

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
 Data File : VN050419.D
 Acq On : 7 Aug 2018 6:45
 Operator : MD\SY
 Sample : J4348-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 72-11930

Quant Time: Aug 07 07:17:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	669723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1101463	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	970190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	398498	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	466445	52.13	ug/l	0.00
Spiked Amount			Recovery	=	104.26%	
35) Dibromofluoromethane	7.59	113	422465	47.80	ug/l	0.00
Spiked Amount			Recovery	=	95.60%	
50) Toluene-d8	10.09	98	1516142	45.63	ug/l	0.00
Spiked Amount			Recovery	=	91.26%	
62) 4-Bromofluorobenzene	12.40	95	446609	39.43	ug/l	0.00
Spiked Amount			Recovery	=	78.86%	

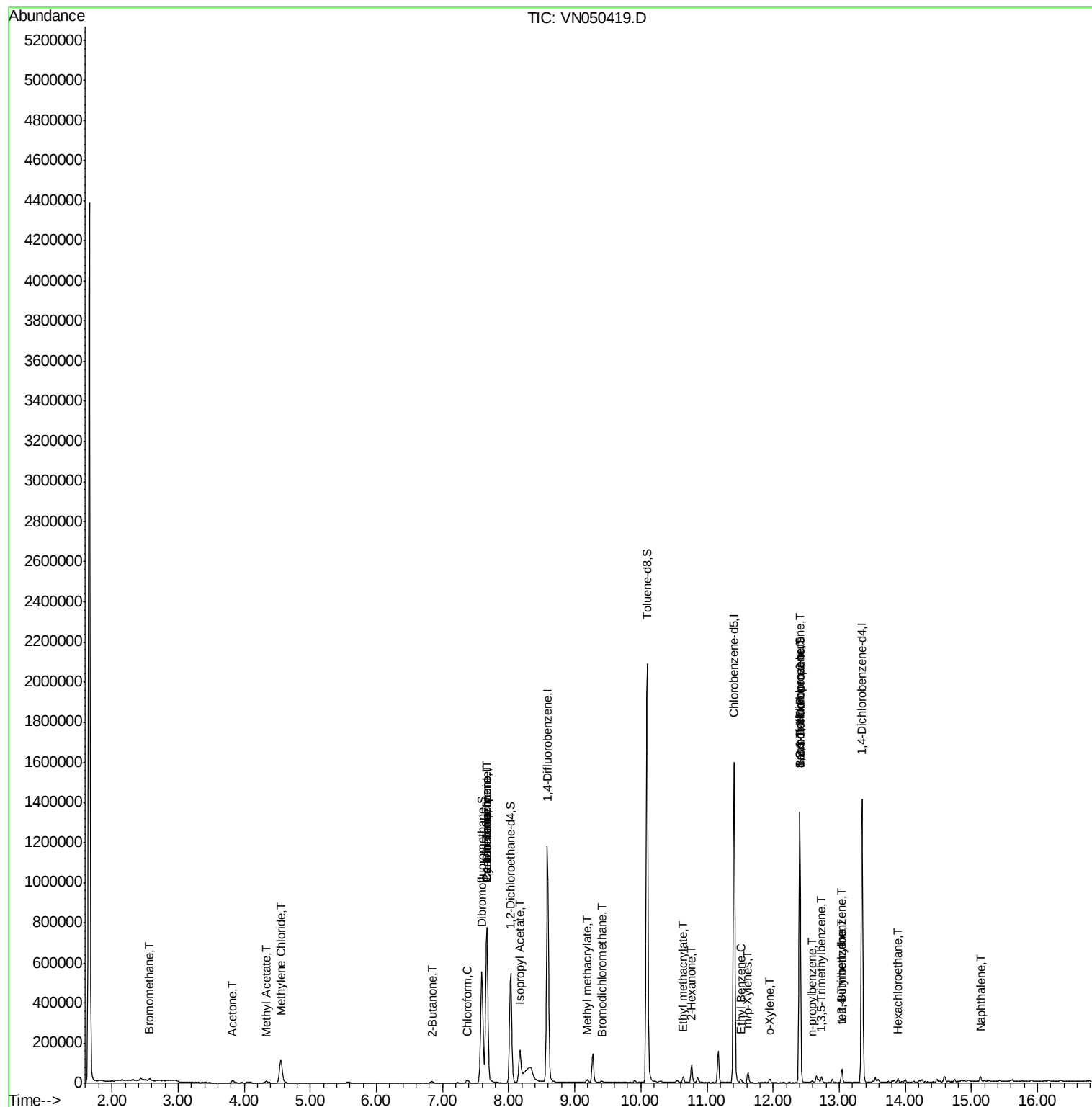
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	3799	Below Cal		90
5) Bromomethane	2.57	94	4469	1.12	ug/l	89
16) Acetone	3.82	43	17352	6.15	ug/l	94
18) Methyl Acetate	4.33	43	14465	1.90	ug/l	98
20) Methylene Chloride	4.55	84	90577	9.85	ug/l	95
25) 2-Butanone	6.85	43	3468	0.78	ug/l #	85
30) Chloroform	7.37	83	14830	1.02	ug/l	99
31) Cyclohexane	7.67	56	12386	0.34	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	46938	3.88	ug/l #	48
38) Carbon Tetrachloride	7.67	117	61497	4.87	ug/l #	16
43) Isopropyl Acetate	8.17	43	207750	13.81	ug/l	95
47) Bromodichloromethane	9.40	83	4267	0.34	ug/l #	93
48) Methyl methacrylate	9.18	41	7930	1.05	ug/l #	22
56) Ethyl methacrylate	10.64	69	580	1.76	ug/l #	1
59) 2-Hexanone	10.77	43	12871	1.70	ug/l #	57
67) Ethyl Benzene	11.51	91	13438	0.34	ug/l	97
68) m/p-Xylenes	11.62	106	15009	1.00	ug/l	99
69) o-Xylene	11.95	106	4551	0.32	ug/l	91
71) Bromoform	12.40	173	4015	0.62	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	219289	30.40	ug/l #	100
78) n-propylbenzene	12.59	91	7740	0.23	ug/l	93
80) 1,3,5-Trimethylbenzene	12.73	105	13852	0.57	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	219289	106.82	ug/l #	13
83) tert-Butylbenzene	13.04	119	5763	0.27	ug/l #	67
84) 1,2,4-Trimethylbenzene	13.04	105	37811	1.54	ug/l	100
90) Hexachloroethane	13.89	117	1213	0.28	ug/l #	4
95) Naphthalene	15.13	128	23065	4.73	ug/l	99

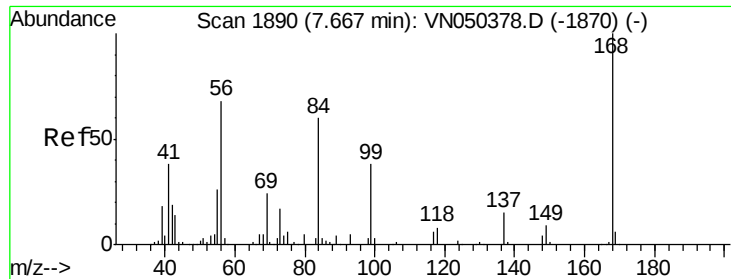
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050419.D

Acq: 7 Aug 2018 6:45

Instrument :

MSVOA_N

ClientSampleId :

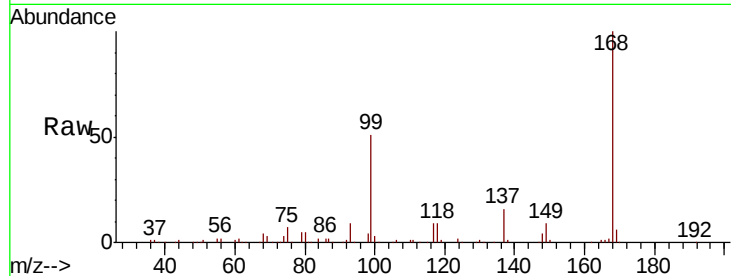
72-11930

Tot Ion:168 Resp: 669723

Ion Ratio Lower Upper

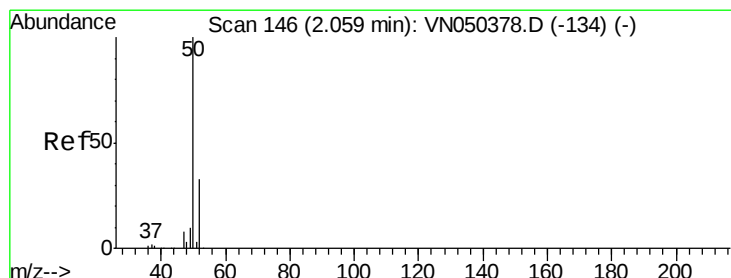
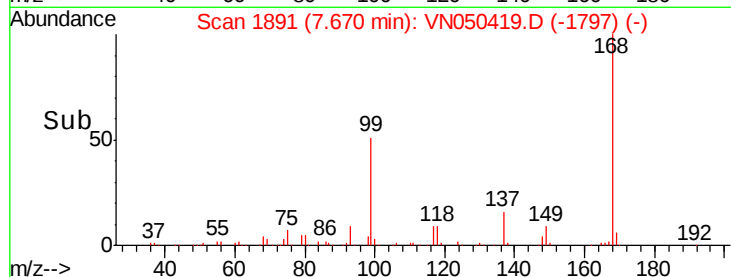
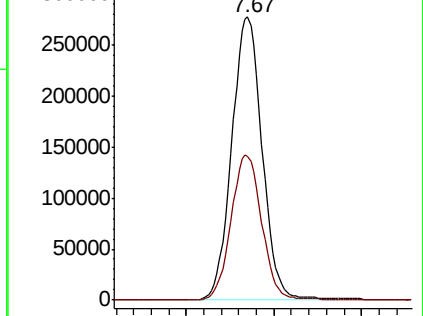
168 100

99 50.9 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050419.D

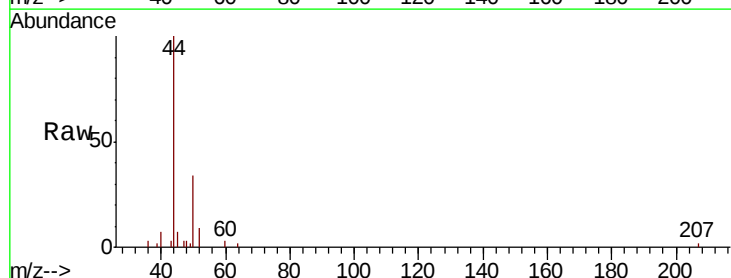
Acq: 7 Aug 2018 6:45

Tgt Ion: 50 Resp: 3799

Ion Ratio Lower Upper

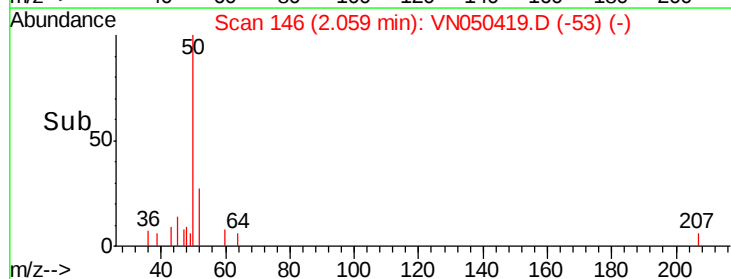
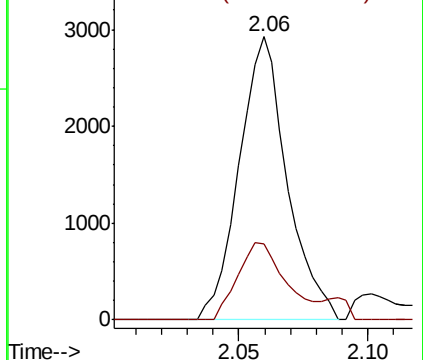
50 100

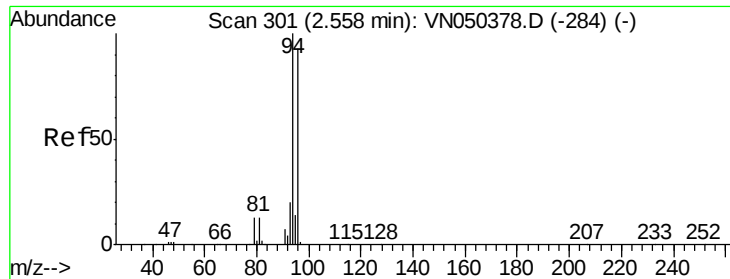
52 26.8 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#5

Bromomethane

Concen: 1.12 ug/l

RT: 2.57 min Scan# 306

Delta R.T. 0.02 min

Lab File: VN050419.D

Acq: 7 Aug 2018 6:45

Instrument :

MSVOA_N

ClientSampled :

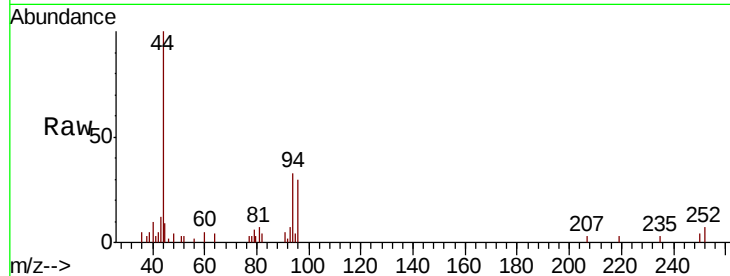
72-11930

Tot Ion: 94 Resp: 4469

Ion Ratio Lower Upper

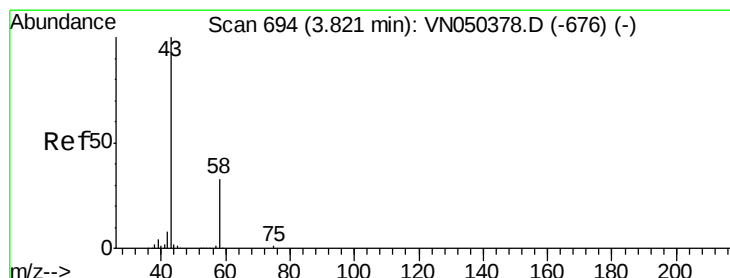
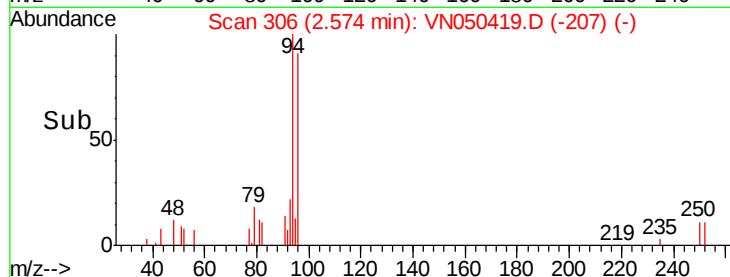
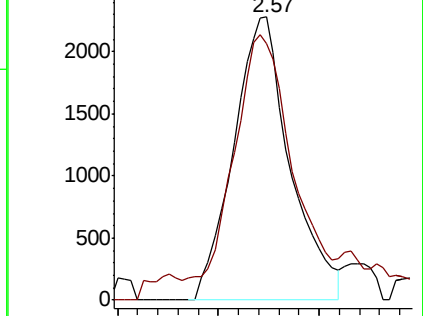
94 100

96 82.9 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#16

Acetone

Concen: 6.15 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050419.D

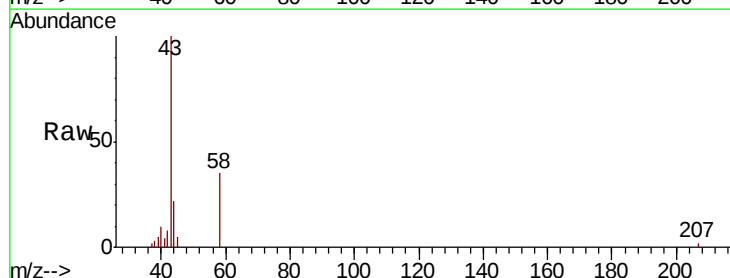
Acq: 7 Aug 2018 6:45

Tgt Ion: 43 Resp: 17352

Ion Ratio Lower Upper

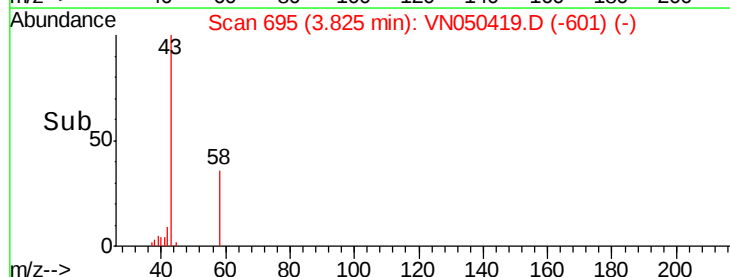
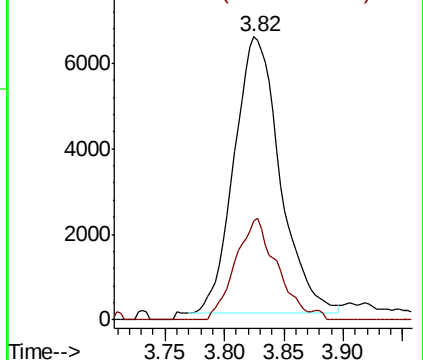
43 100

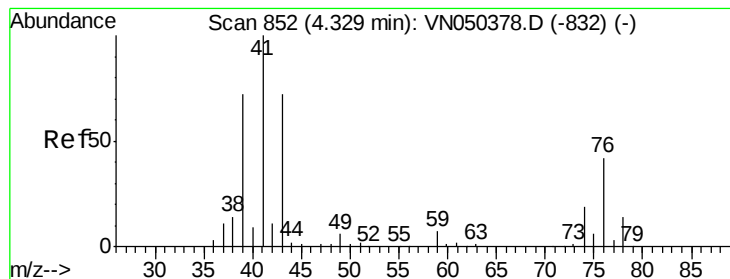
58 35.7 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#18

Methyl Acetate

Concen: 1.90 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.00 min

Lab File: VN050419.D

Acq: 7 Aug 2018 6:45

Instrument :

MSVOA_N

ClientSampled :

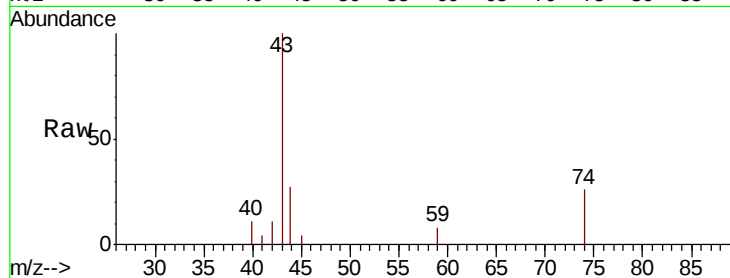
72-11930

Tot Ion: 43 Resp: 14465

Ion Ratio Lower Upper

43 100

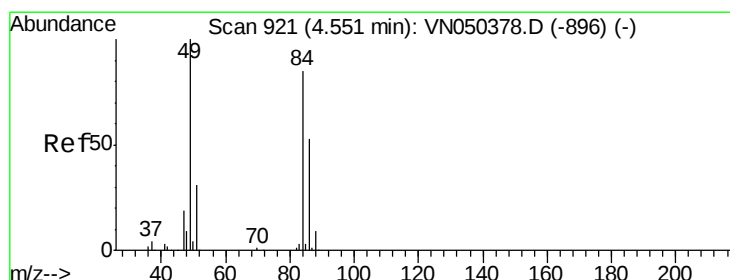
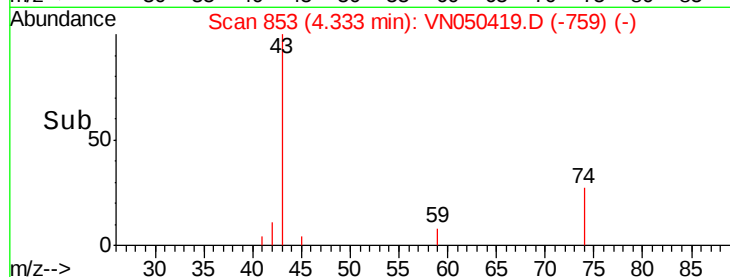
74 23.1 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN050419.D (-759) (-)

Ion 74.00 (73.70 to 74.70): VN050419.D (-759) (-)

Time--> 4.20 4.30 4.40



#20

Methylene Chloride

Concen: 9.85 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN050419.D

Acq: 7 Aug 2018 6:45

Tgt Ion: 84 Resp: 90577

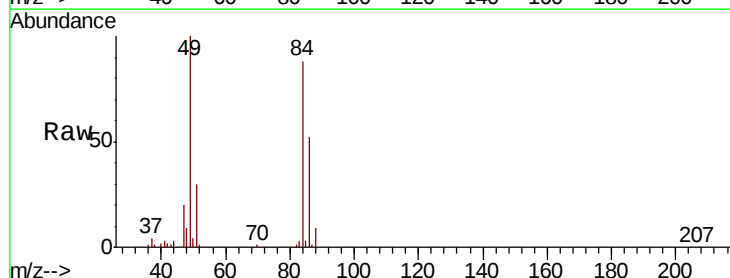
Ion Ratio Lower Upper

84 100

49 113.7 94.8 142.2

51 33.6 28.3 42.5

86 59.4 51.0 76.6



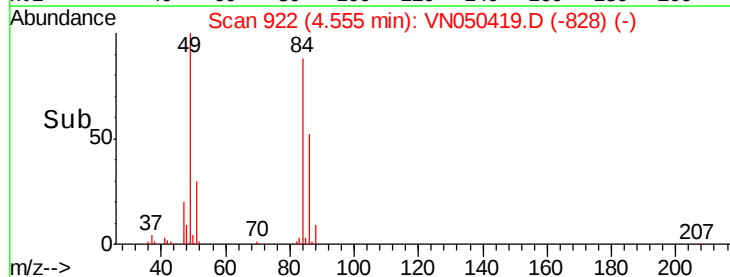
Abundance Ion 83.90 (83.60 to 84.60): VN050419.D (-828) (-)

Ion 48.90 (48.60 to 49.60): VN050419.D (-828) (-)

Ion 50.90 (50.60 to 51.60): VN050419.D (-828) (-)

Ion 85.90 (85.60 to 86.60): VN050419.D (-828) (-)

Time--> 4.40 4.50 4.60 4.70



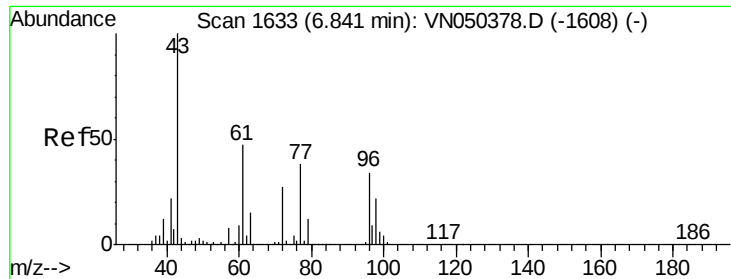
Abundance Ion 83.90 (83.60 to 84.60): VN050419.D (-828) (-)

Ion 48.90 (48.60 to 49.60): VN050419.D (-828) (-)

Ion 50.90 (50.60 to 51.60): VN050419.D (-828) (-)

Ion 85.90 (85.60 to 86.60): VN050419.D (-828) (-)

Time--> 4.40 4.50 4.60 4.70



#25

2-Butanone

Concen: 0.78 ug/l

RT: 6.85 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VN050419.D

Acq: 7 Aug 2018 6:45

Instrument :

MSVOA_N

ClientSampleId :

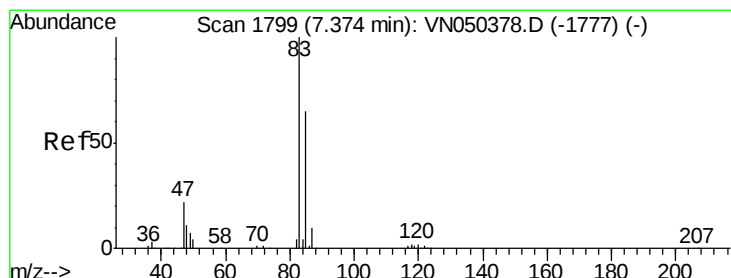
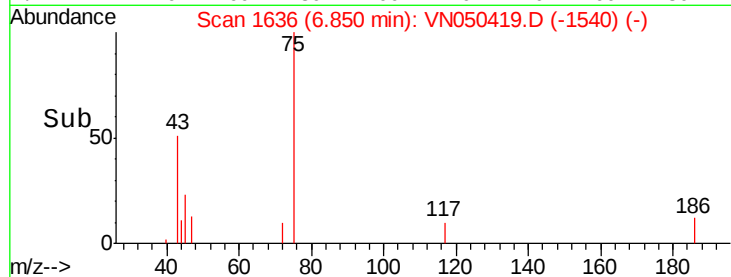
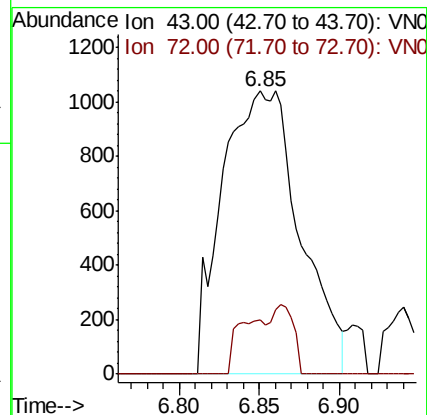
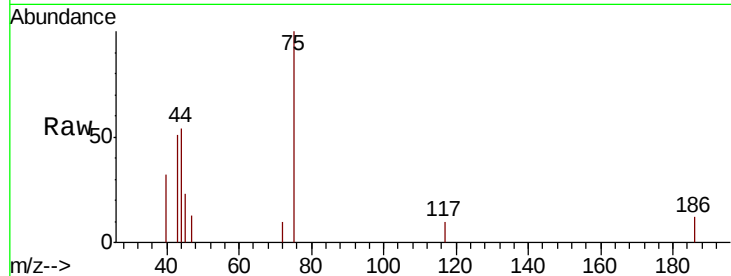
72-11930

Tot Ion: 43 Resp: 3468

Ion Ratio Lower Upper

43 100

72 19.1 21.5 32.3#



#30

Chloroform

Concen: 1.02 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN050419.D

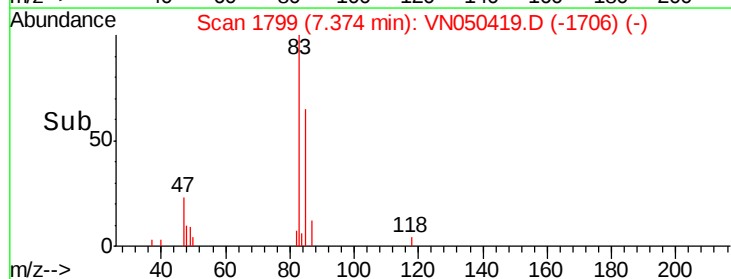
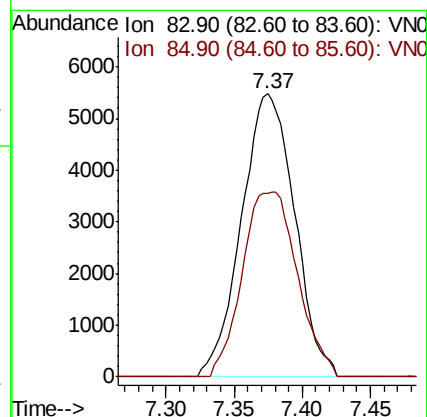
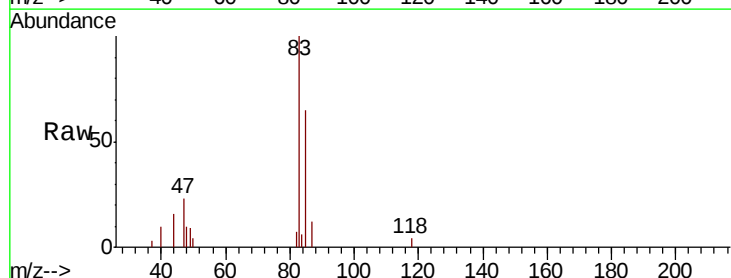
Acq: 7 Aug 2018 6:45

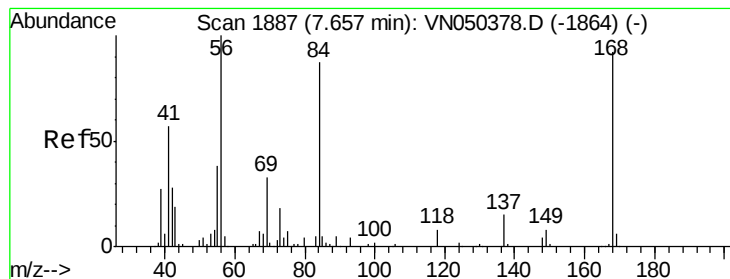
Tgt Ion: 83 Resp: 14830

Ion Ratio Lower Upper

83 100

85 64.9 52.5 78.7





#31

Cvclohexane

Concen: 0.34 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VN050419.D

Acq: 7 Aug 2018 6:45

Instrument :

MSVOA_N

ClientSampled :

72-11930

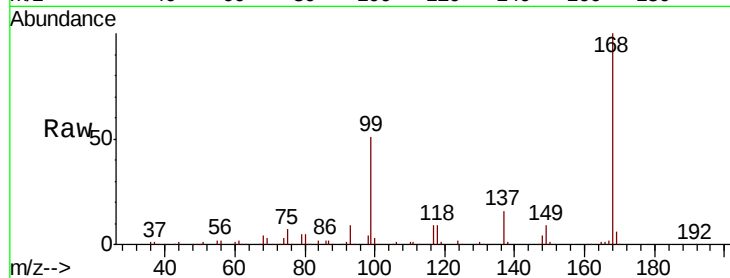
Tot Ion: 56 Resp: 12386

Ion Ratio Lower Upper

56 100

69 195.1 26.2 39.4#

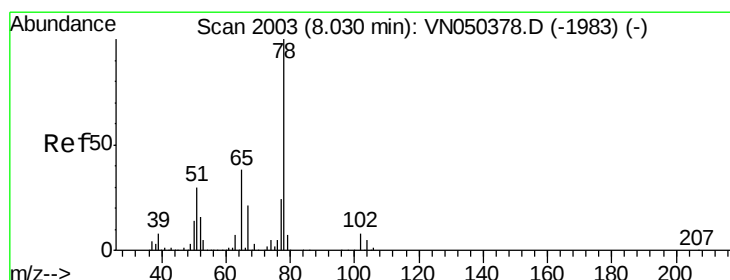
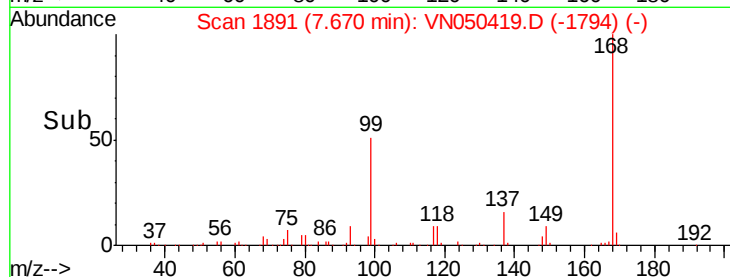
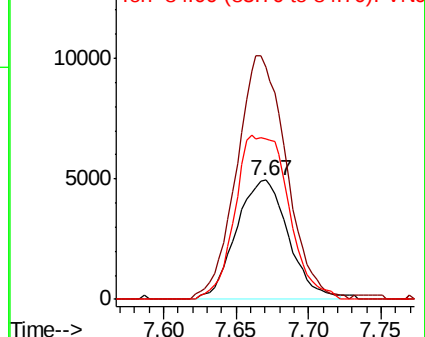
84 134.9 67.4 101.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 52.13 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050419.D

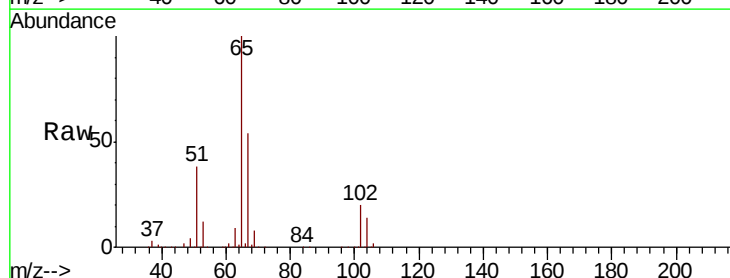
Acq: 7 Aug 2018 6:45

Tgt Ion: 65 Resp: 466445

Ion Ratio Lower Upper

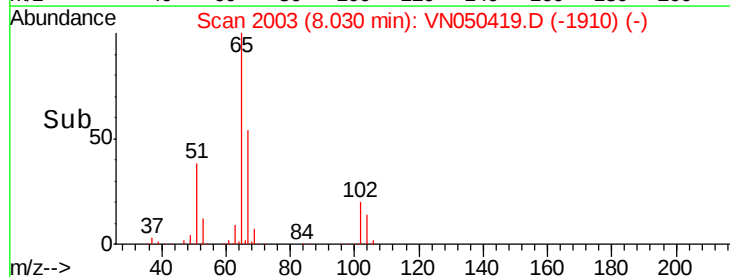
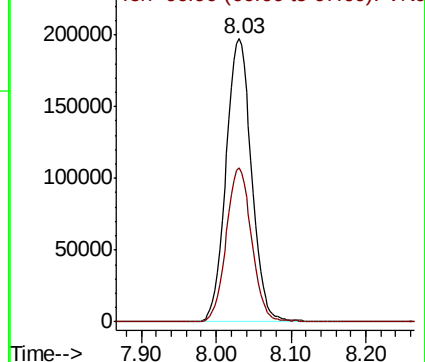
65 100

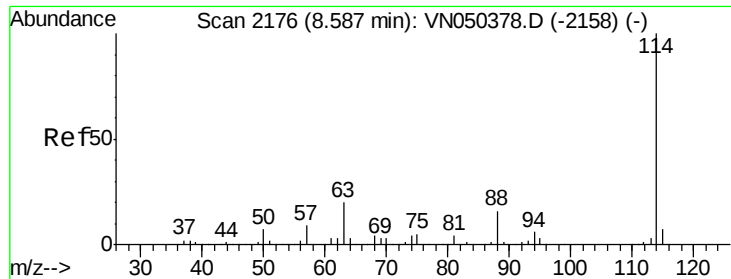
67 53.9 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

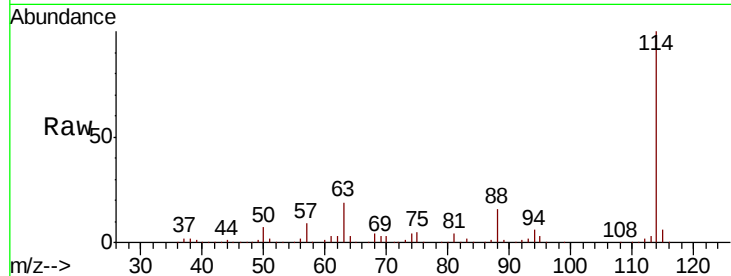




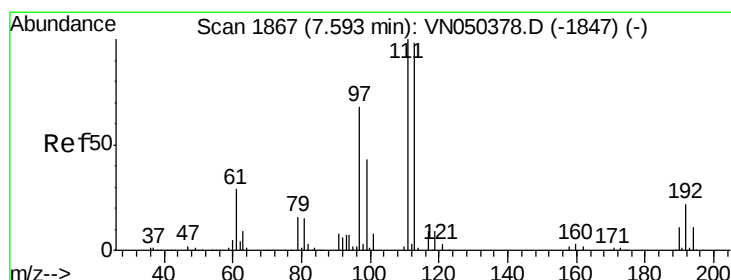
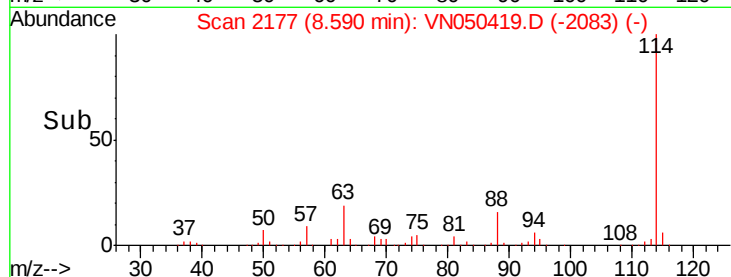
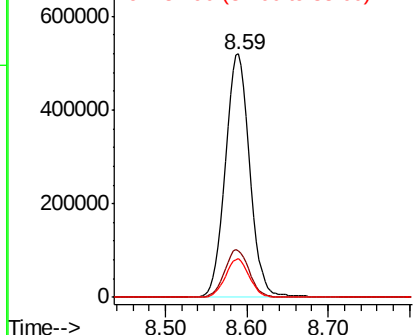
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050419.D
 Acq: 7 Aug 2018 6:45

Instrument :
 MSVOA_N
 ClientSampleId :
 72-11930

Tot Ion:114 Resp: 1101463
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.0
 88 15.8 0.0 31.2

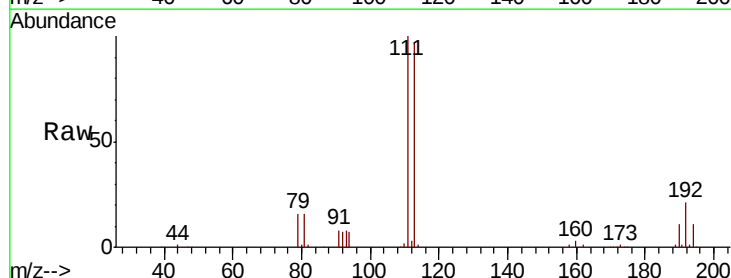


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

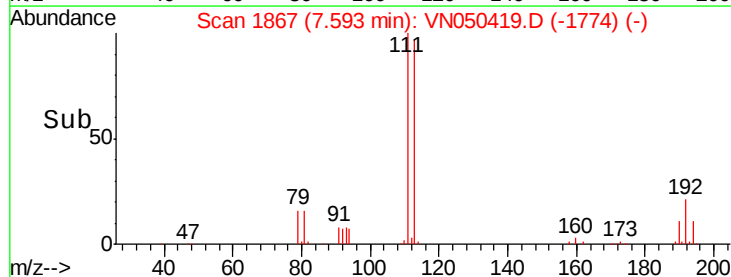
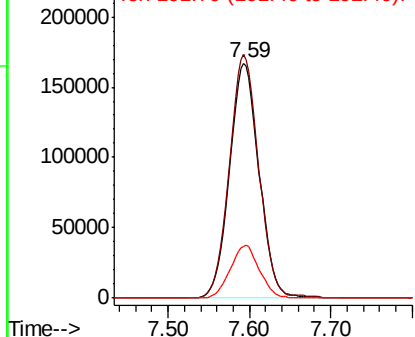


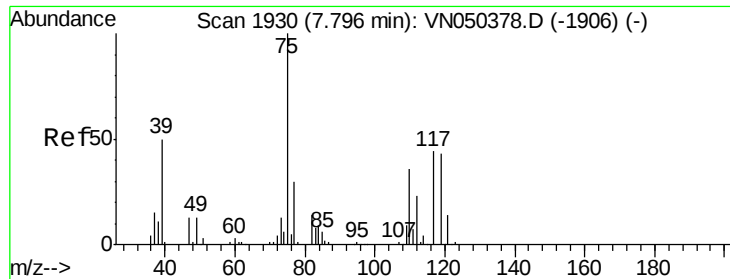
#35
 Dibromofluoromethane
 Concen: 47.80 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050419.D
 Acq: 7 Aug 2018 6:45

Tgt Ion:113 Resp: 422465
 Ion Ratio Lower Upper
 113 100
 111 103.4 80.7 121.1
 192 22.1 17.8 26.6



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

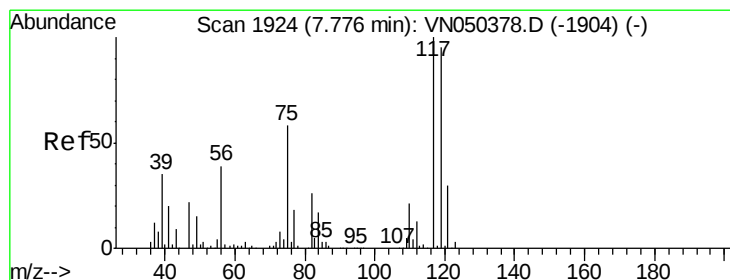
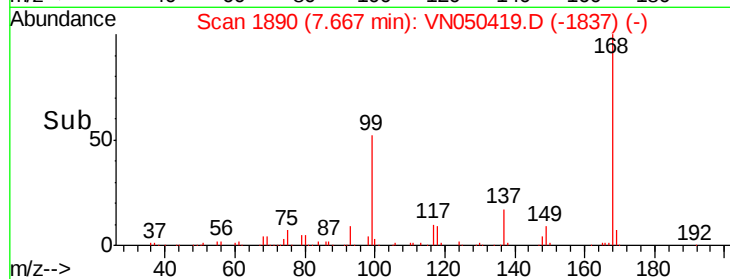
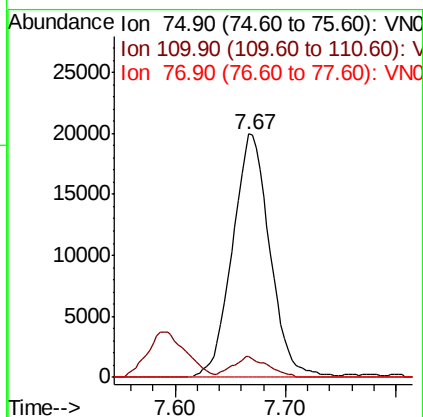
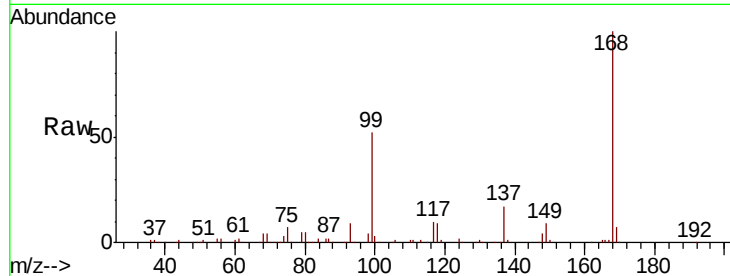




#36
 1,1-Dichloropropene
 Concen: 3.88 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050419.D
 Acq: 7 Aug 2018 6:45

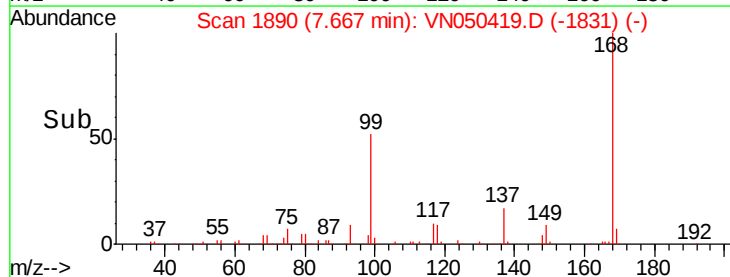
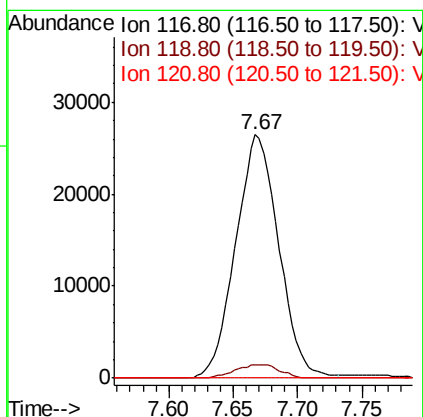
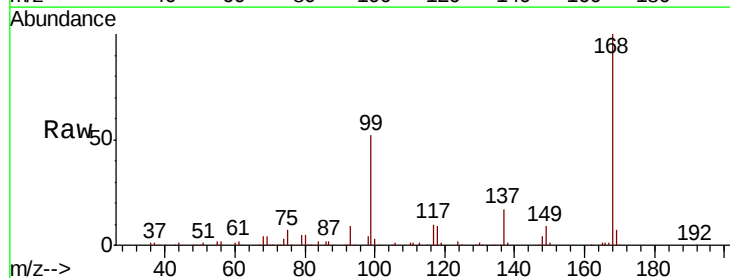
Instrument :
 MSVOA_N
 ClientSampled :
 72-11930

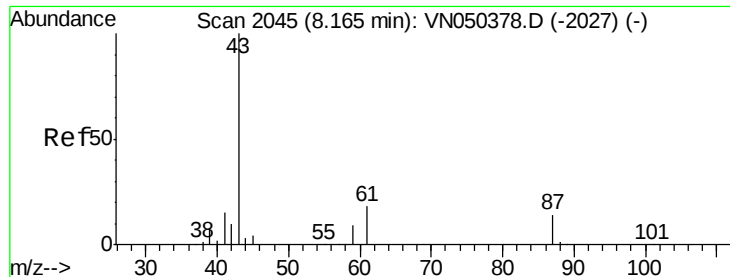
Tot Ion	75	Resp	46938
Ion Ratio	100	Lower	Upper
75	100		
110	8.3	18.4	55.2#
77	0.0	25.3	37.9#



#38
 Carbon Tetrachloride
 Concen: 4.87 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN050419.D
 Acq: 7 Aug 2018 6:45

Tgt Ion	117	Resp	61497
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	5.7	77.4	116.0#
121	0.0	23.9	35.9#





#43

Isopropyl Acetate

Concen: 13.81 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050419.D

Acq: 7 Aug 2018 6:45

Instrument :

MSVOA_N

ClientSampled :

72-11930

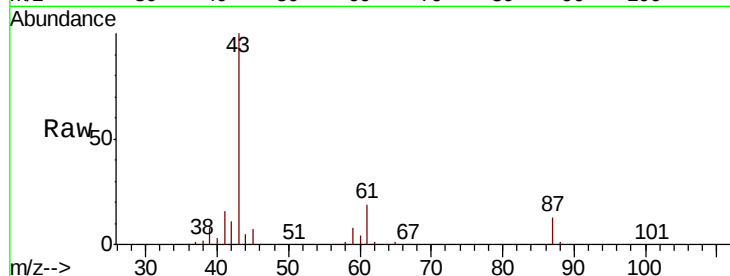
Tot Ion: 43 Resp: 207750

Ion Ratio Lower Upper

43 100

61 17.2 15.8 23.6

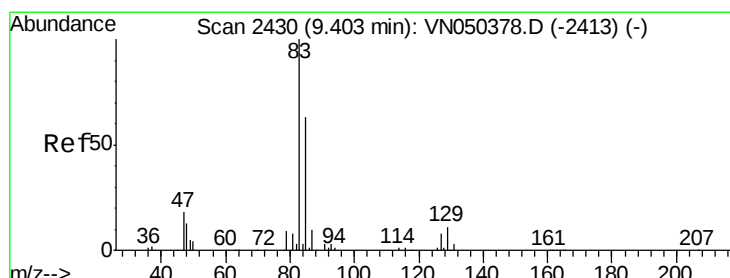
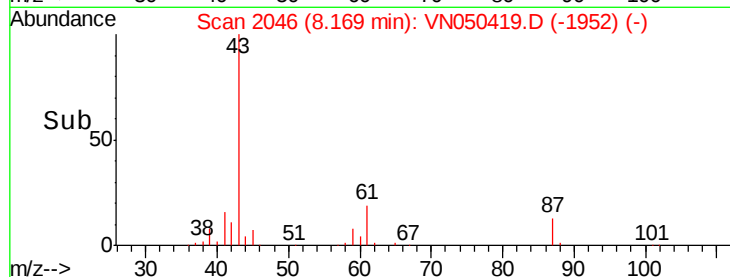
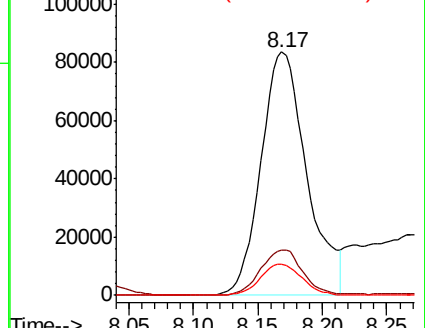
87 11.6 10.3 15.5



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



#47

Bromodichloromethane

Concen: 0.34 ug/l

RT: 9.40 min Scan# 2429

Delta R.T. -0.00 min

Lab File: VN050419.D

Acq: 7 Aug 2018 6:45

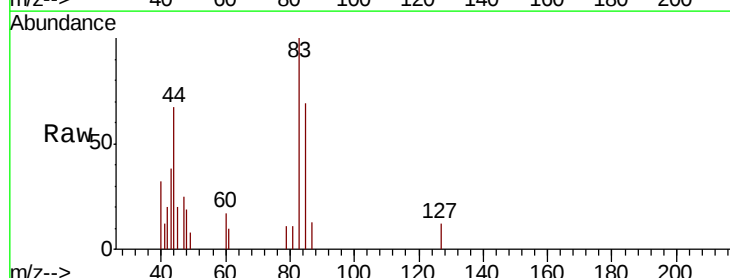
Tgt Ion: 83 Resp: 4267

Ion Ratio Lower Upper

83 100

85 68.8 51.1 76.7

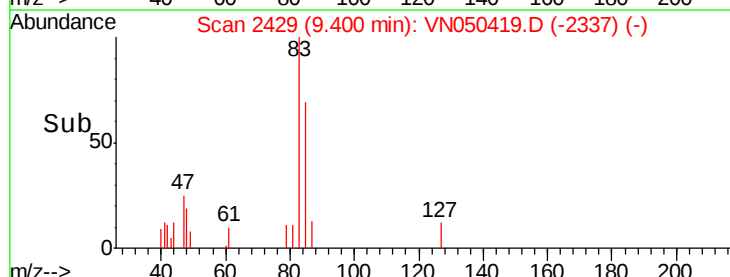
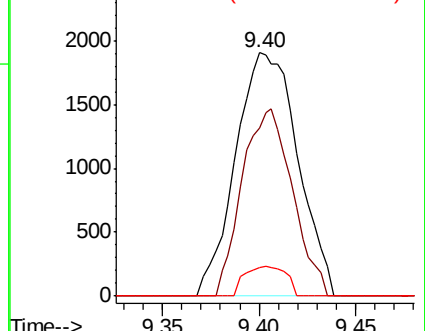
127 11.9 7.0 10.4#

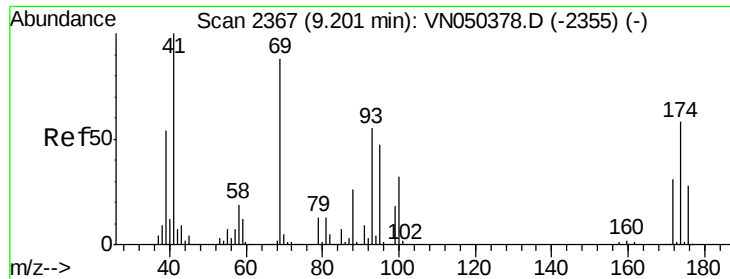


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V

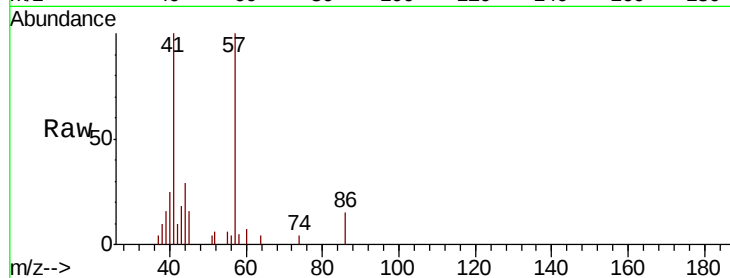




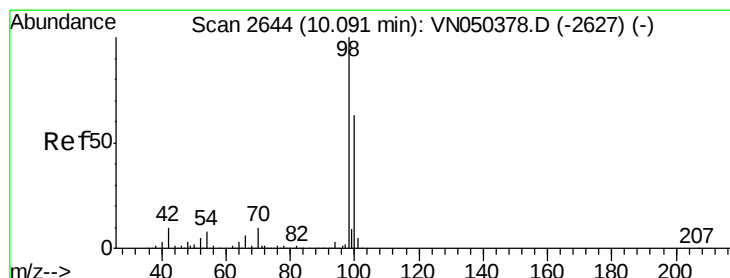
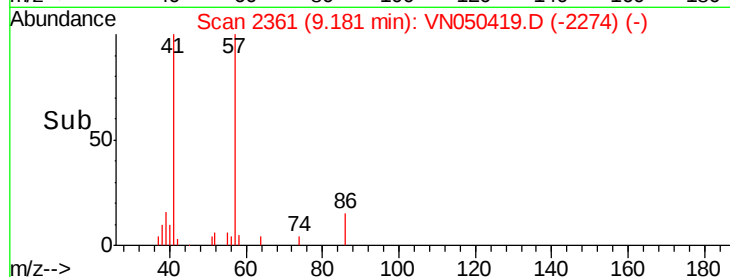
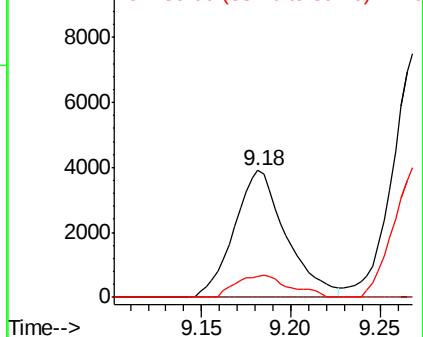
#48
Methyl methacrylate
Concen: 1.05 ug/l
RT: 9.18 min Scan# 2361
Delta R.T. -0.02 min
Lab File: VN050419.D
Acq: 7 Aug 2018 6:45

Instrument :
MSVOA_N
ClientSampleId :
72-11930

Tot Ion: 41 Resp: 7930
Ion Ratio Lower Upper
41 100
69 0.0 70.6 105.8#
39 18.0 43.9 65.9#

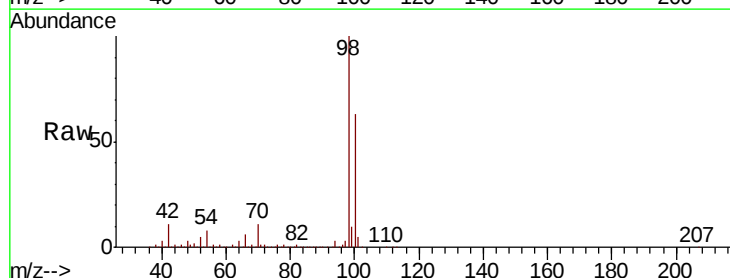


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

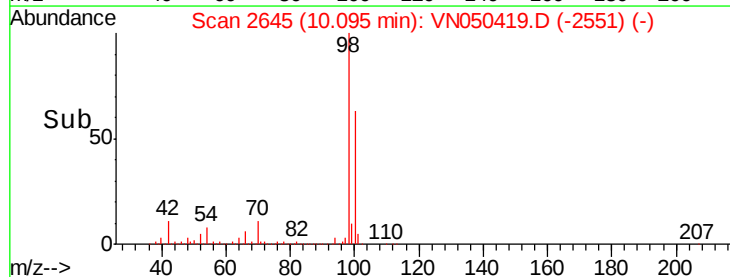
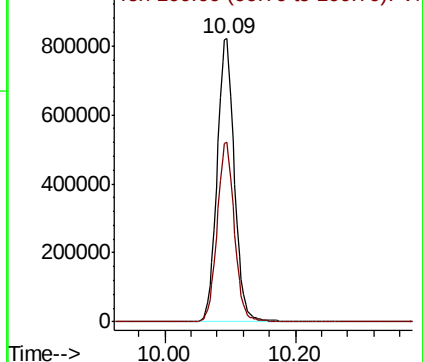


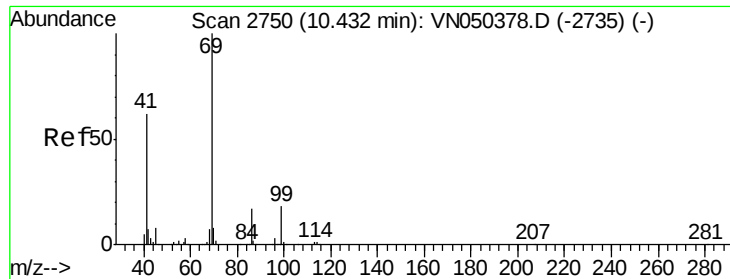
#50
Toluene-d8
Concen: 45.63 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050419.D
Acq: 7 Aug 2018 6:45

Tgt Ion: 98 Resp: 1516142
Ion Ratio Lower Upper
98 100
100 63.2 50.7 76.1



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





#56

Ethyl methacrylate

Concen: 1.76 ug/l

RT: 10.64 min Scan# 2816

Delta R.T. 0.21 min

Lab File: VN050419.D

Acq: 7 Aug 2018 6:45

Instrument :

MSVOA_N

ClientSampled :

72-11930

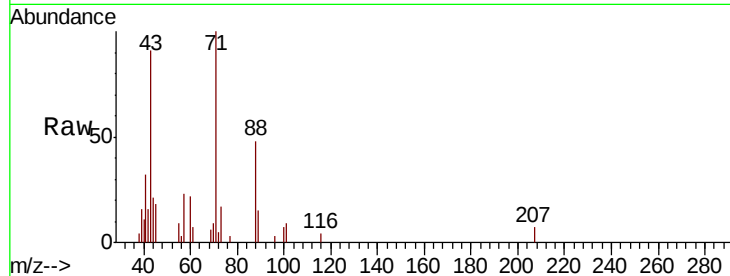
Tot Ion: 69 Resp: 580

Ion Ratio Lower Upper

69 100

41 694.5 51.0 76.4#

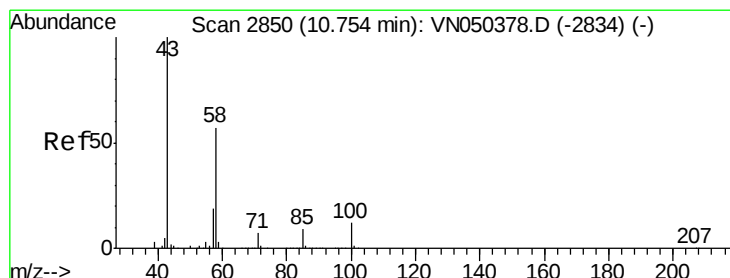
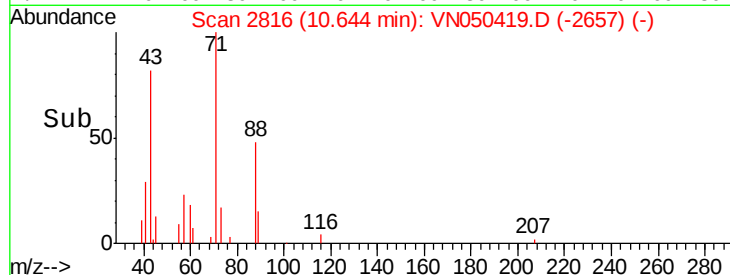
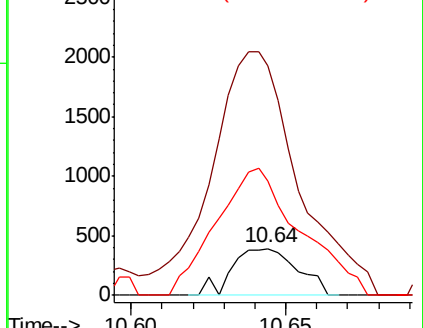
39 349.5 26.6 40.0#



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



#59

2-Hexanone

Concen: 1.70 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050419.D

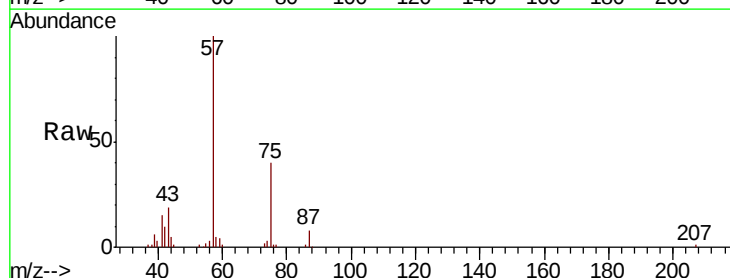
Acq: 7 Aug 2018 6:45

Tgt Ion: 43 Resp: 12871

Ion Ratio Lower Upper

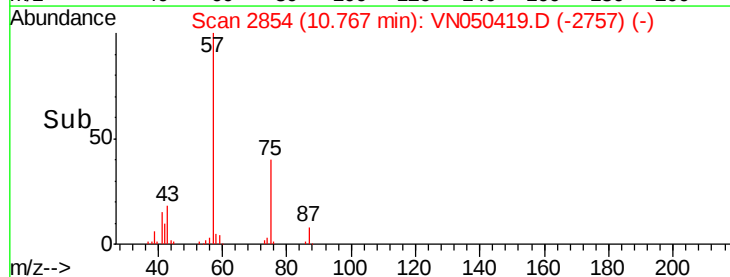
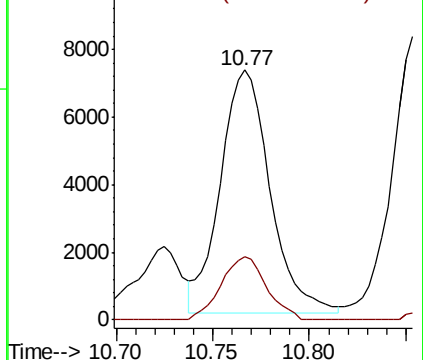
43 100

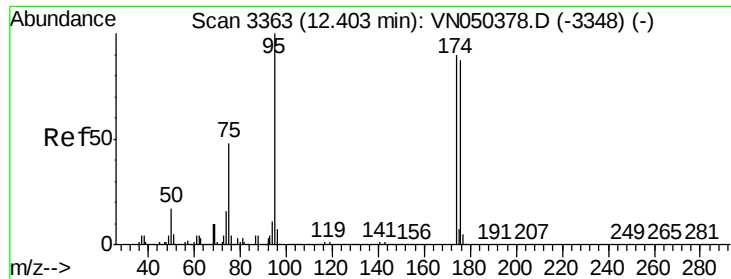
58 23.7 27.6 82.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 39.43 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050419.D

Acq: 7 Aug 2018 6:45

Instrument :

MSVOA_N

ClientSampleId :

72-11930

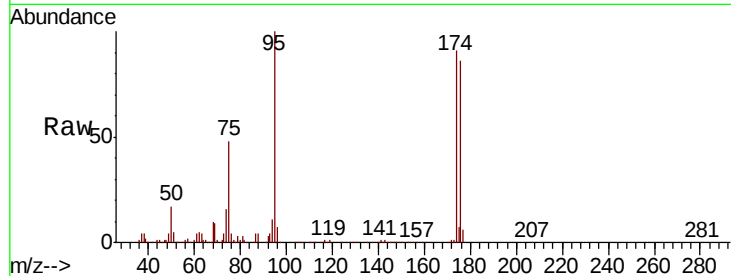
Tot Ion: 95 Resp: 446609

Ion Ratio Lower Upper

95 100

174 91.1 0.0 178.2

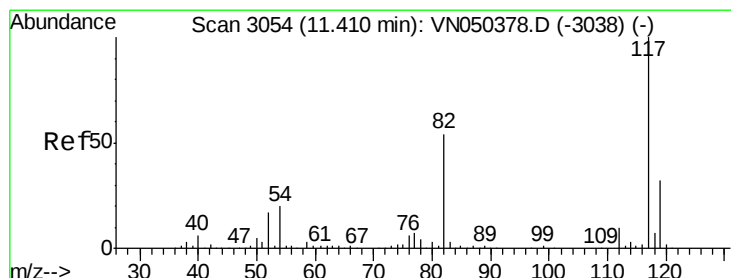
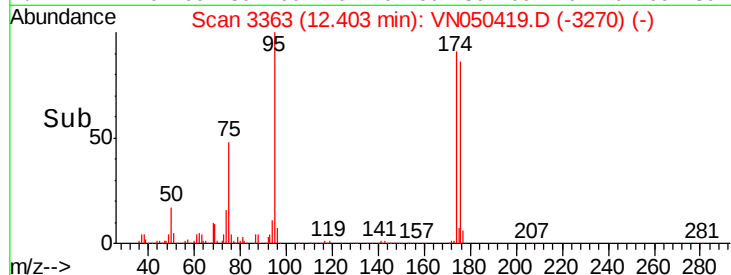
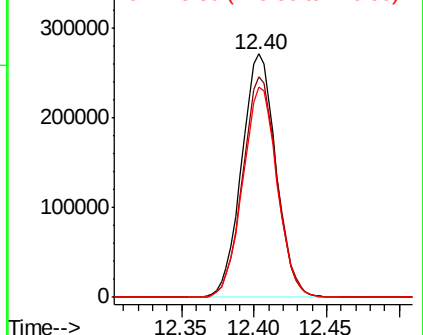
176 86.9 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN050419.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN050419.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN050419.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050419.D

Acq: 7 Aug 2018 6:45

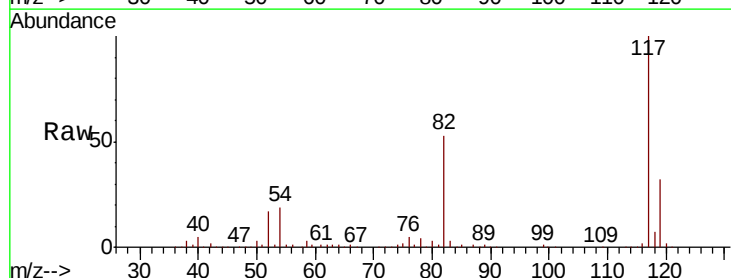
Tgt Ion: 117 Resp: 970190

Ion Ratio Lower Upper

117 100

82 52.5 43.7 65.5

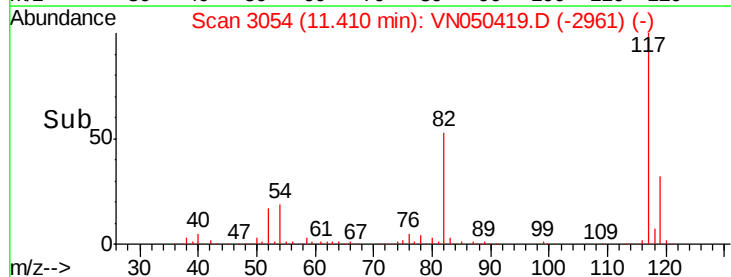
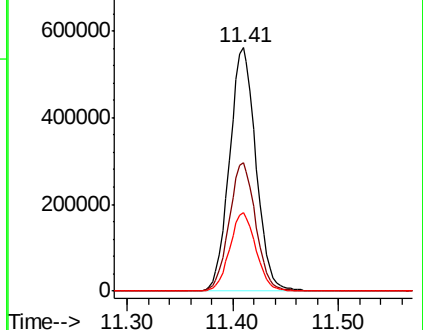
119 32.0 26.1 39.1

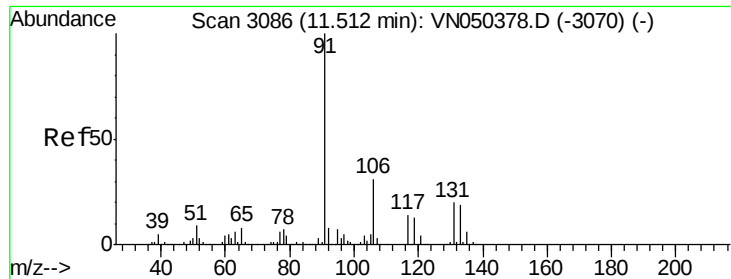


Abundance Ion 116.90 (116.60 to 117.60): VN050419.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN050419.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN050419.D (-2961) (-)

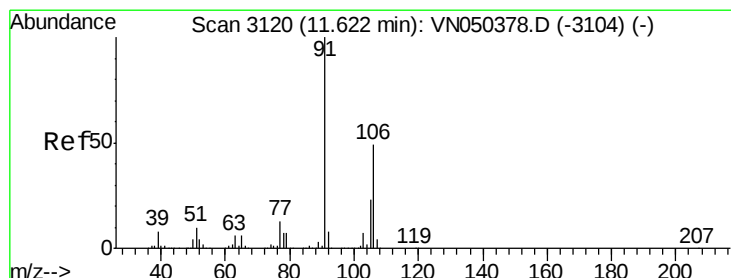
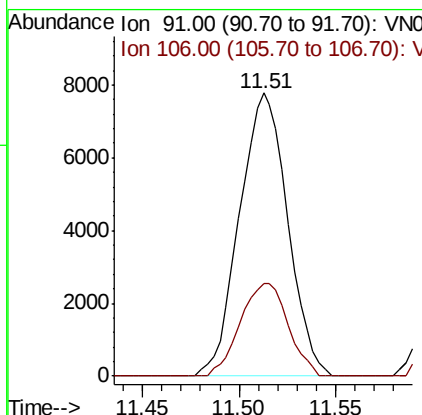
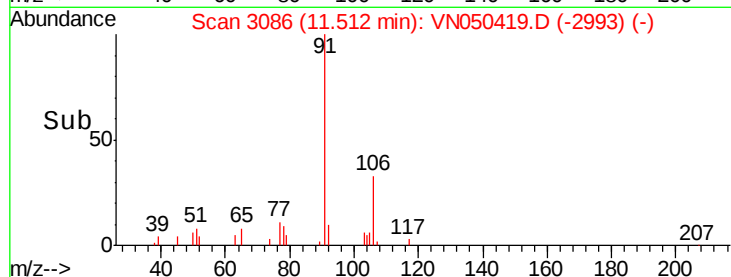
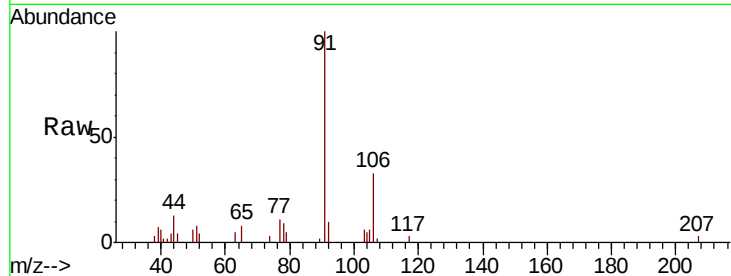




#67
Ethyl Benzene
Concen: 0.34 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050419.D
Acq: 7 Aug 2018 6:45

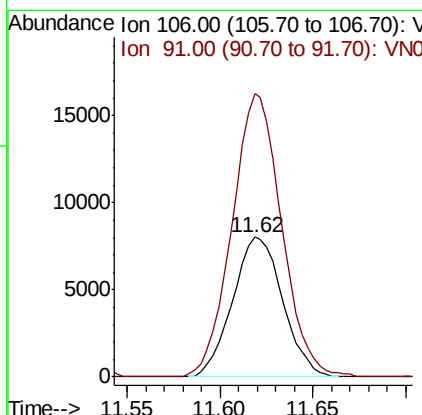
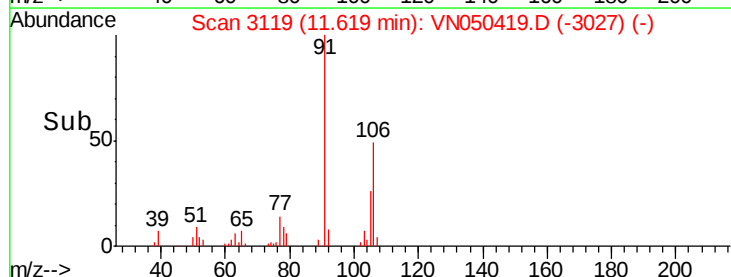
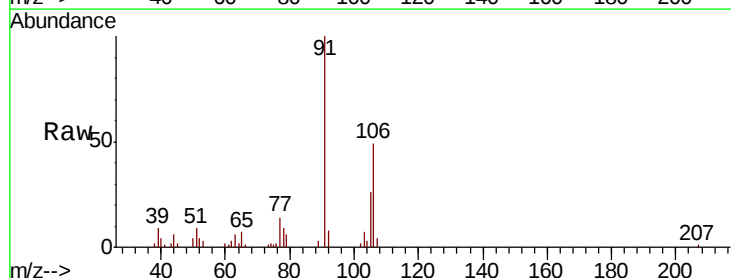
Instrument :
MSVOA_N
ClientSampled :
72-11930

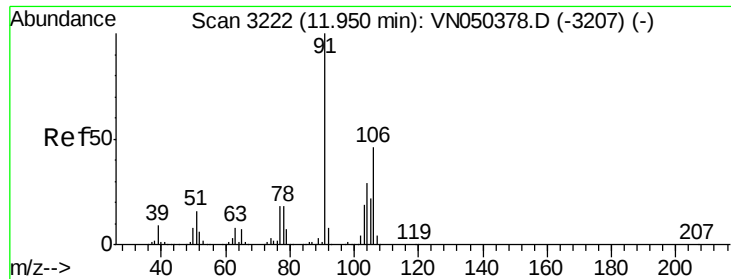
Tot Ion: 91 Resp: 13438
Ion Ratio Lower Upper
91 100
106 32.6 25.0 37.4



#68
m/p-Xylenes
Concen: 1.00 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN050419.D
Acq: 7 Aug 2018 6:45

Tgt Ion:106 Resp: 15009
Ion Ratio Lower Upper
106 100
91 200.8 162.2 243.2

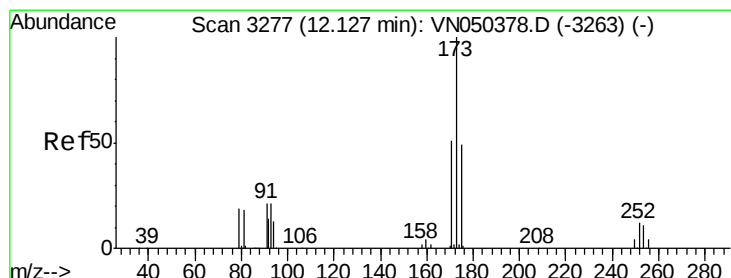
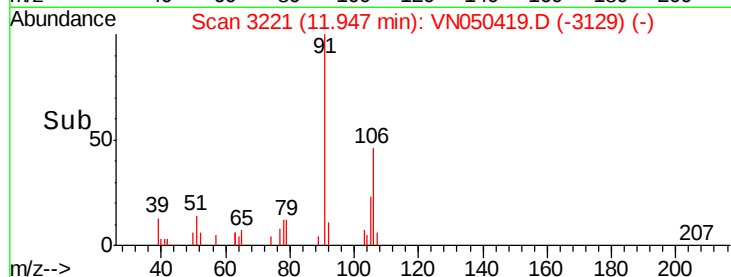
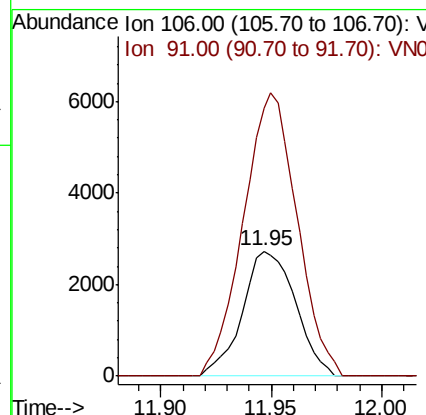
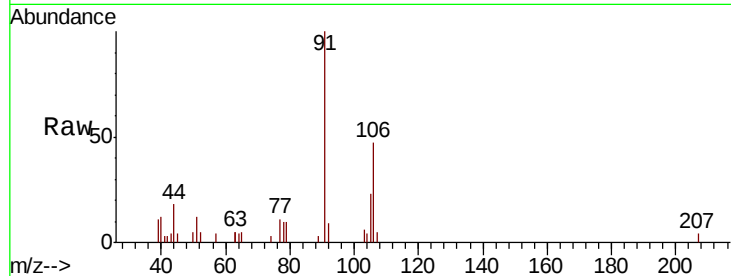




#69
o-Xylene
Concen: 0.32 ug/l
RT: 11.95 min Scan# 3221
Delta R.T. -0.00 min
Lab File: VN050419.D
Acq: 7 Aug 2018 6:45

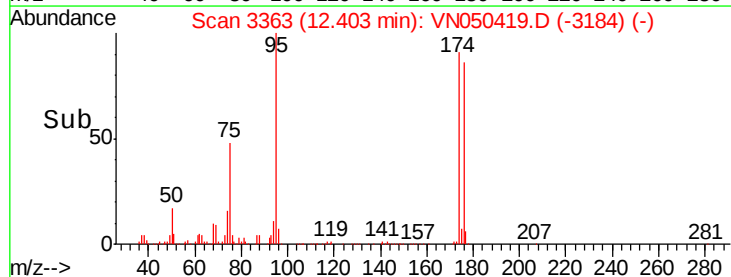
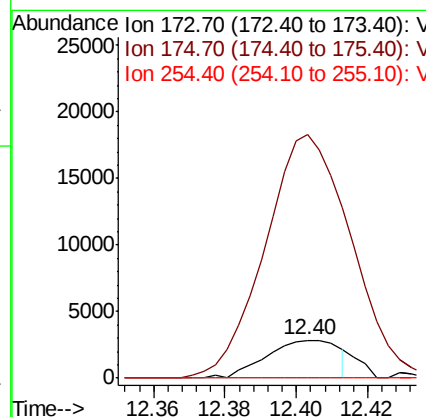
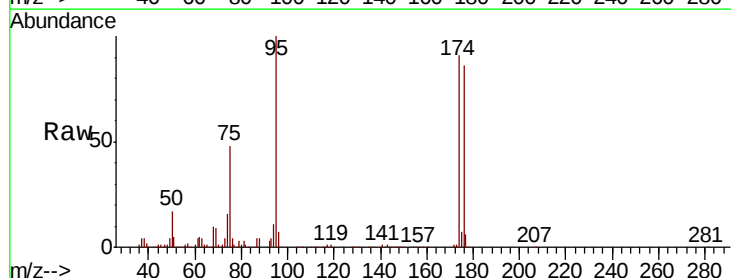
Instrument :
MSVOA_N
ClientSampled :
72-11930

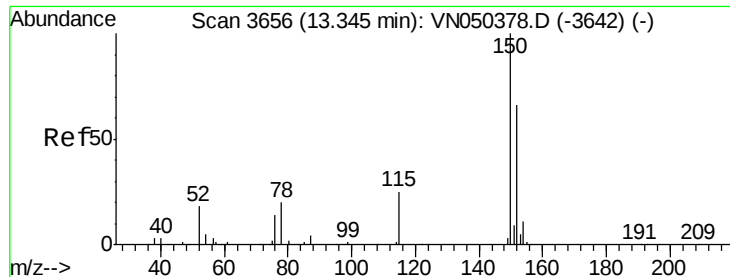
Tot Ion:106 Resp: 4551
Ion Ratio Lower Upper
106 100
91 229.5 107.7 323.1



#71
Bromoform
Concen: 0.62 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.28 min
Lab File: VN050419.D
Acq: 7 Aug 2018 6:45

Tgt Ion:173 Resp: 4015
Ion Ratio Lower Upper
173 100
175 634.3 24.1 72.2#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050419.D

Acq: 7 Aug 2018 6:45

Instrument :

MSVOA_N

ClientSampleId :

72-11930

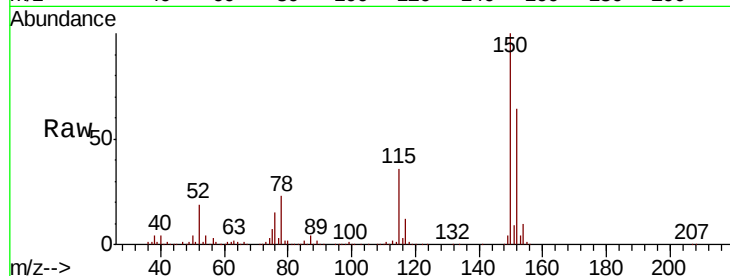
Tot Ion:152 Resp: 398498

Ion Ratio Lower Upper

152 100

115 56.5 27.8 83.3

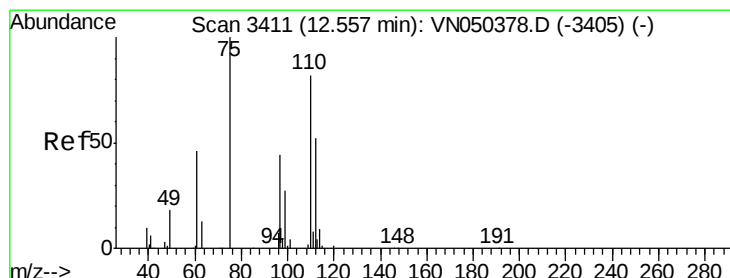
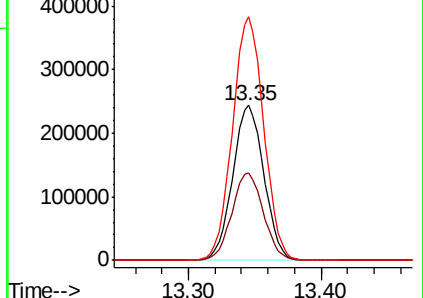
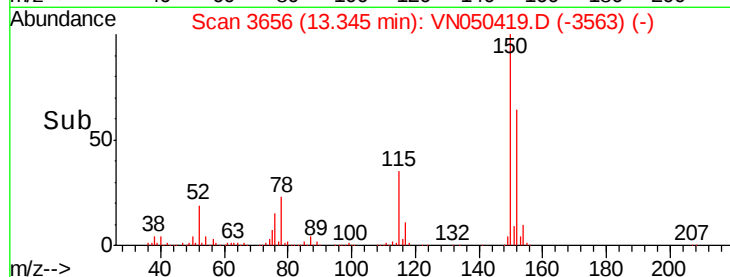
150 157.1 0.0 348.6



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



#76

1,2,3-Trichloropropane

Concen: 30.40 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050419.D

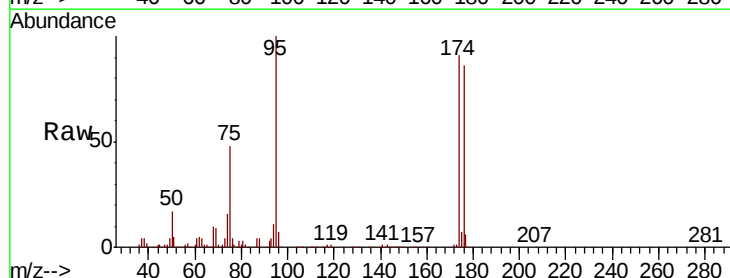
Acq: 7 Aug 2018 6:45

Tgt Ion: 75 Resp: 219289

Ion Ratio Lower Upper

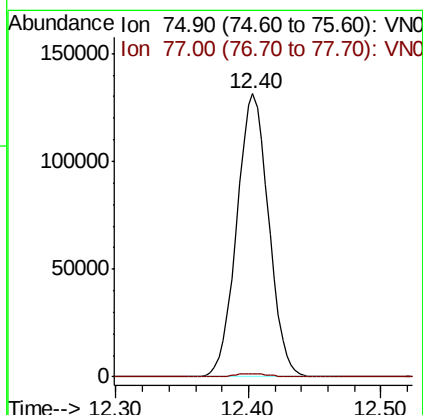
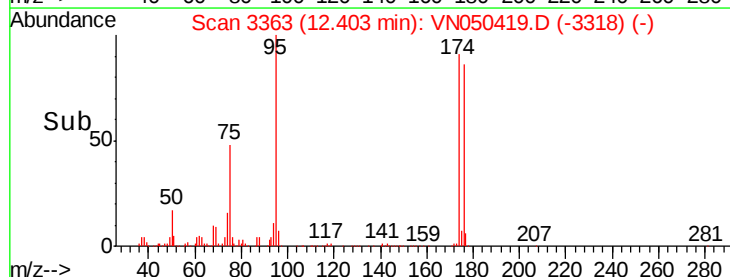
75 100

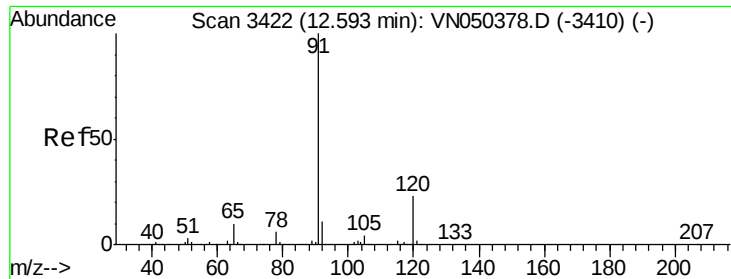
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

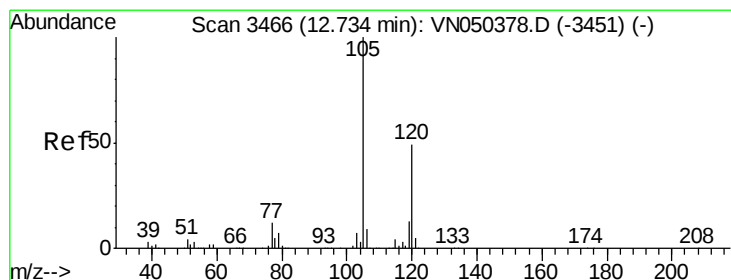
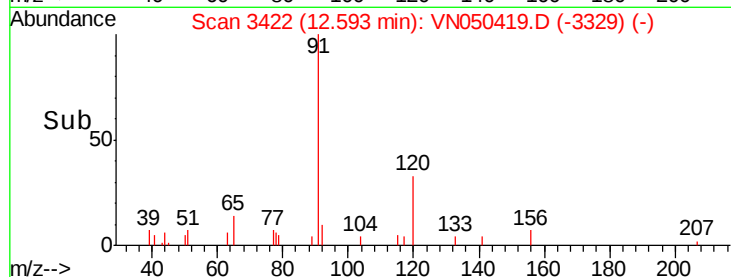
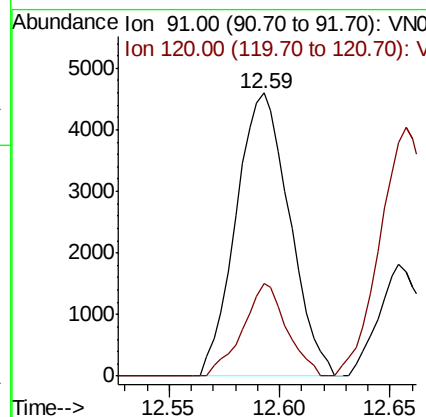
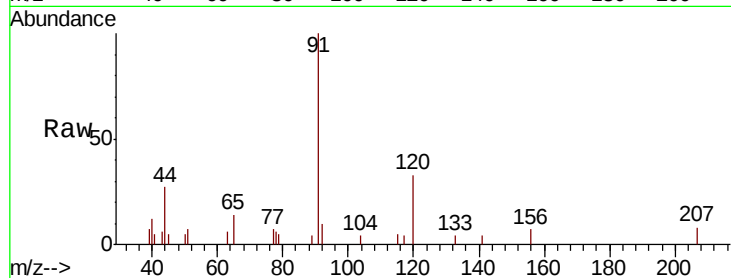




#78
n-propylbenzene
Concen: 0.23 ug/l
RT: 12.59 min Scan# 3422
Delta R.T. 0.00 min
Lab File: VN050419.D
Acq: 7 Aug 2018 6:45

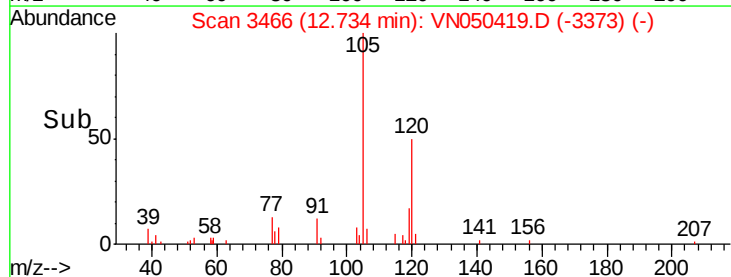
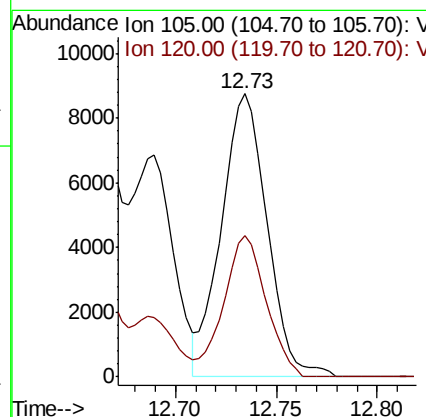
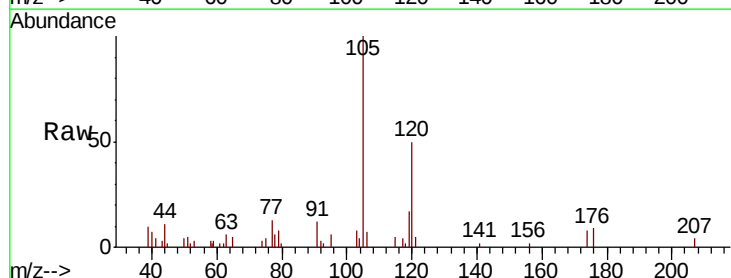
Instrument :
MSVOA_N
ClientSampled :
72-11930

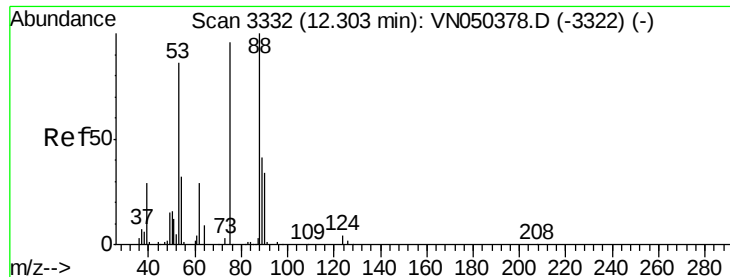
Tot Ion: 91 Resp: 7740
Ion Ratio Lower Upper
91 100
120 26.7 11.6 34.7



#80
1,3,5-Trimethylbenzene
Concen: 0.57 ug/l
RT: 12.73 min Scan# 3466
Delta R.T. 0.00 min
Lab File: VN050419.D
Acq: 7 Aug 2018 6:45

Tgt Ion:105 Resp: 13852
Ion Ratio Lower Upper
105 100
120 46.6 24.4 73.2

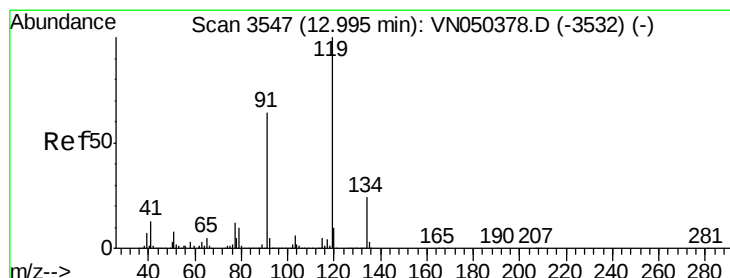
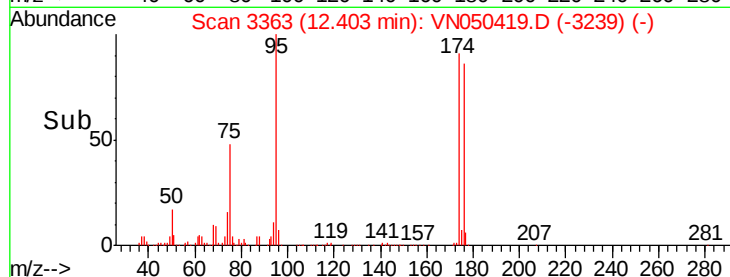
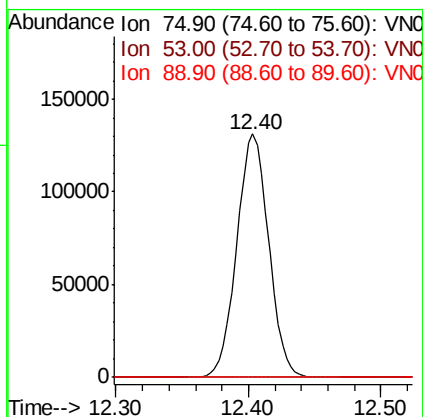
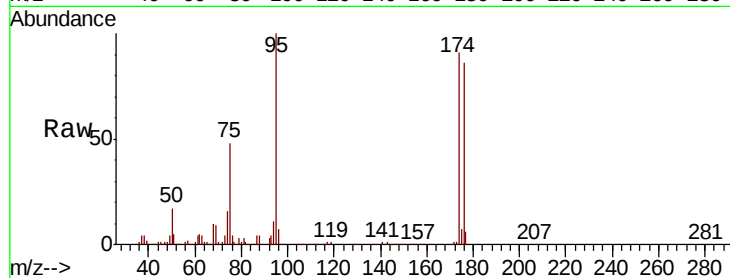




#81
trans-1,4-Dichloro-2-butene
Concen: 106.82 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.10 min
Lab File: VN050419.D
Acq: 7 Aug 2018 6:45

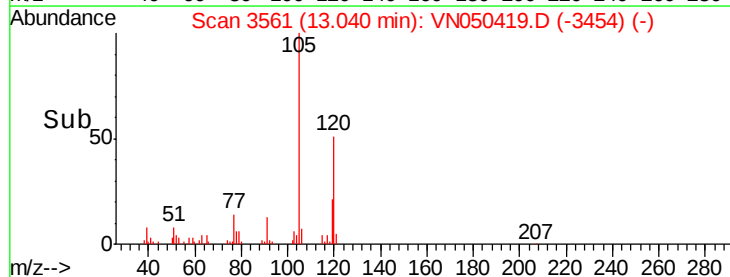
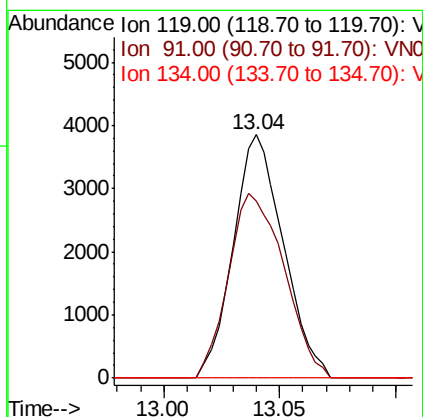
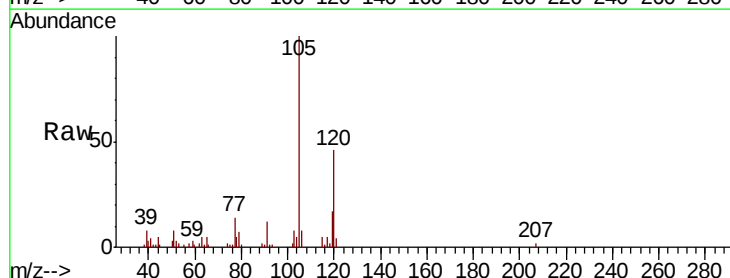
Instrument :
MSVOA_N
ClientSampleId :
72-11930

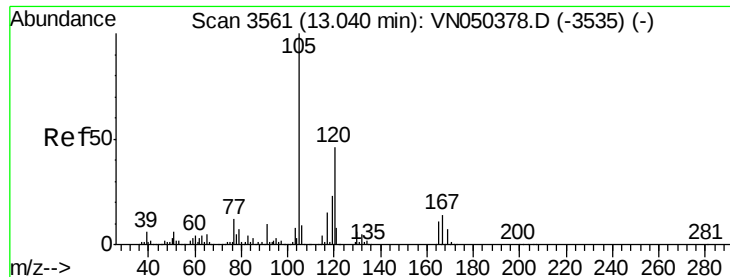
Tot Ion: 75 Resp: 219289
Ion Ratio Lower Upper
75 100
53 0.2 73.5 110.3#
89 0.0 36.0 54.0#



#83
tert-Butylbenzene
Concen: 0.27 ug/l
RT: 13.04 min Scan# 3561
Delta R.T. 0.05 min
Lab File: VN050419.D
Acq: 7 Aug 2018 6:45

Tgt Ion: 119 Resp: 5763
Ion Ratio Lower Upper
119 100
91 84.2 32.1 96.3
134 0.0 13.2 39.5#





#84

1,2,4-Trimethylbenzene

Concen: 1.54 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. 0.00 min

Lab File: VN050419.D

Acq: 7 Aug 2018 6:45

Instrument :

MSVOA_N

ClientSampled :

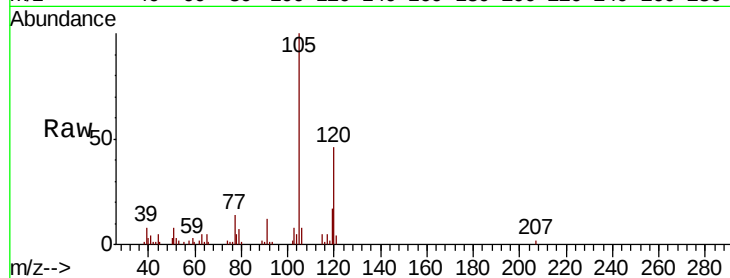
72-11930

Tot Ion:105 Resp: 37811

Ion Ratio Lower Upper

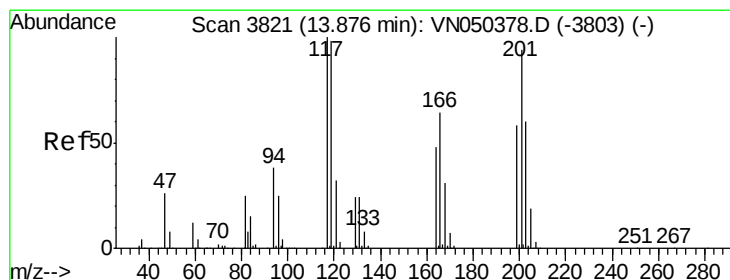
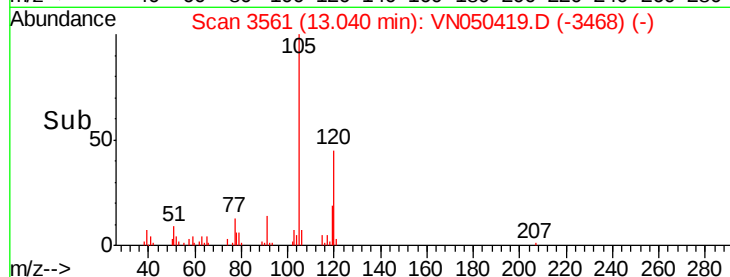
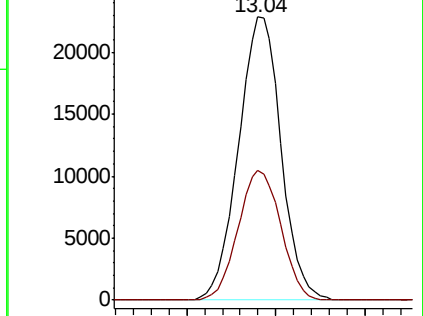
105 100

120 46.0 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#90

Hexachloroethane

Concen: 0.28 ug/l

RT: 13.89 min Scan# 3824

Delta R.T. 0.01 min

Lab File: VN050419.D

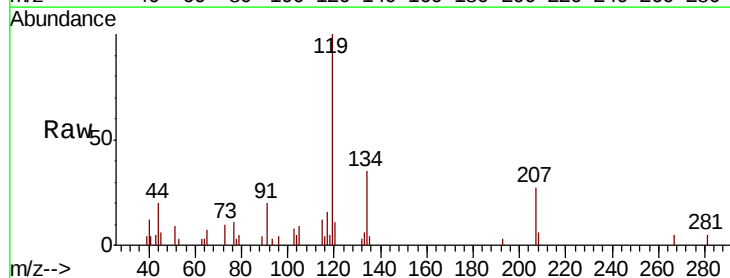
Acq: 7 Aug 2018 6:45

Tgt Ion:117 Resp: 1213

Ion Ratio Lower Upper

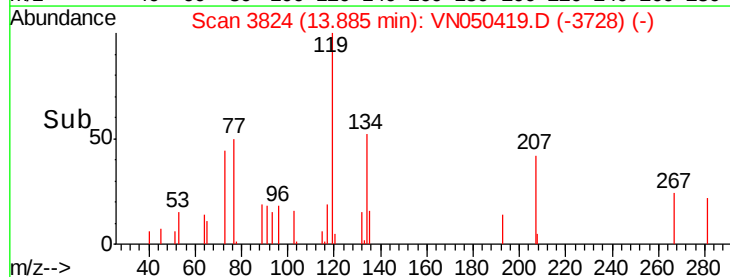
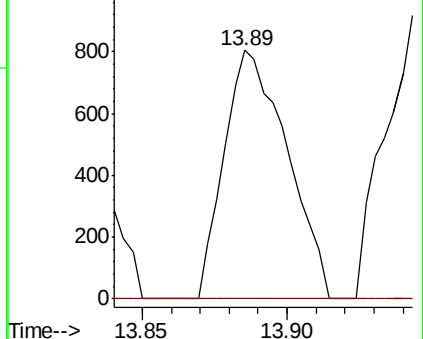
117 100

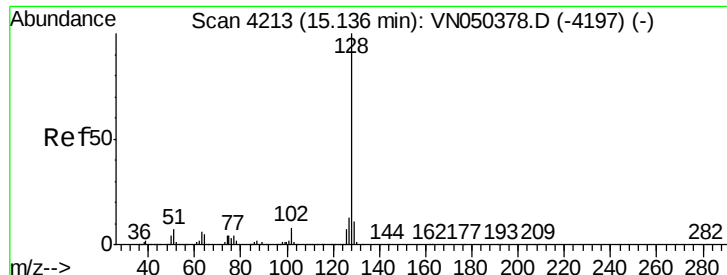
201 0.0 45.6 136.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#95
 Naphthalene
 Concen: 4.73 ug/l
 RT: 15.13 min Scan# 4212
 Delta R.T. -0.00 min
 Lab File: VN050419.D
 Acq: 7 Aug 2018 6:45

Instrument :
 MSVOA_N
 ClientSampleId :
 72-11930

Tot Ion:128	Resp:	23065
Ion	Ratio	Lower Upper
128	100	
127	12.4	10.4 15.6
129	10.5	8.8 13.2

