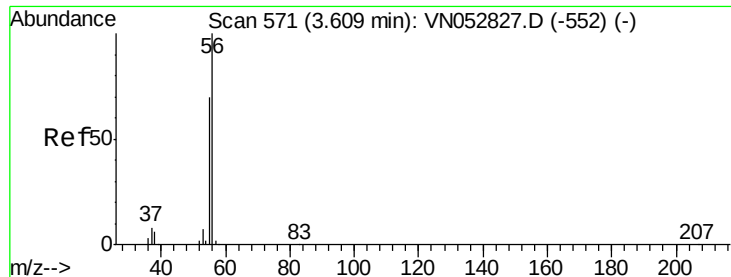
2000

1000

0

Time--> 3.35 3.40 3.45





#13

Acrolein

Concen: 0.301 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.01 min

Lab File: VN052894.D

Acq: 14 Dec 2018 17:45

Instrument :

MSVOA_N

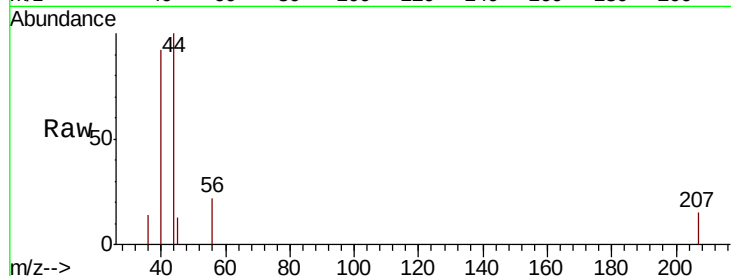
ClientSampled :

Tot Ion: 56 Resp: 233

Ion Ratio Lower Upper

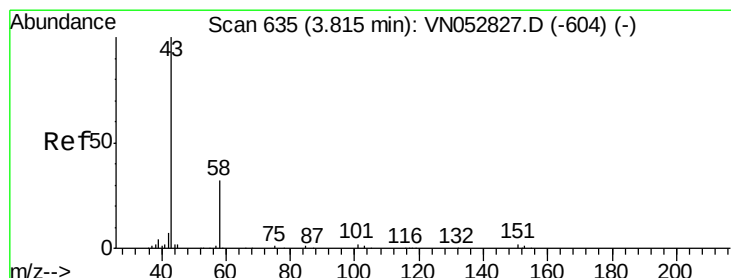
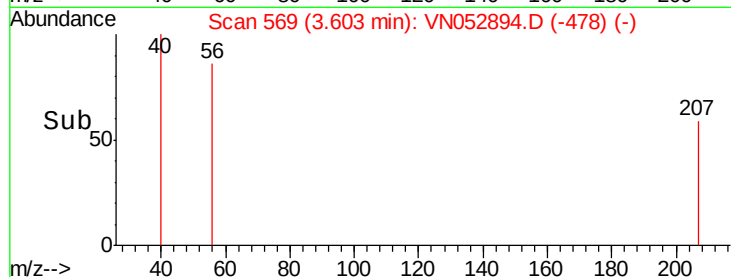
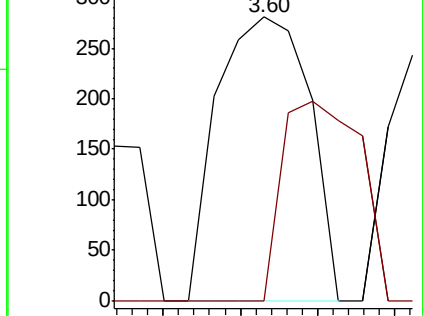
56 100

55 60.1 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 5.974 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052894.D

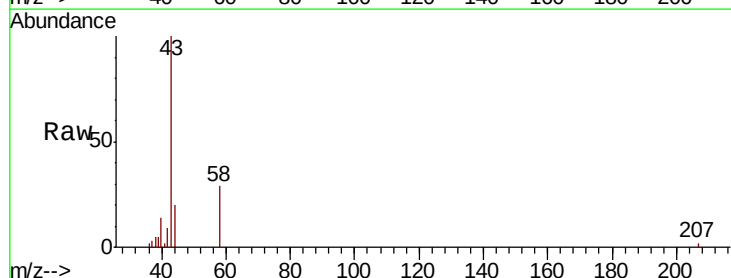
Acq: 14 Dec 2018 17:45

Tgt Ion: 43 Resp: 19714

Ion Ratio Lower Upper

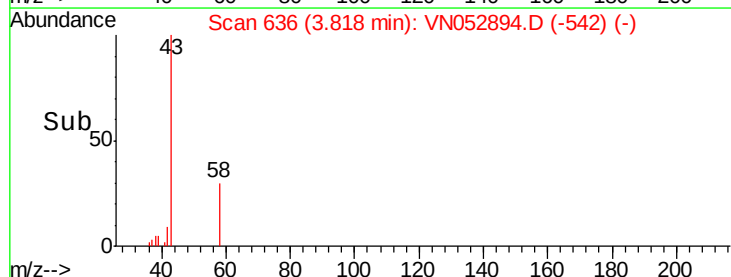
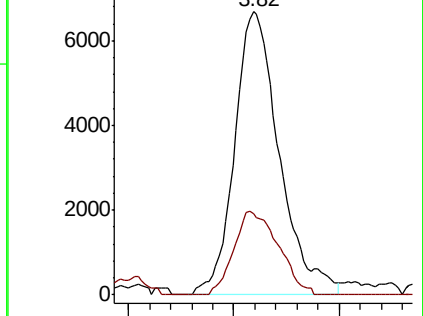
43 100

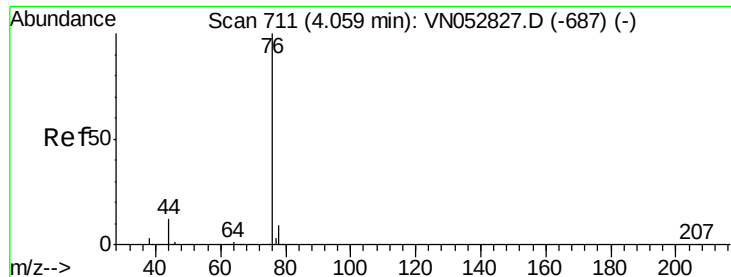
58 28.9 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 0.227 ug/l

RT: 4.06 min Scan# 712

Delta R.T. 0.00 min

Lab File: VN052894.D

Acq: 14 Dec 2018 17:45

Instrument :

MSVOA_N

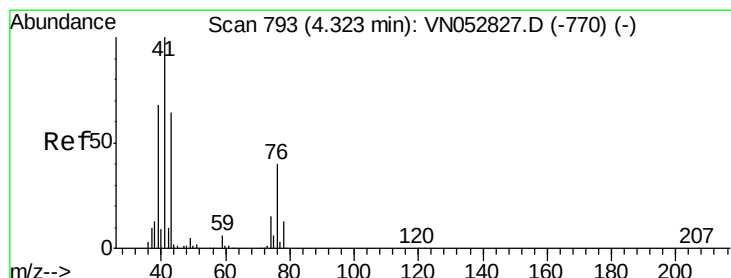
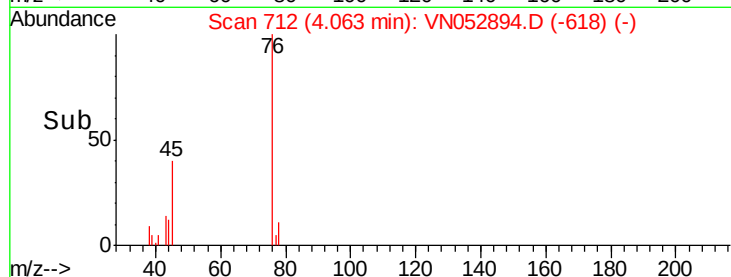
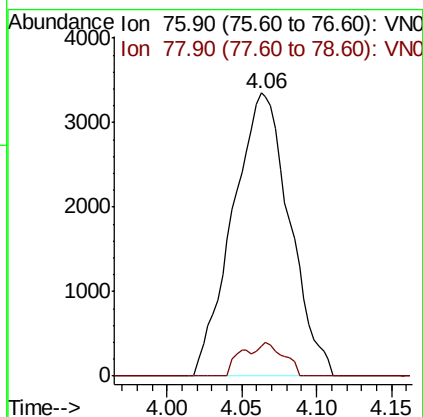
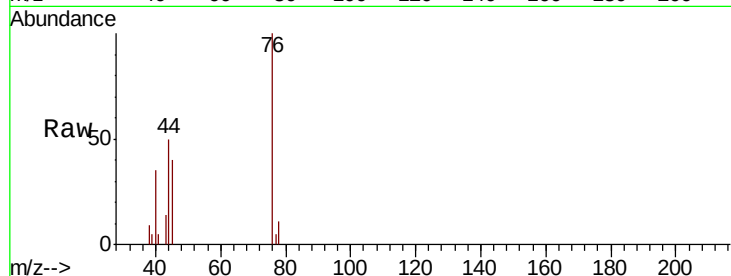
ClientSampled :

Tot Ion: 76 Resp: 8844

Ion Ratio Lower Upper

76 100

78 10.8 7.1 10.7#



#18

Methyl Acetate

Concen: 0.269 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN052894.D

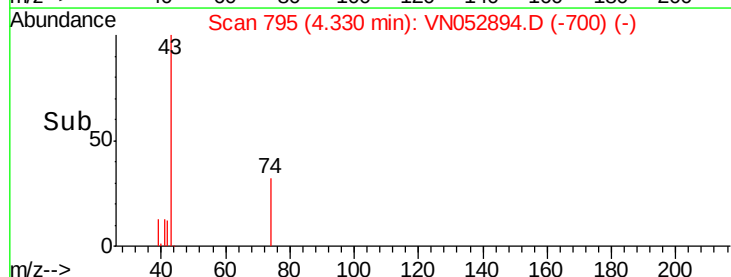
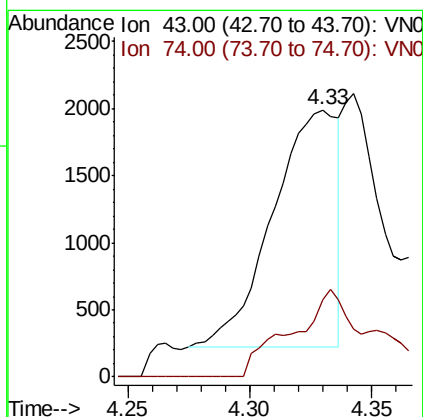
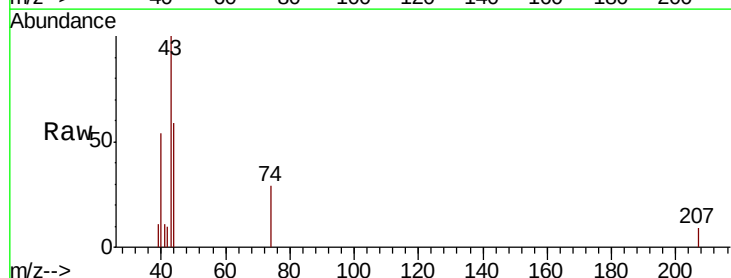
Acq: 14 Dec 2018 17:45

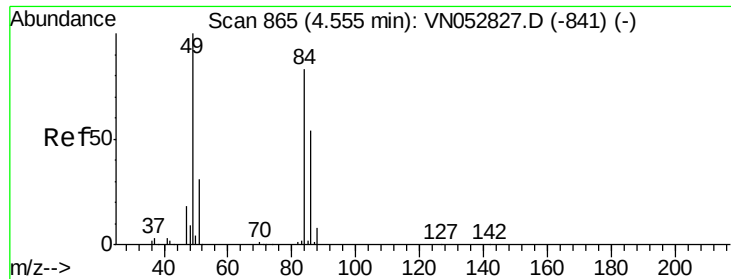
Tgt Ion: 43 Resp: 3258

Ion Ratio Lower Upper

43 100

74 33.5 19.2 28.8#

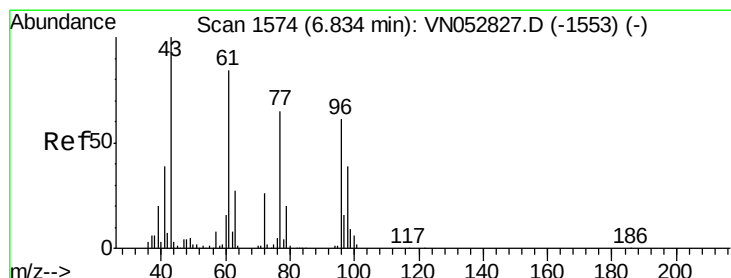
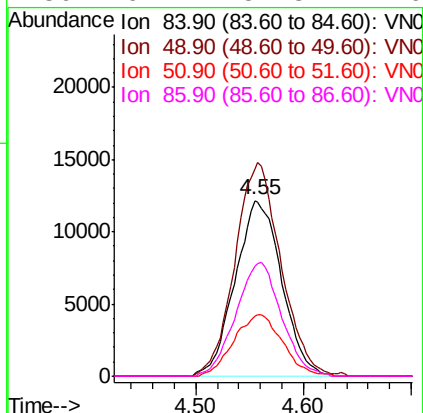
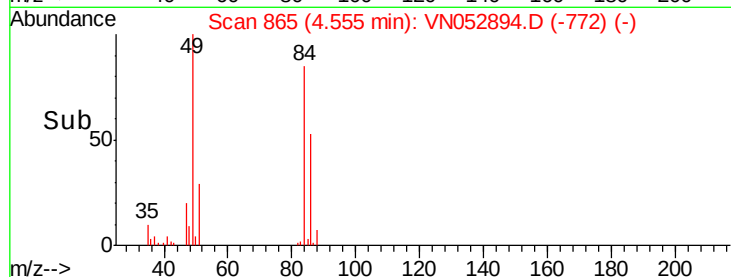
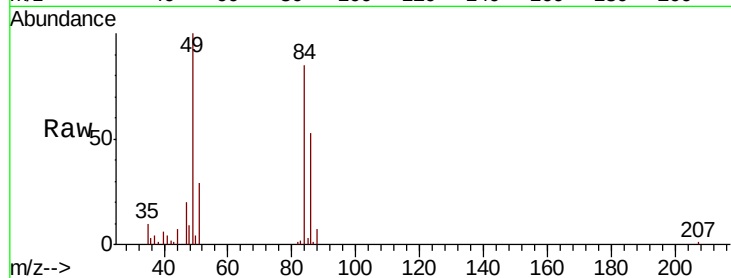




#20
Methylene Chloride
Concen: 2.451 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052894.D
Acq: 14 Dec 2018 17:45

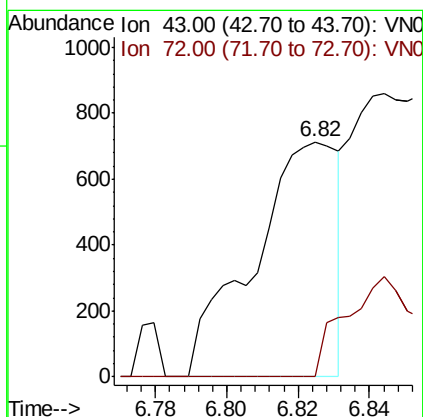
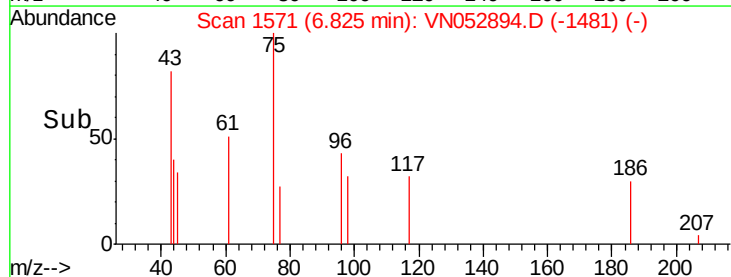
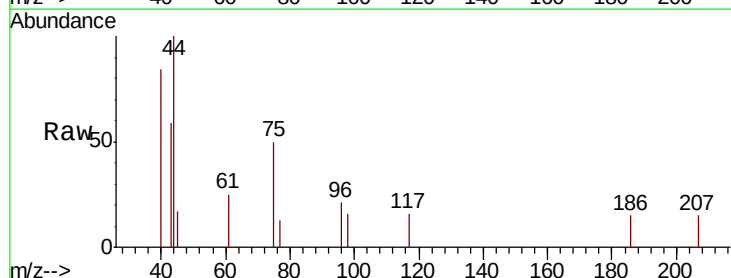
Instrument :
MSVOA_N
ClientSampled :

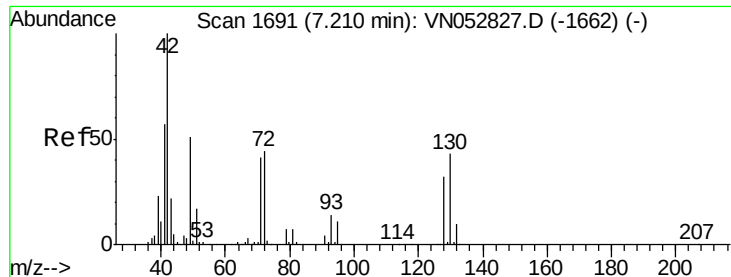
Tot Ion: 84 Resp: 36398
Ion Ratio Lower Upper
84 100
49 118.0 96.8 145.2
51 34.5 29.9 44.9
86 62.4 51.8 77.6



#25
2-Butanone
Concen: 0.230 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.01 min
Lab File: VN052894.D
Acq: 14 Dec 2018 17:45

Tgt Ion: 43 Resp: 1177
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.6#





#29

Tetrahydrofuran

Concen: 0.599 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VN052894.D

Acq: 14 Dec 2018 17:45

Instrument :

MSVOA_N

ClientSampled :

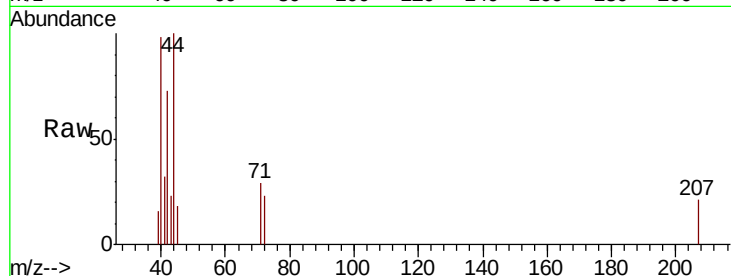
Tot Ion: 42 Resp: 2094

Ion Ratio Lower Upper

42 100

72 10.3 34.7 52.1#

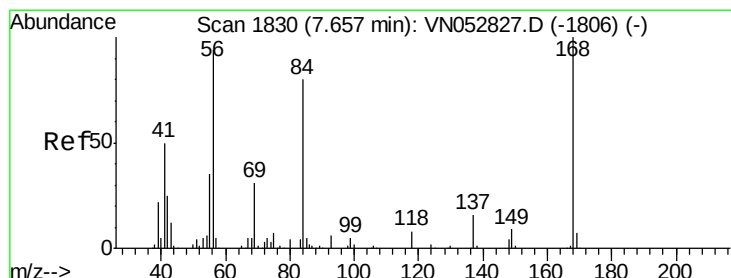
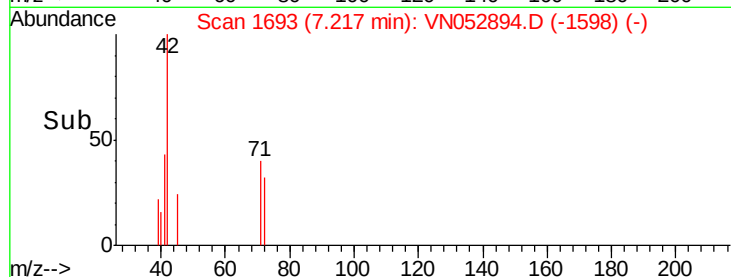
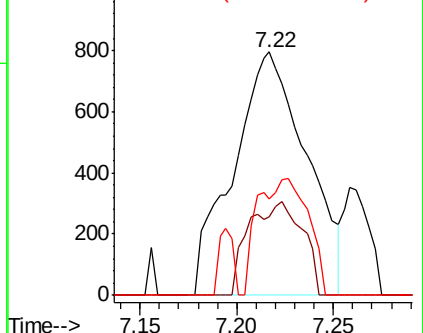
71 33.3 32.3 48.5



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 0.368 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN052894.D

Acq: 14 Dec 2018 17:45

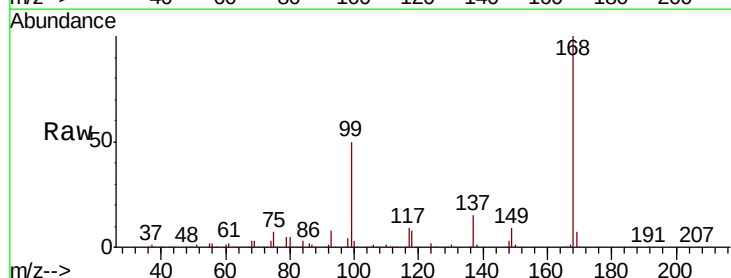
Tgt Ion: 56 Resp: 23495

Ion Ratio Lower Upper

56 100

69 183.9 26.6 39.8#

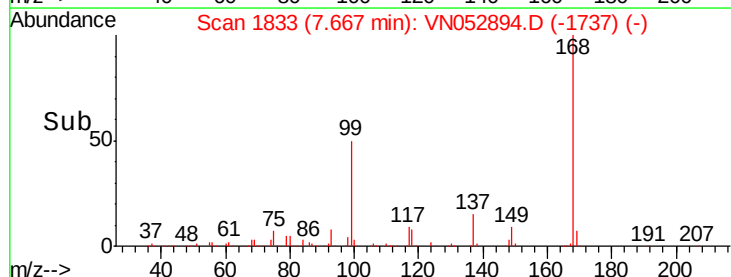
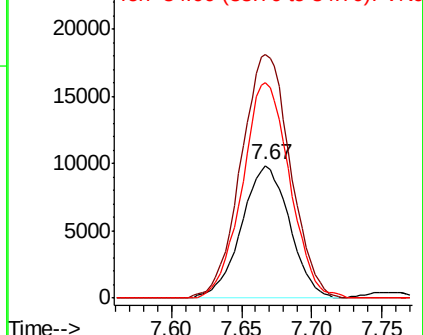
84 162.5 68.4 102.6#

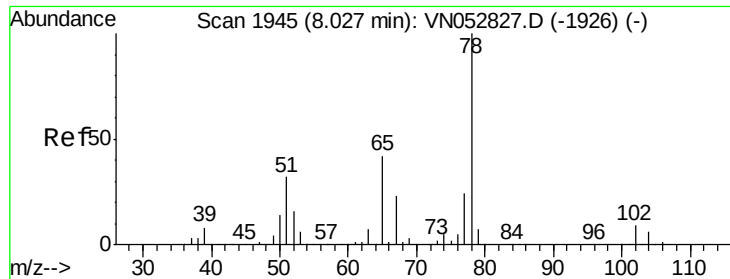


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

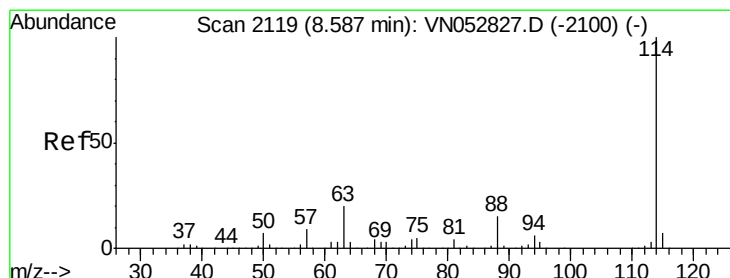
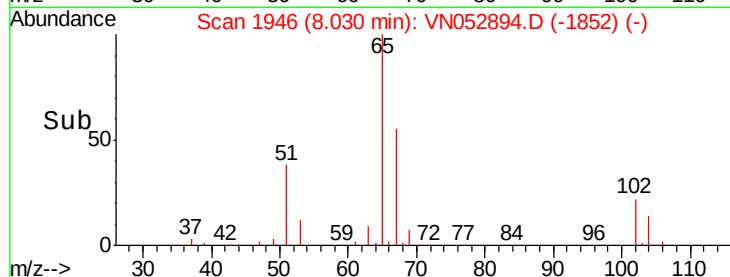
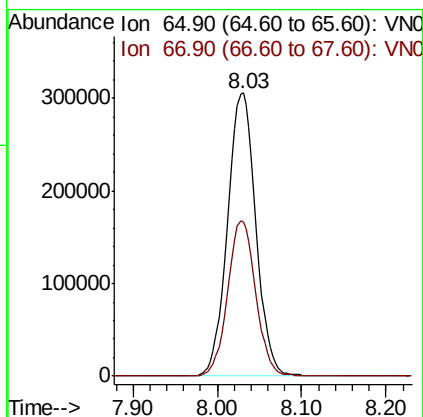
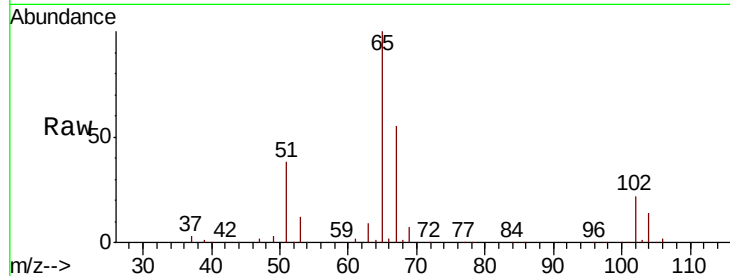




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN052894.D
 Acq: 14 Dec 2018 17:45

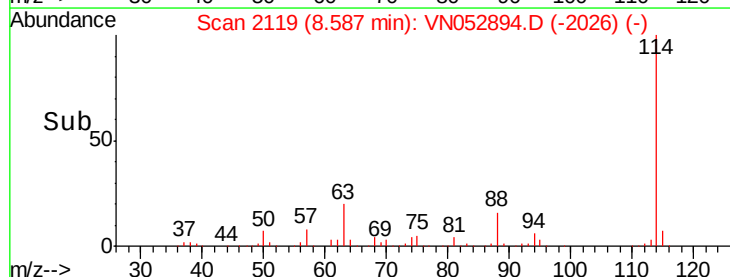
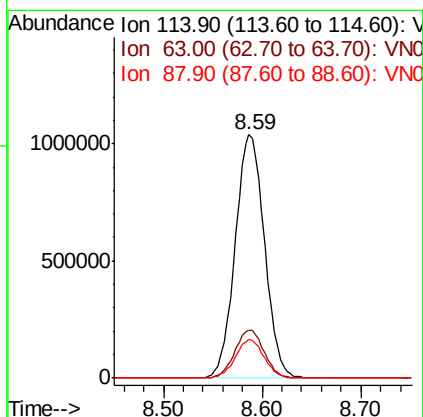
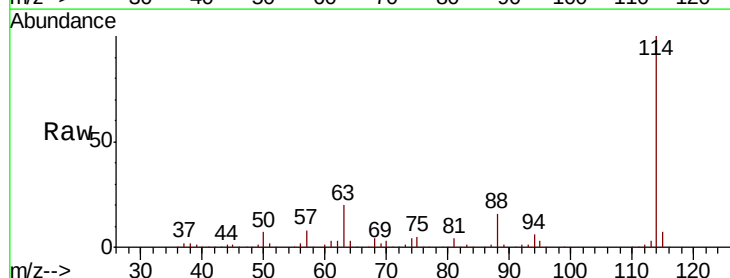
Instrument :
 MSVOA_N
 ClientSampled :

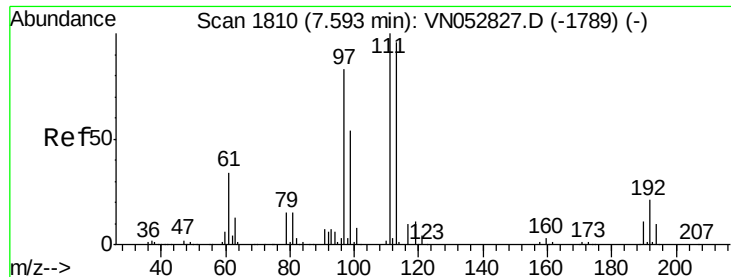
Tot Ion: 65 Resp: 714268
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052894.D
 Acq: 14 Dec 2018 17:45

Tgt Ion: 114 Resp: 2138815
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.7 0.0 31.0

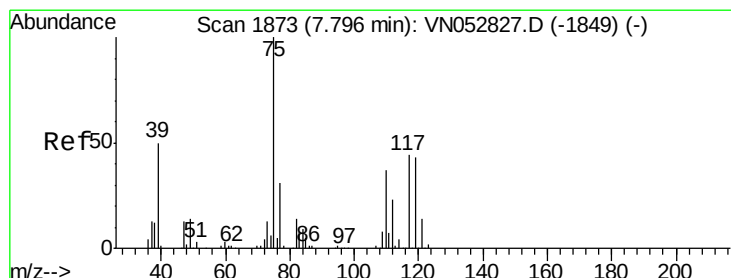
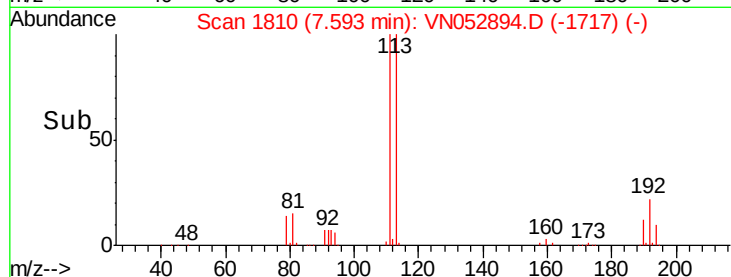
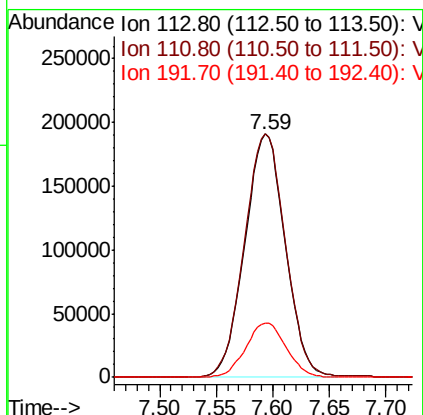
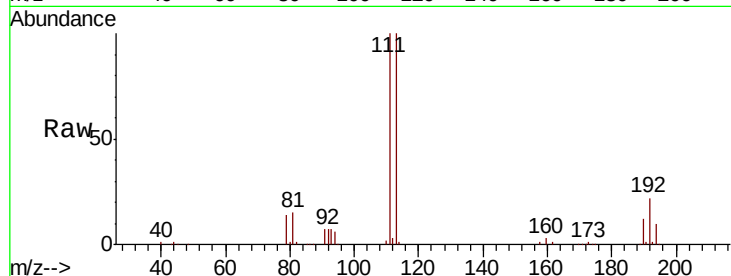




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052894.D
 Acq: 14 Dec 2018 17:45

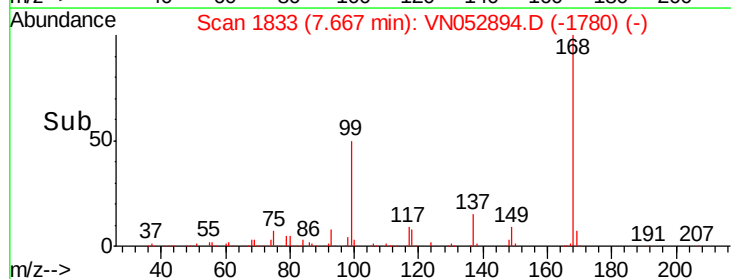
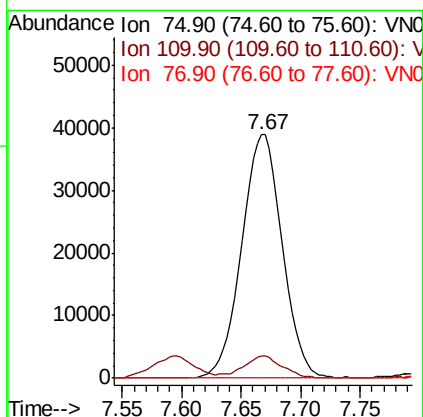
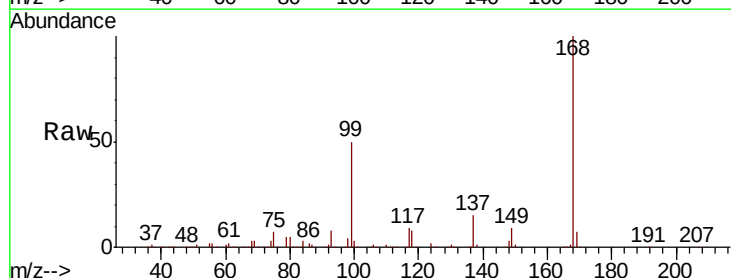
Instrument :
 MSVOA_N
 ClientSampled :

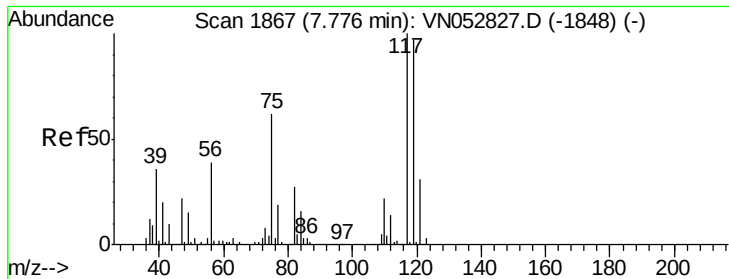
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.0	124.4
192	22.4	17.5	26.3



#36
 1,1-Dichloropropene
 Concen: 4.652 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN052894.D
 Acq: 14 Dec 2018 17:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.2	54.6#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 6.653 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. -0.11 min

Lab File: VN052894.D

Acq: 14 Dec 2018 17:45

Instrument :

MSVOA_N

ClientSampleId :

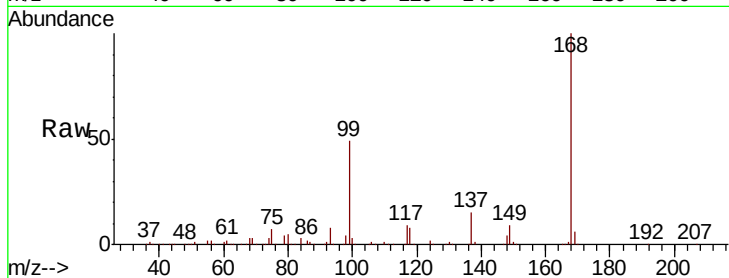
Tot Ion:117 Resp: 120612

Ion Ratio Lower Upper

117 100

119 4.9 77.1 115.7#

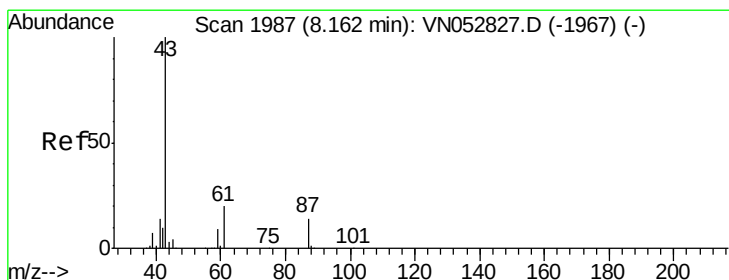
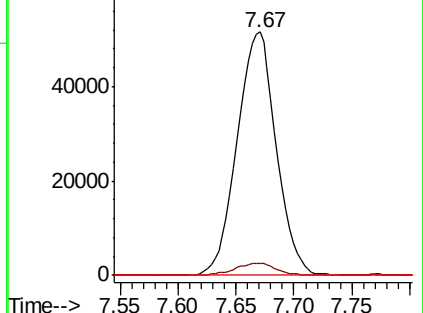
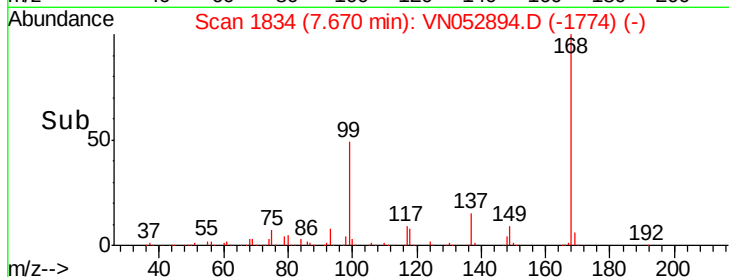
121 0.0 24.9 37.3#



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: 3.329 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052894.D

Acq: 14 Dec 2018 17:45

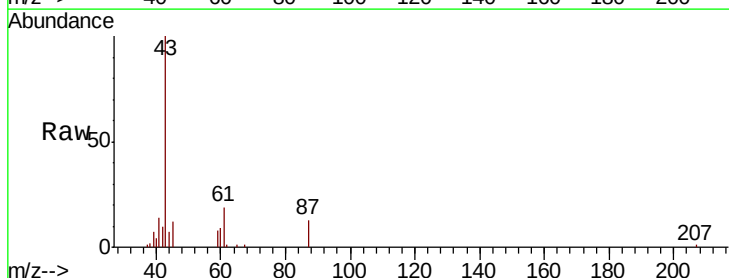
Tgt Ion: 43 Resp: 80768

Ion Ratio Lower Upper

43 100

61 15.8 22.9 34.3#

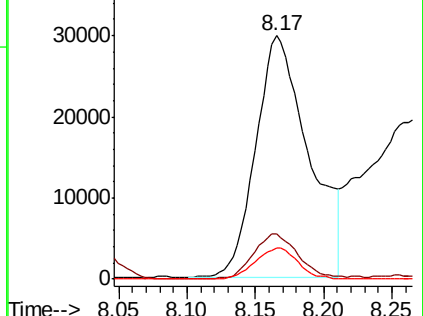
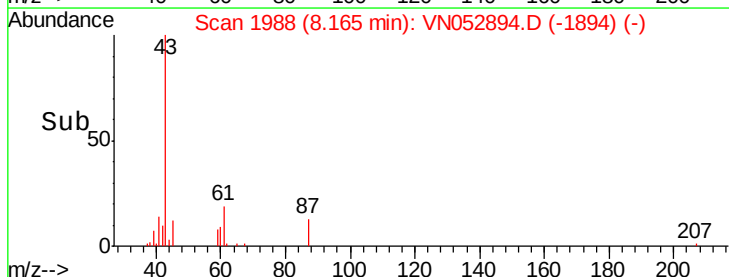
87 10.2 10.6 15.8#

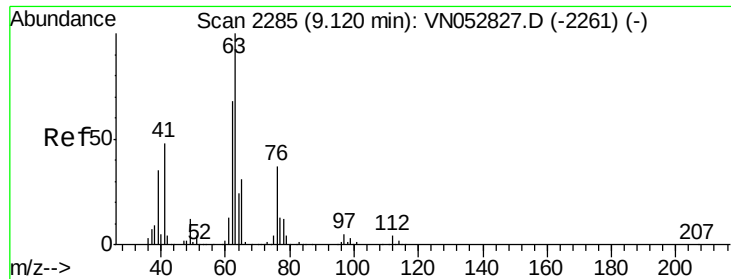


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.268 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN052894.D

Acq: 14 Dec 2018 17:45

Instrument :

MSVOA_N

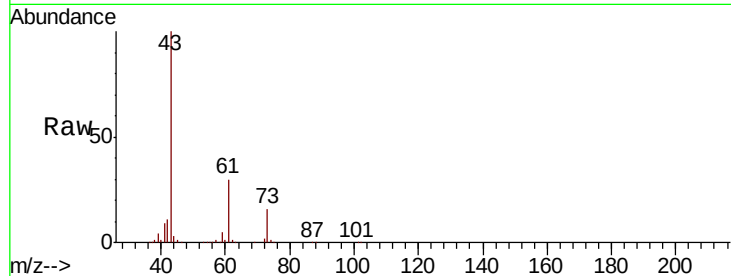
ClientSampled :

Tot Ion: 63 Resp: 4143

Ion Ratio Lower Upper

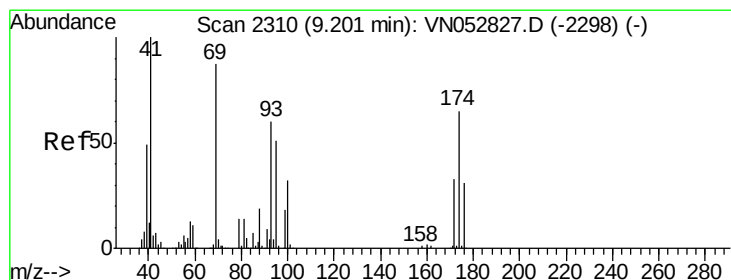
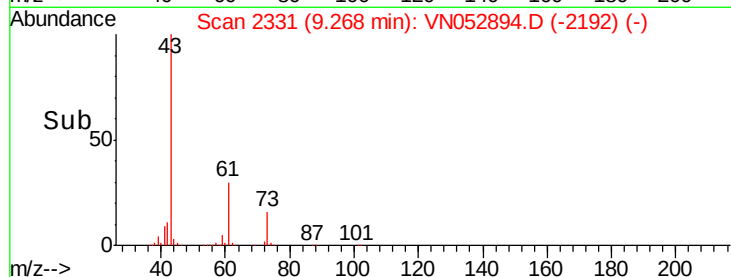
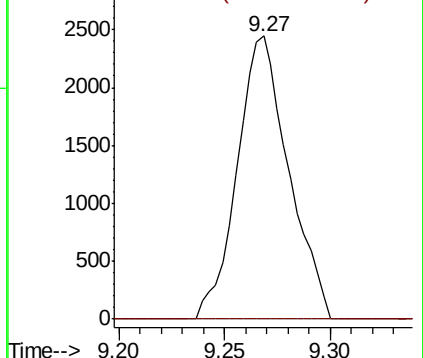
63 100

65 0.0 24.6 37.0#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#48

Methyl methacrylate

Concen: 1.937 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN052894.D

Acq: 14 Dec 2018 17:45

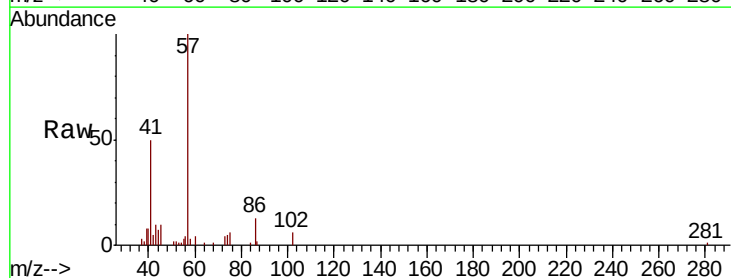
Tgt Ion: 41 Resp: 20611

Ion Ratio Lower Upper

41 100

69 0.0 72.2 108.2#

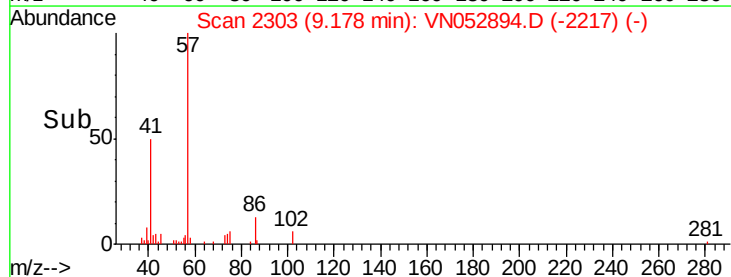
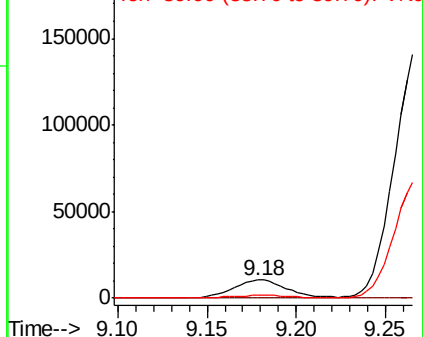
39 0.0 41.9 62.9#

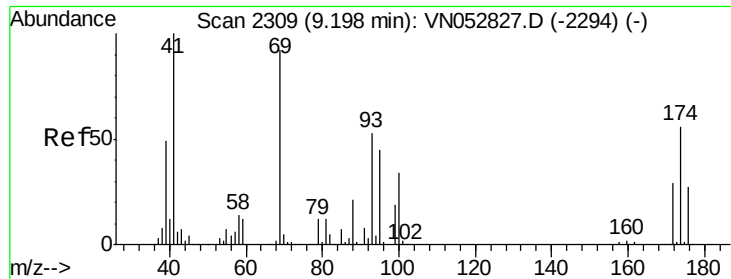


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

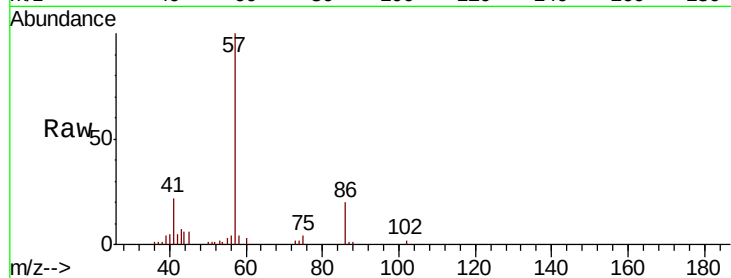




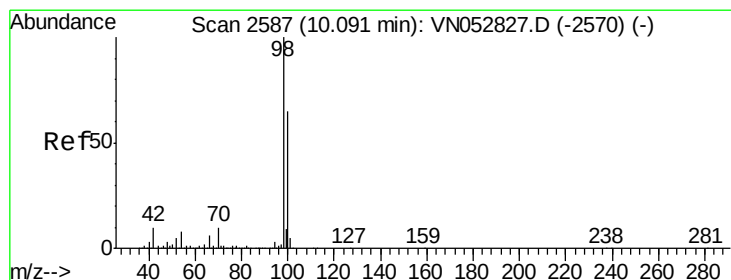
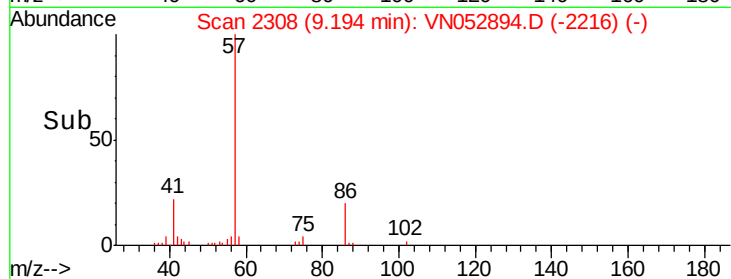
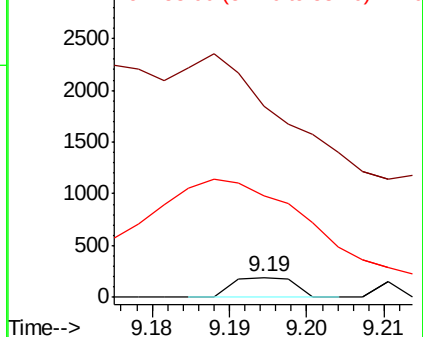
#49
1,4-Dioxane
Concen: 0.861 ug/l
RT: 9.19 min Scan# 2308
Delta R.T. -0.00 min
Lab File: VN052894.D
Acq: 14 Dec 2018 17:45

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 104
Ion Ratio Lower Upper
88 100
43 0.0 26.6 40.0#
58 2164.4 58.4 87.6#

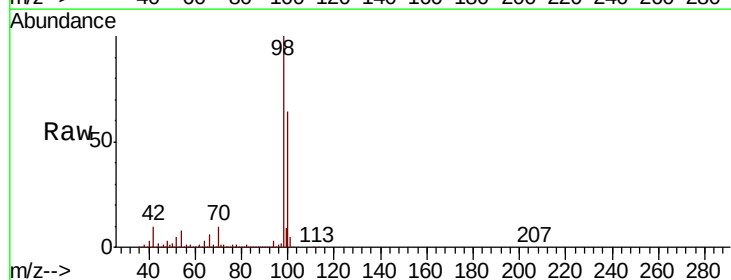


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

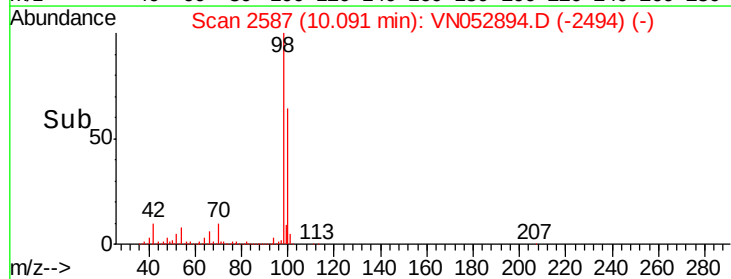
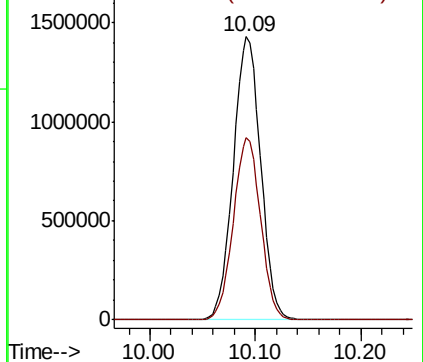


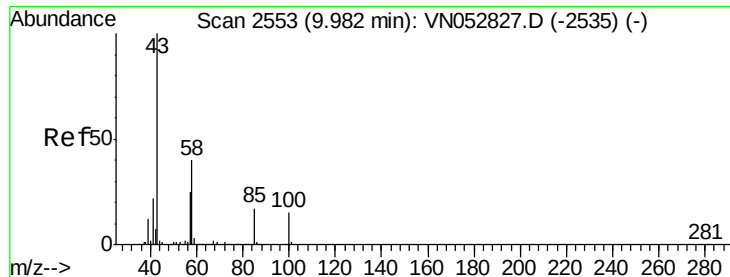
#50
Toluene-d8
Concen: 0.861 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052894.D
Acq: 14 Dec 2018 17:45

Tgt Ion: 98 Resp: 2564925
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



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: 2.387 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN052894.D

Acq: 14 Dec 2018 17:45

Instrument :

MSVOA_N

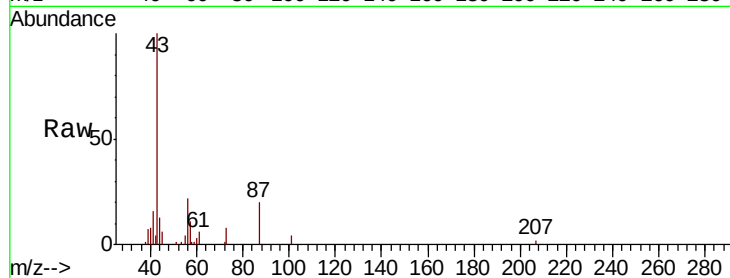
ClientSampleId :

Tot Ion: 43 Resp: 26554

Ion Ratio Lower Upper

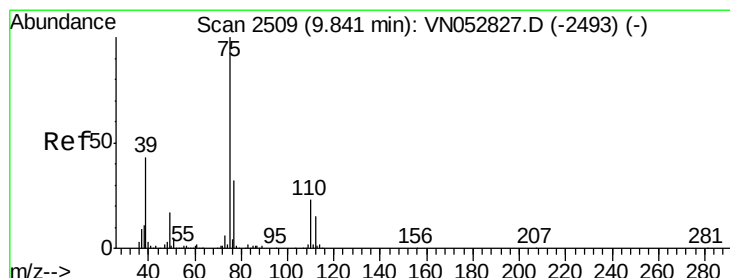
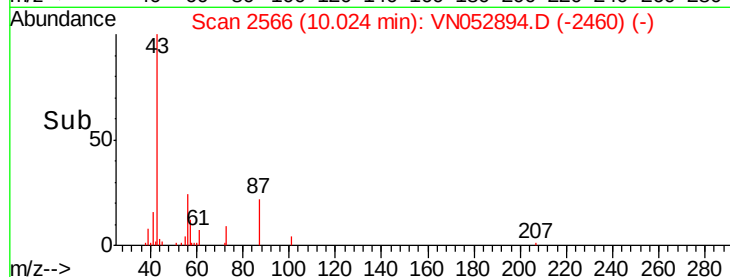
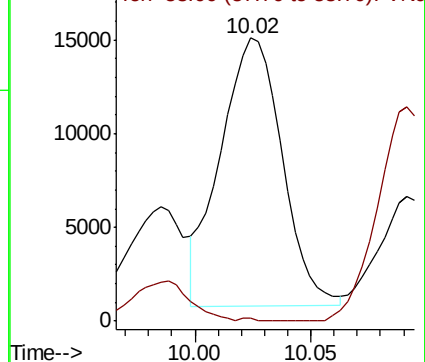
43 100

58 0.0 32.2 48.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 7.685 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN052894.D

Acq: 14 Dec 2018 17:45

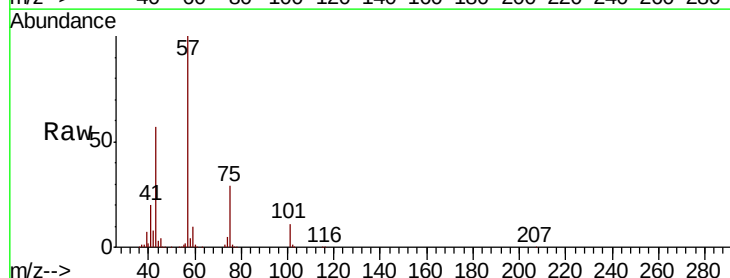
Tgt Ion: 75 Resp: 171585

Ion Ratio Lower Upper

75 100

77 0.6 25.8 38.8#

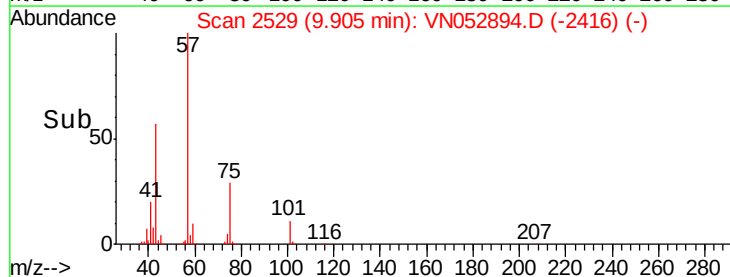
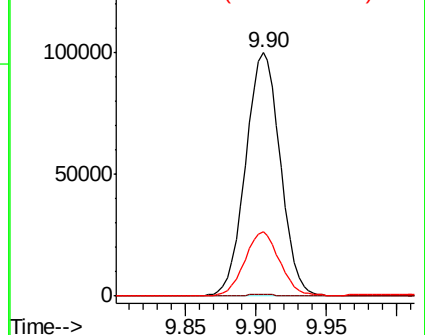
39 26.0 34.8 52.2#

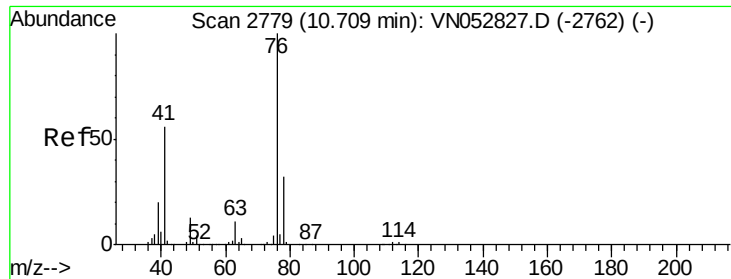


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 1.412 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN052894.D

Acq: 14 Dec 2018 17:45

Instrument :

MSVOA_N

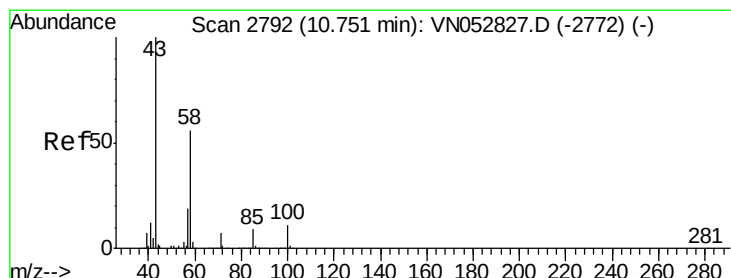
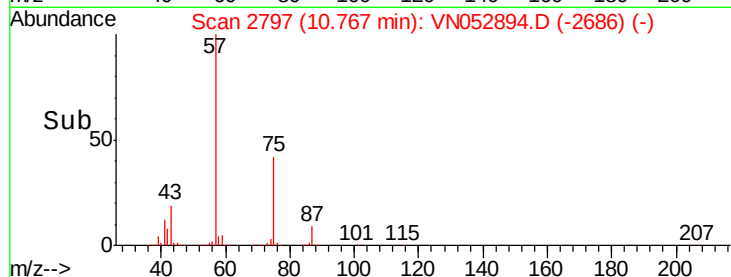
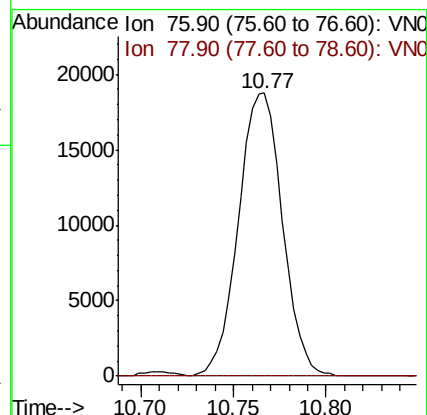
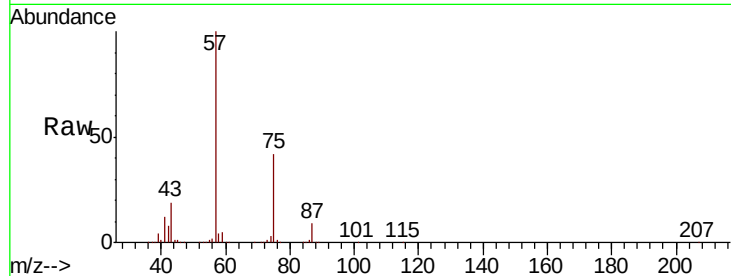
ClientSampleId :

Tot Ion: 76 Resp: 30948

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.8#



#59

2-Hexanone

Concen: 55.590 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN052894.D

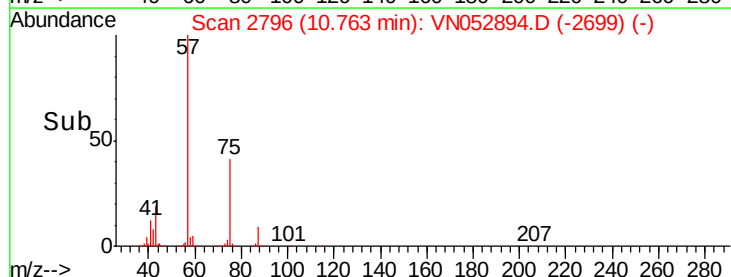
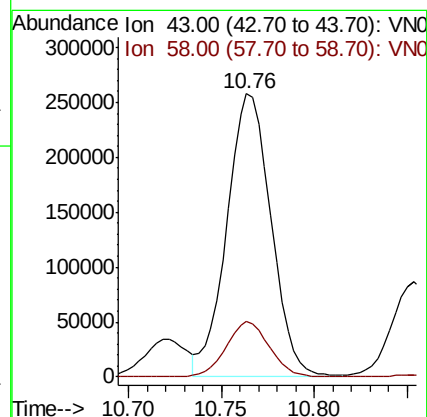
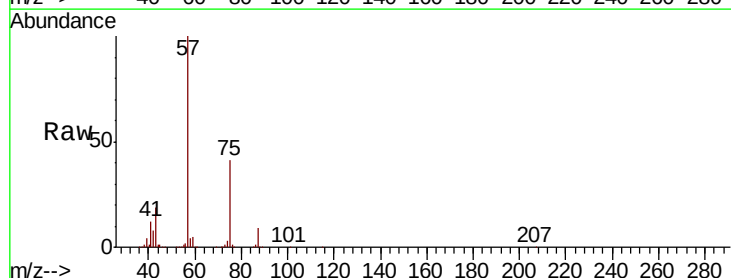
Acq: 14 Dec 2018 17:45

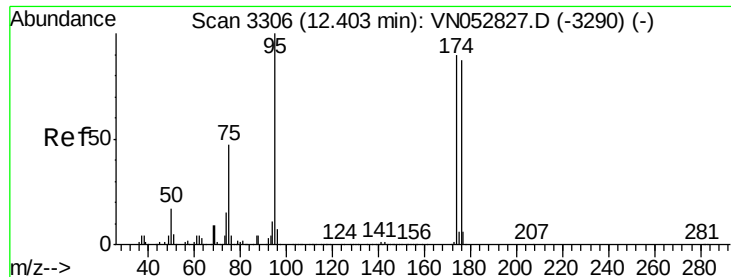
Tgt Ion: 43 Resp: 423773

Ion Ratio Lower Upper

43 100

58 19.3 28.1 84.3#





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052894.D

Acq: 14 Dec 2018 17:45

Instrument :

MSVOA_N

ClientSampleId :

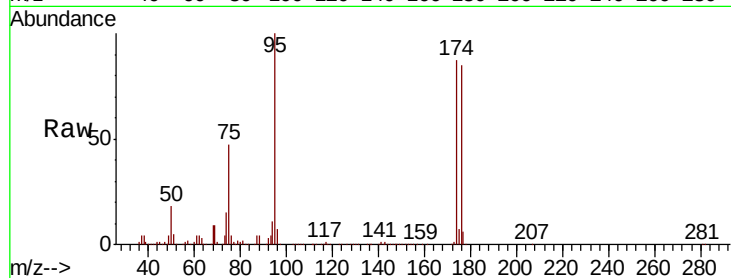
Tot Ion: 95 Resp: 796584

Ion Ratio Lower Upper

95 100

174 88.5 0.0 178.8

176 86.7 0.0 173.8



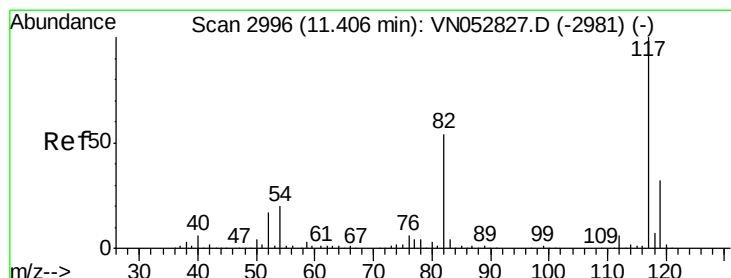
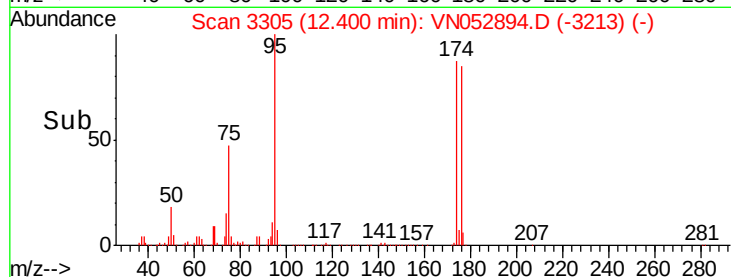
Abundance Ion 94.90 (94.60 to 95.60): VN052827.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN052827.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN052827.D (-3290) (-)

12.40

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN052894.D

Acq: 14 Dec 2018 17:45

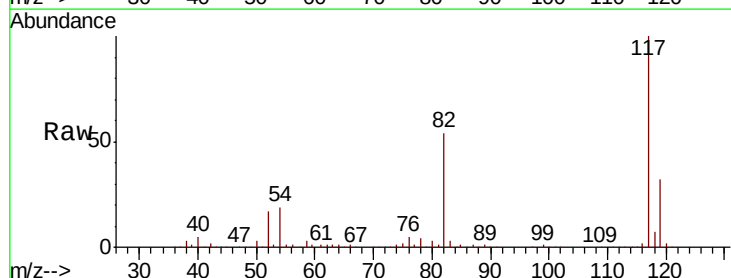
Tgt Ion: 117 Resp: 1824261

Ion Ratio Lower Upper

117 100

82 53.7 42.8 64.2

119 32.4 25.5 38.3



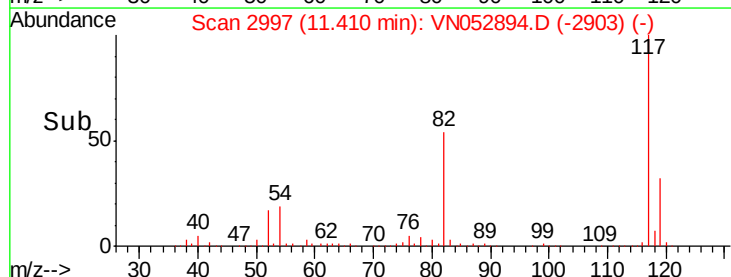
Abundance Ion 116.90 (116.60 to 117.60): VN052827.D (-2981) (-)

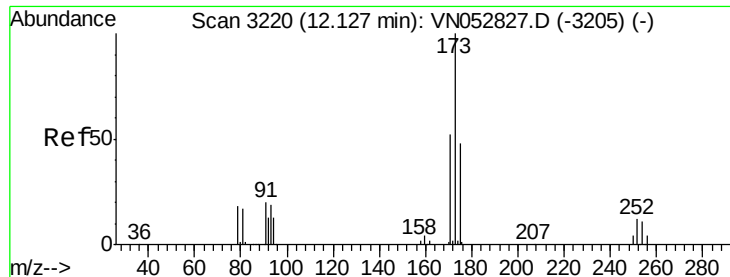
Ion 82.00 (81.70 to 82.70): VN052827.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN052827.D (-2981) (-)

11.41

Time--> 11.30 11.40 11.50





#71

Bromoform

Concen: 0.534 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN052894.D

Acq: 14 Dec 2018 17:45

Instrument :

MSVOA_N

ClientSampleId :

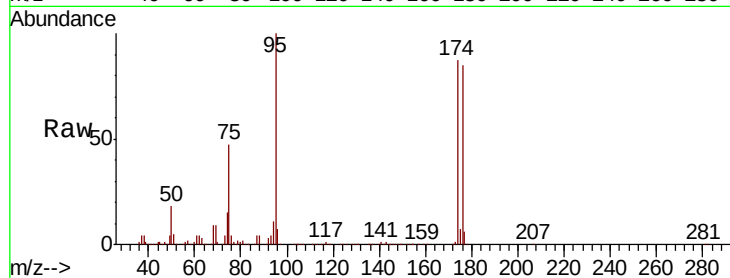
Tot Ion:173 Resp: 4779

Ion Ratio Lower Upper

173 100

175 925.2 24.3 72.9#

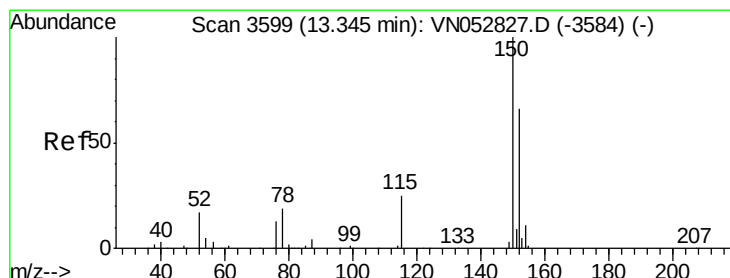
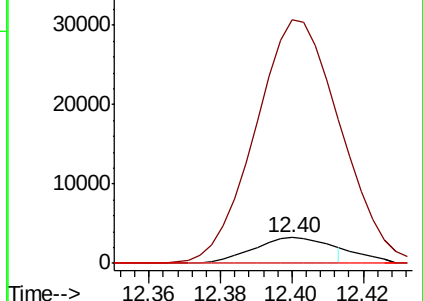
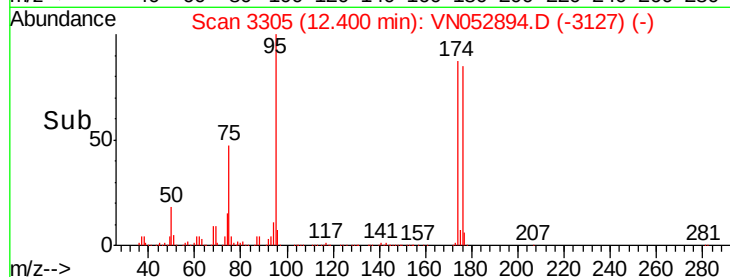
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052894.D

Acq: 14 Dec 2018 17:45

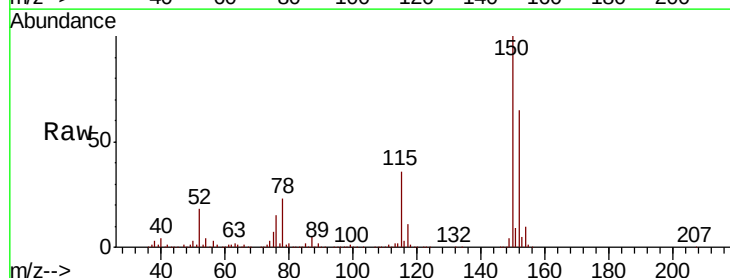
Tgt Ion:152 Resp: 699022

Ion Ratio Lower Upper

152 100

115 56.1 28.3 85.0

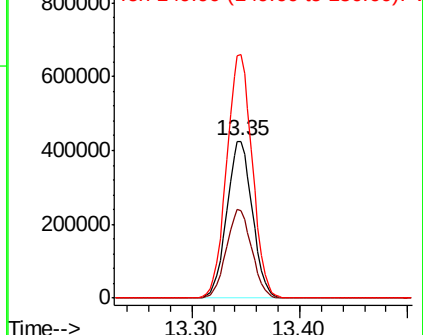
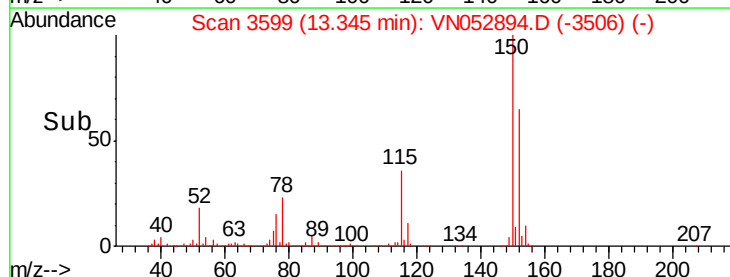
150 155.9 0.0 347.8

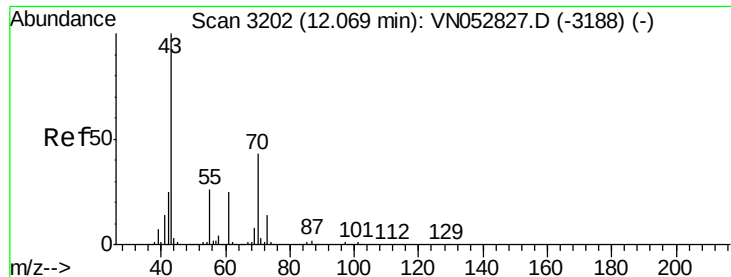


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 3.827 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN052894.D

Acq: 14 Dec 2018 17:45

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 43 Resp: 54832

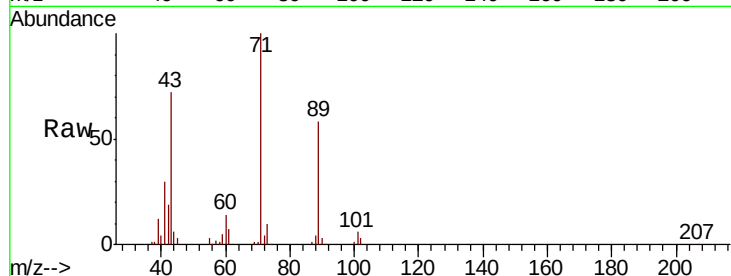
Ion Ratio Lower Upper

43 100

70 1.7 34.2 51.4#

55 5.3 20.3 30.5#

61 10.2 20.0 30.0#

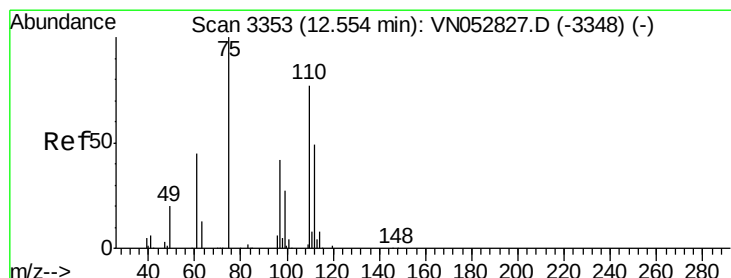
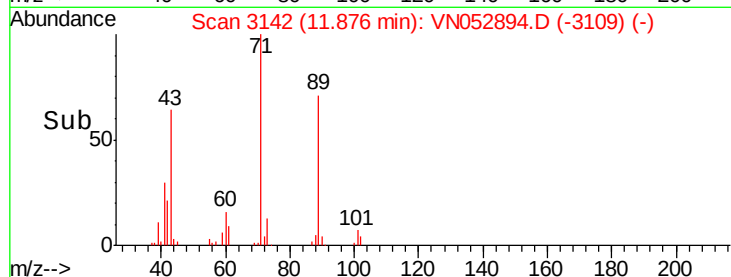
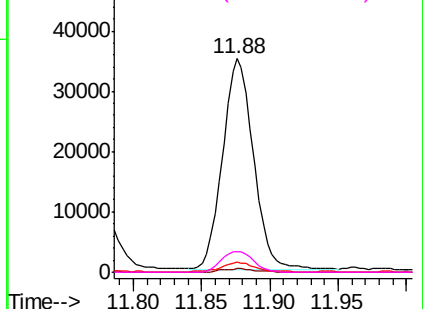


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 36.336 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN052894.D

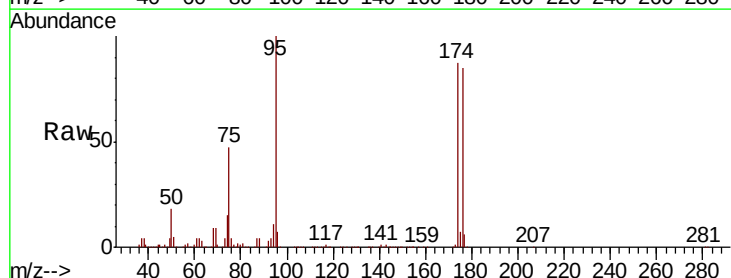
Acq: 14 Dec 2018 17:45

Tgt Ion: 75 Resp: 374742

Ion Ratio Lower Upper

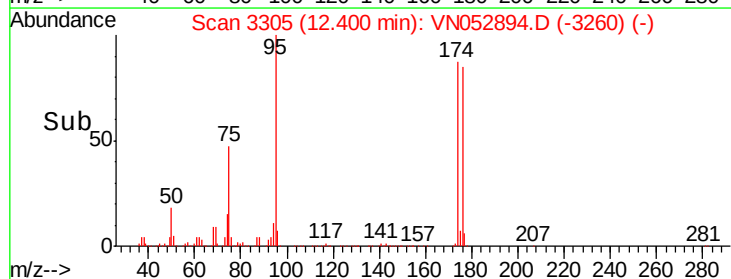
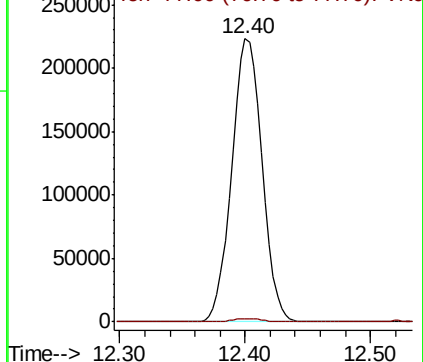
75 100

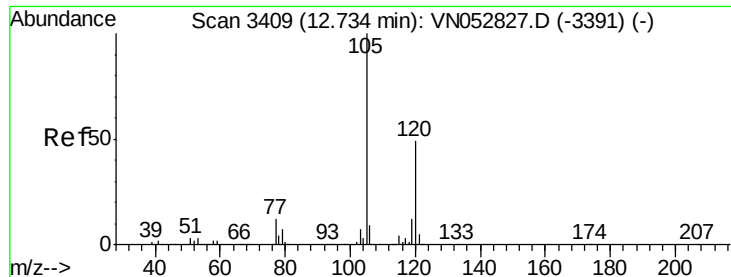
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

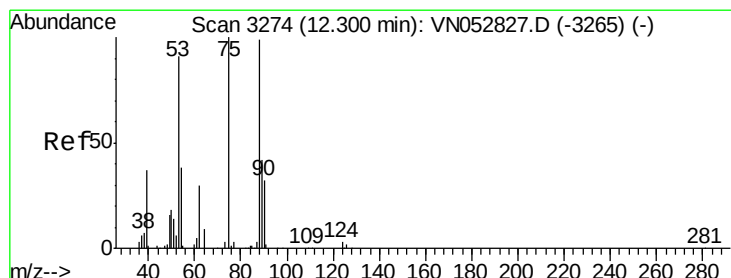
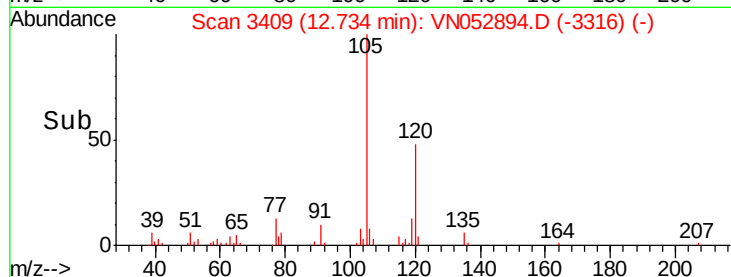
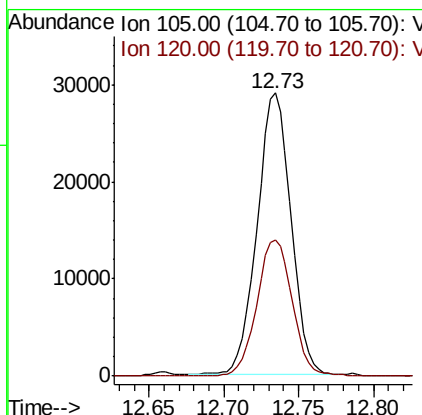
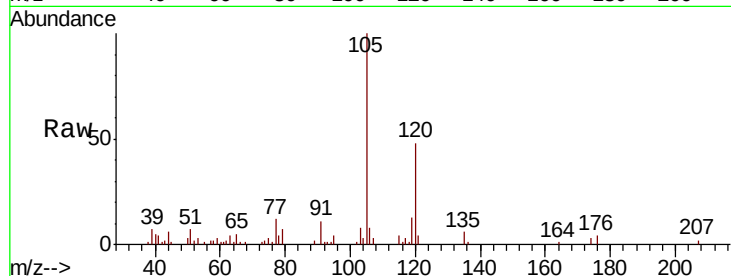




#80
 1,3,5-Trimethylbenzene
 Concen: 1.083 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN052894.D
 Acq: 14 Dec 2018 17:45

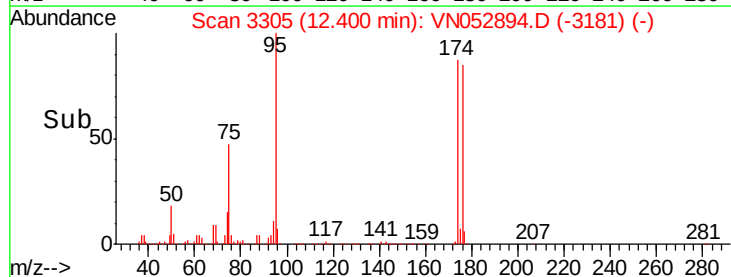
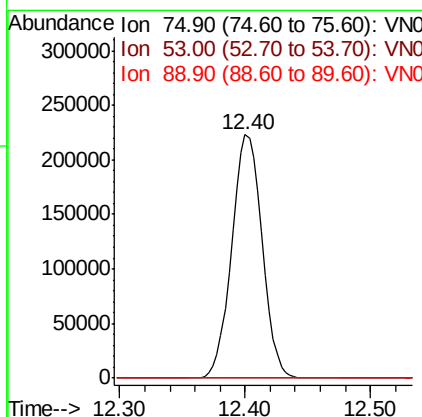
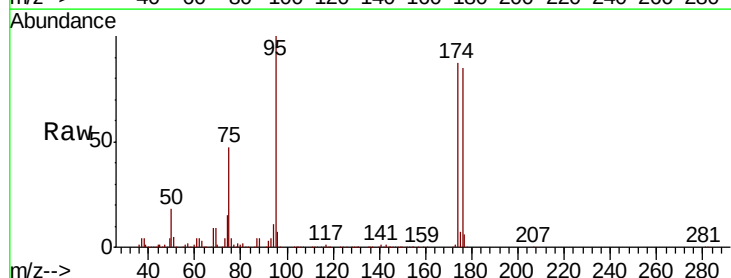
Instrument :
 MSVOA_N
 ClientSampleId :

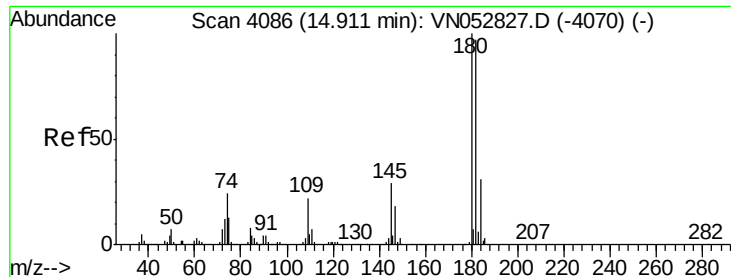
Tot Ion:105 Resp: 45641
 Ion Ratio Lower Upper
 105 100
 120 50.6 24.4 73.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 116.728 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN052894.D
 Acq: 14 Dec 2018 17:45

Tgt Ion: 75 Resp: 374742
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.7 112.1#
 89 0.0 36.1 54.1#

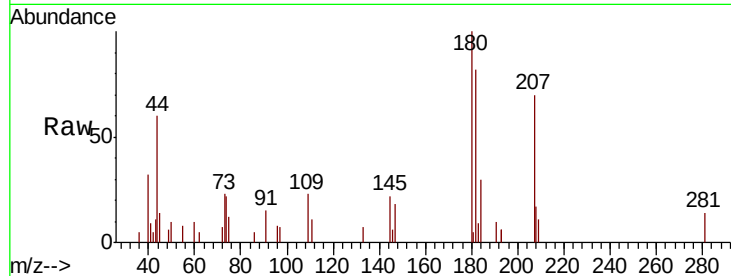




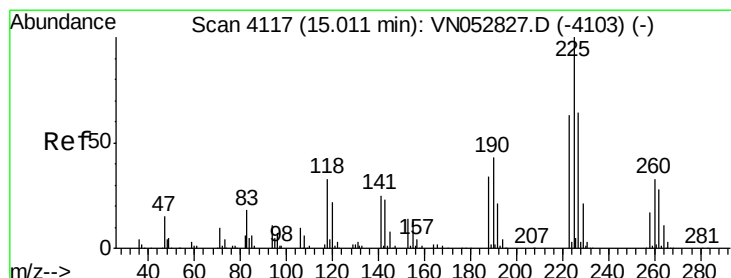
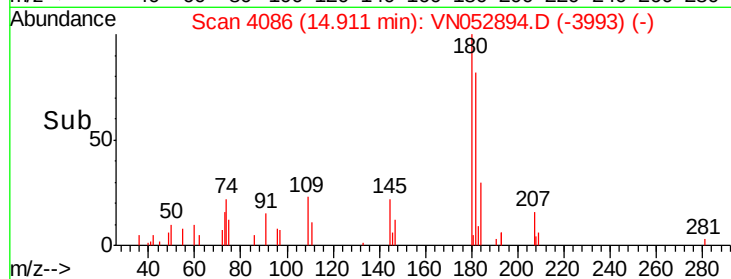
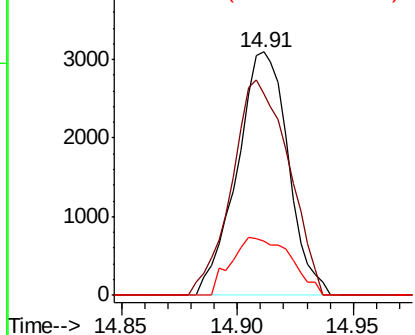
#93
 1,2,4-Trichlorobenzene
 Concen: 0.384 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN052894.D
 Acq: 14 Dec 2018 17:45

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 4733
 Ion Ratio Lower Upper
 180 100
 182 98.5 47.8 143.3
 145 27.8 14.2 42.6

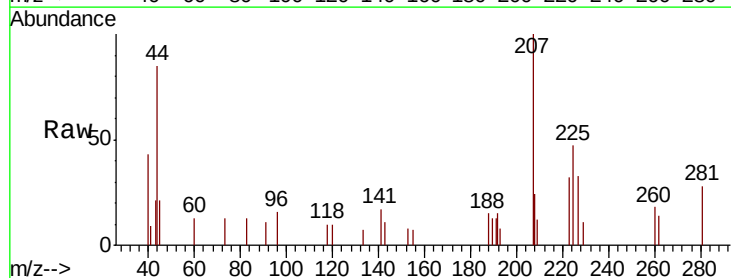


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

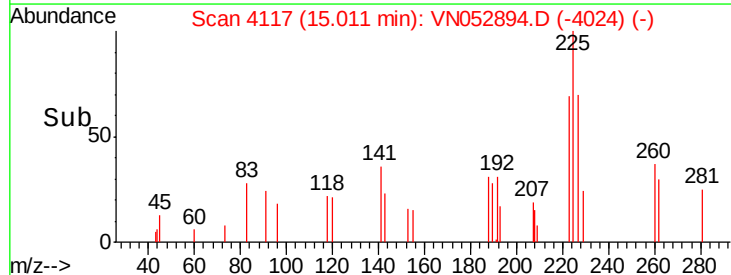
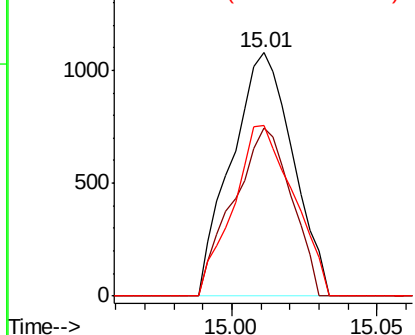


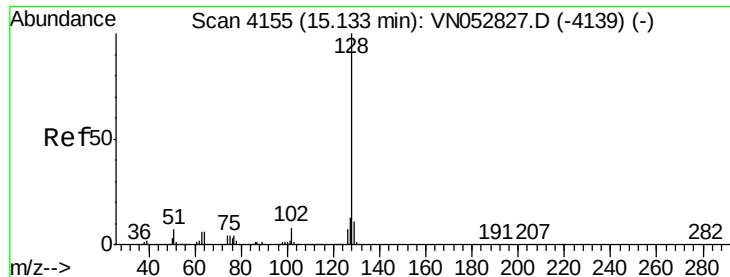
#94
 Hexachlorobutadiene
 Concen: 0.222 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN052894.D
 Acq: 14 Dec 2018 17:45

Tgt Ion:225 Resp: 1583
 Ion Ratio Lower Upper
 225 100
 223 65.4 31.5 94.5
 227 69.2 31.9 95.7



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: 0.516 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN052894.D

Acq: 14 Dec 2018 17:45

Instrument :

MSVOA_N

ClientSampleId :

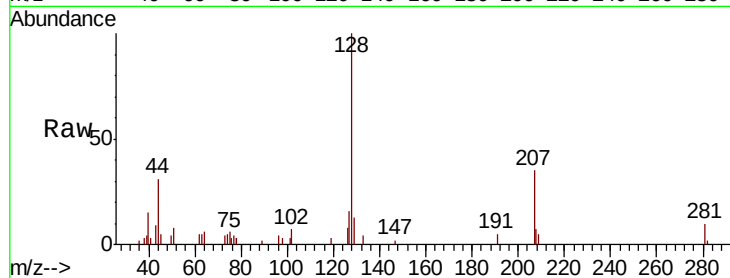
Tot Ion:128 Resp: 13194

Ion Ratio Lower Upper

128 100

127 14.7 10.2 15.4

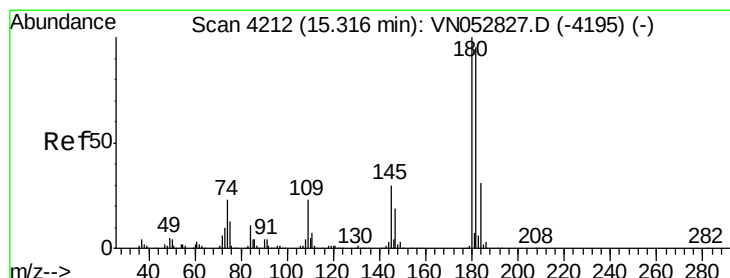
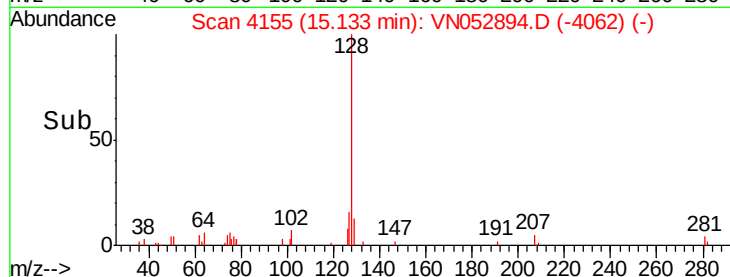
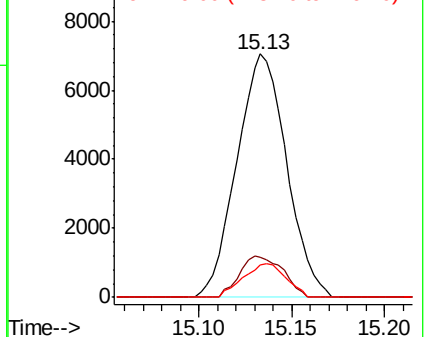
129 11.8 8.6 13.0



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: 0.442 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN052894.D

Acq: 14 Dec 2018 17:45

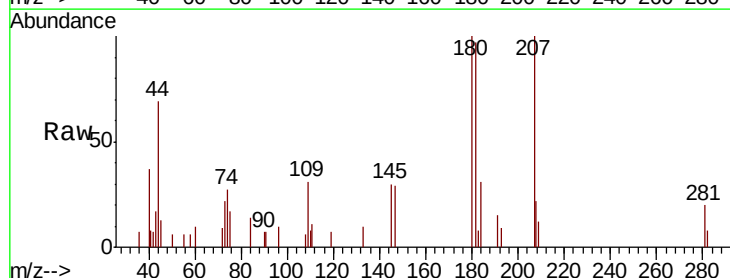
Tgt Ion:180 Resp: 5006

Ion Ratio Lower Upper

180 100

182 100.2 47.9 143.7

145 29.3 15.0 45.0



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

