

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040319\
 Data File : VN054929.D
 Acq On : 3 Apr 2019 16:53
 Operator : JC/SP
 Sample : K2199-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 04 01:12:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	530725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	872409	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	746761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	269565	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	348517	48.71	ug/l	0.00
Spiked Amount			Recovery	=	97.42%	
35) Dibromofluoromethane	7.59	113	276684	47.57	ug/l	0.00
Spiked Amount			Recovery	=	95.14%	
50) Toluene-d8	10.09	98	1045722	48.36	ug/l	0.00
Spiked Amount			Recovery	=	96.72%	
62) 4-Bromofluorobenzene	12.40	95	318277	44.26	ug/l	0.00
Spiked Amount			Recovery	=	88.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.57	94	273	Below Cal	#	2
13) Acrolein	3.61	56	98	0.294	ug/l #	1
16) Acetone	3.82	43	20046	11.750	ug/l #	81
20) Methylene Chloride	4.55	84	194822	32.374	ug/l	88
25) 2-Butanone	6.86	43	2539	1.007	ug/l	96
29) Tetrahydrofuran	7.23	42	1697	0.969	ug/l #	68
30) Chloroform	7.37	83	5759	0.557	ug/l	95
31) Cyclohexane	7.67	56	11292	Below Cal	#	2
36) 1,1-Dichloropropene	7.67	75	38906	4.786	ug/l #	48
38) Carbon Tetrachloride	7.66	117	49202	6.232	ug/l #	16
43) Isopropyl Acetate	8.17	43	16898	1.745	ug/l #	93
45) 1,2-Dichloropropane	9.27	63	1617	0.244	ug/l #	43
47) Bromodichloromethane	9.41	83	1648	0.213	ug/l #	94
48) Methyl methacrylate	9.18	41	8368	1.594	ug/l #	11
51) 4-Methyl-2-Pentanone	10.02	43	8807	1.617	ug/l #	36
54) cis-1,3-Dichloropropene	9.90	75	57903	6.645	ug/l #	70
57) 1,3-Dichloropropane	10.76	76	11219	1.268	ug/l #	43
59) 2-Hexanone	10.77	43	175345	50.296	ug/l #	48
71) Bromoform	12.39	173	966	0.301	ug/l #	28
74) N-amyl acetate	11.88	43	18109	2.638	ug/l #	51
75) 1,1,2,2-Tetrachloroethane	12.40	83	244	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	166770	35.612	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	5987	0.331	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	166770	138.522	ug/l #	11
83) tert-Butylbenzene	13.03	119	646	Below Cal	#	84
84) 1,2,4-Trimethylbenzene	13.04	105	3675	0.213	ug/l	89
94) Hexachlorobutadiene	15.00	225	236	Below Cal	#	19
95) Naphthalene	15.13	128	4970	0.512	ug/l #	91

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054929.D

Acq: 3 Apr 2019 16:53

Instrument :

MSVOA_N

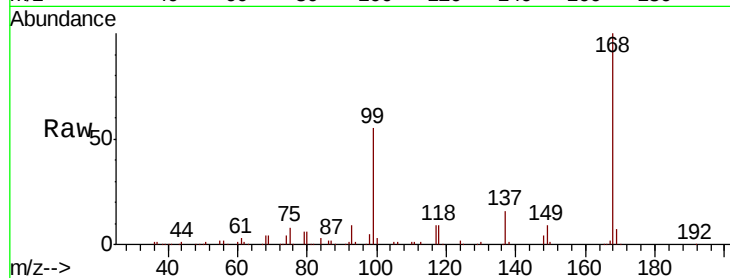
ClientSampled :

Tot Ion:168 Resp: 530725

Ion Ratio Lower Upper

168 100

99 55.4 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054929.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN054929.D (-1740) (-)

7.67

250000

200000

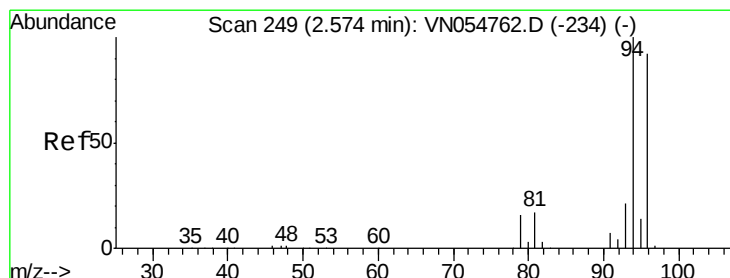
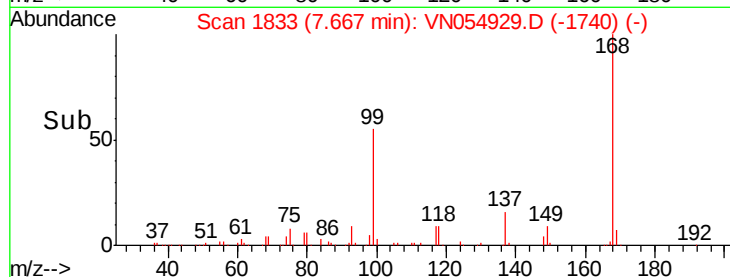
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 248

Delta R.T. -0.00 min

Lab File: VN054929.D

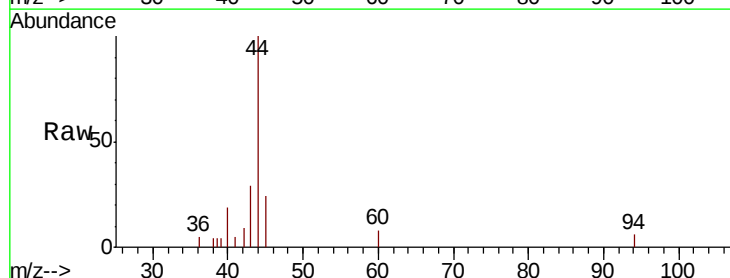
Acq: 3 Apr 2019 16:53

Tgt Ion: 94 Resp: 273

Ion Ratio Lower Upper

94 100

96 0.0 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VN054929.D (-156) (-)

Ion 95.90 (95.60 to 96.60): VN054929.D (-156) (-)

2.57

300

250

200

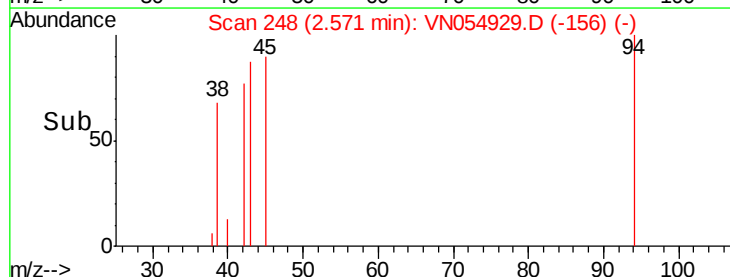
150

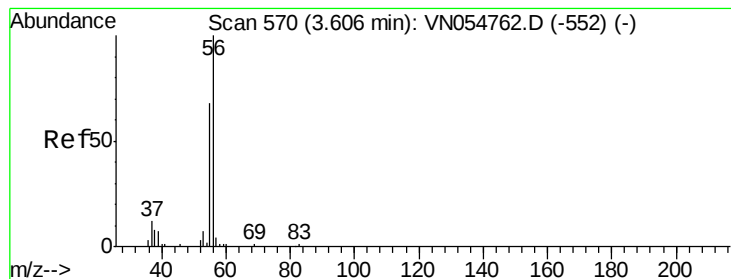
100

50

0

Time--> 2.56 2.58 2.60





#13

Acrolein

Concen: 0.294 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN054929.D

Acq: 3 Apr 2019 16:53

Instrument :

MSVOA_N

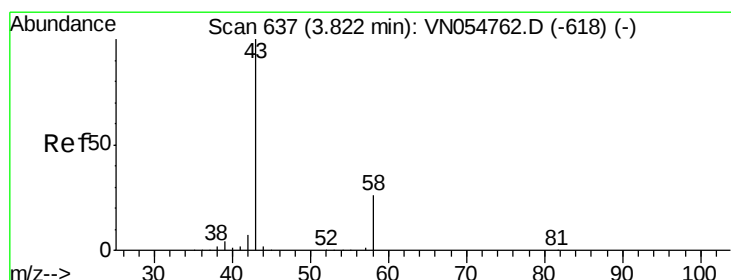
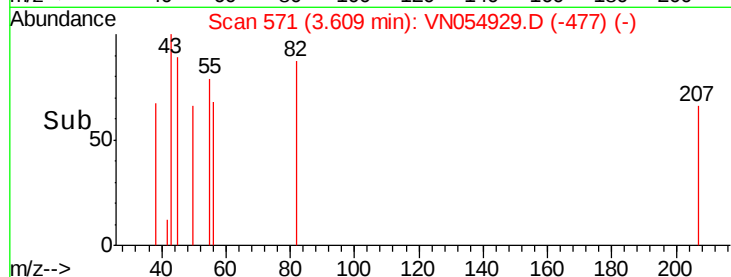
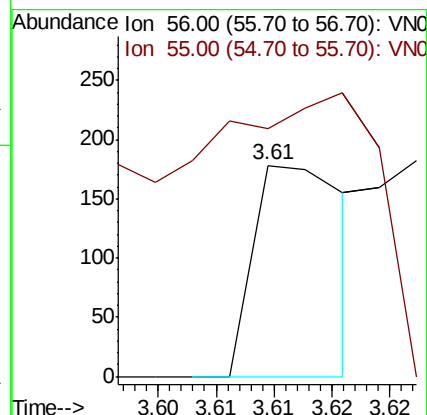
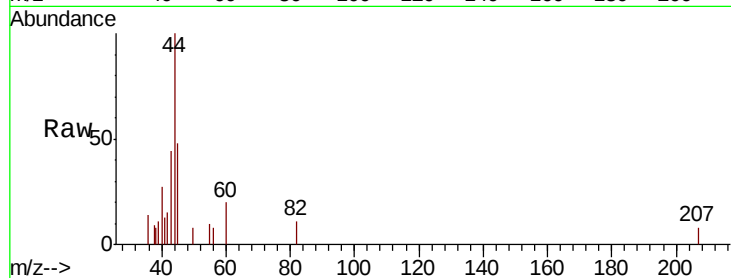
ClientSampled :

Tot Ion: 56 Resp: 98

Ion Ratio Lower Upper

56 100

55 350.0 56.7 85.1#



#16

Acetone

Concen: 11.750 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN054929.D

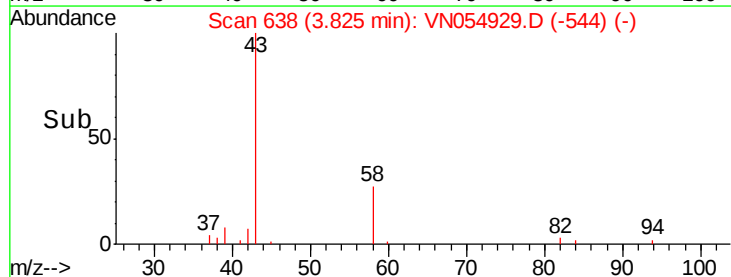
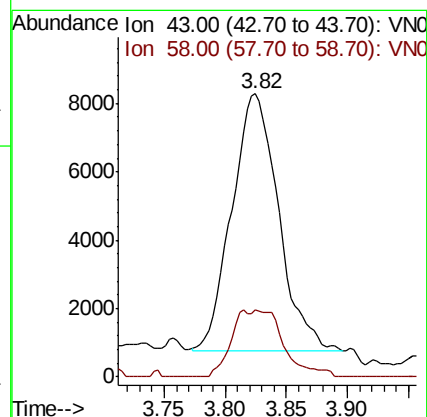
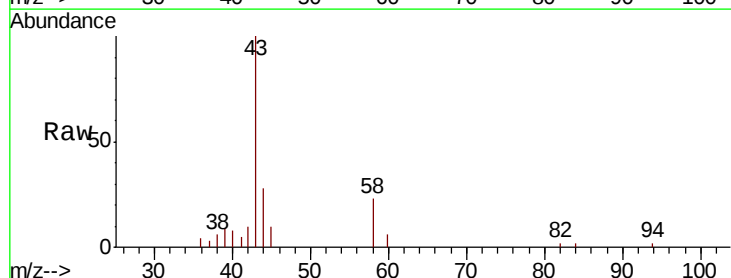
Acq: 3 Apr 2019 16:53

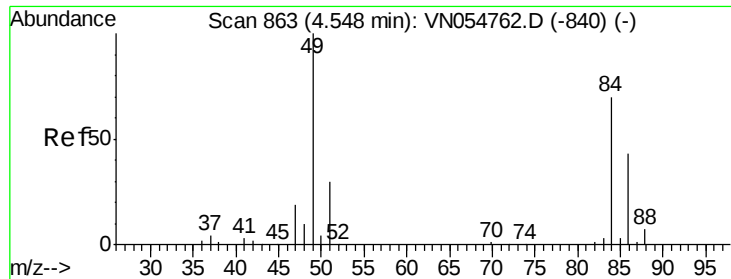
Tgt Ion: 43 Resp: 20046

Ion Ratio Lower Upper

43 100

58 25.8 29.9 44.9#

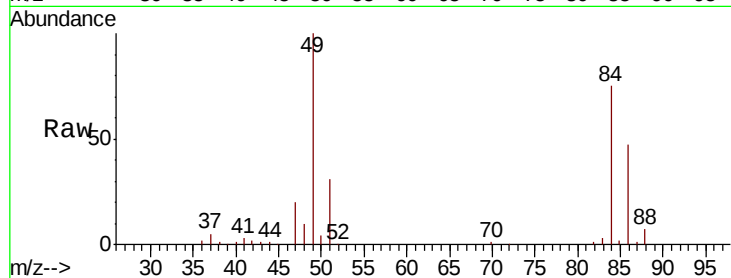




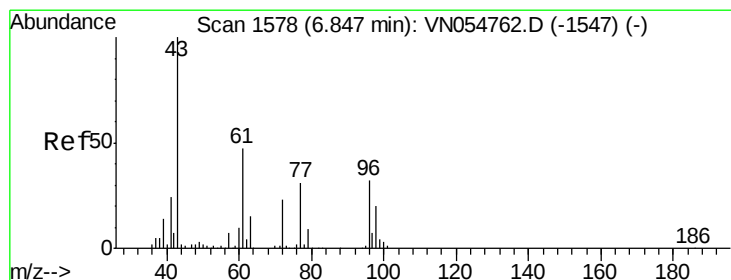
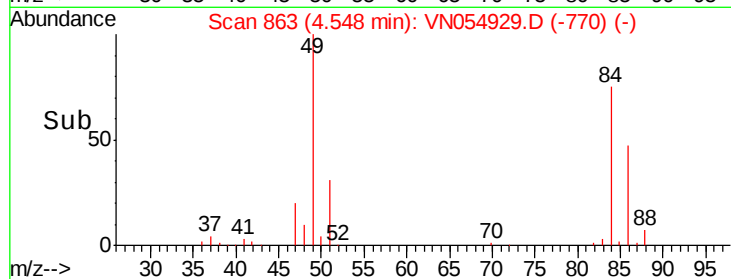
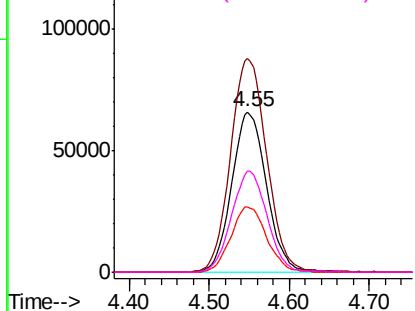
#20
Methvlene Chloride
Concen: 32.374 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054929.D
Acq: 3 Apr 2019 16:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 84 Resp: 194822
Ion Ratio Lower Upper
84 100
49 133.4 89.7 134.5
51 41.0 28.2 42.4
86 63.3 50.8 76.2

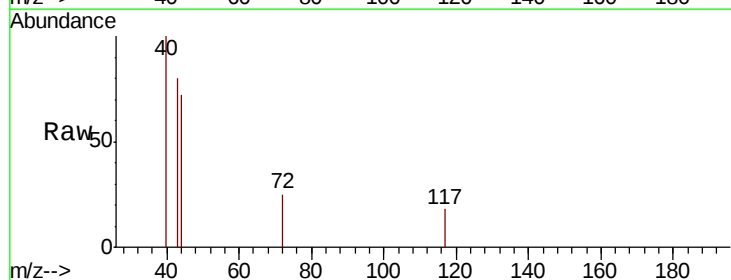


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

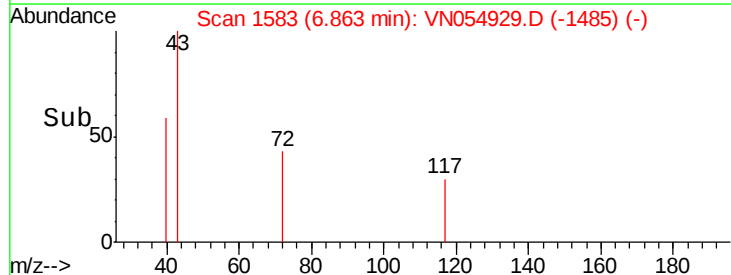
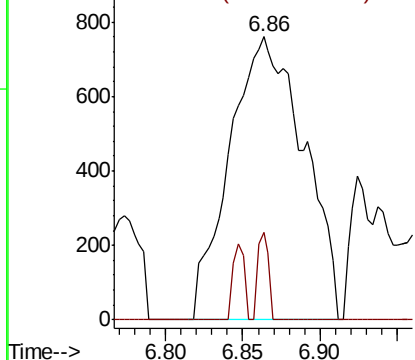


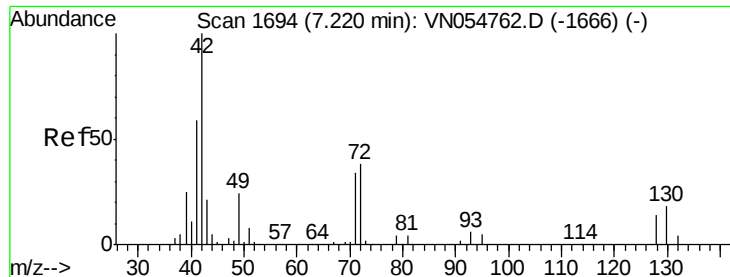
#25
2-Butanone
Concen: 1.007 ug/l
RT: 6.86 min Scan# 1583
Delta R.T. 0.02 min
Lab File: VN054929.D
Acq: 3 Apr 2019 16:53

Tgt Ion: 43 Resp: 2539
Ion Ratio Lower Upper
43 100
72 31.0 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 0.969 ug/l

RT: 7.23 min Scan# 1698

Delta R.T. 0.01 min

Lab File: VN054929.D

Acq: 3 Apr 2019 16:53

Instrument :

MSVOA_N

ClientSampled :

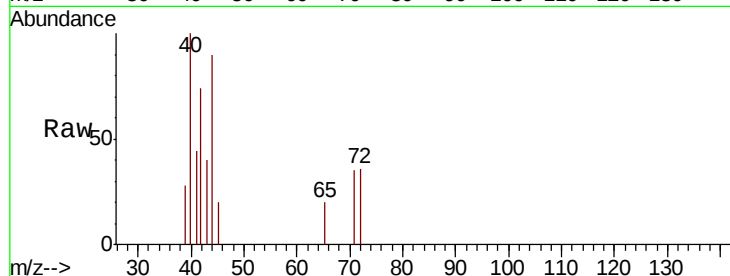
Tot Ion: 42 Resp: 1697

Ion Ratio Lower Upper

42 100

72 21.9 37.8 56.6#

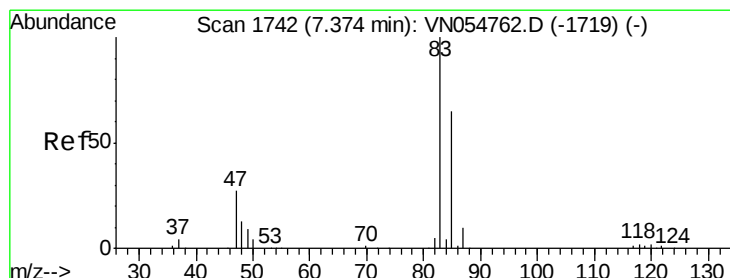
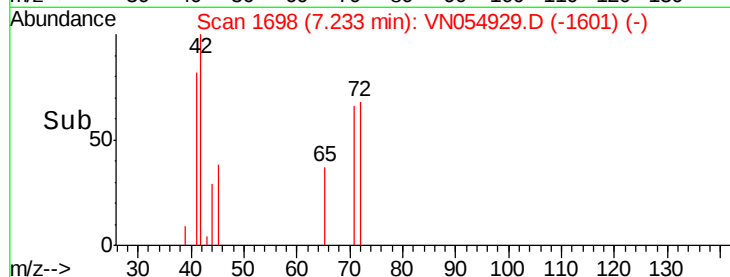
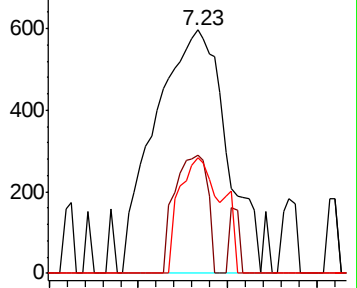
71 27.5 36.2 54.2#



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



#30

Chloroform

Concen: 0.557 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN054929.D

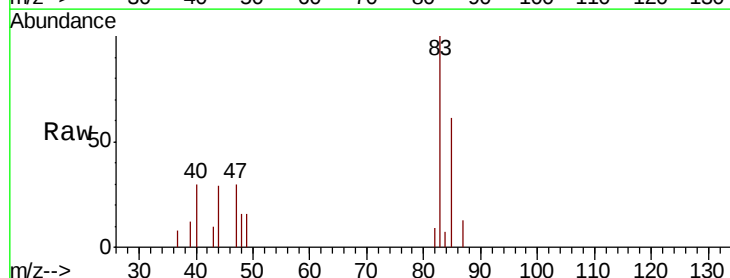
Acq: 3 Apr 2019 16:53

Tgt Ion: 83 Resp: 5759

Ion Ratio Lower Upper

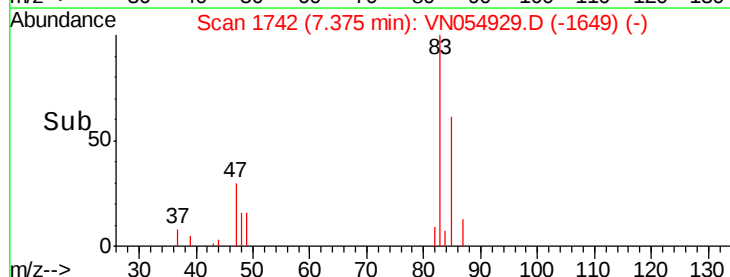
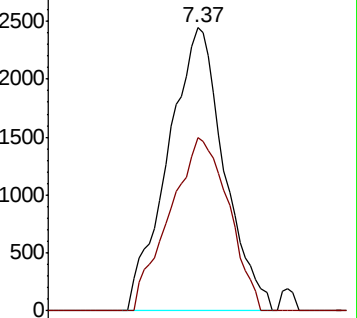
83 100

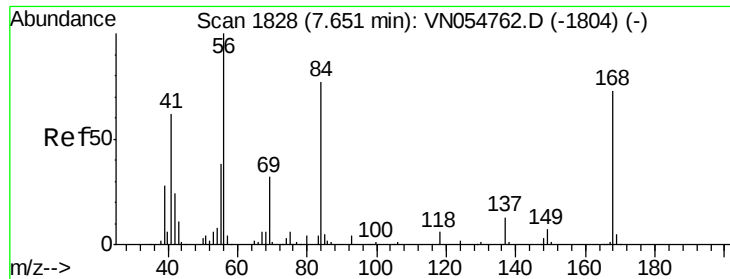
85 61.1 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

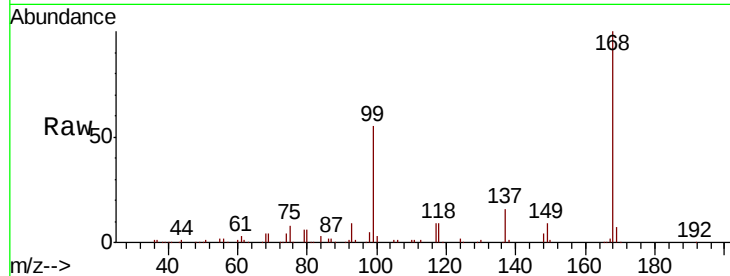




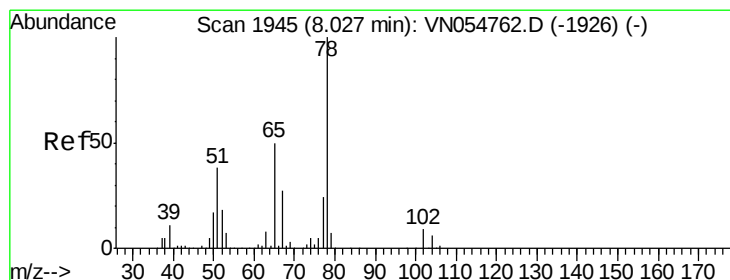
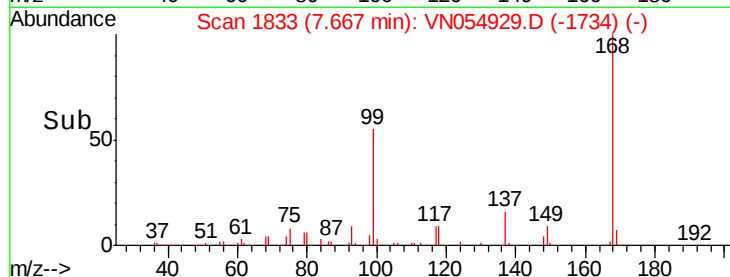
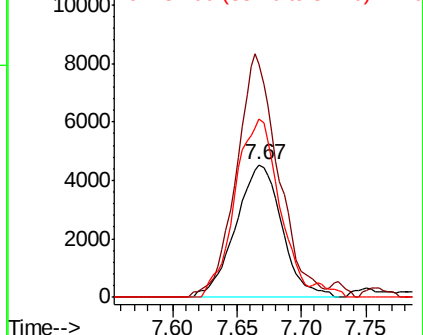
#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN054929.D
Acq: 3 Apr 2019 16:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 11292
Ion Ratio Lower Upper
56 100
69 176.7 27.8 41.6#
84 134.8 74.6 111.8#

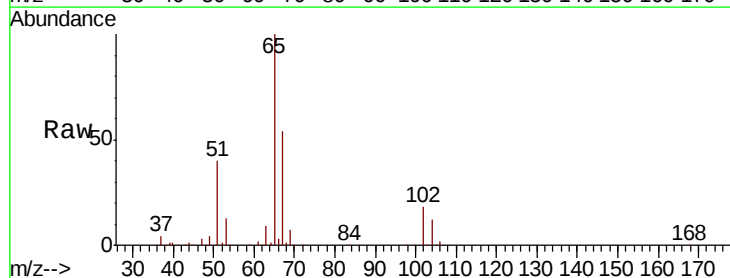


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

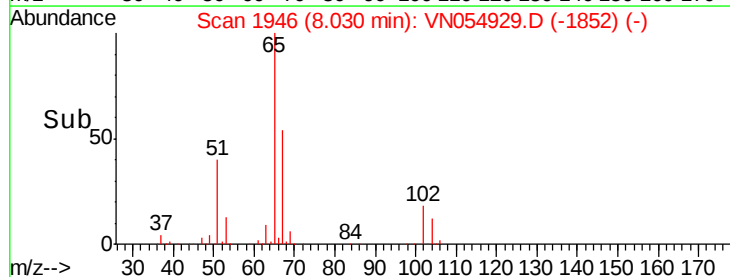
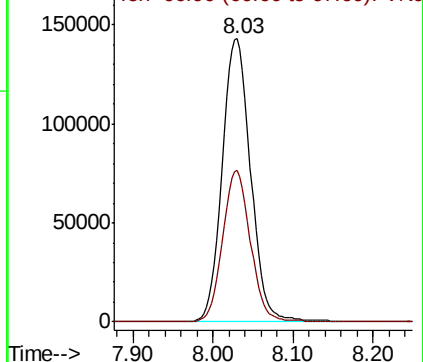


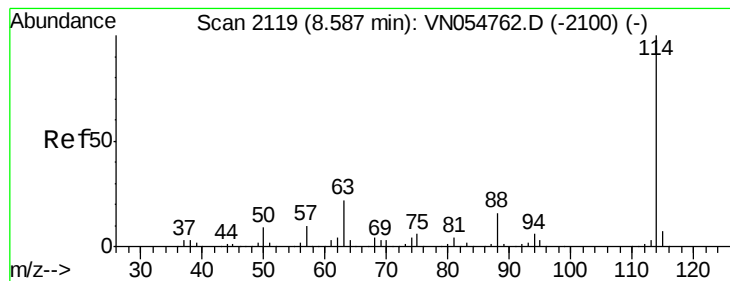
#33
1,2-Dichloroethane-d4
Concen: 48.714 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054929.D
Acq: 3 Apr 2019 16:53

Tgt Ion: 65 Resp: 348517
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.6



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: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054929.D

Acq: 3 Apr 2019 16:53

Instrument :

MSVOA_N

ClientSampled :

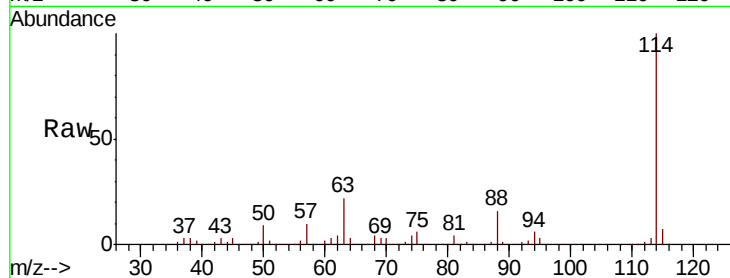
Tot Ion:114 Resp: 872409

Ion Ratio Lower Upper

114 100

63 22.3 0.0 35.2

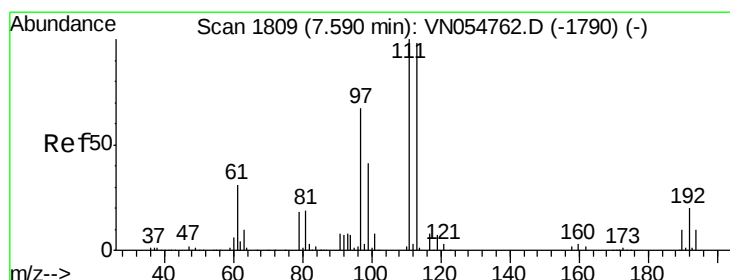
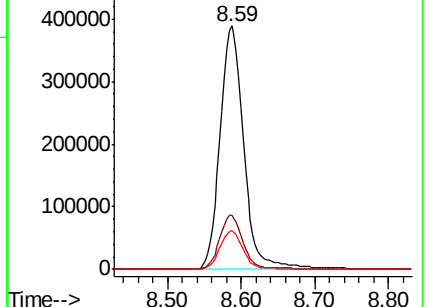
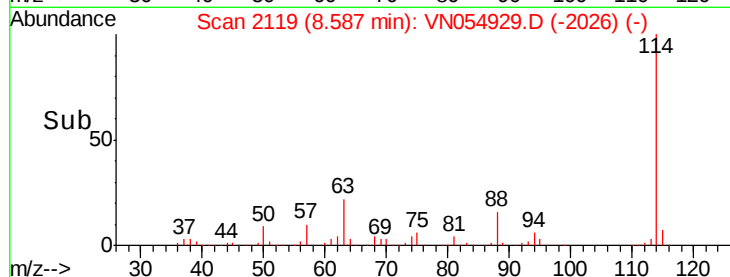
88 16.0 0.0 30.2



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: 47.571 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054929.D

Acq: 3 Apr 2019 16:53

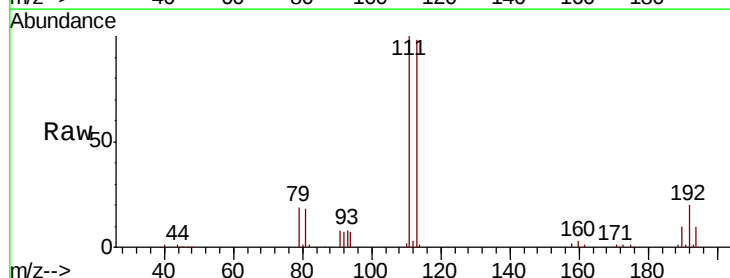
Tgt Ion:113 Resp: 276684

Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

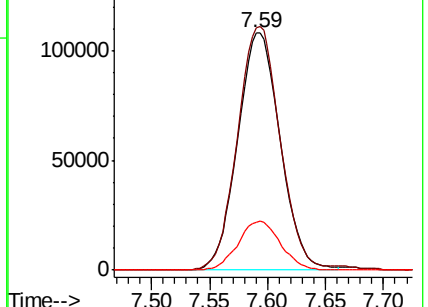
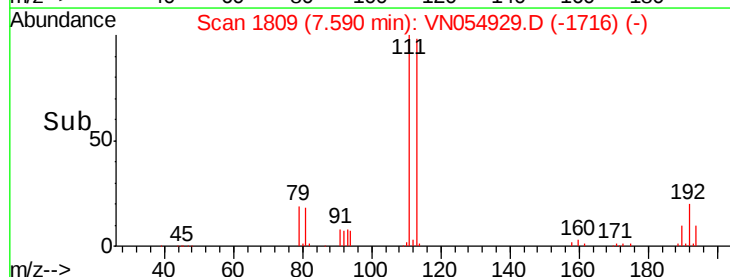
192 20.7 19.2 28.8

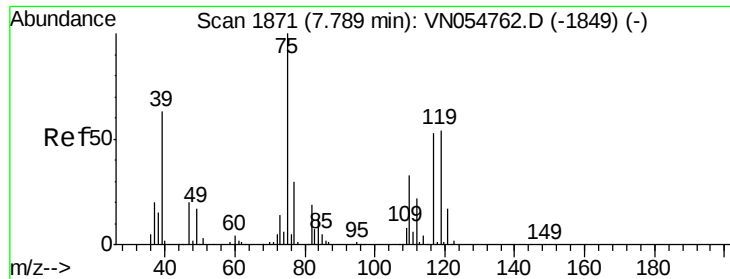


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

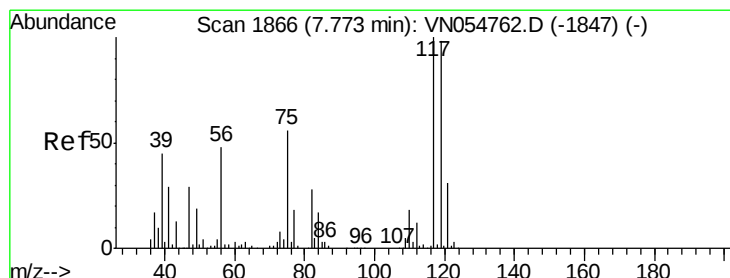
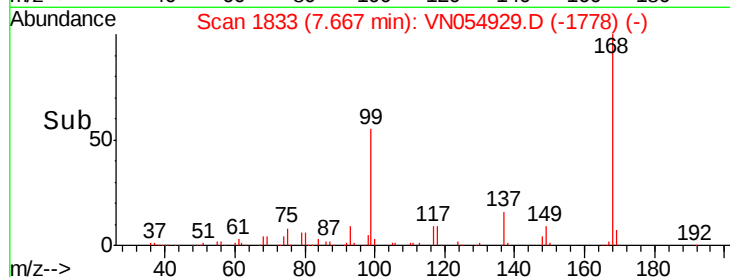
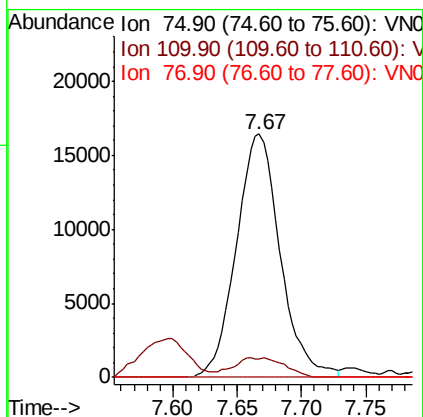
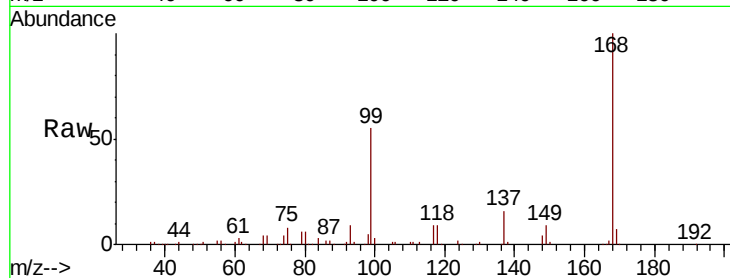




#36
 1,1-Dichloropropene
 Concen: 4.786 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN054929.D
 Acq: 3 Apr 2019 16:53

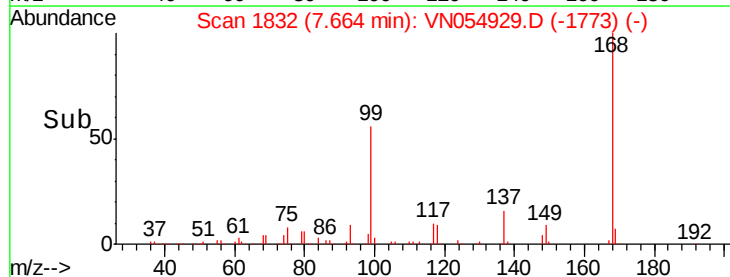
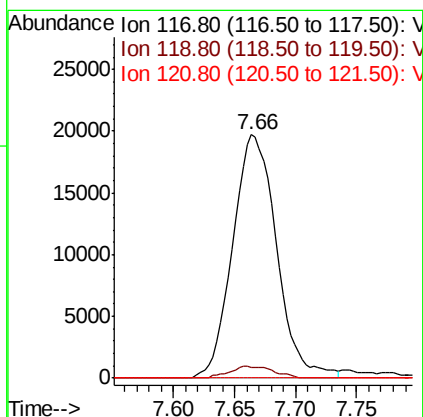
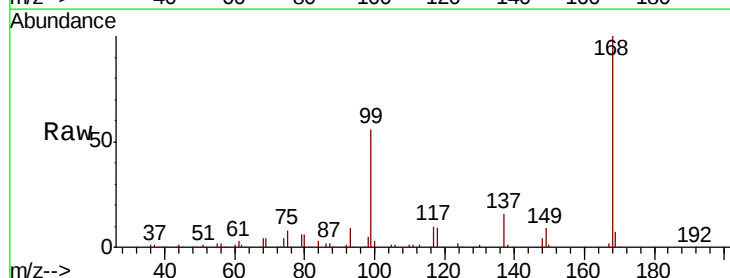
Instrument :
 MSVOA_N
 ClientSampleId :

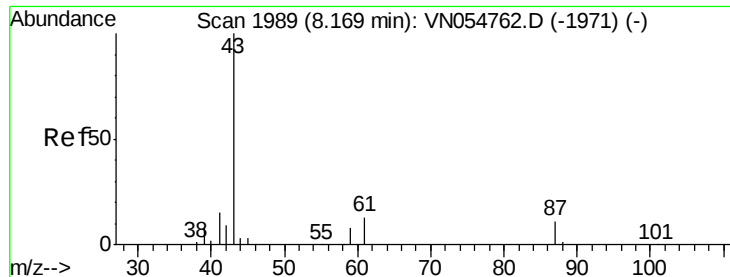
Tot Ion: 75 Resp: 38906
 Ion Ratio Lower Upper
 75 100
 110 9.4 19.1 57.5#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.232 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN054929.D
 Acq: 3 Apr 2019 16:53

Tgt Ion: 117 Resp: 49202
 Ion Ratio Lower Upper
 117 100
 119 4.3 76.3 114.5#
 121 0.0 24.6 36.8#





#43

Isopropyl Acetate

Concen: 1.745 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054929.D

Acq: 3 Apr 2019 16:53

Instrument :

MSVOA_N

ClientSampleId :

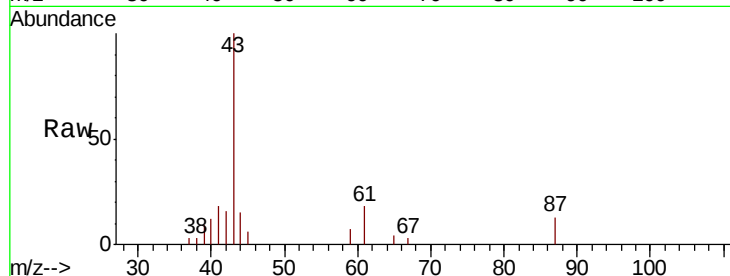
Tot Ion: 43 Resp: 16898

Ion Ratio Lower Upper

43 100

61 17.0 15.8 23.8

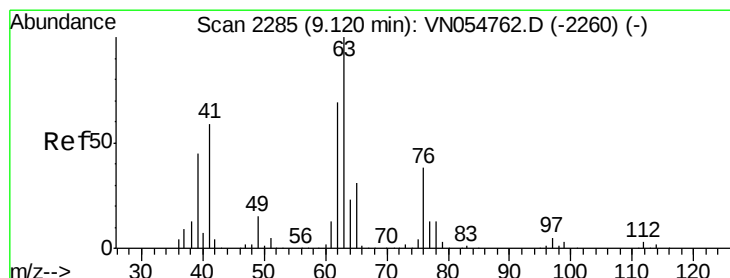
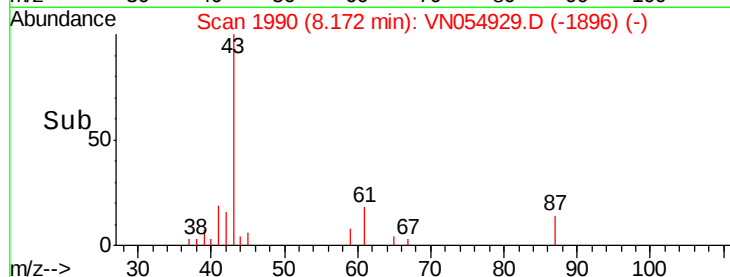
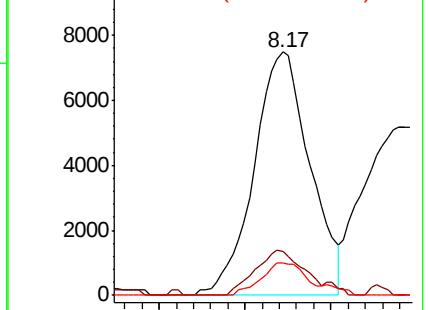
87 11.9 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.244 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN054929.D

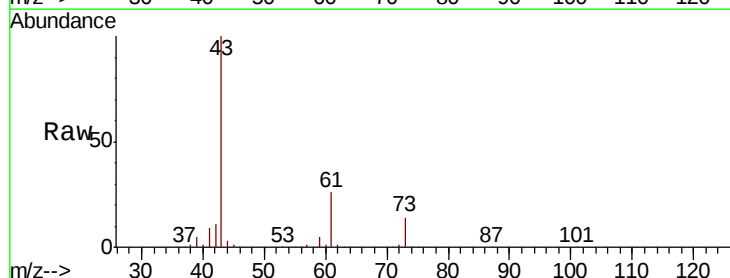
Acq: 3 Apr 2019 16:53

Tgt Ion: 63 Resp: 1617

Ion Ratio Lower Upper

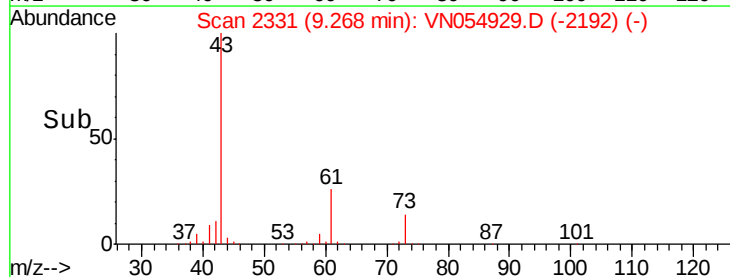
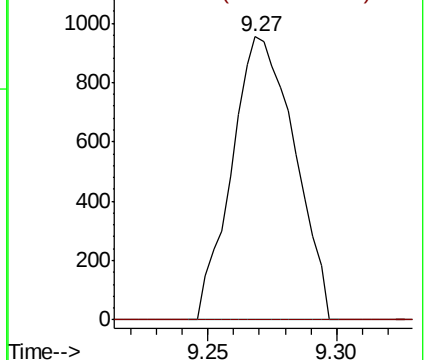
63 100

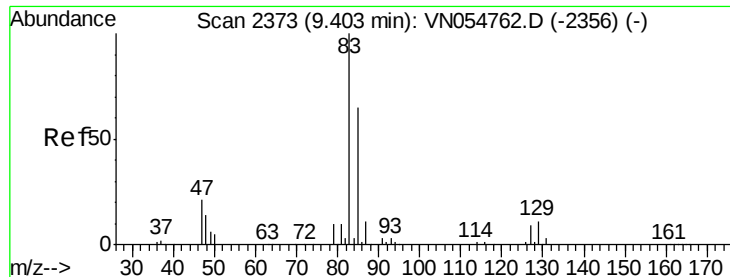
65 0.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0





#47

Bromodichloromethane

Concen: 0.213 ug/l

RT: 9.41 min Scan# 2374

Delta R.T. 0.00 min

Lab File: VN054929.D

Acq: 3 Apr 2019 16:53

Instrument :

MSVOA_N

ClientSampleId :

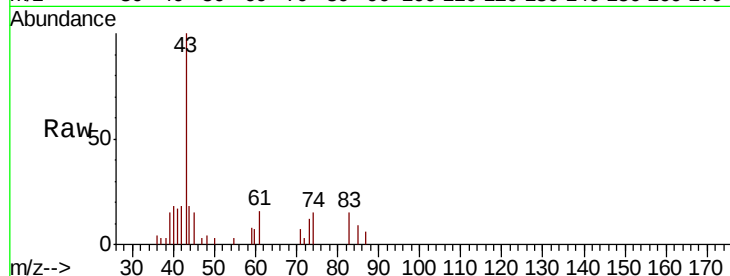
Tot Ion: 83 Resp: 1648

Ion Ratio Lower Upper

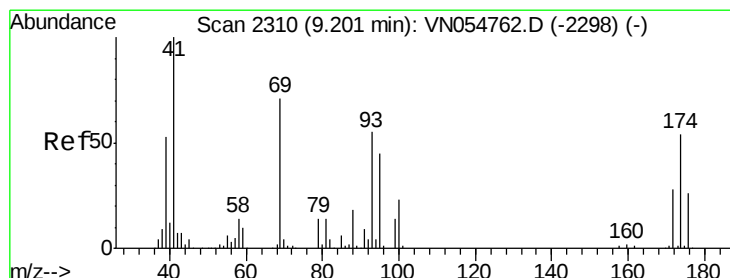
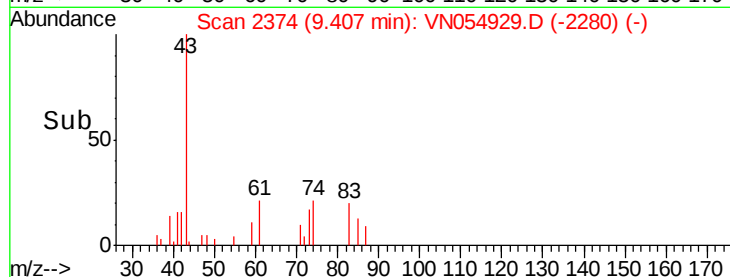
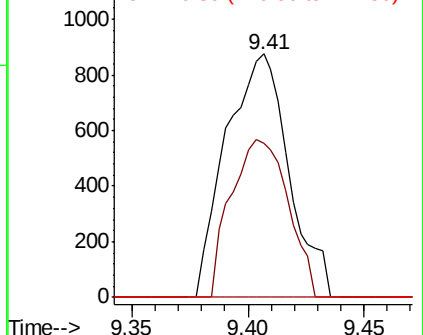
83 100

85 63.4 52.8 79.2

127 0.0 7.4 11.2#



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 1.594 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN054929.D

Acq: 3 Apr 2019 16:53

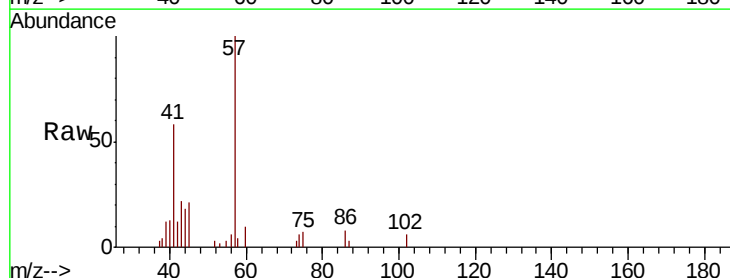
Tgt Ion: 41 Resp: 8368

Ion Ratio Lower Upper

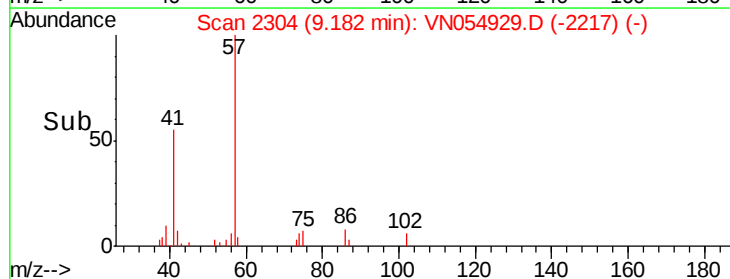
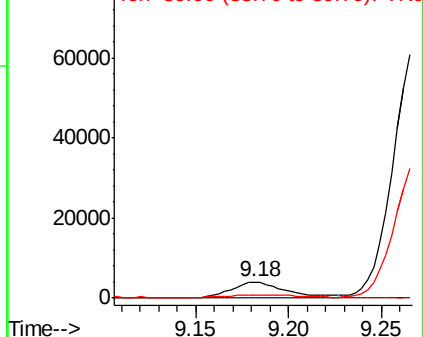
41 100

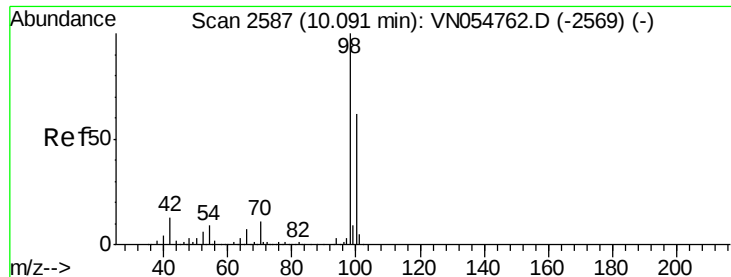
69 0.0 72.6 108.8#

39 0.0 47.5 71.3#



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





#50

Toluene-d8

Concen: 48.360 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054929.D

Acq: 3 Apr 2019 16:53

Instrument :

MSVOA_N

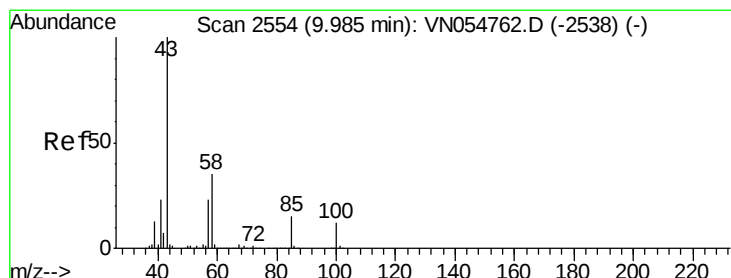
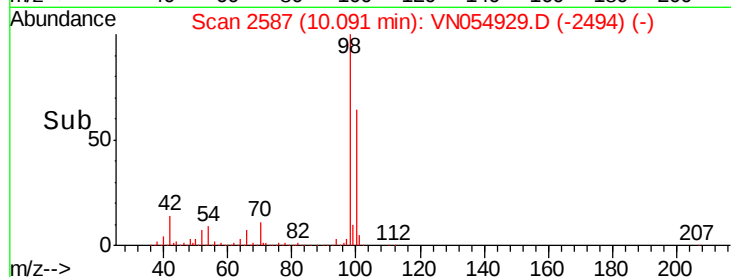
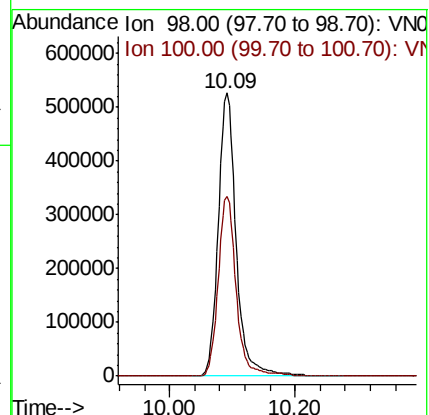
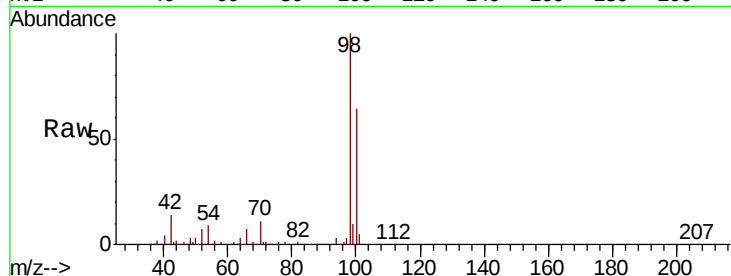
ClientSampled :

Tot Ion: 98 Resp: 1045722

Ion Ratio Lower Upper

98 100

100 63.7 51.2 76.8



#51

4-Methyl-2-Pentanone

Concen: 1.617 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN054929.D

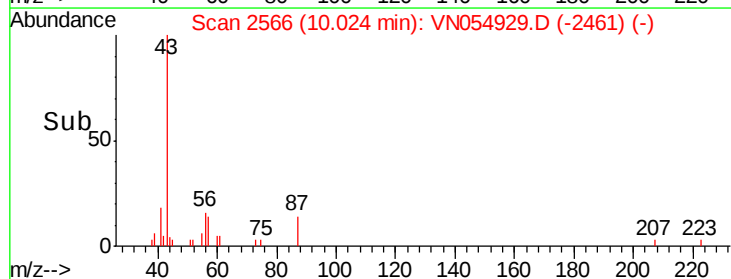
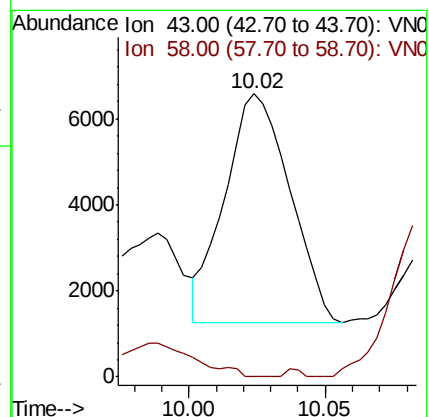
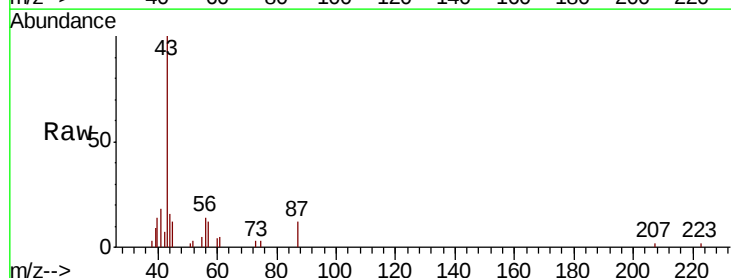
Acq: 3 Apr 2019 16:53

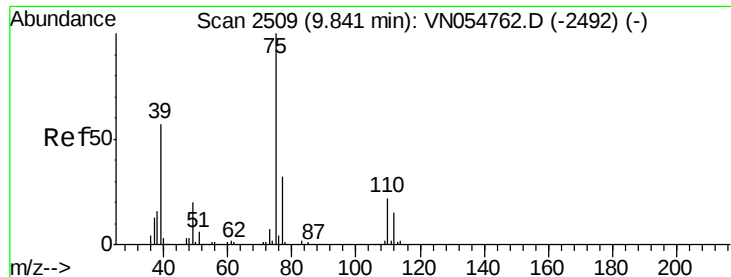
Tgt Ion: 43 Resp: 8807

Ion Ratio Lower Upper

43 100

58 0.0 31.8 47.6#



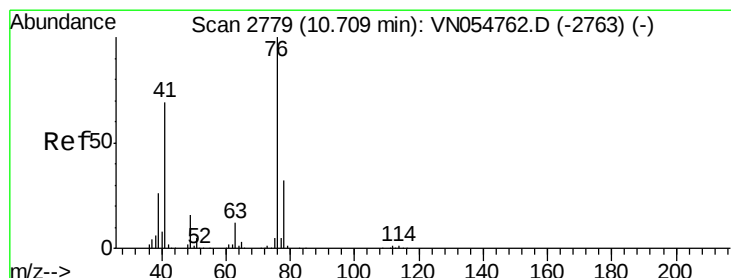
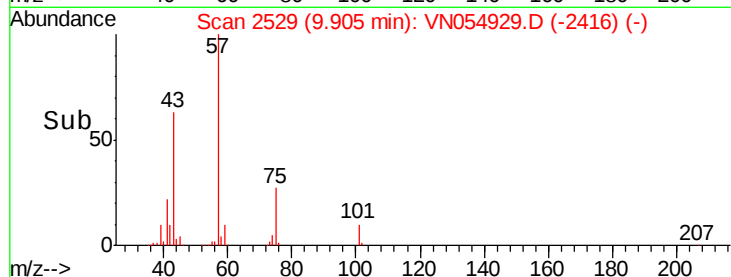
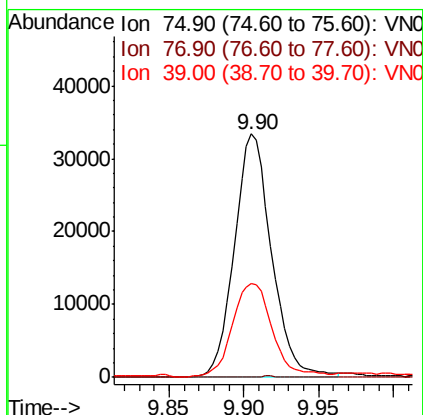
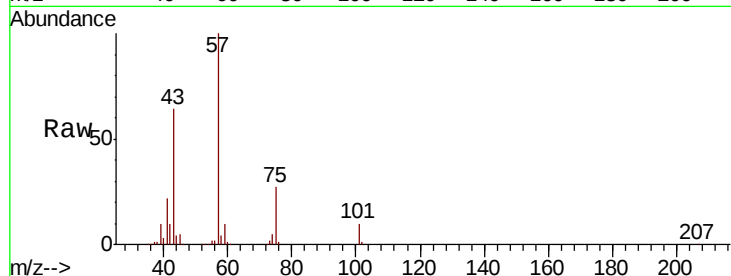


#54

cis-1,3-Dichloropropene
 Concen: 6.645 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.06 min
 Lab File: VN054929.D
 Acq: 3 Apr 2019 16:53

Instrument :
 MSVOA_N
 ClientSampleId :

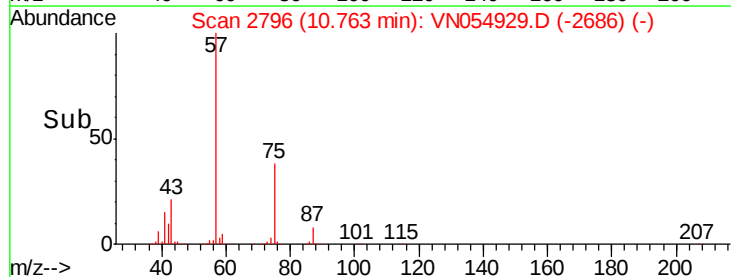
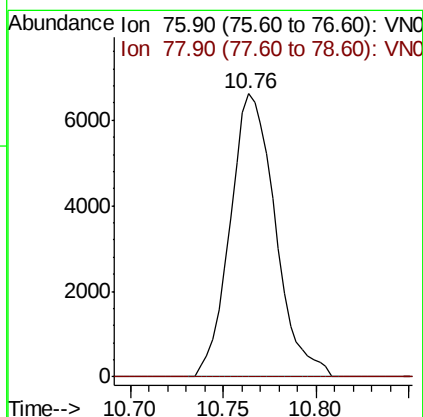
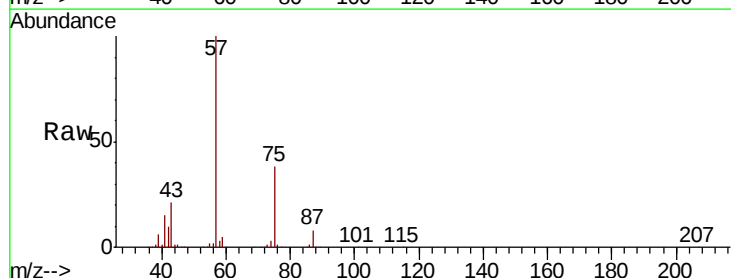
Tot Ion: 75 Resp: 57903
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.0#
 39 38.4 37.2 55.8

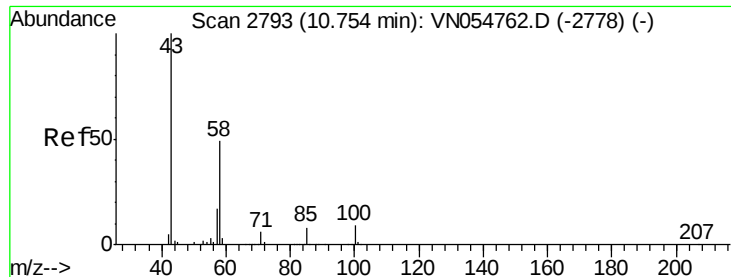


#57

1,3-Dichloropropane
 Concen: 1.268 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.05 min
 Lab File: VN054929.D
 Acq: 3 Apr 2019 16:53

Tgt Ion: 76 Resp: 11219
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#





#59

2-Hexanone

Concen: 50.296 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN054929.D

Acq: 3 Apr 2019 16:53

Instrument :

MSVOA_N

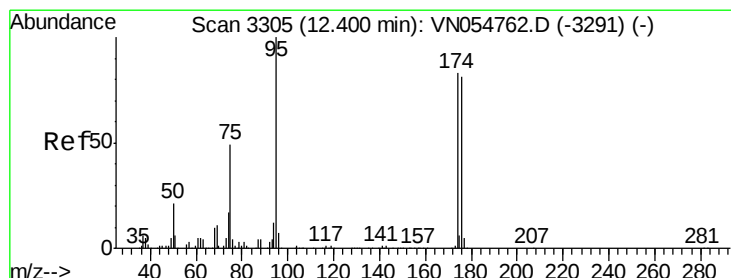
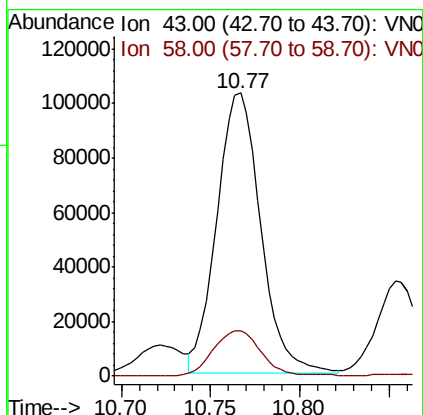
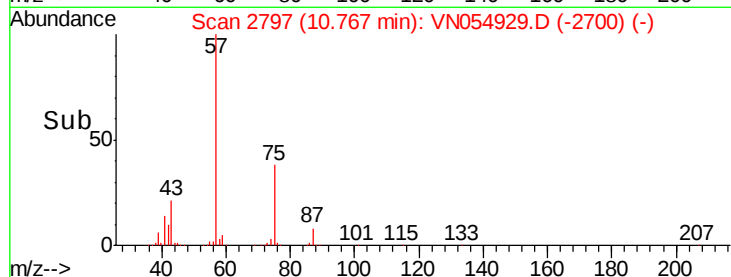
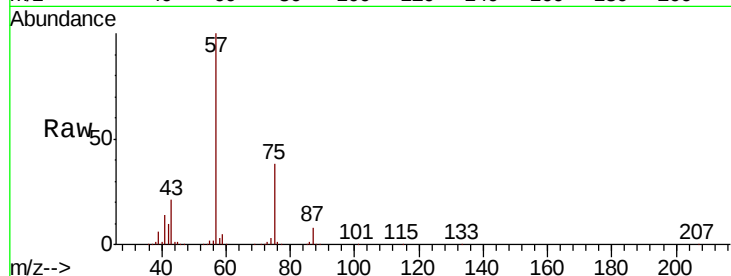
ClientSampleId :

Tot Ion: 43 Resp: 175345

Ion Ratio Lower Upper

43 100

58 18.0 28.0 83.9#



#62

4-Bromofluorobenzene

Concen: 44.257 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054929.D

Acq: 3 Apr 2019 16:53

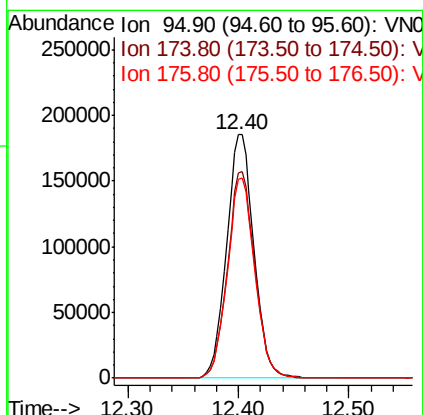
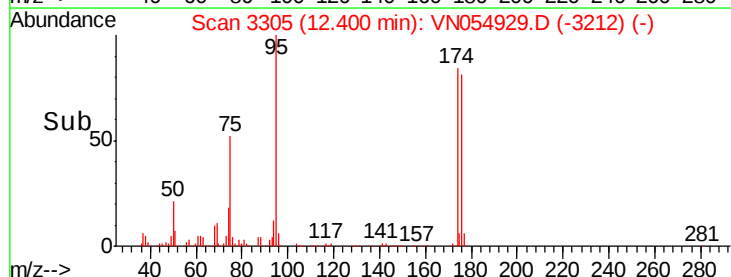
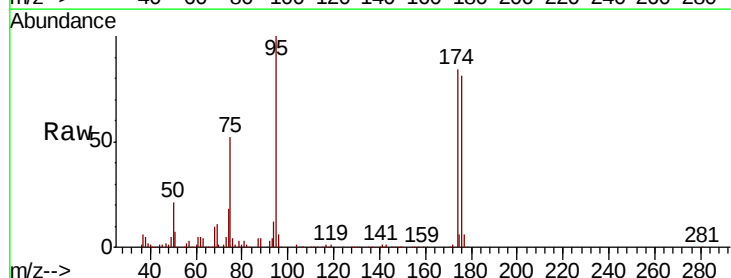
Tgt Ion: 95 Resp: 318277

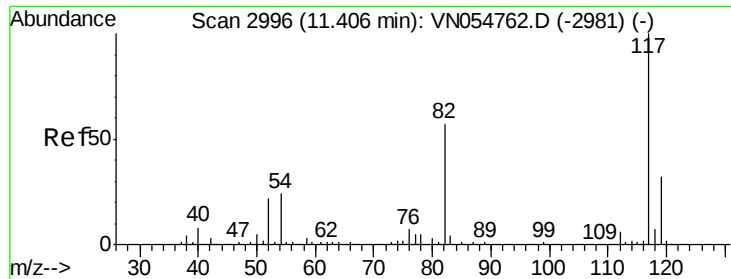
Ion Ratio Lower Upper

95 100

174 84.7 0.0 191.0

176 82.4 0.0 187.4

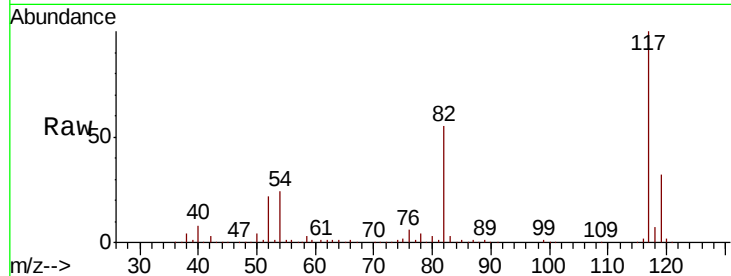




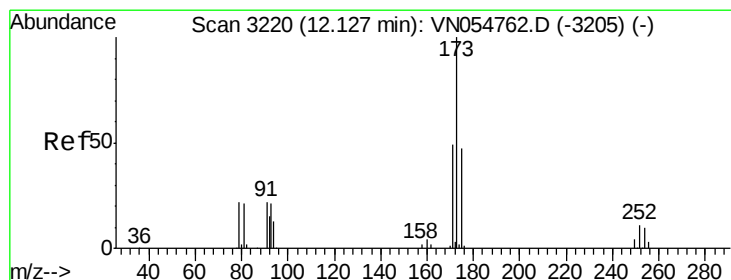
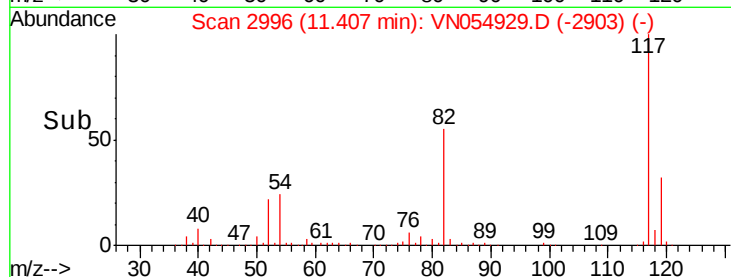
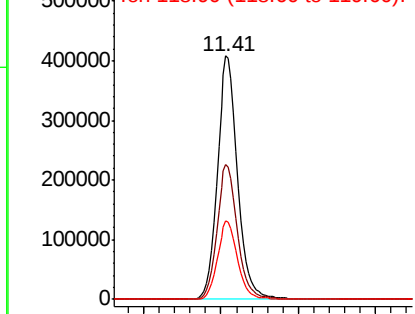
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054929.D
Acq: 3 Apr 2019 16:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 746761
Ion Ratio Lower Upper
117 100
82 55.4 40.0 60.0
119 32.1 25.8 38.6

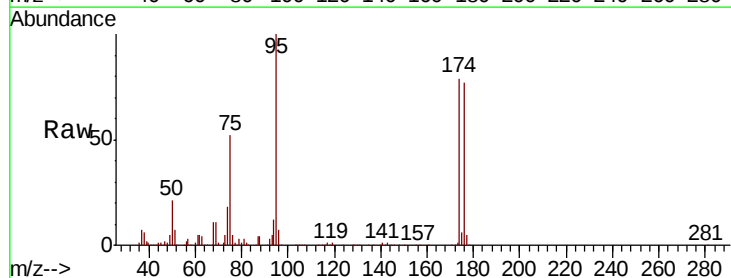


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

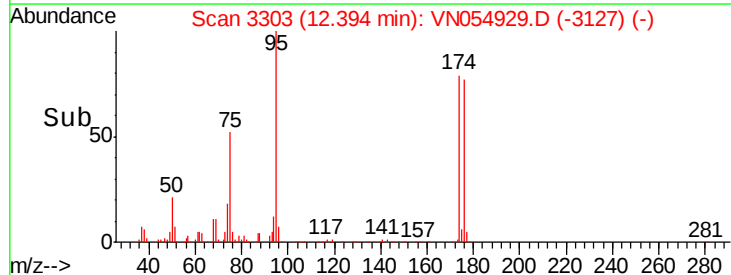
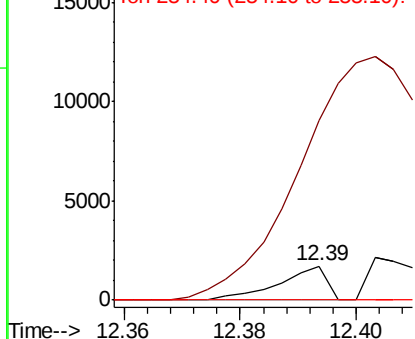


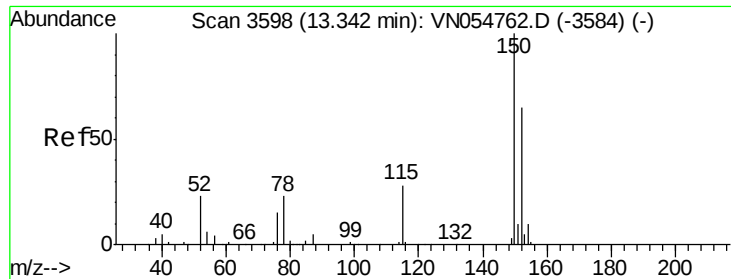
#71
Bromoform
Concen: 0.301 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. 0.27 min
Lab File: VN054929.D
Acq: 3 Apr 2019 16:53

Tgt Ion:173 Resp: 966
Ion Ratio Lower Upper
173 100
175 0.0 24.4 73.2#
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: VN054929.D

Acq: 3 Apr 2019 16:53

Instrument :

MSVOA_N

ClientSampleId :

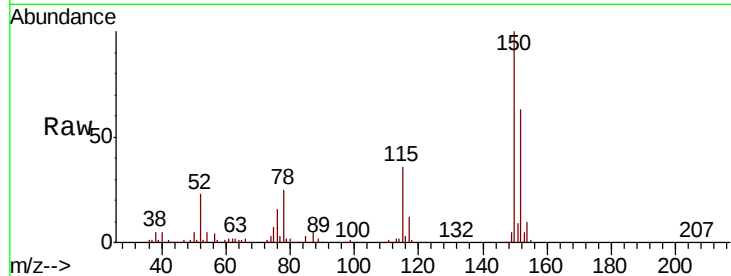
Tot Ion:152 Resp: 269565

Ion Ratio Lower Upper

152 100

115 57.7 27.2 81.6

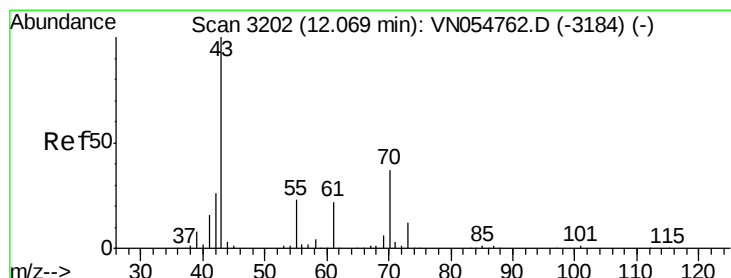
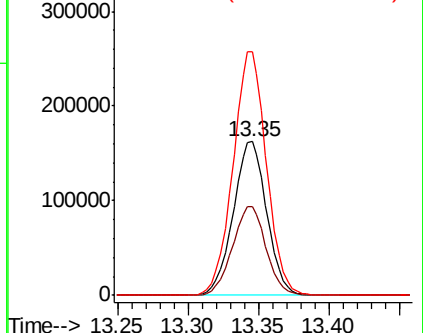
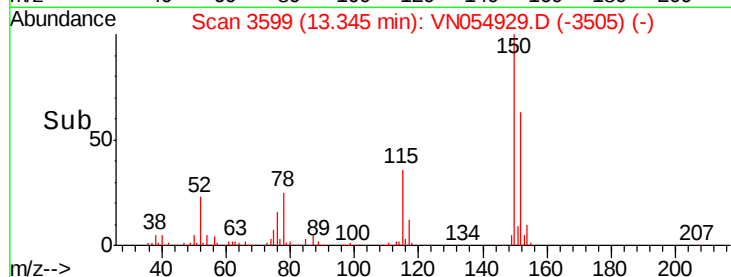
150 158.1 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 2.638 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN054929.D

Acq: 3 Apr 2019 16:53

Tgt Ion: 43 Resp: 18109

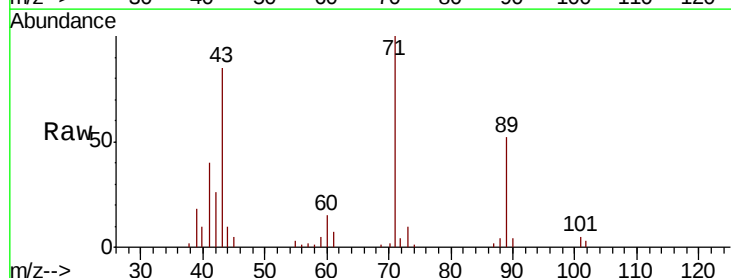
Ion Ratio Lower Upper

43 100

70 1.9 35.4 53.0#

55 4.2 19.8 29.6#

61 10.1 19.8 29.6#

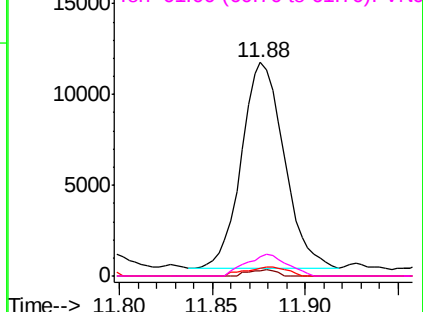
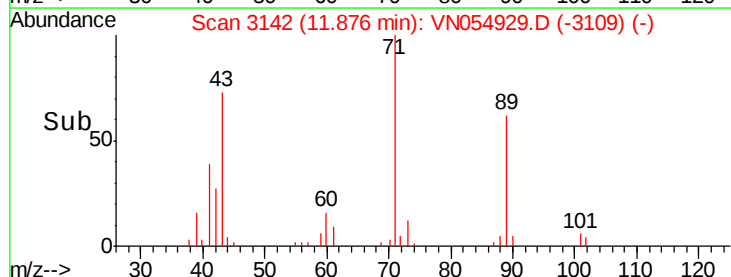


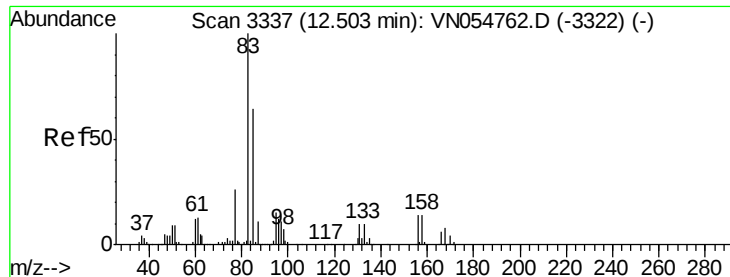
Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 70.00 (69.70 to 70.70): VNC

Ion 55.00 (54.70 to 55.70): VNC

Ion 61.00 (60.70 to 61.70): VNC





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3304

Delta R.T. -0.11 min

Lab File: VN054929.D

Acq: 3 Apr 2019 16:53

Instrument :

MSVOA_N

ClientSampled :

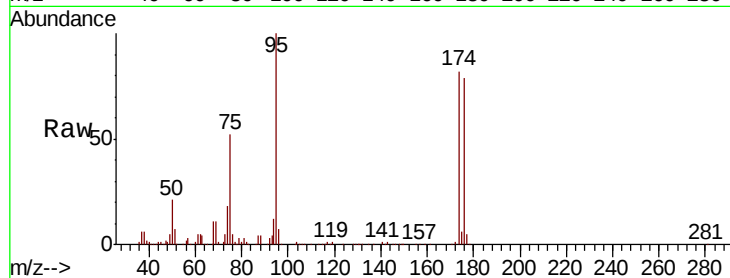
Tot Ion: 83 Resp: 244

Ion Ratio Lower Upper

83 100

131 113.9 5.8 17.4#

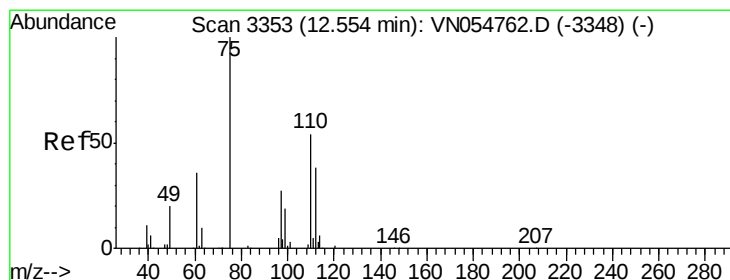
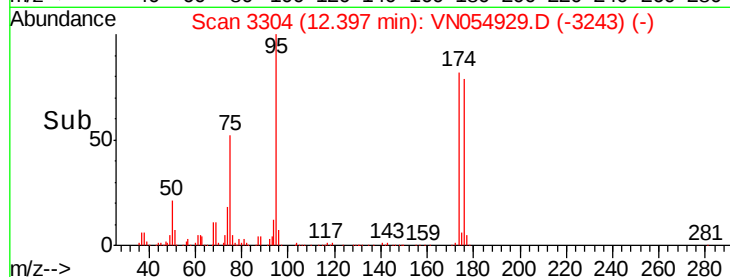
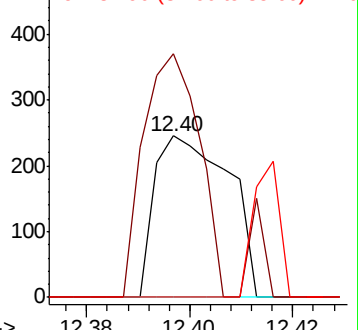
85 0.0 32.2 96.6#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 35.612 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054929.D

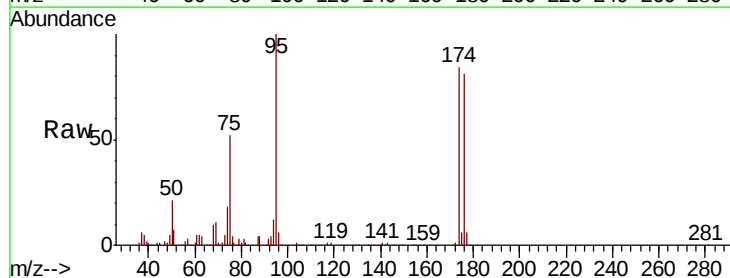
Acq: 3 Apr 2019 16:53

Tgt Ion: 75 Resp: 166770

Ion Ratio Lower Upper

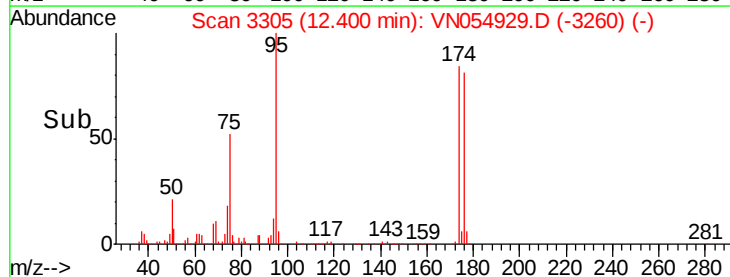
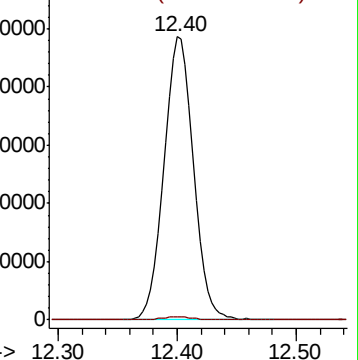
75 100

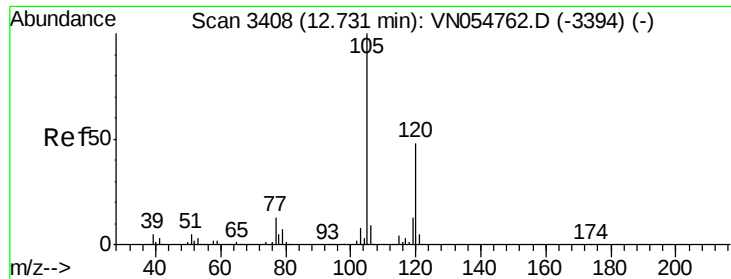
77 1.1 0.0 0.0#



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: 0.331 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054929.D

Acq: 3 Apr 2019 16:53

Instrument :

MSVOA_N

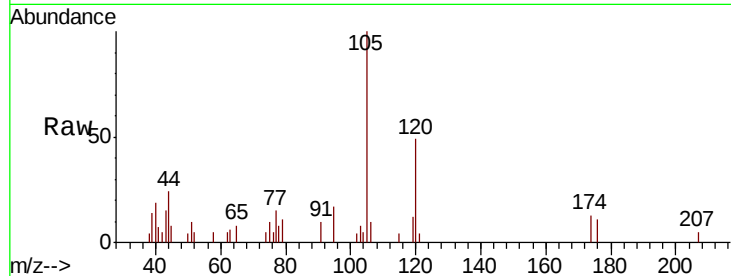
ClientSampled :

Tot Ion:105 Resp: 5987

Ion Ratio Lower Upper

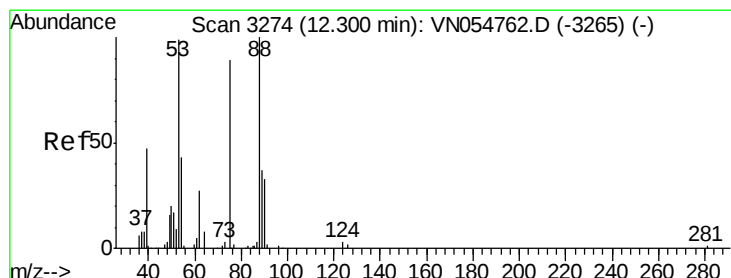
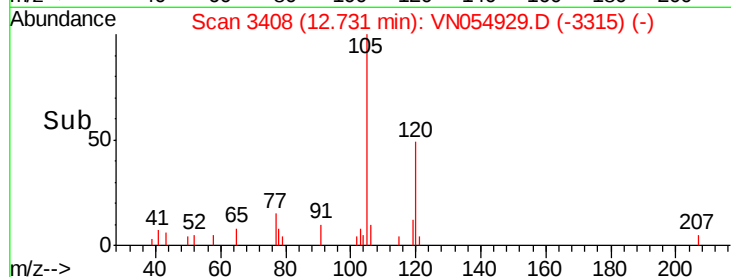
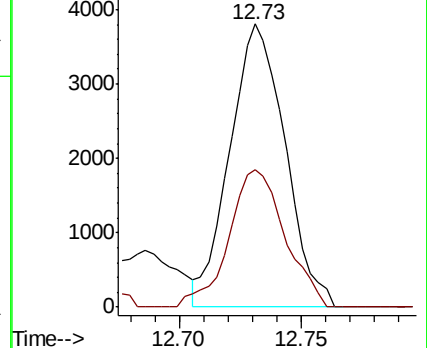
105 100

120 49.2 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 138.522 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054929.D

Acq: 3 Apr 2019 16:53

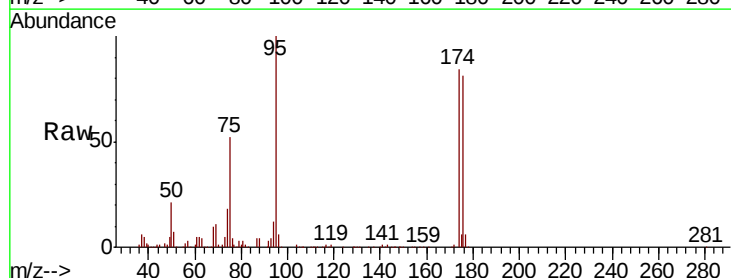
Tgt Ion: 75 Resp: 166770

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

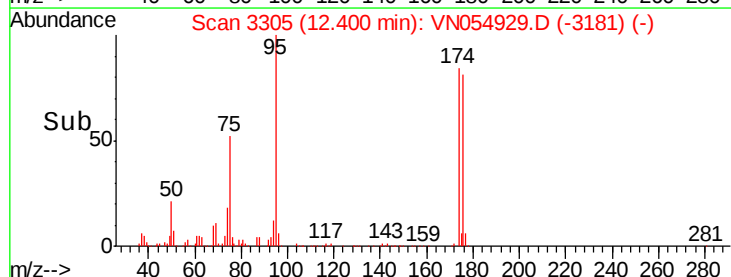
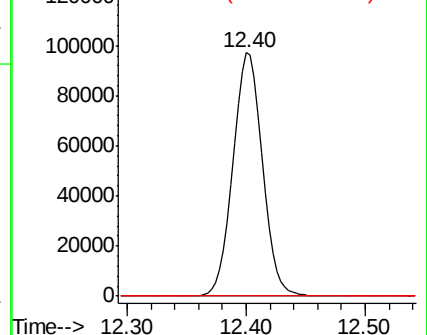
89 0.0 39.2 58.8#

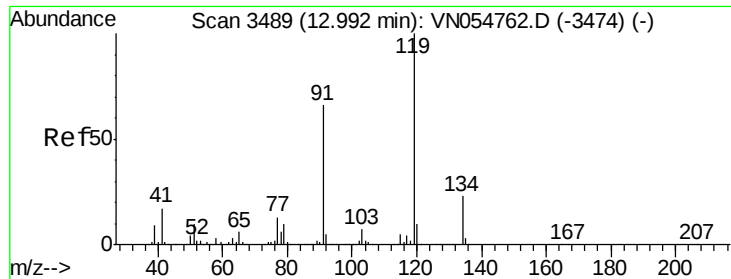


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

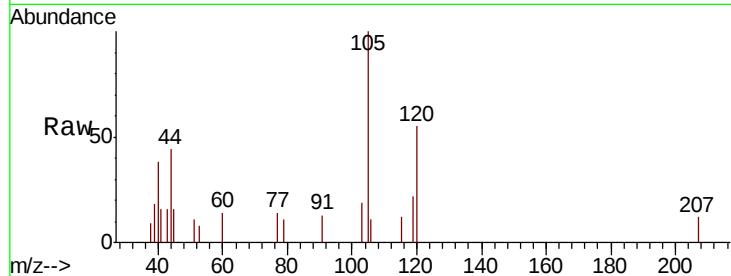




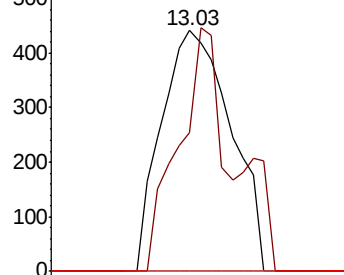
#83
tert-Butylbenzene
Concen: Below Cal
RT: 13.03 min Scan# 3502
Delta R.T. 0.04 min
Lab File: VN054929.D
Acq: 3 Apr 2019 16:53

Instrument :
MSVOA_N
ClientSampleId :

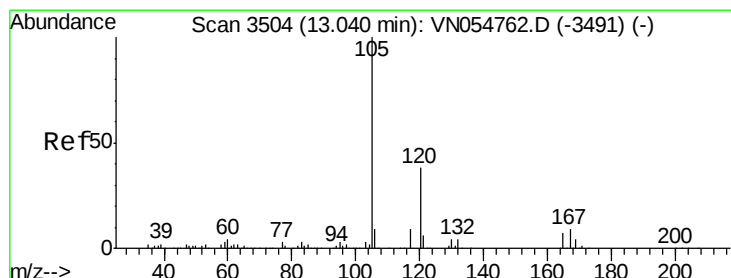
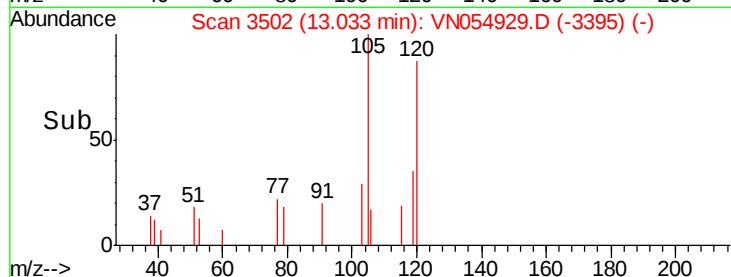
Tot Ion:119 Resp: 646
Ion Ratio Lower Upper
119 100
91 61.8 30.9 92.8
134 0.0 13.2 39.6#



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

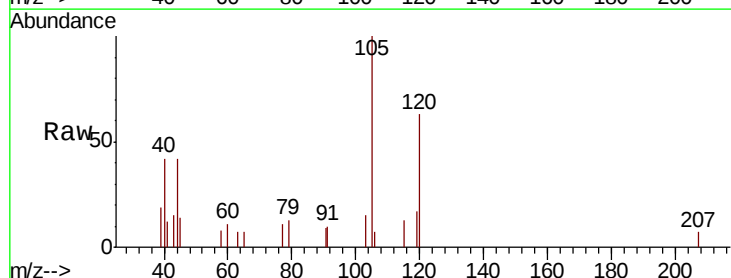


Time--> 13.00 13.05

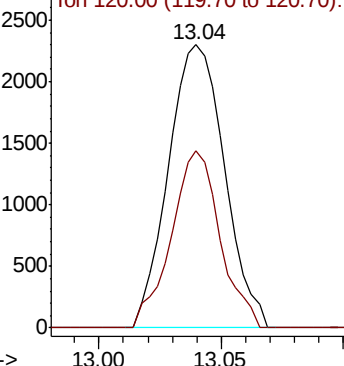


#84
1,2,4-Trimethylbenzene
Concen: 0.213 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN054929.D
Acq: 3 Apr 2019 16:53

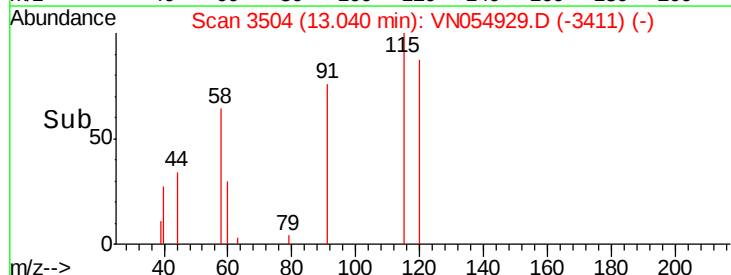
Tgt Ion:105 Resp: 3675
Ion Ratio Lower Upper
105 100
120 54.1 23.4 70.3

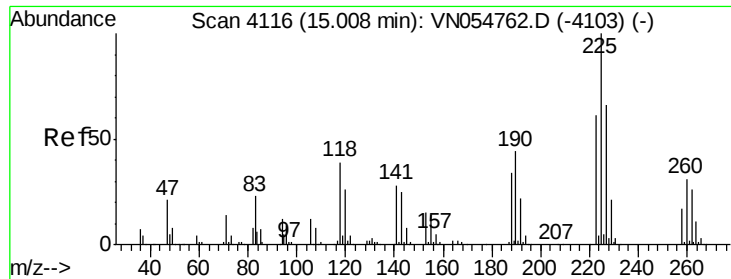


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



Time--> 13.00 13.05

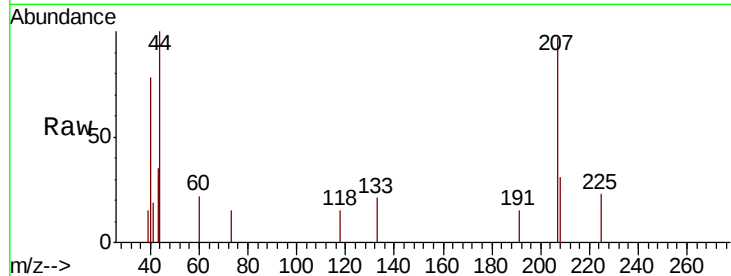




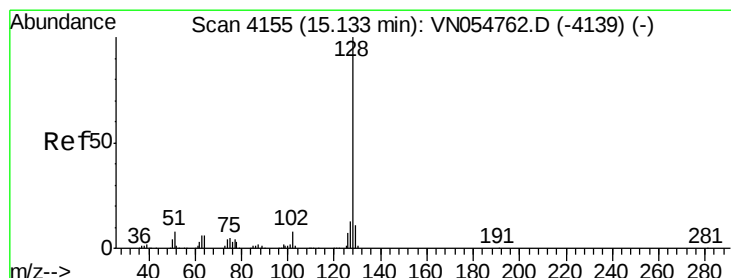
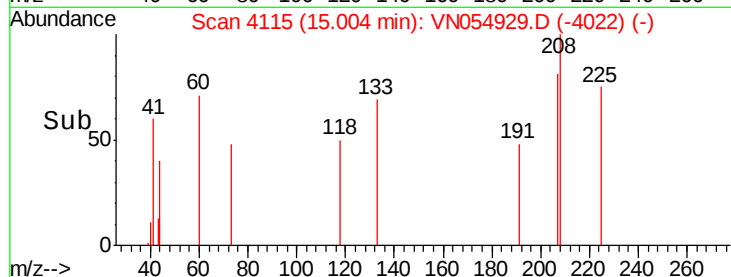
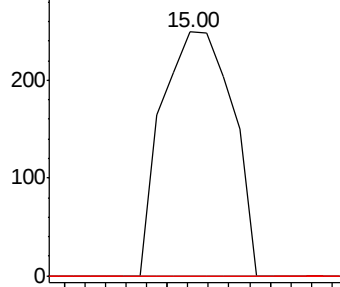
#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.00 min Scan# 4115
Delta R.T. -0.00 min
Lab File: VN054929.D
Acq: 3 Apr 2019 16:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:225 Resp: 236
Ion Ratio Lower Upper
225 100
223 0.0 31.1 93.5#
227 0.0 31.9 95.9#

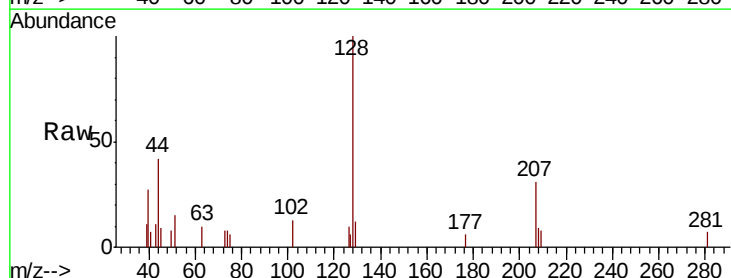


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95
Naphthalene
Concen: 0.512 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054929.D
Acq: 3 Apr 2019 16:53

Tgt Ion:128 Resp: 4970
Ion Ratio Lower Upper
128 100
127 7.7 10.1 15.1#
129 9.0 8.7 13.1



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

