

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111918\
 Data File : VN052397.D
 Acq On : 19 Nov 2018 20:40
 Operator : MD\SY
 Sample : J5954-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 OWS-1

Quant Time: Nov 20 07:15:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	302334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	503328	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	439035	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	162398	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	220959	51.75	ug/l	0.00
Spiked Amount			Recovery	=	103.50%	
35) Dibromofluoromethane	7.59	113	166378	51.25	ug/l	0.00
Spiked Amount			Recovery	=	102.50%	
50) Toluene-d8	10.09	98	643413	50.38	ug/l	0.00
Spiked Amount			Recovery	=	100.76%	
62) 4-Bromofluorobenzene	12.40	95	198093	47.15	ug/l	0.00
Spiked Amount			Recovery	=	94.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.79	59	59	0.262	ug/l #	72
13) Acrolein	3.62	56	105	22.052	ug/l #	47
16) Acetone	3.82	43	31770	27.022	ug/l	89
17) Carbon Disulfide	4.06	76	2735	0.306	ug/l #	74
18) Methyl Acetate	4.33	43	1282	0.817	ug/l #	57
20) Methylene Chloride	4.56	84	90886	25.061	ug/l	98
25) 2-Butanone	6.85	43	17354	10.487	ug/l #	90
31) Cyclohexane	7.66	56	9485	0.409	ug/l #	30
36) 1,1-Dichloropropene	7.67	75	28811	5.711	ug/l #	52
37) Ethyl Acetate	6.85	43	17354	4.740	ug/l #	72
38) Carbon Tetrachloride	7.67	117	32928	7.104	ug/l #	16
41) Methacrylonitrile	7.17	41	102	3.742	ug/l #	100
43) Isopropyl Acetate	8.17	43	19428	2.750	ug/l #	90
48) Methyl methacrylate	9.18	41	5862	1.635	ug/l #	16
51) 4-Methyl-2-Pentanone	9.99	43	36158	10.167	ug/l	92
52) Toluene	10.16	92	1731822	200.872	ug/l	99
53) t-1,3-Dichloropropene	10.16	75	23219	4.738	ug/l #	1
54) cis-1,3-Dichloropropene	9.90	75	27499	4.923	ug/l #	72
57) 1,3-Dichloropropane	10.76	76	5266	0.951	ug/l #	43
59) 2-Hexanone	10.76	43	94267	38.537	ug/l #	56
67) Ethyl Benzene	11.51	91	5041	0.313	ug/l	100
68) m/p-Xylenes	11.62	106	4736	0.805	ug/l	96
69) o-Xylene	11.95	106	2309	0.409	ug/l	91
71) Bromoform	12.39	173	591	0.316	ug/l #	1
74) N-amyl acetate	12.03	43	2611	0.561	ug/l #	56
76) 1,2,3-Trichloropropane	12.40	75	115089	41.766	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	4073	0.392	ug/l	88
81) trans-1,4-Dichloro-2-buten	12.40	75	115089	135.462	ug/l #	5
84) 1,2,4-Trimethylbenzene	13.04	105	10942	1.050	ug/l	100
86) p-Isopropyltoluene	13.29	119	28162	2.662	ug/l	97
90) Hexachloroethane	13.89	117	391	0.209	ug/l #	14
95) Naphthalene	15.13	128	15744	5.201	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Nov 15 03:02:37 2018
Response via : Initial Calibration

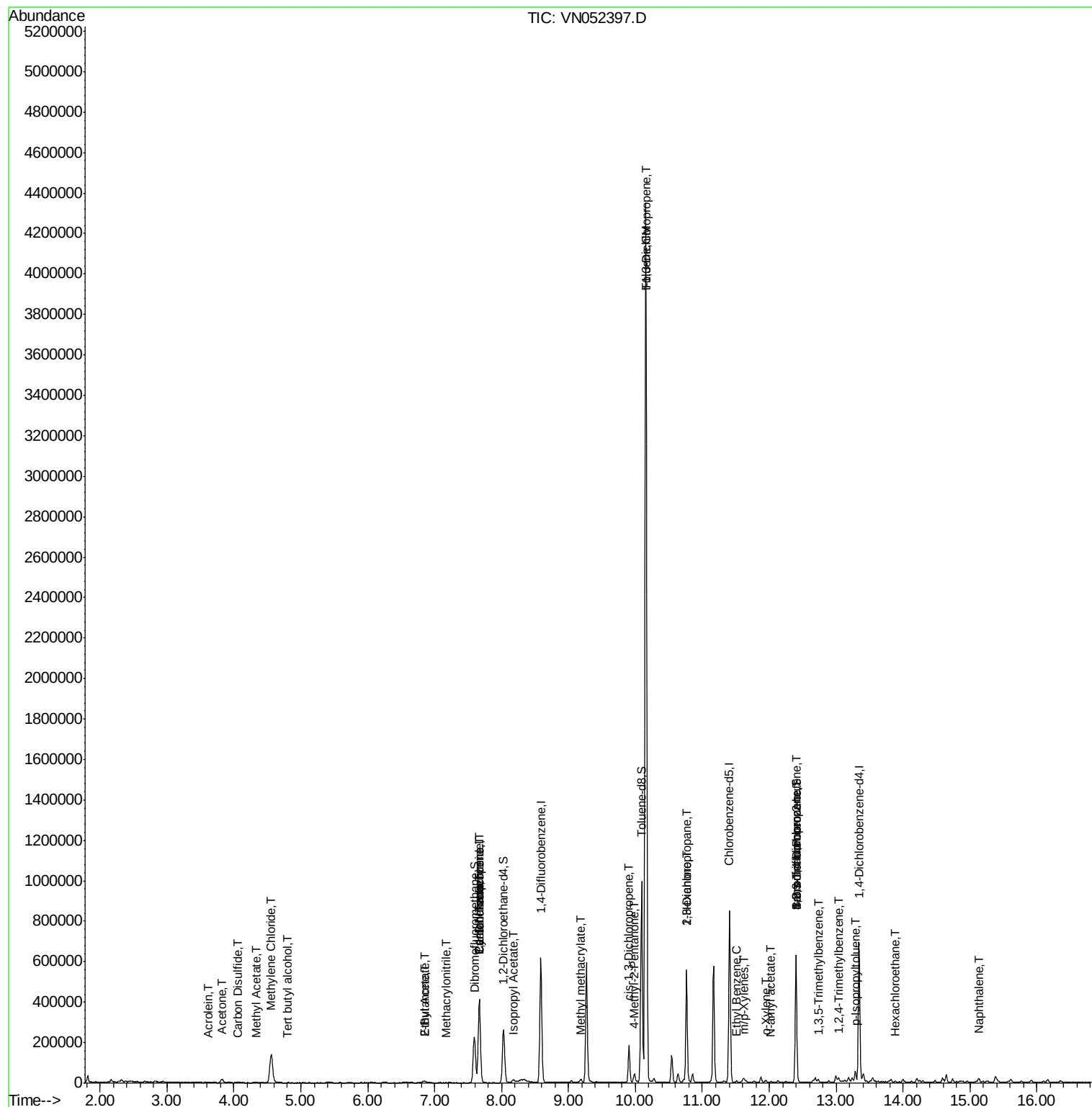
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

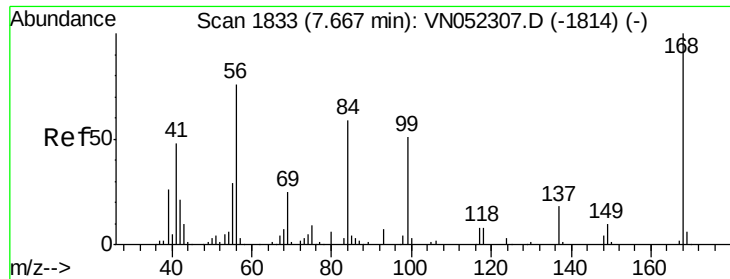
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN052397.D

Acq: 19 Nov 2018 20:40

Instrument :

MSVOA_N

ClientSampleId :

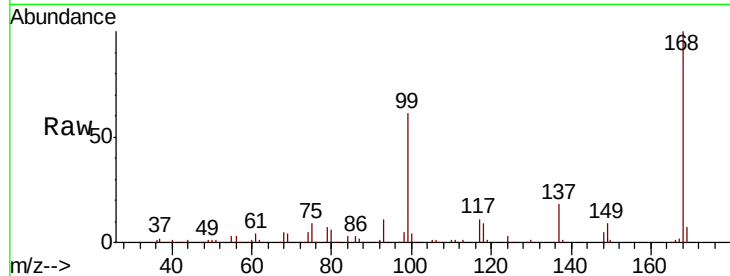
OWS-1

Tot Ion:168 Resp: 302334

Ion Ratio Lower Upper

168 100

99 61.4 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

150000

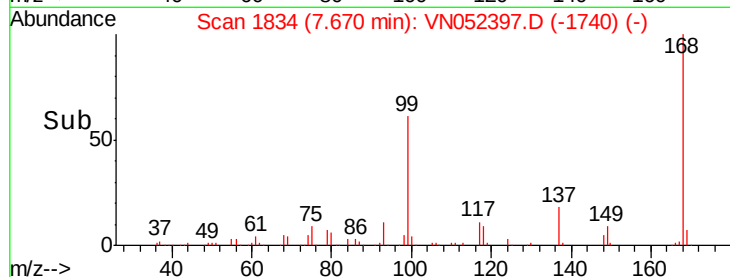
100000

50000

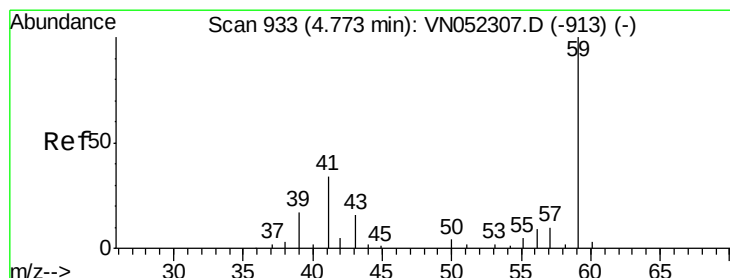
0

7.55 7.60 7.65 7.70 7.75

7.67



Time-->



#11

Tert butyl alcohol

Concen: 0.262 ug/l

RT: 4.79 min Scan# 938

Delta R.T. 0.02 min

Lab File: VN052397.D

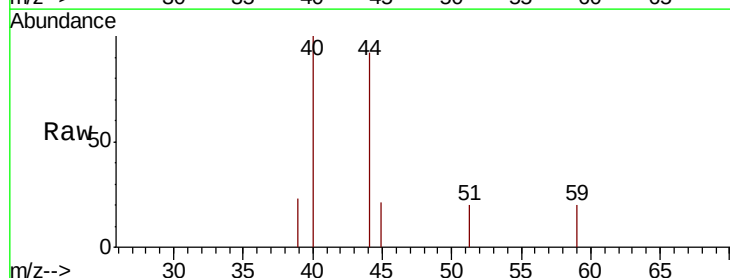
Acq: 19 Nov 2018 20:40

Tgt Ion: 59 Resp: 59

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

150

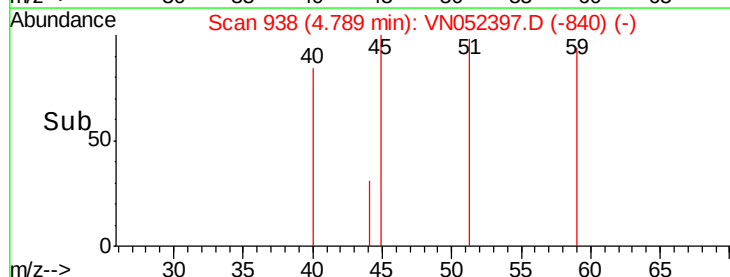
100

50

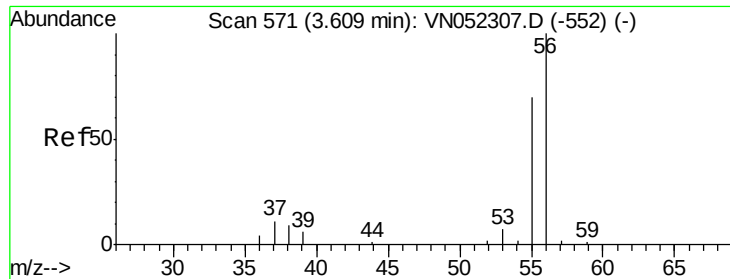
0

4.78 4.79 4.80

4.79



Time-->



#13

Acrolein

Concen: 22.052 ug/l

RT: 3.62 min Scan# 573

Delta R.T. 0.01 min

Lab File: VN052397.D

Acq: 19 Nov 2018 20:40

Instrument :

MSVOA_N

ClientSampled :

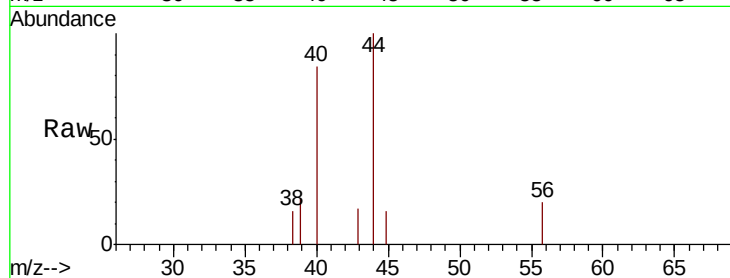
OVS-1

Tot Ion: 56 Resp: 105

Ion Ratio Lower Upper

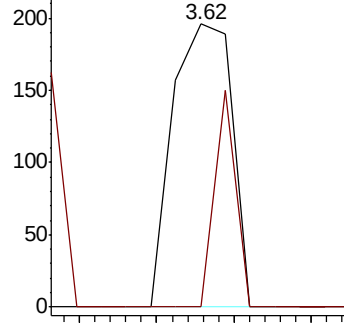
56 100

55 27.6 57.6 86.4#

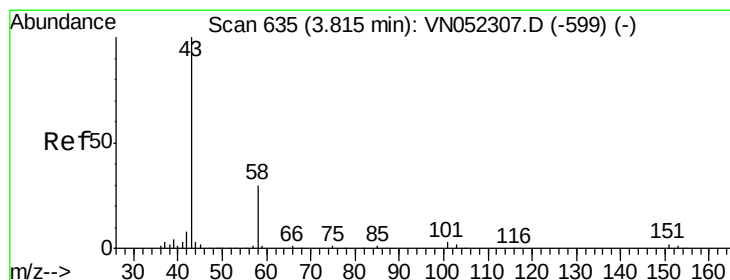
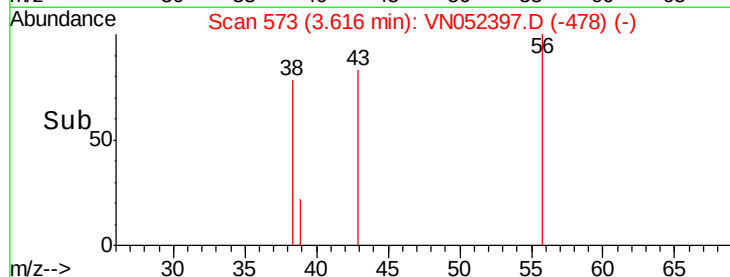


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



Time-->



#16

Acetone

Concen: 27.022 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052397.D

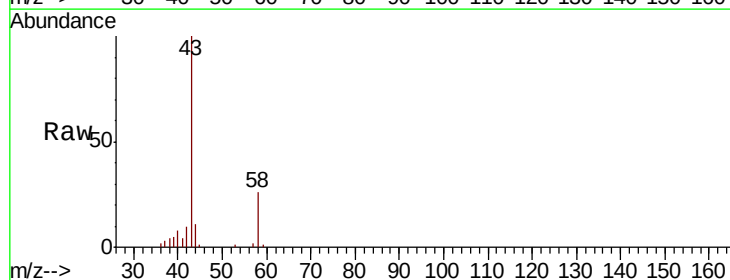
Acq: 19 Nov 2018 20:40

Tgt Ion: 43 Resp: 31770

Ion Ratio Lower Upper

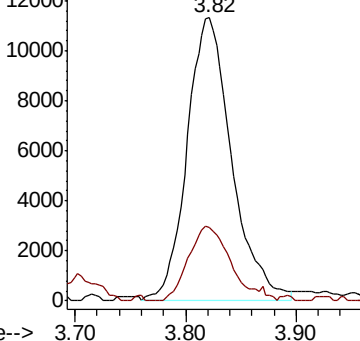
43 100

58 24.3 24.2 36.4

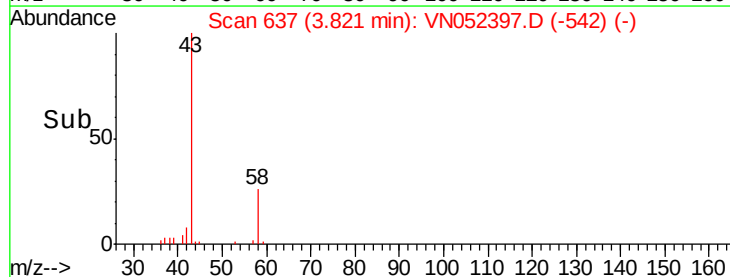


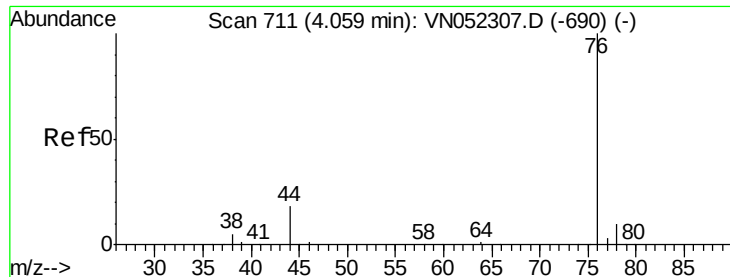
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->

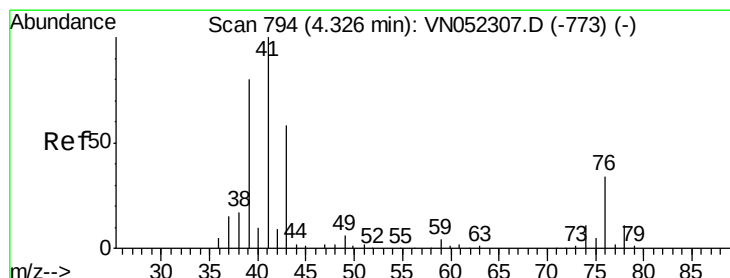
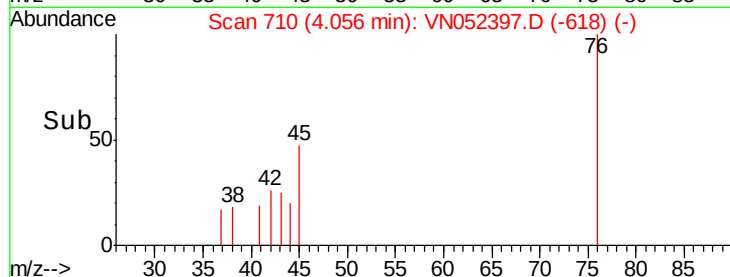
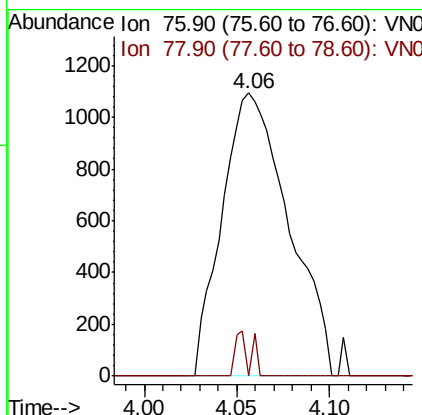
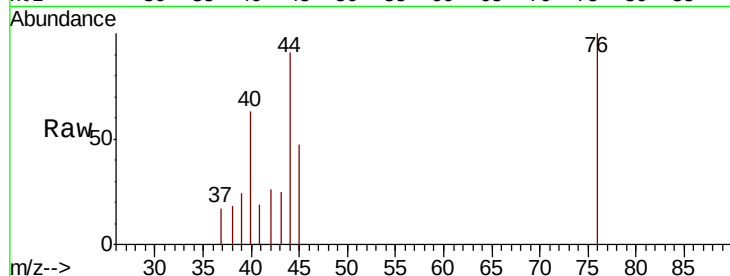




#17
Carbon Disulfide
Concen: 0.306 ug/l
RT: 4.06 min Scan# 710
Delta R.T. -0.00 min
Lab File: VN052397.D
Acq: 19 Nov 2018 20:40

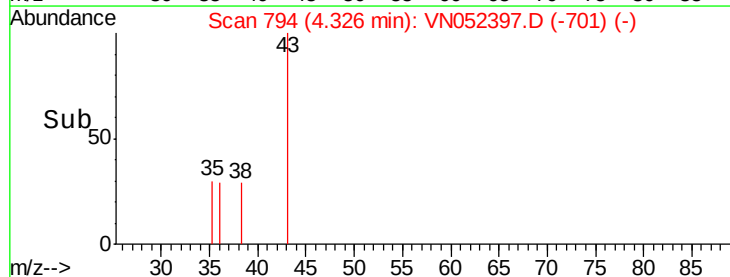
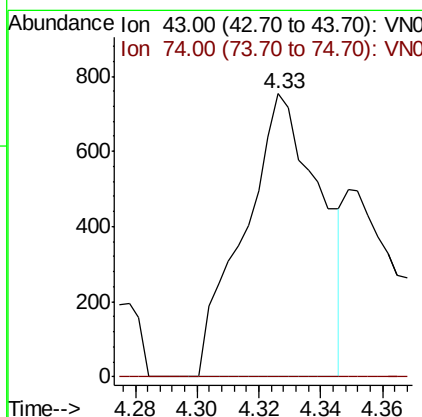
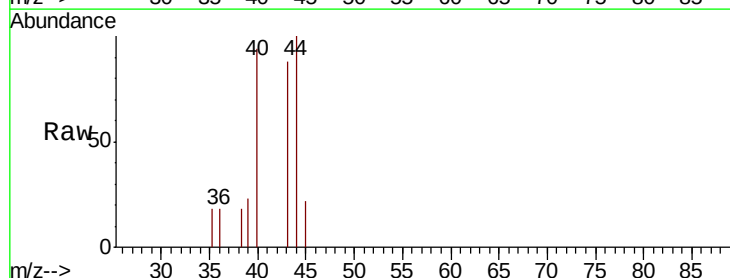
Instrument :
MSVOA_N
ClientSampled :
OWS-1

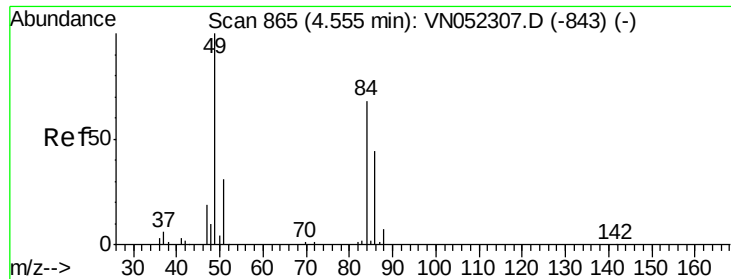
Tot Ion: 76 Resp: 2735
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#



#18
Methyl Acetate
Concen: 0.817 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN052397.D
Acq: 19 Nov 2018 20:40

Tgt Ion: 43 Resp: 1282
Ion Ratio Lower Upper
43 100
74 0.0 15.9 23.9#

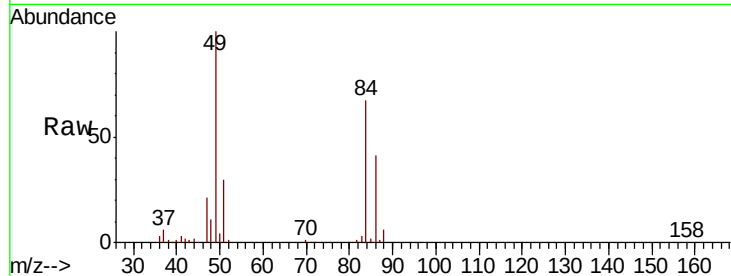




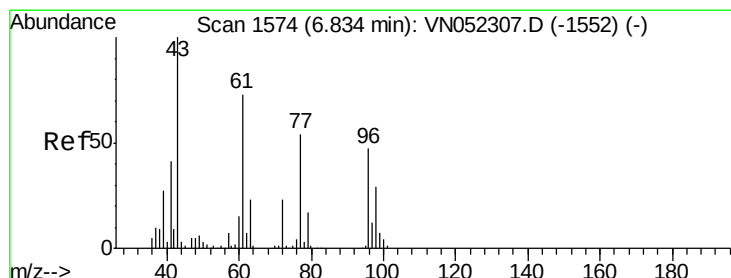
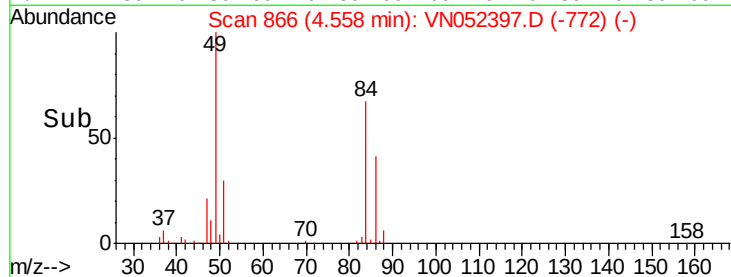
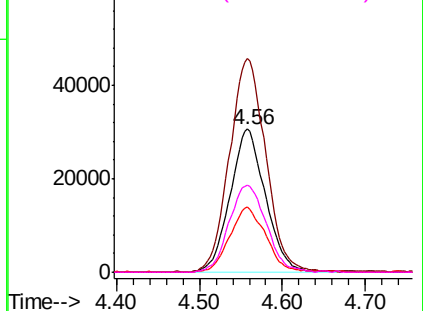
#20
Methvlene Chloride
Concen: 25.061 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052397.D
Acq: 19 Nov 2018 20:40

Instrument :
MSVOA_N
ClientSampleId :
OWS-1

Tot Ion: 84	Resp: 90886
Ion Ratio	Lower Upper
84 100	
49 149.5	118.2 177.2
51 45.3	36.1 54.1
86 60.7	51.6 77.4

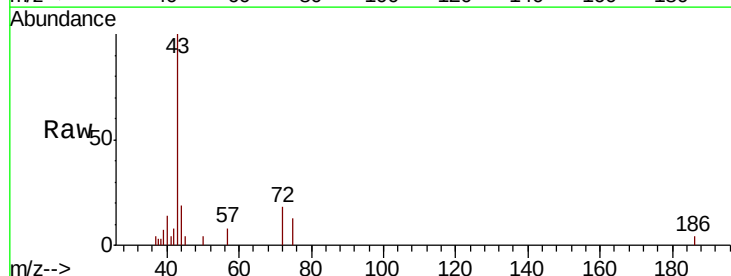


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

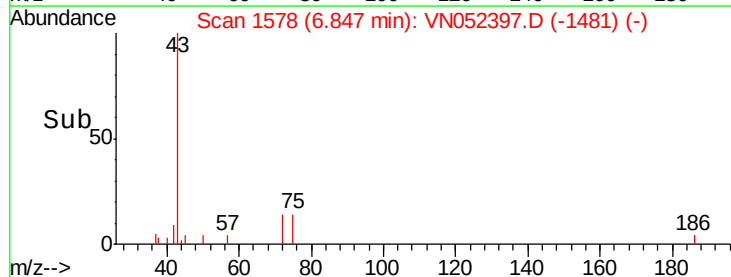
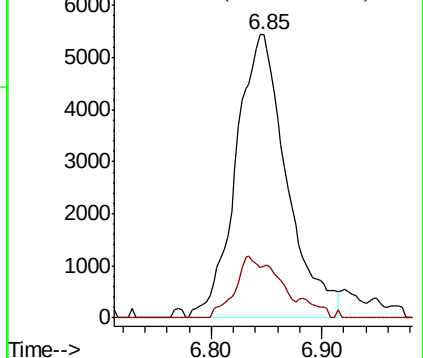


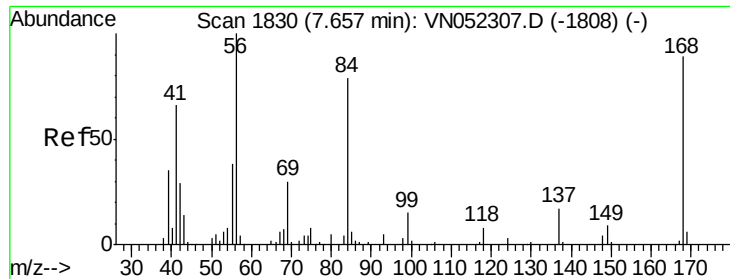
#25
2-Butanone
Concen: 10.487 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN052397.D
Acq: 19 Nov 2018 20:40

Tgt Ion: 43	Resp: 17354
Ion Ratio	Lower Upper
43 100	
72 18.3	18.6 27.8#



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

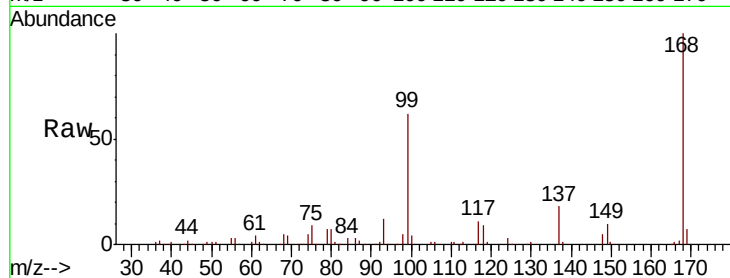




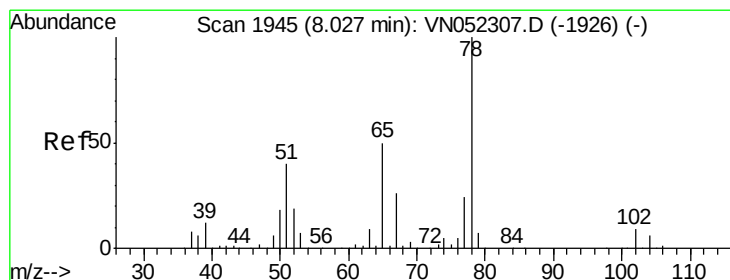
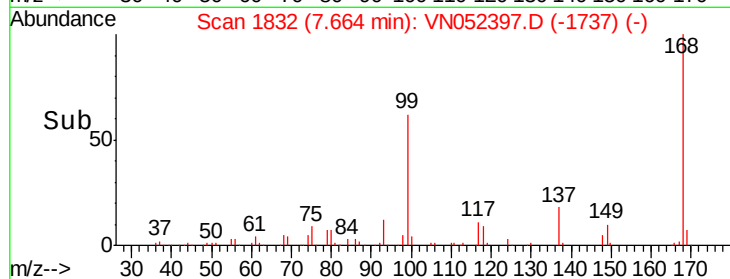
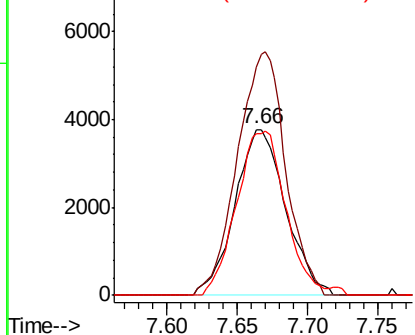
#31
Cyclohexane
Concen: 0.409 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN052397.D
Acq: 19 Nov 2018 20:40

Instrument :
MSVOA_N
ClientSampleId :
OWS-1

Tot Ion: 56 Resp: 9485
Ion Ratio Lower Upper
56 100
69 137.6 23.8 35.8#
84 97.4 63.0 94.6#

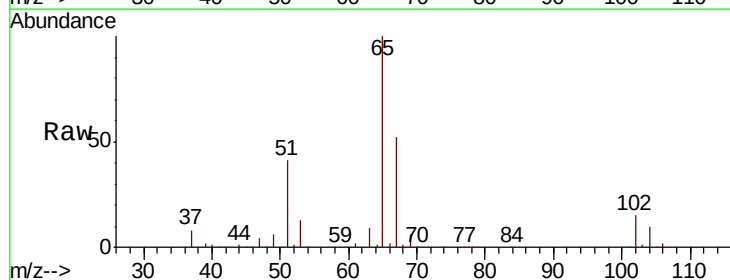


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

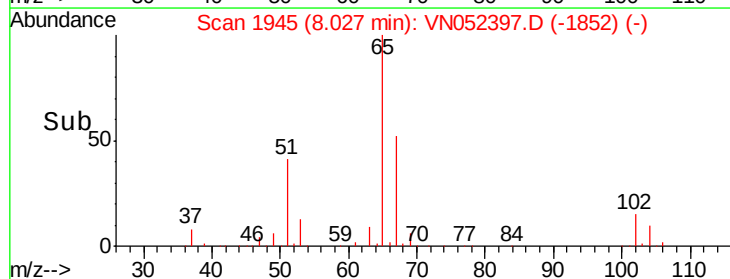
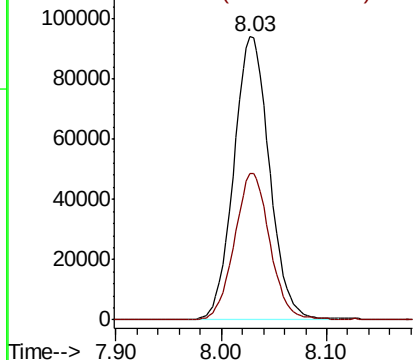


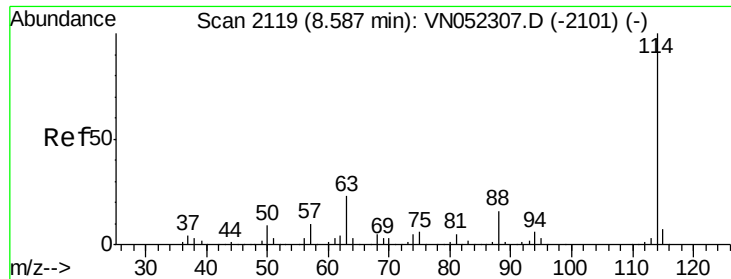
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052397.D
Acq: 19 Nov 2018 20:40

Tgt Ion: 65 Resp: 220959
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.2



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

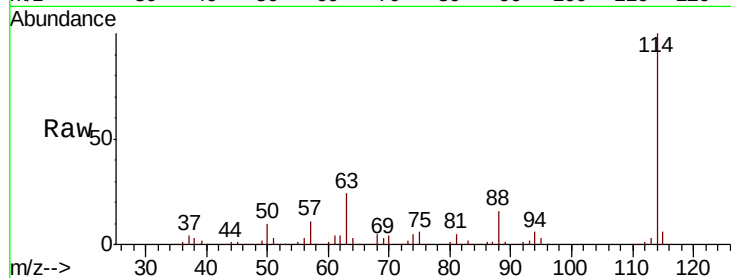




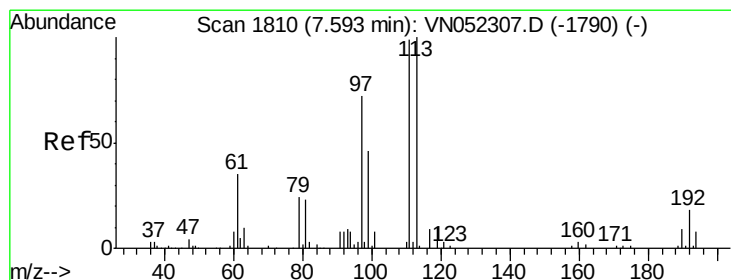
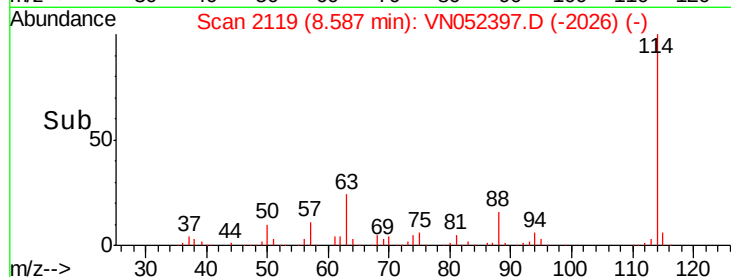
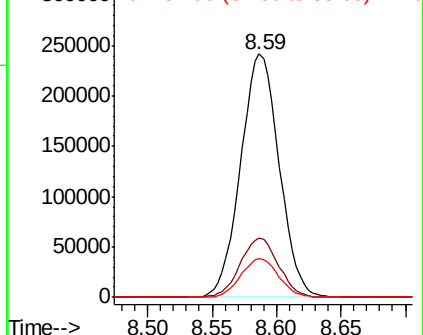
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052397.D
 Acq: 19 Nov 2018 20:40

Instrument :
 MSVOA_N
 ClientSampleId :
 OWS-1

Tot Ion:114 Resp: 503328
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 45.4
 88 15.9 0.0 31.2

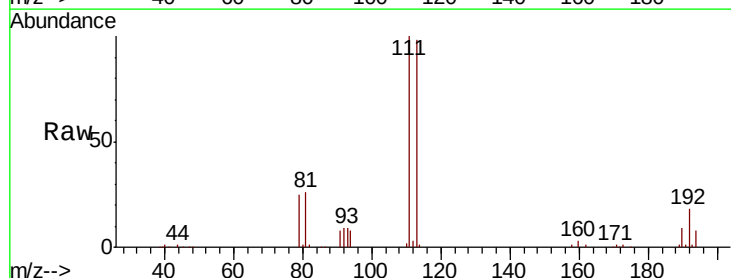


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

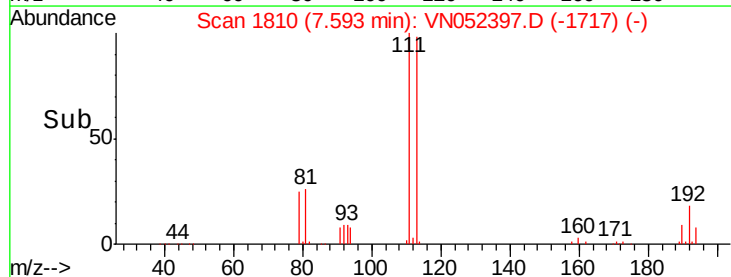
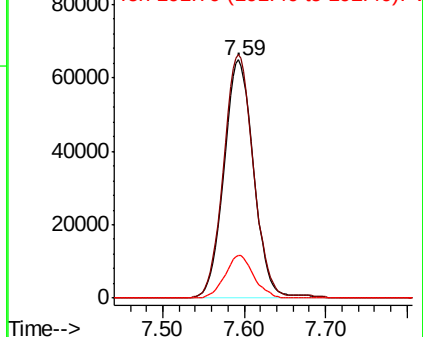


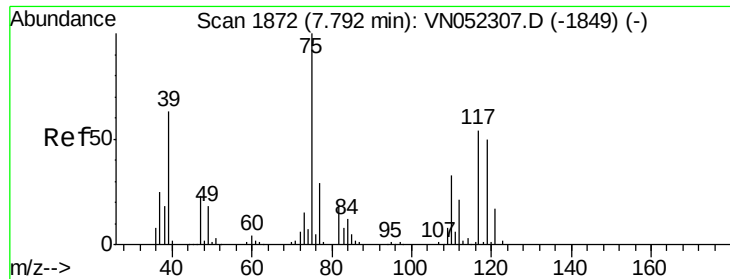
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052397.D
 Acq: 19 Nov 2018 20:40

Tgt Ion:113 Resp: 166378
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.0 121.6
 192 17.4 13.8 20.6



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.711 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN052397.D

Acq: 19 Nov 2018 20:40

Instrument :

MSVOA_N

ClientSampleId :

OWS-1

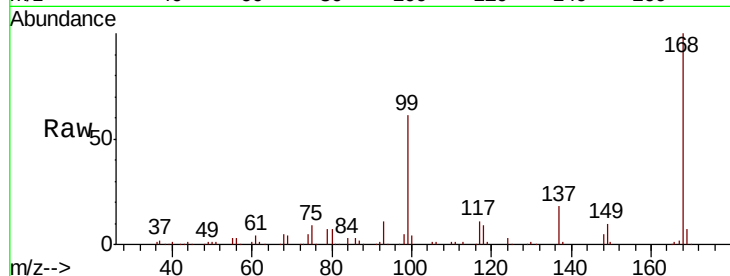
Tot Ion: 75 Resp: 28811

Ion Ratio Lower Upper

75 100

110 9.8 16.5 49.5#

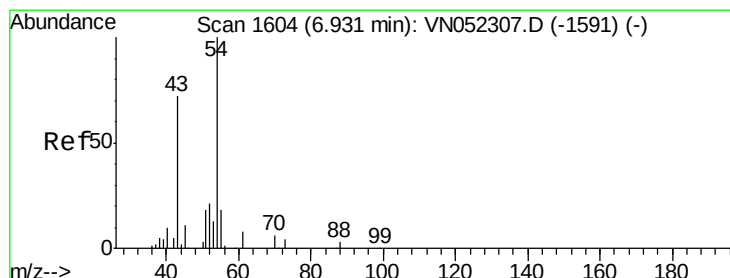
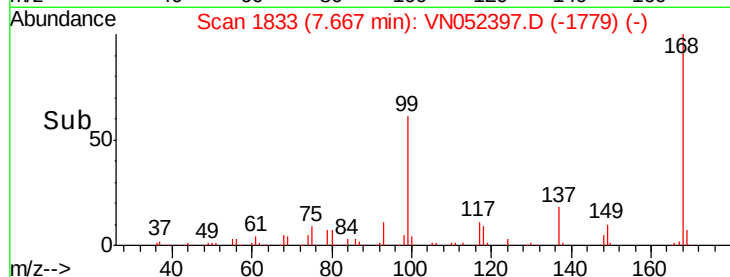
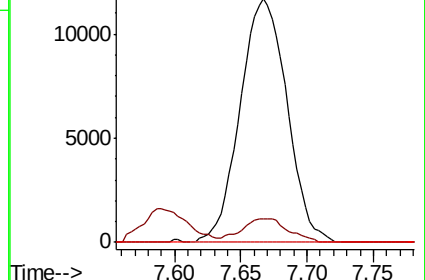
77 0.0 24.2 36.2#



Abundance Ion 74.90 (74.60 to 75.60): VN052307.D (-1849) (-)

Ion 109.90 (109.60 to 110.60): VN052307.D (-1849) (-)

Ion 76.90 (76.60 to 77.60): VN052307.D (-1849) (-)



#37

Ethyl Acetate

Concen: 4.740 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. -0.08 min

Lab File: VN052397.D

Acq: 19 Nov 2018 20:40

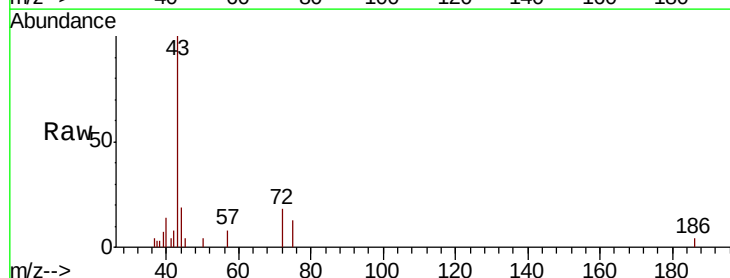
Tgt Ion: 43 Resp: 17354

Ion Ratio Lower Upper

43 100

61 0.2 10.3 15.5#

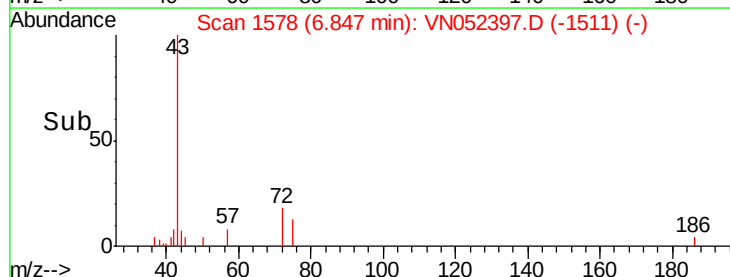
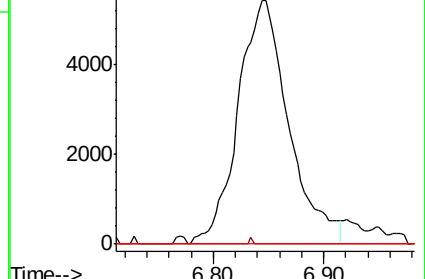
70 0.0 5.6 8.4#

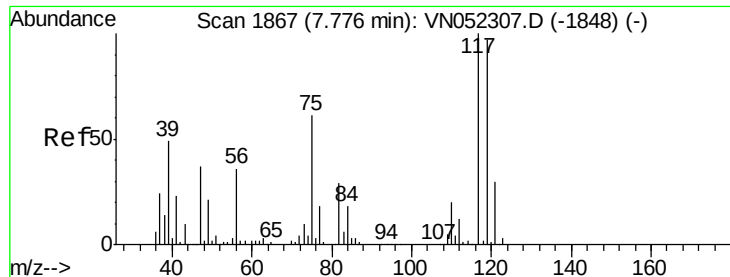


Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-1591) (-)

Ion 60.90 (60.60 to 61.60): VN052307.D (-1591) (-)

Ion 70.00 (69.70 to 70.70): VN052307.D (-1591) (-)





#38

Carbon Tetrachloride

Concen: 7.104 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN052397.D

Acq: 19 Nov 2018 20:40

Instrument :

MSVOA_N

ClientSampleId :

OWS-1

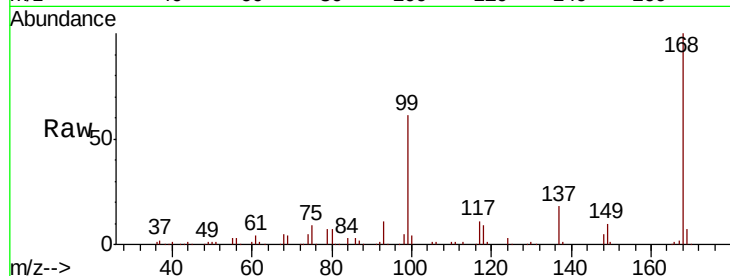
Tot Ion: 117 Resp: 32928

Ion Ratio Lower Upper

117 100

119 5.3 77.4 116.0#

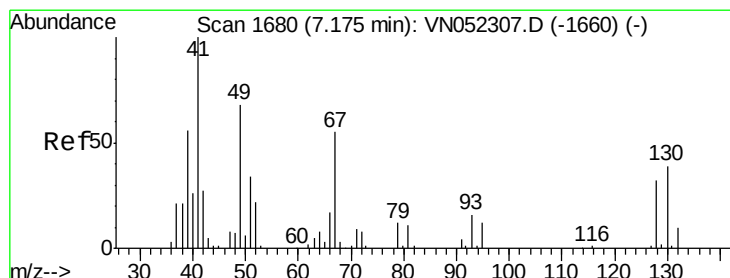
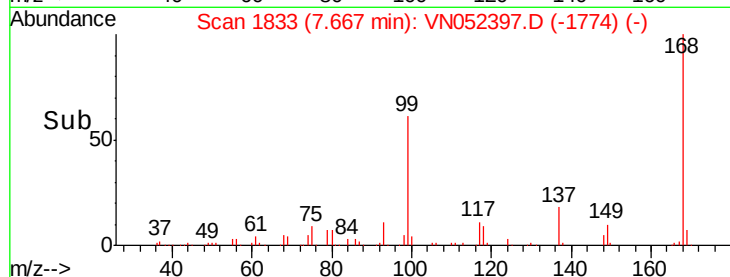
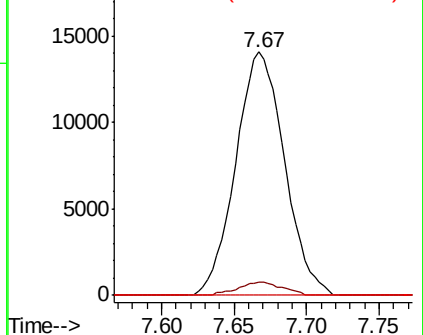
121 0.0 24.0 36.0#



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



#41

Methacrylonitrile

Concen: 3.742 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VN052397.D

Acq: 19 Nov 2018 20:40

Tgt Ion: 41 Resp: 102

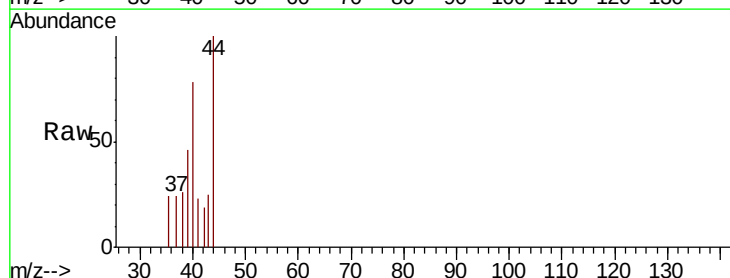
Ion Ratio Lower Upper

41 100

39 637.3 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

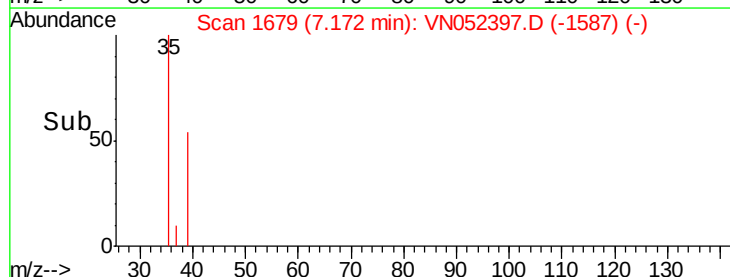
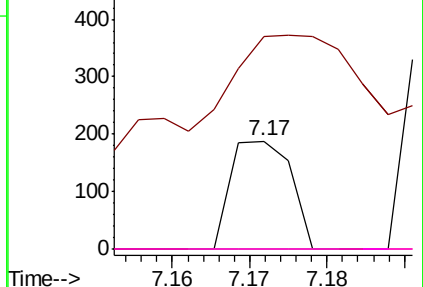


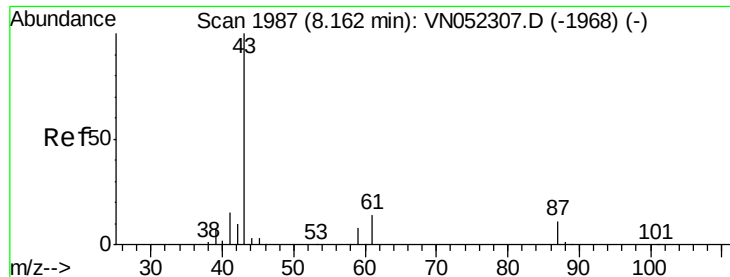
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 2.750 ug/l

RT: 8.17 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN052397.D

Acq: 19 Nov 2018 20:40

Instrument :

MSVOA_N

ClientSampled :

OVS-1

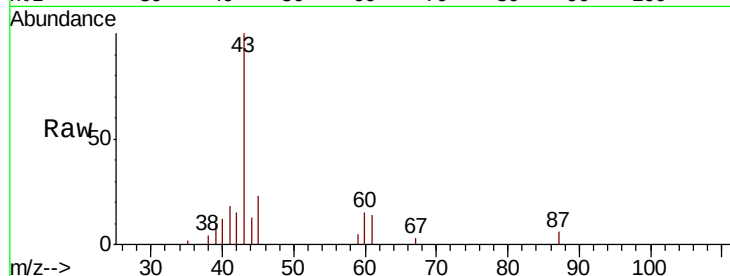
Tot Ion: 43 Resp: 19428

Ion Ratio Lower Upper

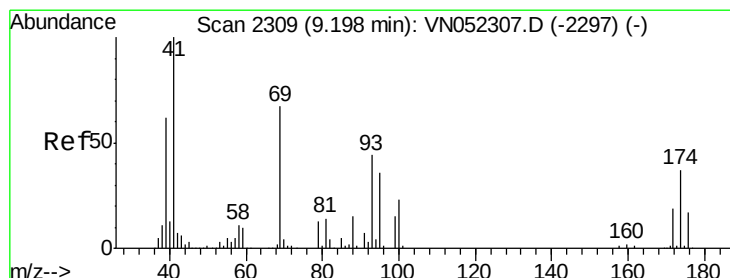
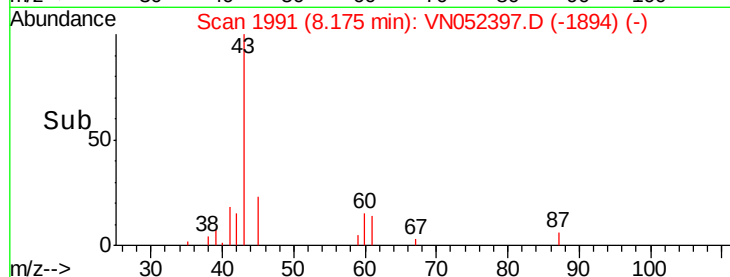
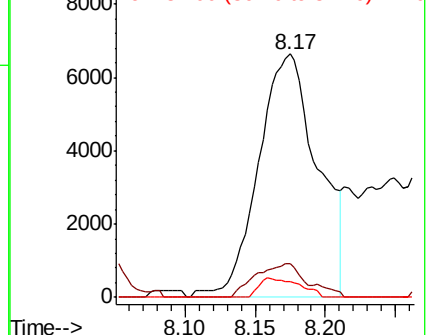
43 100

61 12.1 12.0 18.0

87 5.3 8.3 12.5#



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



#48

Methyl methacrylate

Concen: 1.635 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN052397.D

Acq: 19 Nov 2018 20:40

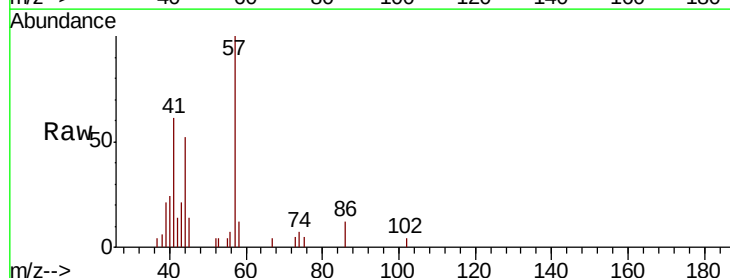
Tgt Ion: 41 Resp: 5862

Ion Ratio Lower Upper

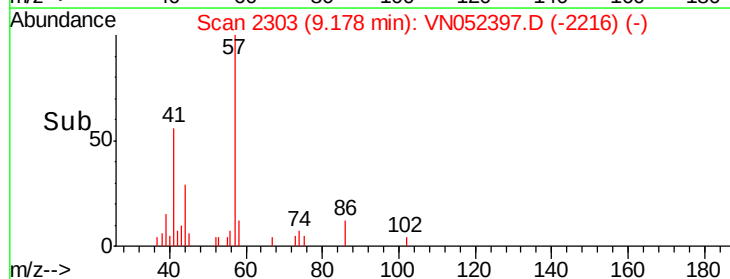
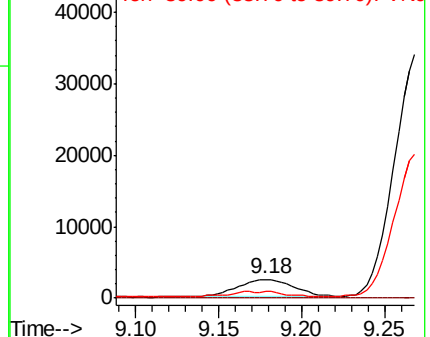
41 100

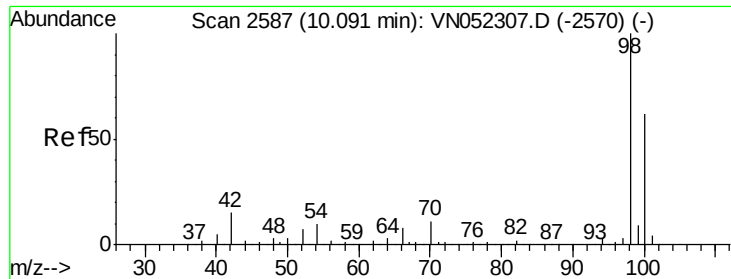
69 0.0 57.1 85.7#

39 0.0 52.5 78.7#



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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052397.D

Acq: 19 Nov 2018 20:40

Instrument :

MSVOA_N

ClientSampleId :

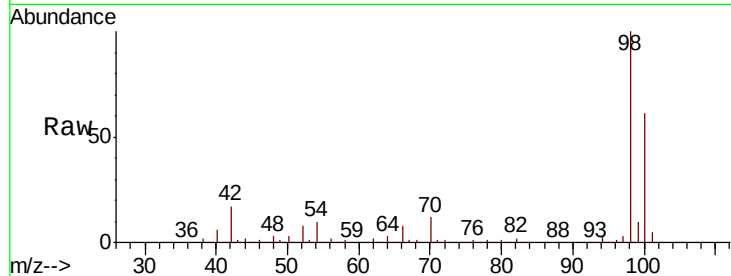
OVS-1

Tot Ion: 98 Resp: 643413

Ion Ratio Lower Upper

98 100

100 61.7 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): VN052307.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052307.D (-2570) (-)

10.09

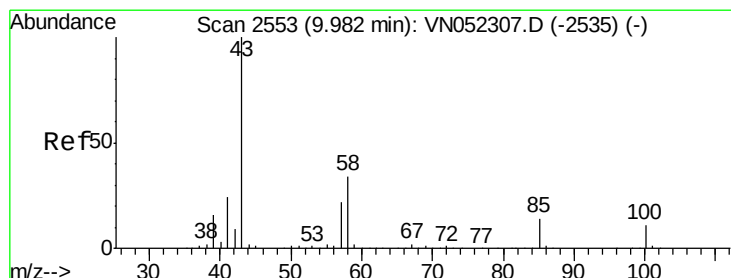
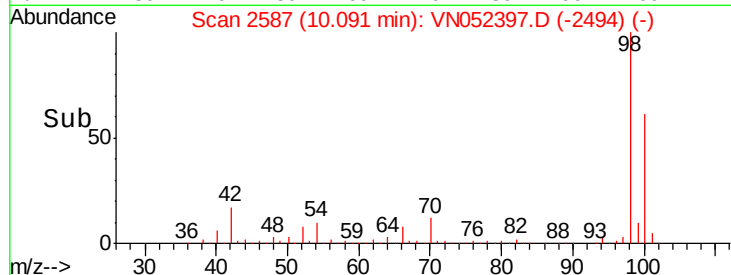
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 10.167 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN052397.D

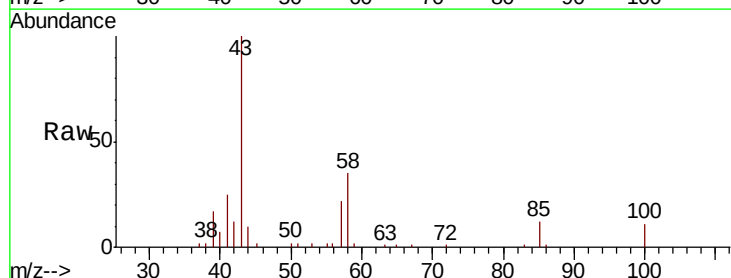
Acq: 19 Nov 2018 20:40

Tgt Ion: 43 Resp: 36158

Ion Ratio Lower Upper

43 100

58 29.2 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN052307.D (-2535) (-)

9.99

50000

40000

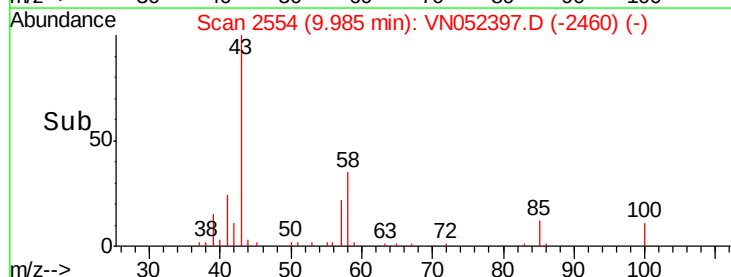
30000

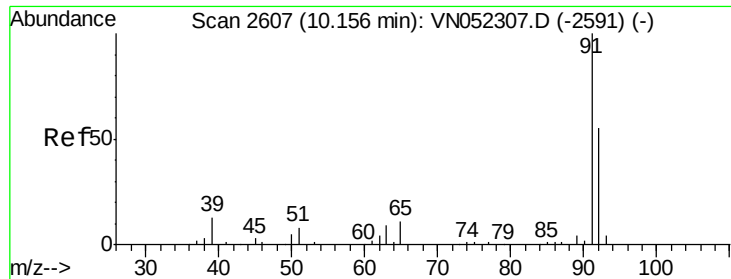
20000

10000

0

Time-->





#52

Toluene

Concen: 200.872 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN052397.D

Acq: 19 Nov 2018 20:40

Instrument :

MSVOA_N

ClientSampleId :

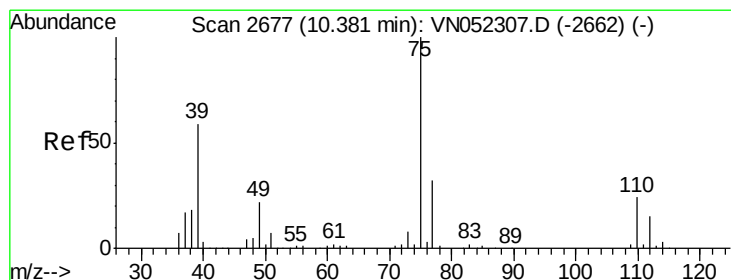
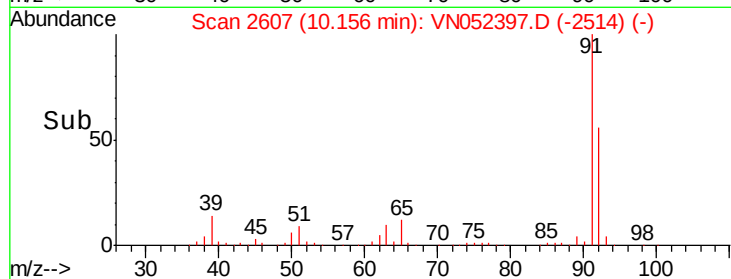
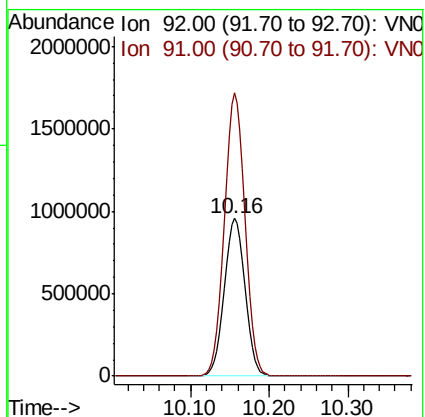
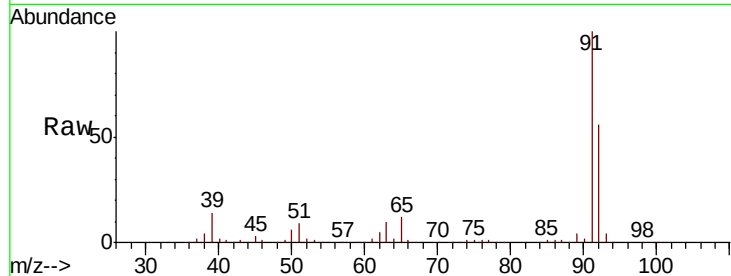
OVS-1

Tot Ion: 92 Resp: 1731822

Ion Ratio Lower Upper

92 100

91 178.6 143.6 215.4



#53

t-1,3-Dichloropropene

Concen: 4.738 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.23 min

Lab File: VN052397.D

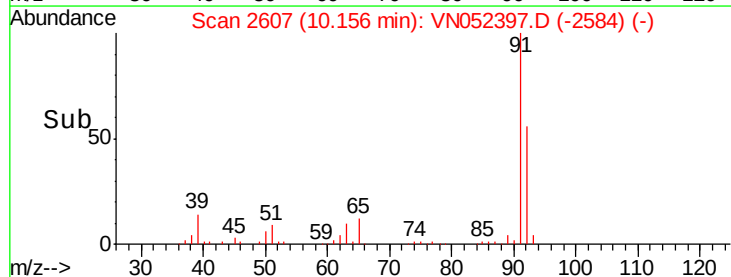
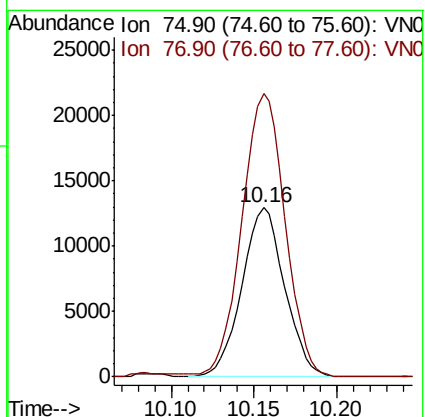
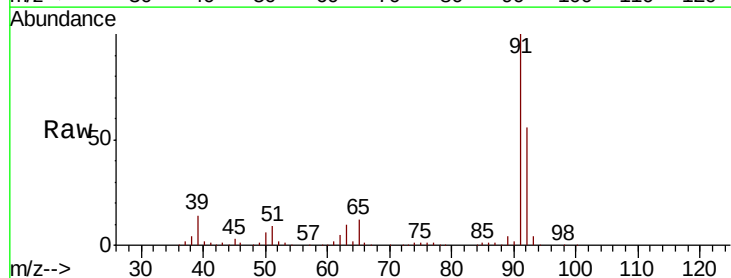
Acq: 19 Nov 2018 20:40

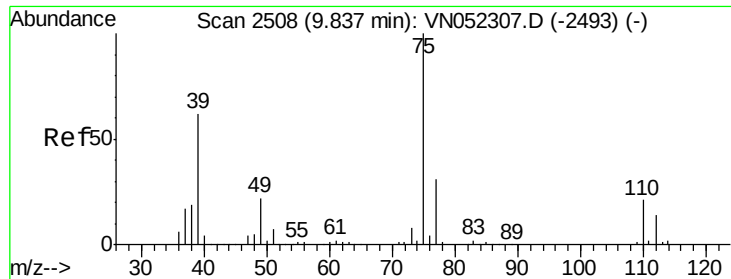
Tgt Ion: 75 Resp: 23219

Ion Ratio Lower Upper

75 100

77 167.1 25.7 38.5#





#54

cis-1,3-Dichloropropene

Concen: 4.923 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN052397.D

Acq: 19 Nov 2018 20:40

Instrument :

MSVOA_N

ClientSampleId :

OWS-1

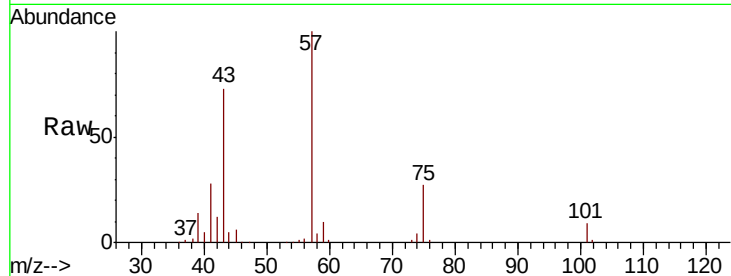
Tot Ion: 75 Resp: 27499

Ion Ratio Lower Upper

75 100

77 0.0 24.6 36.8#

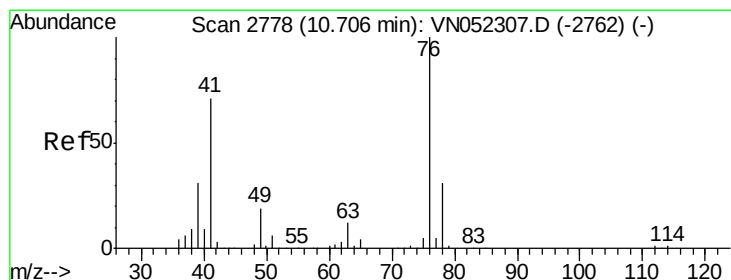
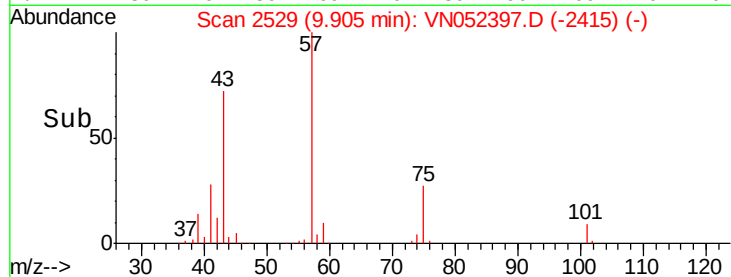
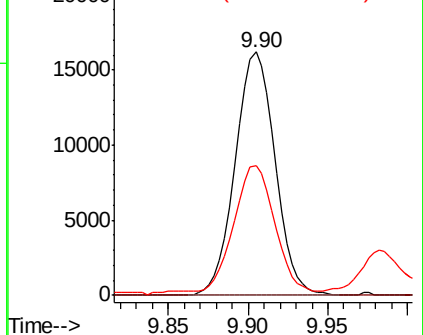
39 51.6 49.9 74.9



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: 0.951 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN052397.D

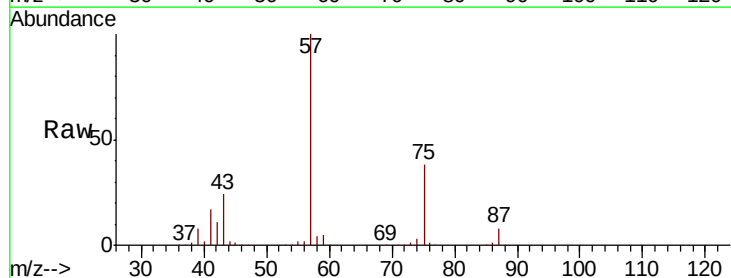
Acq: 19 Nov 2018 20:40

Tgt Ion: 76 Resp: 5266

Ion Ratio Lower Upper

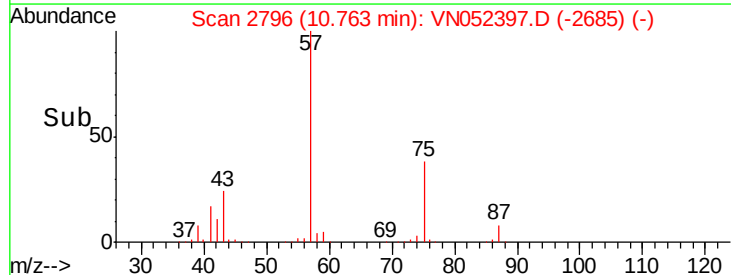
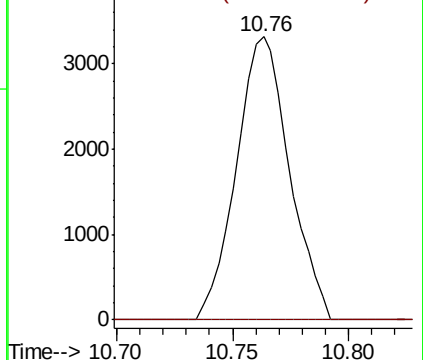
76 100

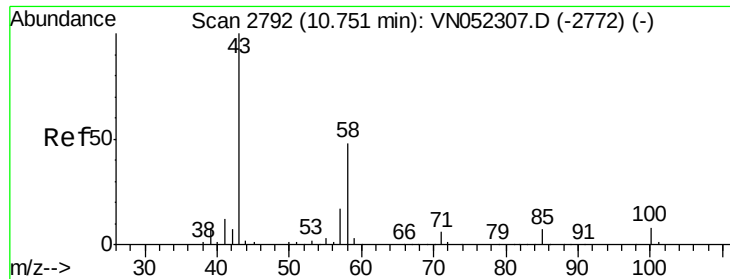
78 0.0 25.7 38.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

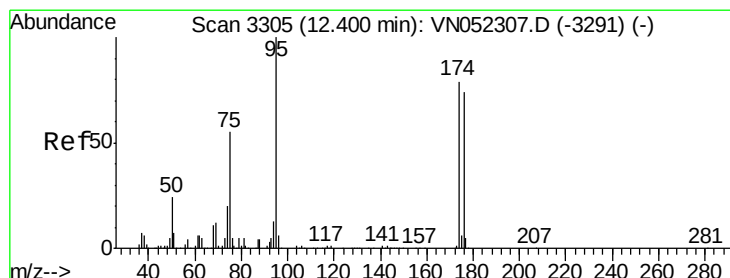
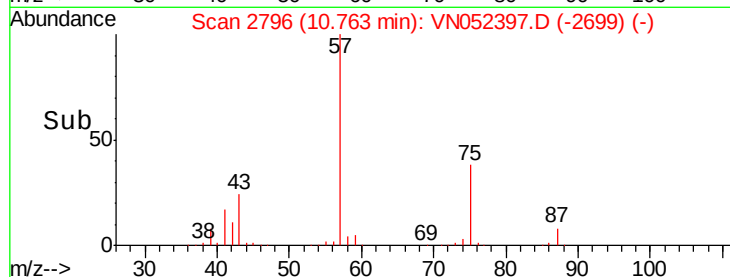
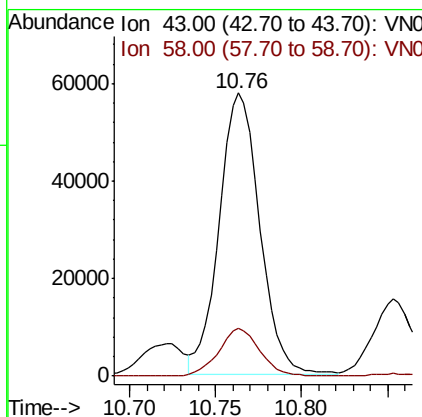
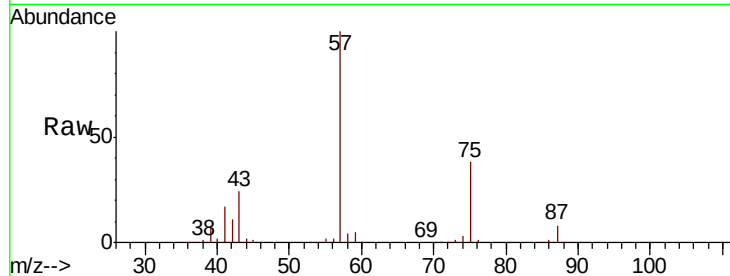




#59
2-Hexanone
Concen: 38.537 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN052397.D
Acq: 19 Nov 2018 20:40

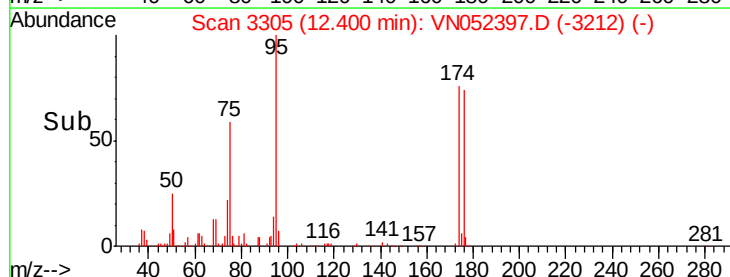
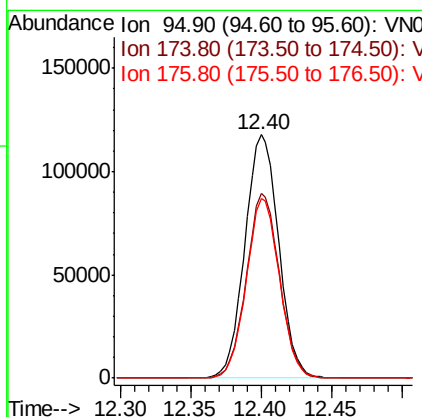
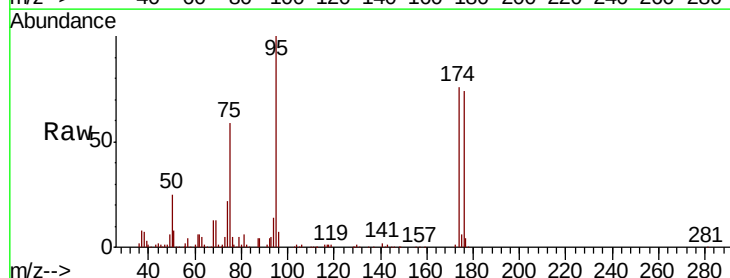
Instrument :
MSVOA_N
ClientSampleId :
OWS-1

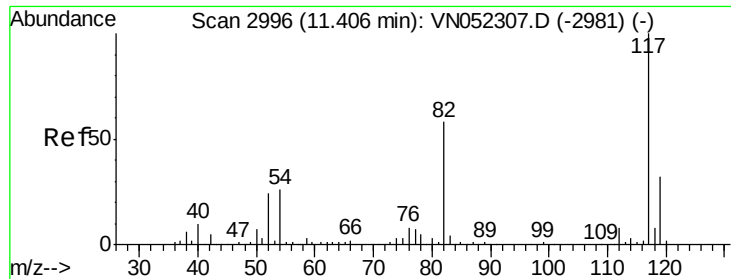
Tot Ion: 43 Resp: 94267
Ion Ratio Lower Upper
43 100
58 17.4 23.5 70.6#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052397.D
Acq: 19 Nov 2018 20:40

Tgt Ion: 95 Resp: 198093
Ion Ratio Lower Upper
95 100
174 74.5 0.0 156.0
176 72.3 0.0 148.4

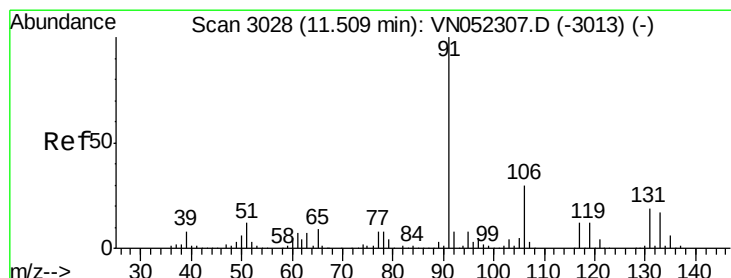
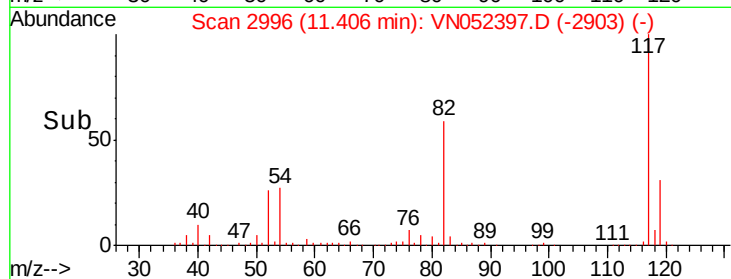
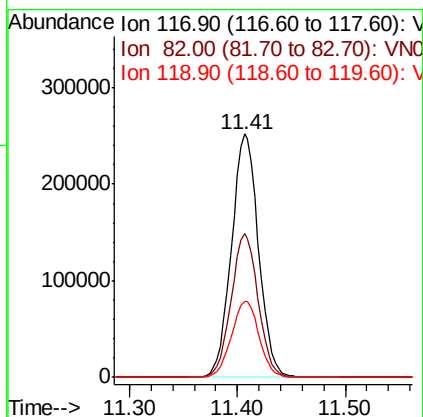
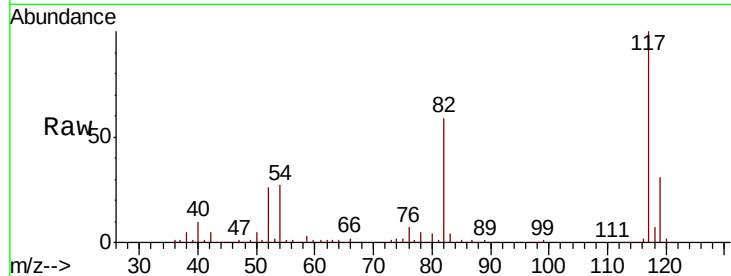




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052397.D
Acq: 19 Nov 2018 20:40

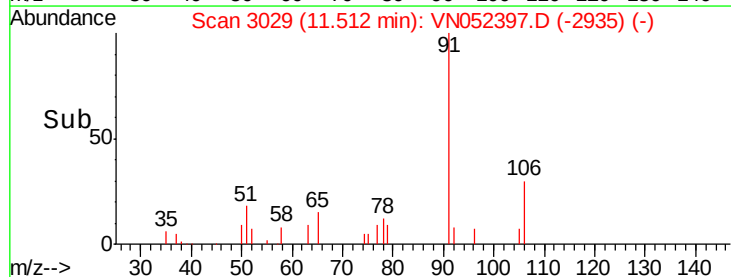
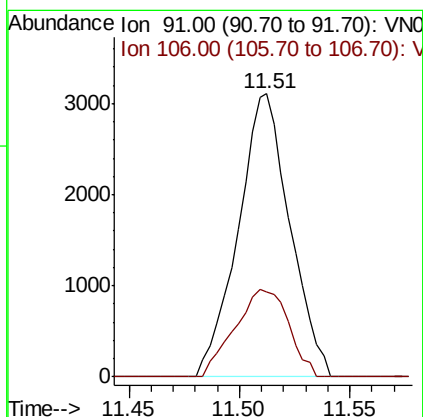
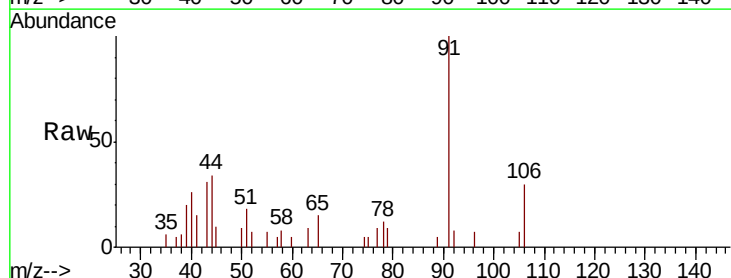
Instrument :
MSVOA_N
ClientSampleId :
OWS-1

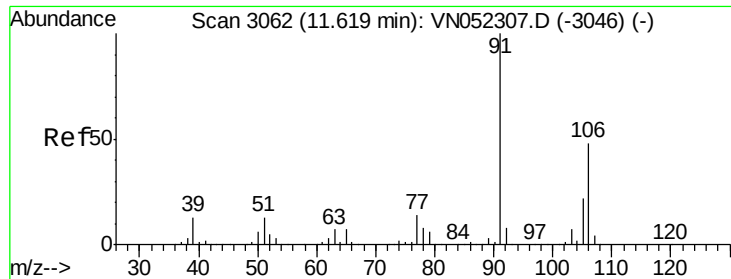
Tot Ion:117 Resp: 439035
Ion Ratio Lower Upper
117 100
82 59.0 46.5 69.7
119 31.4 25.7 38.5



#67
Ethyl Benzene
Concen: 0.313 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN052397.D
Acq: 19 Nov 2018 20:40

Tgt Ion: 91 Resp: 5041
Ion Ratio Lower Upper
91 100
106 30.2 24.2 36.2

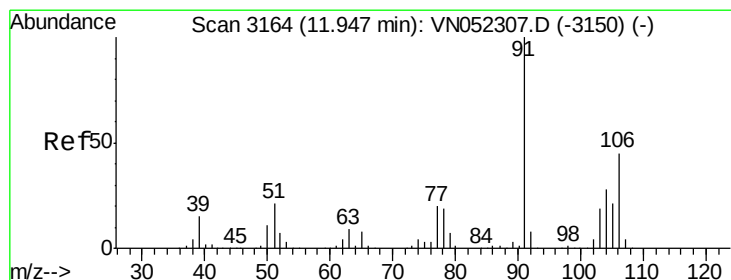
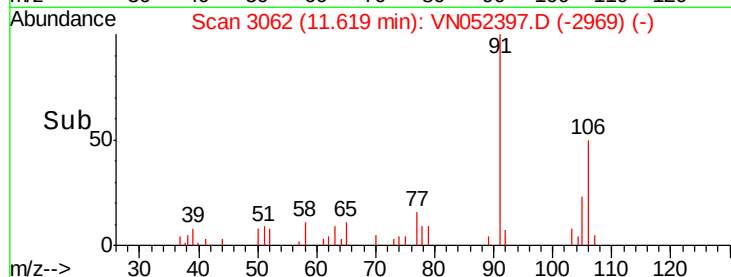
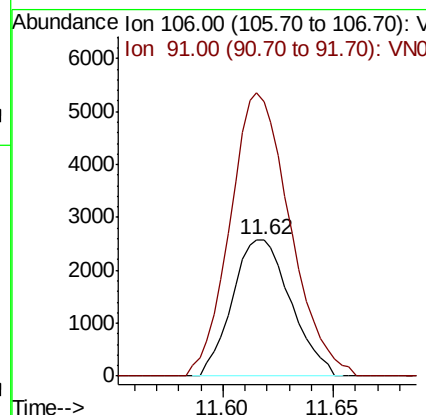
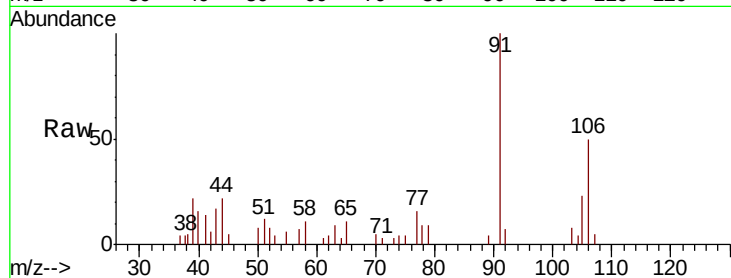




#68
m/p-Xylenes
Concen: 0.805 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052397.D
Acq: 19 Nov 2018 20:40

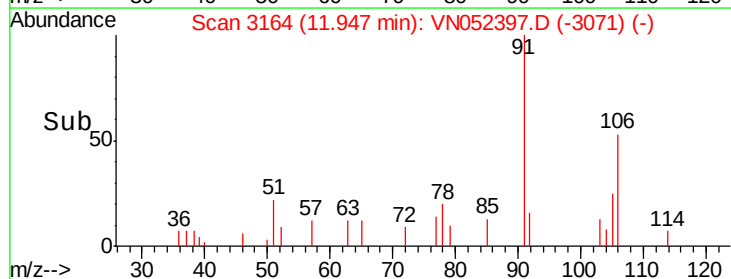
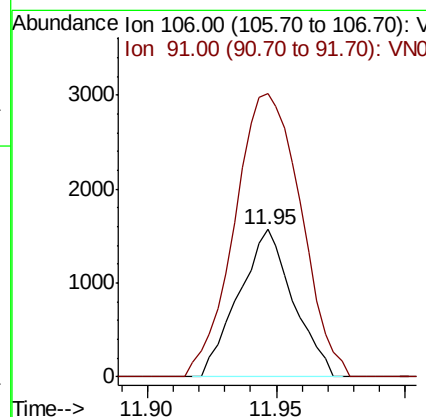
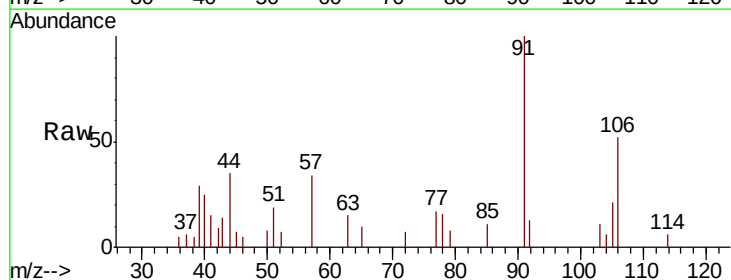
Instrument :
MSVOA_N
ClientSampleId :
OWS-1

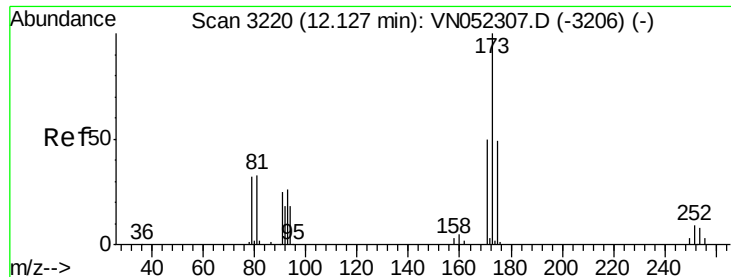
Tot Ion:106 Resp: 4736
Ion Ratio Lower Upper
106 100
91 213.2 165.5 248.3



#69
o-Xylene
Concen: 0.409 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN052397.D
Acq: 19 Nov 2018 20:40

Tgt Ion:106 Resp: 2309
Ion Ratio Lower Upper
106 100
91 234.1 110.0 330.0





#71

Bromoform

Concen: 0.316 ug/l

RT: 12.39 min Scan# 3302

Delta R.T. 0.26 min

Lab File: VN052397.D

Acq: 19 Nov 2018 20:40

Instrument :

MSVOA_N

ClientSampleId :

OWS-1

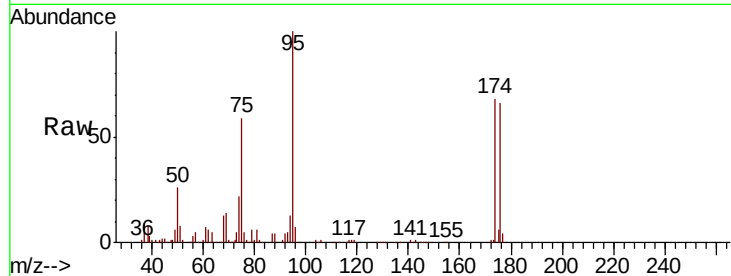
Tot Ion:173 Resp: 591

Ion Ratio Lower Upper

173 100

175 1728.1 25.0 75.0#

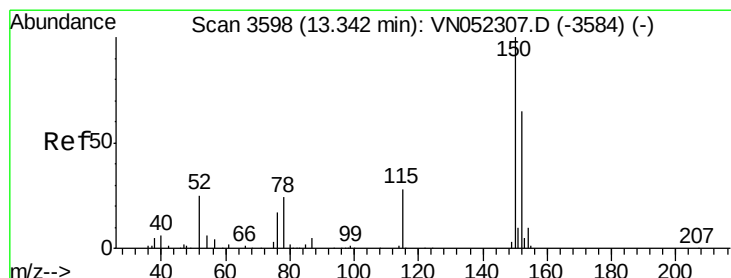
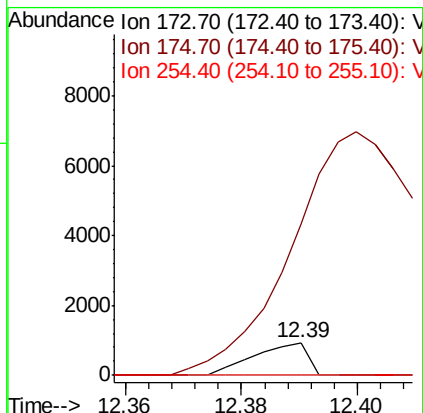
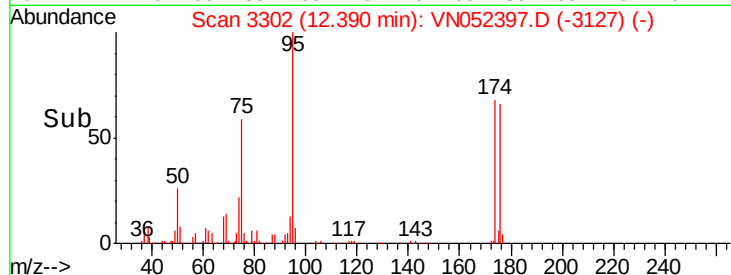
254 0.0 0.0 0.0



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: VN052397.D

Acq: 19 Nov 2018 20:40

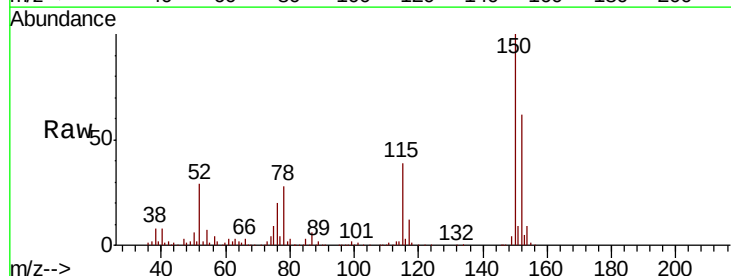
Tgt Ion:152 Resp: 162398

Ion Ratio Lower Upper

152 100

115 61.6 30.3 91.0

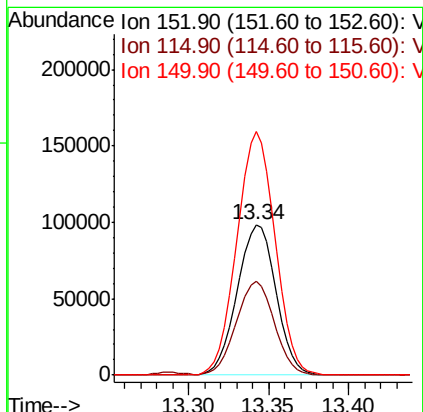
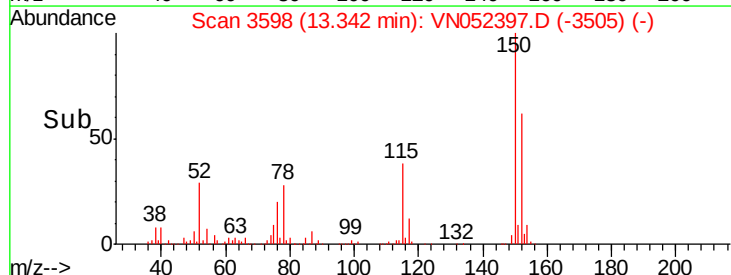
150 159.3 0.0 348.2

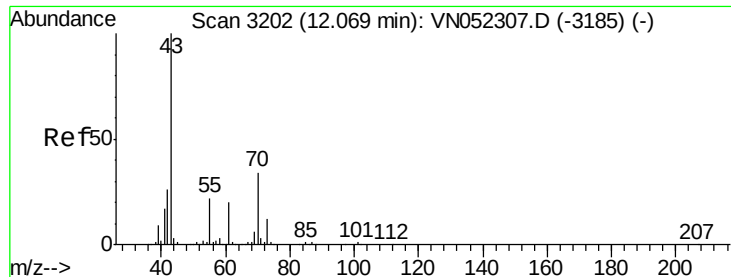


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.561 ug/l

RT: 12.03 min Scan# 3189

Delta R.T. -0.04 min

Lab File: VN052397.D

Acq: 19 Nov 2018 20:40

Instrument :

MSVOA_N

ClientSampled :

OWS-1

Tot Ion: 43 Resp: 2611

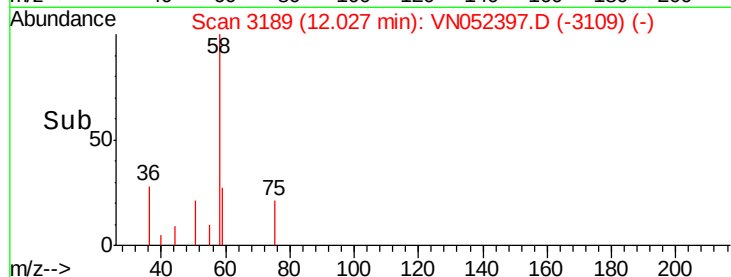
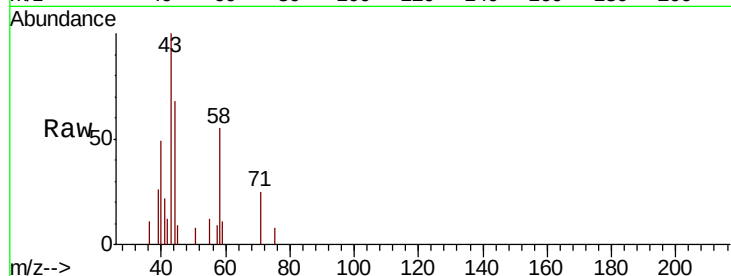
Ion Ratio Lower Upper

43 100

70 0.0 27.1 40.7#

55 12.7 17.4 26.0#

61 0.0 16.1 24.1#

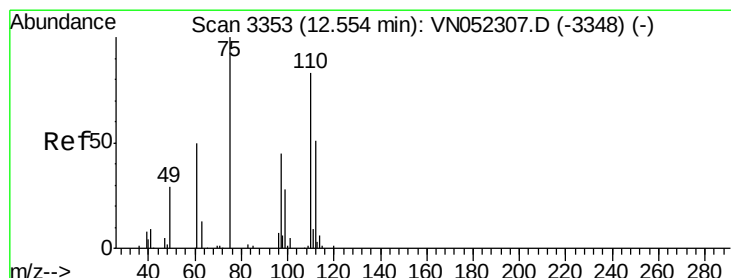
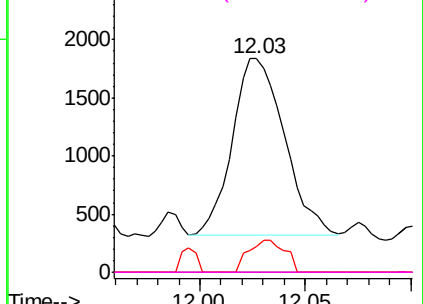


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 41.766 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN052397.D

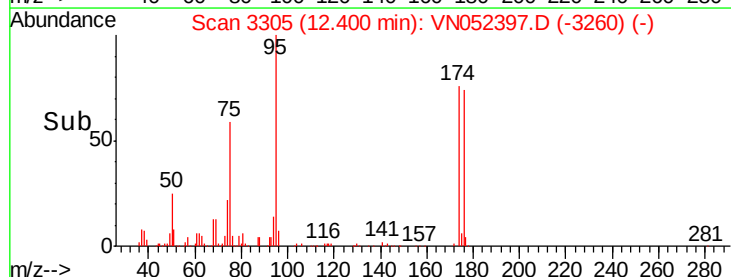
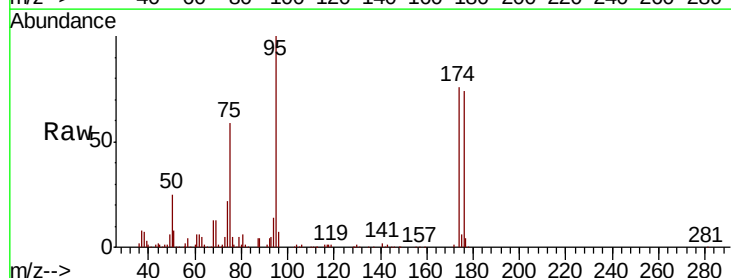
Acq: 19 Nov 2018 20:40

Tgt Ion: 75 Resp: 115089

Ion Ratio Lower Upper

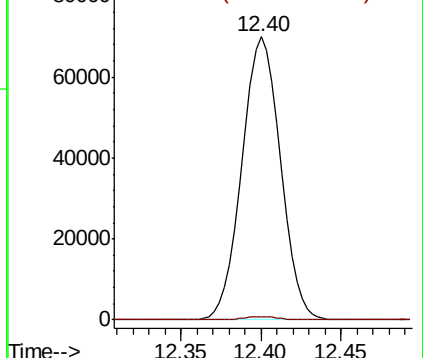
75 100

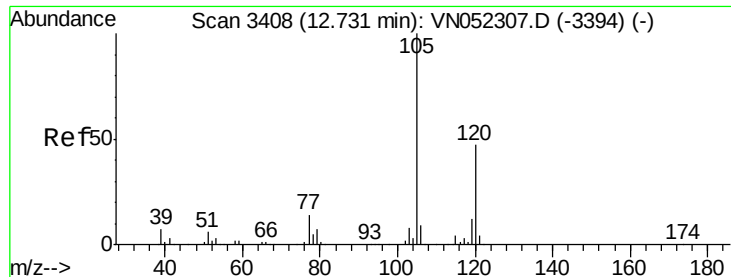
77 1.1 0.0 0.0#



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: 0.392 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN052397.D

Acq: 19 Nov 2018 20:40

Instrument :

MSVOA_N

ClientSampleId :

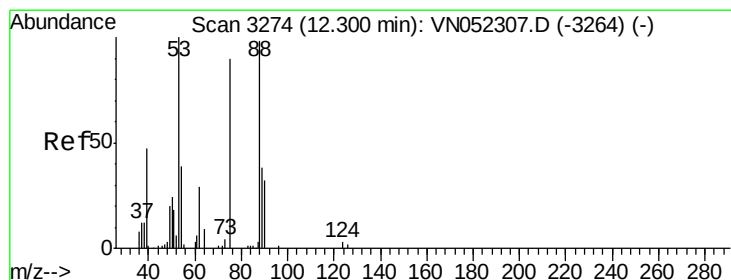
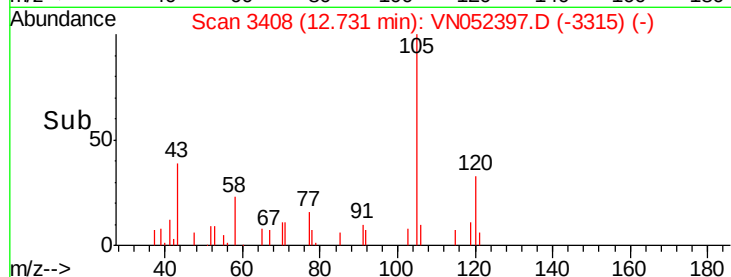
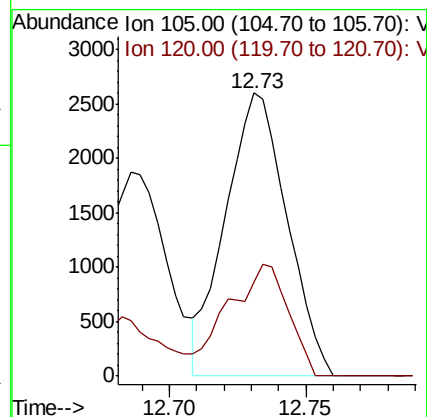
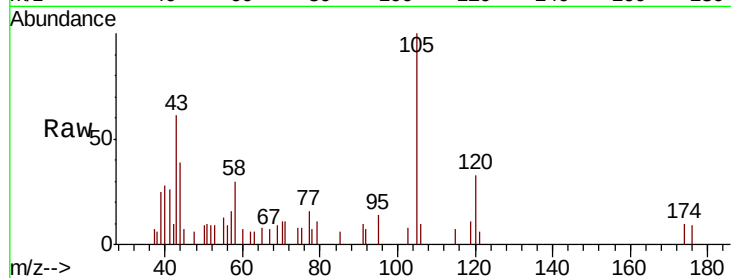
OWS-1

Tot Ion:105 Resp: 4073

Ion Ratio Lower Upper

105 100

120 39.5 23.7 71.1



#81

trans-1,4-Dichloro-2-butene

Concen: 135.462 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN052397.D

Acq: 19 Nov 2018 20:40

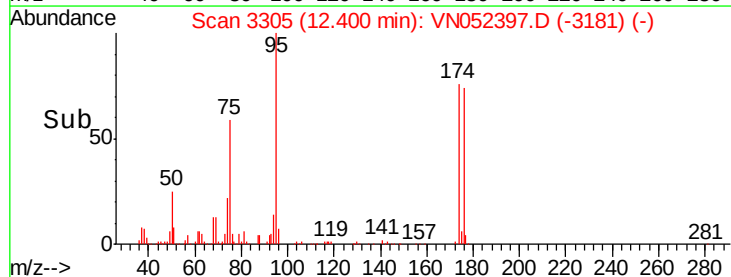
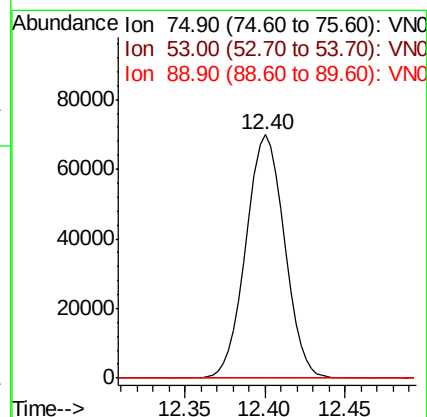
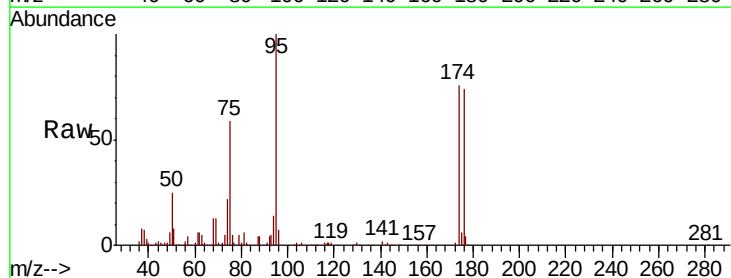
Tgt Ion: 75 Resp: 115089

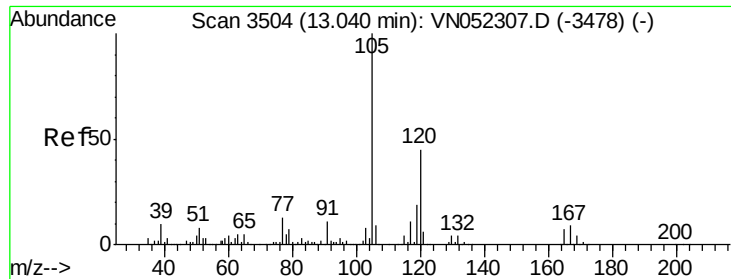
Ion Ratio Lower Upper

75 100

53 0.0 90.2 135.2#

89 0.0 35.4 53.0#

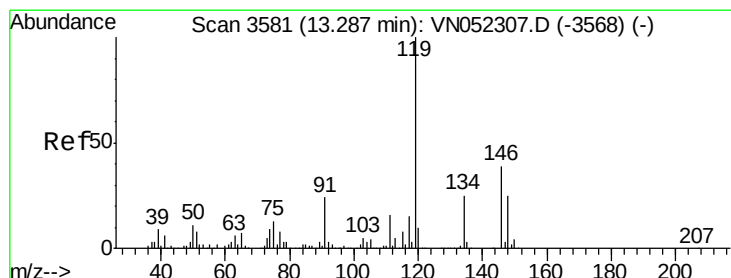
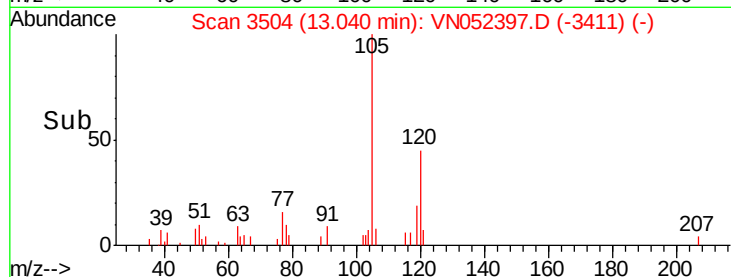
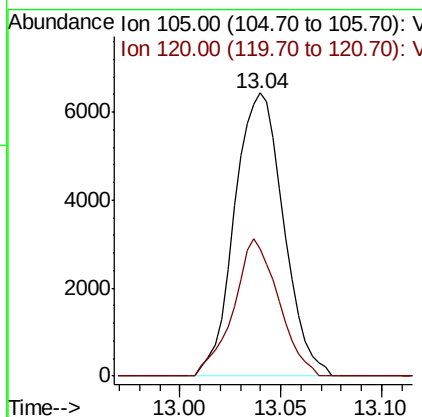
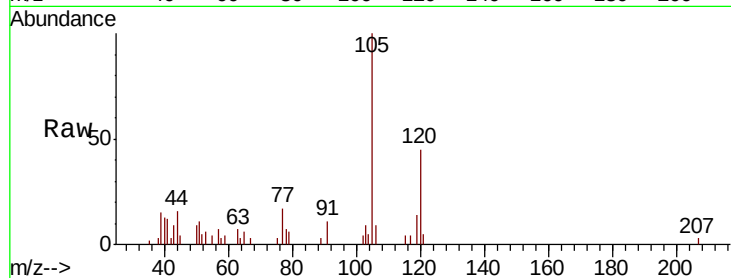




#84
 1,2,4-Trimethylbenzene
 Concen: 1.050 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN052397.D
 Acq: 19 Nov 2018 20:40

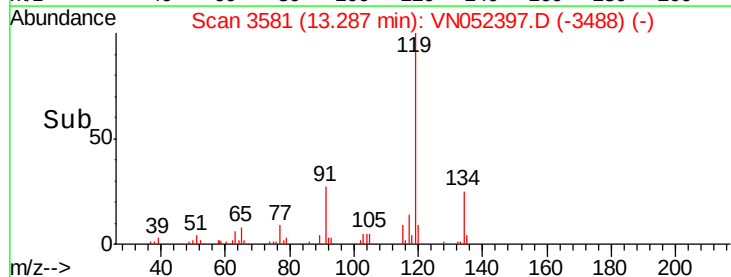
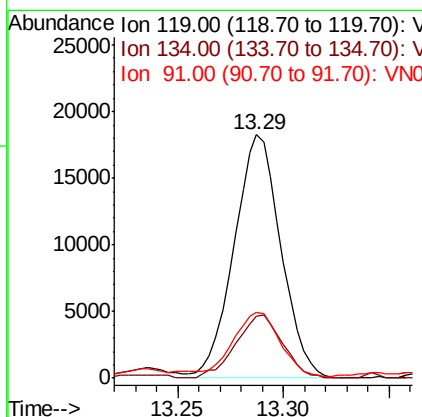
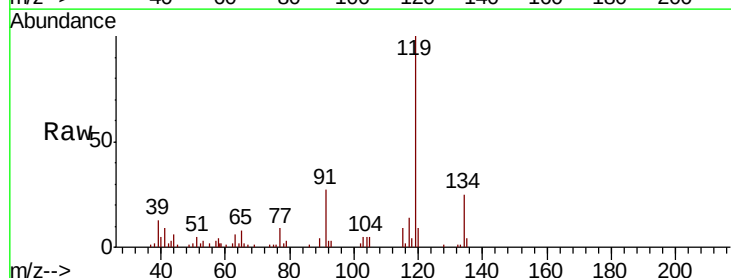
Instrument :
 MSVOA_N
 ClientSampled :
 OWS-1

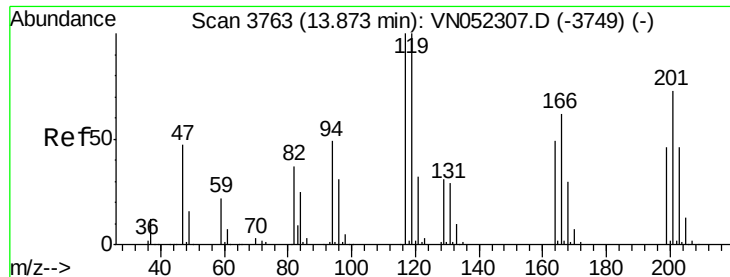
Tot Ion:105 Resp: 10942
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.5 67.5



#86
 p-Isopropyltoluene
 Concen: 2.662 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN052397.D
 Acq: 19 Nov 2018 20:40

Tgt Ion:119 Resp: 28162
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 38.9
 91 27.7 12.4 37.0





#90

Hexachloroethane

Concen: 0.209 ug/l

RT: 13.89 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN052397.D

Acq: 19 Nov 2018 20:40

Instrument :

MSVOA_N

ClientSampleId :

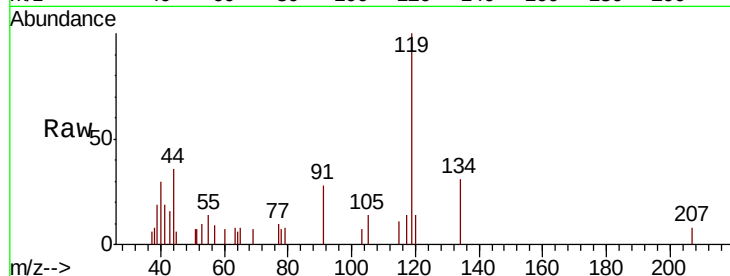
OWS-1

Tot Ion:117 Resp: 391

Ion Ratio Lower Upper

117 100

201 0.0 35.3 105.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.89

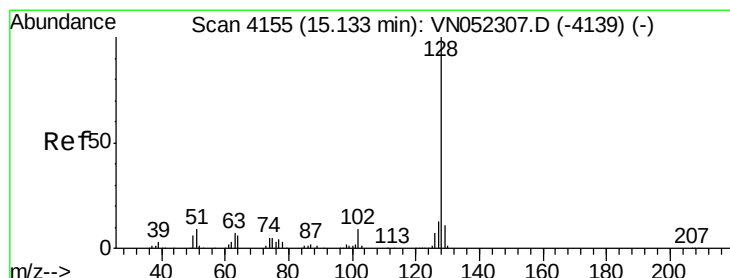
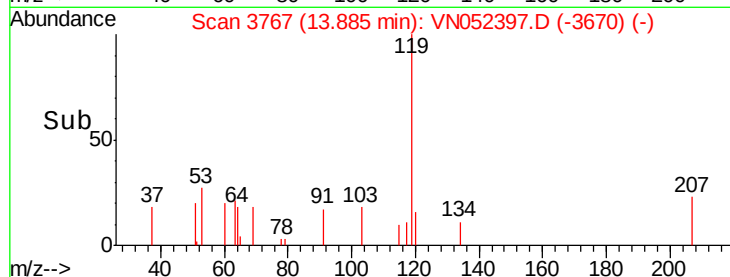
300

200

100

0

Time-->



#95

Naphthalene

Concen: 5.201 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052397.D

Acq: 19 Nov 2018 20:40

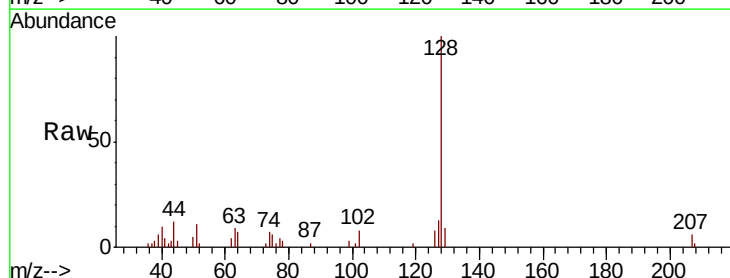
Tgt Ion:128 Resp: 15744

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 10.5 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.13

12000

10000

8000

6000

4000

2000

0

Time-->

