

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112118\
 Data File : VN052447.D
 Acq On : 21 Nov 2018 19:10
 Operator : MD\SY
 Sample : J5763-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 22 00:00:28 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	314835	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	519908	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	444681	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	143296	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	235508	52.96	ug/l	0.00
Spiked Amount			Recovery	=	105.92%	
35) Dibromofluoromethane	7.59	113	176194	52.54	ug/l	0.00
Spiked Amount			Recovery	=	105.08%	
50) Toluene-d8	10.09	98	668698	50.69	ug/l	0.00
Spiked Amount			Recovery	=	101.38%	
62) 4-Bromofluorobenzene	12.40	95	189100	43.57	ug/l	0.00
Spiked Amount			Recovery	=	87.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	1154	0.249	ug/l	91
11) Tert butyl alcohol	4.76	59	60	0.256	ug/l #	72
13) Acrolein	3.62	56	130	22.105	ug/l #	14
14) Allyl chloride	4.55	41	9570	1.438	ug/l #	22
16) Acetone	3.82	43	11467	9.366	ug/l	99
18) Methyl Acetate	4.33	43	1954	0.996	ug/l #	77
20) Methylene Chloride	4.55	84	196577	52.816	ug/l	97
25) 2-Butanone	6.86	43	1240	0.720	ug/l #	52
29) Tetrahydrofuran	7.21	42	234	0.207	ug/l #	64
31) Cyclohexane	7.66	56	10420	0.491	ug/l #	42
36) 1,1-Dichloropropene	7.67	75	30344	5.823	ug/l #	52
38) Carbon Tetrachloride	7.67	117	34261	7.156	ug/l #	16
40) Benzene	8.04	78	4688	0.315	ug/l	99
41) Methacrylonitrile	7.20	41	59	3.721	ug/l #	100
43) Isopropyl Acetate	8.17	43	22467	3.079	ug/l #	90
45) 1,2-Dichloropropane	9.27	63	1017	0.241	ug/l #	44
48) Methyl methacrylate	9.18	41	5921	1.599	ug/l #	38
51) 4-Methyl-2-Pentanone	10.02	43	5118	1.393	ug/l #	41
52) Toluene	10.16	92	1794	0.201	ug/l	90
54) cis-1,3-Dichloropropene	9.90	75	31402	5.442	ug/l #	77
57) 1,3-Dichloropropane	10.76	76	6834	1.195	ug/l #	43
59) 2-Hexanone	10.76	43	115737	45.805	ug/l #	54
68) m/p-Xylenes	11.61	106	2946	0.494	ug/l	89
69) o-Xylene	11.95	106	3291	0.576	ug/l	100
71) Bromoform	12.40	173	714	0.377	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	110004	45.242	ug/l #	100
78) n-propylbenzene	12.59	91	3600	0.267	ug/l	91
79) 2-Chlorotoluene	12.65	91	1894	0.241	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.73	105	10225	1.116	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	110004	146.737	ug/l #	5
83) tert-Butylbenzene	13.04	119	3288	0.406	ug/l #	51
84) 1,2,4-Trimethylbenzene	13.04	105	29099	3.164	ug/l	97
86) p-Isopropyltoluene	13.24	119	3295	0.353	ug/l	95
90) Hexachloroethane	13.89	117	747	0.452	ug/l #	14

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QLast Update : Thu Nov 15 03:02:37 2018
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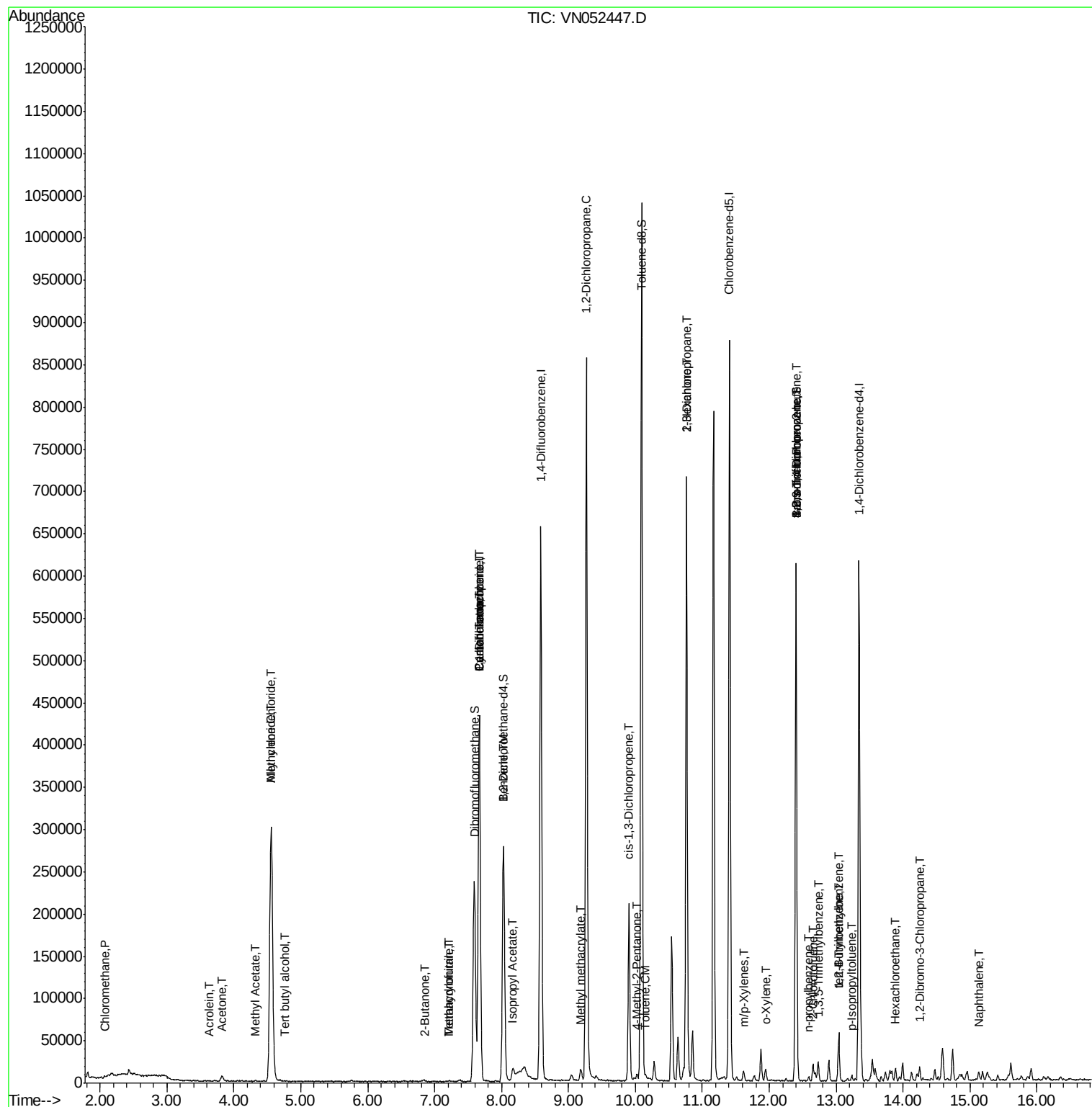
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.26	75	132	0.321	ug/l #	3
95) Naphthalene	15.13	128	7624	4.029	ug/l #	92

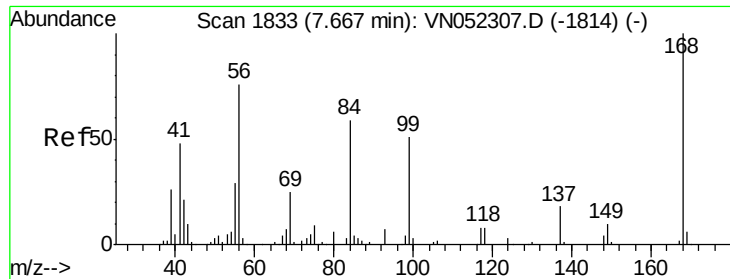
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112118\
Data File : VN052447.D
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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: VN052447.D

Acq: 21 Nov 2018 19:10

Instrument :

MSVOA_N

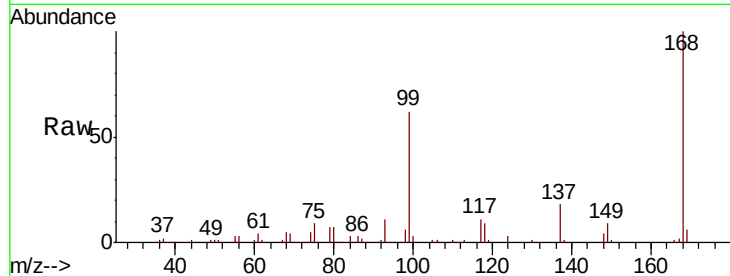
ClientSampleId :

Tot Ion:168 Resp: 314835

Ion Ratio Lower Upper

168 100

99 61.5 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

150000

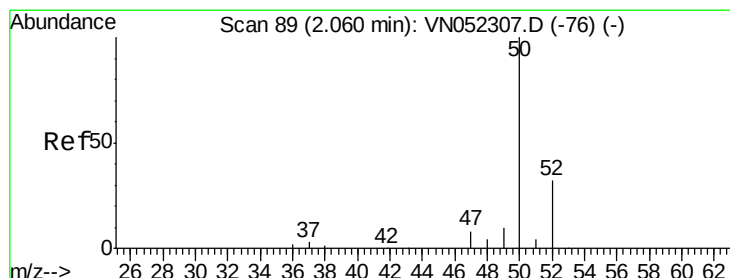
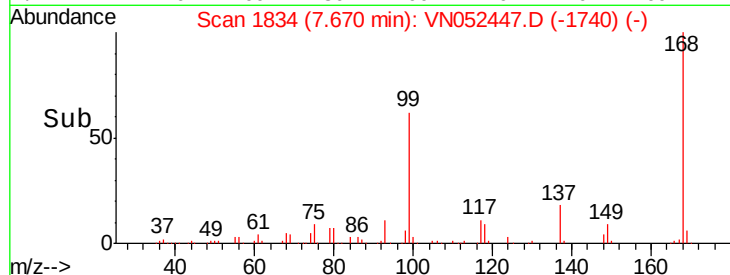
100000

50000

0

7.60 7.70 7.80

Time-->



#3

Chloromethane

Concen: 0.249 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN052447.D

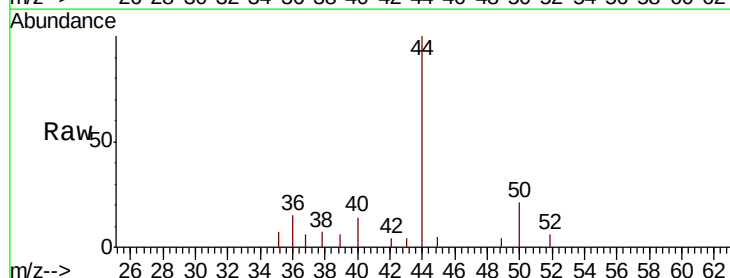
Acq: 21 Nov 2018 19:10

Tgt Ion: 50 Resp: 1154

Ion Ratio Lower Upper

50 100

52 26.9 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

800

600

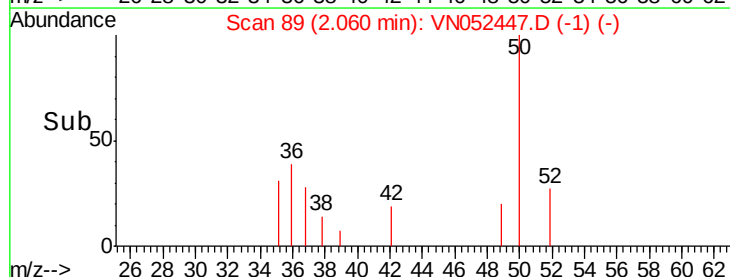
400

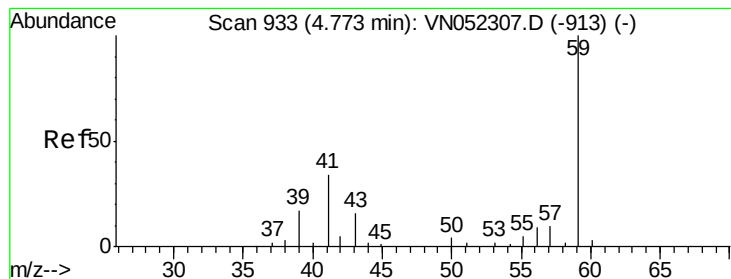
200

0

2.02 2.04 2.06 2.08 2.10

Time-->



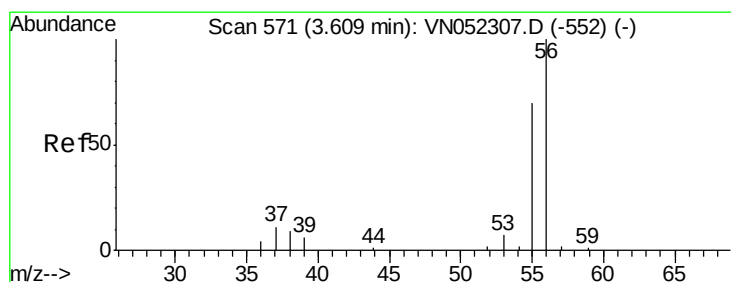
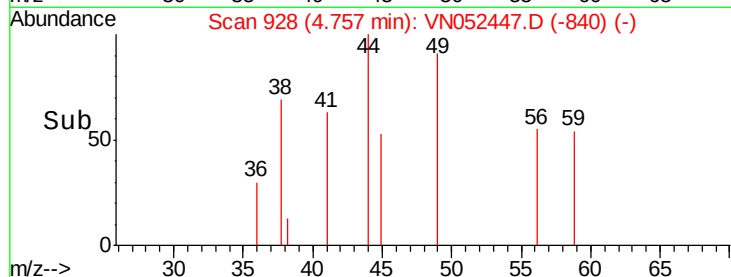
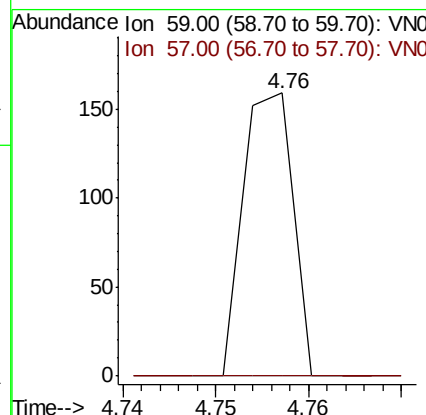
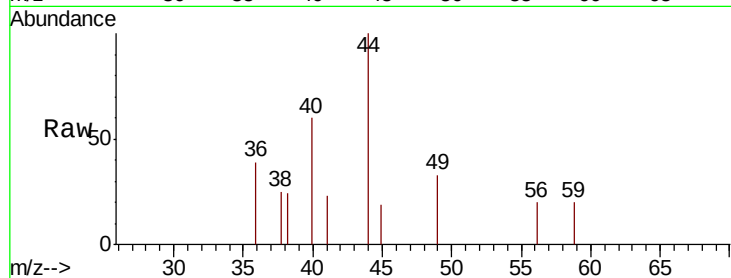


#11

Tert butyl alcohol
 Concen: 0.256 ug/l
 RT: 4.76 min Scan# 928
 Delta R.T. -0.02 min
 Lab File: VN052447.D
 Acq: 21 Nov 2018 19:10

Instrument :
 MSVOA_N
 ClientSampled :

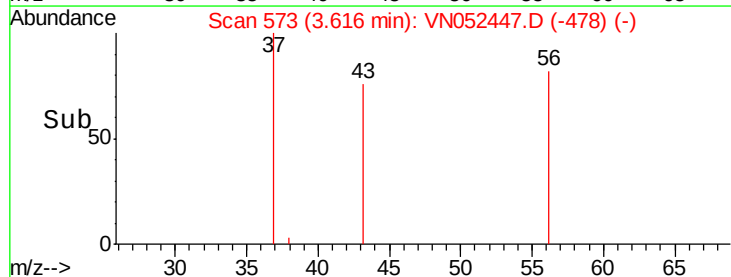
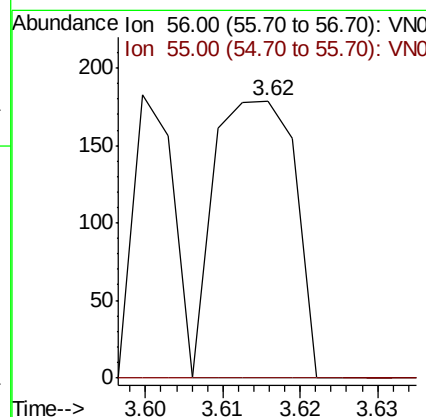
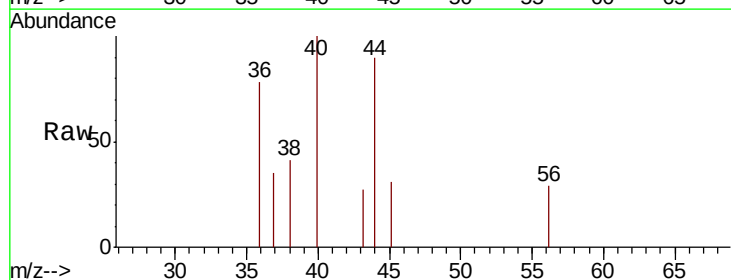
Tot Ion: 59 Resp: 60
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

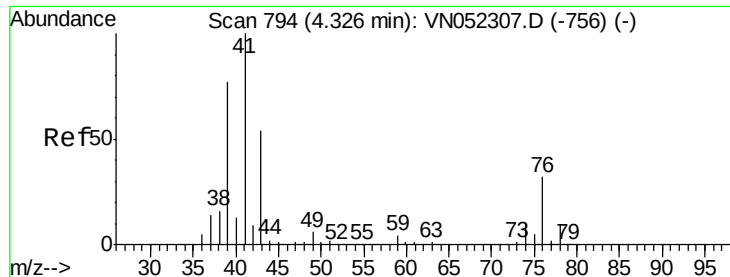


#13

Acrolein
 Concen: 22.105 ug/l
 RT: 3.62 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: VN052447.D
 Acq: 21 Nov 2018 19:10

Tgt Ion: 56 Resp: 130
 Ion Ratio Lower Upper
 56 100
 55 0.0 57.6 86.4#





#14

Allvl chloride

Concen: 1.438 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.23 min

Lab File: VN052447.D

Acq: 21 Nov 2018 19:10

Instrument :

MSVOA_N

ClientSampleId :

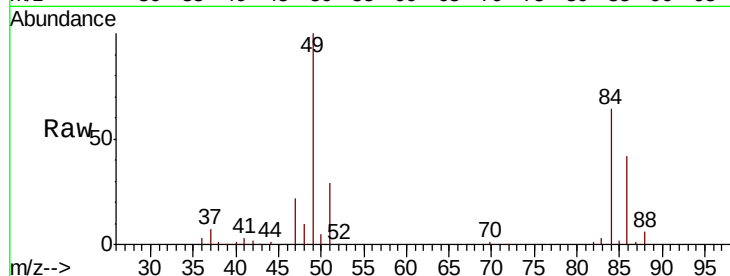
Tot Ion: 41 Resp: 9570

Ion Ratio Lower Upper

41 100

39 0.6 59.1 88.7#

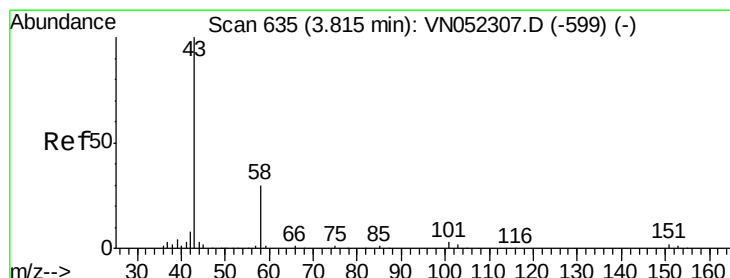
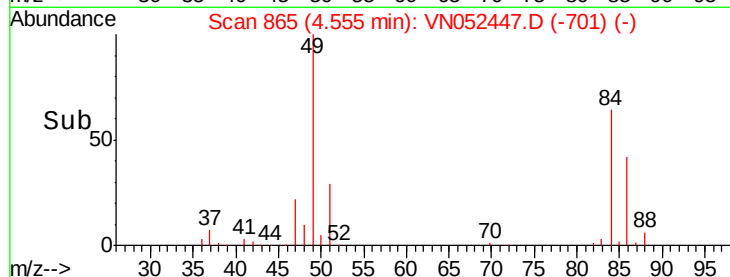
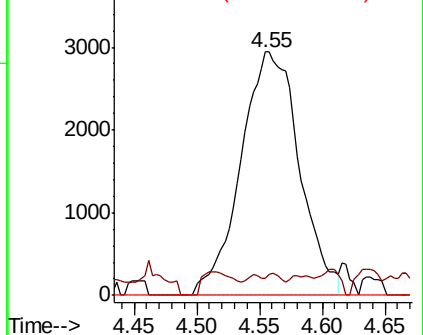
76 0.0 24.1 36.1#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0



#16

Acetone

Concen: 9.366 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052447.D

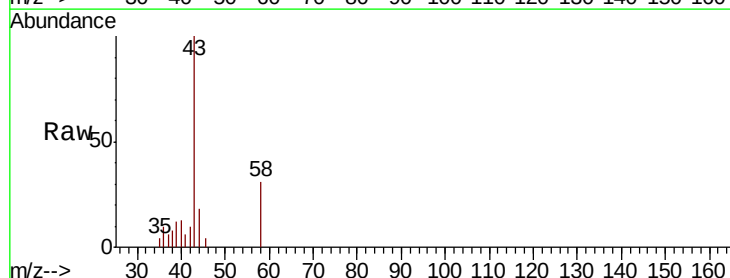
Acq: 21 Nov 2018 19:10

Tgt Ion: 43 Resp: 11467

Ion Ratio Lower Upper

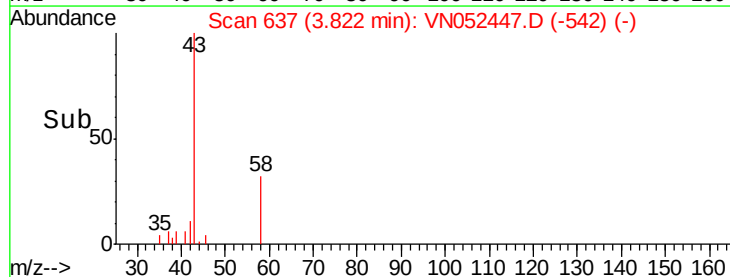
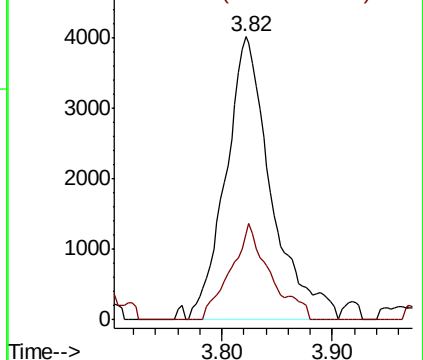
43 100

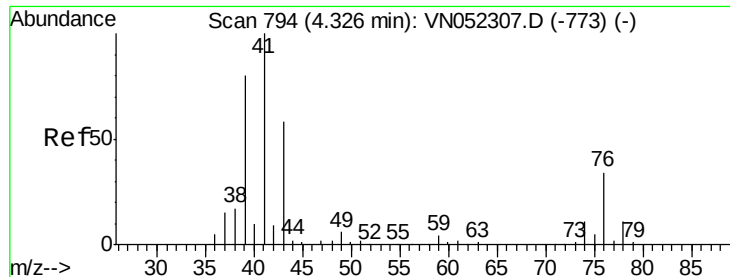
58 30.7 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

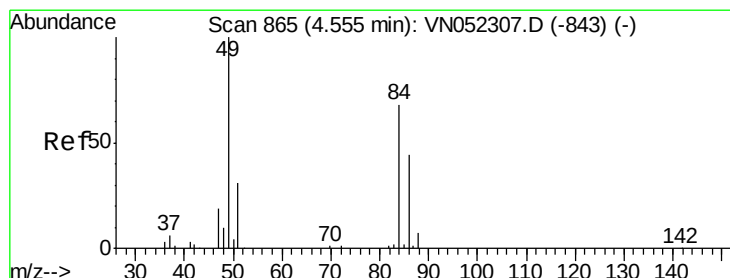
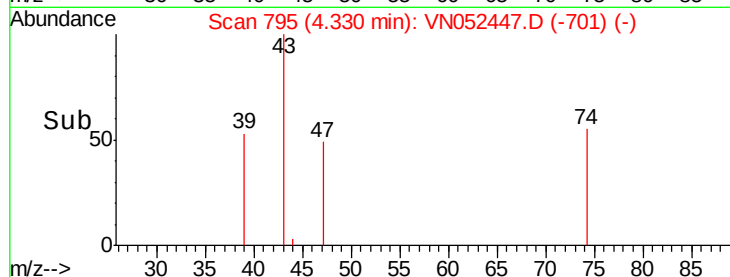
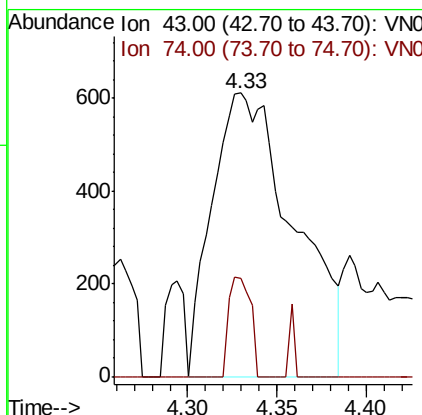
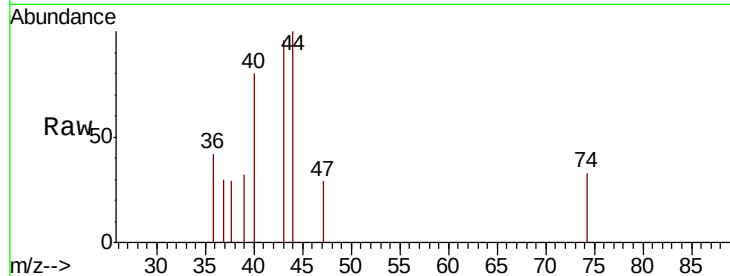




#18
Methyl Acetate
Concen: 0.996 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN052447.D
Acq: 21 Nov 2018 19:10

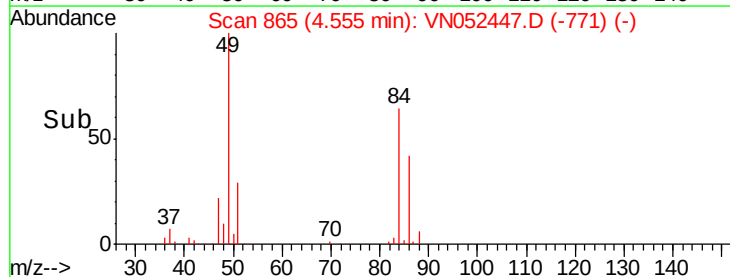
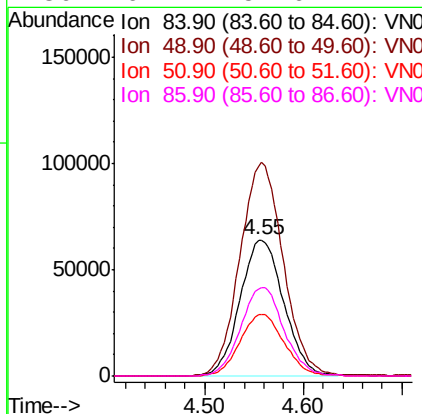
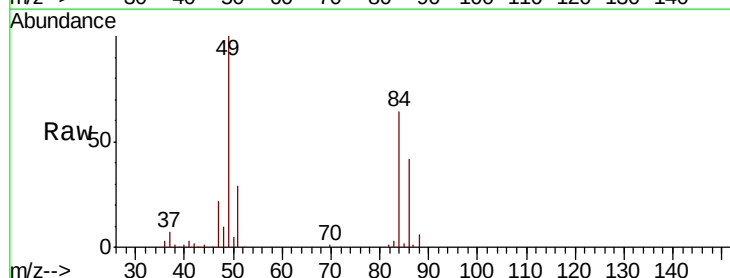
Instrument :
MSVOA_N
ClientSampleId :

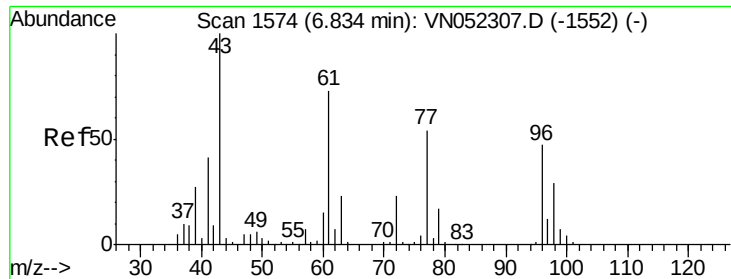
Tot Ion: 43 Resp: 1954
Ion Ratio Lower Upper
43 100
74 9.2 15.9 23.9#



#20
Methylene Chloride
Concen: 52.816 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052447.D
Acq: 21 Nov 2018 19:10

Tgt Ion: 84 Resp: 196577
Ion Ratio Lower Upper
84 100
49 154.8 118.2 177.2
51 45.1 36.1 54.1
86 64.4 51.6 77.4

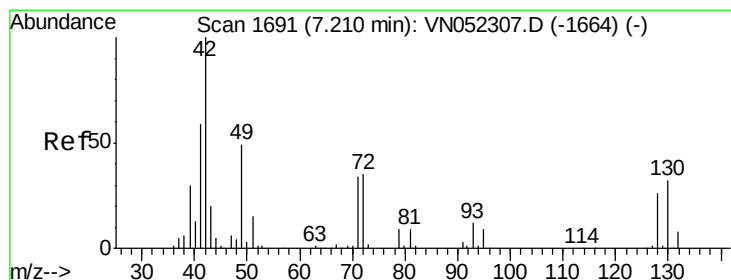
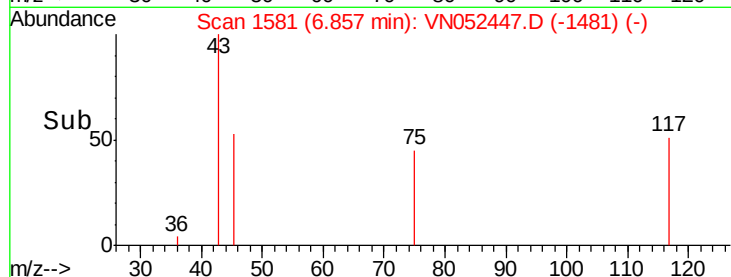
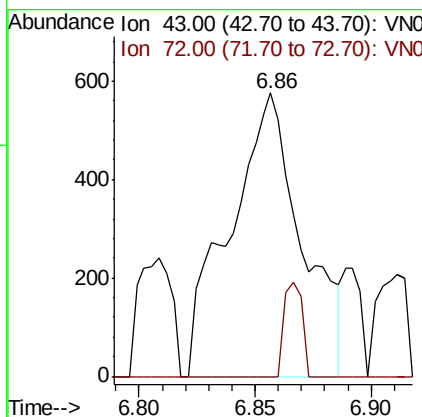
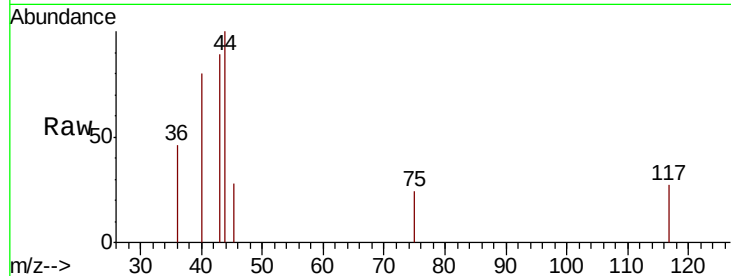




#25
2-Butanone
Concen: 0.720 ug/l
RT: 6.86 min Scan# 1581
Delta R.T. 0.02 min
Lab File: VN052447.D
Acq: 21 Nov 2018 19:10

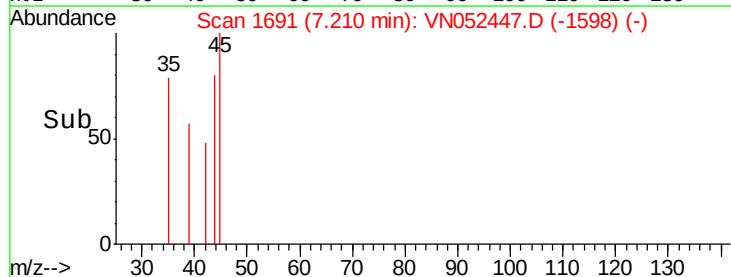
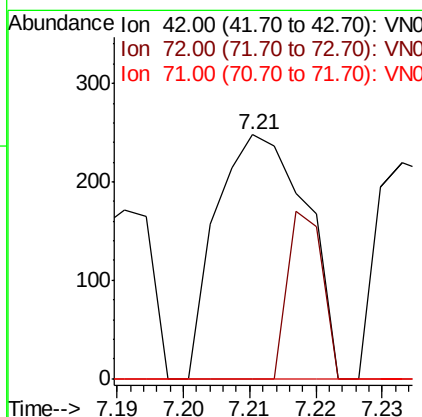
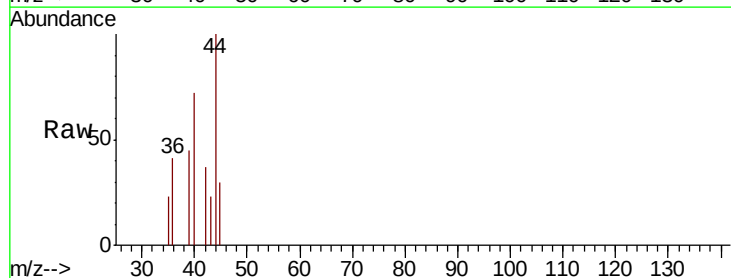
Instrument :
MSVOA_N
ClientSampled :

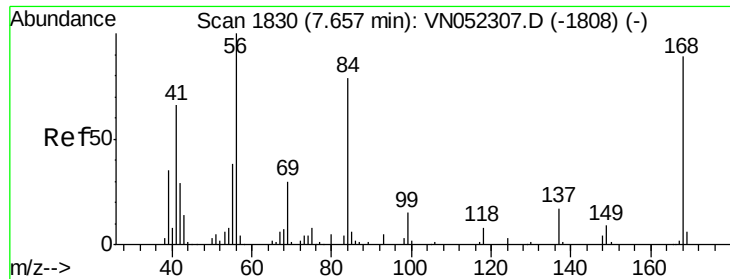
Tot Ion: 43 Resp: 1240
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#29
Tetrahydrofuran
Concen: 0.207 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN052447.D
Acq: 21 Nov 2018 19:10

Tgt Ion: 42 Resp: 234
Ion Ratio Lower Upper
42 100
72 26.9 28.6 42.8#
71 0.0 26.7 40.1#

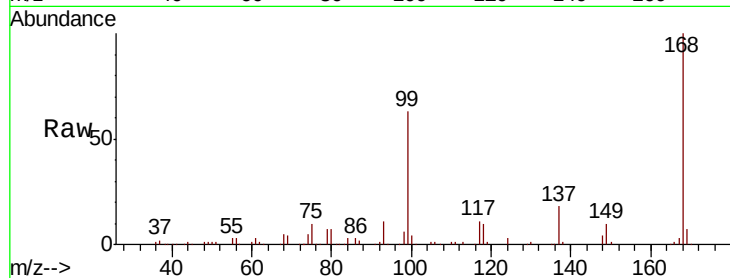




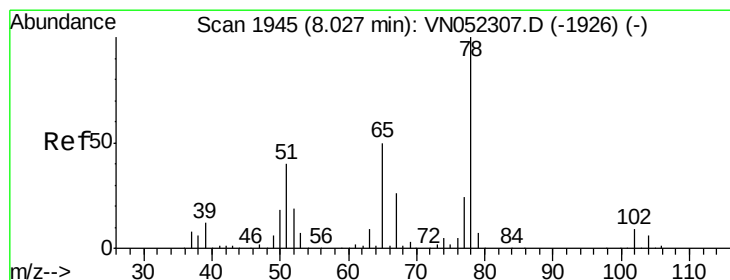
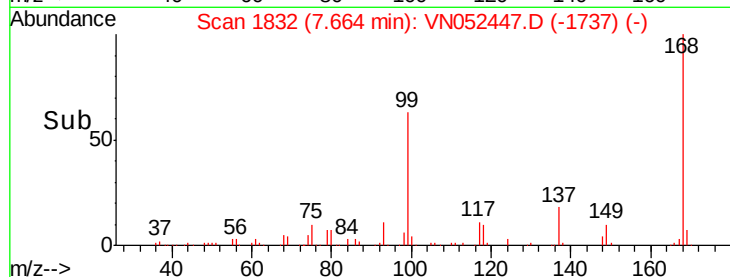
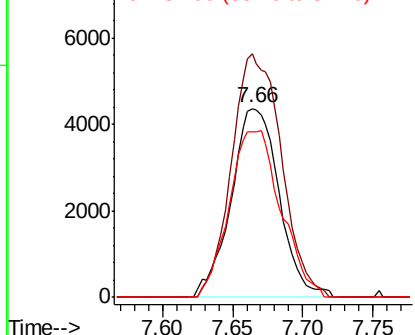
#31
Cyclohexane
Concen: 0.491 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN052447.D
Acq: 21 Nov 2018 19:10

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 10420
Ion Ratio Lower Upper
56 100
69 128.8 23.8 35.8#
84 87.5 63.0 94.6

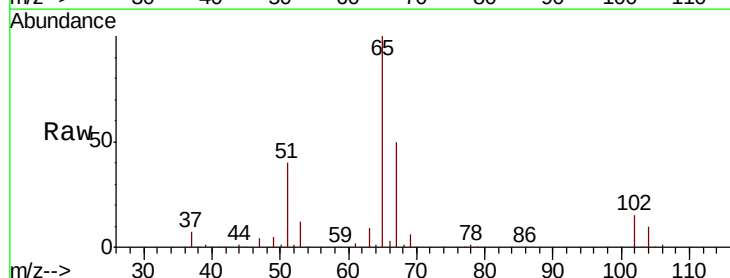


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

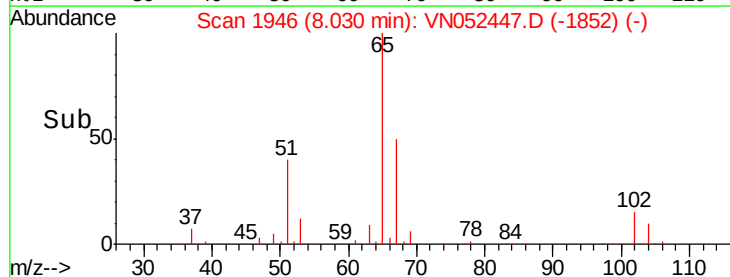
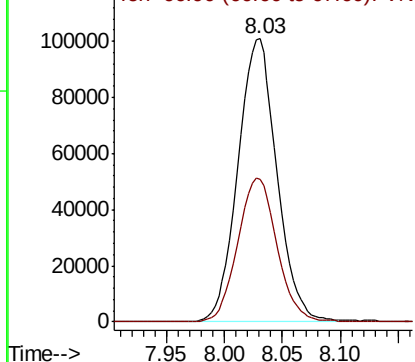


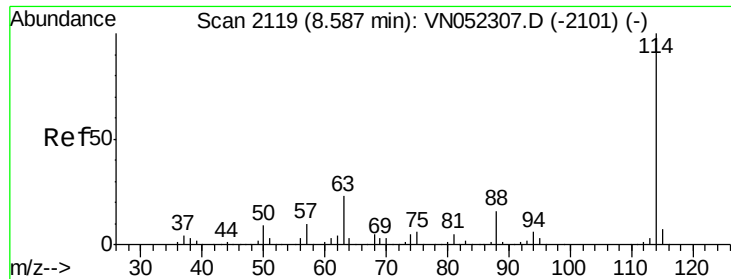
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052447.D
Acq: 21 Nov 2018 19:10

Tgt Ion: 65 Resp: 235508
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.2



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

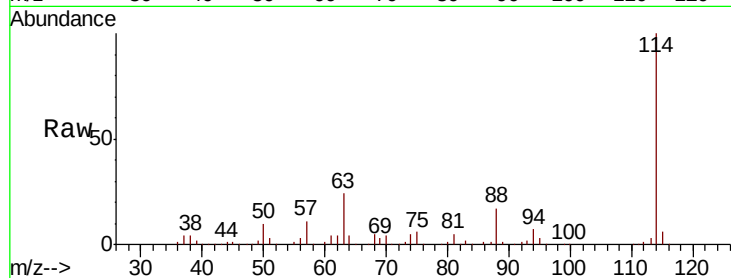




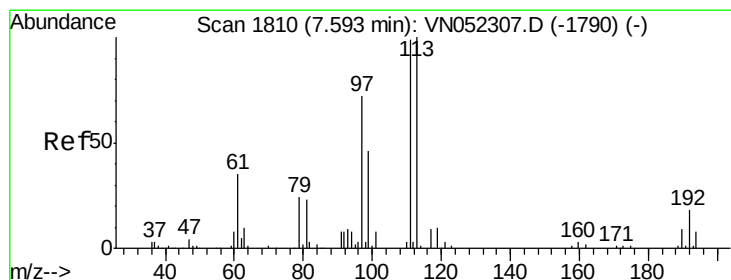
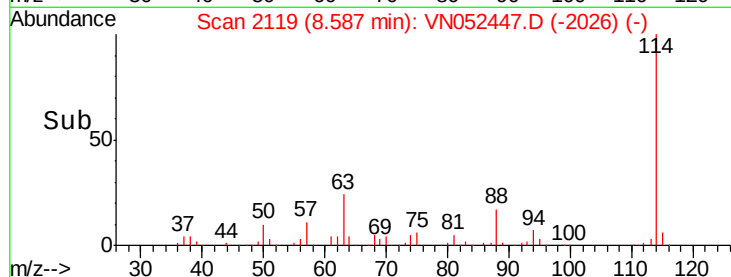
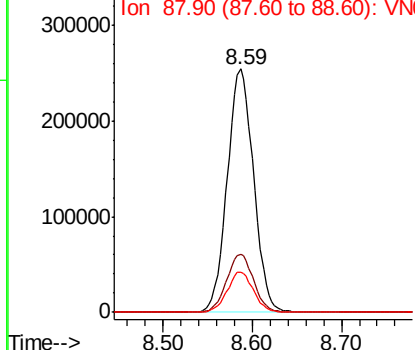
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052447.D
 Acq: 21 Nov 2018 19:10

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 519908
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 45.4
 88 16.6 0.0 31.2

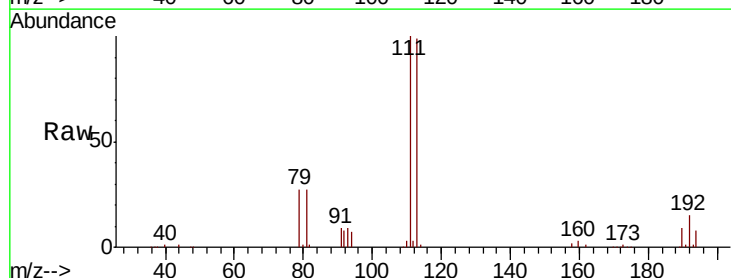


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

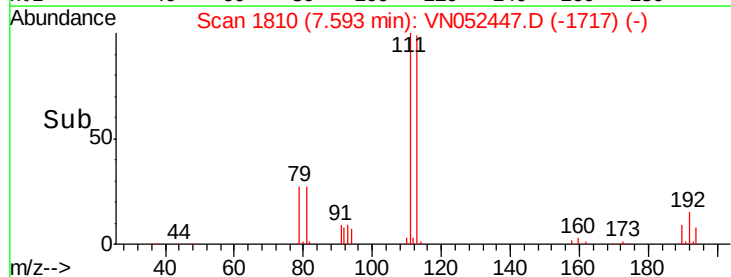
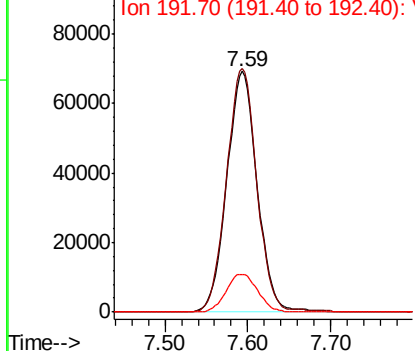


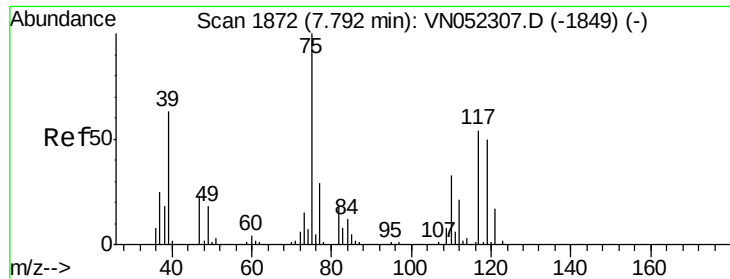
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052447.D
 Acq: 21 Nov 2018 19:10

Tgt Ion:113 Resp: 176194
 Ion Ratio Lower Upper
 113 100
 111 101.0 81.0 121.6
 192 16.4 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

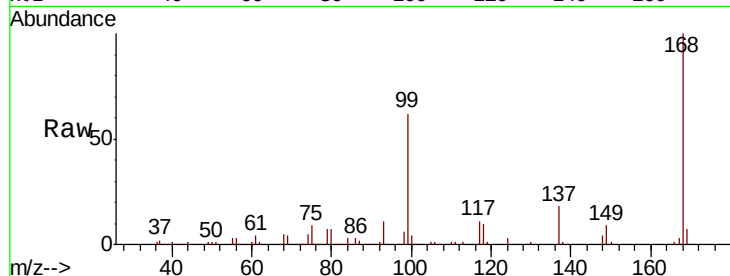




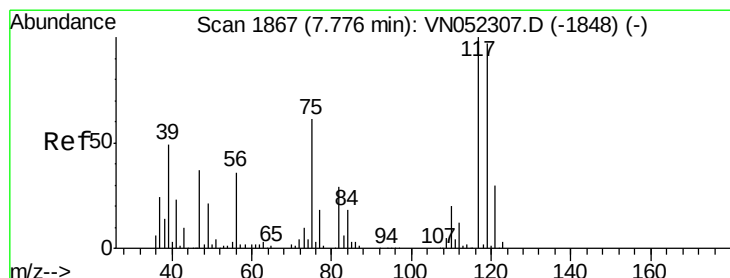
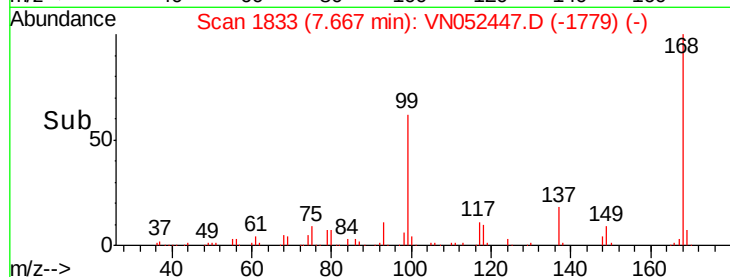
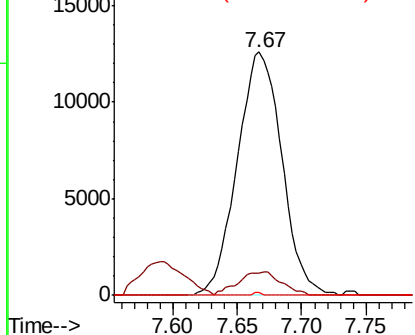
#36
 1,1-Dichloropropene
 Concen: 5.823 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN052447.D
 Acq: 21 Nov 2018 19:10

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 75 Resp: 30344
 Ion Ratio Lower Upper
 75 100
 110 9.5 16.5 49.5#
 77 0.2 24.2 36.2#

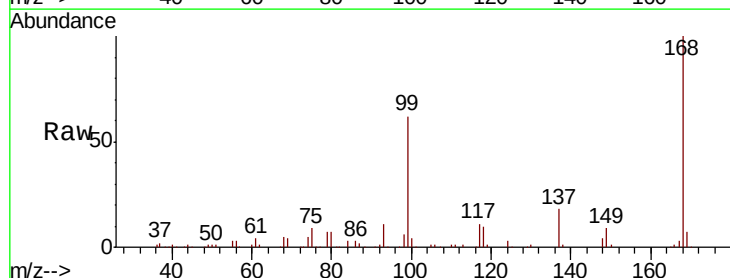


Abundance Ion 74.90 (74.60 to 75.60): VN052307.D (-1849) (-)
 Ion 109.90 (109.60 to 110.60): VN052307.D (-1849) (-)
 Ion 76.90 (76.60 to 77.60): VN052307.D (-1849) (-)

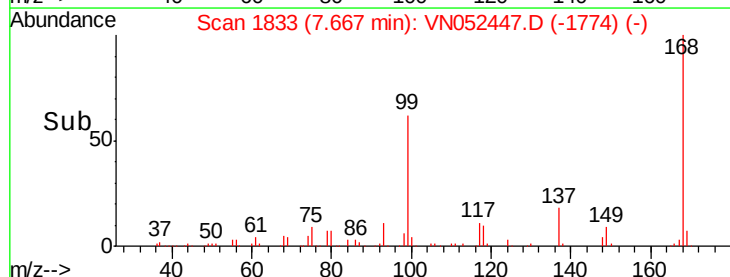
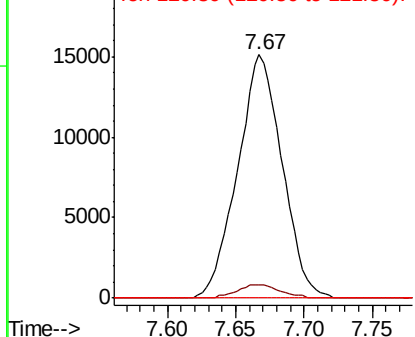


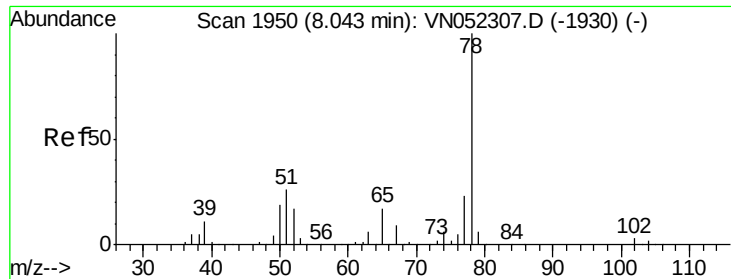
#38
 Carbon Tetrachloride
 Concen: 7.156 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN052447.D
 Acq: 21 Nov 2018 19:10

Tgt Ion: 117 Resp: 34261
 Ion Ratio Lower Upper
 117 100
 119 5.5 77.4 116.0#
 121 0.0 24.0 36.0#



Abundance Ion 116.80 (116.50 to 117.50): VN052307.D (-1848) (-)
 Ion 118.80 (118.50 to 119.50): VN052307.D (-1848) (-)
 Ion 120.80 (120.50 to 121.50): VN052307.D (-1848) (-)





#40

Benzene

Concen: 0.315 ug/l

RT: 8.04 min Scan# 1948

Delta R.T. -0.01 min

Lab File: VN052447.D

Acq: 21 Nov 2018 19:10

Instrument :

MSVOA_N

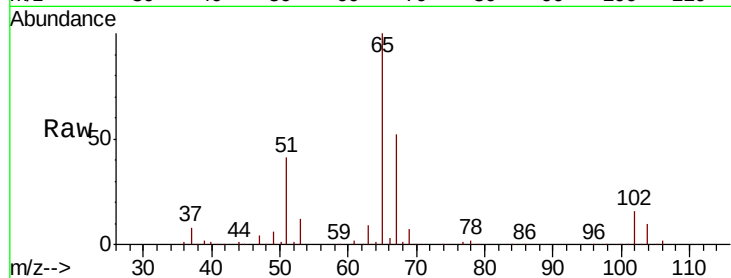
ClientSampleId :

Tot Ion: 78 Resp: 4688

Ion Ratio Lower Upper

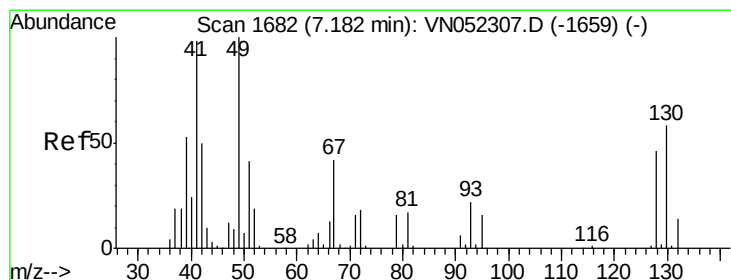
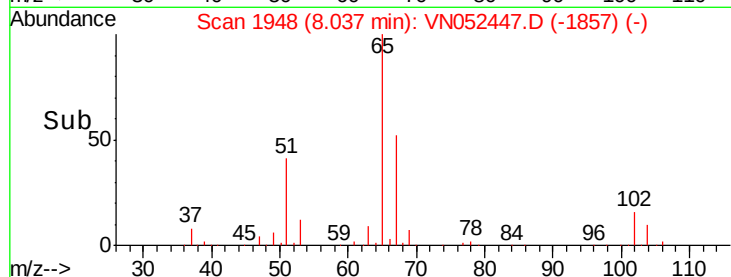
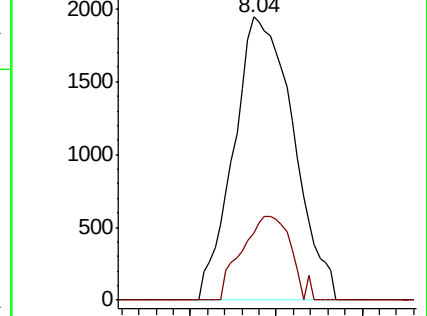
78 100

77 23.9 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#41

Methacrylonitrile

Concen: 3.721 ug/l

RT: 7.20 min Scan# 1689

Delta R.T. 0.03 min

Lab File: VN052447.D

Acq: 21 Nov 2018 19:10

Tgt Ion: 41 Resp: 59

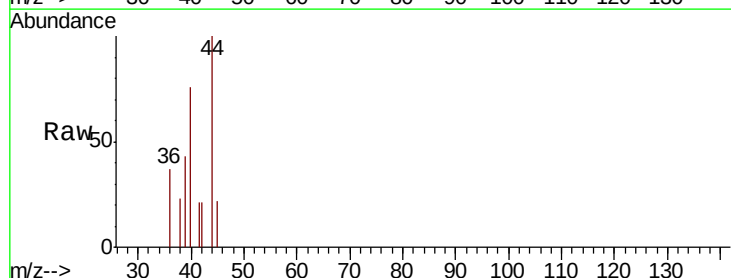
Ion Ratio Lower Upper

41 100

39 891.5 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

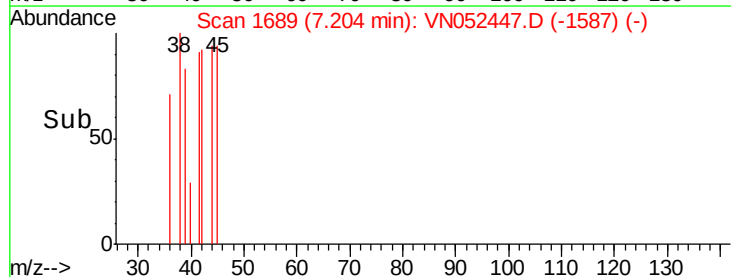
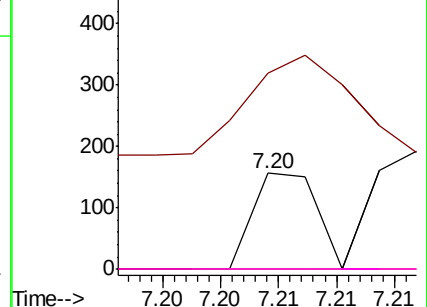


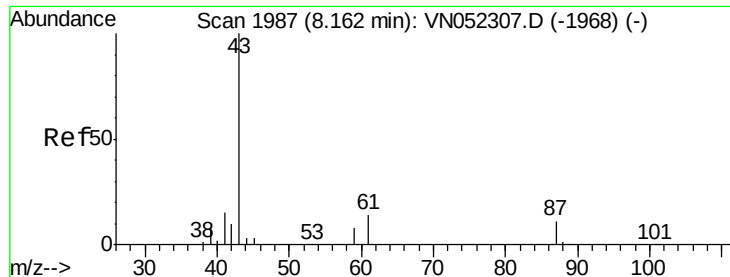
Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0





#43

Isopropyl Acetate

Concen: 3.079 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052447.D

Acq: 21 Nov 2018 19:10

Instrument :

MSVOA_N

ClientSampled :

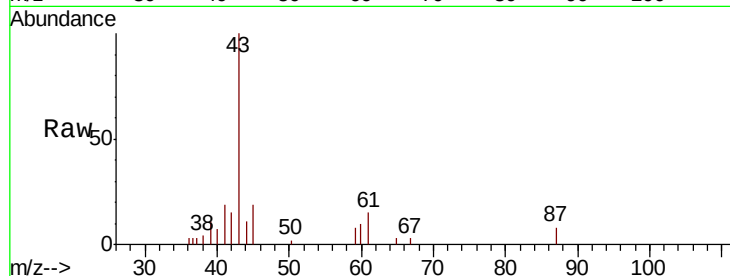
Tot Ion: 43 Resp: 22467

Ion Ratio Lower Upper

43 100

61 12.3 12.0 18.0

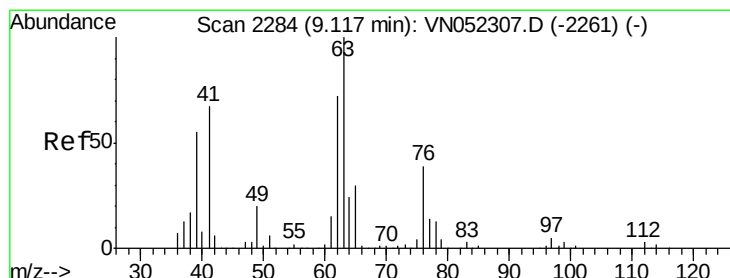
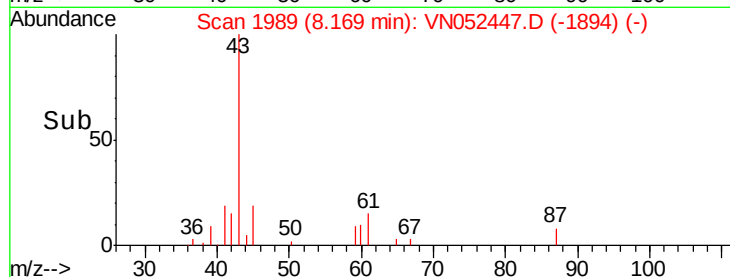
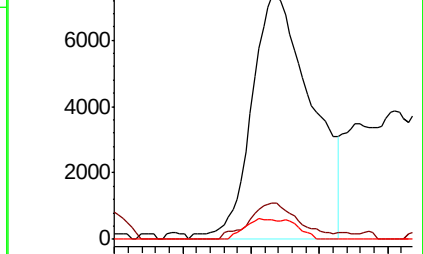
87 4.3 8.3 12.5#



Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052307.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052307.D (-1968) (-)



#45

1,2-Dichloropropane

Concen: 0.241 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.15 min

Lab File: VN052447.D

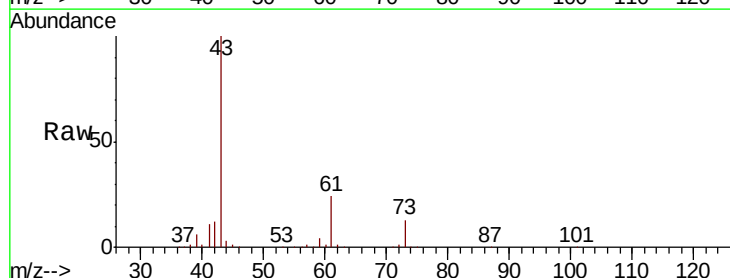
Acq: 21 Nov 2018 19:10

Tgt Ion: 63 Resp: 1017

Ion Ratio Lower Upper

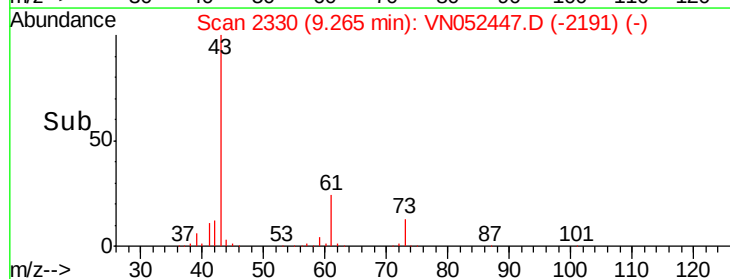
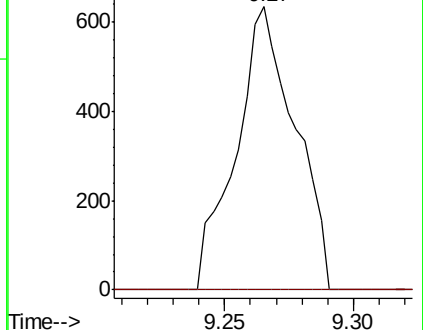
63 100

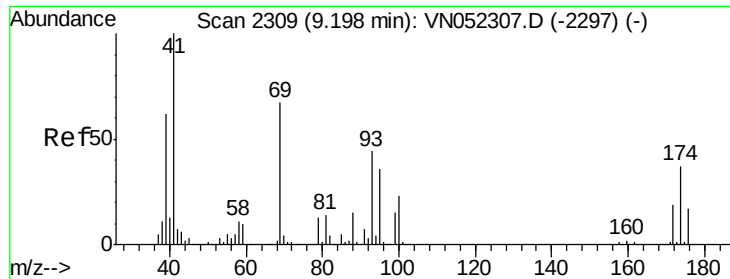
65 0.0 24.2 36.4#



Abundance Ion 62.90 (62.60 to 63.60): VN052307.D (-2261) (-)

Ion 64.90 (64.60 to 65.60): VN052307.D (-2261) (-)

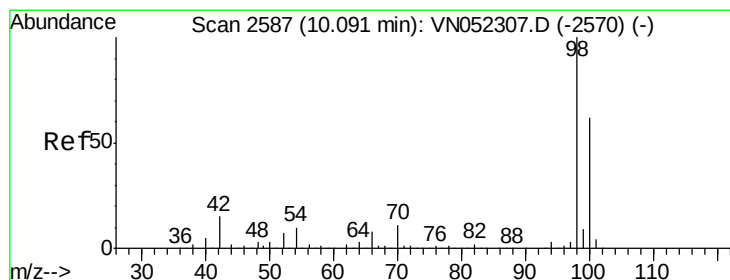
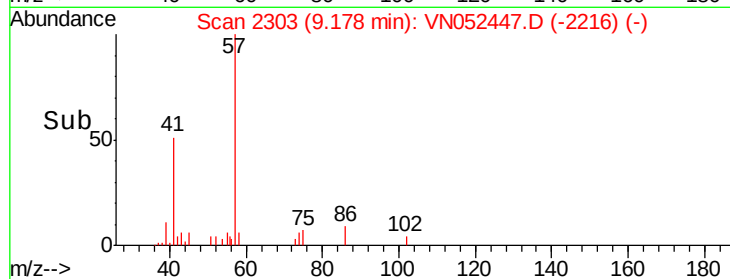
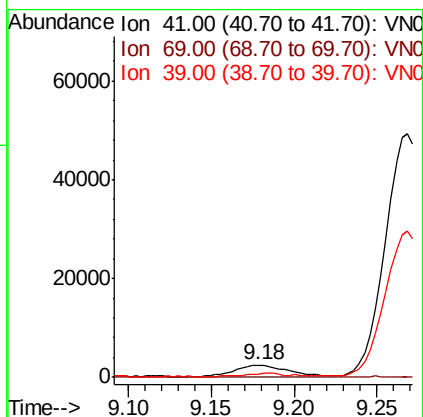
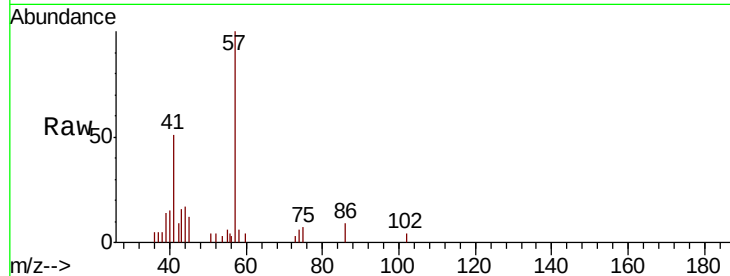




#48
Methvl methacrylate
Concen: 1.599 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN052447.D
Acq: 21 Nov 2018 19:10

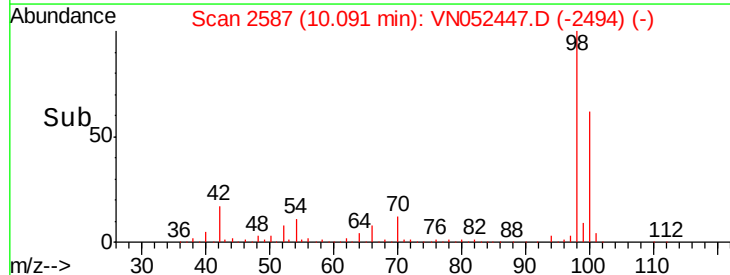
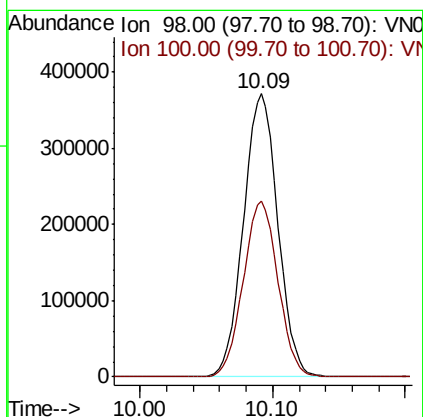
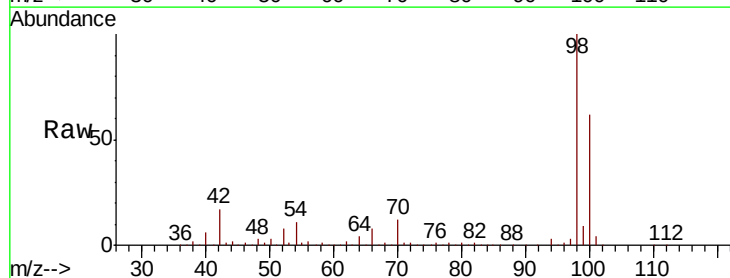
Instrument :
MSVOA_N
ClientSampleId :

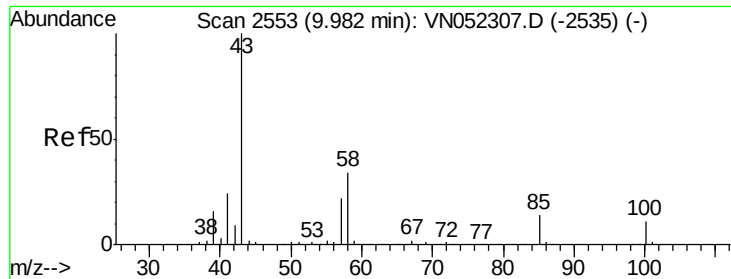
Tot Ion: 41 Resp: 5921
Ion Ratio Lower Upper
41 100
69 1.8 57.1 85.7#
39 35.7 52.5 78.7#



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052447.D
Acq: 21 Nov 2018 19:10

Tgt Ion: 98 Resp: 668698
Ion Ratio Lower Upper
98 100
100 62.8 49.5 74.3





#51

4-Methyl-2-Pentanone

Concen: 1.393 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN052447.D

Acq: 21 Nov 2018 19:10

Instrument :

MSVOA_N

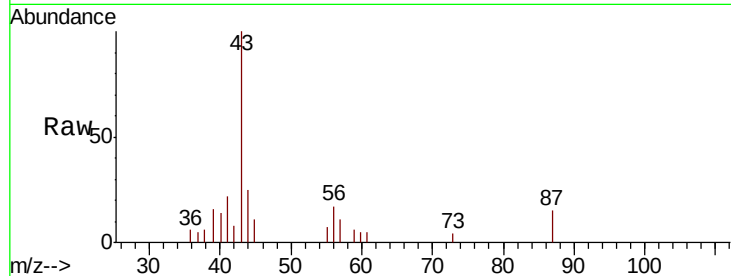
ClientSampled :

Tot Ion: 43 Resp: 5118

Ion Ratio Lower Upper

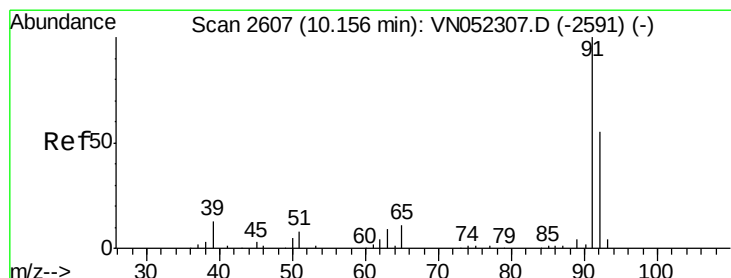
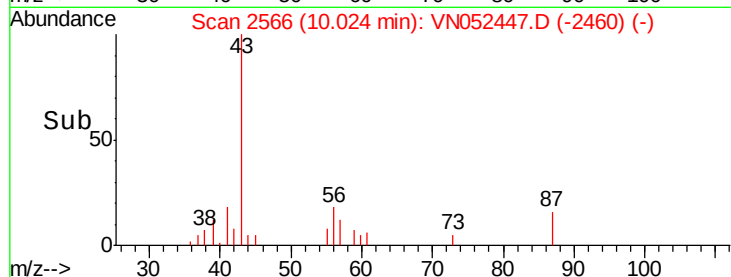
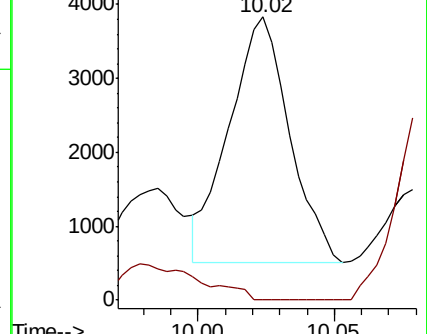
43 100

58 0.0 27.0 40.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 0.201 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN052447.D

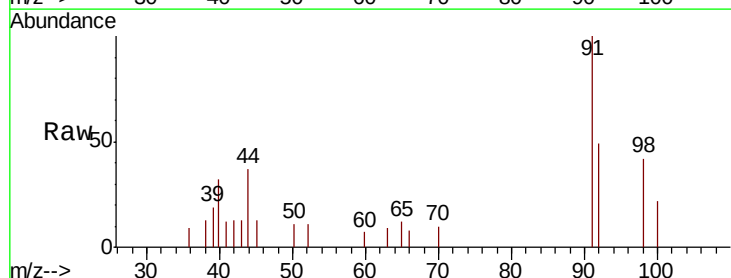
Acq: 21 Nov 2018 19:10

Tgt Ion: 92 Resp: 1794

Ion Ratio Lower Upper

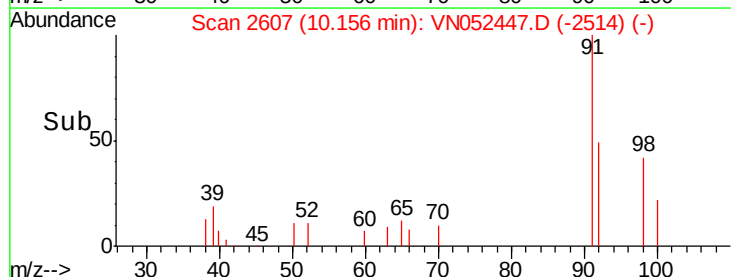
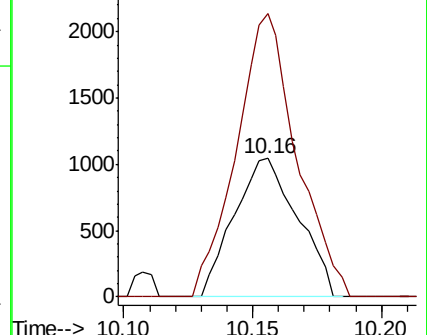
92 100

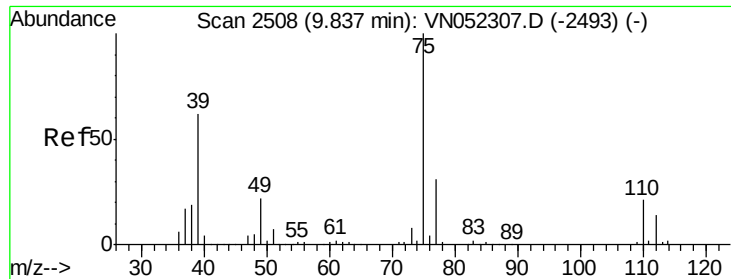
91 193.9 143.6 215.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



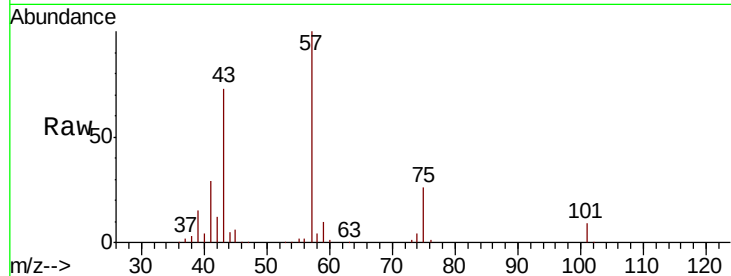


#54

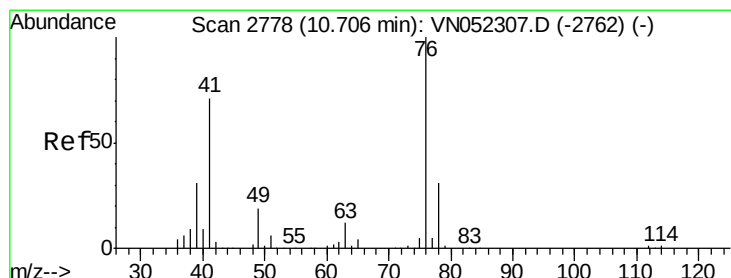
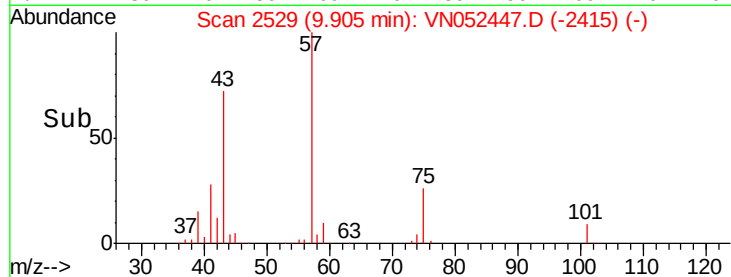
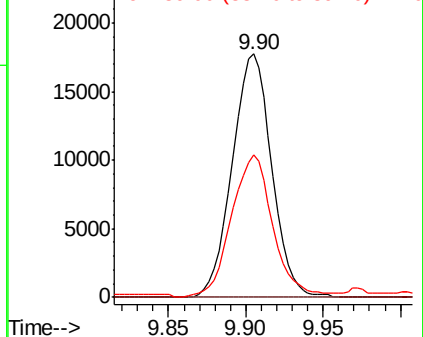
cis-1,3-Dichloropropene
 Concen: 5.442 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN052447.D
 Acq: 21 Nov 2018 19:10

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 75 Resp: 31402
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.6 36.8#
 39 57.4 49.9 74.9



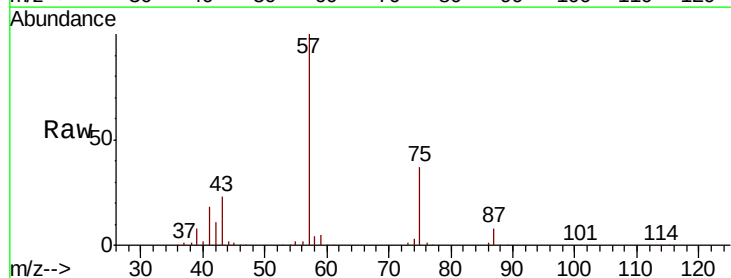
Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0
 Ion 39.00 (38.70 to 39.70): VN0



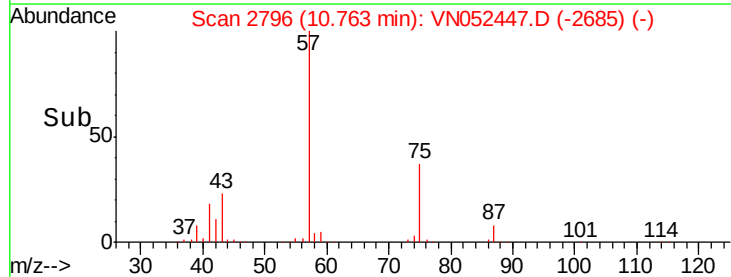
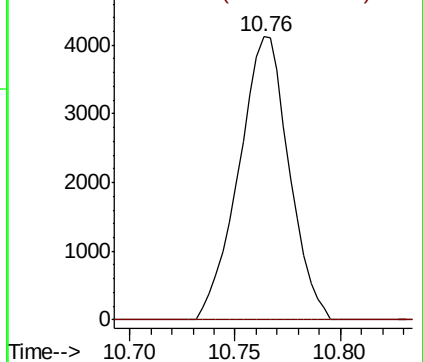
#57

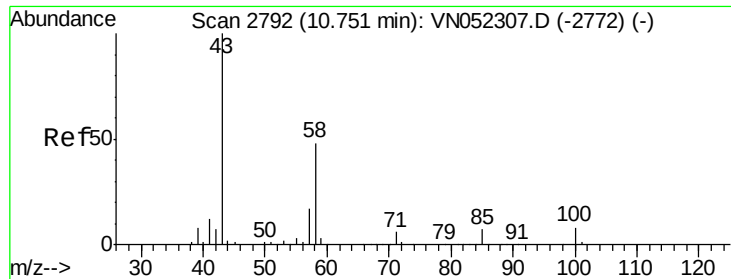
1,3-Dichloropropane
 Concen: 1.195 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN052447.D
 Acq: 21 Nov 2018 19:10

Tgt Ion: 76 Resp: 6834
 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

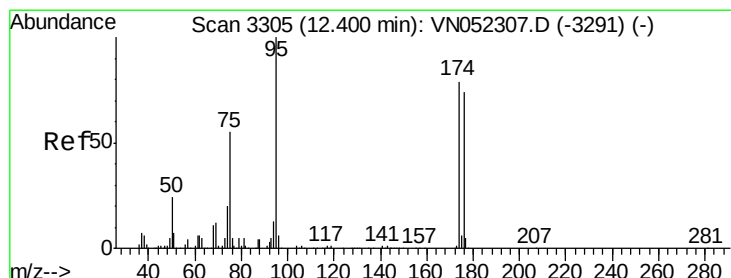
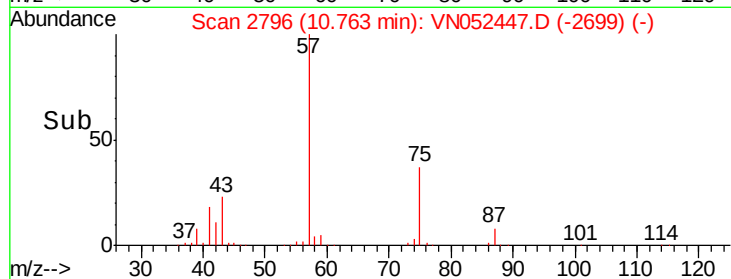
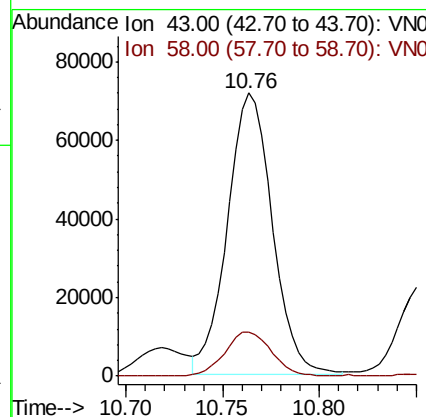
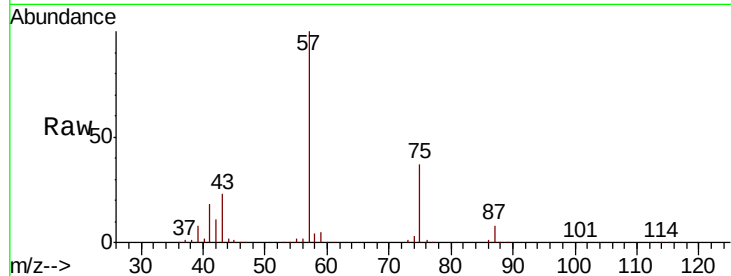




#59
2-Hexanone
Concen: 45.805 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN052447.D
Acq: 21 Nov 2018 19:10

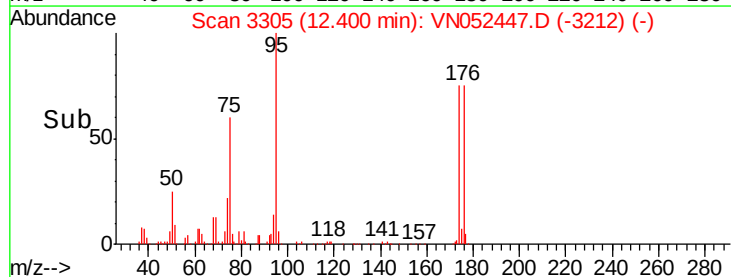
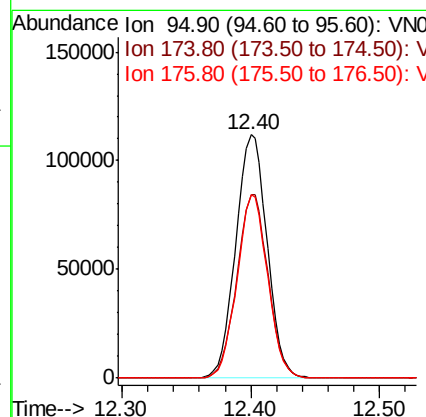
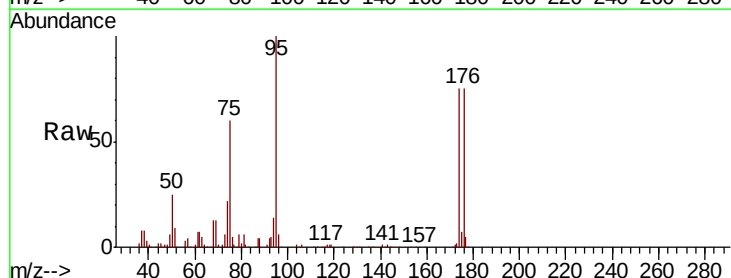
Instrument :
MSVOA_N
ClientSampled :

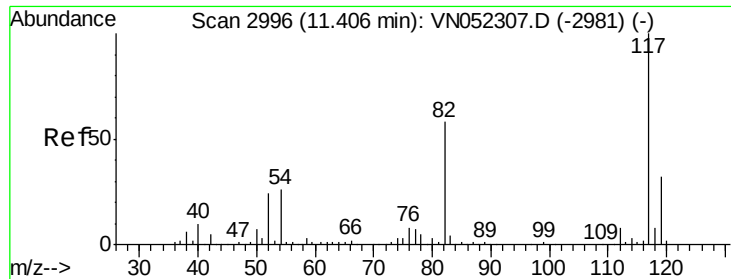
Tot Ion: 43 Resp: 115737
Ion Ratio Lower Upper
43 100
58 16.6 23.5 70.6#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052447.D
Acq: 21 Nov 2018 19:10

Tgt Ion: 95 Resp: 189100
Ion Ratio Lower Upper
95 100
174 75.1 0.0 156.0
176 73.4 0.0 148.4

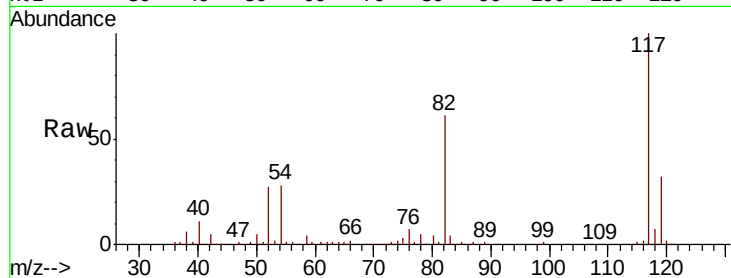




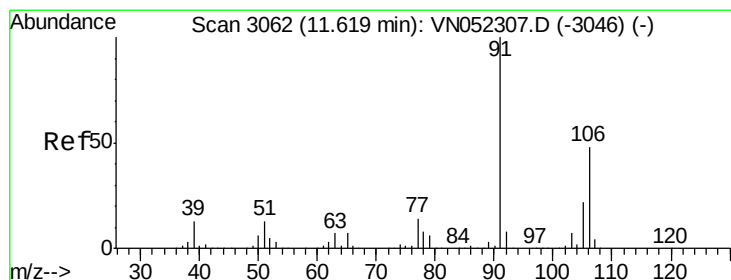
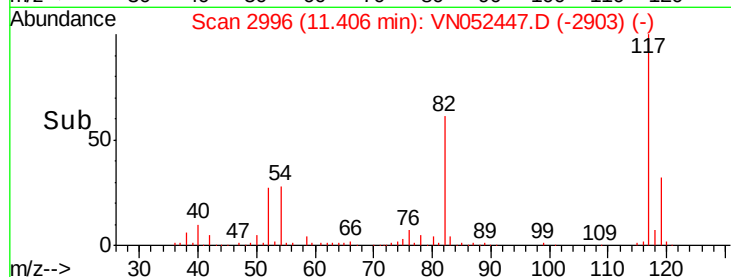
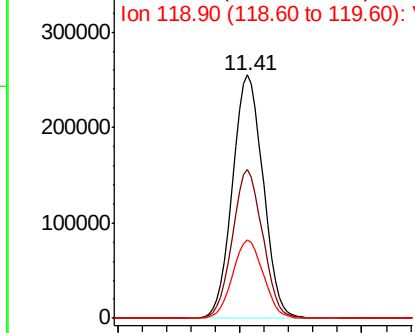
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052447.D
Acq: 21 Nov 2018 19:10

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 444681
Ion Ratio Lower Upper
117 100
82 61.1 46.5 69.7
119 32.2 25.7 38.5

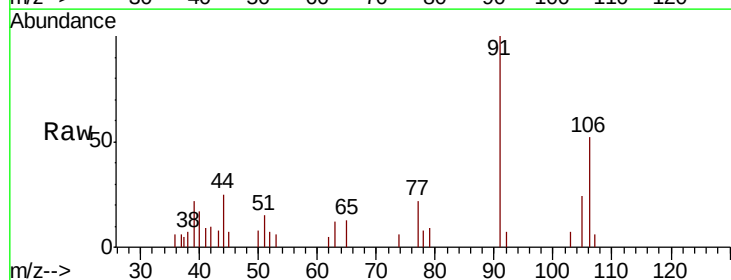


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

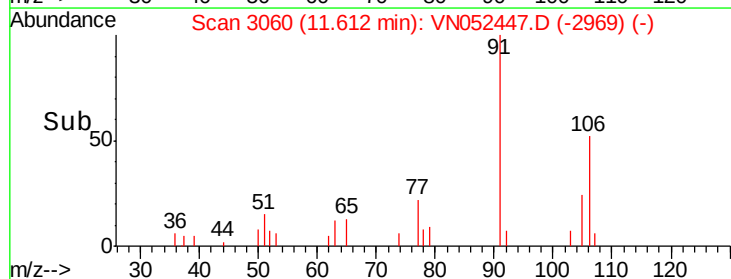
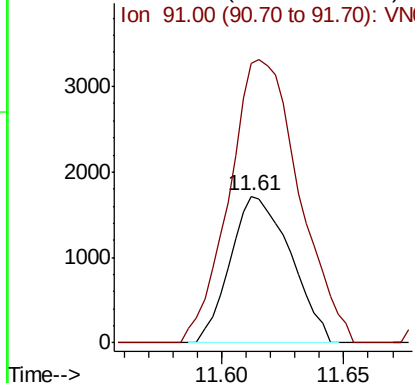


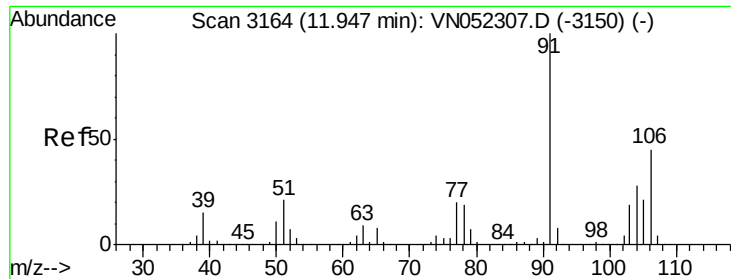
#68
m/p-Xylenes
Concen: 0.494 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.01 min
Lab File: VN052447.D
Acq: 21 Nov 2018 19:10

Tgt Ion:106 Resp: 2946
Ion Ratio Lower Upper
106 100
91 223.2 165.5 248.3



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

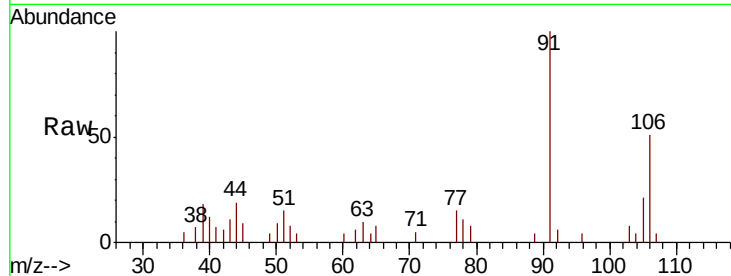




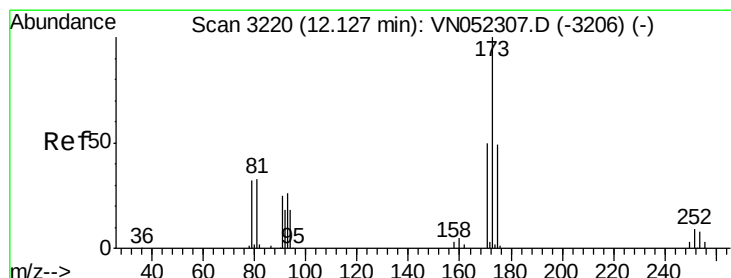
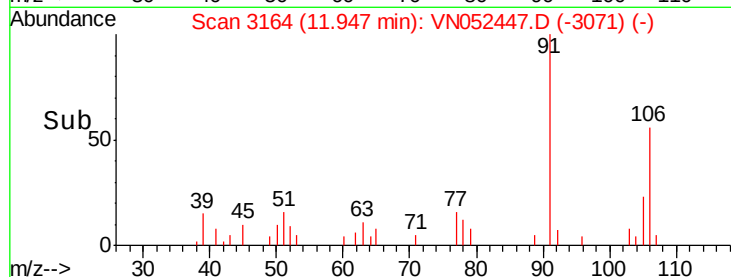
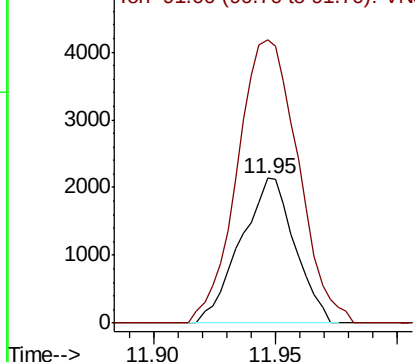
#69
o-Xylene
Concen: 0.576 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN052447.D
Acq: 21 Nov 2018 19:10

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 3291
Ion Ratio Lower Upper
106 100
91 219.2 110.0 330.0

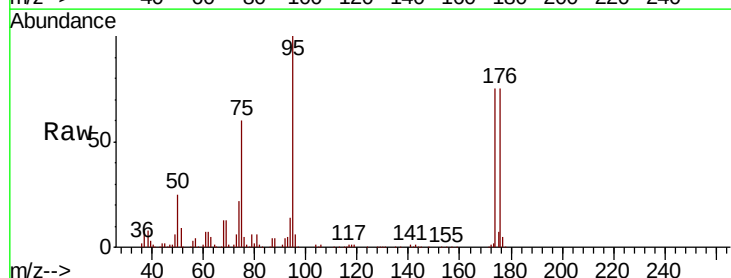


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

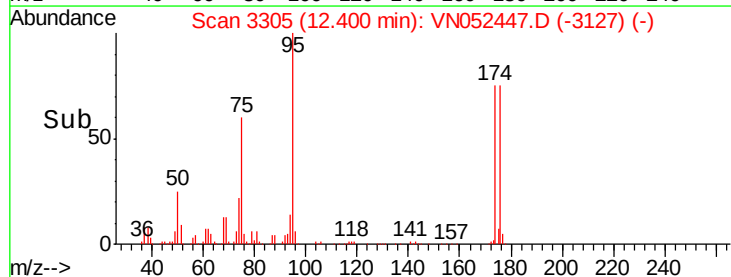
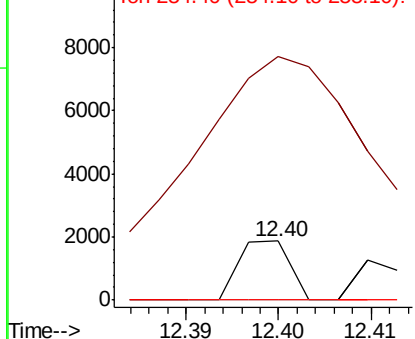


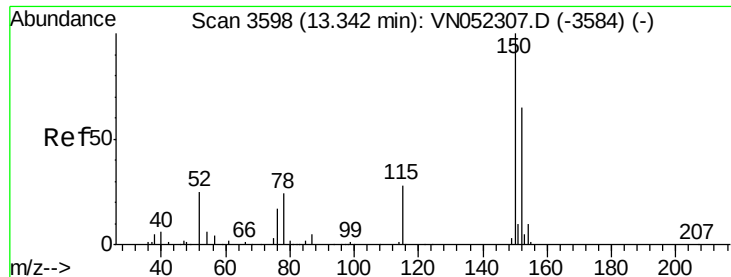
#71
Bromoform
Concen: 0.377 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN052447.D
Acq: 21 Nov 2018 19:10

Tgt Ion:173 Resp: 714
Ion Ratio Lower Upper
173 100
175 1468.3 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



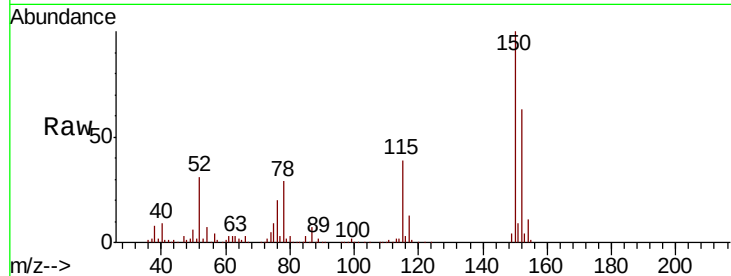


#72

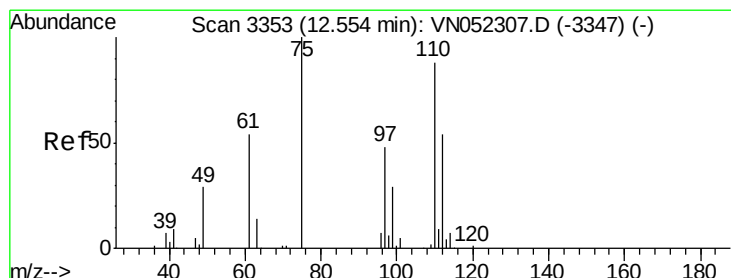
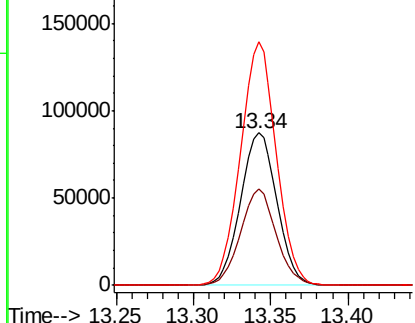
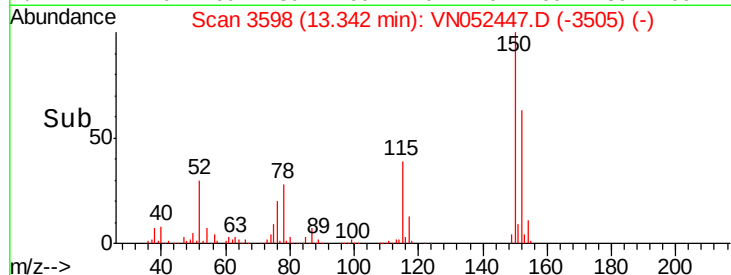
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052447.D
Acq: 21 Nov 2018 19:10

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	62.0	30.3	91.0
150	156.4	0.0	348.2



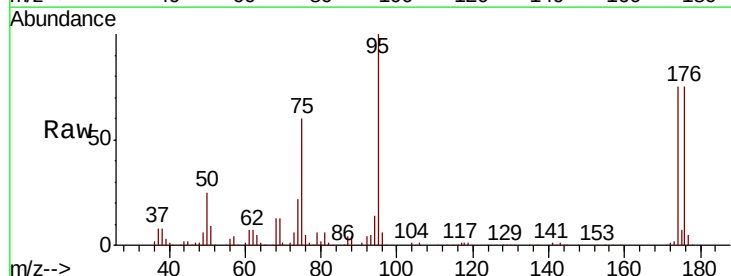
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



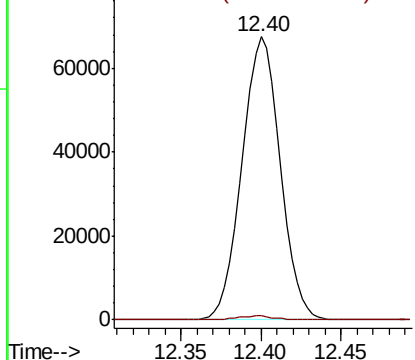
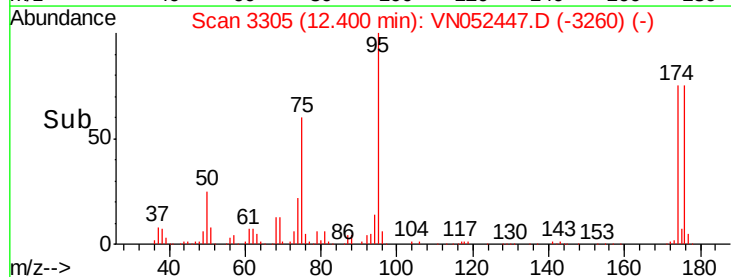
#76

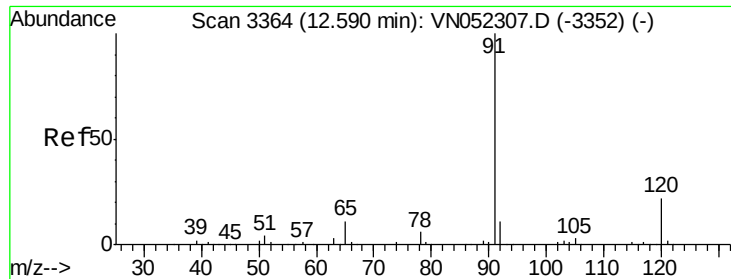
1,2,3-Trichloropropane
Concen: 45.242 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN052447.D
Acq: 21 Nov 2018 19:10

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 77.00 (76.70 to 77.70): V





#78

n-propylbenzene

Concen: 0.267 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN052447.D

Acq: 21 Nov 2018 19:10

Instrument :

MSVOA_N

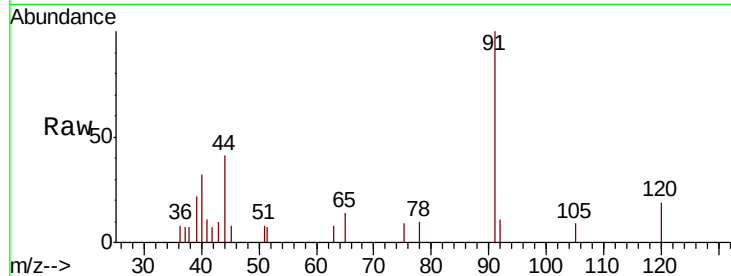
ClientSampled :

Tot Ion: 91 Resp: 3600

Ion Ratio Lower Upper

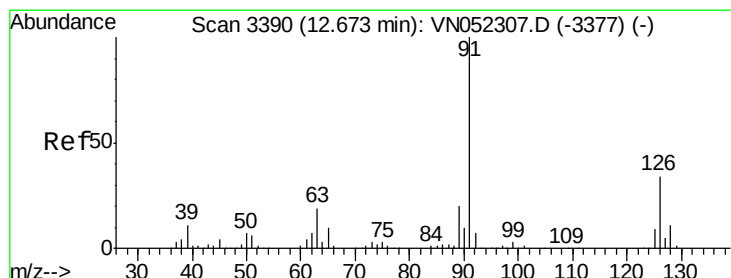
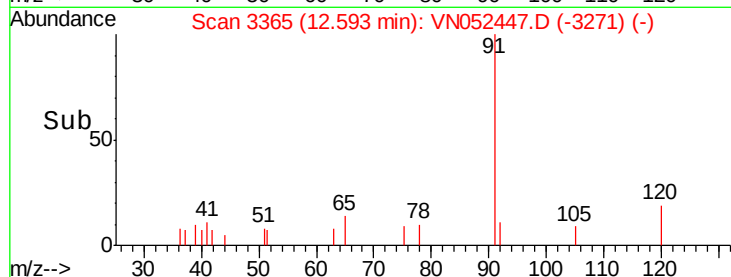
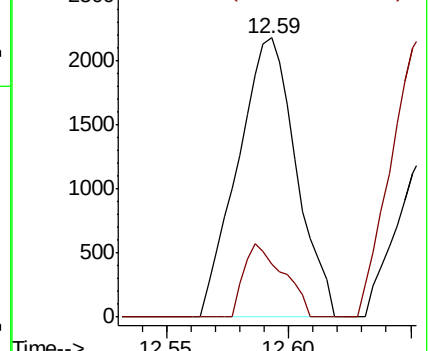
91 100

120 17.9 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.241 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN052447.D

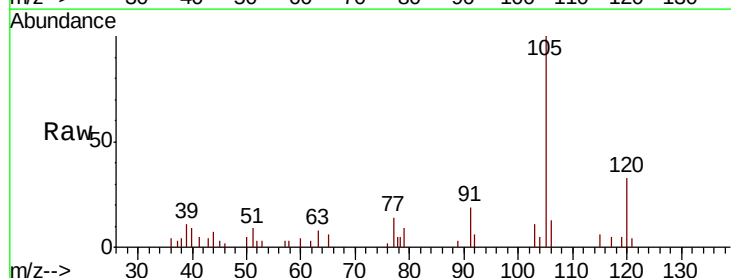
Acq: 21 Nov 2018 19:10

Tgt Ion: 91 Resp: 1894

Ion Ratio Lower Upper

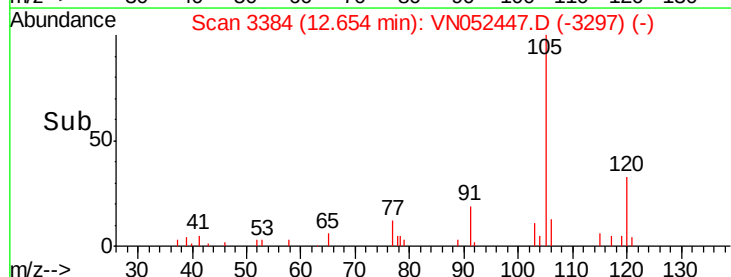
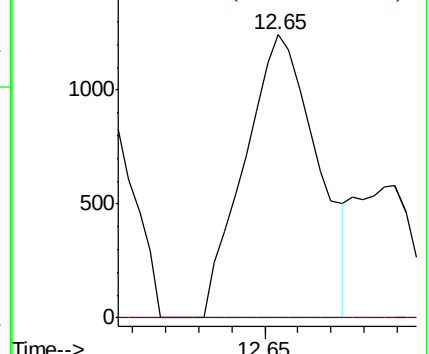
91 100

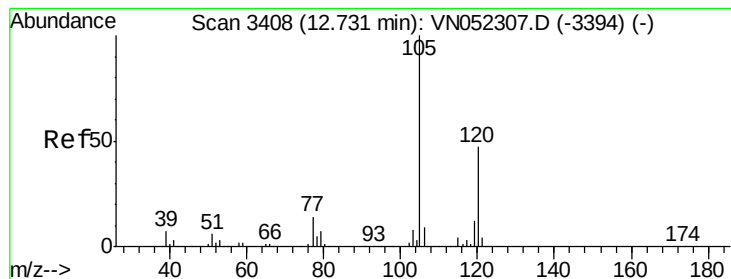
126 0.0 17.0 51.0#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 1.116 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN052447.D

Acq: 21 Nov 2018 19:10

Instrument :

MSVOA_N

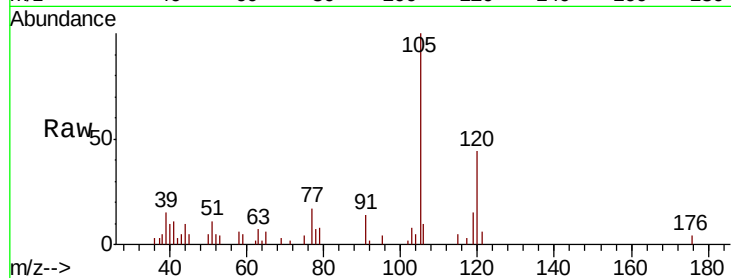
ClientSampled :

Tot Ion:105 Resp: 10225

Ion Ratio Lower Upper

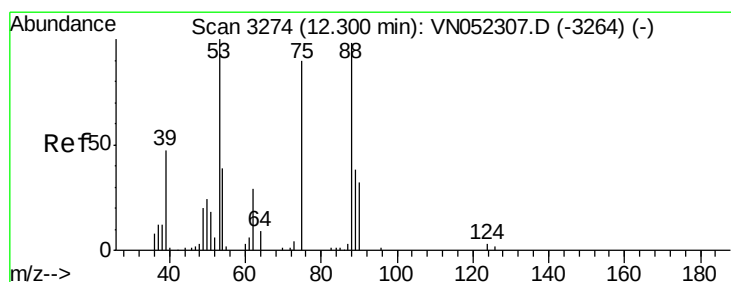
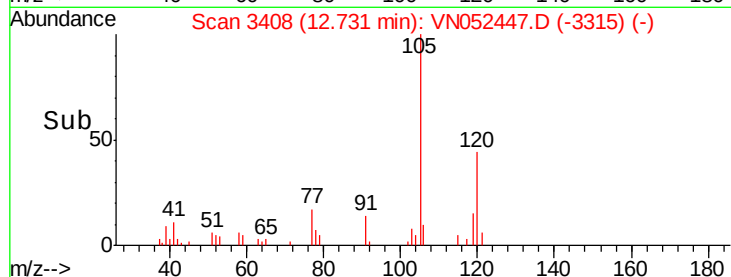
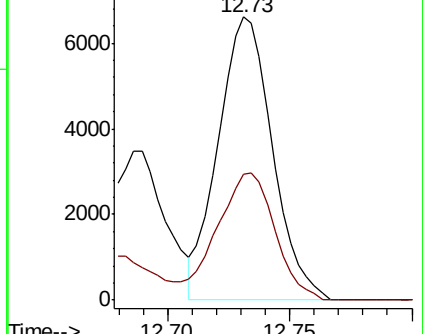
105 100

120 47.7 23.7 71.1



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: 146.737 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN052447.D

Acq: 21 Nov 2018 19:10

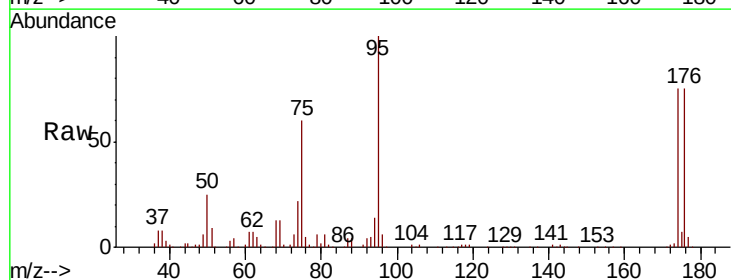
Tgt Ion: 75 Resp: 110004

Ion Ratio Lower Upper

75 100

53 0.0 90.2 135.2#

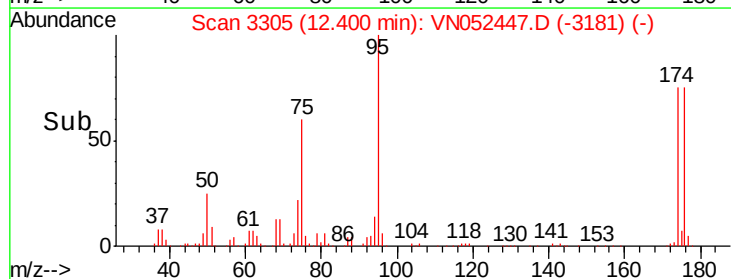
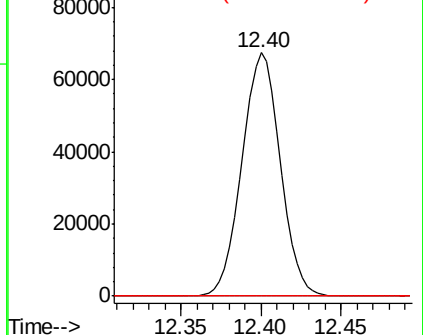
89 0.0 35.4 53.0#

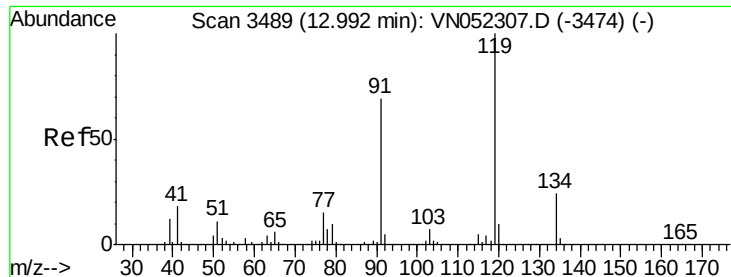


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

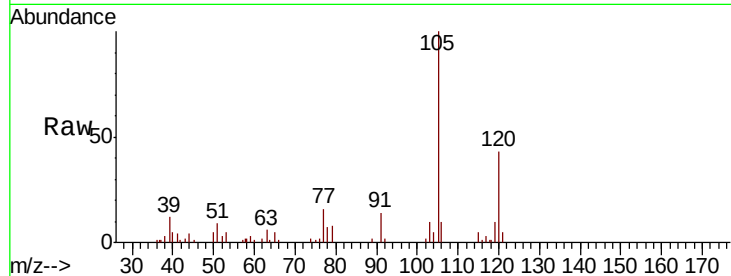




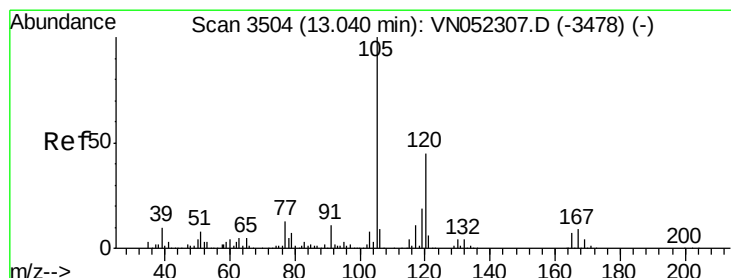
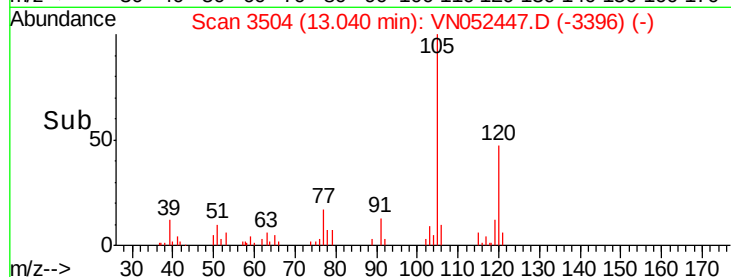
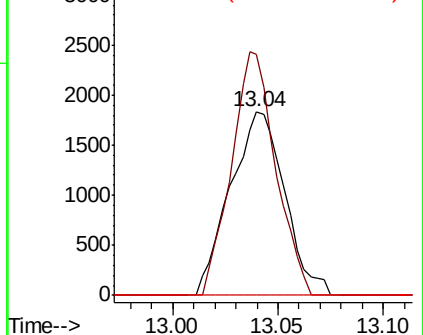
#83
 tert-Butylbenzene
 Concen: 0.406 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.05 min
 Lab File: VN052447.D
 Acq: 21 Nov 2018 19:10

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:119 Resp: 3288
 Ion Ratio Lower Upper
 119 100
 91 107.4 33.8 101.3#
 134 0.0 11.9 35.9#

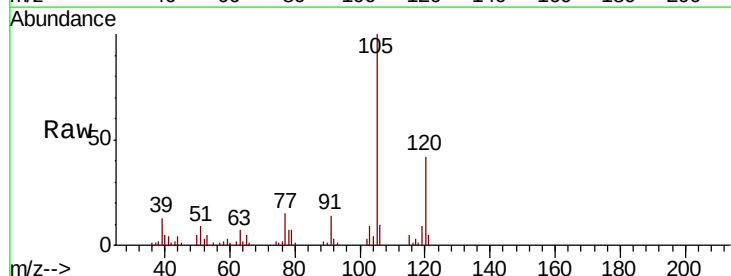


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VN
 Ion 134.00 (133.70 to 134.70): V

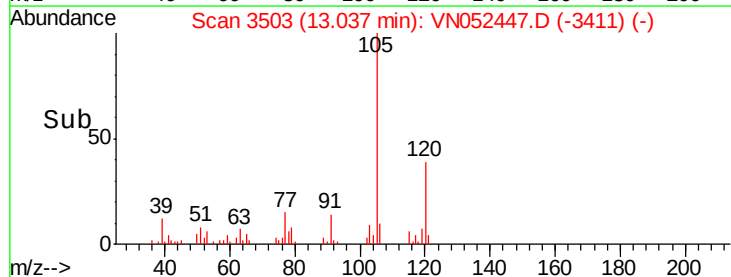
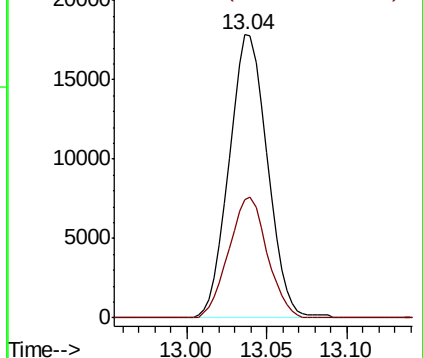


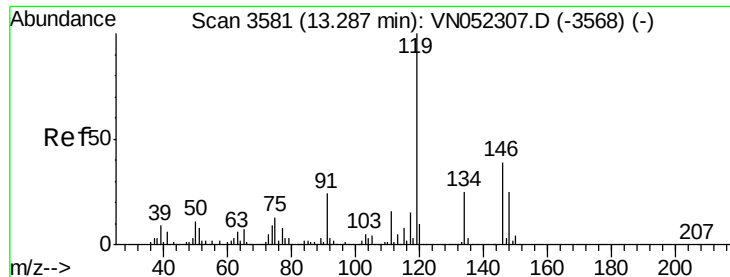
#84
 1,2,4-Trimethylbenzene
 Concen: 3.164 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN052447.D
 Acq: 21 Nov 2018 19:10

Tgt Ion:105 Resp: 29099
 Ion Ratio Lower Upper
 105 100
 120 42.8 22.5 67.5



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

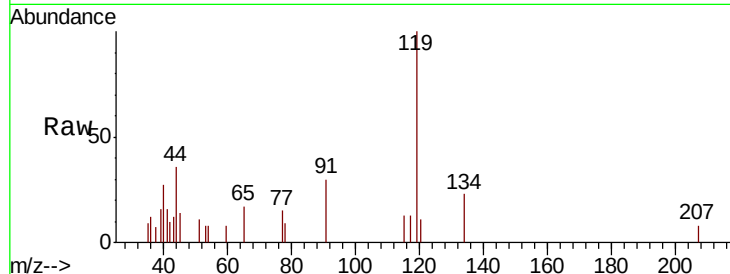




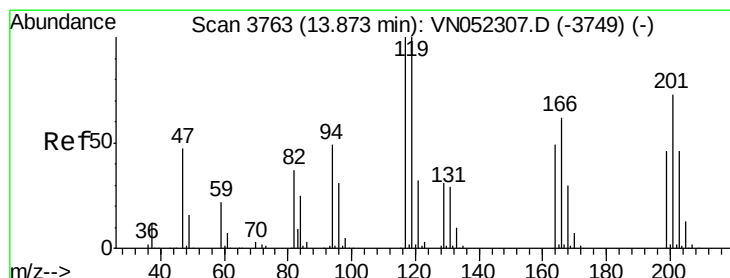
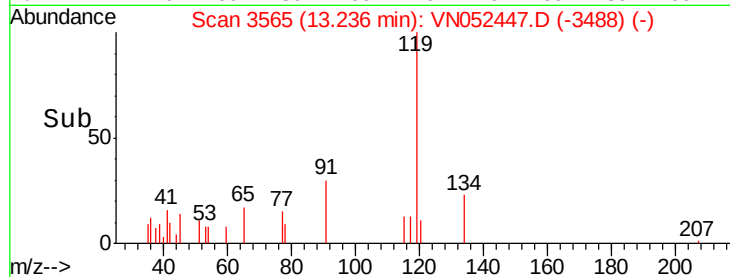
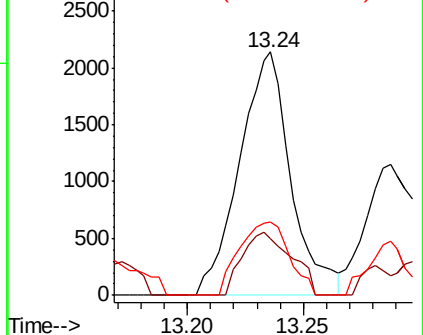
#86
 p-Isopropyltoluene
 Concen: 0.353 ug/l
 RT: 13.24 min Scan# 3565
 Delta R.T. -0.05 min
 Lab File: VN052447.D
 Acq: 21 Nov 2018 19:10

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:119 Resp: 3295
 Ion Ratio Lower Upper
 119 100
 134 24.7 13.0 38.9
 91 29.0 12.4 37.0

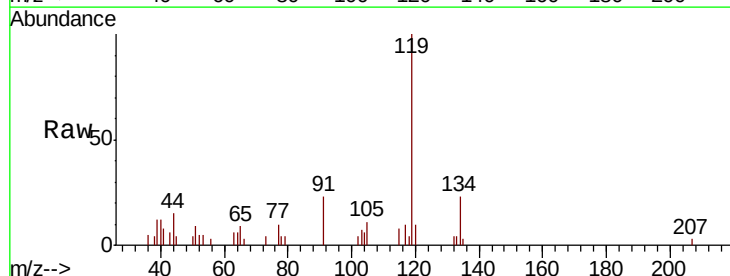


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

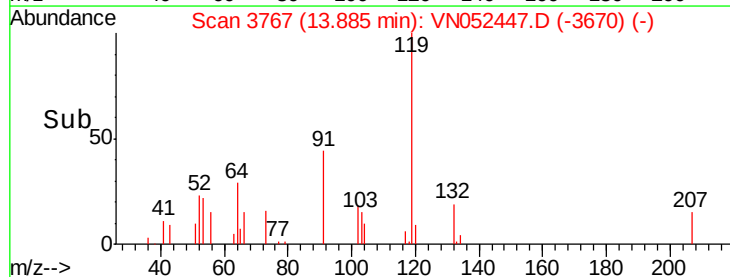
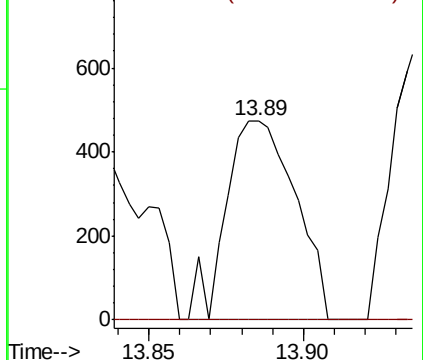


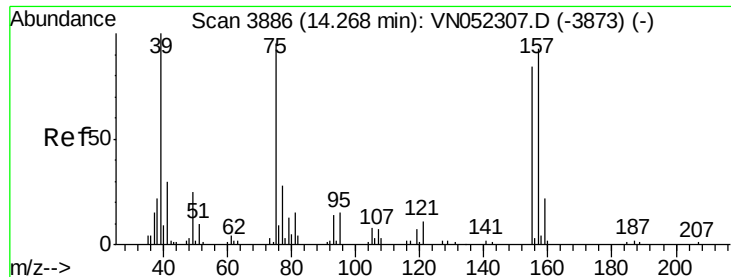
#90
 Hexachloroethane
 Concen: 0.452 ug/l
 RT: 13.89 min Scan# 3767
 Delta R.T. 0.01 min
 Lab File: VN052447.D
 Acq: 21 Nov 2018 19:10

Tgt Ion:117 Resp: 747
 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





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.321 ug/l

RT: 14.26 min Scan# 3882

Delta R.T. -0.01 min

Lab File: VN052447.D

Acq: 21 Nov 2018 19:10

Instrument :

MSVOA_N

ClientSampleId :

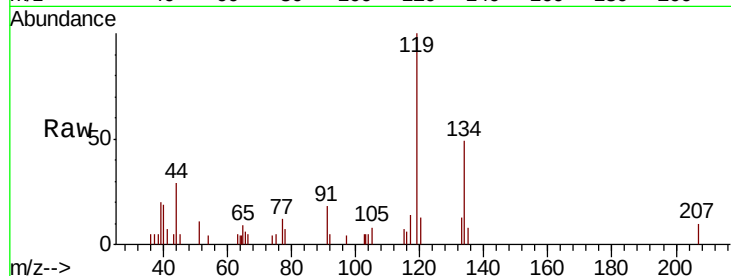
Tot Ion: 75 Resp: 132

Ion Ratio Lower Upper

75 100

155 0.0 42.4 127.3#

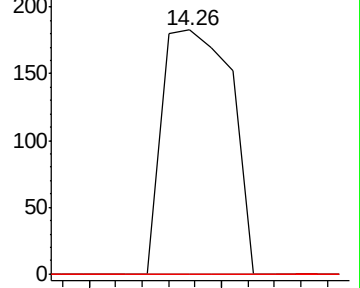
157 0.0 49.6 149.0#



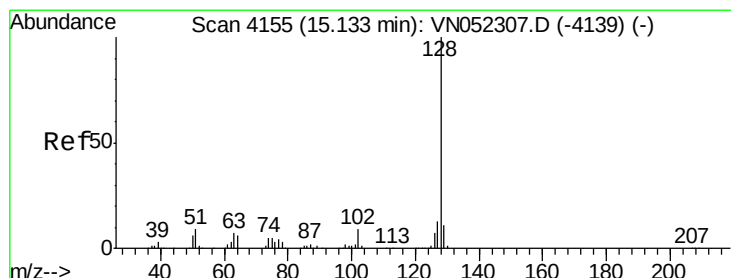
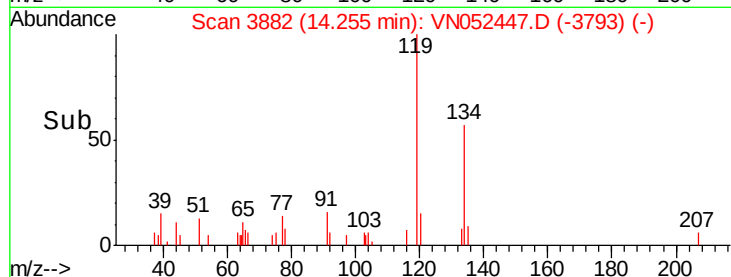
Abundance Ion 74.90 (74.60 to 75.60): VN052307.D (-3873) (-)

Ion 154.80 (154.50 to 155.50): VN052307.D (-3873) (-)

Ion 156.80 (156.50 to 157.50): VN052307.D (-3873) (-)



Time-->



#95

Naphthalene

Concen: 4.029 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052447.D

Acq: 21 Nov 2018 19:10

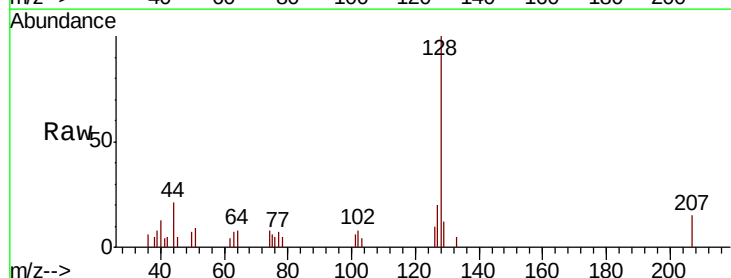
Tgt Ion: 128 Resp: 7624

Ion Ratio Lower Upper

128 100

127 17.6 10.4 15.6#

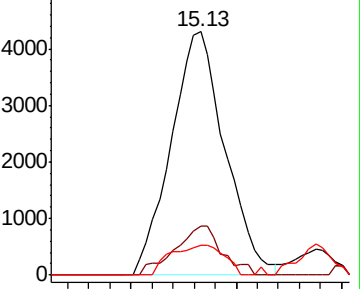
129 12.3 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): VN052307.D (-4139) (-)

Ion 127.00 (126.70 to 127.70): VN052307.D (-4139) (-)

Ion 129.00 (128.70 to 129.70): VN052307.D (-4139) (-)



Time-->

