

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041319\
 Data File : VN055014.D
 Acq On : 12 Apr 2019 21:58
 Operator : JC/SP
 Sample : K2358-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

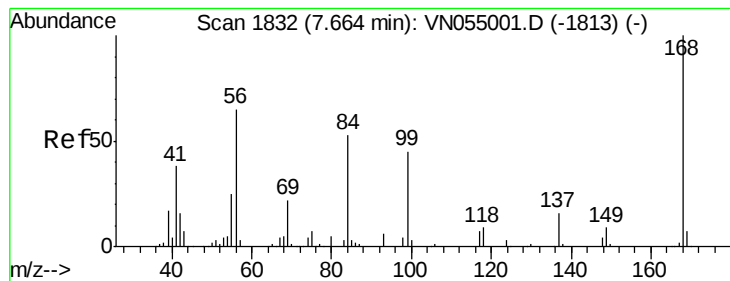
Quant Time: Apr 13 03:45:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 13 03:34:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	556108	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	868082	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	719630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	244886	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	345824	49.55	ug/l	0.00
Spiked Amount			Recovery	=	99.10%	
35) Dibromofluoromethane	7.59	113	275843	49.85	ug/l	0.00
Spiked Amount			Recovery	=	99.70%	
50) Toluene-d8	10.09	98	1025340	50.45	ug/l	0.00
Spiked Amount			Recovery	=	100.90%	
62) 4-Bromofluorobenzene	12.40	95	303315	44.30	ug/l	0.00
Spiked Amount			Recovery	=	88.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.61	56	408	0.787	ug/l #	67
16) Acetone	3.82	43	14521	7.574	ug/l	95
18) Methyl Acetate	4.33	43	5118	0.861	ug/l #	81
20) Methylene Chloride	4.55	84	131491	20.230	ug/l	97
25) 2-Butanone	6.87	43	4008	1.357	ug/l #	80
30) Chloroform	7.37	83	7677	0.700	ug/l	88
31) Cyclohexane	7.67	56	11675	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	41810	5.211	ug/l #	50
38) Carbon Tetrachloride	7.66	117	52101	6.899	ug/l #	16
43) Isopropyl Acetate	8.17	43	15705	1.525	ug/l	98
45) 1,2-Dichloropropane	9.28	63	1558	0.228	ug/l #	44
47) Bromodichloromethane	9.41	83	2258	0.283	ug/l #	79
48) Methyl methacrylate	9.18	41	8279	1.561	ug/l #	31
51) 4-Methyl-2-Pentanone	9.99	43	4294	0.712	ug/l	94
54) cis-1,3-Dichloropropene	9.91	75	48555	5.458	ug/l #	64
57) 1,3-Dichloropropane	10.77	76	9973	1.082	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.91	63	148	18.247	ug/l #	50
59) 2-Hexanone	10.77	43	154376	40.968	ug/l #	53
71) Bromoform	12.40	173	652	2.761	ug/l #	1
74) N-amyl acetate	11.88	43	14988	2.388	ug/l #	55
76) 1,2,3-Trichloropropane	12.40	75	153607	34.095	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	6272	0.370	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	153607	140.726	ug/l #	2
84) 1,2,4-Trimethylbenzene	13.04	105	7091	0.436	ug/l	96
93) 1,2,4-Trichlorobenzene	14.91	180	797	3.715	ug/l #	46
94) Hexachlorobutadiene	15.01	225	69	Below Cal	#	37
95) Naphthalene	15.13	128	32343	7.808	ug/l	98

(#) = 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: VN055014.D

Acq: 12 Apr 2019 21:58

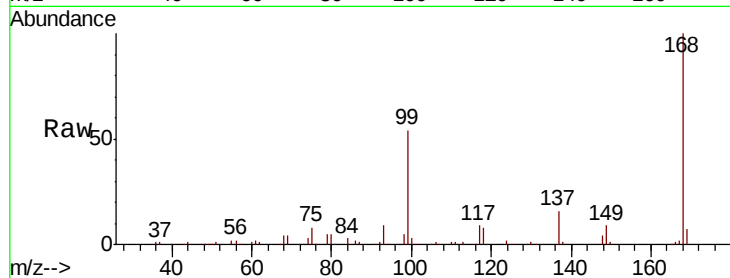
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 556108

Ion Ratio Lower Upper

168 100

99 53.7 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

150000

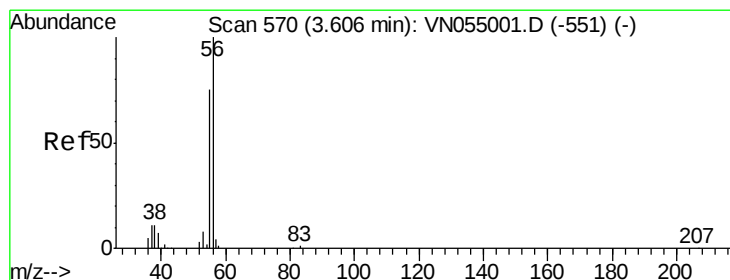
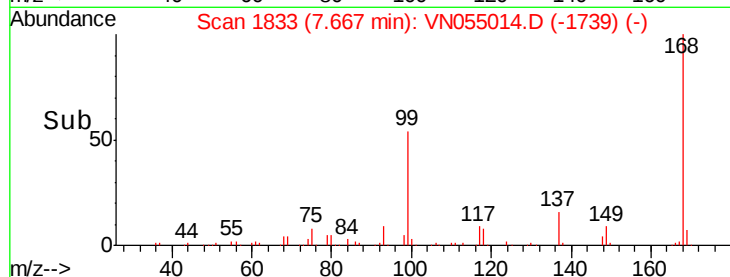
100000

50000

0

7.60 7.70 7.80

Time-->



#13

Acrolein

Concen: 0.787 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN055014.D

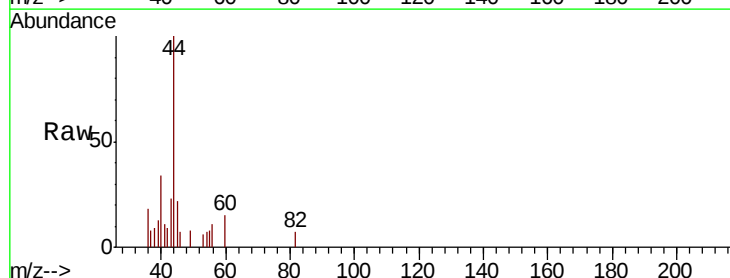
Acq: 12 Apr 2019 21:58

Tgt Ion: 56 Resp: 408

Ion Ratio Lower Upper

56 100

55 102.5 59.5 89.3#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 55.00 (54.70 to 55.70): VN

3.61

300

250

200

150

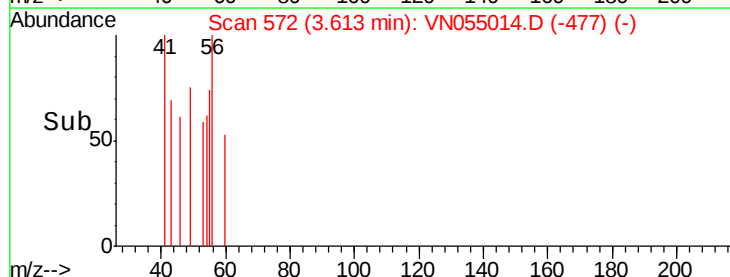
100

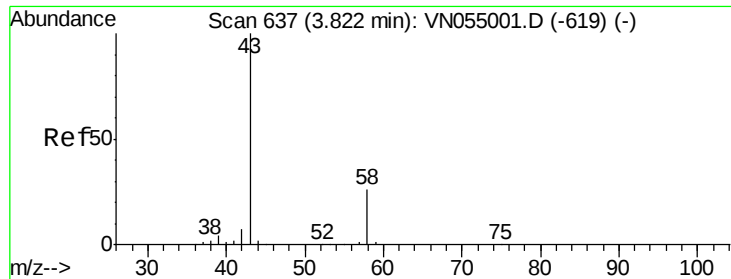
50

0

3.58 3.60 3.62 3.64

Time-->





#16

Acetone

Concen: 7.574 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055014.D

Acq: 12 Apr 2019 21:58

Instrument :

MSVOA_N

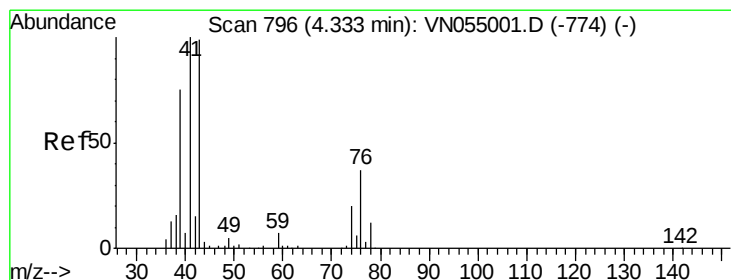
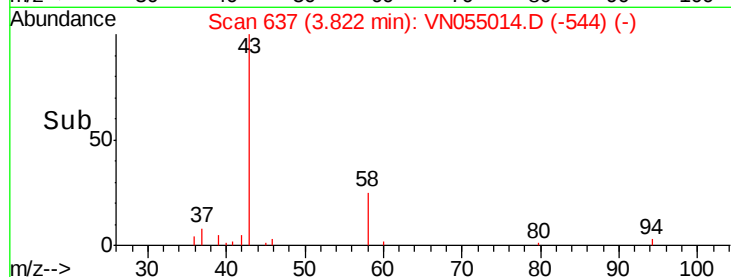
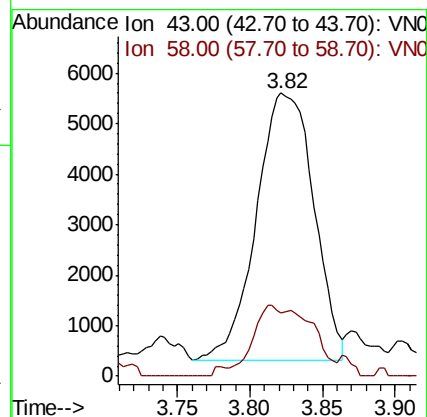
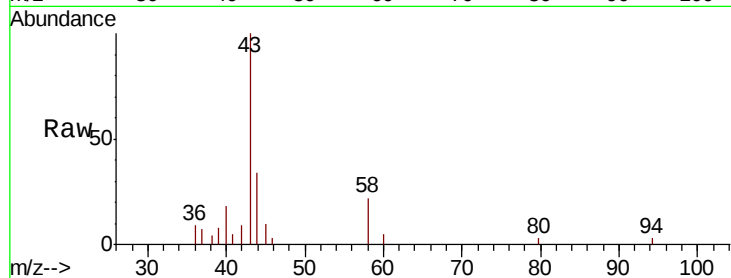
ClientSampled :

Tot Ion: 43 Resp: 14521

Ion Ratio Lower Upper

43 100

58 23.7 20.9 31.3



#18

Methyl Acetate

Concen: 0.861 ug/l

RT: 4.33 min Scan# 795

Delta R.T. -0.00 min

Lab File: VN055014.D

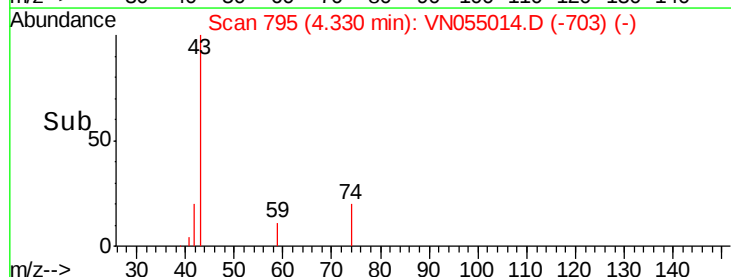
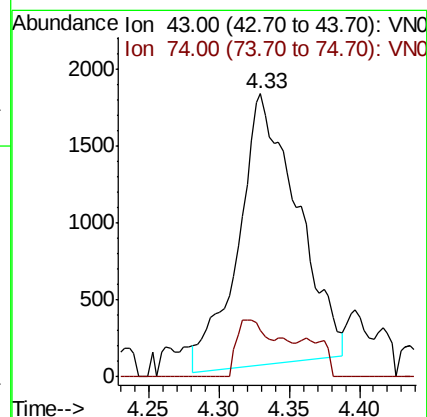
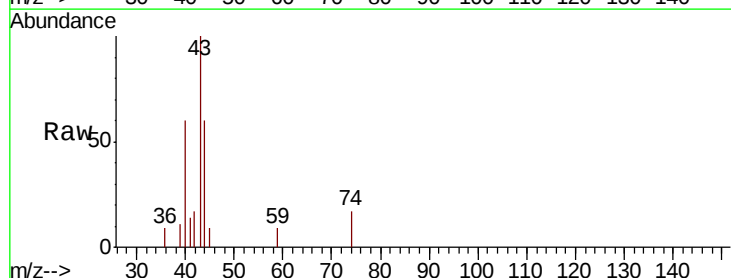
Acq: 12 Apr 2019 21:58

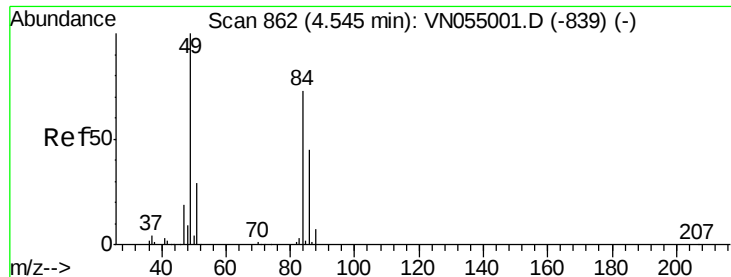
Tgt Ion: 43 Resp: 5118

Ion Ratio Lower Upper

43 100

74 11.1 16.1 24.1#

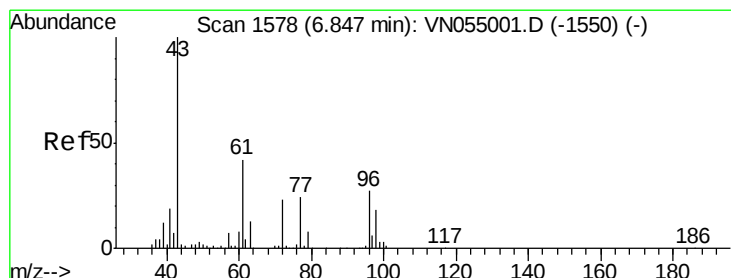
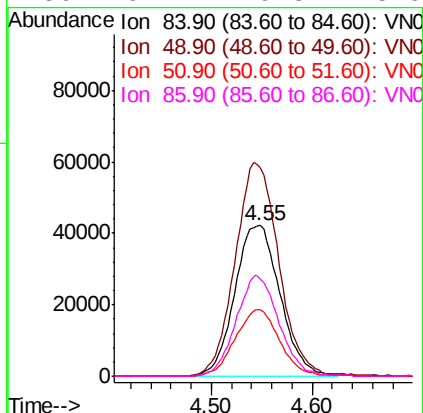
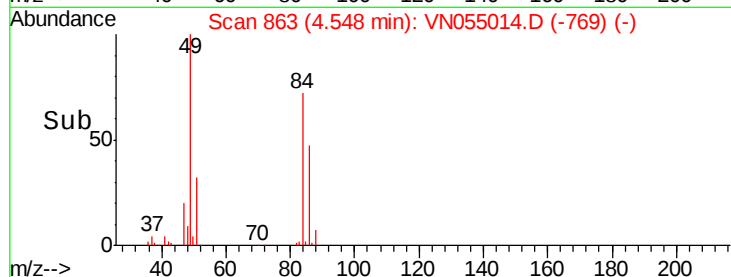
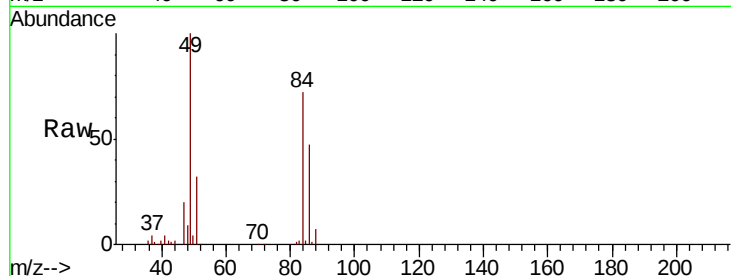




#20
Methvlene Chloride
Concen: 20.230 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN055014.D
Acq: 12 Apr 2019 21:58

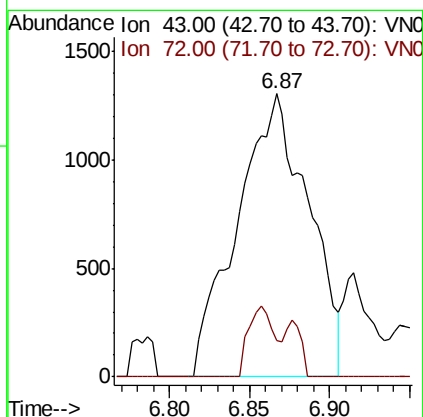
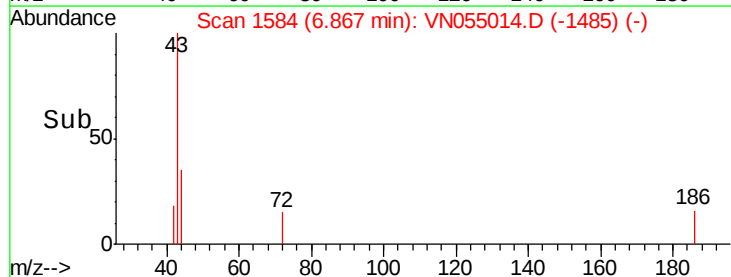
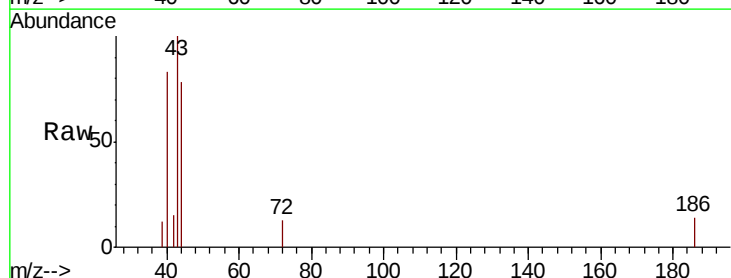
Instrument :
MSVOA_N
ClientSampled :

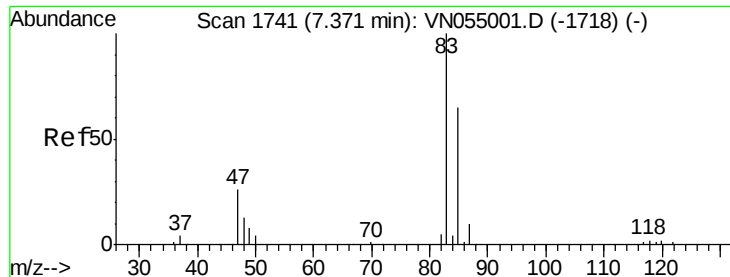
Tot Ion: 84 Resp: 131491
Ion Ratio Lower Upper
84 100
49 137.9 109.4 164.2
51 44.0 32.2 48.4
86 64.7 49.3 73.9



#25
2-Butanone
Concen: 1.357 ug/l
RT: 6.87 min Scan# 1584
Delta R.T. 0.02 min
Lab File: VN055014.D
Acq: 12 Apr 2019 21:58

Tgt Ion: 43 Resp: 4008
Ion Ratio Lower Upper
43 100
72 12.8 18.1 27.1#

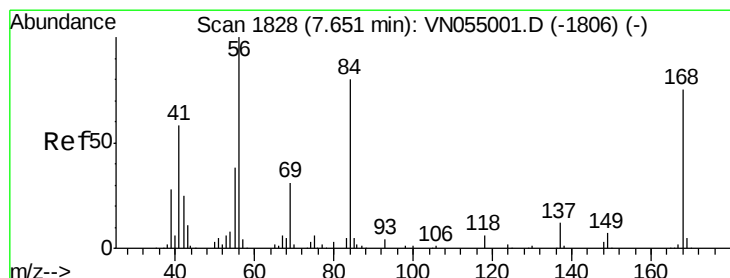
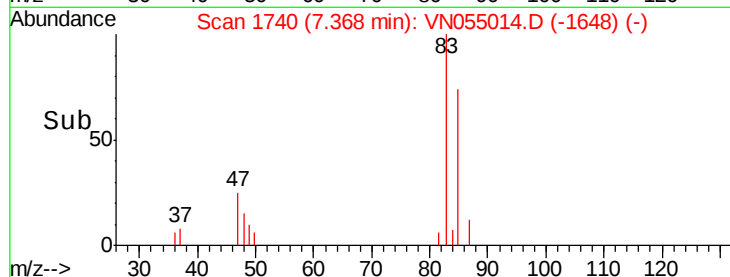
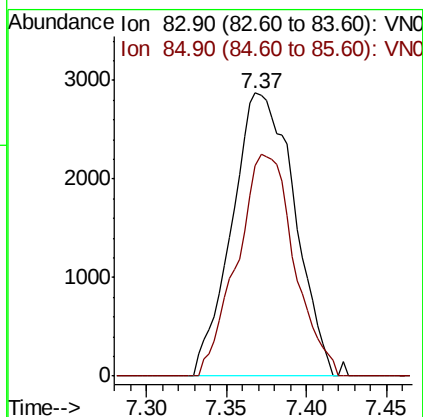
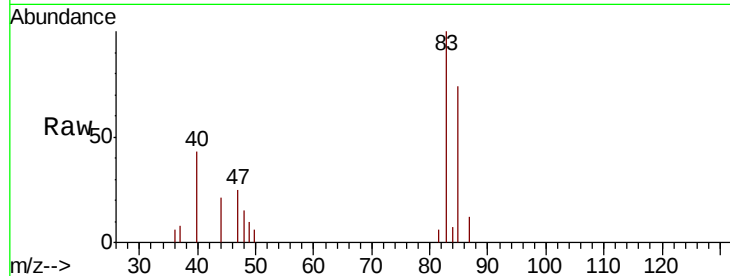




#30
Chloroform
Concen: 0.700 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VN055014.D
Acq: 12 Apr 2019 21:58

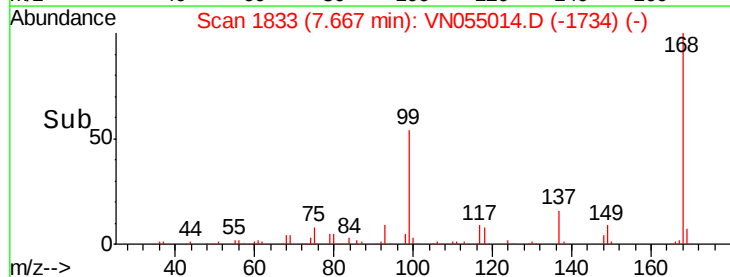
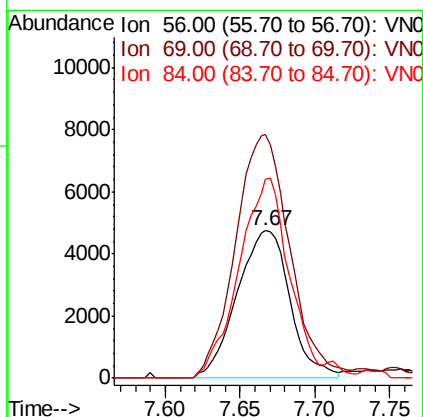
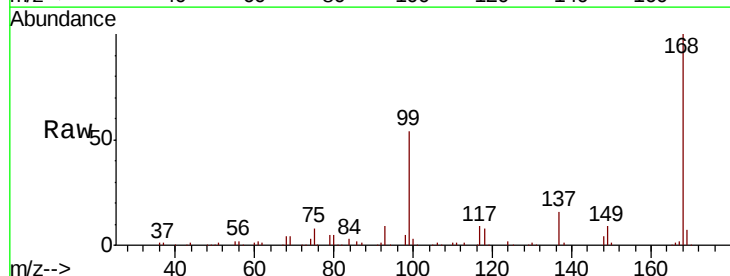
Instrument :
MSVOA_N
ClientSampleId :

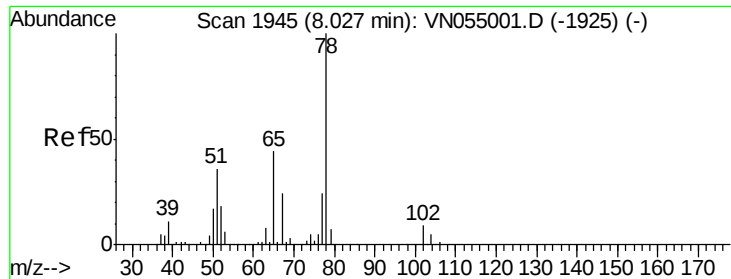
Tot Ion: 83 Resp: 7677
Ion Ratio Lower Upper
83 100
85 74.2 51.8 77.6



#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN055014.D
Acq: 12 Apr 2019 21:58

Tgt Ion: 56 Resp: 11675
Ion Ratio Lower Upper
56 100
69 165.6 24.5 36.7#
84 135.1 62.9 94.3#

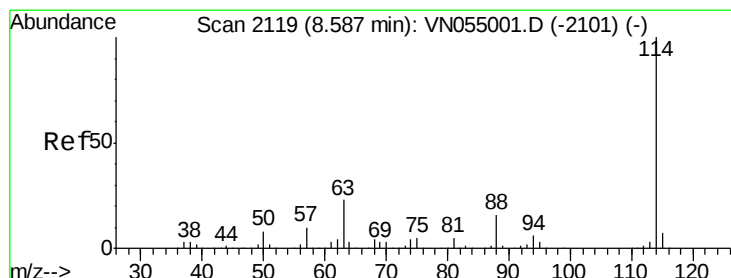
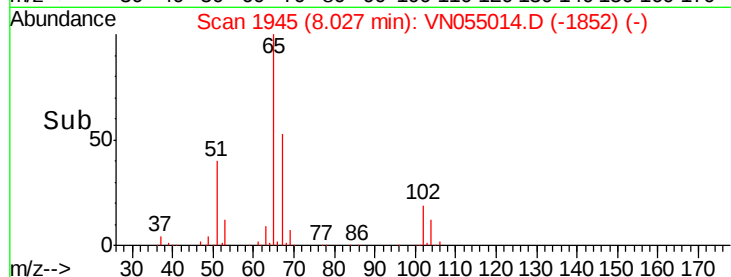
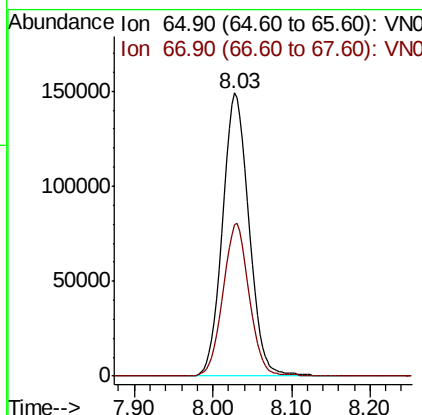
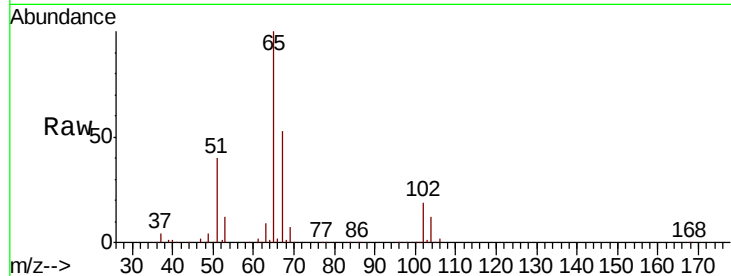




#33
 1,2-Dichloroethane-d4
 Concen: 49.553 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055014.D
 Acq: 12 Apr 2019 21:58

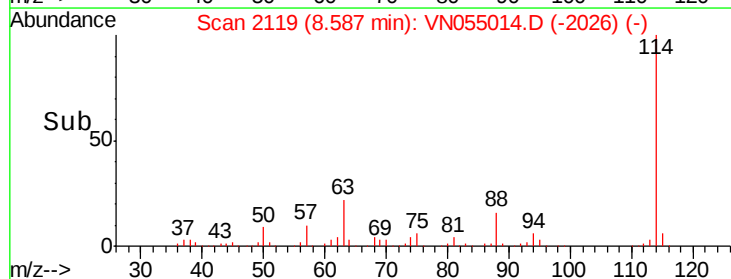
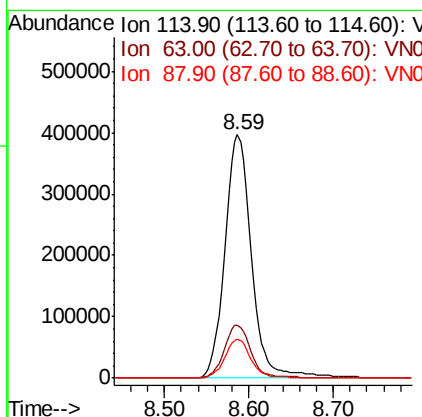
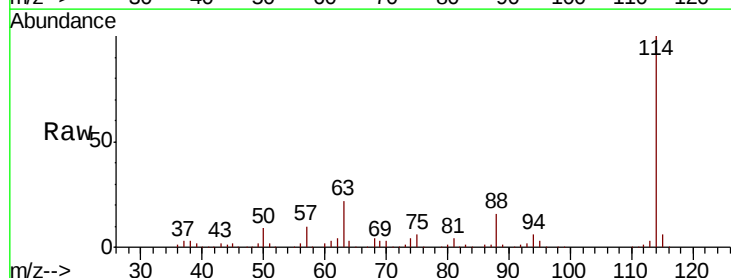
Instrument :
 MSVOA_N
 ClientSampleId :

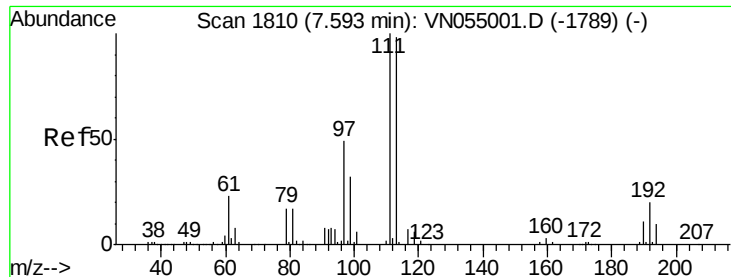
Tot Ion: 65 Resp: 345824
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055014.D
 Acq: 12 Apr 2019 21:58

Tgt Ion: 114 Resp: 868082
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 45.2
 88 16.0 0.0 31.8

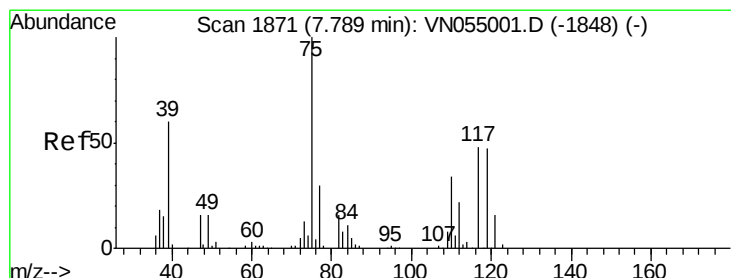
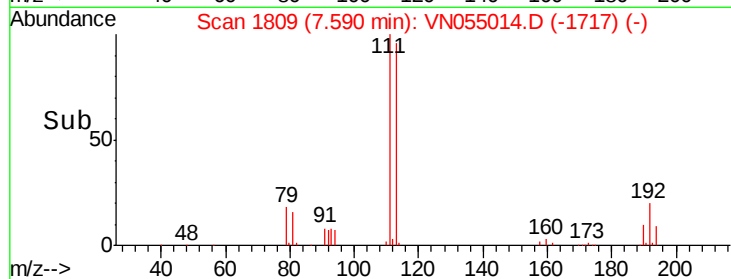
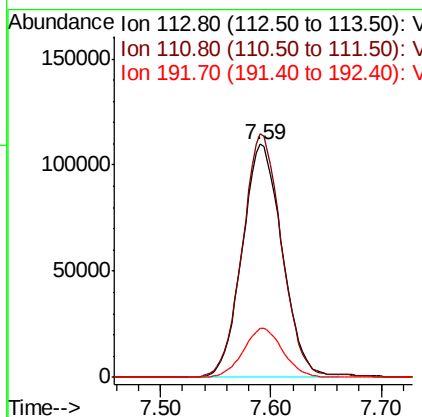
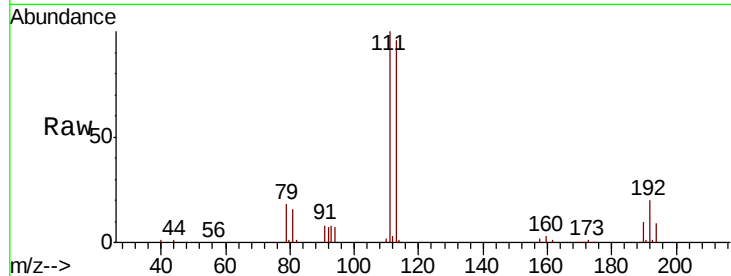




#35
 Dibromofluoromethane
 Concen: 49.847 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055014.D
 Acq: 12 Apr 2019 21:58

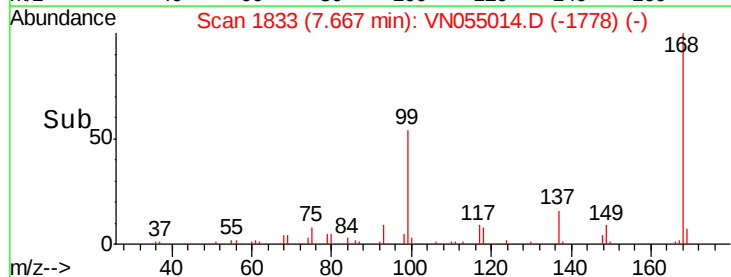
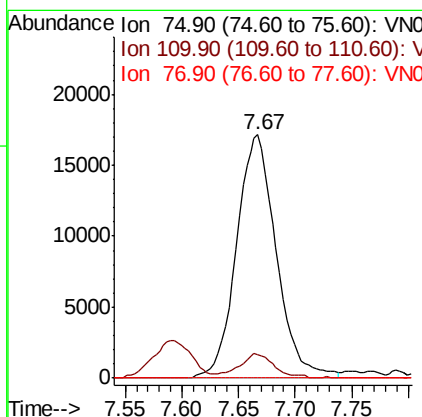
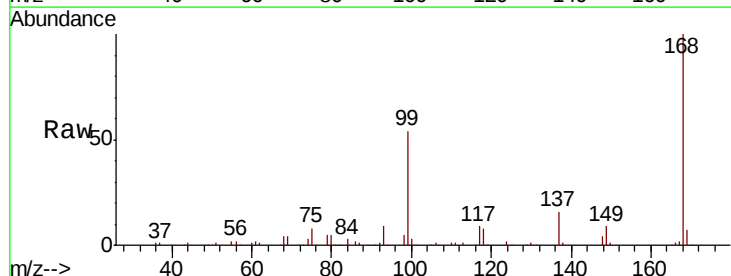
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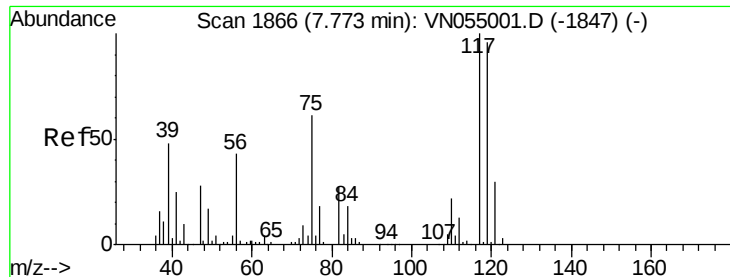
Tot Ion:113 Resp: 275843
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.1 123.1
 192 20.7 16.5 24.7



#36
 1,1-Dichloropropene
 Concen: 5.211 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN055014.D
 Acq: 12 Apr 2019 21:58

Tgt Ion: 75 Resp: 41810
 Ion Ratio Lower Upper
 75 100
 110 8.9 17.5 52.5#
 77 0.0 24.9 37.3#

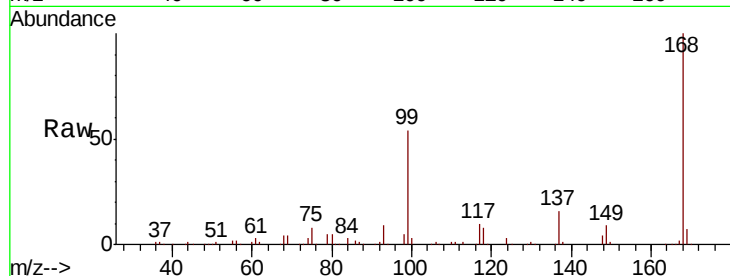




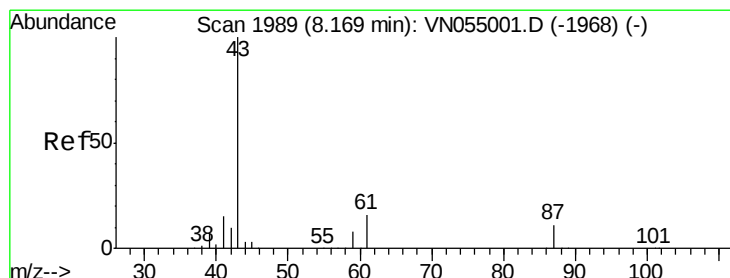
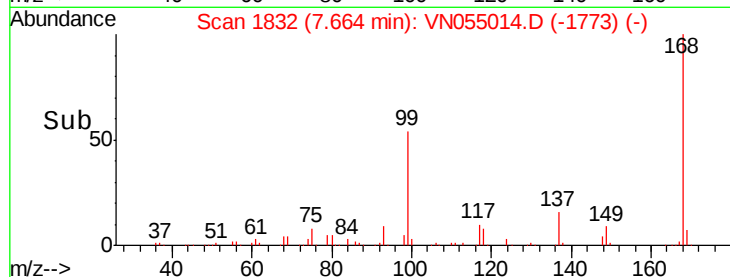
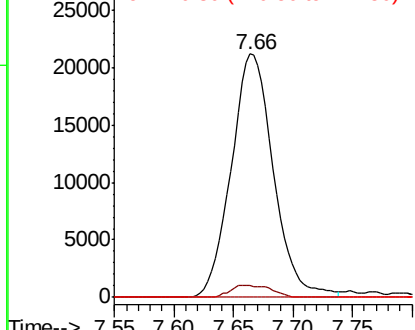
#38
Carbon Tetrachloride
Concen: 6.899 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN055014.D
Acq: 12 Apr 2019 21:58

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 52101
Ion Ratio Lower Upper
117 100
119 4.9 76.3 114.5#
121 0.0 23.9 35.9#

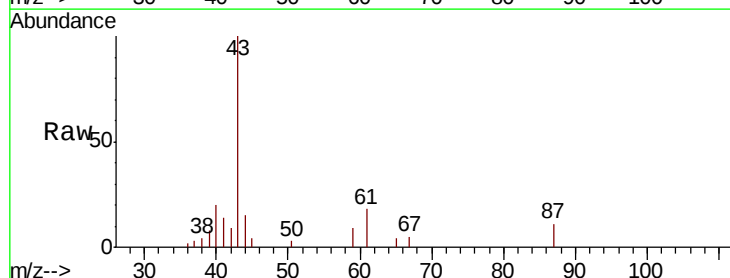


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

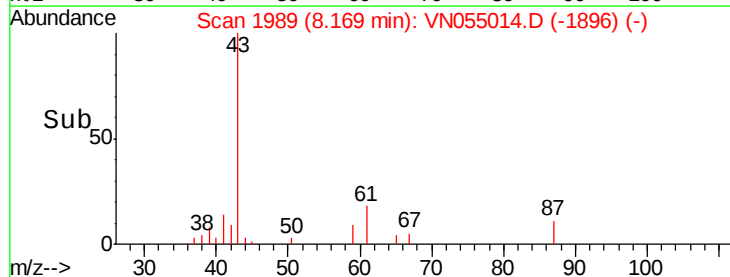
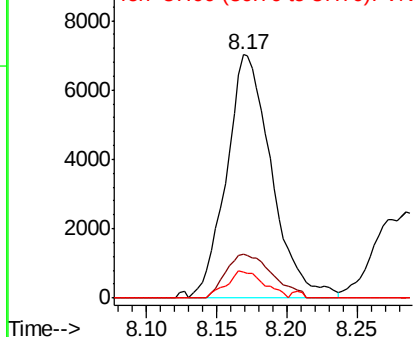


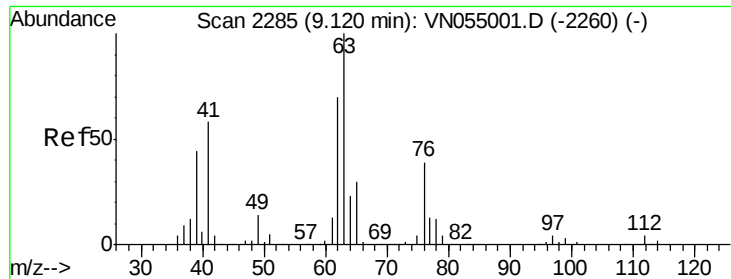
#43
Isopropyl Acetate
Concen: 1.525 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN055014.D
Acq: 12 Apr 2019 21:58

Tgt Ion: 43 Resp: 15705
Ion Ratio Lower Upper
43 100
61 18.4 14.3 21.5
87 9.2 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 61.00 (60.70 to 61.70): V
Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.228 ug/l

RT: 9.28 min Scan# 2334

Delta R.T. 0.16 min

Lab File: VN055014.D

Acq: 12 Apr 2019 21:58

Instrument :

MSVOA_N

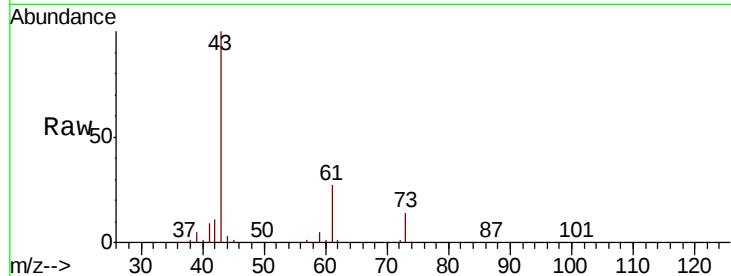
ClientSampled :

Tot Ion: 63 Resp: 1558

Ion Ratio Lower Upper

63 100

65 0.0 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.28

1000

800

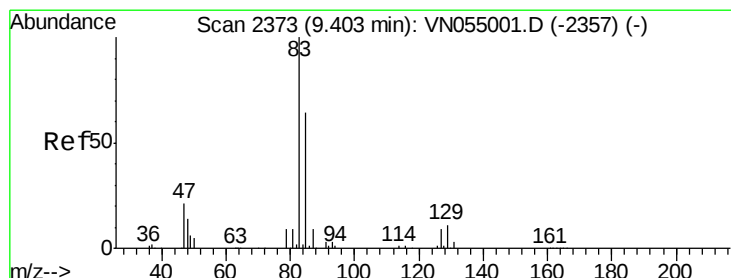
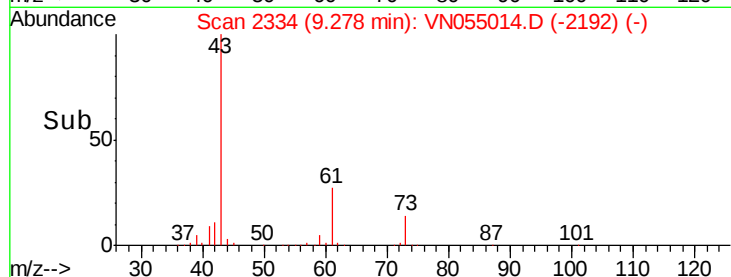
600

400

200

0

Time-->



#47

Bromodichloromethane

Concen: 0.283 ug/l

RT: 9.41 min Scan# 2374

Delta R.T. 0.00 min

Lab File: VN055014.D

Acq: 12 Apr 2019 21:58

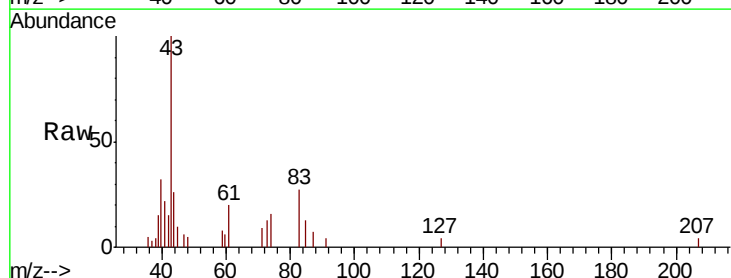
Tgt Ion: 83 Resp: 2258

Ion Ratio Lower Upper

83 100

85 47.6 51.2 76.8#

127 16.4 6.8 10.2#



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

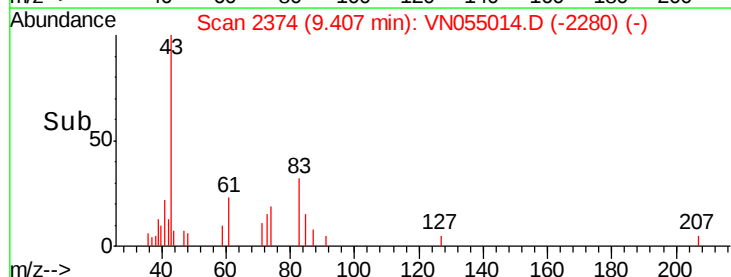
1500

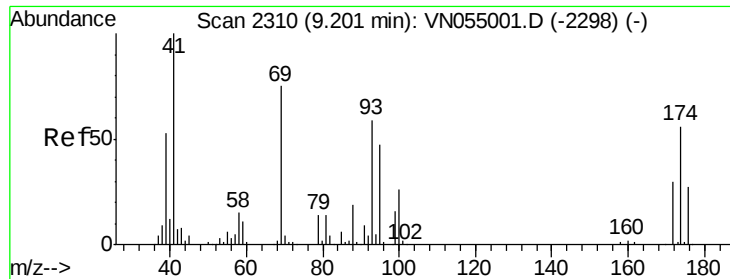
1000

500

0

Time-->

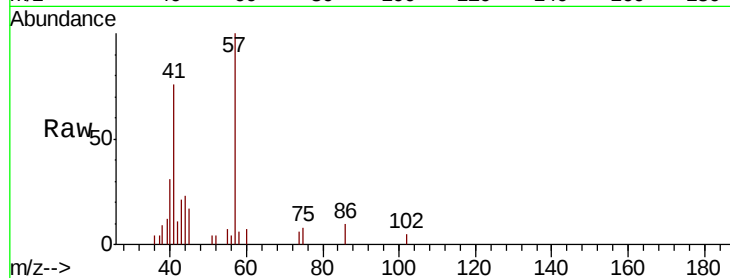




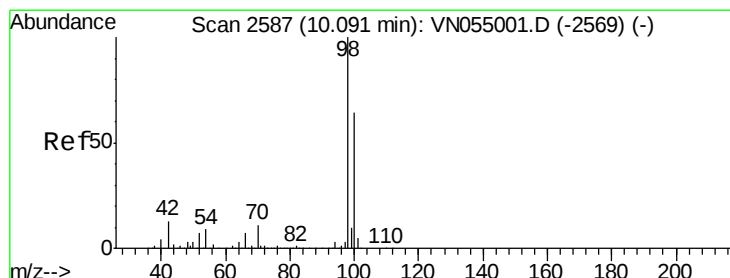
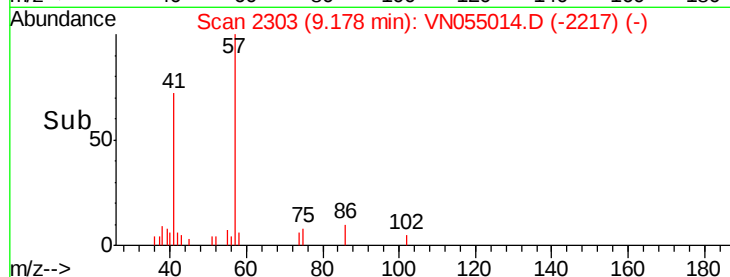
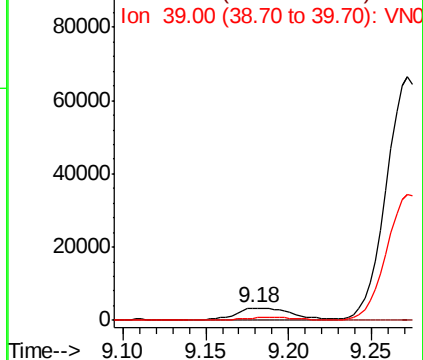
#48
Methyl methacrylate
Concen: 1.561 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN055014.D
Acq: 12 Apr 2019 21:58

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 8279
Ion Ratio Lower Upper
41 100
69 0.0 60.5 90.7#
39 23.8 43.9 65.9#

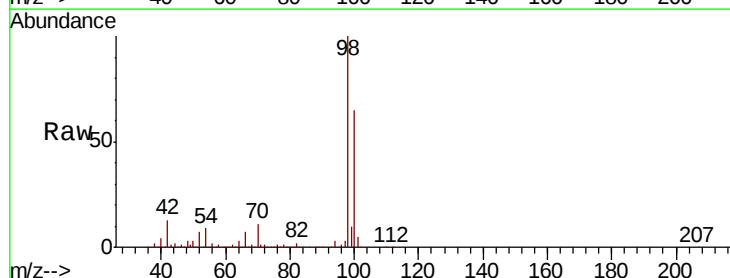


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

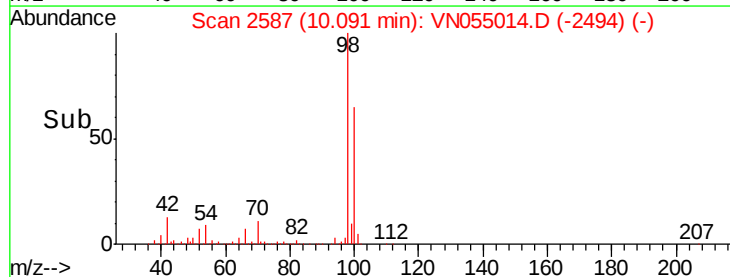
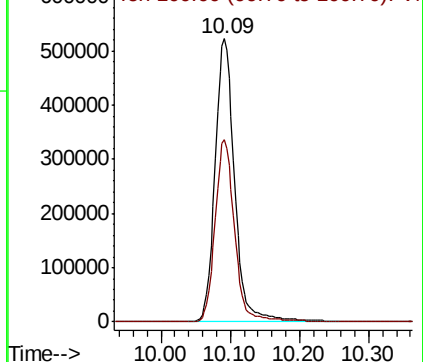


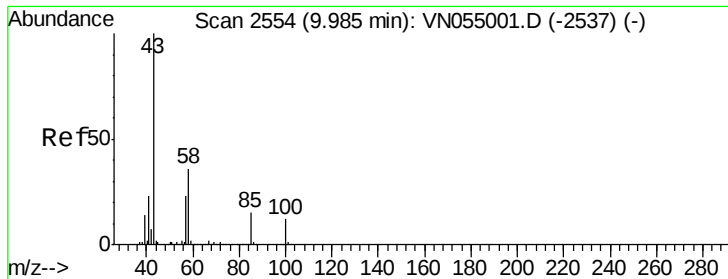
#50
Toluene-d8
Concen: 50.447 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055014.D
Acq: 12 Apr 2019 21:58

Tgt Ion: 98 Resp: 1025340
Ion Ratio Lower Upper
98 100
100 64.1 51.1 76.7



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: 0.712 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN055014.D

Acq: 12 Apr 2019 21:58

Instrument :

MSVOA_N

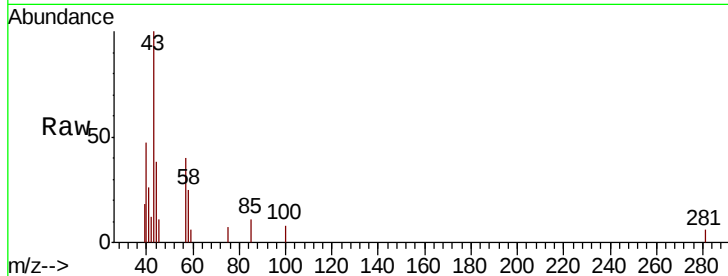
ClientSampled :

Tot Ion: 43 Resp: 4294

Ion Ratio Lower Upper

43 100

58 39.7 29.0 43.4



Abundance Ion 43.00 (42.70 to 43.70): VN055001.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN055001.D (-2537) (-)

5000

4000

3000

2000

1000

0

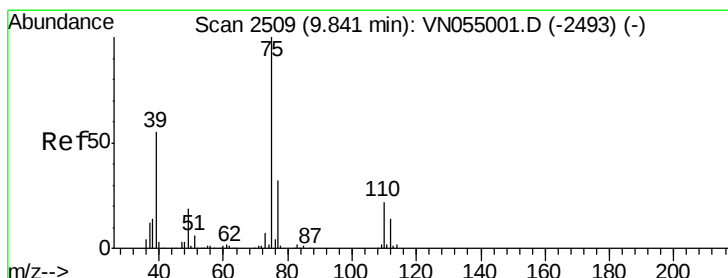
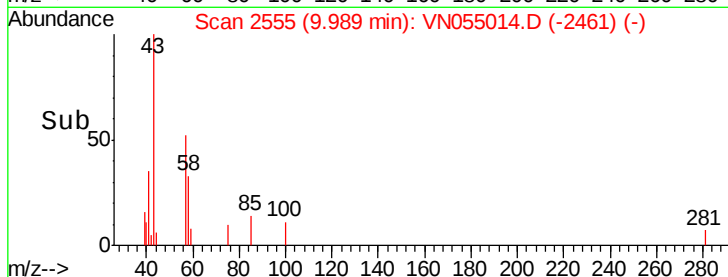
9.94

9.96

9.98

10.00

Time-->



#54

cis-1,3-Dichloropropene

Concen: 5.458 ug/l

RT: 9.91 min Scan# 2530

Delta R.T. 0.07 min

Lab File: VN055014.D

Acq: 12 Apr 2019 21:58

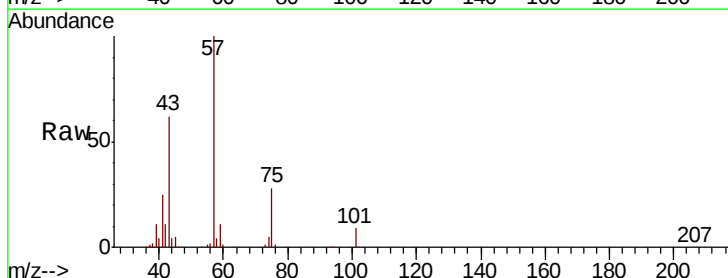
Tgt Ion: 75 Resp: 48555

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.6#

39 37.9 43.8 65.8#



Abundance Ion 74.90 (74.60 to 75.60): VN055001.D (-2493) (-)

Ion 76.90 (76.60 to 77.60): VN055001.D (-2493) (-)

Ion 39.00 (38.70 to 39.70): VN055001.D (-2493) (-)

40000

30000

20000

10000

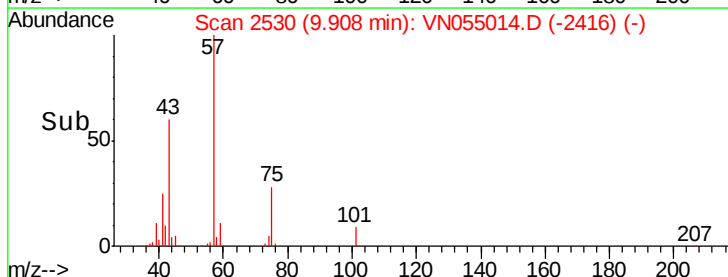
0

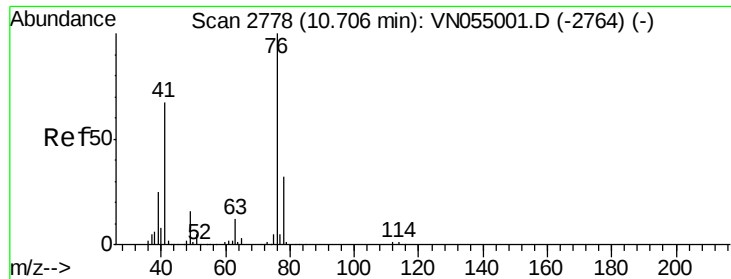
9.85

9.90

9.95

Time-->

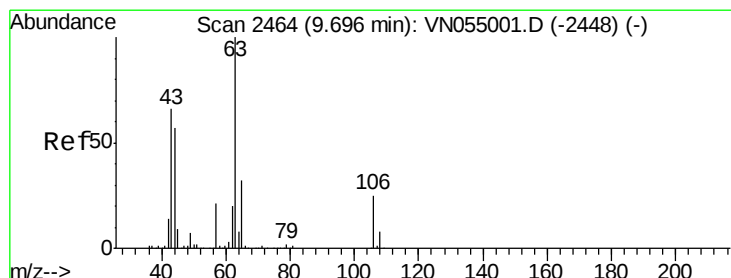
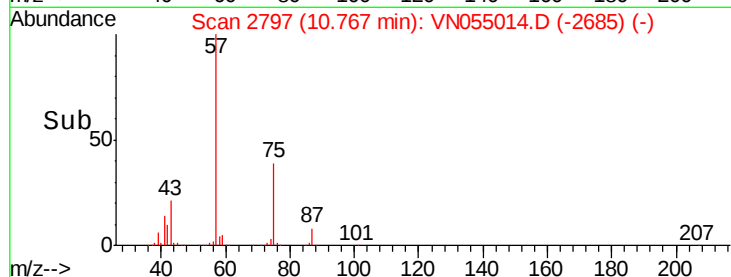
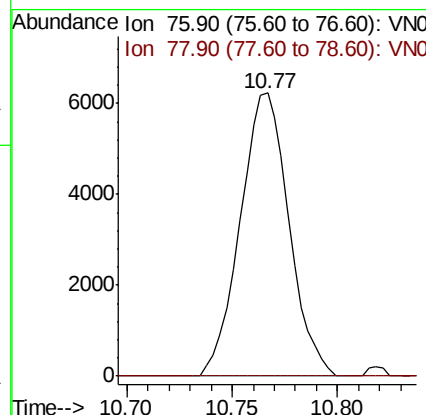
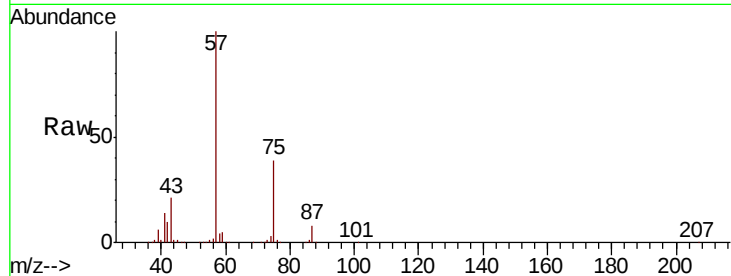




#57
 1,3-Dichloropropane
 Concen: 1.082 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.06 min
 Lab File: VN055014.D
 Acq: 12 Apr 2019 21:58

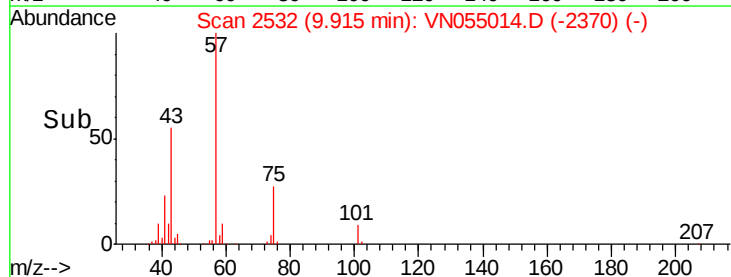
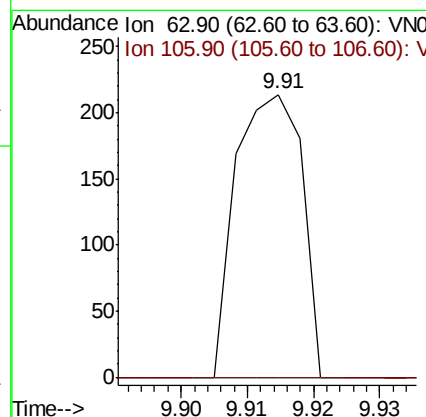
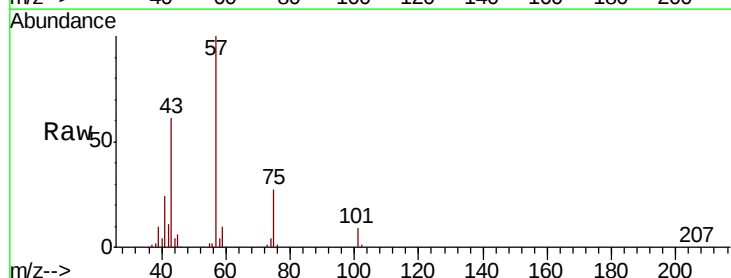
Instrument :
 MSVOA_N
 ClientSampled :

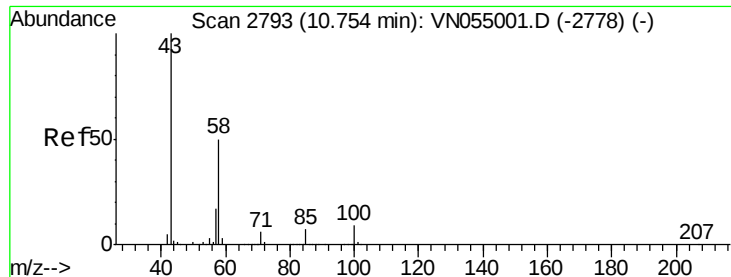
Tot Ion: 76 Resp: 9973
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#58
 2-Chloroethyl Vinyl ether
 Concen: 18.247 ug/l
 RT: 9.91 min Scan# 2532
 Delta R.T. 0.22 min
 Lab File: VN055014.D
 Acq: 12 Apr 2019 21:58

Tgt Ion: 63 Resp: 148
 Ion Ratio Lower Upper
 63 100
 106 0.0 20.0 30.0#

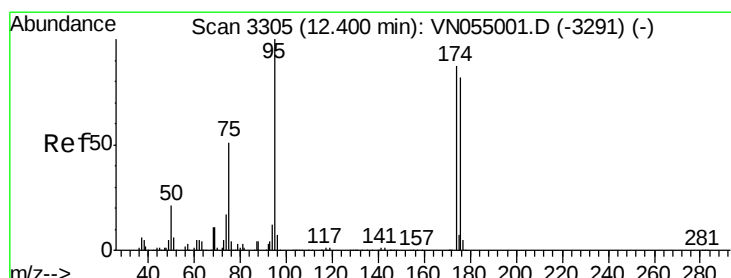
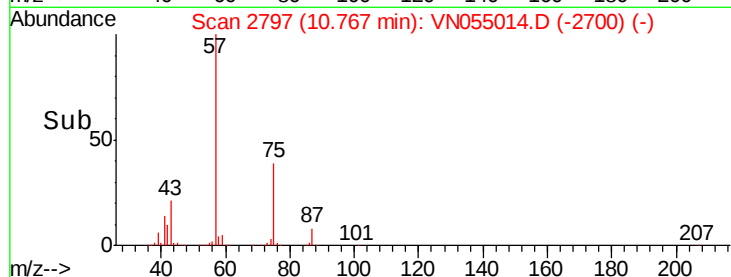
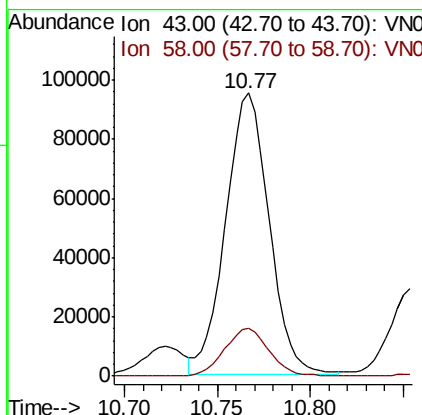
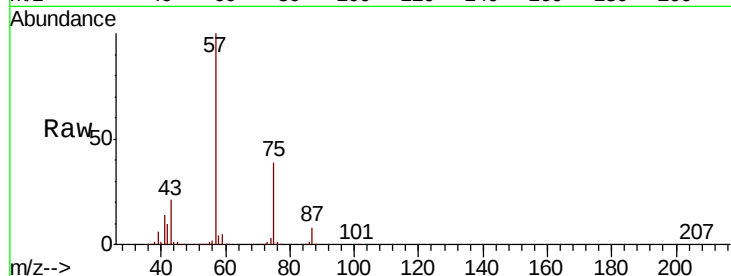




#59
2-Hexanone
Concen: 40.968 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN055014.D
Acq: 12 Apr 2019 21:58

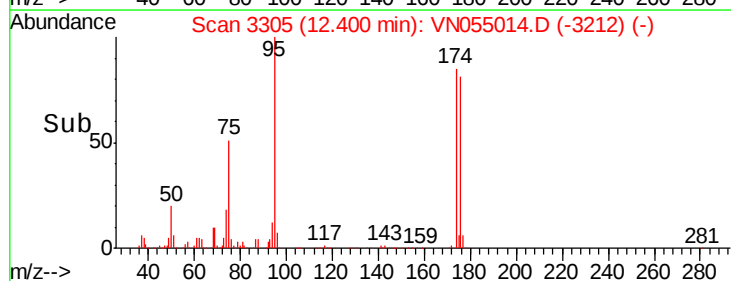
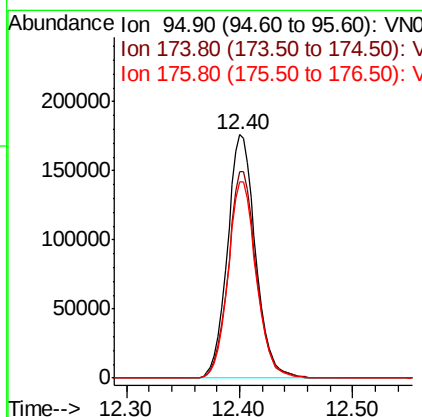
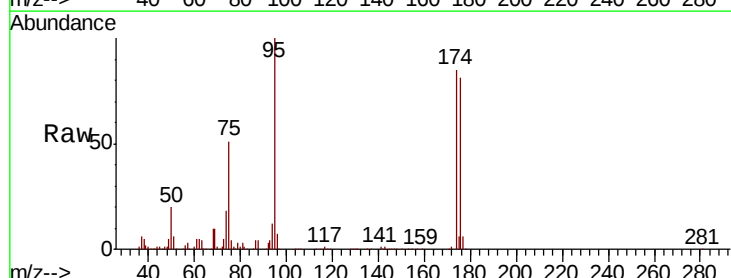
Instrument :
MSVOA_N
ClientSampled :

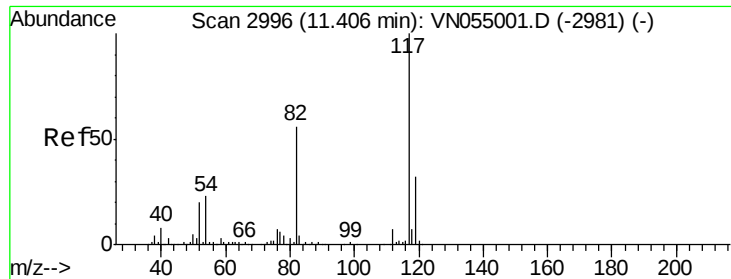
Tot Ion: 43 Resp: 154376
Ion Ratio Lower Upper
43 100
58 17.5 25.1 75.2#



#62
4-Bromofluorobenzene
Concen: 44.303 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055014.D
Acq: 12 Apr 2019 21:58

Tgt Ion: 95 Resp: 303315
Ion Ratio Lower Upper
95 100
174 84.9 0.0 174.4
176 81.1 0.0 166.8

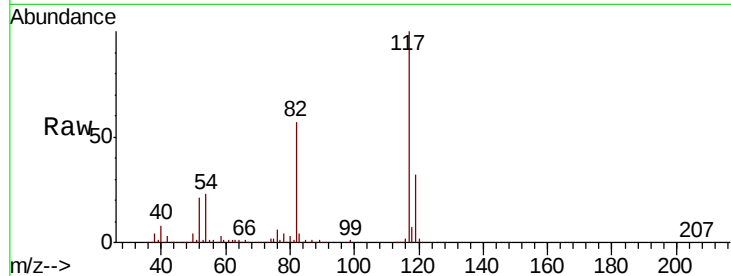




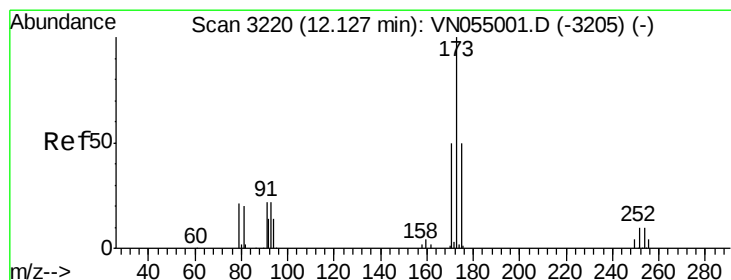
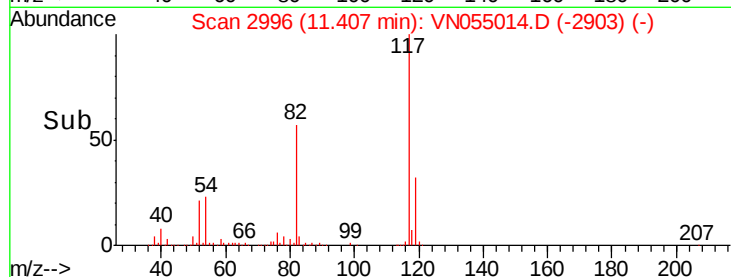
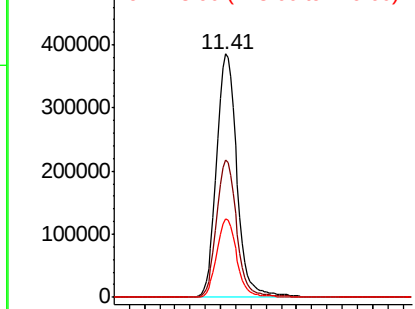
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055014.D
Acq: 12 Apr 2019 21:58

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 719630
Ion Ratio Lower Upper
117 100
82 56.5 44.6 66.8
119 32.4 25.5 38.3

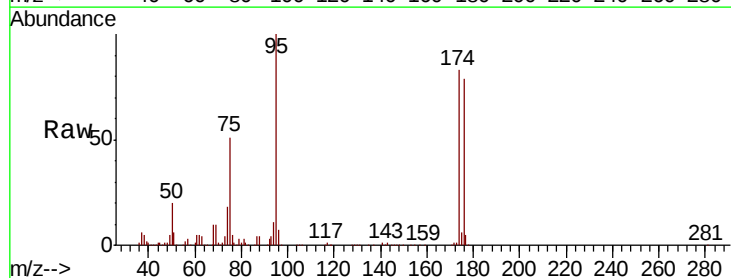


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

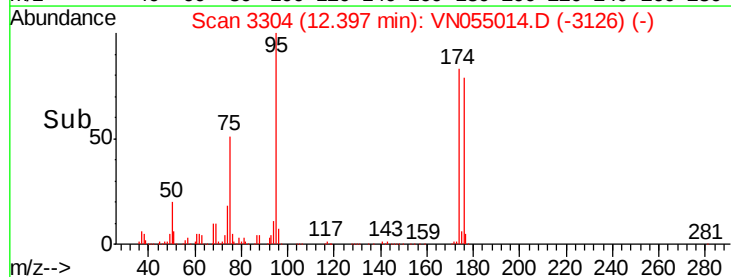
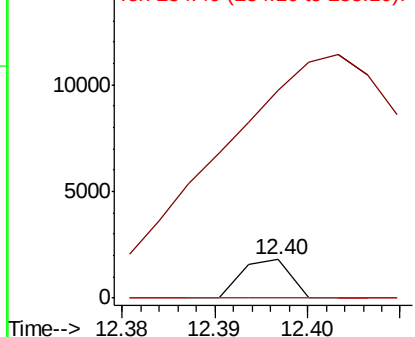


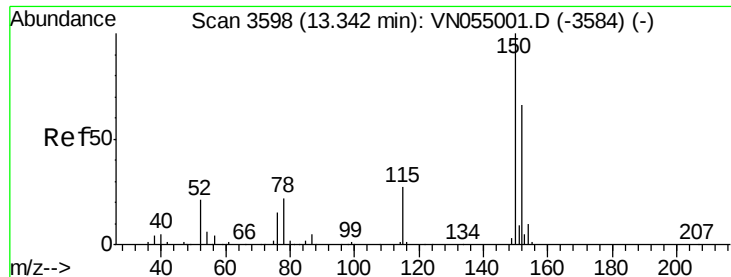
#71
Bromoform
Concen: 2.761 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN055014.D
Acq: 12 Apr 2019 21:58

Tgt Ion:173 Resp: 652
Ion Ratio Lower Upper
173 100
175 2533.6 24.3 73.0#
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: VN055014.D

Acq: 12 Apr 2019 21:58

Instrument :

MSVOA_N

ClientSampleId :

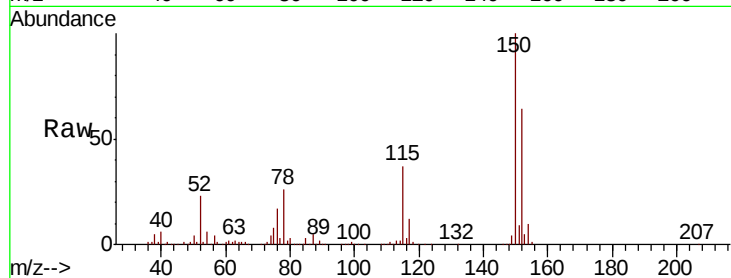
Tot Ion:152 Resp: 244886

Ion Ratio Lower Upper

152 100

115 57.1 28.5 85.6

150 153.3 0.0 347.2

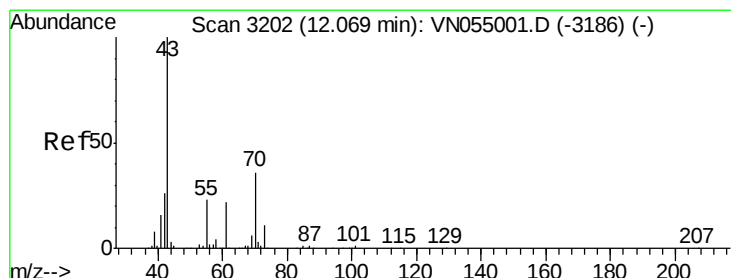
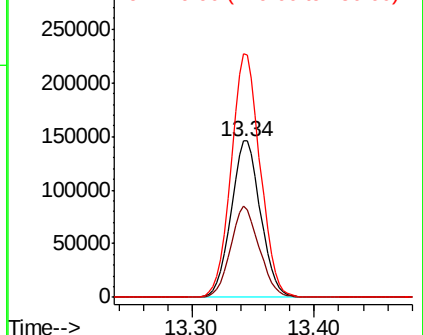
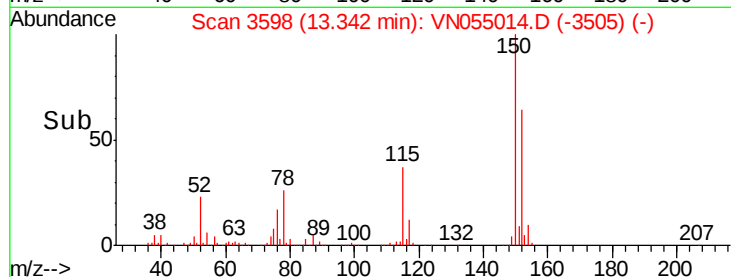


Abundance

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: 2.388 ug/l

RT: 11.88 min Scan# 3143

Delta R.T. -0.19 min

Lab File: VN055014.D

Acq: 12 Apr 2019 21:58

Tgt Ion: 43 Resp: 14988

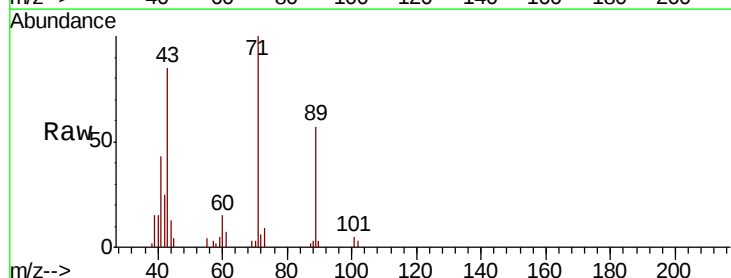
Ion Ratio Lower Upper

43 100

70 1.6 29.4 44.0#

55 4.8 19.0 28.4#

61 9.3 17.7 26.5#



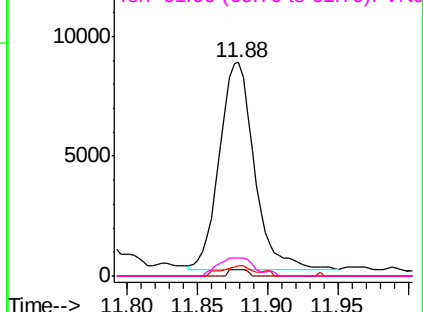
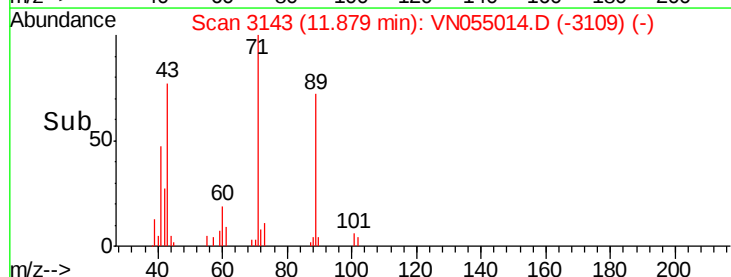
Abundance

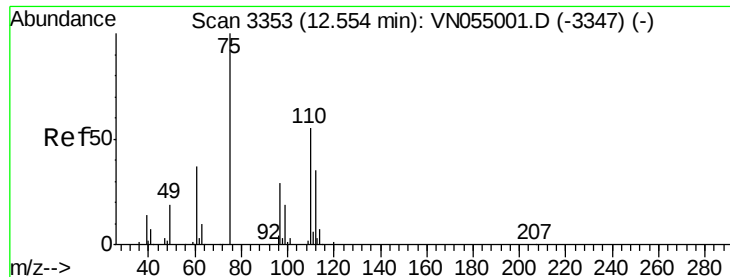
Ion 43.00 (42.70 to 43.70): V

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: 34.095 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055014.D

Acq: 12 Apr 2019 21:58

Instrument :

MSVOA_N

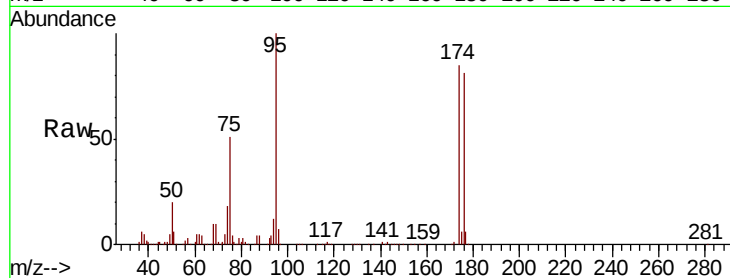
ClientSampleId :

Tot Ion: 75 Resp: 153607

Ion Ratio Lower Upper

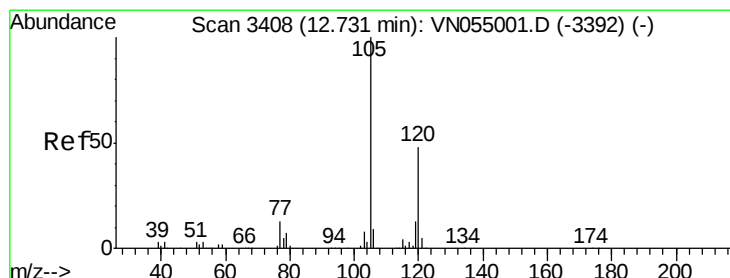
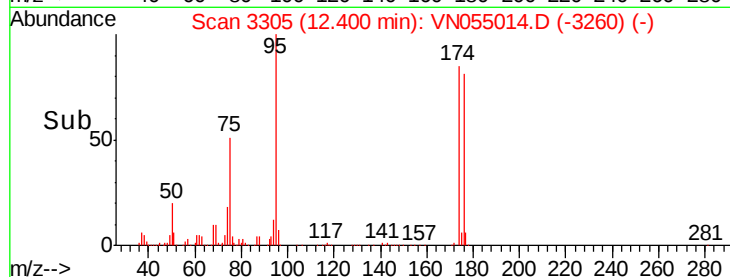
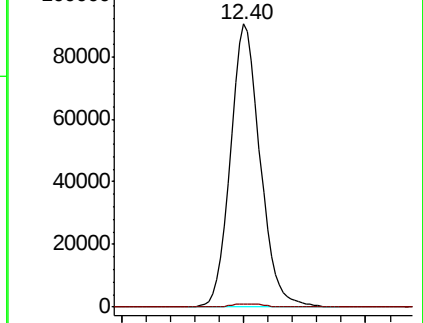
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#80

1,3,5-Trimethylbenzene

Concen: 0.370 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055014.D

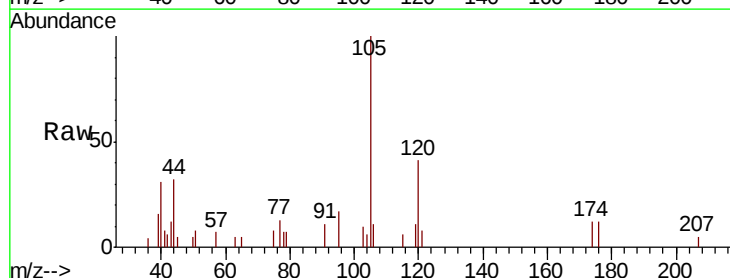
Acq: 12 Apr 2019 21:58

Tgt Ion:105 Resp: 6272

Ion Ratio Lower Upper

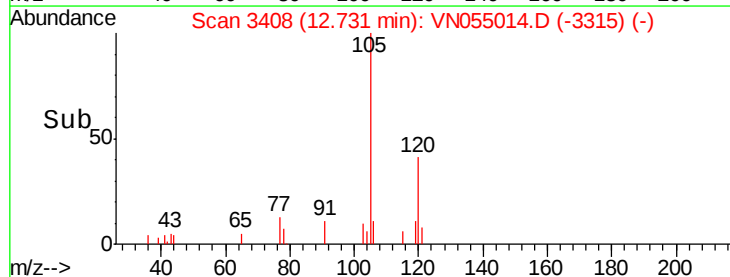
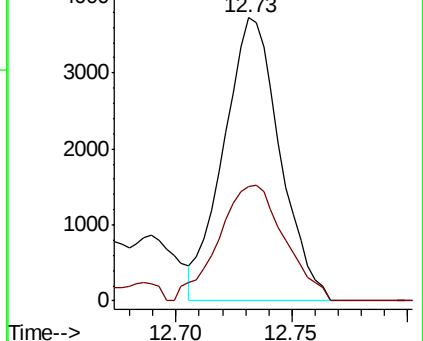
105 100

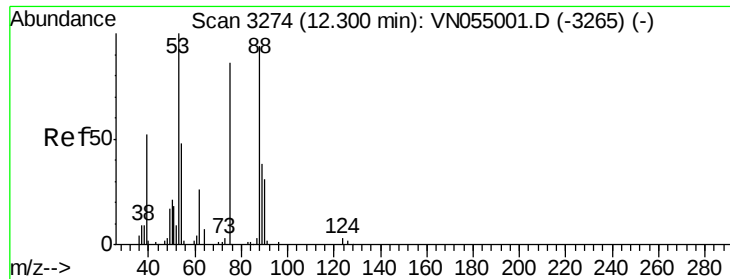
120 48.1 24.3 72.8



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: 140.726 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055014.D

Acq: 12 Apr 2019 21:58

Instrument :

MSVOA_N

ClientSampled :

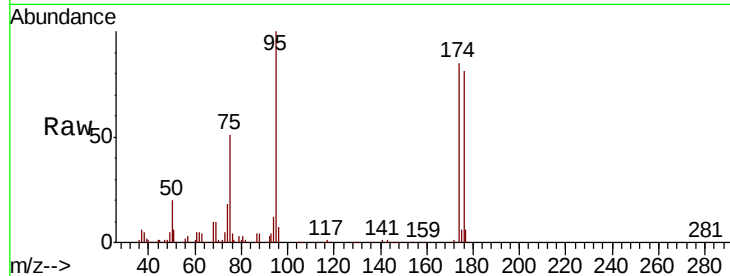
Tot Ion: 75 Resp: 153607

Ion Ratio Lower Upper

75 100

53 0.0 96.3 144.5#

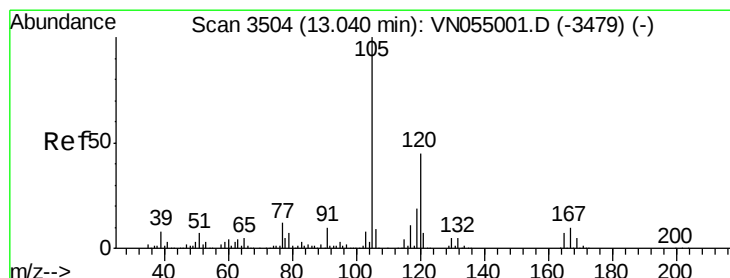
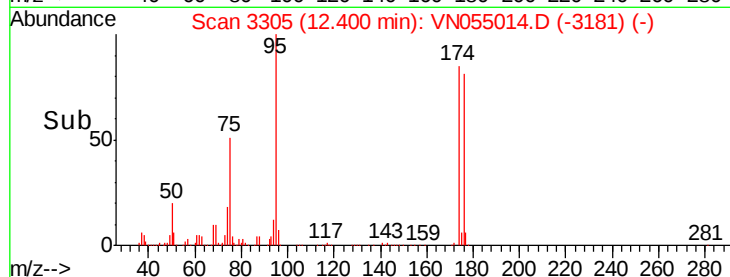
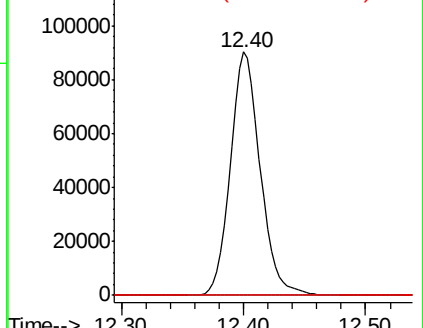
89 0.0 38.6 57.8#



Abundance Ion 74.90 (74.60 to 75.60): VN055001.D (-3265) (-)

Ion 53.00 (52.70 to 53.70): VN055001.D (-3265) (-)

Ion 88.90 (88.60 to 89.60): VN055001.D (-3265) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.436 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055014.D

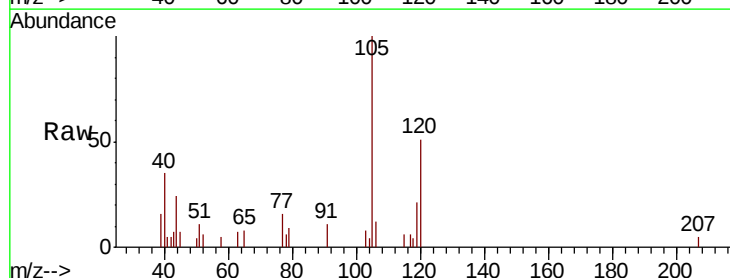
Acq: 12 Apr 2019 21:58

Tgt Ion:105 Resp: 7091

Ion Ratio Lower Upper

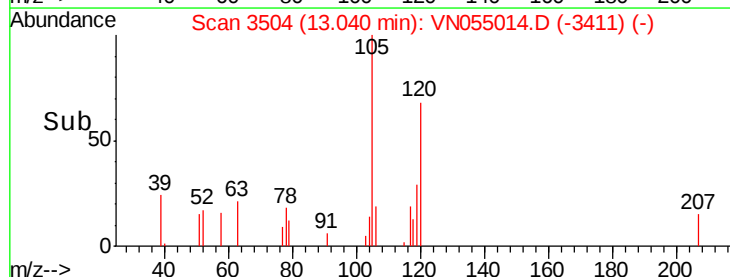
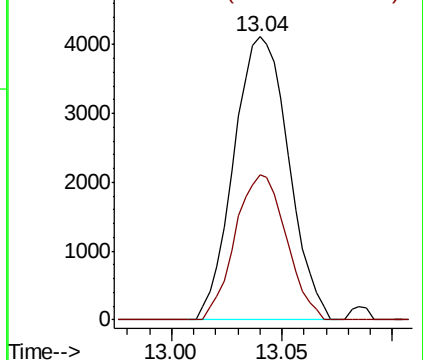
105 100

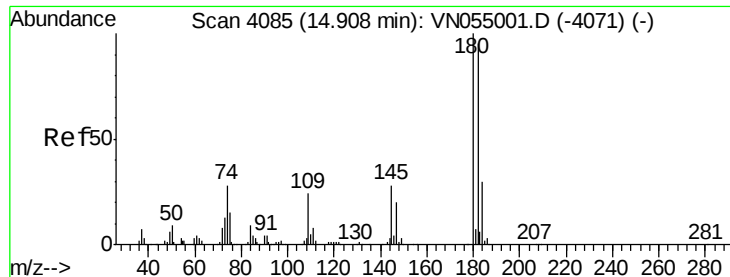
120 47.6 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): VN055001.D (-3479) (-)

Ion 120.00 (119.70 to 120.70): VN055001.D (-3479) (-)

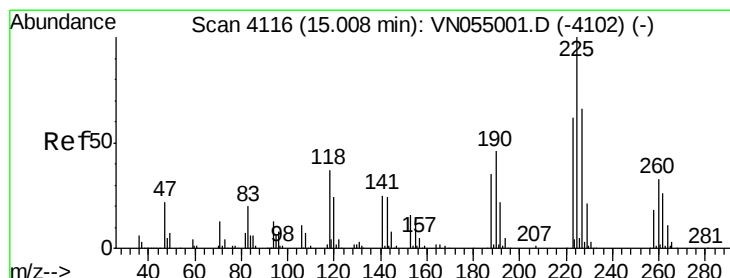
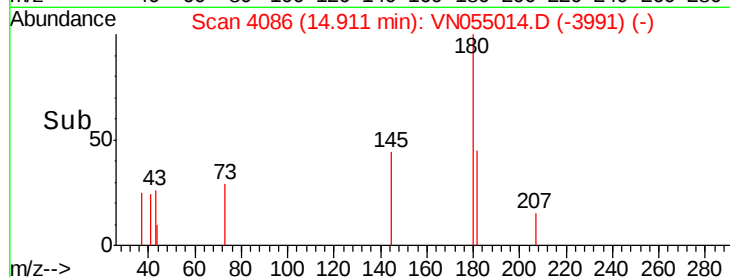
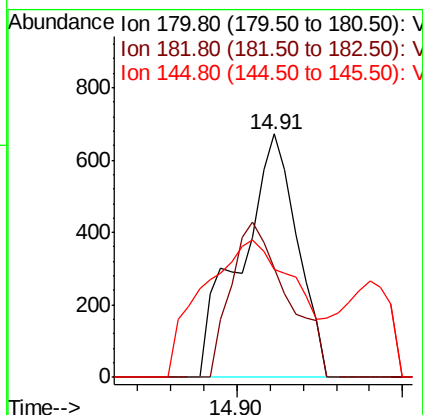
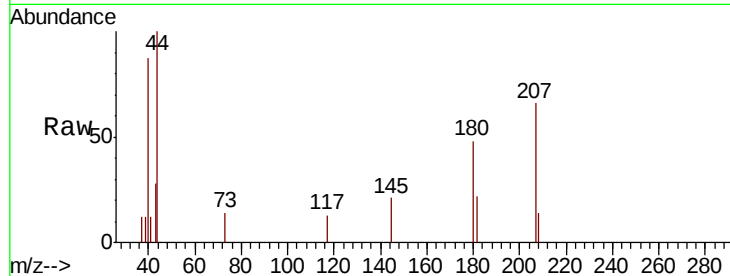




#93
 1,2,4-Trichlorobenzene
 Concen: 3.715 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN055014.D
 Acq: 12 Apr 2019 21:58

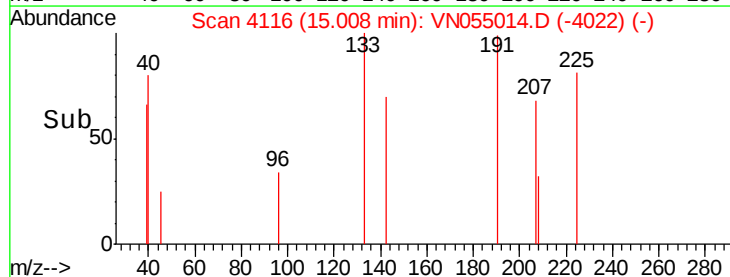
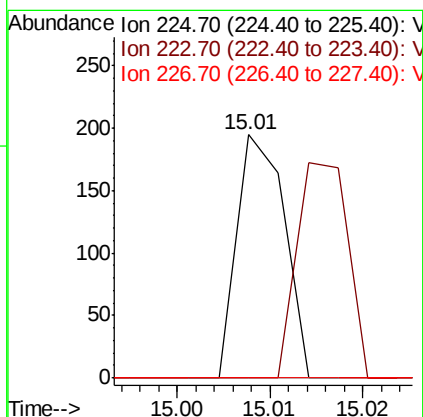
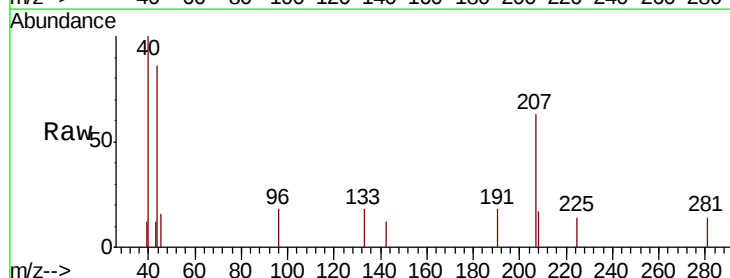
Instrument :
 MSVOA_N
 ClientSampleId :

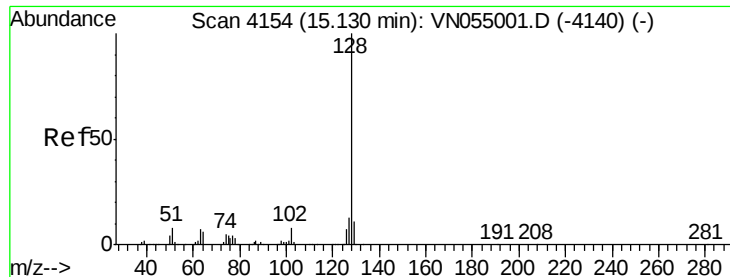
Tot Ion:180 Resp: 797
 Ion Ratio Lower Upper
 180 100
 182 63.7 47.5 142.6
 145 96.0 14.2 42.8#



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055014.D
 Acq: 12 Apr 2019 21:58

Tgt Ion:225 Resp: 69
 Ion Ratio Lower Upper
 225 100
 223 95.7 31.4 94.0#
 227 0.0 32.6 97.7#





#95

Naphthalene

Concen: 7.808 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055014.D

Acq: 12 Apr 2019 21:58

Instrument :

MSVOA_N

ClientSampleId :

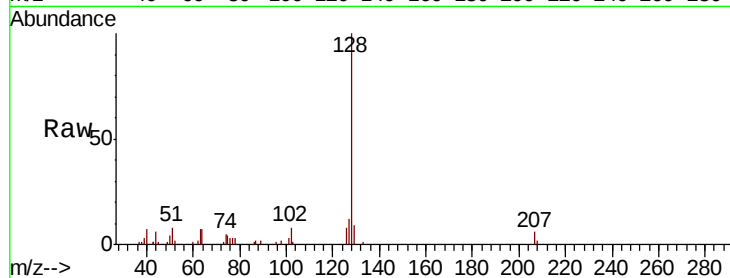
Tot Ion:128 Resp: 32343

Ion Ratio Lower Upper

128 100

127 13.2 10.1 15.1

129 9.8 8.8 13.2



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

