

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032819\
 Data File : VN054750.D
 Acq On : 28 Mar 2019 17:44
 Operator : JC/SP
 Sample : K2107-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Mar 29 05:05:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	538600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	883459	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	764068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	290152	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	352577	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	
35) Dibromofluoromethane	7.59	113	272860	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
50) Toluene-d8	10.09	98	1061421	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
62) 4-Bromofluorobenzene	12.40	95	340144	46.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.44%	

Target Compounds

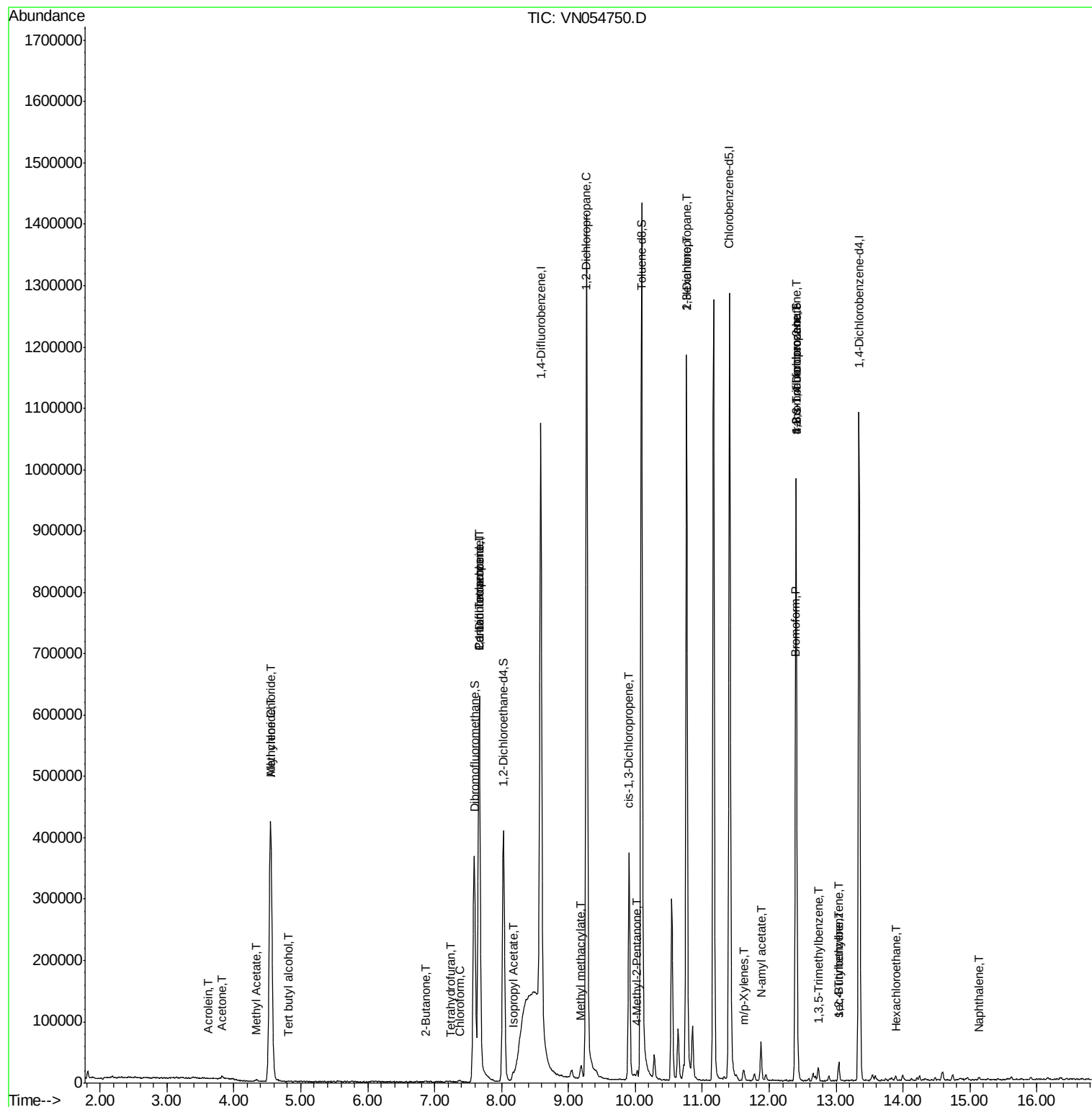
						Qvalue
11) Tert butyl alcohol	4.82	59	141	0.348	ug/l #	70
13) Acrolein	3.61	56	146	0.261	ug/l	98
14) Allyl chloride	4.55	41	14447	1.477	ug/l #	23
16) Acetone	3.82	43	7585	3.766	ug/l #	81
18) Methyl Acetate	4.35	43	5387	1.200	ug/l #	79
20) Methylene Chloride	4.55	84	292424	49.252	ug/l #	79
25) 2-Butanone	6.86	43	1280	0.496	ug/l #	46
29) Tetrahydrofuran	7.23	42	1105	0.660	ug/l #	41
30) Chloroform	7.37	83	2610	0.257	ug/l #	70
31) Cyclohexane	7.66	56	11728	Below Cal	#	14
36) 1,1-Dichloropropene	7.67	75	41167	4.984	ug/l #	42
38) Carbon Tetrachloride	7.66	117	48586	6.053	ug/l #	17
43) Isopropyl Acetate	8.17	43	17578	1.772	ug/l	95
45) 1,2-Dichloropropane	9.27	63	1824	0.288	ug/l #	43
48) Methyl methacrylate	9.18	41	8175	1.518	ug/l #	25
51) 4-Methyl-2-Pentanone	10.03	43	10565	1.921	ug/l #	36
54) cis-1,3-Dichloropropene	9.90	75	59206	6.575	ug/l #	71
57) 1,3-Dichloropropane	10.76	76	11388	1.254	ug/l #	43
59) 2-Hexanone	10.76	43	193270	53.808	ug/l #	47
68) m/p-Xylenes	11.62	106	5493	0.528	ug/l	89
71) Bromoform	12.38	173	119	2.250	ug/l #	28
74) N-amyl acetate	11.88	43	22484	3.344	ug/l #	51
76) 1,2,3-Trichloropropane	12.40	75	172865	37.545	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	9932	0.518	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	172865	124.391	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	17096	0.909	ug/l	98
85) sec-Butylbenzene	13.04	105	17096	0.822	ug/l #	55
90) Hexachloroethane	13.89	117	598	0.207	ug/l #	2
95) Naphthalene	15.13	128	3828	0.370	ug/l #	78

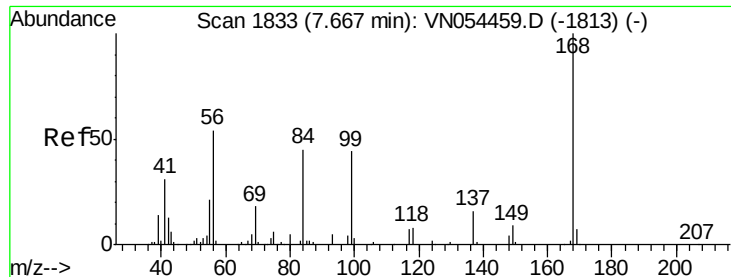
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
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: VN054750.D

Acq: 28 Mar 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

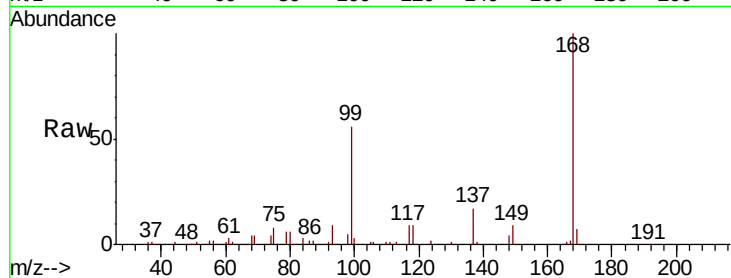
TP-1

Tot Ion:168 Resp: 538600

Ion Ratio Lower Upper

168 100

99 56.1 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

200000

150000

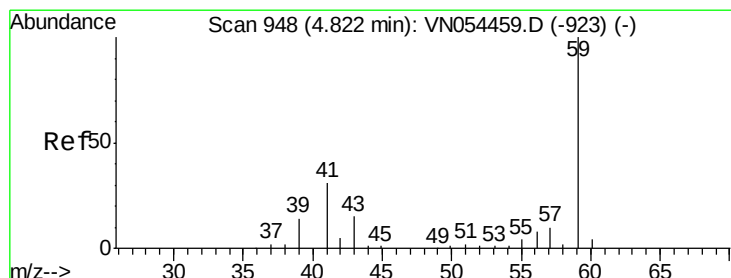
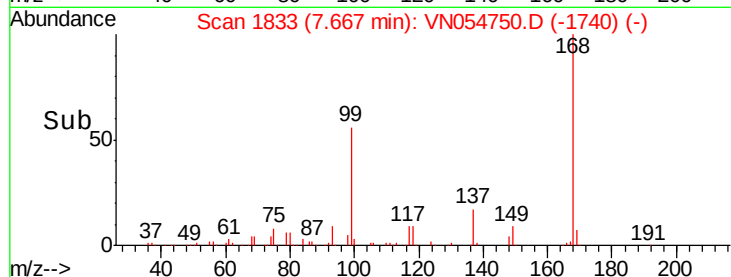
100000

50000

0

7.60 7.70 7.80

Time-->



#11

Tert butyl alcohol

Concen: 0.348 ug/l

RT: 4.82 min Scan# 946

Delta R.T. -0.01 min

Lab File: VN054750.D

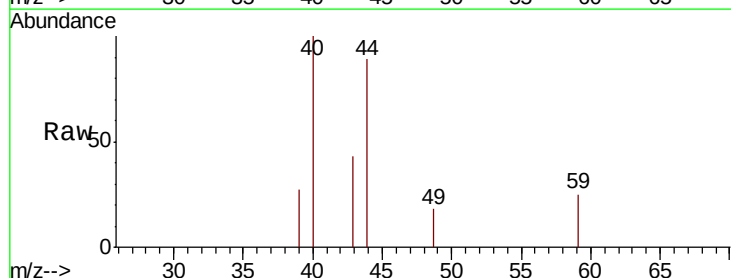
Acq: 28 Mar 2019 17:44

Tgt Ion: 59 Resp: 141

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.82

250

200

150

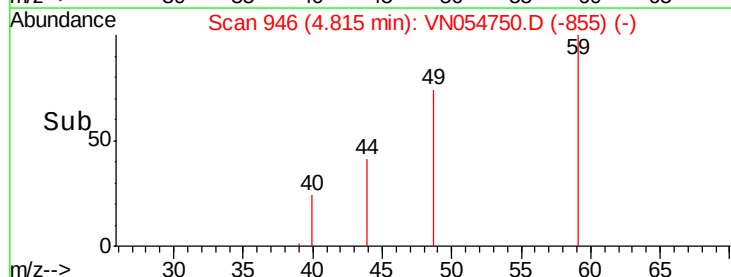
100

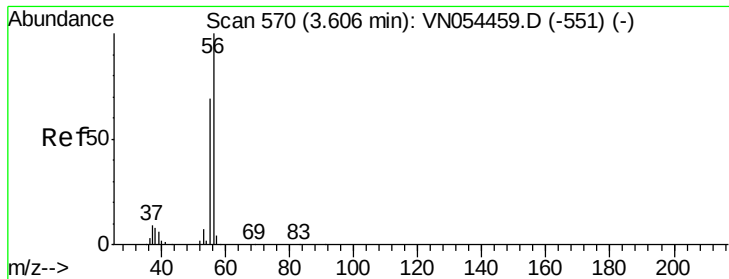
50

0

4.80 4.81 4.82 4.83 4.84

Time-->





#13

Acrolein

Concen: 0.261 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN054750.D

Acq: 28 Mar 2019 17:44

Instrument :

MSVOA_N

ClientSampled :

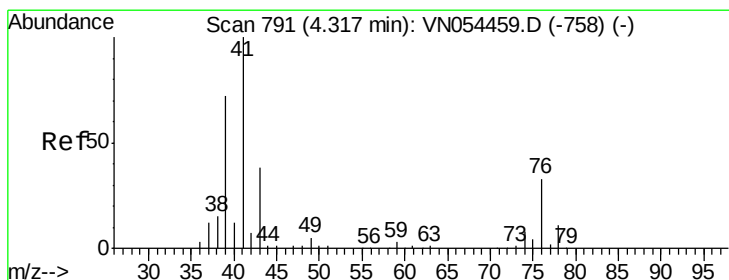
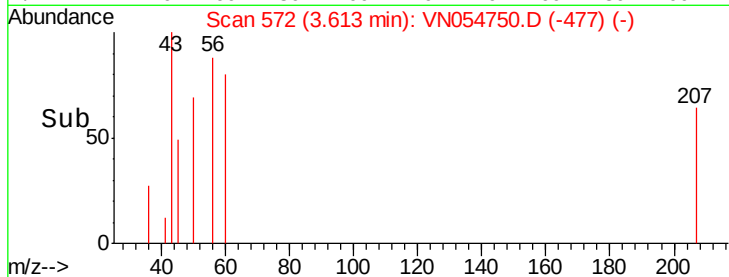
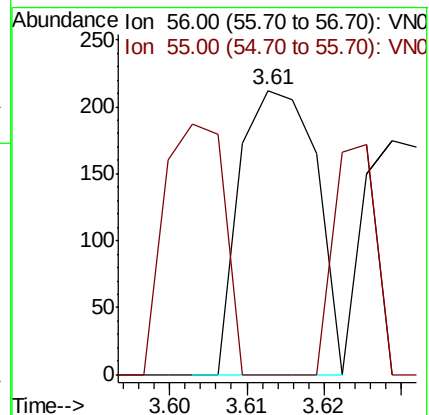
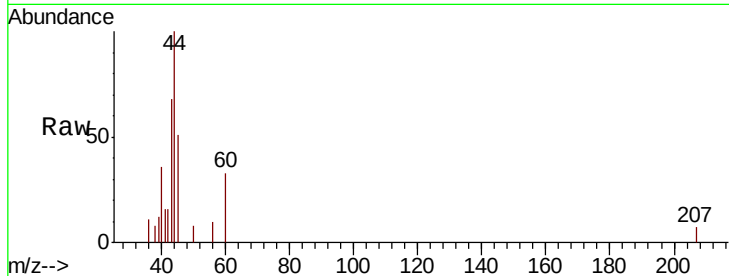
TP-1

Tot Ion: 56 Resp: 146

Ion Ratio Lower Upper

56 100

55 69.2 56.7 85.1



#14

Allyl chloride

Concen: 1.477 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.23 min

Lab File: VN054750.D

Acq: 28 Mar 2019 17:44

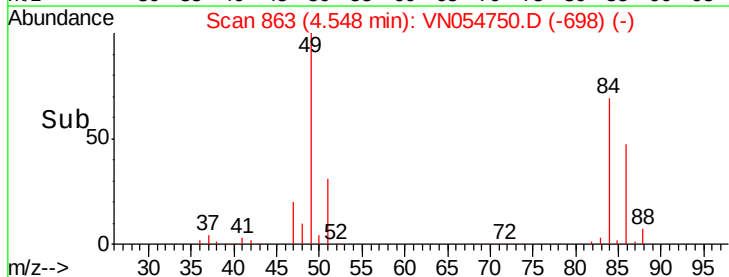
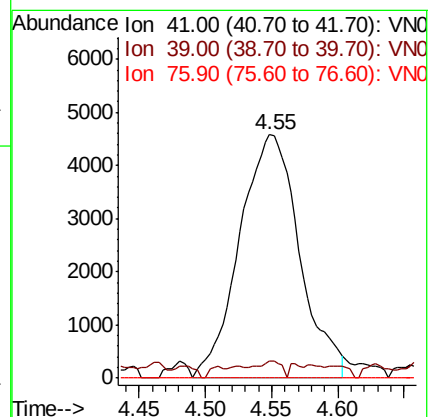
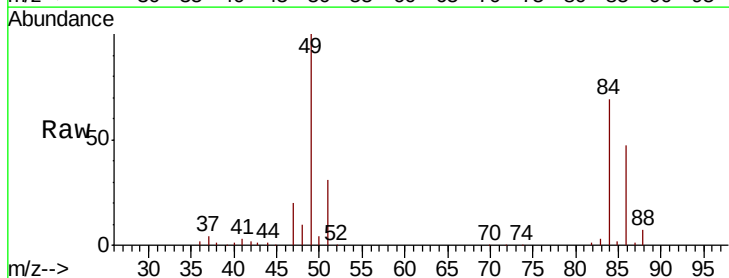
Tgt Ion: 41 Resp: 14447

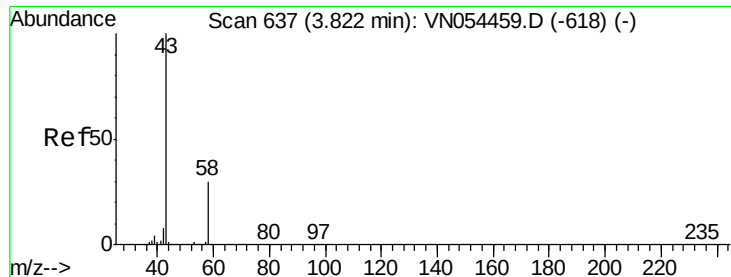
Ion Ratio Lower Upper

41 100

39 2.2 58.2 87.4#

76 0.0 31.7 47.5#

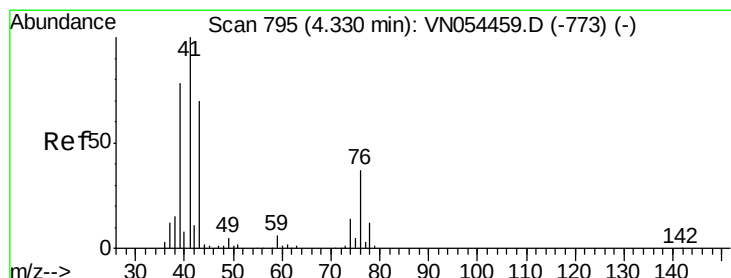
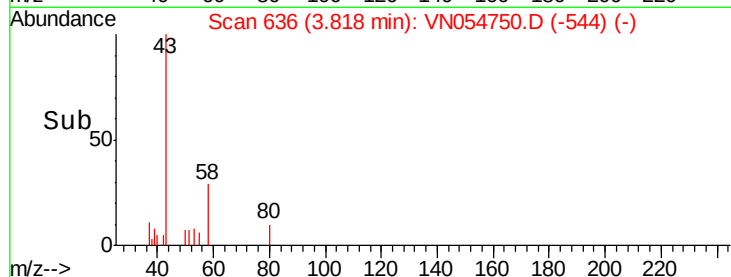
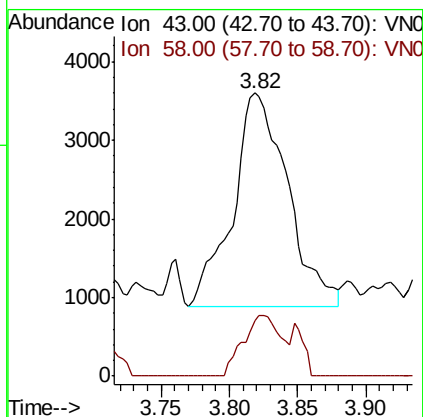
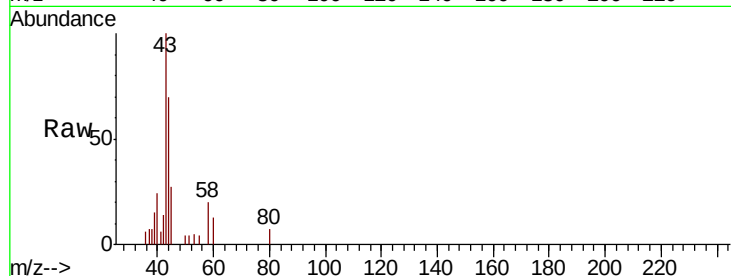




#16
Acetone
Concen: 3.766 ug/l
RT: 3.82 min Scan# 636
Delta R.T. -0.00 min
Lab File: VN054750.D
Acq: 28 Mar 2019 17:44

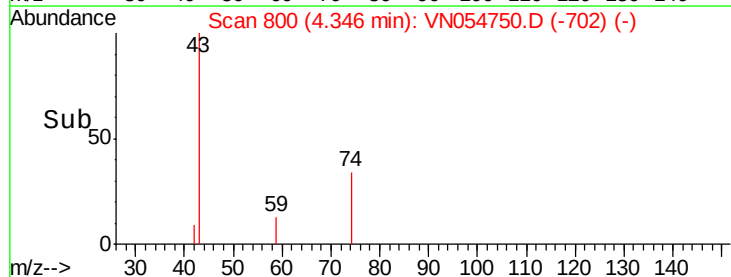
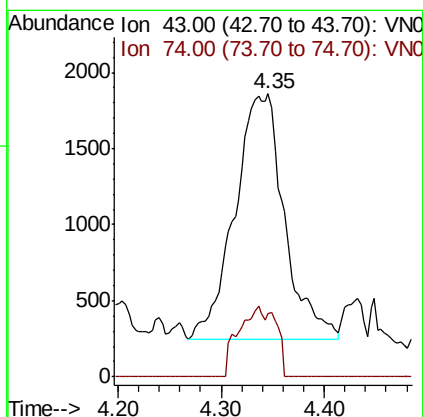
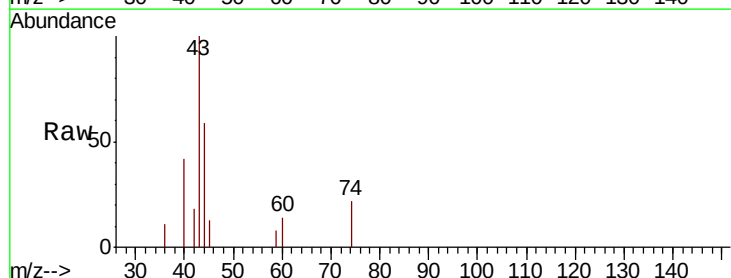
Instrument :
MSVOA_N
ClientSampled :
TP-1

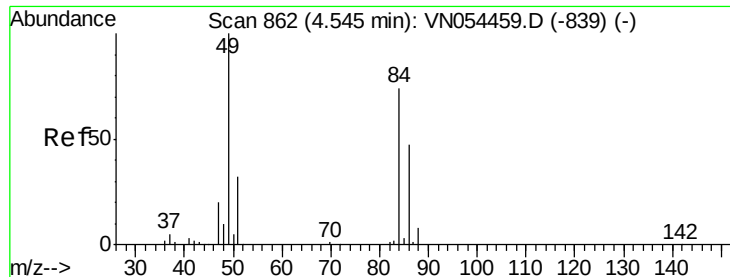
Tot Ion: 43 Resp: 7585
Ion Ratio Lower Upper
43 100
58 26.1 29.9 44.9#



#18
Methyl Acetate
Concen: 1.200 ug/l
RT: 4.35 min Scan# 800
Delta R.T. 0.02 min
Lab File: VN054750.D
Acq: 28 Mar 2019 17:44

Tgt Ion: 43 Resp: 5387
Ion Ratio Lower Upper
43 100
74 15.1 20.8 31.2#

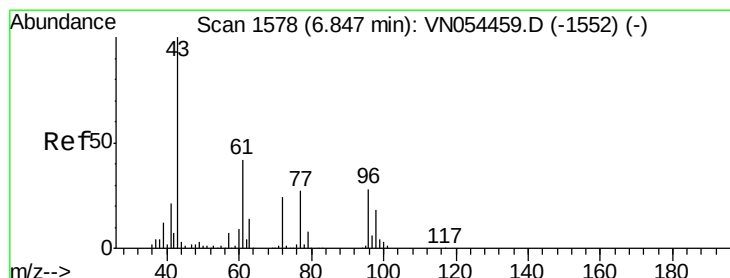
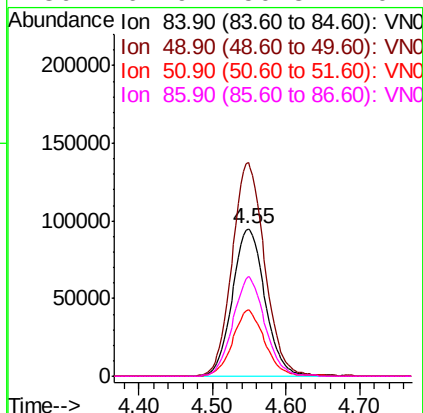
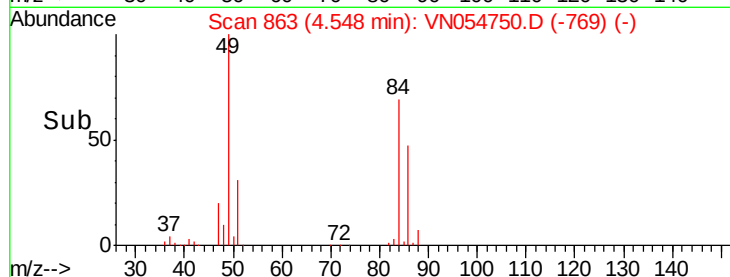
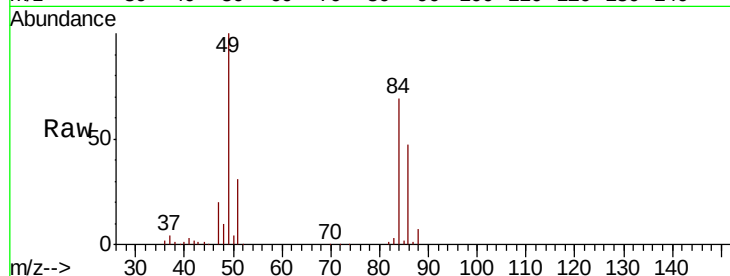




#20
Methvlene Chloride
Concen: 49.252 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054750.D
Acq: 28 Mar 2019 17:44

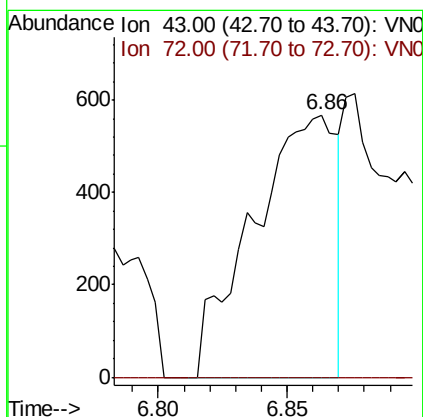
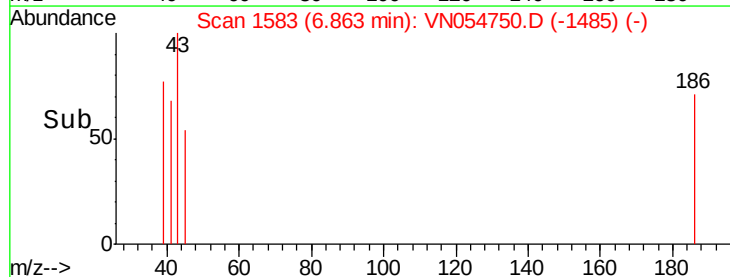
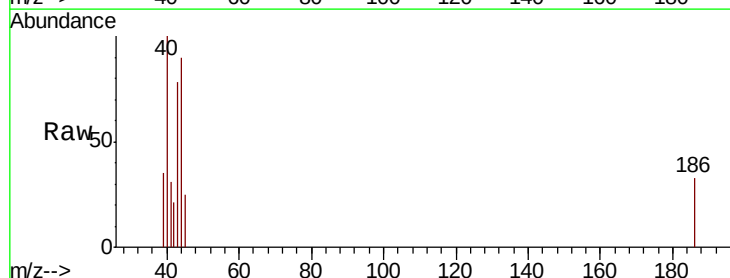
Instrument :
MSVOA_N
ClientSampled :
TP-1

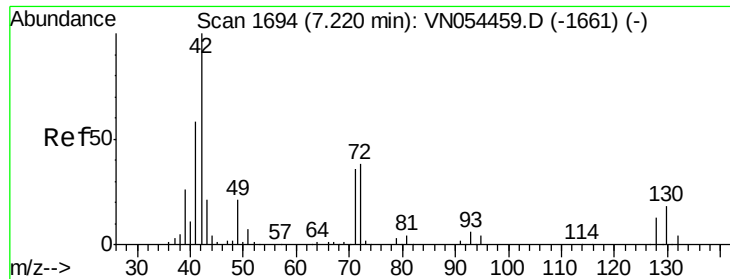
Tot Ion: 84 Resp: 292424
Ion Ratio Lower Upper
84 100
49 144.9 89.7 134.5#
51 45.2 28.2 42.4#
86 67.9 50.8 76.2



#25
2-Butanone
Concen: 0.496 ug/l
RT: 6.86 min Scan# 1583
Delta R.T. 0.02 min
Lab File: VN054750.D
Acq: 28 Mar 2019 17:44

Tgt Ion: 43 Resp: 1280
Ion Ratio Lower Upper
43 100
72 0.0 23.0 34.6#

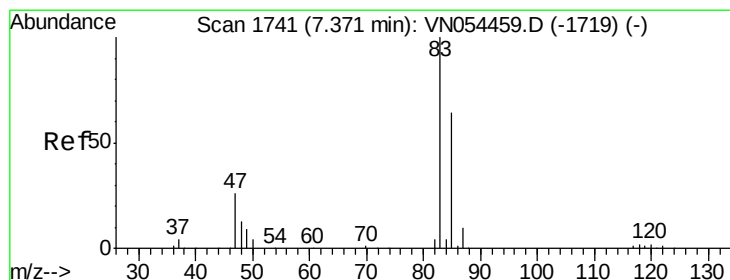
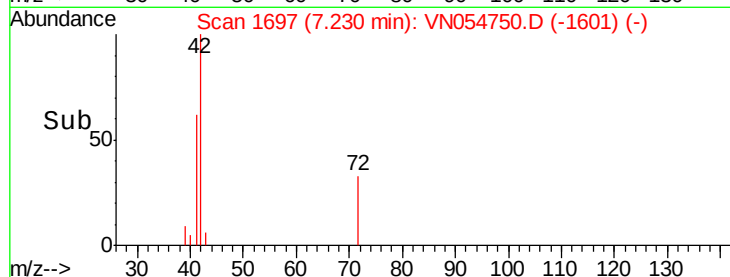
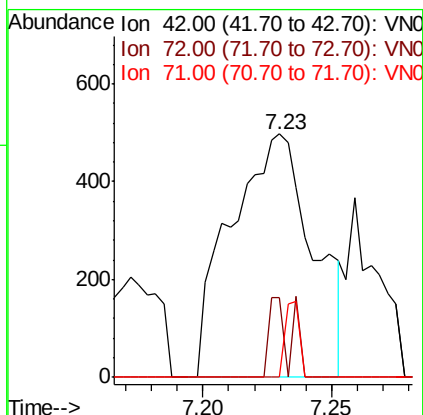
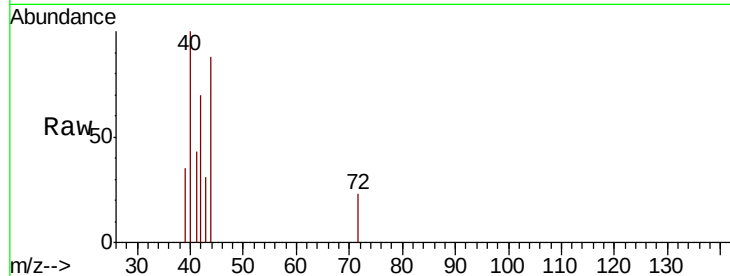




#29
Tetrahydrofuran
Concen: 0.660 ug/l
RT: 7.23 min Scan# 1697
Delta R.T. 0.01 min
Lab File: VN054750.D
Acq: 28 Mar 2019 17:44

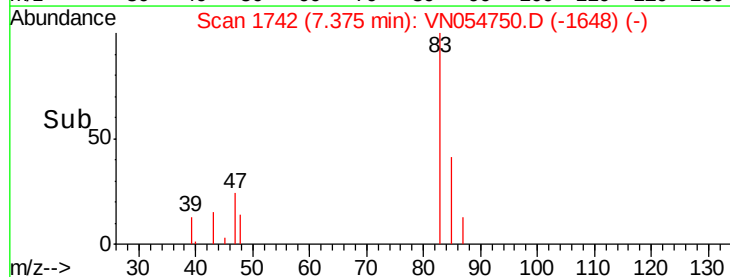
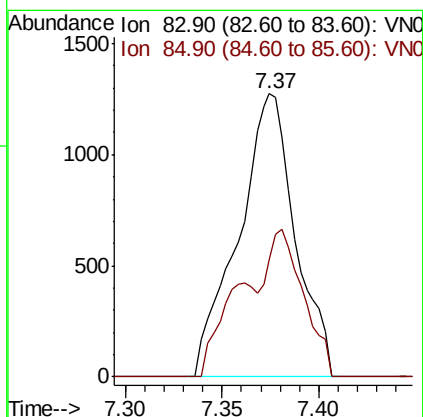
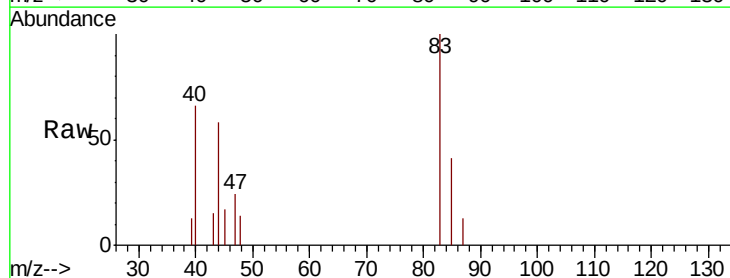
Instrument :
MSVOA_N
ClientSampled :
TP-1

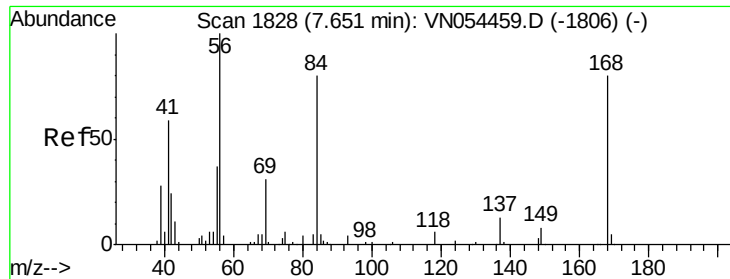
Tot Ion: 42 Resp: 1105
Ion Ratio Lower Upper
42 100
72 8.6 37.8 56.6#
71 5.3 36.2 54.2#



#30
Chloroform
Concen: 0.257 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN054750.D
Acq: 28 Mar 2019 17:44

Tgt Ion: 83 Resp: 2610
Ion Ratio Lower Upper
83 100
85 41.4 52.2 78.4#

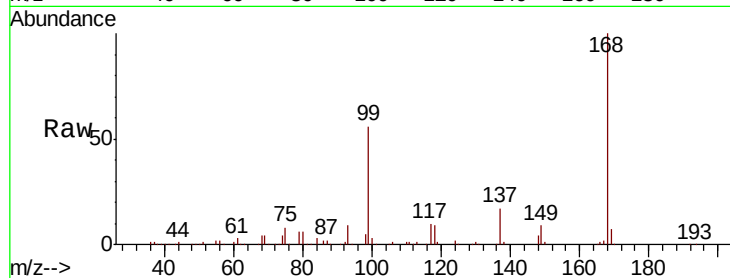




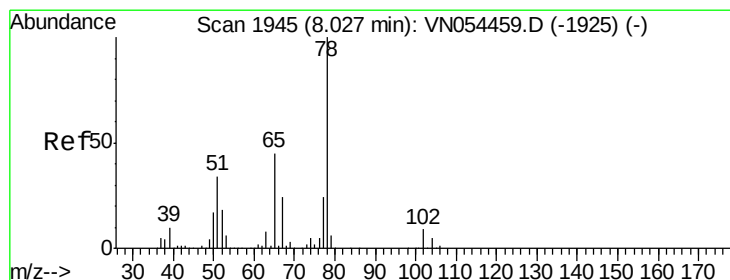
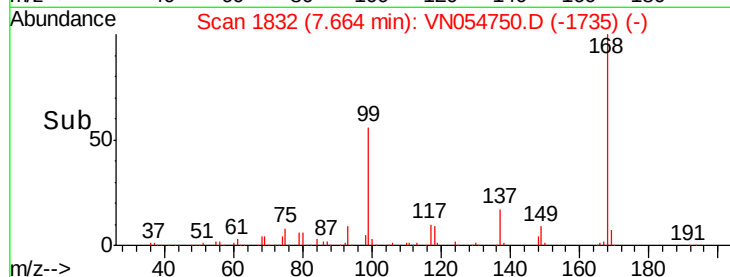
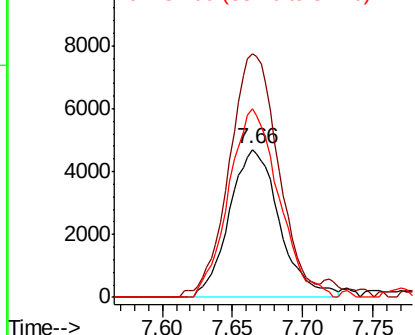
#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054750.D
Acq: 28 Mar 2019 17:44

Instrument :
MSVOA_N
ClientSampled :
TP-1

Tot Ion: 56 Resp: 11728
Ion Ratio Lower Upper
56 100
69 160.7 27.8 41.6#
84 128.1 74.6 111.8#

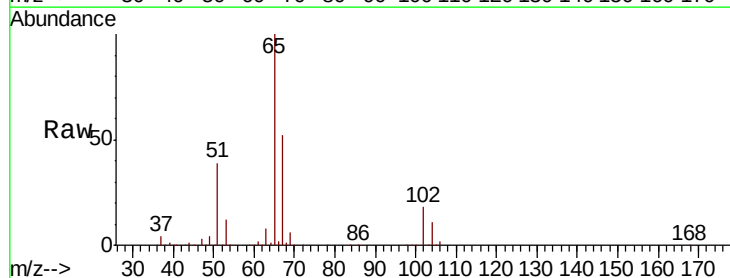


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

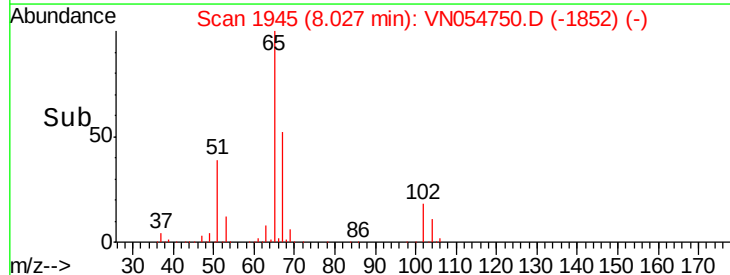
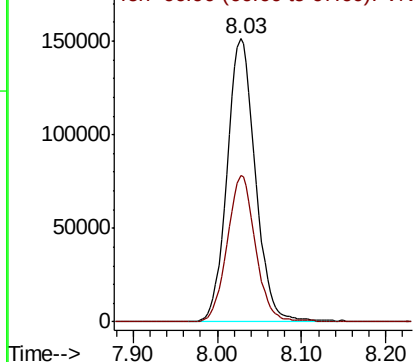


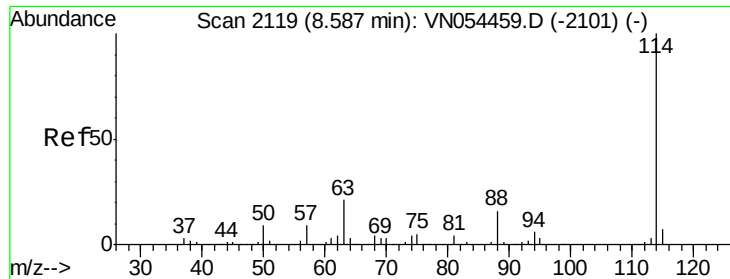
#33
1,2-Dichloroethane-d4
Concen: 52.629 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054750.D
Acq: 28 Mar 2019 17:44

Tgt Ion: 65 Resp: 352577
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

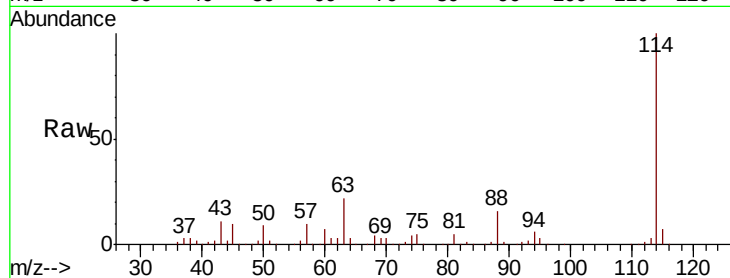




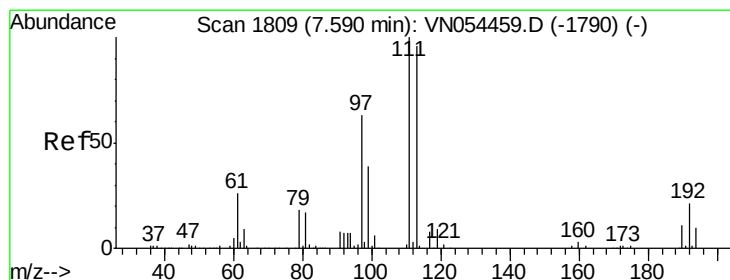
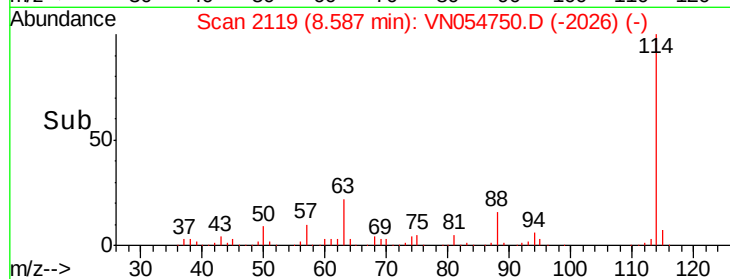
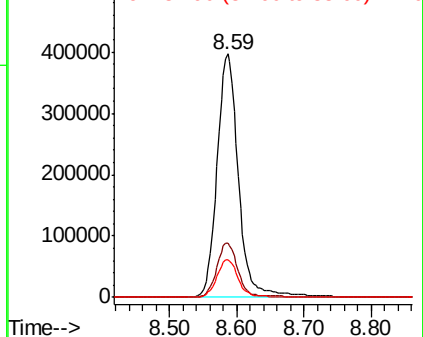
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN054750.D
Acq: 28 Mar 2019 17:44

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tot Ion:114 Resp: 883459
Ion Ratio Lower Upper
114 100
63 22.3 0.0 35.2
88 15.6 0.0 30.2

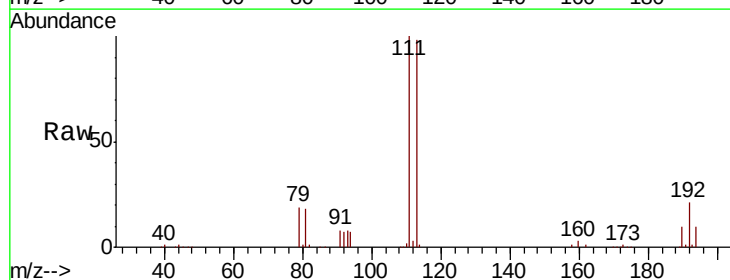


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

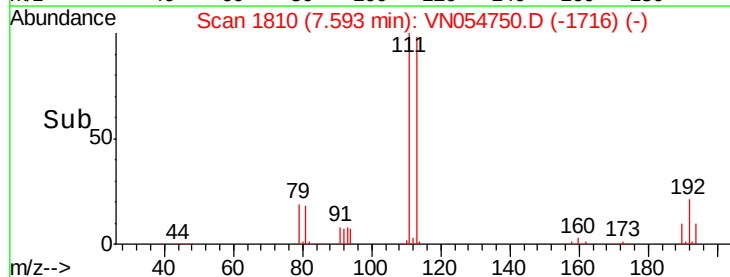
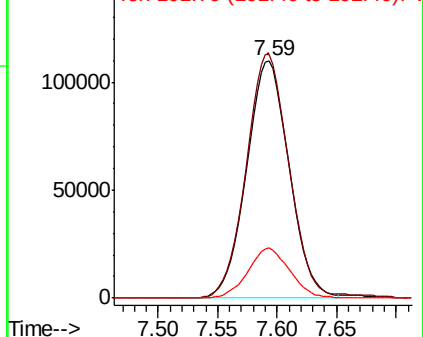


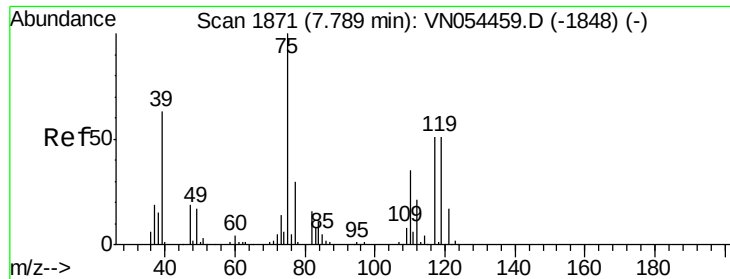
#35
Dibromofluoromethane
Concen: 47.940 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054750.D
Acq: 28 Mar 2019 17:44

Tgt Ion:113 Resp: 272860
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 20.6 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: 4.984 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.12 min

Lab File: VN054750.D

Acq: 28 Mar 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

TP-1

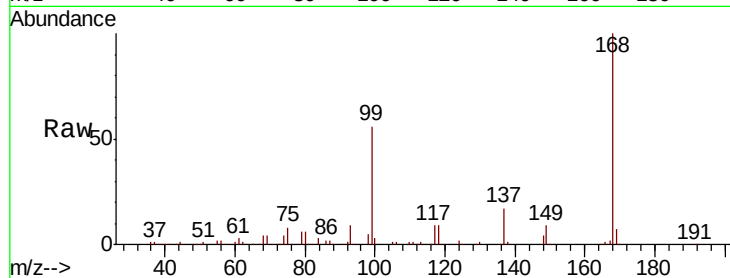
Tot Ion: 75 Resp: 41167

Ion Ratio Lower Upper

75 100

110 3.0 19.1 57.5#

77 0.0 25.0 37.4#

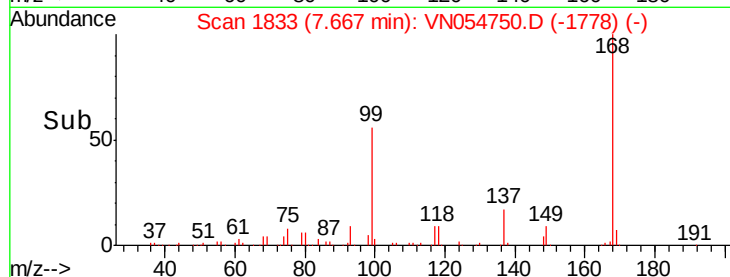


Abundance Ion 74.90 (74.60 to 75.60): VN054459.D (-1848) (-)

Ion 109.90 (109.60 to 110.60): VN054459.D (-1848) (-)

Ion 76.90 (76.60 to 77.60): VN054459.D (-1848) (-)

Time-->

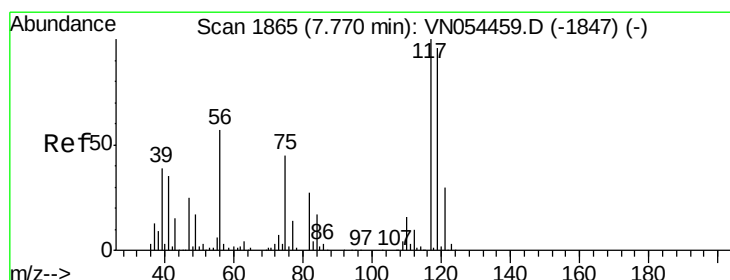


Abundance Ion 74.90 (74.60 to 75.60): VN054750.D (-1778) (-)

Ion 109.90 (109.60 to 110.60): VN054750.D (-1778) (-)

Ion 76.90 (76.60 to 77.60): VN054750.D (-1778) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.053 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN054750.D

Acq: 28 Mar 2019 17:44

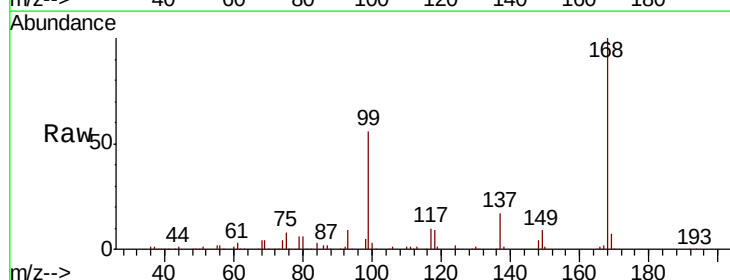
Tgt Ion: 117 Resp: 48586

Ion Ratio Lower Upper

117 100

119 5.7 76.3 114.5#

121 0.0 24.6 36.8#

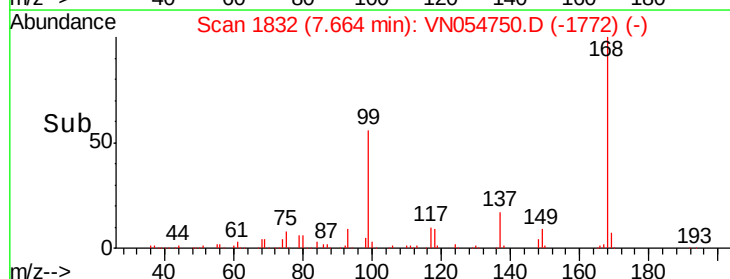


Abundance Ion 116.80 (116.50 to 117.50): VN054459.D (-1847) (-)

Ion 118.80 (118.50 to 119.50): VN054459.D (-1847) (-)

Ion 120.80 (120.50 to 121.50): VN054459.D (-1847) (-)

Time-->

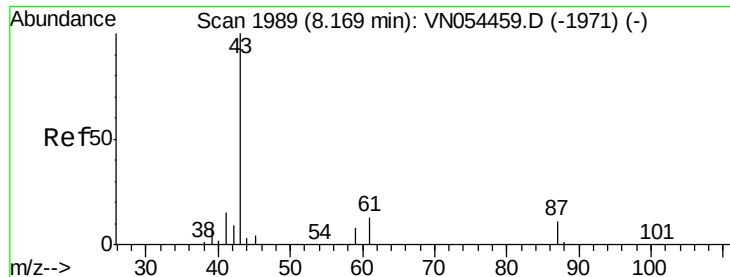


Abundance Ion 116.80 (116.50 to 117.50): VN054750.D (-1772) (-)

Ion 118.80 (118.50 to 119.50): VN054750.D (-1772) (-)

Ion 120.80 (120.50 to 121.50): VN054750.D (-1772) (-)

Time-->



#43

Isopropyl Acetate

Concen: 1.772 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054750.D

Acq: 28 Mar 2019 17:44

Instrument :

MSVOA_N

ClientSampled :

TP-1

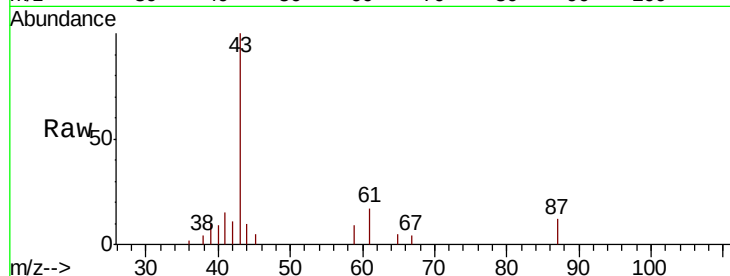
Tot Ion: 43 Resp: 17578

Ion Ratio Lower Upper

43 100

61 21.7 15.8 23.8

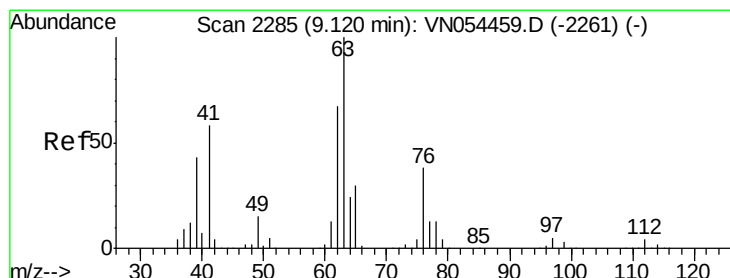
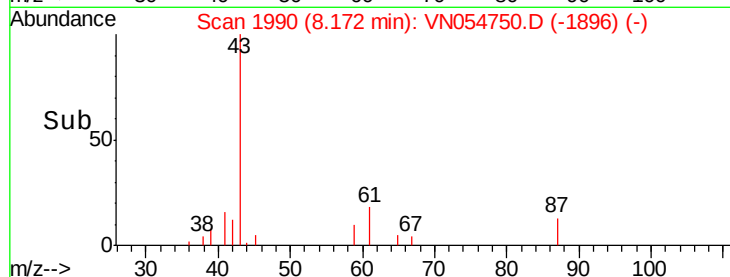
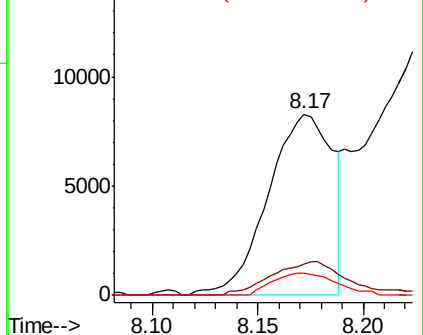
87 12.2 12.0 18.0



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: 0.288 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN054750.D

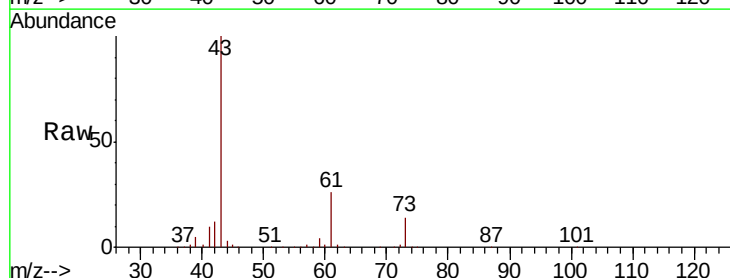
Acq: 28 Mar 2019 17:44

Tgt Ion: 63 Resp: 1824

Ion Ratio Lower Upper

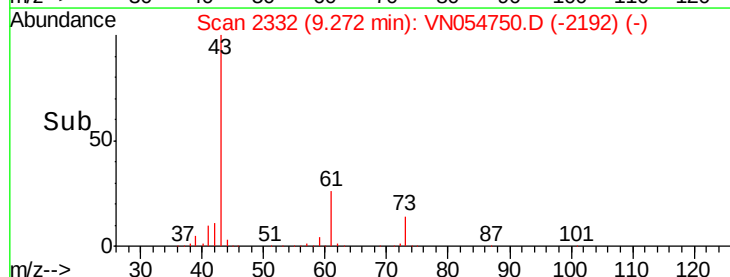
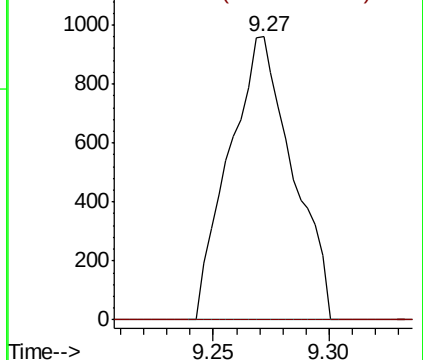
63 100

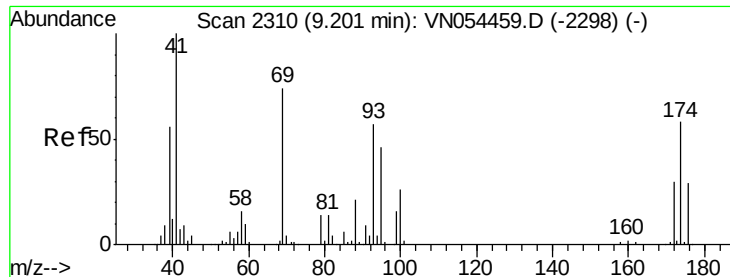
65 0.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0





#48

Methvl methacrylate

Concen: 1.518 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.02 min

Lab File: VN054750.D

Acq: 28 Mar 2019 17:44

Instrument :
MSVOA_N
ClientSampleId :
TP-1

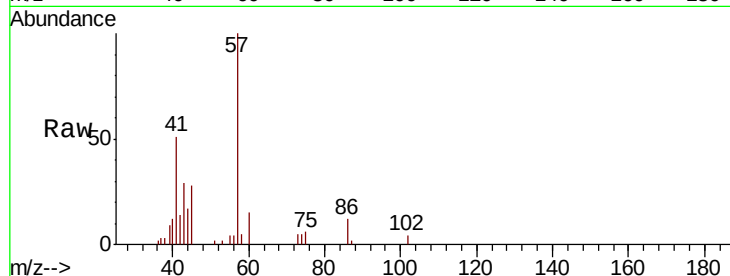
Tot Ion: 41 Resp: 8175

Ion Ratio Lower Upper

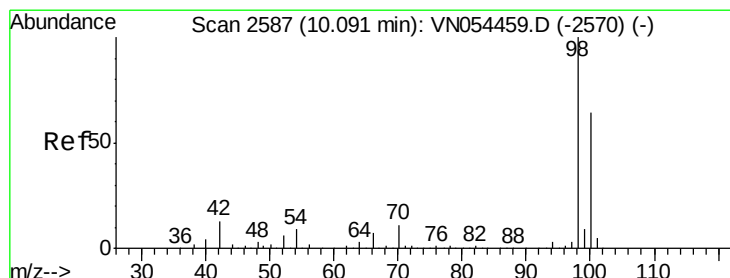
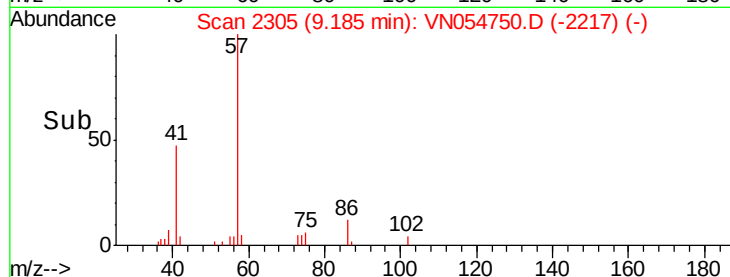
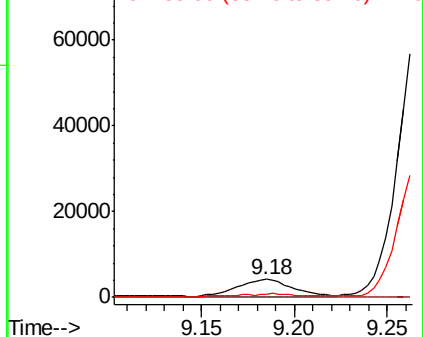
41 100

69 0.0 72.6 108.8#

39 27.8 47.5 71.3#



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: 49.606 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054750.D

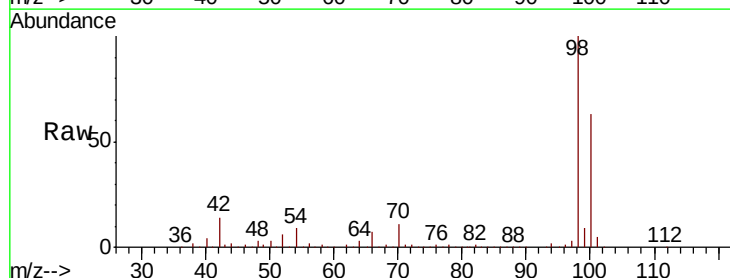
Acq: 28 Mar 2019 17:44

Tgt Ion: 98 Resp: 1061421

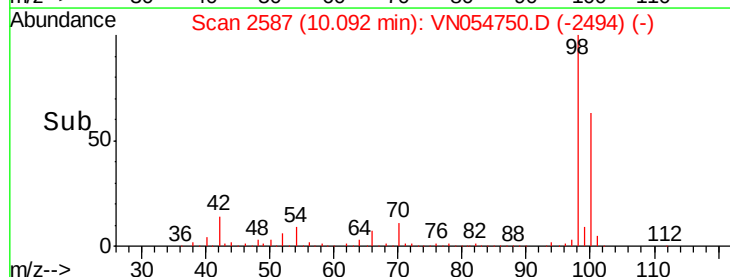
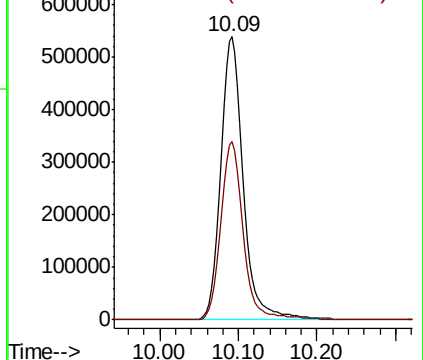
Ion Ratio Lower Upper

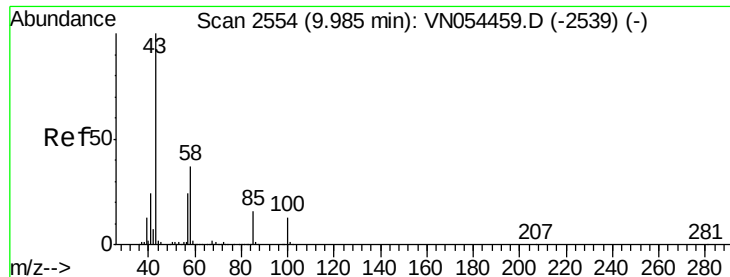
98 100

100 63.0 51.2 76.8



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





#51

4-Methyl-2-Pentanone

Concen: 1.921 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN054750.D

Acq: 28 Mar 2019 17:44

Instrument :

MSVOA_N

ClientSampled :

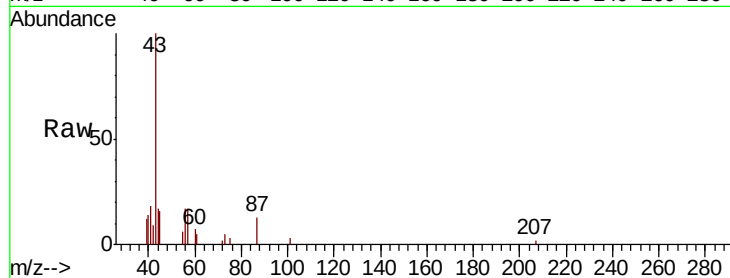
TP-1

Tot Ion: 43 Resp: 10565

Ion Ratio Lower Upper

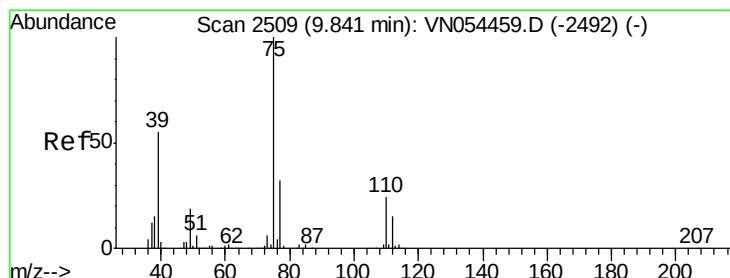
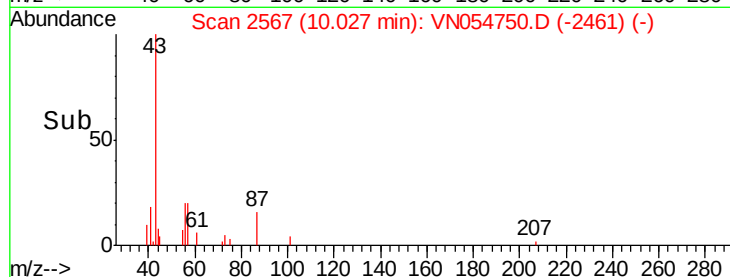
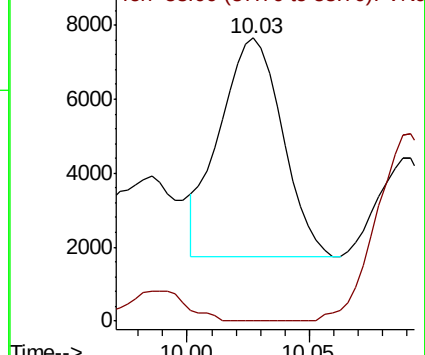
43 100

58 0.0 31.8 47.6#



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: 6.575 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN054750.D

Acq: 28 Mar 2019 17:44

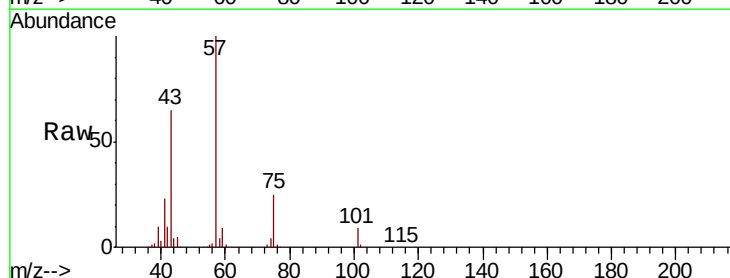
Tgt Ion: 75 Resp: 59206

Ion Ratio Lower Upper

75 100

77 0.9 25.4 38.0#

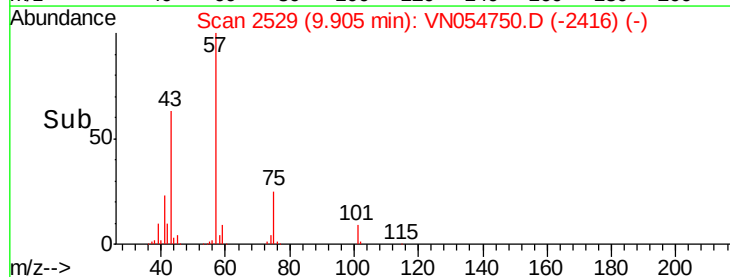
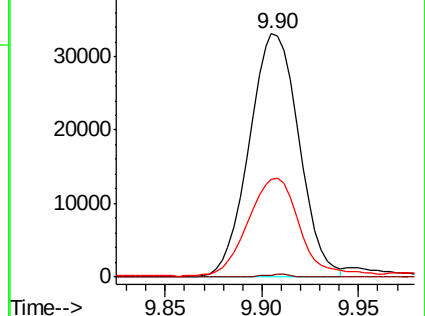
39 39.4 37.2 55.8

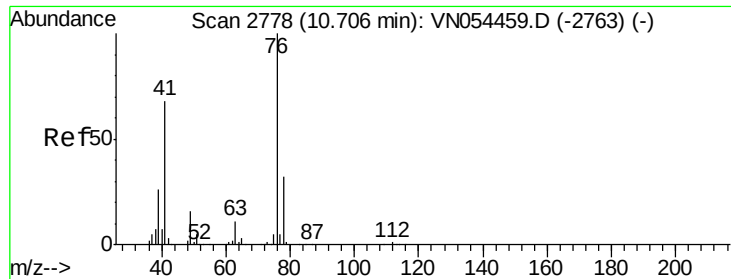


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

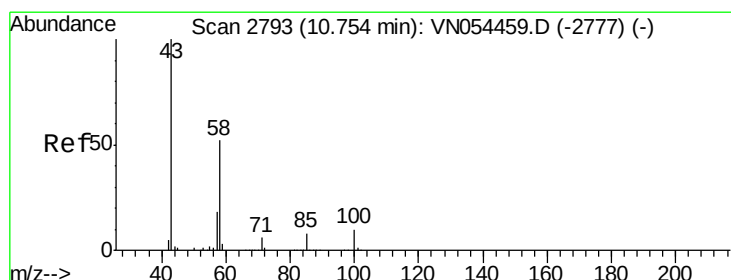
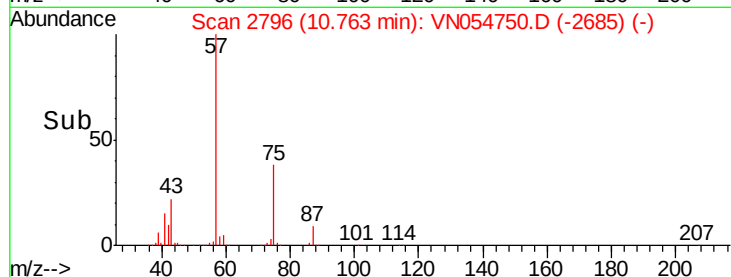
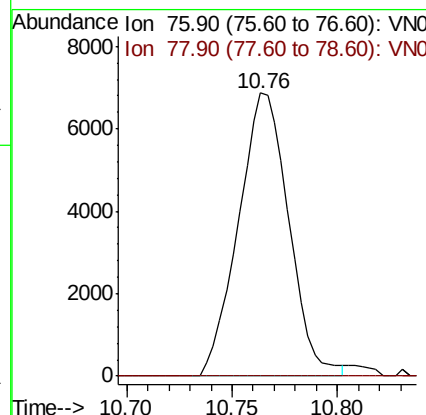
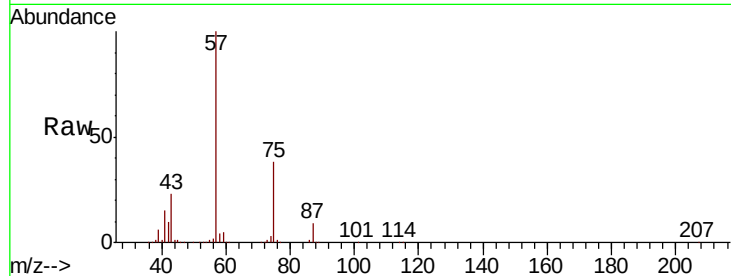




#57
 1,3-Dichloropropane
 Concen: 1.254 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN054750.D
 Acq: 28 Mar 2019 17:44

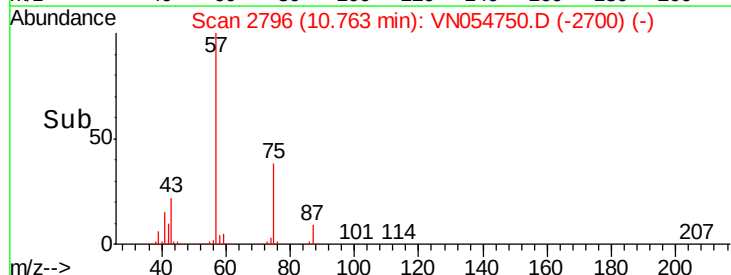
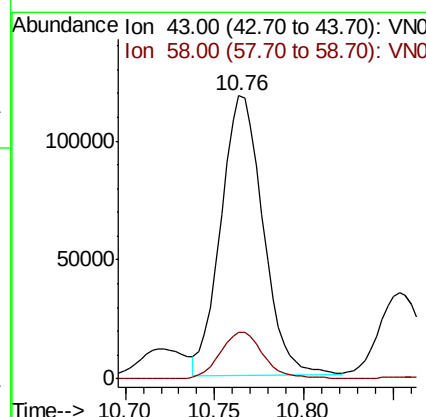
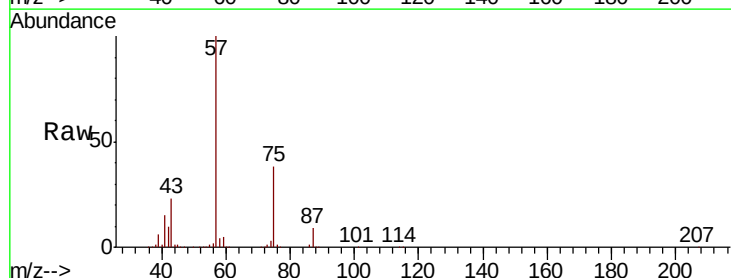
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

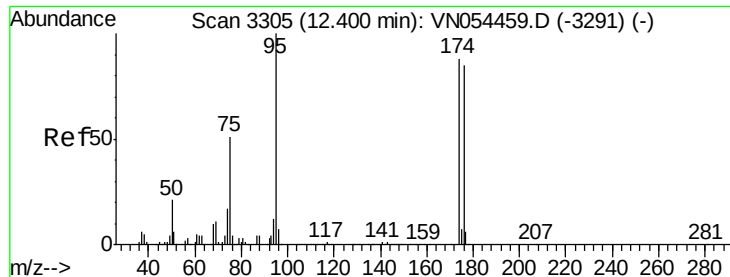
Tot Ion: 76 Resp: 11388
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#



#59
 2-Hexanone
 Concen: 53.808 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN054750.D
 Acq: 28 Mar 2019 17:44

Tgt Ion: 43 Resp: 193270
 Ion Ratio Lower Upper
 43 100
 58 17.5 28.0 83.9#





#62

4-Bromofluorobenzene

Concen: 46.716 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054750.D

Acq: 28 Mar 2019 17:44

Instrument :

MSVOA_N

ClientSampled :

TP-1

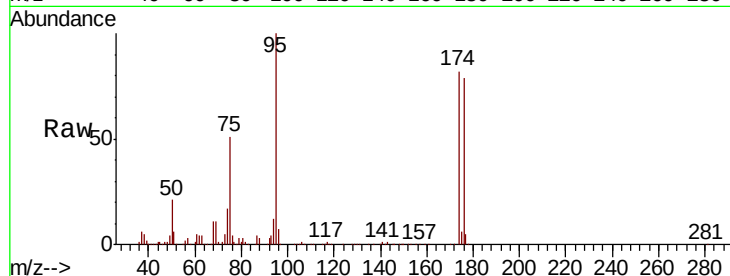
Tot Ion: 95 Resp: 340144

Ion Ratio Lower Upper

95 100

174 83.6 0.0 191.0

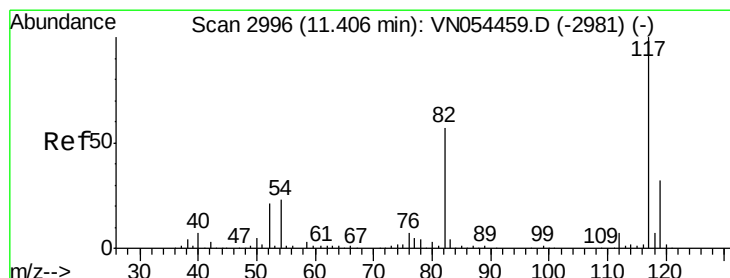
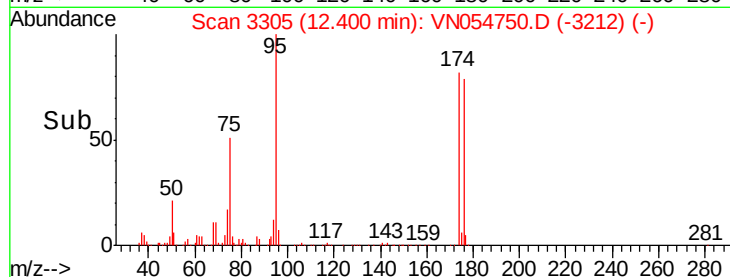
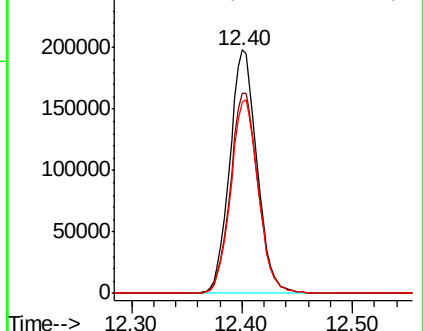
176 80.4 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054750.D

Acq: 28 Mar 2019 17:44

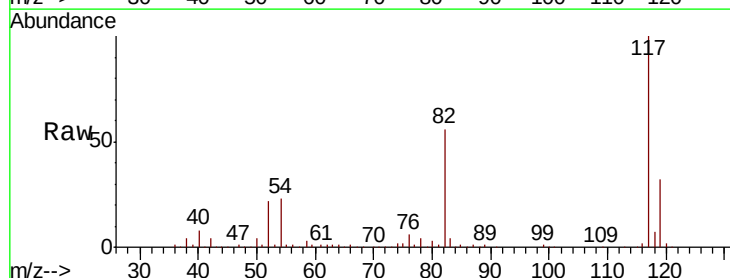
Tgt Ion: 117 Resp: 764068

Ion Ratio Lower Upper

117 100

82 56.1 40.0 60.0

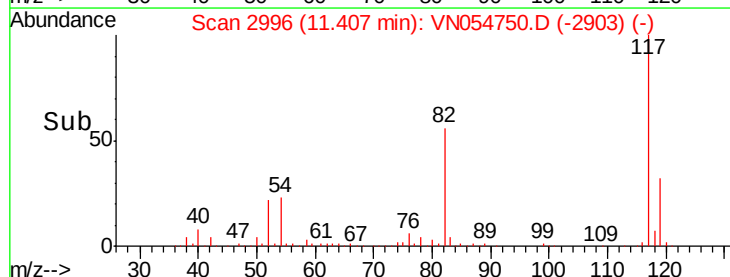
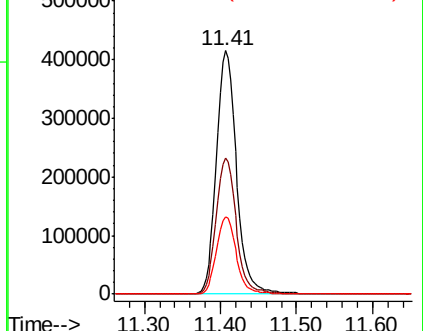
119 31.9 25.8 38.6

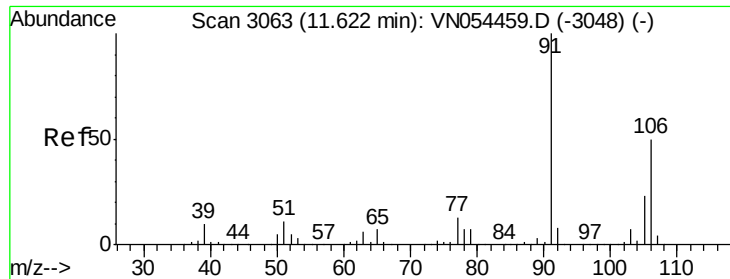


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

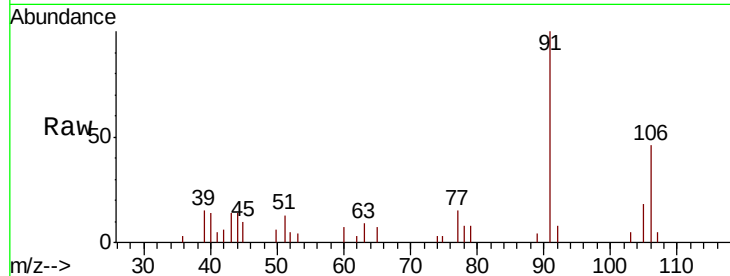




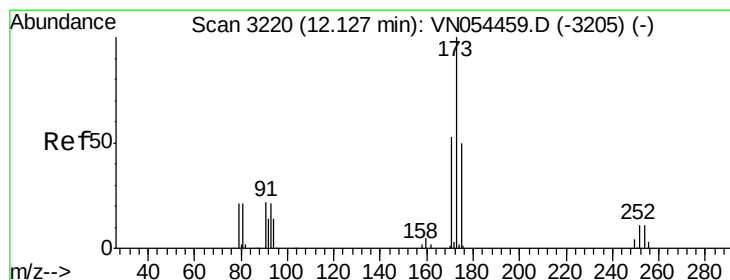
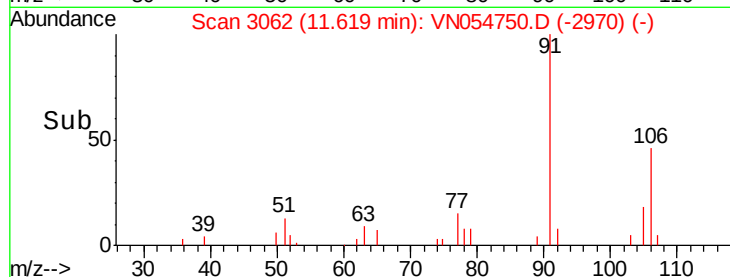
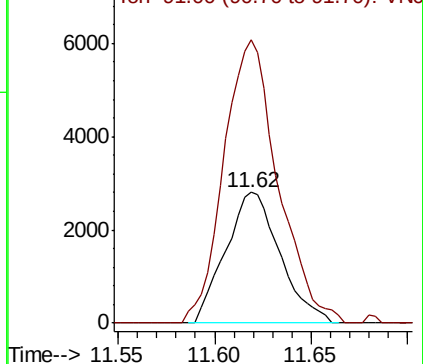
#68
m/p-Xvlenes
Concen: 0.528 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054750.D
Acq: 28 Mar 2019 17:44

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tot Ion:106 Resp: 5493
Ion Ratio Lower Upper
106 100
91 215.8 159.4 239.2

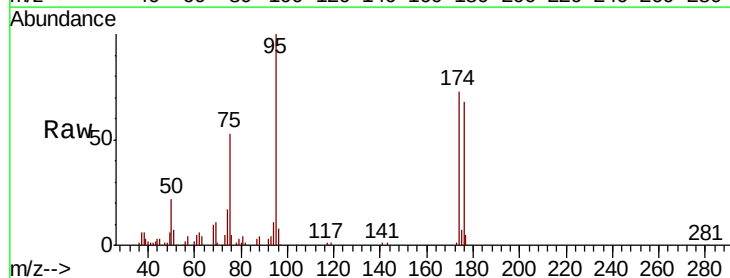


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

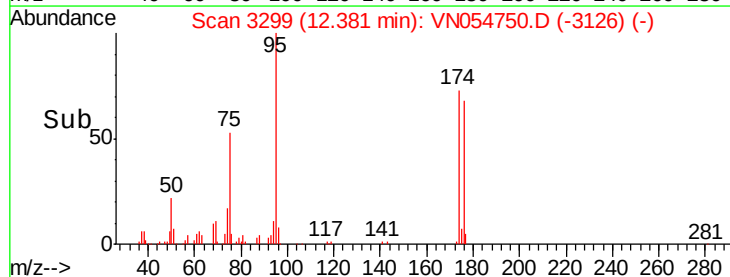
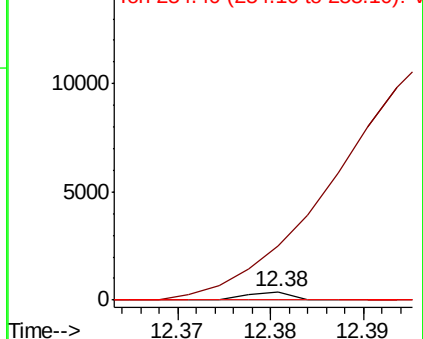


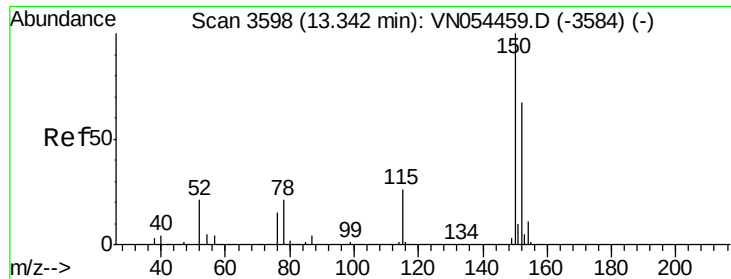
#71
Bromoform
Concen: 2.250 ug/l
RT: 12.38 min Scan# 3299
Delta R.T. 0.25 min
Lab File: VN054750.D
Acq: 28 Mar 2019 17:44

Tgt Ion:173 Resp: 119
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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054750.D

Acq: 28 Mar 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

TP-1

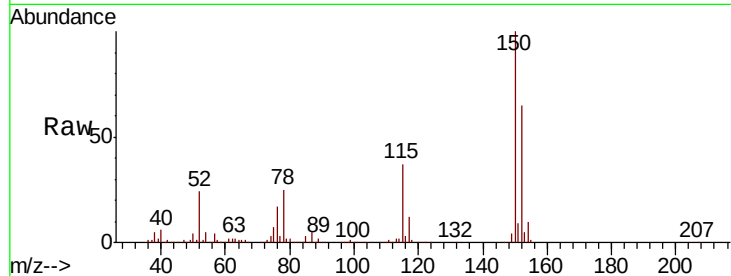
Tot Ion:152 Resp: 290152

Ion Ratio Lower Upper

152 100

115 58.7 27.2 81.6

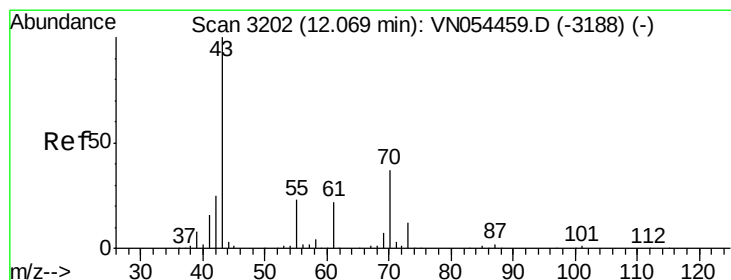
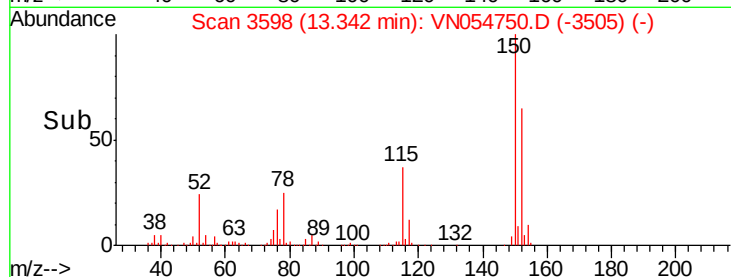
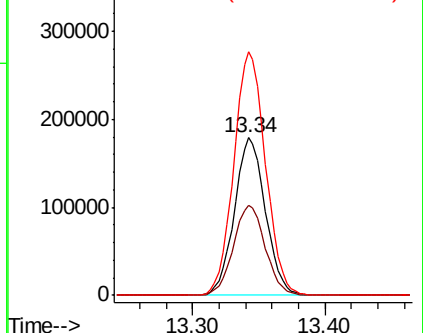
150 157.5 0.0 349.2



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: 3.344 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN054750.D

Acq: 28 Mar 2019 17:44

Tgt Ion: 43 Resp: 22484

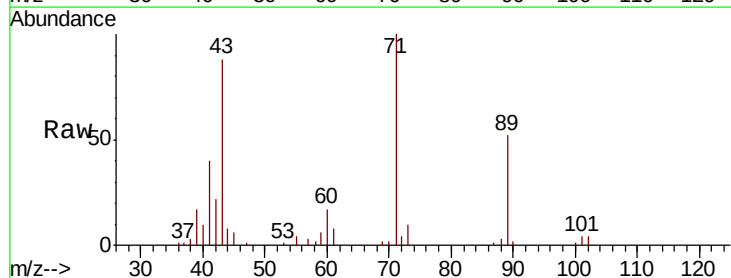
Ion Ratio Lower Upper

43 100

70 2.0 35.4 53.0#

55 5.3 19.8 29.6#

61 9.8 19.8 29.6#

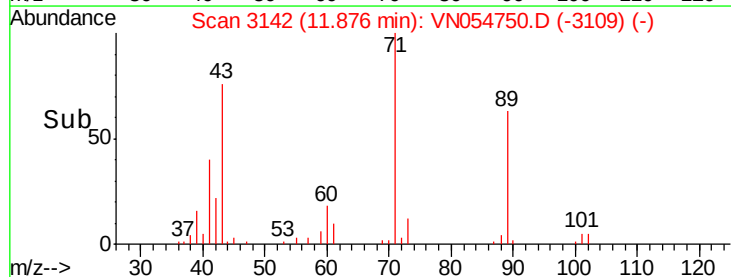
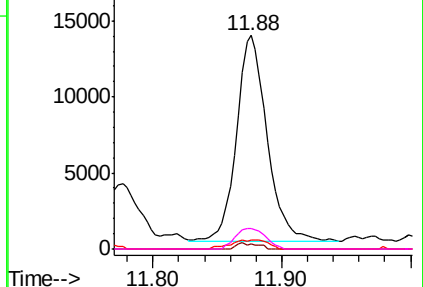


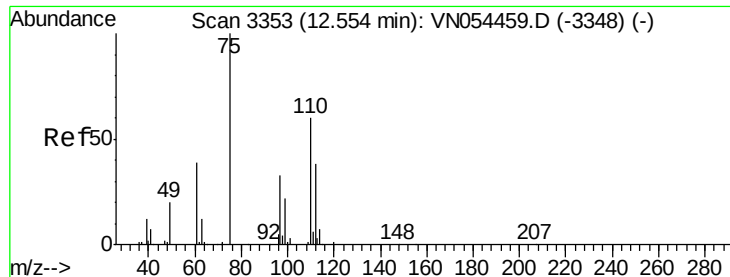
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 37.545 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054750.D

Acq: 28 Mar 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

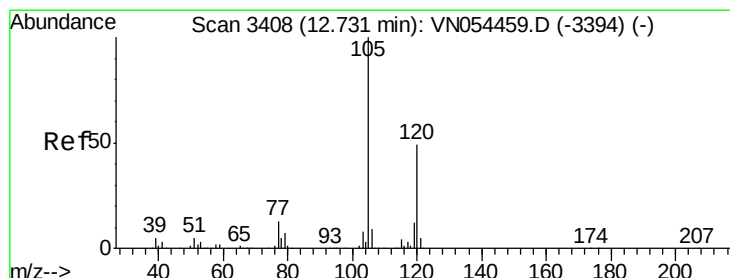
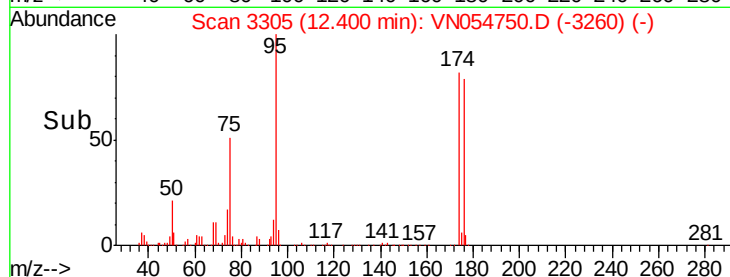
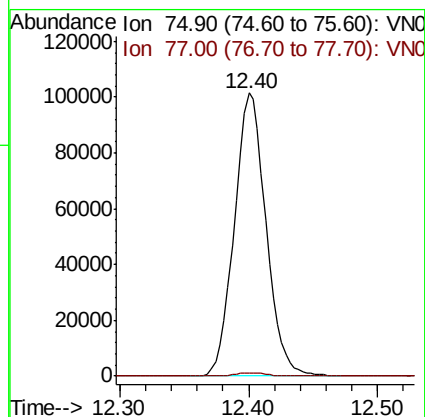
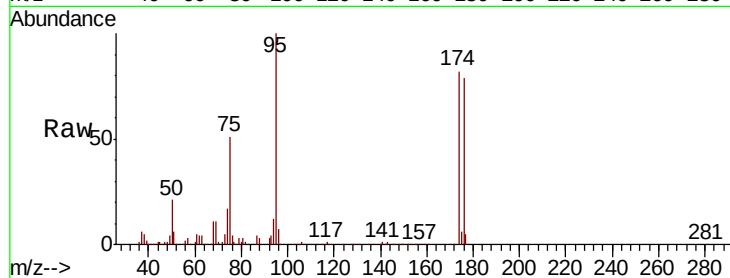
TP-1

Tot Ion: 75 Resp: 172865

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#80

1,3,5-Trimethylbenzene

Concen: 0.518 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054750.D

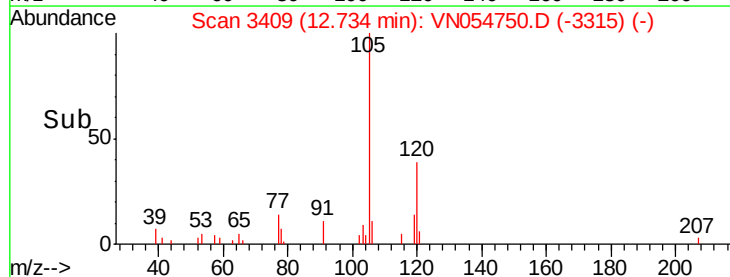
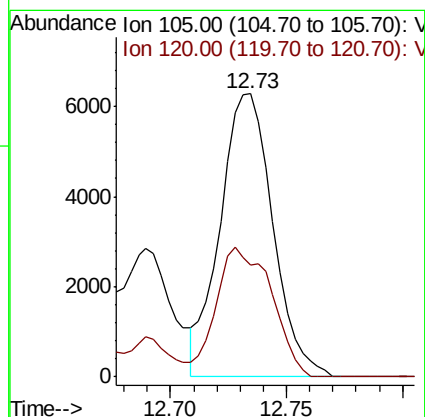
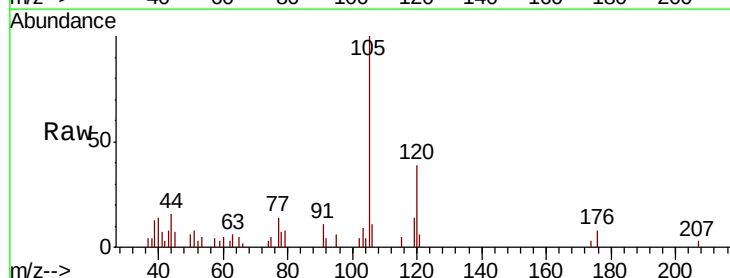
Acq: 28 Mar 2019 17:44

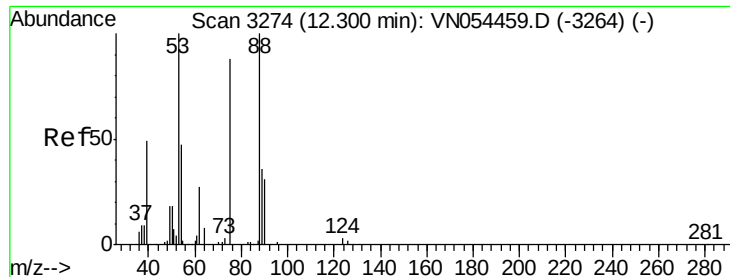
Tgt Ion: 105 Resp: 9932

Ion Ratio Lower Upper

105 100

120 48.0 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 124.391 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054750.D

Acq: 28 Mar 2019 17:44

Instrument :

MSVOA_N

ClientSampled :

TP-1

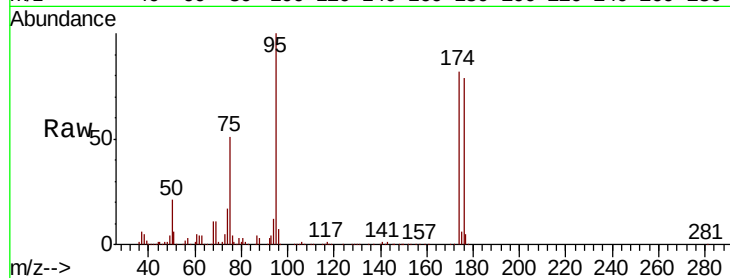
Tot Ion: 75 Resp: 172865

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

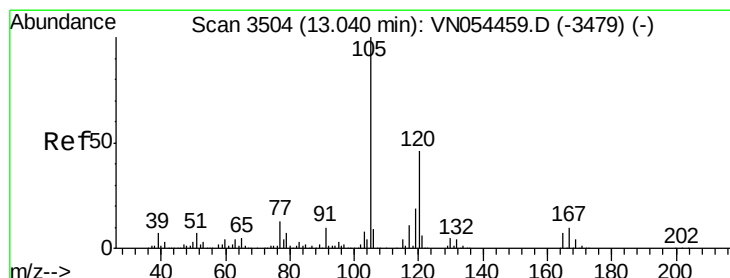
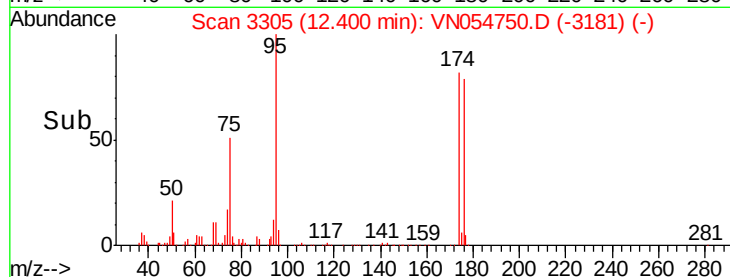
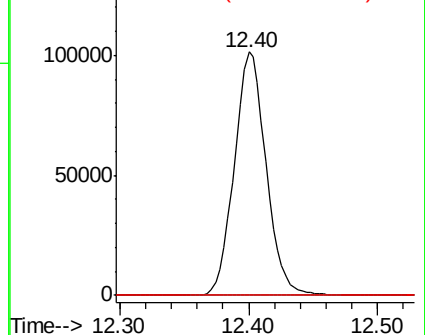
89 0.0 39.2 58.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#84

1,2,4-Trimethylbenzene

Concen: 0.909 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054750.D

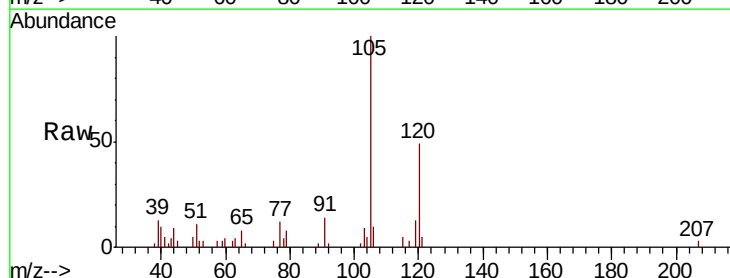
Acq: 28 Mar 2019 17:44

Tgt Ion: 105 Resp: 17096

Ion Ratio Lower Upper

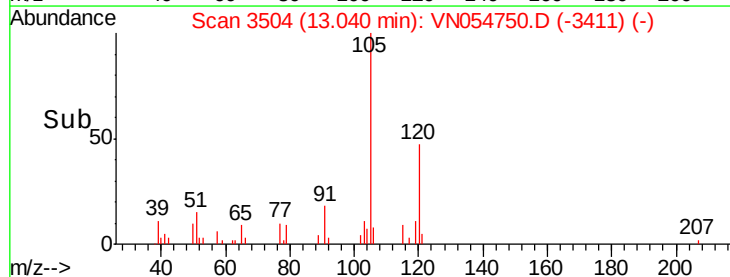
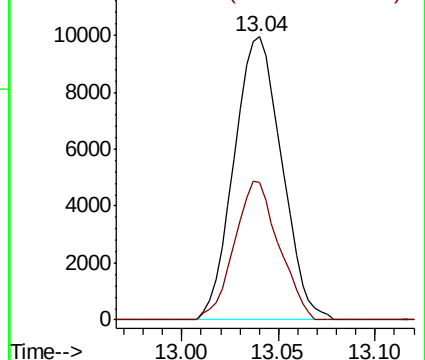
105 100

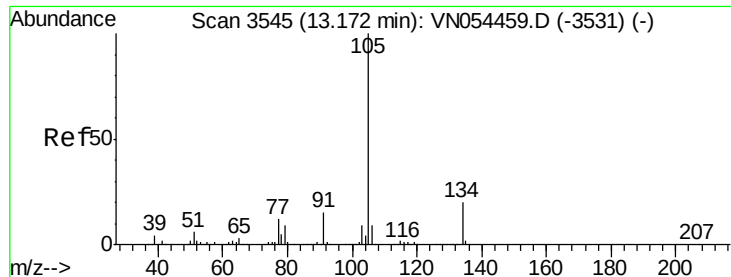
120 45.6 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.822 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN054750.D

Acq: 28 Mar 2019 17:44

Instrument :

MSVOA_N

ClientSampled :

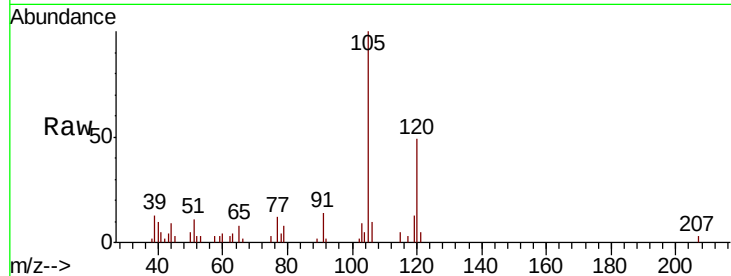
TP-1

Tot Ion:105 Resp: 17096

Ion Ratio Lower Upper

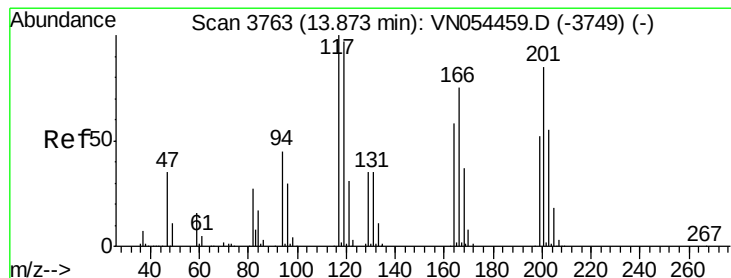
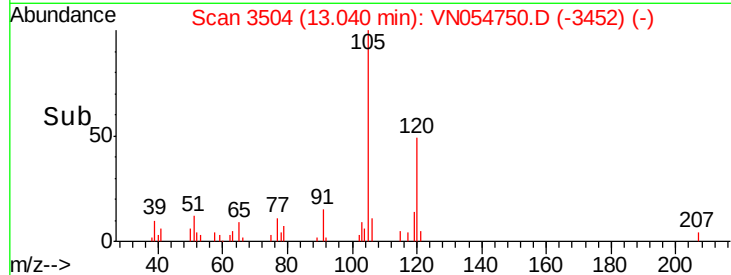
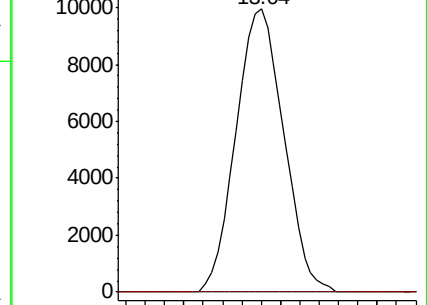
105 100

134 0.0 10.7 32.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 0.207 ug/l

RT: 13.89 min Scan# 3769

Delta R.T. 0.02 min

Lab File: VN054750.D

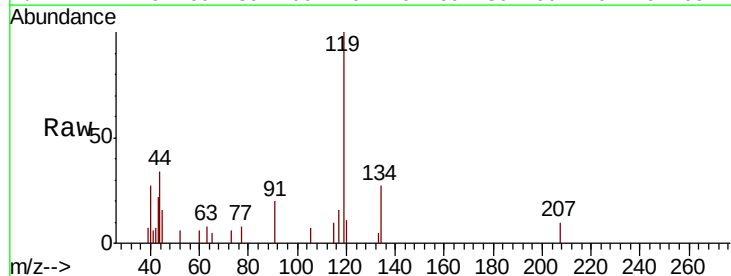
Acq: 28 Mar 2019 17:44

Tgt Ion:117 Resp: 598

Ion Ratio Lower Upper

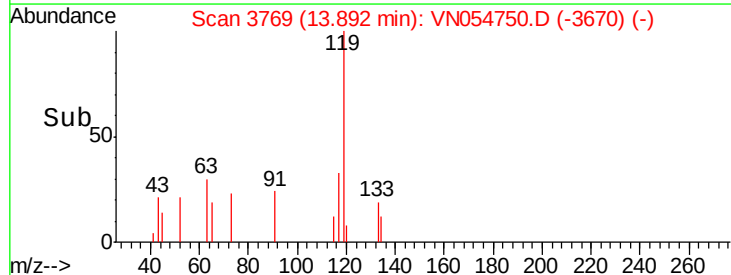
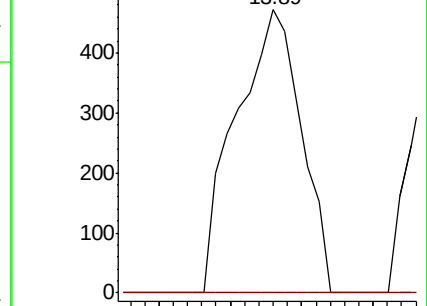
117 100

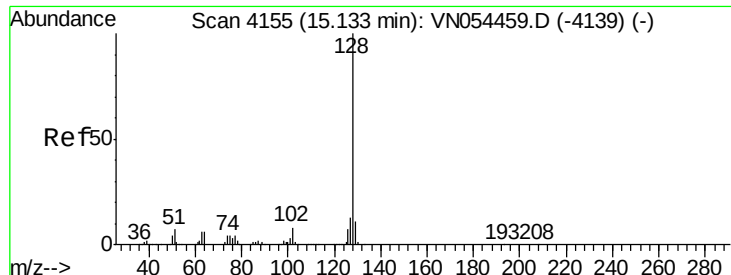
201 0.0 48.1 144.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#95

Naphthalene

Concen: 0.370 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054750.D

Acq: 28 Mar 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

TP-1

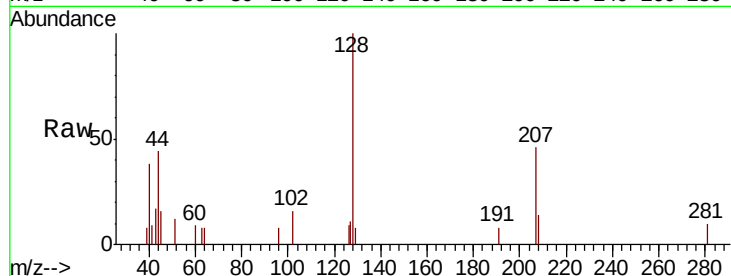
Tot Ion:128 Resp: 3828

Ion Ratio Lower Upper

128 100

127 6.4 10.1 15.1#

129 0.0 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

