

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111918\
 Data File : VN052395.D
 Acq On : 19 Nov 2018 19:47
 Operator : MD\SY
 Sample : J5975-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VB44949

Quant Time: Nov 20 07:14:37 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	291867	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	482778	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	401134	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	151036	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	212329	51.51	ug/l	0.00
Spiked Amount			Recovery	=	103.02%	
35) Dibromofluoromethane	7.59	113	160798	51.64	ug/l	0.00
Spiked Amount			Recovery	=	103.28%	
50) Toluene-d8	10.09	98	604923	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	
62) 4-Bromofluorobenzene	12.40	95	180330	44.75	ug/l	0.00
Spiked Amount			Recovery	=	89.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.61	56	30	21.854	ug/l #	14
16) Acetone	3.82	43	18145	15.987	ug/l	89
18) Methyl Acetate	4.32	43	176	0.487	ug/l	95
20) Methylene Chloride	4.56	84	185621	53.810	ug/l	97
25) 2-Butanone	6.85	43	3647	2.283	ug/l	91
29) Tetrahydrofuran	7.22	42	4973	4.738	ug/l #	89
30) Chloroform	7.37	83	1968	0.306	ug/l	98
31) Cyclohexane	7.67	56	9083	0.397	ug/l #	55
36) 1,1-Dichloropropene	7.67	75	27420	5.667	ug/l #	47
37) Ethyl Acetate	6.93	43	993	0.283	ug/l #	92
38) Carbon Tetrachloride	7.67	117	31698	7.130	ug/l #	15
41) Methacrylonitrile	7.22	41	3160	5.196	ug/l #	100
43) Isopropyl Acetate	8.17	43	15519	2.290	ug/l #	89
48) Methyl methacrylate	9.18	41	5810	1.690	ug/l #	16
51) 4-Methyl-2-Pentanone	9.99	43	2869	0.841	ug/l	100
52) Toluene	10.16	92	49275	5.959	ug/l	97
54) cis-1,3-Dichloropropene	9.90	75	22739	4.244	ug/l #	73
57) 1,3-Dichloropropane	10.76	76	2533	0.477	ug/l #	43
59) 2-Hexanone	10.76	43	45098	19.221	ug/l #	56
67) Ethyl Benzene	11.51	91	28389	1.929	ug/l	98
68) m/p-Xylenes	11.62	106	45407	8.445	ug/l	95
69) o-Xylene	11.95	106	44318	8.598	ug/l	96
70) Styrene	11.95	104	3477	0.421	ug/l #	1
71) Bromoform	12.40	173	819	0.480	ug/l #	1
73) Isopropylbenzene	12.25	105	9666	0.796	ug/l	90
76) 1,2,3-Trichloropropane	12.40	75	105180	41.041	ug/l #	100
78) n-propylbenzene	12.59	91	31702	2.232	ug/l	99
79) 2-Chlorotoluene	12.69	91	7986	0.963	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.73	105	87195	9.029	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	105180	133.112	ug/l #	6
82) 4-Chlorotoluene	12.73	91	10564	1.243	ug/l #	41
83) tert-Butylbenzene	12.99	119	4852	0.569	ug/l	90
84) 1,2,4-Trimethylbenzene	13.04	105	283578	29.252	ug/l	98
85) sec-Butylbenzene	13.17	105	13914	1.198	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111918\
Data File : VN052395.D
Acq On : 19 Nov 2018 19:47
Operator : MD\SY
Sample : J5975-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 21 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VB44949

Quant Time: Nov 20 07:14:37 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

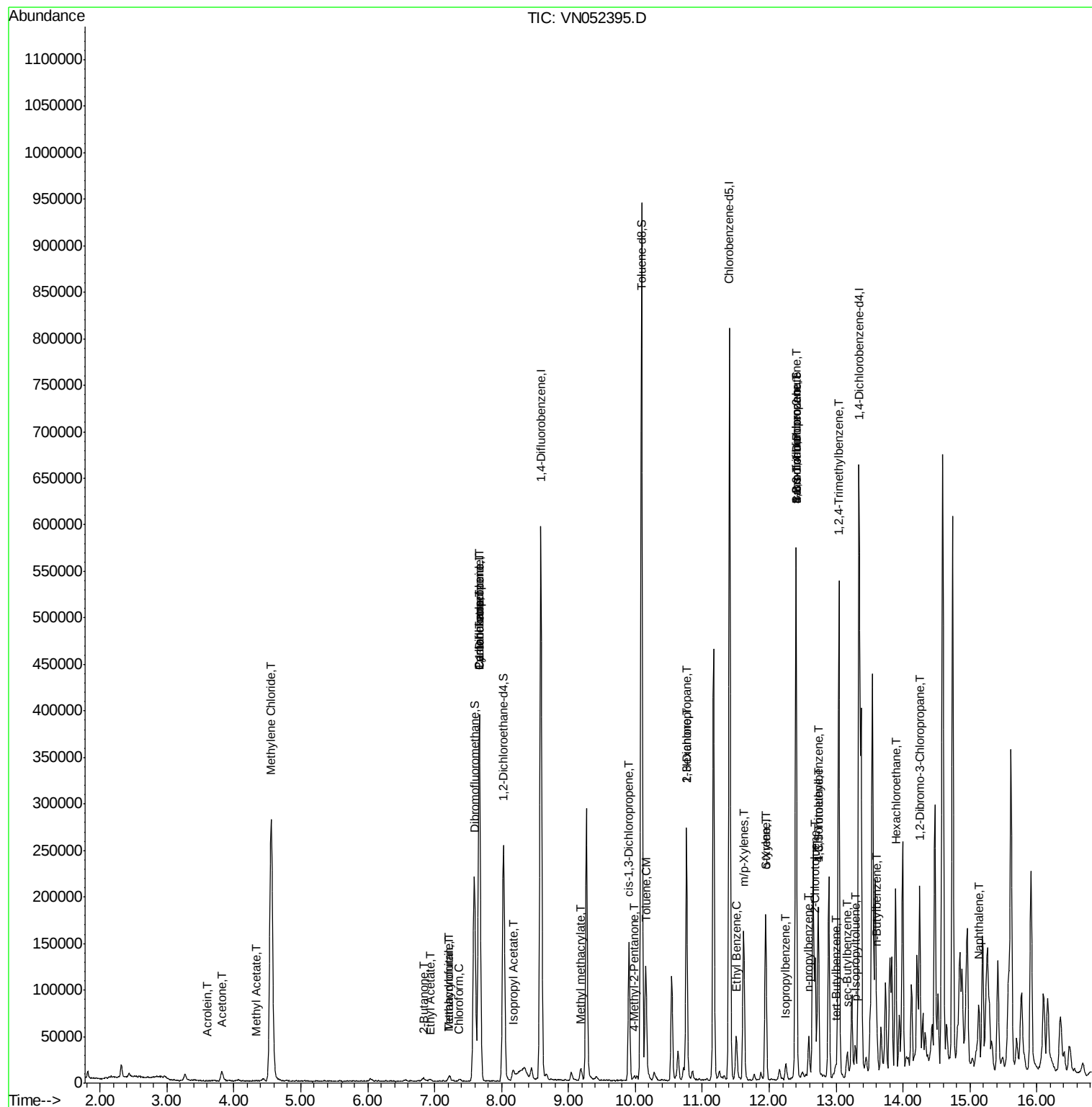
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.29	119	13545	1.377	ug/l	98
89) n-Butylbenzene	13.61	91	11755	1.391	ug/l #	51
90) Hexachloroethane	13.89	117	9600	5.510	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.25	75	939	2.169	ug/l #	3
95) Naphthalene	15.13	128	45518	10.675	ug/l	96

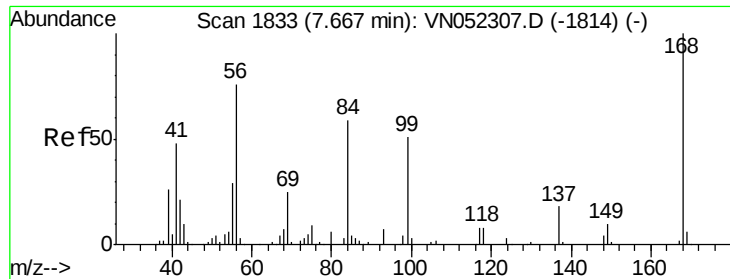
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111918\
Data File : VN052395.D
Acq On : 19 Nov 2018 19:47
Operator : MD\SY
Sample : J5975-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 21 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VB44949

Quant Time: Nov 20 07:14:37 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 15 03:02:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN052395.D

Acq: 19 Nov 2018 19:47

Instrument :

MSVOA_N

ClientSampleId :

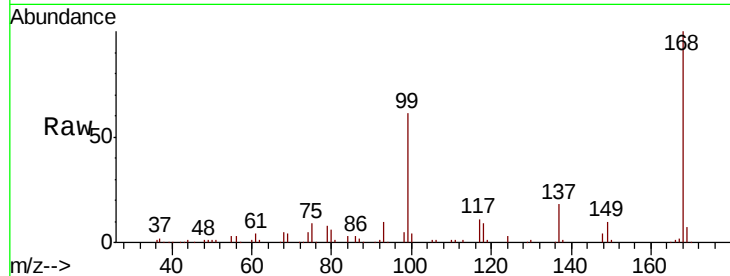
VB44949

Tot Ion:168 Resp: 291867

Ion Ratio Lower Upper

168 100

99 60.6 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VN052307.D (-1814) (-)

Ion 98.90 (98.60 to 99.60): VN052307.D (-1814) (-)

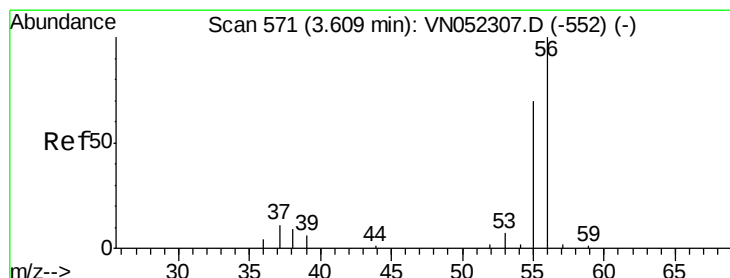
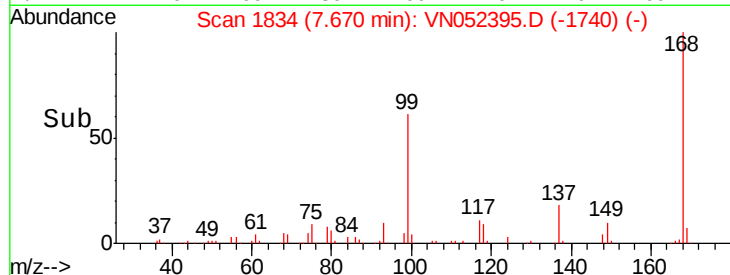
7.67

100000

50000

0

Time-->



#13

Acrolein

Concen: 21.854 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN052395.D

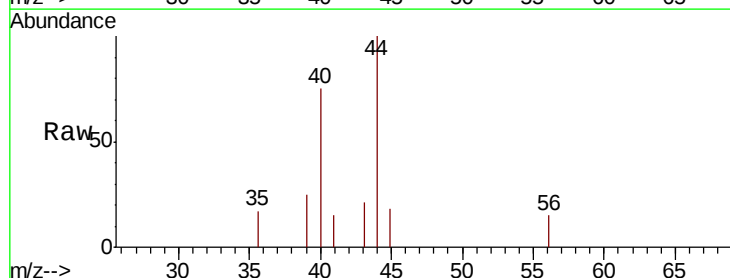
Acq: 19 Nov 2018 19:47

Tgt Ion: 56 Resp: 30

Ion Ratio Lower Upper

56 100

55 0.0 57.6 86.4#



Abundance Ion 56.00 (55.70 to 56.70): VN052307.D (-552) (-)

Ion 55.00 (54.70 to 55.70): VN052307.D (-552) (-)

3.61

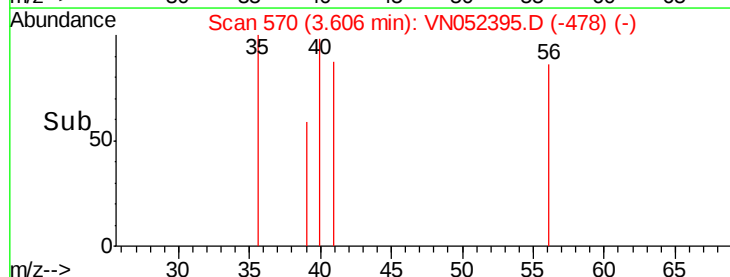
150

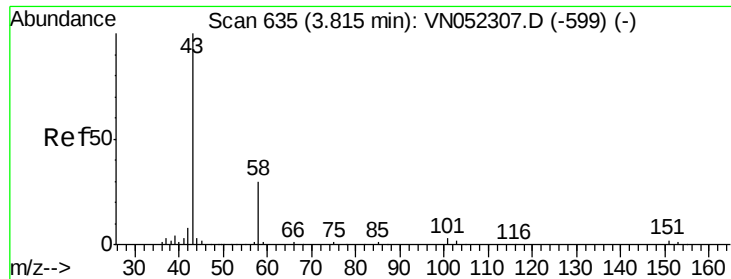
100

50

0

Time-->





#16

Acetone

Concen: 15.987 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052395.D

Acq: 19 Nov 2018 19:47

Instrument :

MSVOA_N

ClientSampleId :

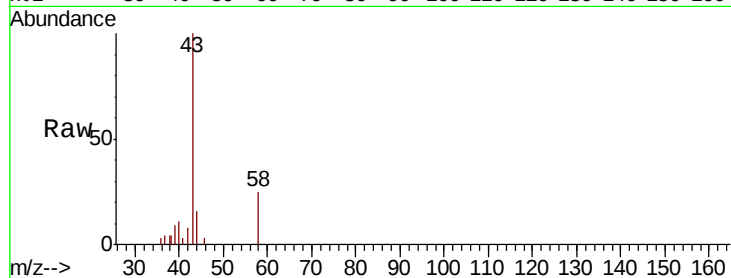
VB44949

Tot Ion: 43 Resp: 18145

Ion Ratio Lower Upper

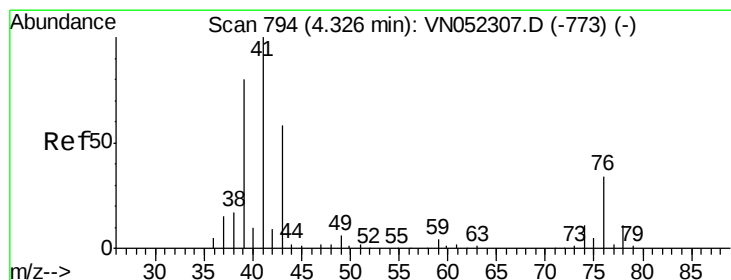
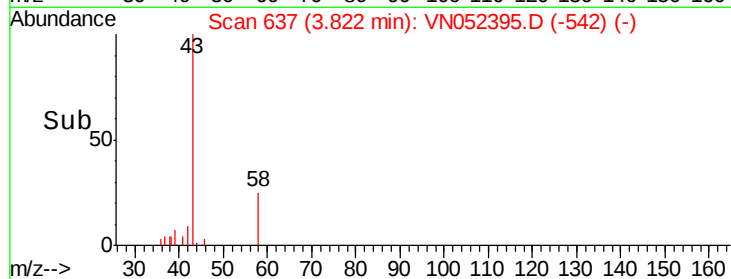
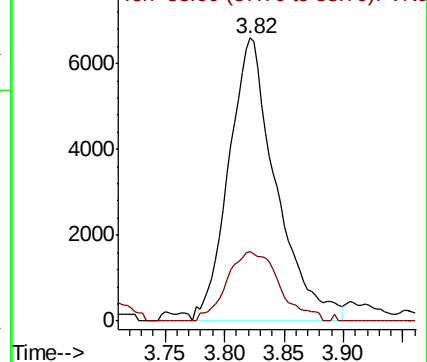
43 100

58 24.5 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: 0.487 ug/l

RT: 4.32 min Scan# 791

Delta R.T. -0.01 min

Lab File: VN052395.D

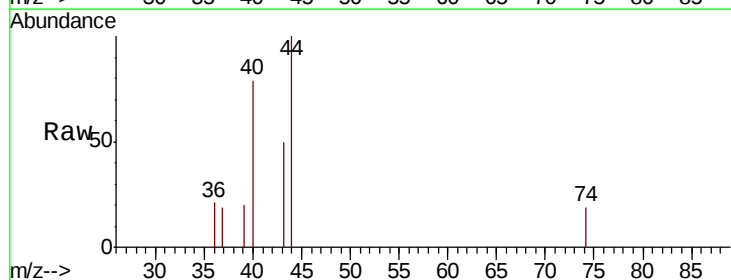
Acq: 19 Nov 2018 19:47

Tgt Ion: 43 Resp: 176

Ion Ratio Lower Upper

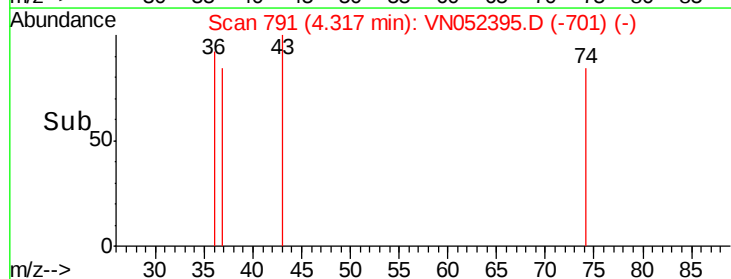
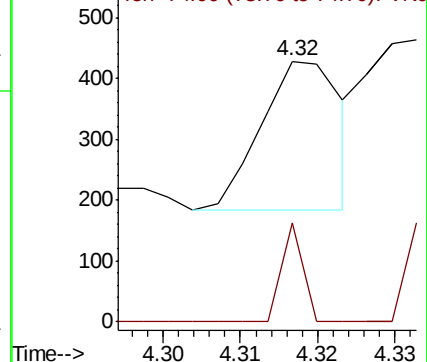
43 100

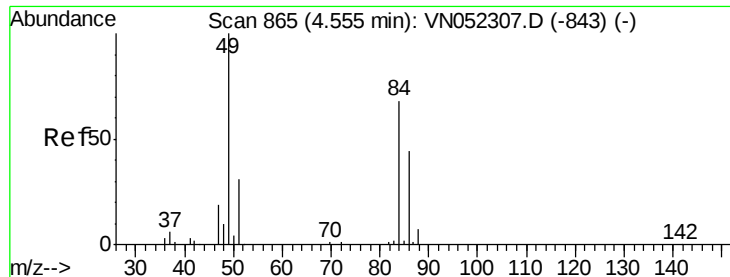
74 17.6 15.9 23.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

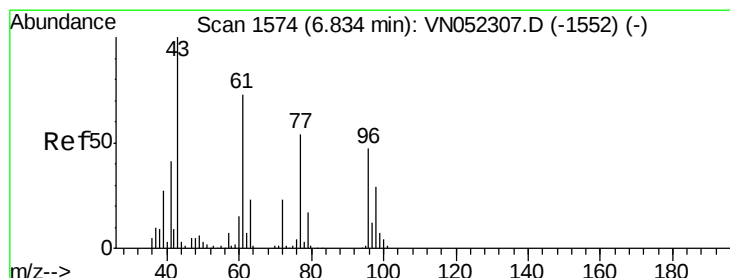
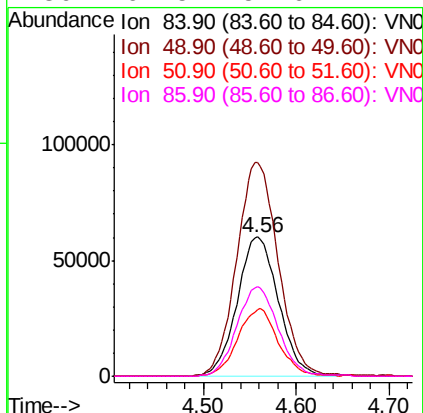
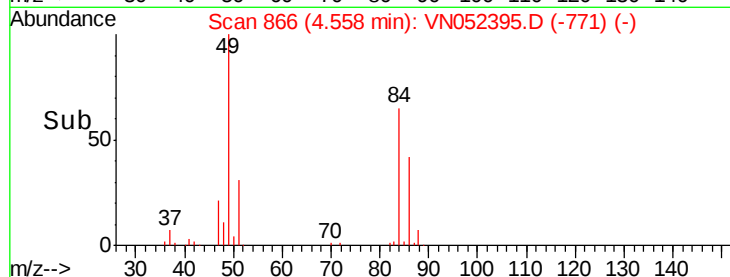
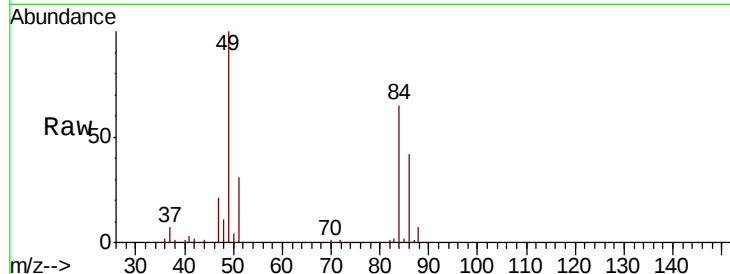




#20
Methvlene Chloride
Concen: 53.810 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052395.D
Acq: 19 Nov 2018 19:47

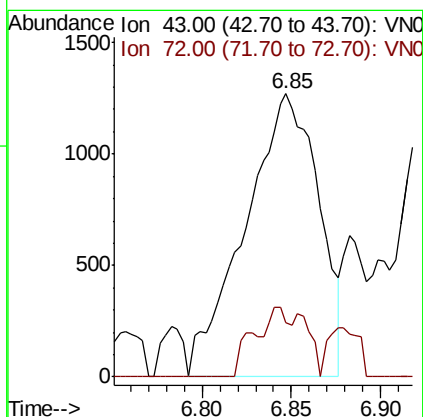
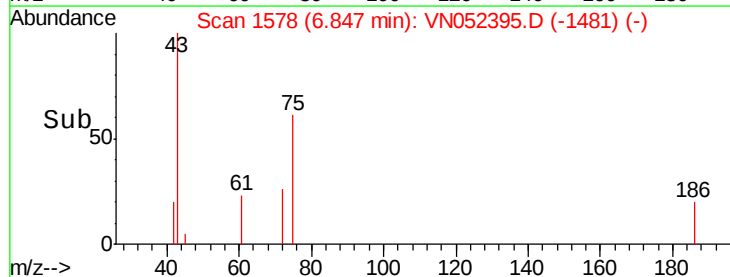
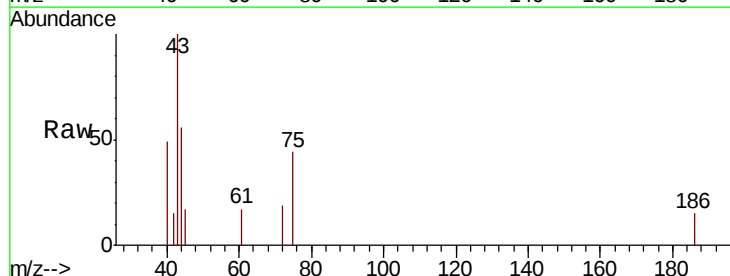
Instrument :
MSVOA_N
ClientSampled :
VB44949

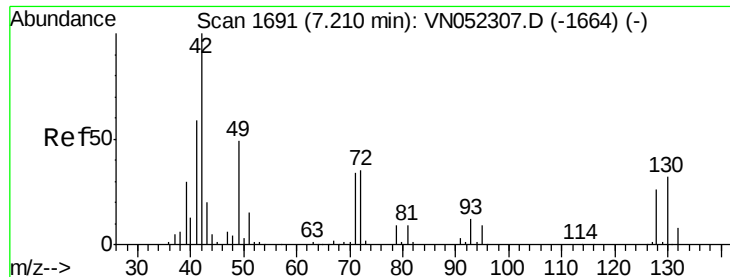
Tot Ion:	84	Resp:	185621
Ion	Ratio	Lower	Upper
84	100		
49	153.3	118.2	177.2
51	48.2	36.1	54.1
86	64.5	51.6	77.4



#25
2-Butanone
Concen: 2.283 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN052395.D
Acq: 19 Nov 2018 19:47

Tgt Ion:	43	Resp:	3647
Ion	Ratio	Lower	Upper
43	100		
72	19.0	18.6	27.8





#29

Tetrahydrofuran

Concen: 4.738 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VN052395.D

Acq: 19 Nov 2018 19:47

Instrument :

MSVOA_N

ClientSampleId :

VB44949

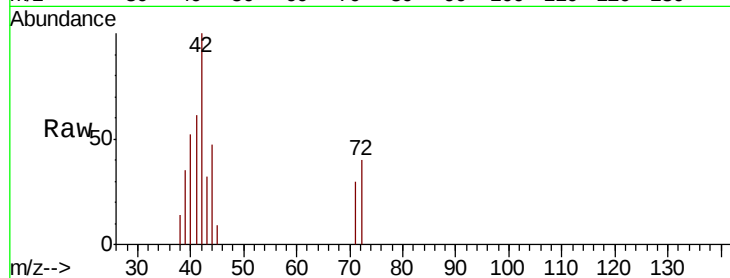
Tot Ion: 42 Resp: 4973

Ion Ratio Lower Upper

42 100

72 38.2 28.6 42.8

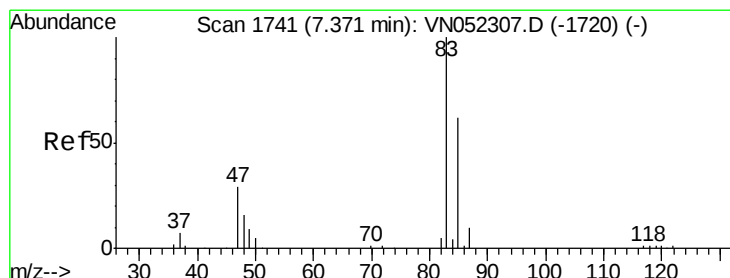
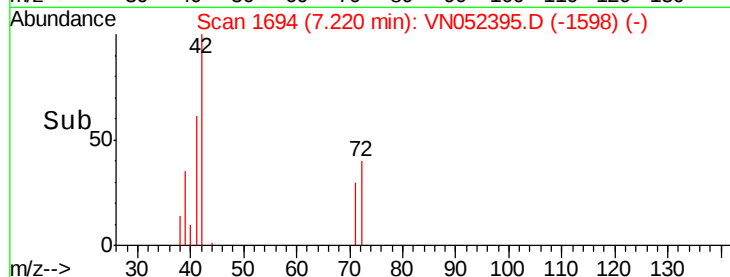
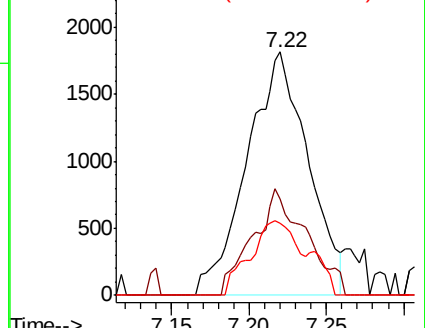
71 23.3 26.7 40.1#



Abundance Ion 42.00 (41.70 to 42.70): VN052307.D (-1664) (-)

Ion 72.00 (71.70 to 72.70): VN052307.D (-1664) (-)

Ion 71.00 (70.70 to 71.70): VN052307.D (-1664) (-)



#30

Chloroform

Concen: 0.306 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN052395.D

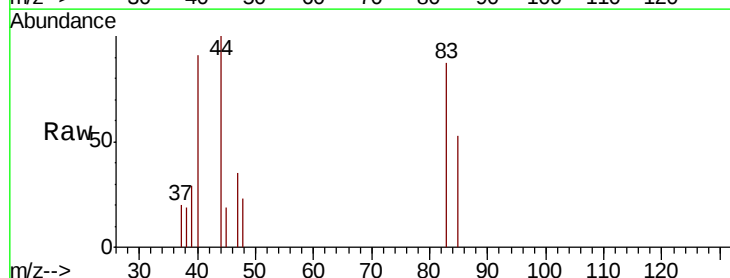
Acq: 19 Nov 2018 19:47

Tgt Ion: 83 Resp: 1968

Ion Ratio Lower Upper

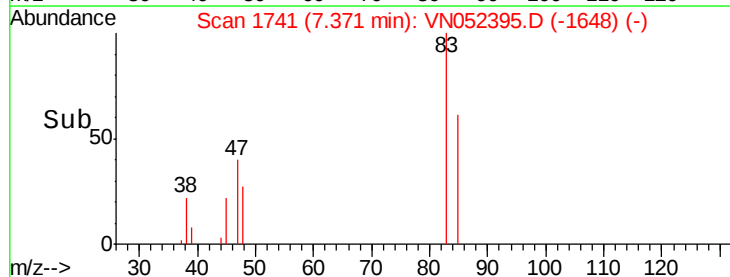
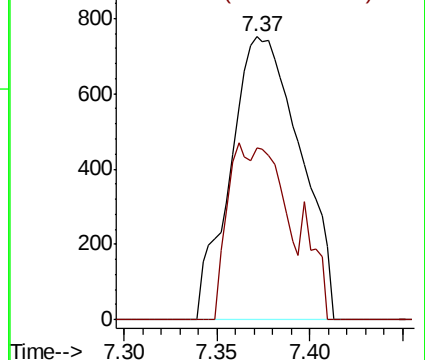
83 100

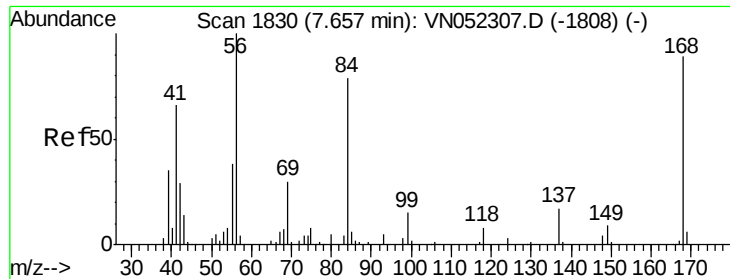
85 60.6 49.4 74.2



Abundance Ion 82.90 (82.60 to 83.60): VN052307.D (-1720) (-)

Ion 84.90 (84.60 to 85.60): VN052307.D (-1720) (-)

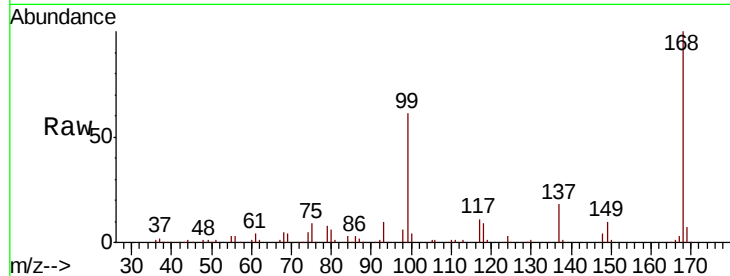




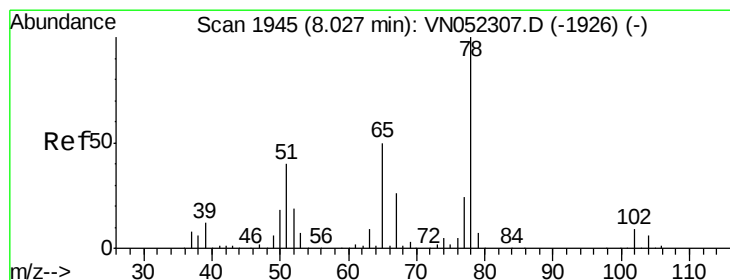
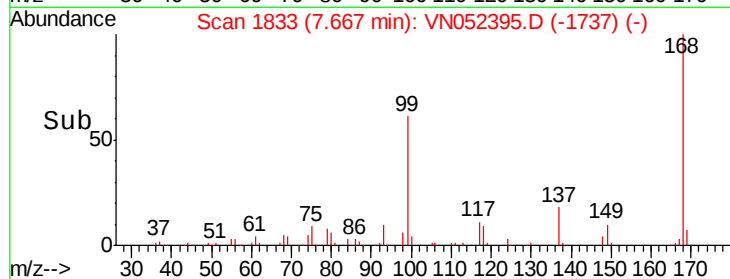
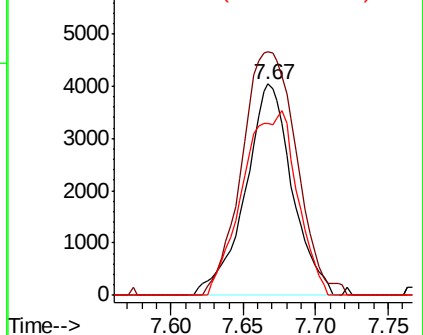
#31
Cyclohexane
Concen: 0.397 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN052395.D
Acq: 19 Nov 2018 19:47

Instrument :
MSVOA_N
ClientSampleId :
VB44949

Tot Ion: 56 Resp: 9083
Ion Ratio Lower Upper
56 100
69 115.1 23.8 35.8#
84 81.1 63.0 94.6

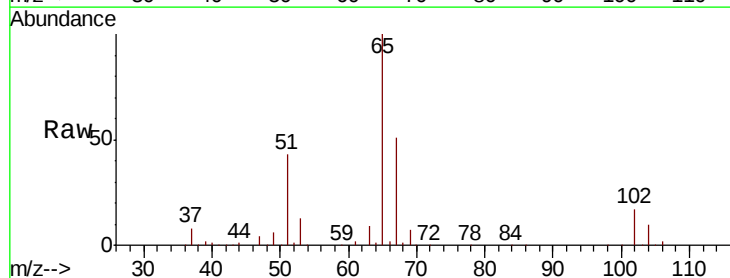


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

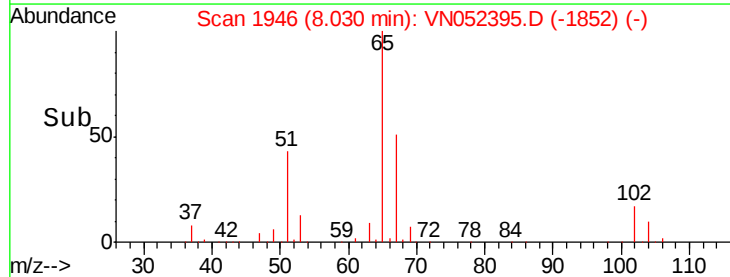
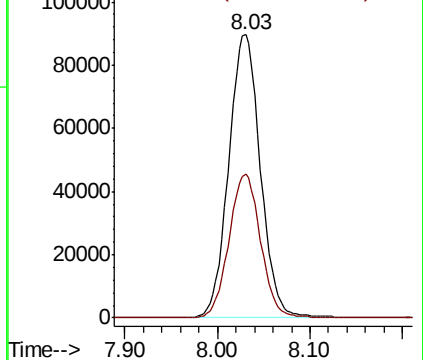


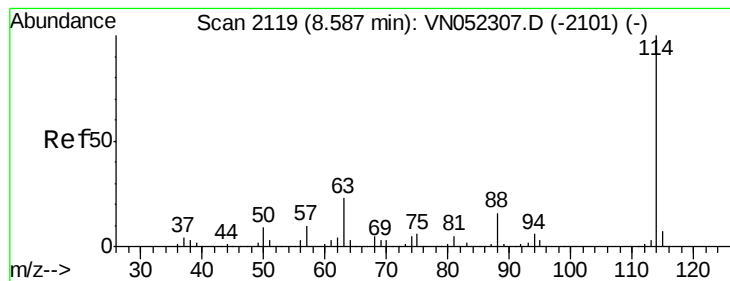
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052395.D
Acq: 19 Nov 2018 19:47

Tgt Ion: 65 Resp: 212329
Ion Ratio Lower Upper
65 100
67 50.7 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: VN052395.D

Acq: 19 Nov 2018 19:47

Instrument :

MSVOA_N

ClientSampleId :

VB44949

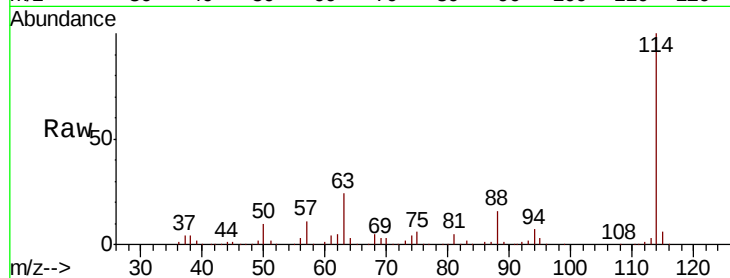
Tot Ion:114 Resp: 482778

Ion Ratio Lower Upper

114 100

63 23.6 0.0 45.4

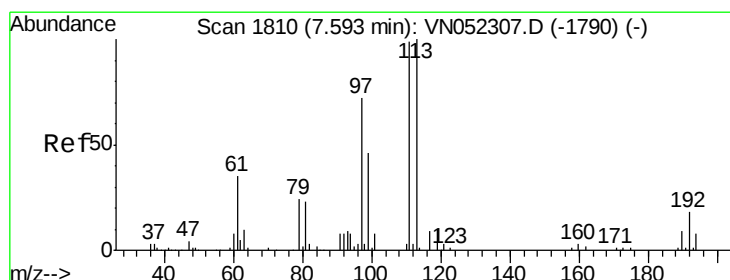
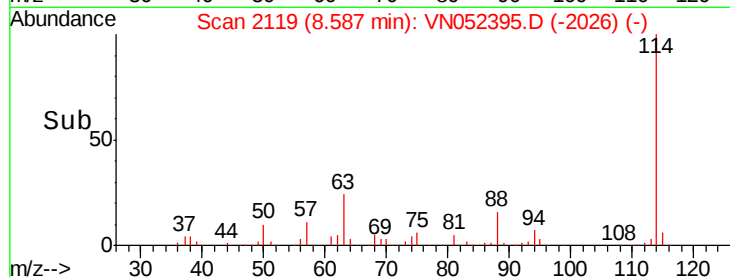
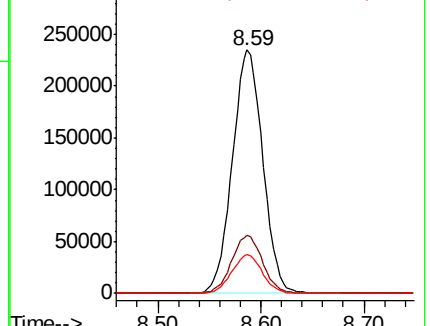
88 15.8 0.0 31.2



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: VN052395.D

Acq: 19 Nov 2018 19:47

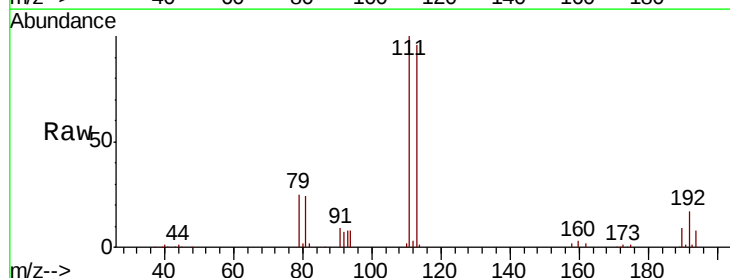
Tgt Ion:113 Resp: 160798

Ion Ratio Lower Upper

113 100

111 103.5 81.0 121.6

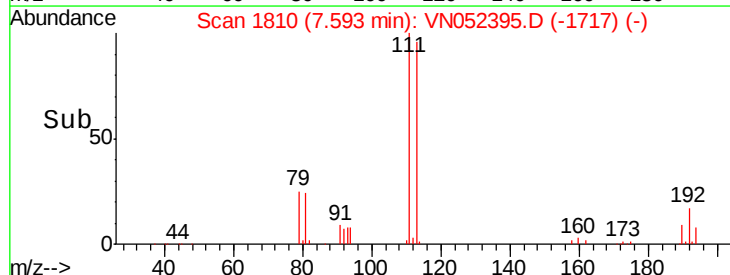
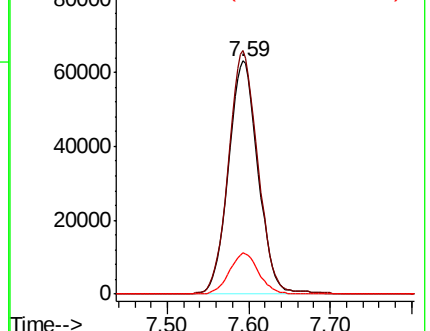
192 17.3 13.8 20.6

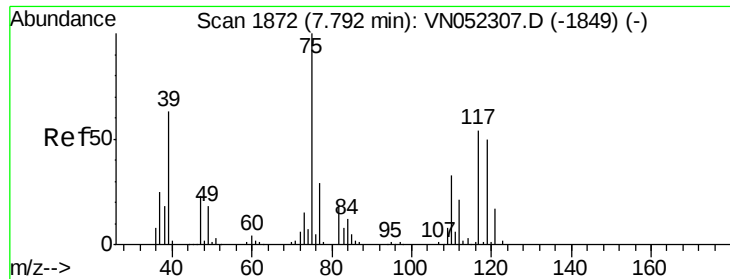


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

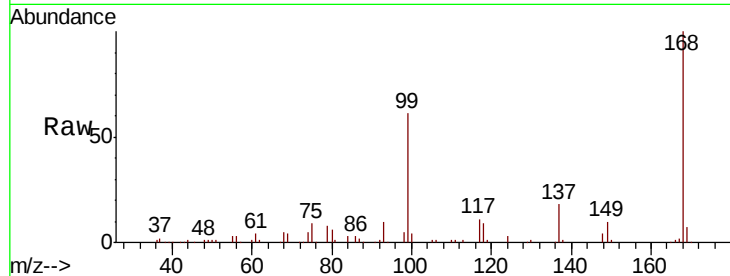




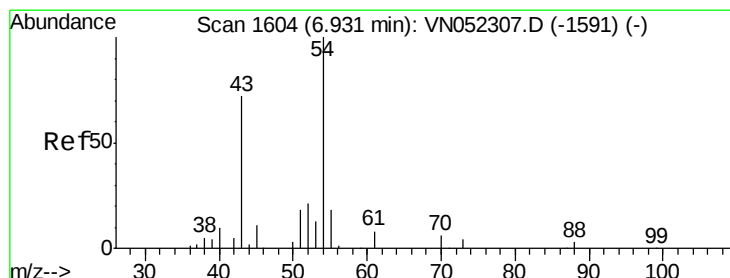
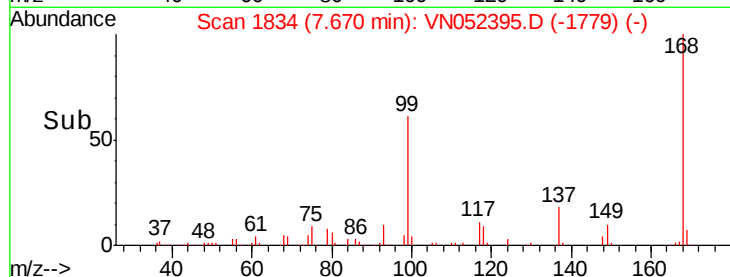
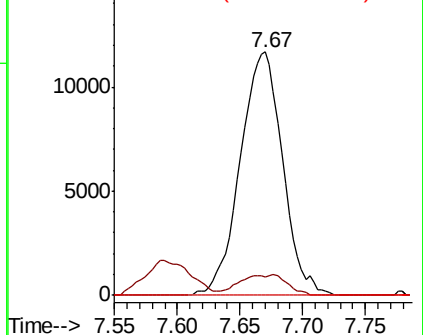
#36
 1,1-Dichloropropene
 Concen: 5.667 ug/l
 RT: 7.67 min Scan# 1834
 Delta R.T. -0.12 min
 Lab File: VN052395.D
 Acq: 19 Nov 2018 19:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VB44949

Tot Ion: 75 Resp: 27420
 Ion Ratio Lower Upper
 75 100
 110 3.9 16.5 49.5#
 77 0.0 24.2 36.2#

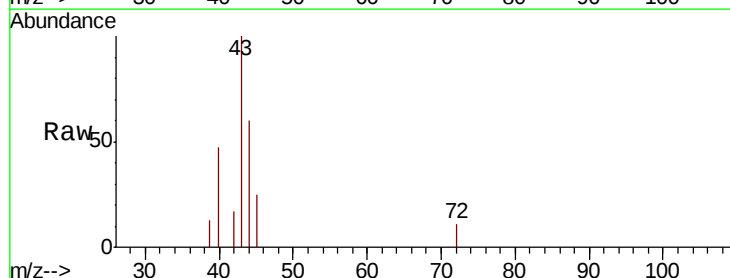


Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 109.90 (109.60 to 110.60): VNO
 Ion 76.90 (76.60 to 77.60): VNO

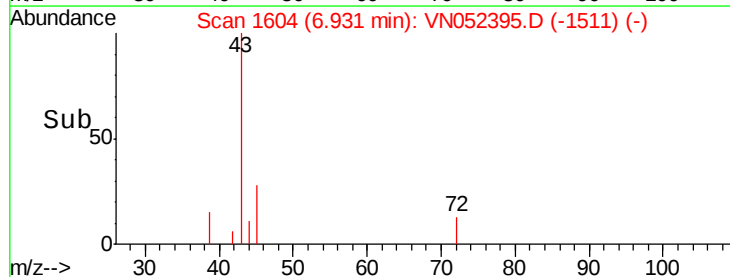
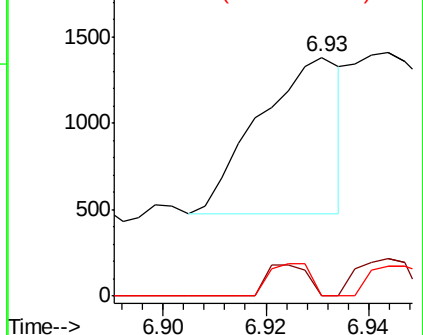


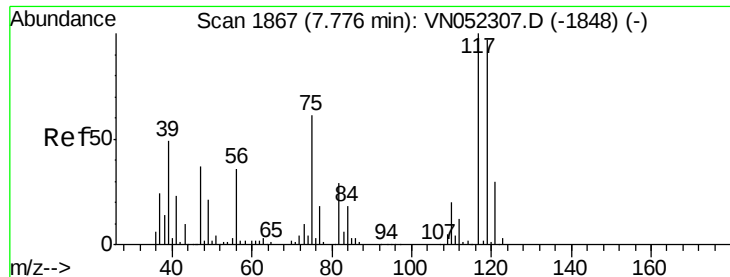
#37
 Ethyl Acetate
 Concen: 0.283 ug/l
 RT: 6.93 min Scan# 1604
 Delta R.T. 0.00 min
 Lab File: VN052395.D
 Acq: 19 Nov 2018 19:47

Tgt Ion: 43 Resp: 993
 Ion Ratio Lower Upper
 43 100
 61 10.0 10.3 15.5#
 70 10.4 5.6 8.4#



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 60.90 (60.60 to 61.60): VNO
 Ion 70.00 (69.70 to 70.70): VNO





#38

Carbon Tetrachloride

Concen: 7.130 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN052395.D

Acq: 19 Nov 2018 19:47

Instrument :

MSVOA_N

ClientSampleId :

VB44949

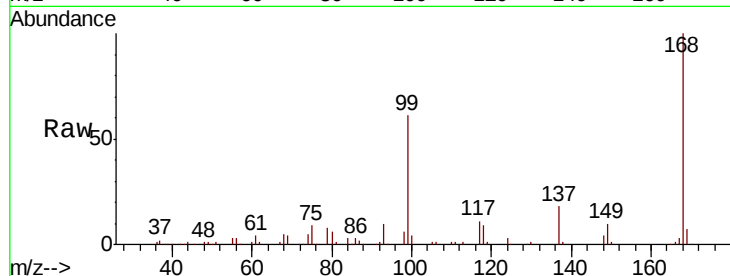
Tot Ion:117 Resp: 31698

Ion Ratio Lower Upper

117 100

119 4.6 77.4 116.0#

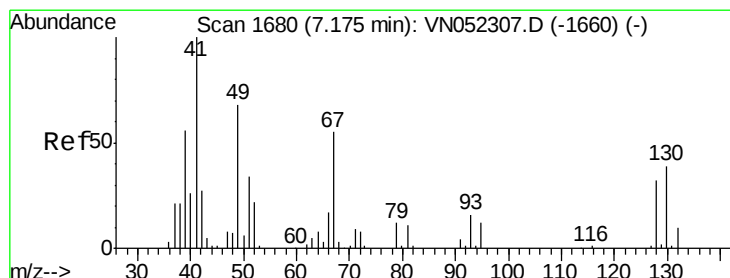
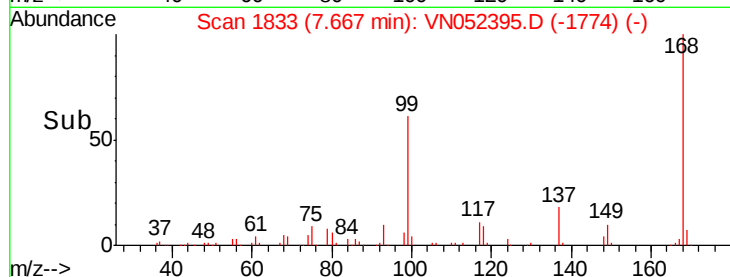
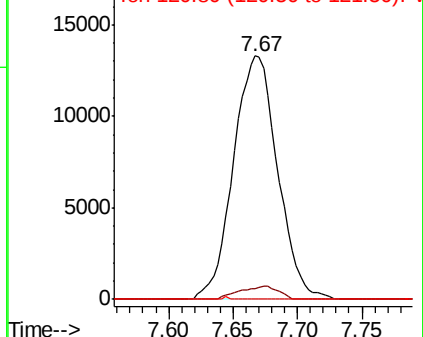
121 0.0 24.0 36.0#



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: 5.196 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.05 min

Lab File: VN052395.D

Acq: 19 Nov 2018 19:47

Tgt Ion: 41 Resp: 3160

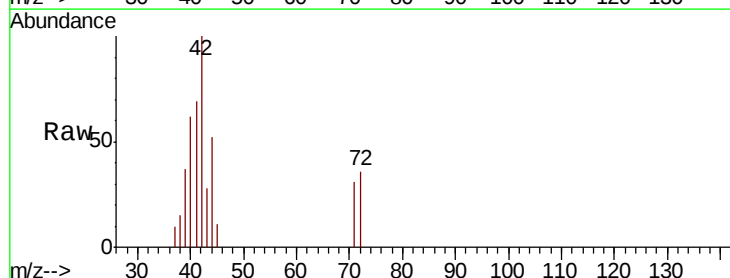
Ion Ratio Lower Upper

41 100

39 38.6 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

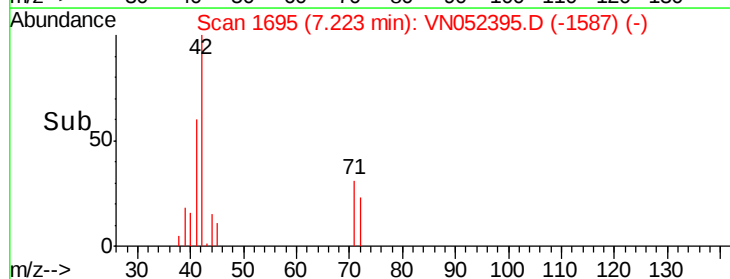
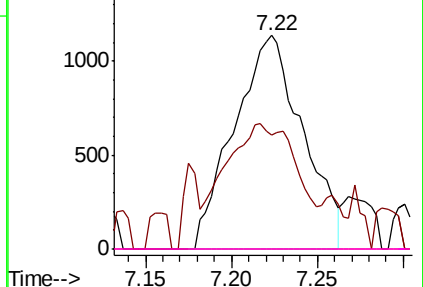


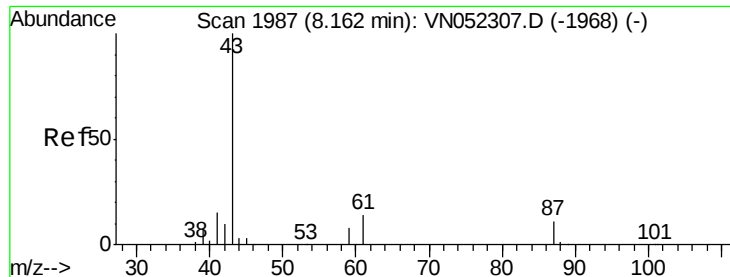
Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC





#43

Isopropyl Acetate

Concen: 2.290 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052395.D

Acq: 19 Nov 2018 19:47

Instrument :

MSVOA_N

ClientSampleId :

VB44949

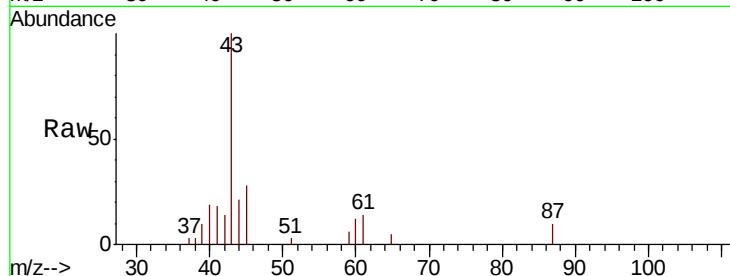
Tot Ion: 43 Resp: 15519

Ion Ratio Lower Upper

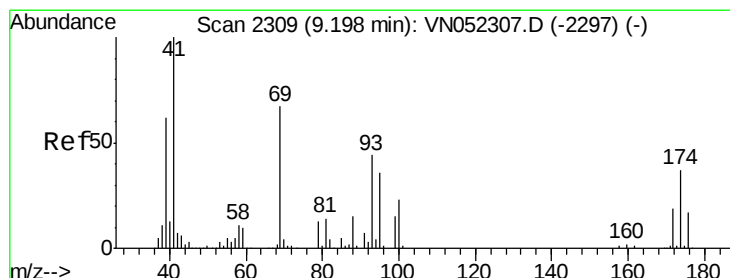
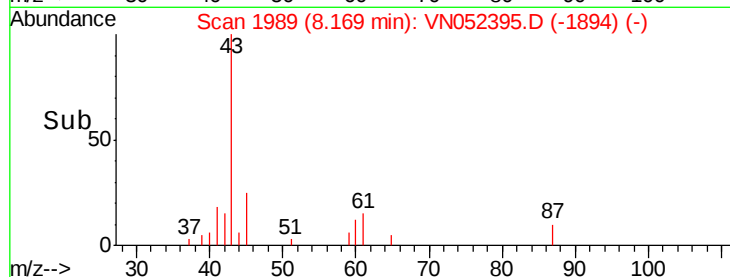
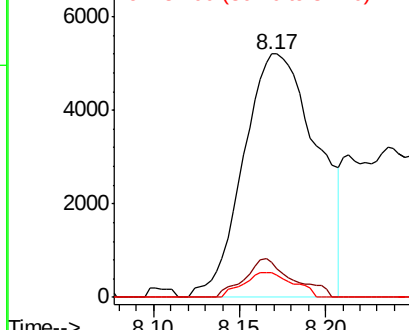
43 100

61 10.3 12.0 18.0#

87 6.8 8.3 12.5#



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



#48

Methyl methacrylate

Concen: 1.690 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.01 min

Lab File: VN052395.D

Acq: 19 Nov 2018 19:47

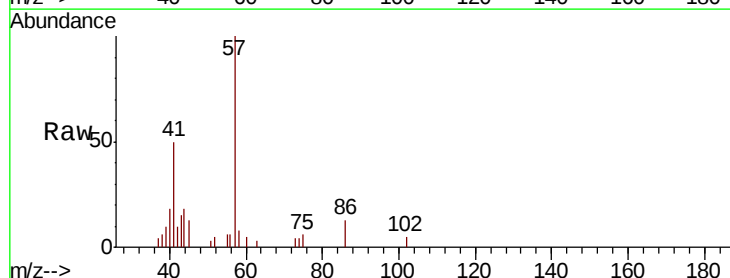
Tgt Ion: 41 Resp: 5810

Ion Ratio Lower Upper

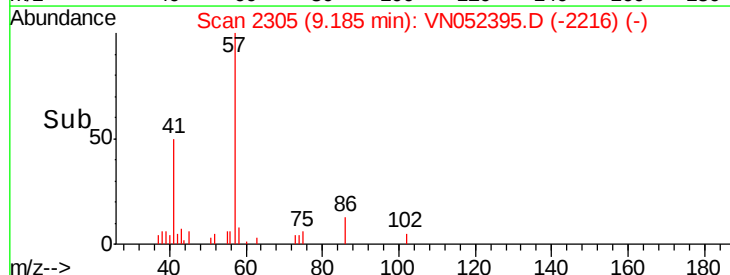
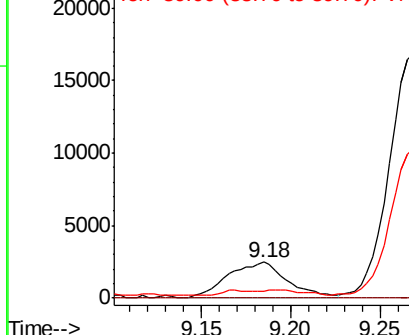
41 100

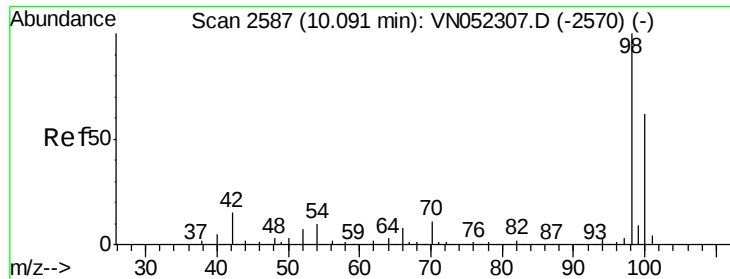
69 0.0 57.1 85.7#

39 0.0 52.5 78.7#



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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052395.D

Acq: 19 Nov 2018 19:47

Instrument :

MSVOA_N

ClientSampleId :

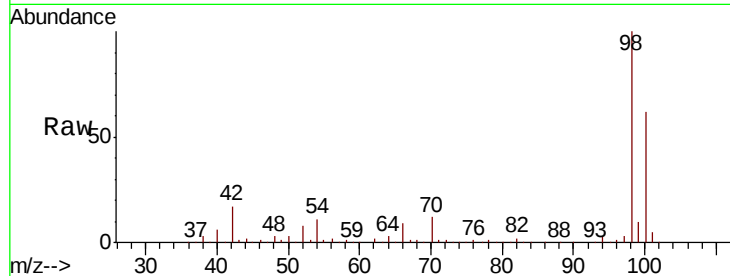
VB44949

Tot Ion: 98 Resp: 604923

Ion Ratio Lower Upper

98 100

100 61.4 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

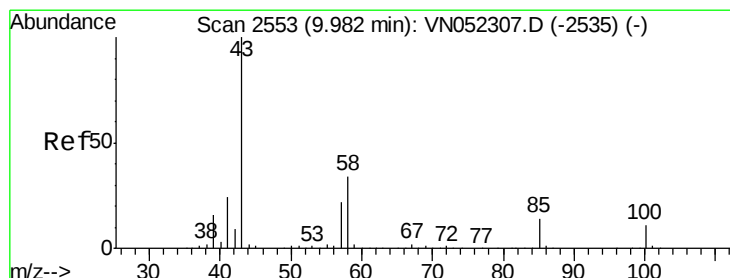
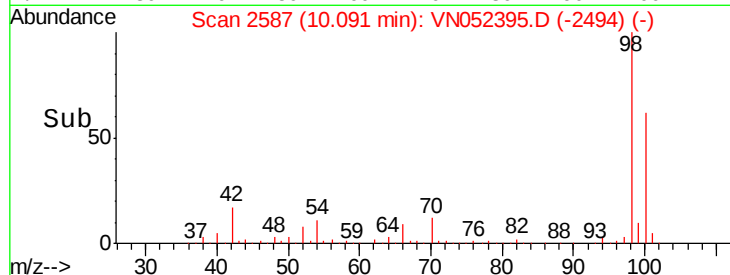
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.841 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN052395.D

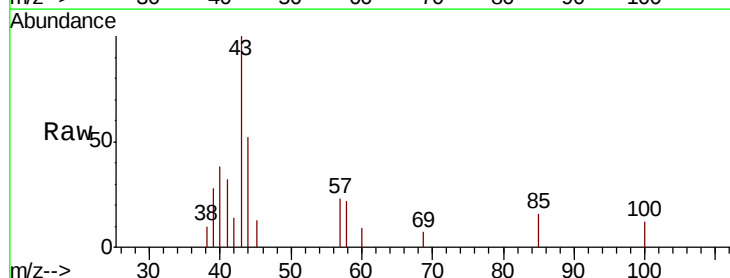
Acq: 19 Nov 2018 19:47

Tgt Ion: 43 Resp: 2869

Ion Ratio Lower Upper

43 100

58 33.8 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) (-)

6000

5000

4000

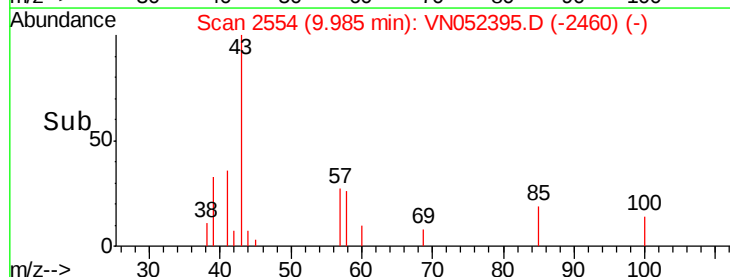
3000

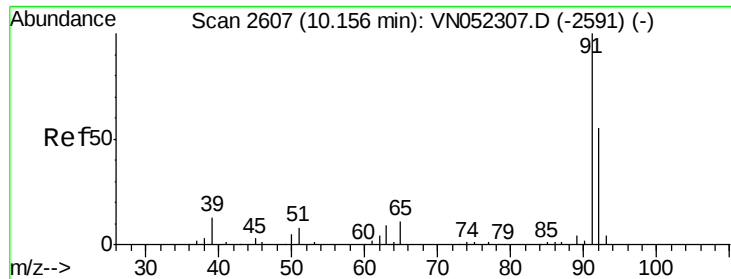
2000

1000

0

Time-->





#52

Toluene

Concen: 5.959 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052395.D

Acq: 19 Nov 2018 19:47

Instrument :

MSVOA_N

ClientSampled :

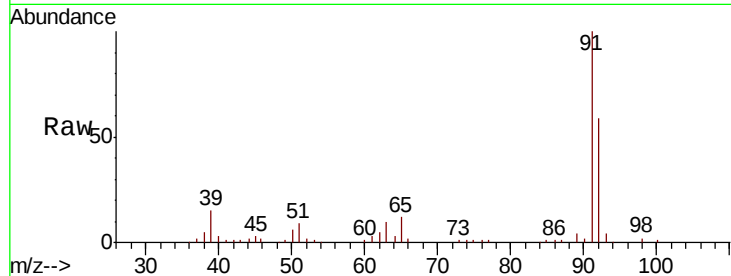
VB44949

Tot Ion: 92 Resp: 49275

Ion Ratio Lower Upper

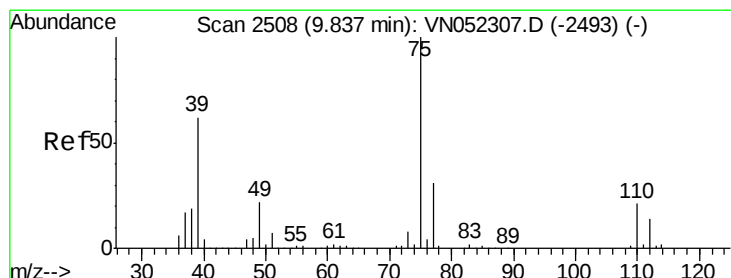
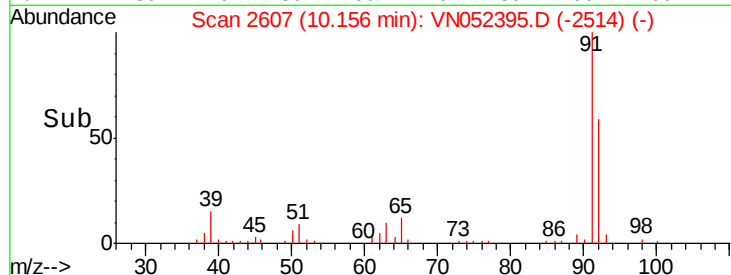
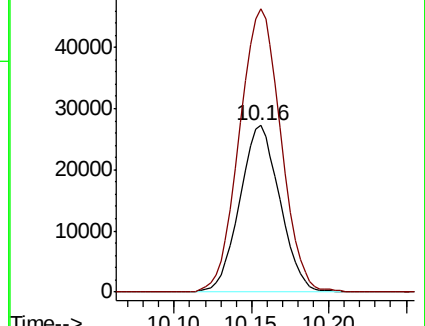
92 100

91 174.6 143.6 215.4



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: 4.244 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN052395.D

Acq: 19 Nov 2018 19:47

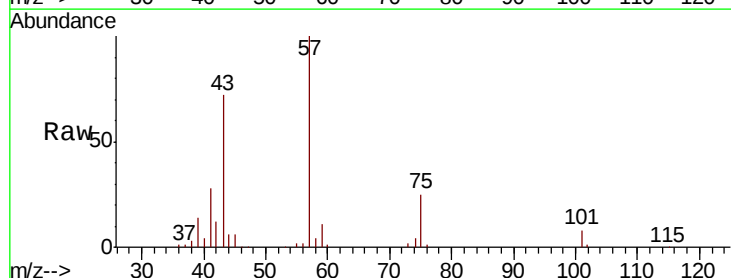
Tgt Ion: 75 Resp: 22739

Ion Ratio Lower Upper

75 100

77 0.0 24.6 36.8#

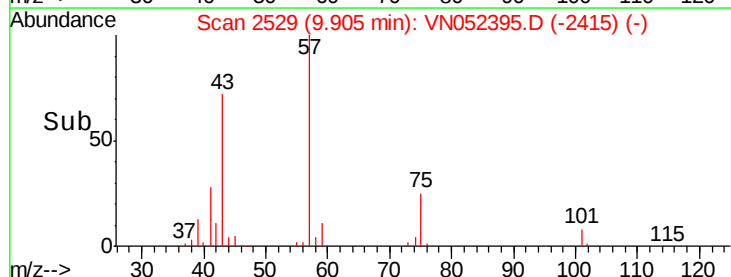
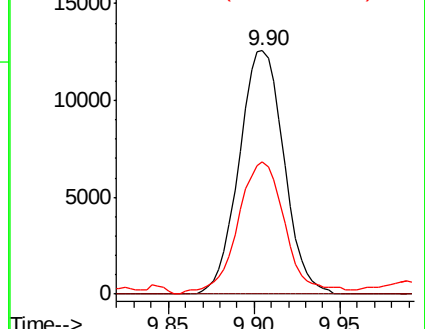
39 52.4 49.9 74.9

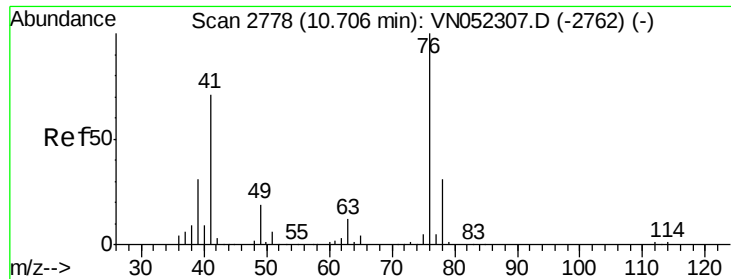


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

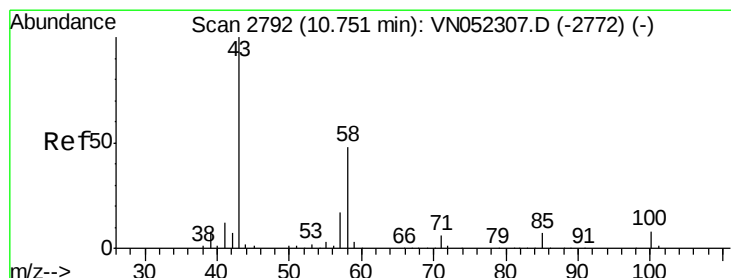
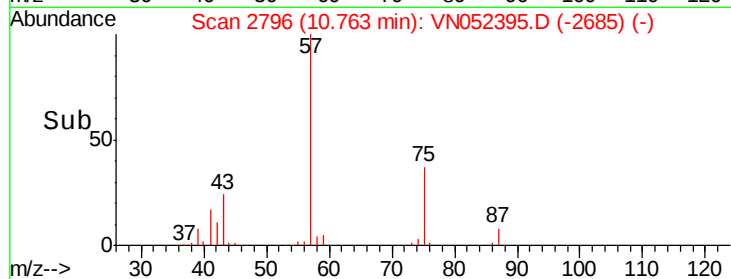
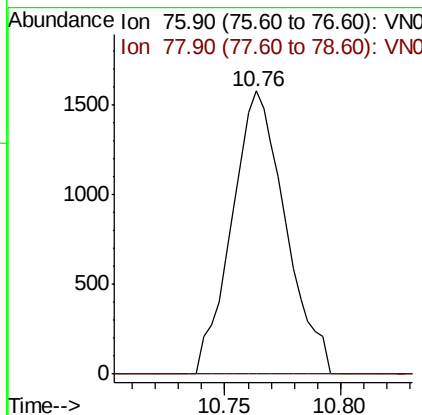
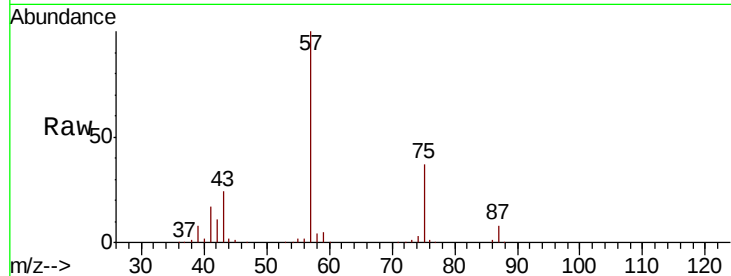




#57
 1,3-Dichloropropane
 Concen: 0.477 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN052395.D
 Acq: 19 Nov 2018 19:47

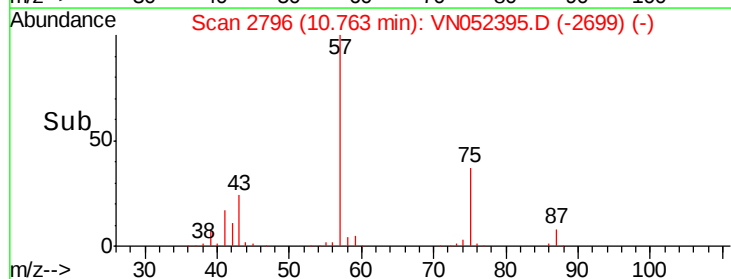
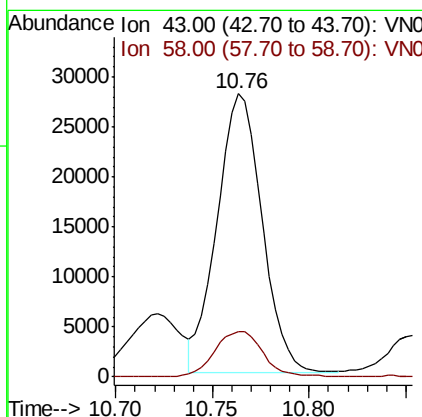
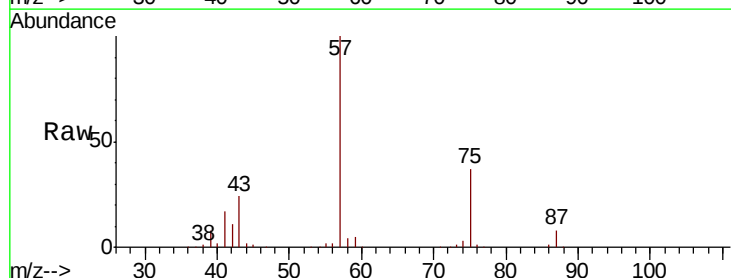
Instrument :
 MSVOA_N
 ClientSampled :
 VB44949

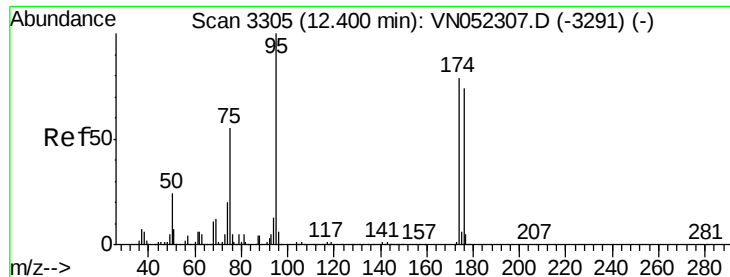
Tot Ion: 76 Resp: 2533
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#



#59
 2-Hexanone
 Concen: 19.221 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN052395.D
 Acq: 19 Nov 2018 19:47

Tgt Ion: 43 Resp: 45098
 Ion Ratio Lower Upper
 43 100
 58 17.7 23.5 70.6#

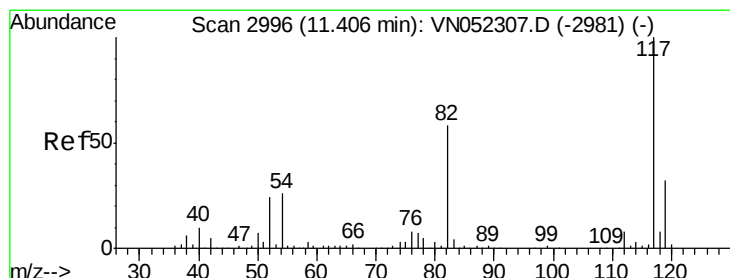
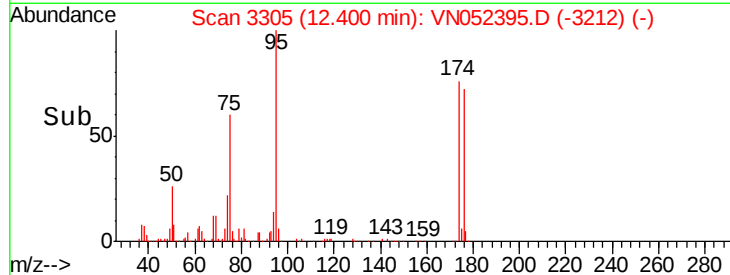
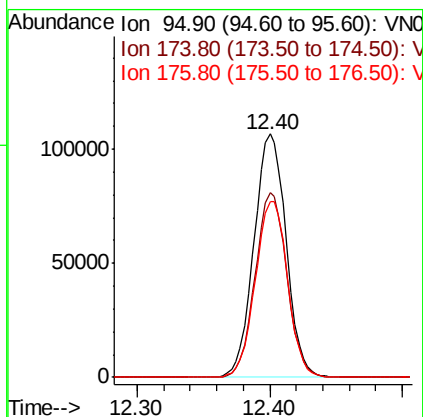
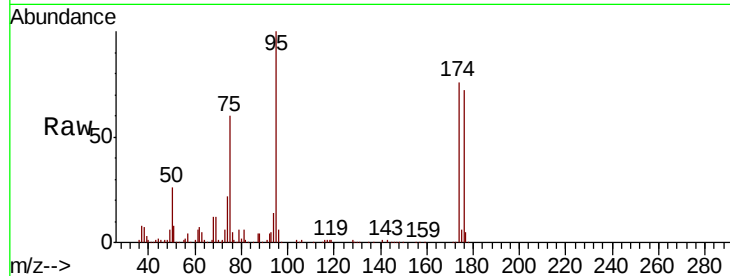




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052395.D
Acq: 19 Nov 2018 19:47

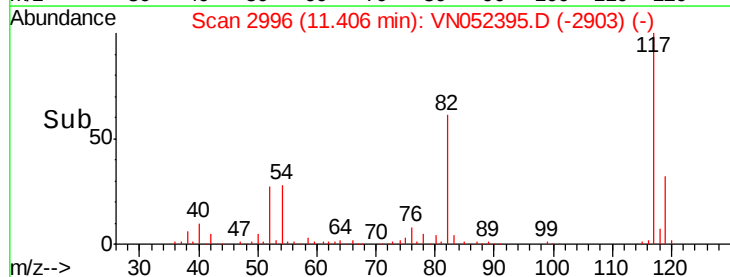
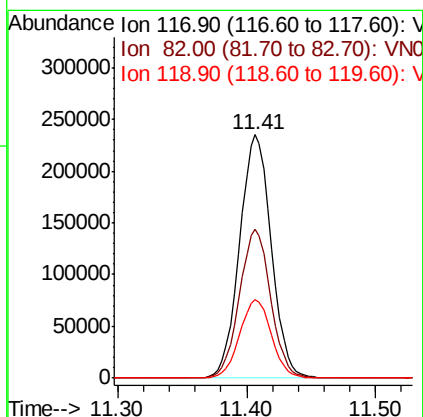
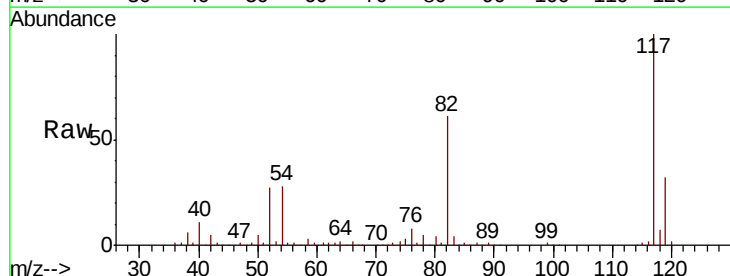
Instrument :
MSVOA_N
ClientSampled :
VB44949

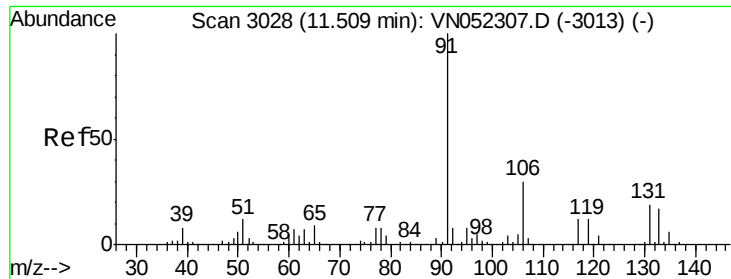
Tot Ion: 95 Resp: 180330
Ion Ratio Lower Upper
95 100
174 74.6 0.0 156.0
176 72.6 0.0 148.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052395.D
Acq: 19 Nov 2018 19:47

Tgt Ion: 117 Resp: 401134
Ion Ratio Lower Upper
117 100
82 61.3 46.5 69.7
119 32.2 25.7 38.5

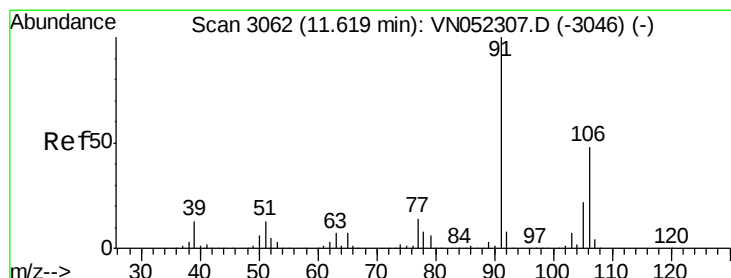
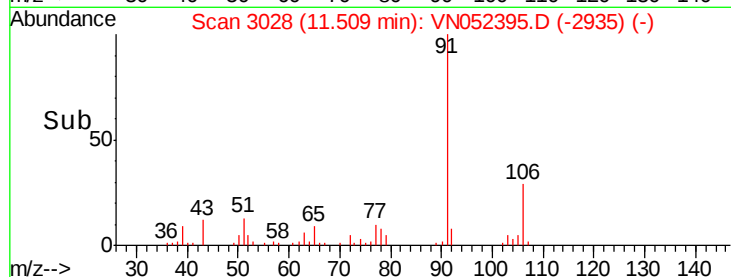
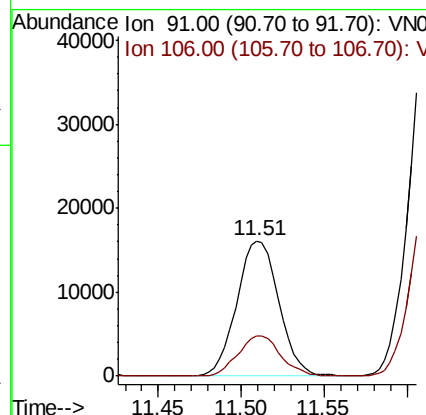
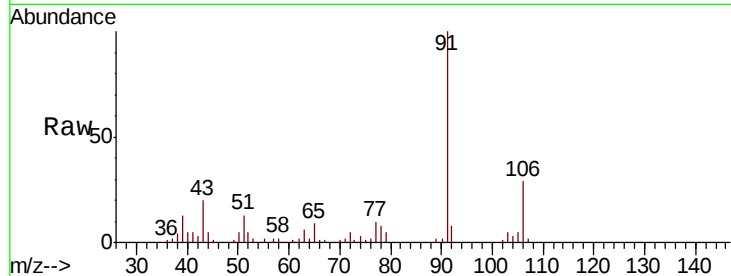




#67
Ethyl Benzene
Concen: 1.929 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN052395.D
Acq: 19 Nov 2018 19:47

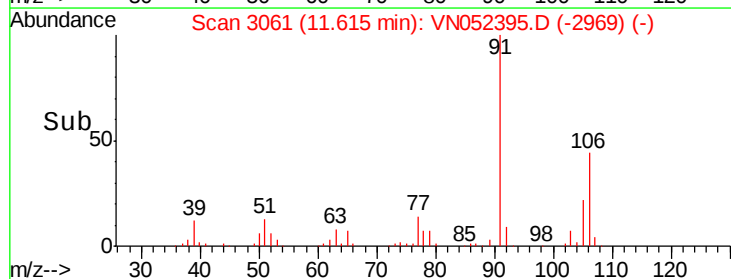
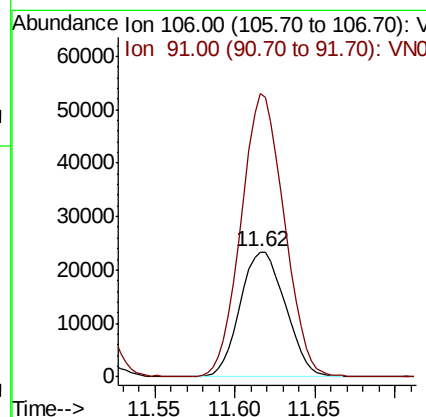
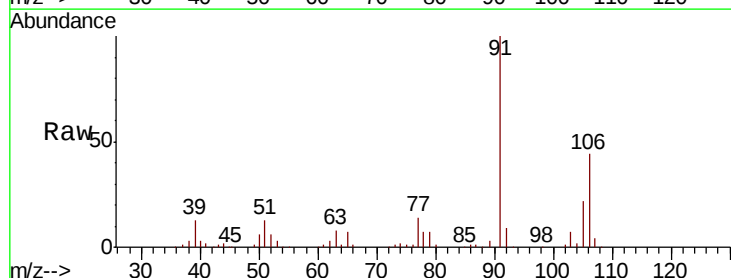
Instrument :
MSVOA_N
ClientSampleId :
VB44949

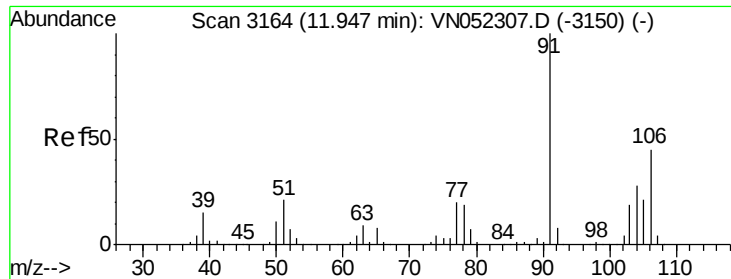
Tot Ion: 91 Resp: 28389
Ion Ratio Lower Upper
91 100
106 29.3 24.2 36.2



#68
m/p-Xylenes
Concen: 8.445 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN052395.D
Acq: 19 Nov 2018 19:47

Tgt Ion: 106 Resp: 45407
Ion Ratio Lower Upper
106 100
91 215.2 165.5 248.3

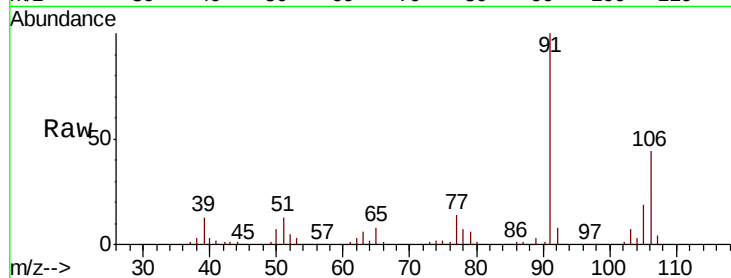




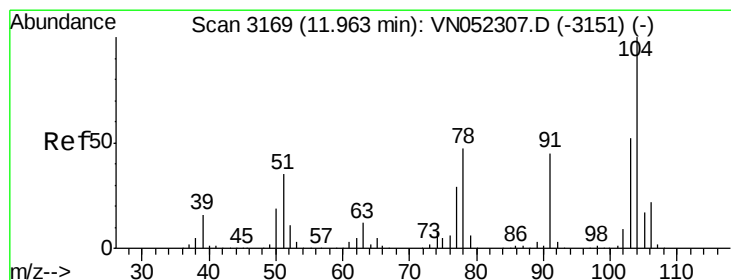
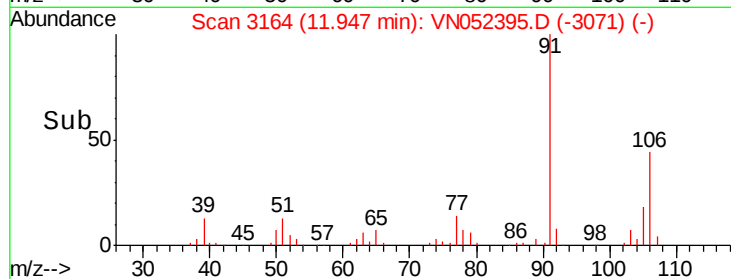
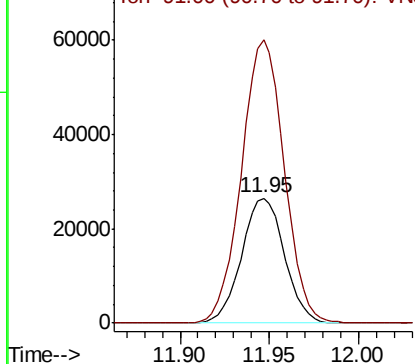
#69
o-Xylene
Concen: 8.598 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN052395.D
Acq: 19 Nov 2018 19:47

Instrument :
MSVOA_N
ClientSampleId :
VB44949

Tot Ion:106 Resp: 44318
Ion Ratio Lower Upper
106 100
91 226.7 110.0 330.0

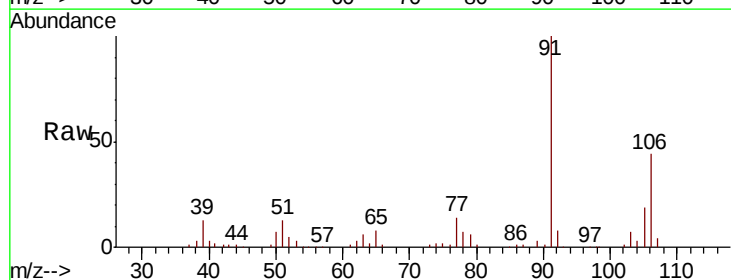


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

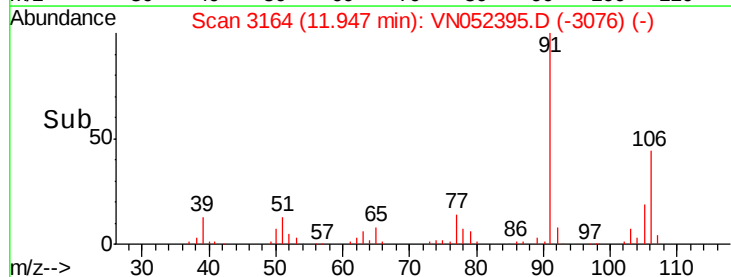
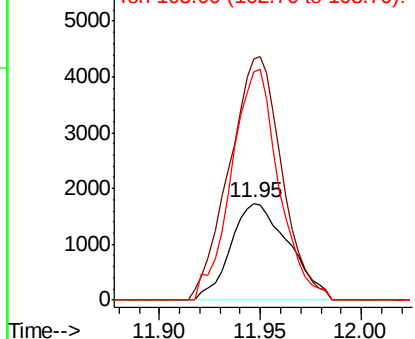


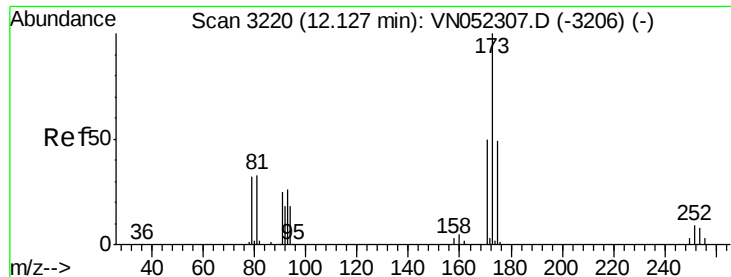
#70
Styrene
Concen: 0.421 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.02 min
Lab File: VN052395.D
Acq: 19 Nov 2018 19:47

Tgt Ion:104 Resp: 3477
Ion Ratio Lower Upper
104 100
78 227.4 42.7 64.1#
103 196.4 45.4 68.0#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 0.480 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.27 min

Lab File: VN052395.D

Acq: 19 Nov 2018 19:47

Instrument :

MSVOA_N

ClientSampled :

VB44949

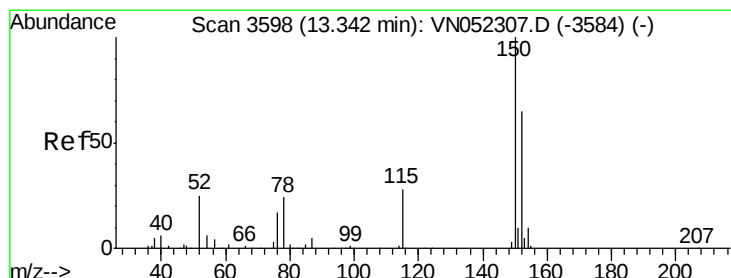
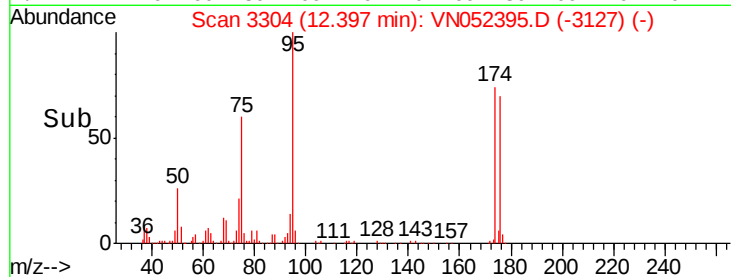
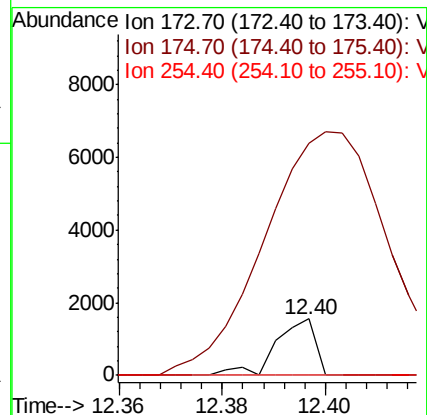
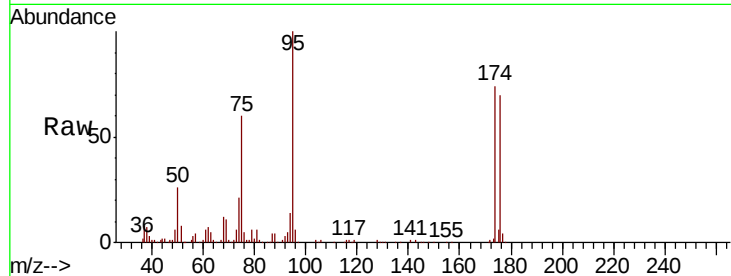
Tot Ion:173 Resp: 819

Ion Ratio Lower Upper

173 100

175 1237.7 25.0 75.0#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052395.D

Acq: 19 Nov 2018 19:47

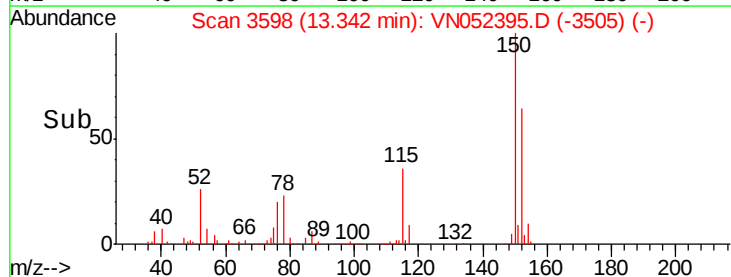
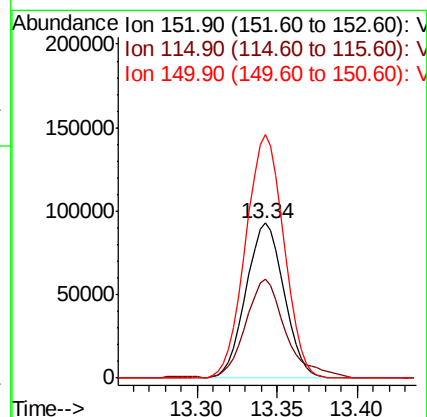
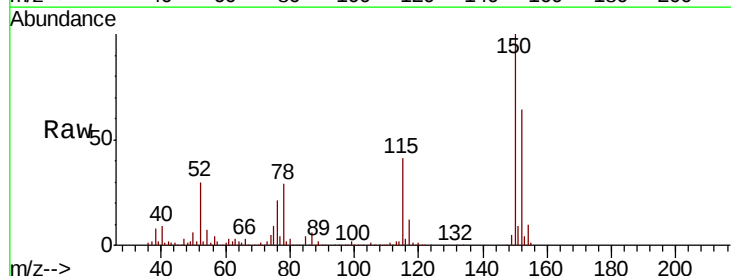
Tgt Ion:152 Resp: 151036

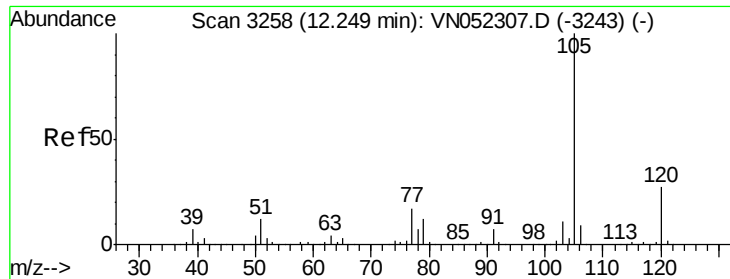
Ion Ratio Lower Upper

152 100

115 67.5 30.3 91.0

150 157.7 0.0 348.2





#73

Isopropylbenzene

Concen: 0.796 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN052395.D

Acq: 19 Nov 2018 19:47

Instrument :

MSVOA_N

ClientSampleId :

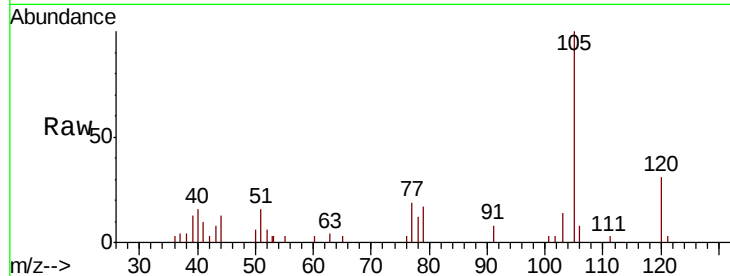
VB44949

Tot Ion:105 Resp: 9666

Ion Ratio Lower Upper

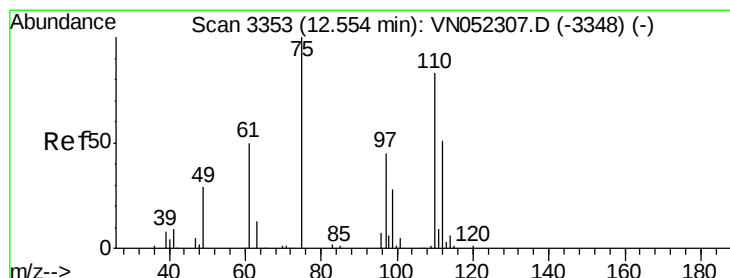
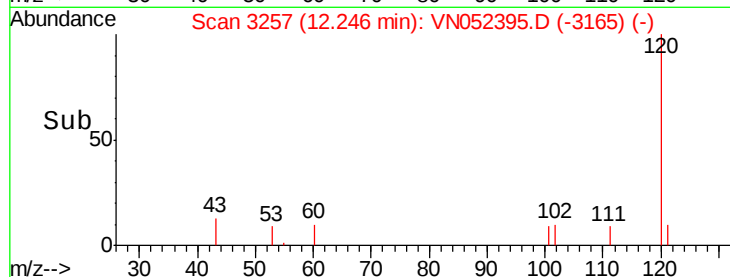
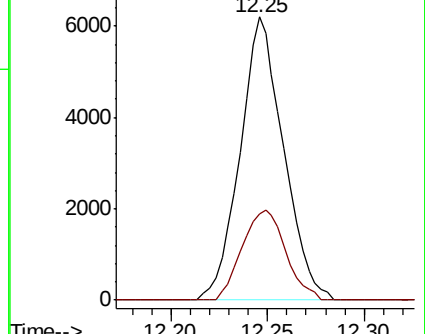
105 100

120 32.0 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 41.041 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN052395.D

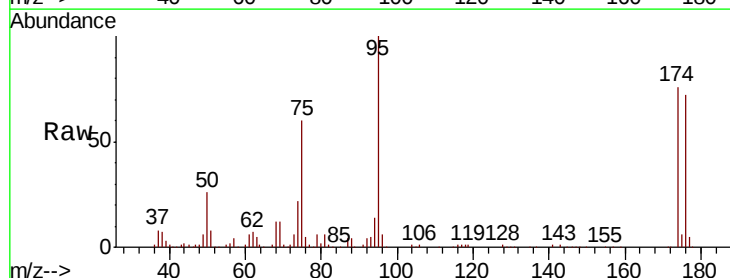
Acq: 19 Nov 2018 19:47

Tgt Ion: 75 Resp: 105180

Ion Ratio Lower Upper

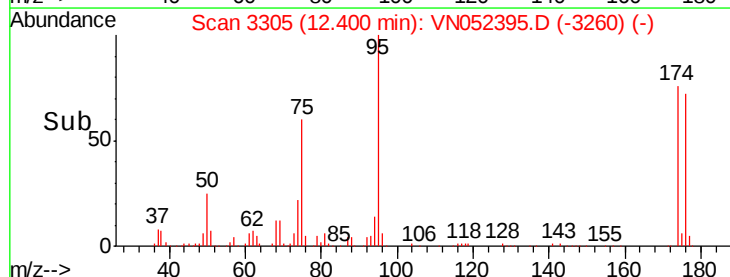
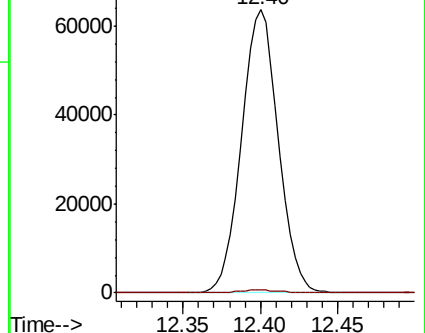
75 100

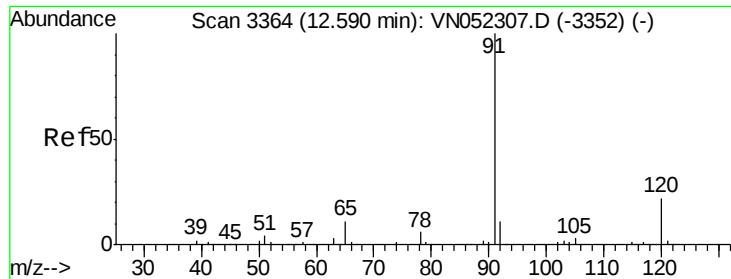
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

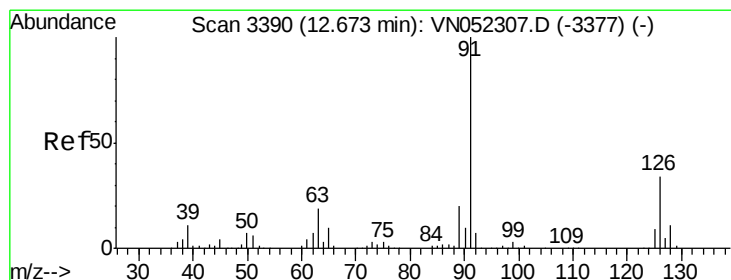
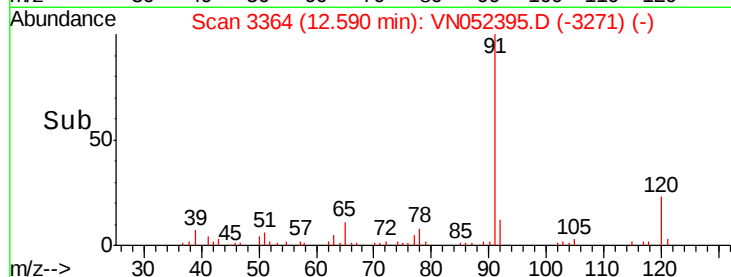
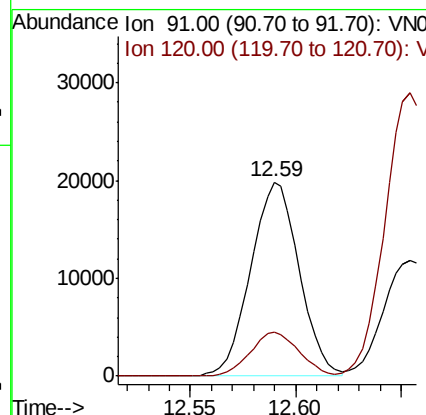
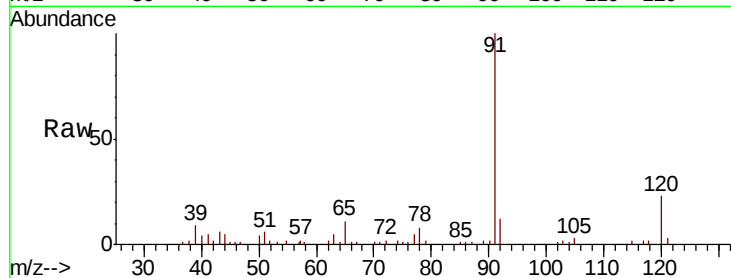




#78
n-propylbenzene
Concen: 2.232 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN052395.D
Acq: 19 Nov 2018 19:47

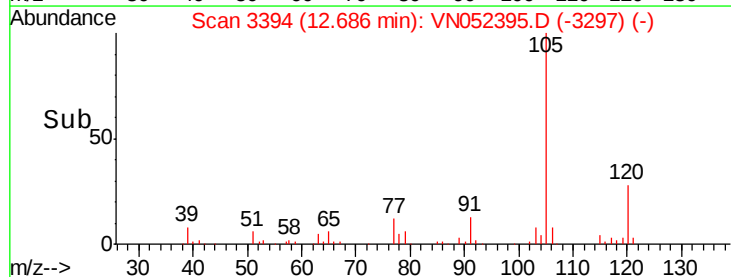
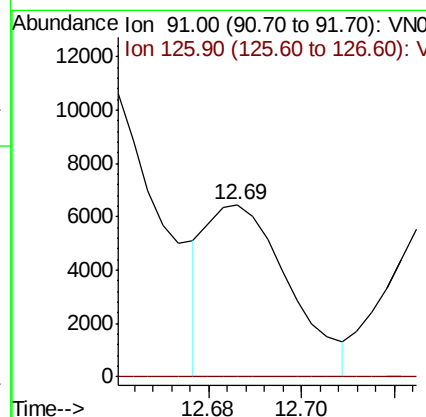
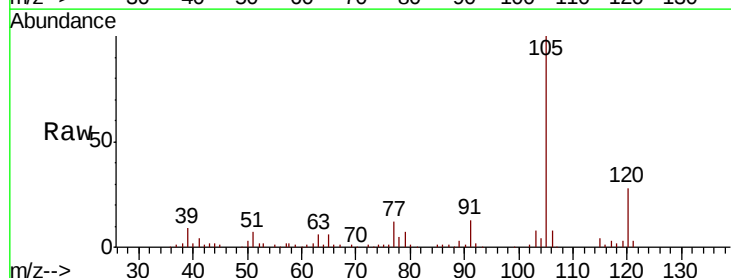
Instrument :
MSVOA_N
ClientSampleId :
VB44949

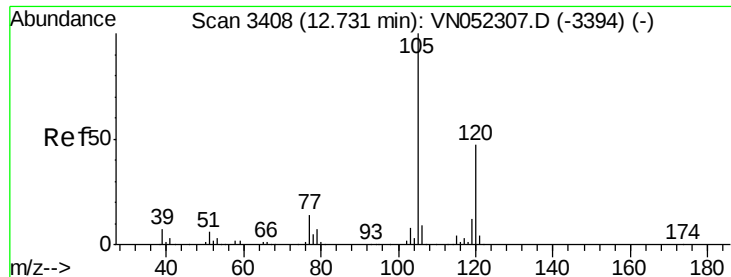
Tot Ion: 91 Resp: 31702
Ion Ratio Lower Upper
91 100
120 22.8 11.1 33.1



#79
2-Chlorotoluene
Concen: 0.963 ug/l
RT: 12.69 min Scan# 3394
Delta R.T. 0.01 min
Lab File: VN052395.D
Acq: 19 Nov 2018 19:47

Tgt Ion: 91 Resp: 7986
Ion Ratio Lower Upper
91 100
126 0.0 17.0 51.0#

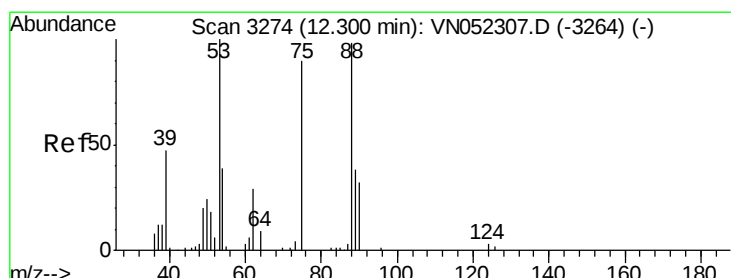
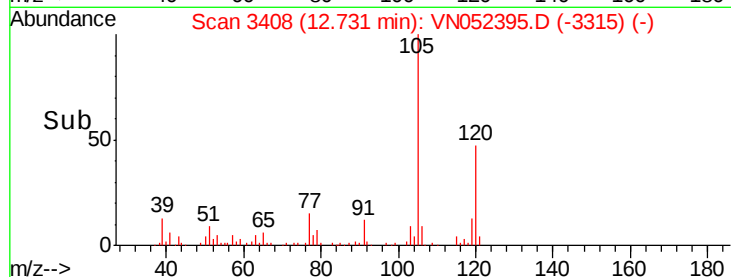
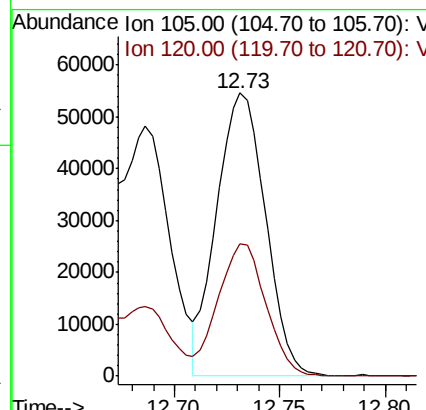
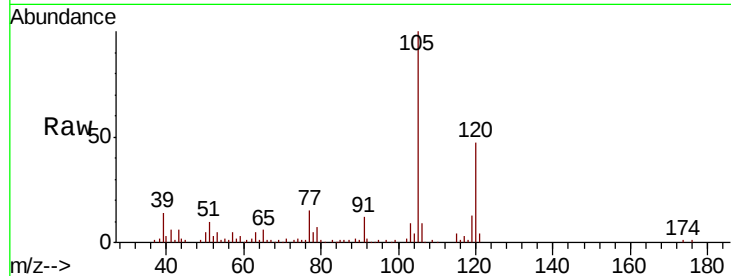




#80
 1,3,5-Trimethylbenzene
 Concen: 9.029 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN052395.D
 Acq: 19 Nov 2018 19:47

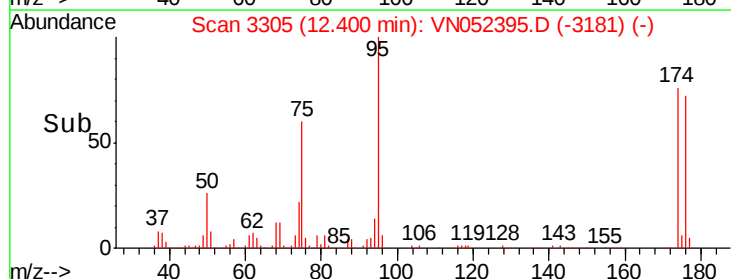
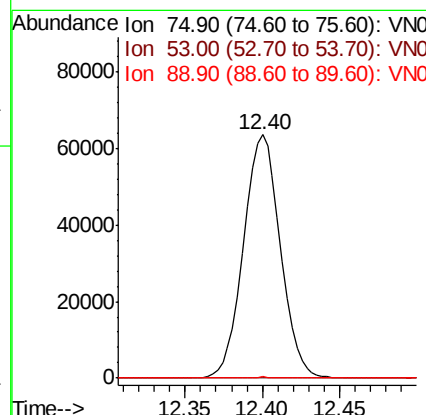
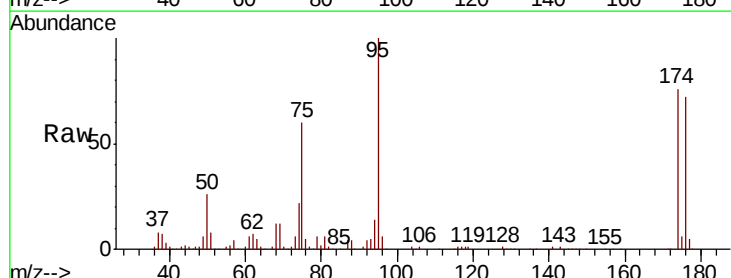
Instrument :
 MSVOA_N
 ClientSampleId :
 VB44949

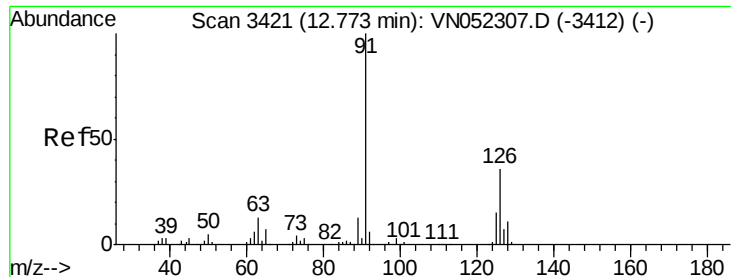
Tot Ion:105 Resp: 87195
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.7 71.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 133.112 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN052395.D
 Acq: 19 Nov 2018 19:47

Tgt Ion: 75 Resp: 105180
 Ion Ratio Lower Upper
 75 100
 53 0.4 90.2 135.2#
 89 0.1 35.4 53.0#





#82

4-Chlorotoluene

Concen: 1.243 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN052395.D

Acq: 19 Nov 2018 19:47

Instrument :

MSVOA_N

ClientSampleId :

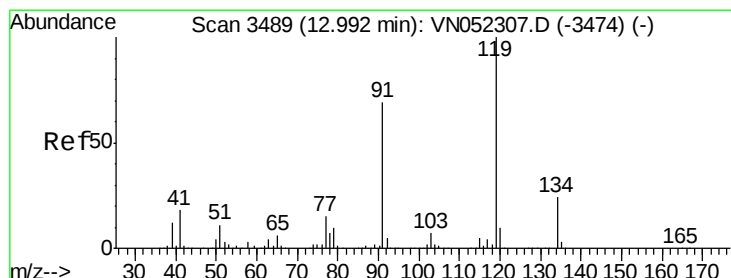
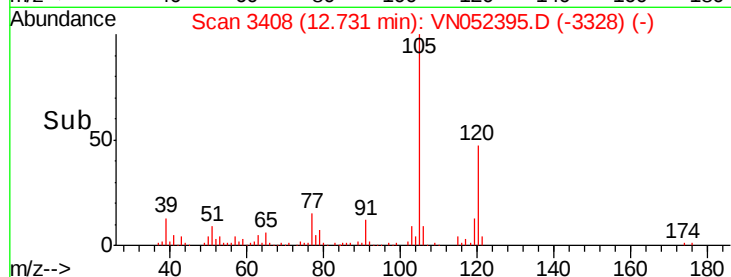
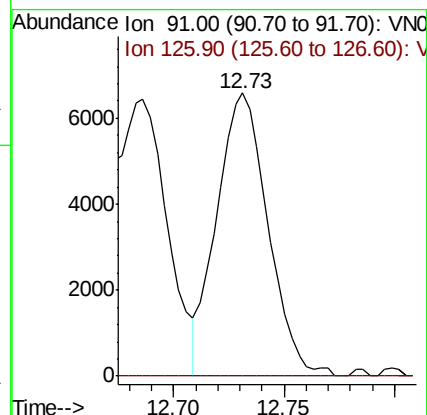
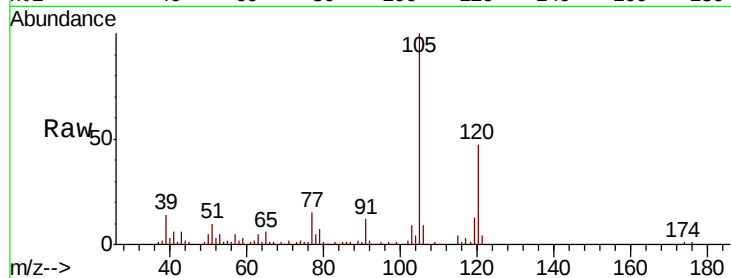
VB44949

Tot Ion: 91 Resp: 10564

Ion Ratio Lower Upper

91 100

126 0.0 17.0 50.9#



#83

tert-Butylbenzene

Concen: 0.569 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN052395.D

Acq: 19 Nov 2018 19:47

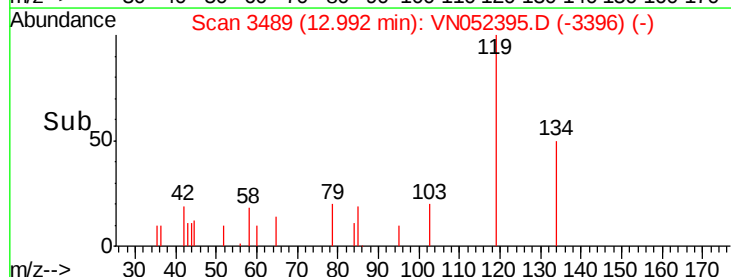
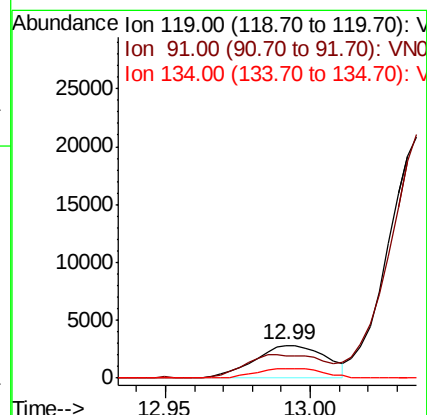
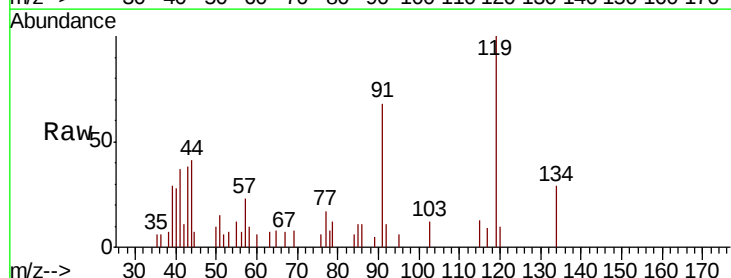
Tgt Ion: 119 Resp: 4852

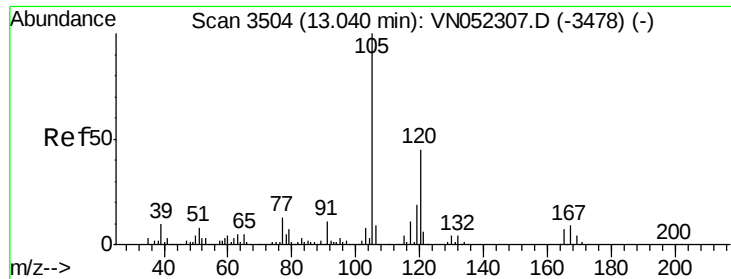
Ion Ratio Lower Upper

119 100

91 77.0 33.8 101.3

134 26.8 11.9 35.9





#84

1,2,4-Trimethylbenzene

Concen: 29.252 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN052395.D

Acq: 19 Nov 2018 19:47

Instrument :

MSVOA_N

ClientSampled :

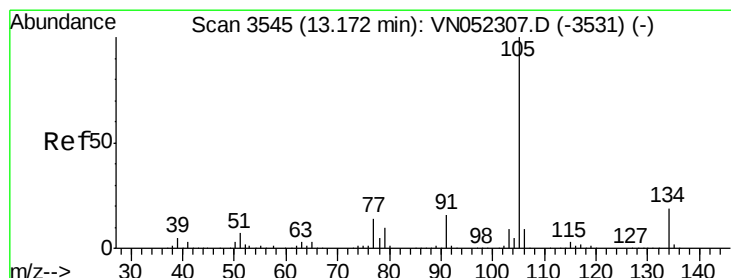
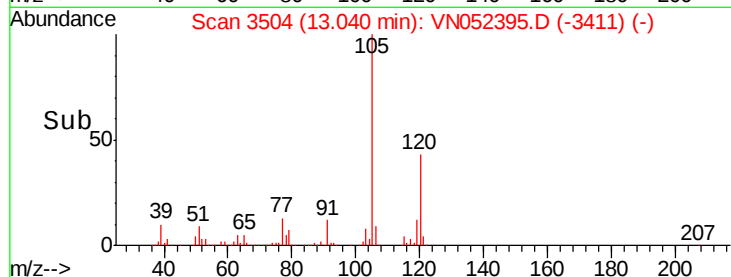
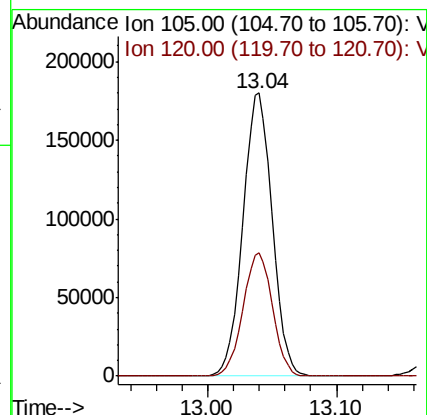
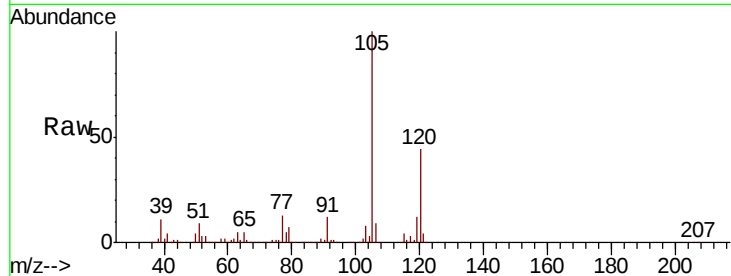
VB44949

Tot Ion:105 Resp: 283578

Ion Ratio Lower Upper

105 100

120 43.8 22.5 67.5



#85

sec-Butylbenzene

Concen: 1.198 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN052395.D

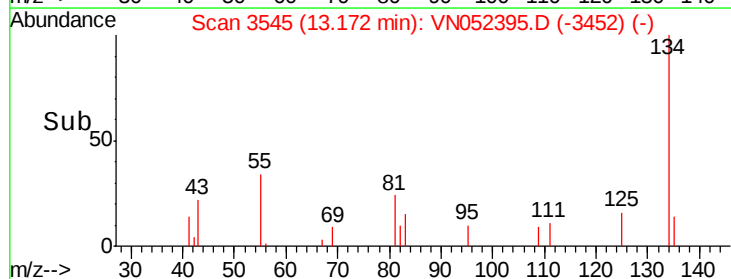
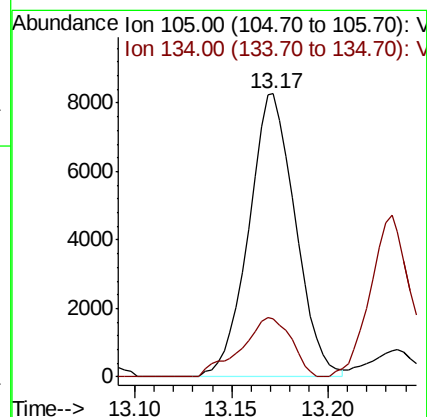
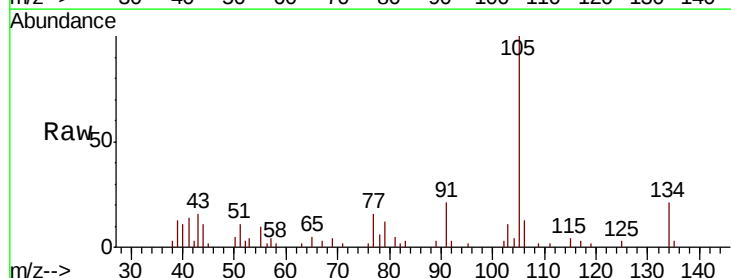
Acq: 19 Nov 2018 19:47

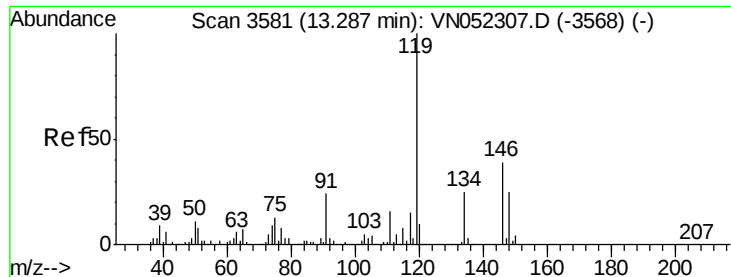
Tgt Ion:105 Resp: 13914

Ion Ratio Lower Upper

105 100

134 22.5 9.5 28.5

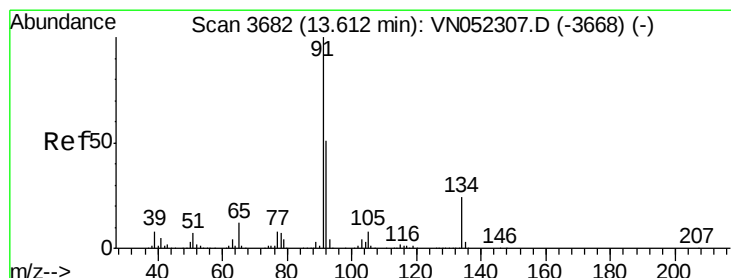
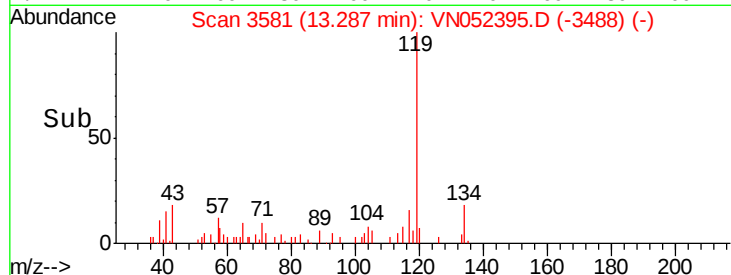
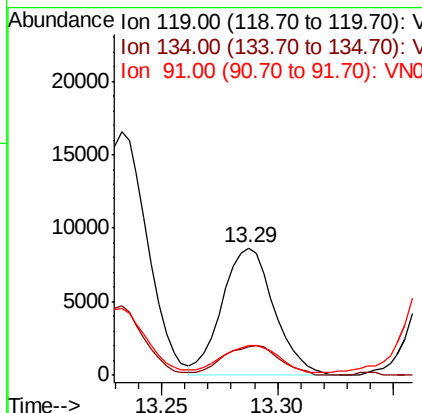
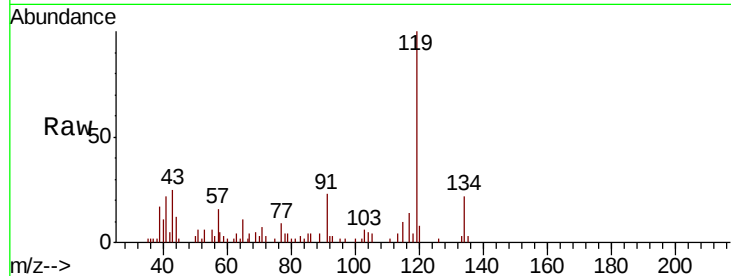




#86
p-Isopropyltoluene
Concen: 1.377 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. 0.00 min
Lab File: VN052395.D
Acq: 19 Nov 2018 19:47

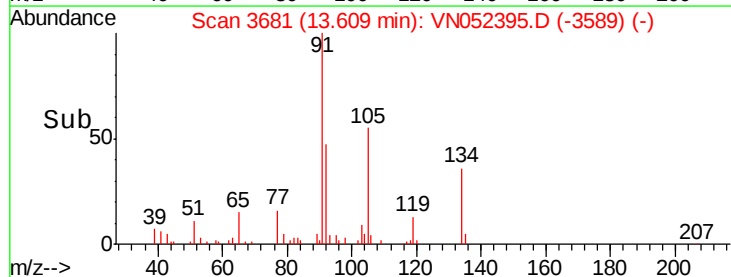
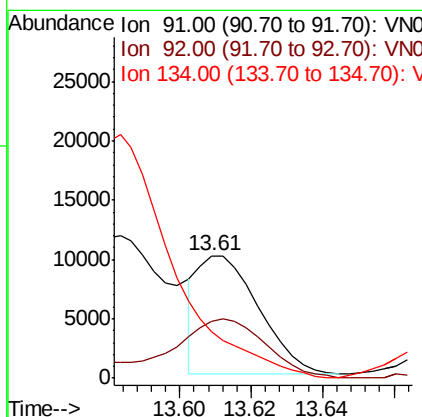
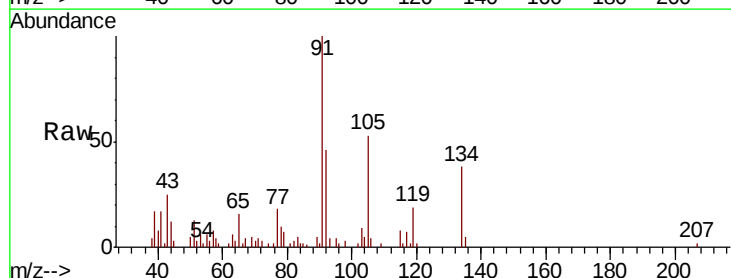
Instrument :
MSVOA_N
ClientSampled :
VB44949

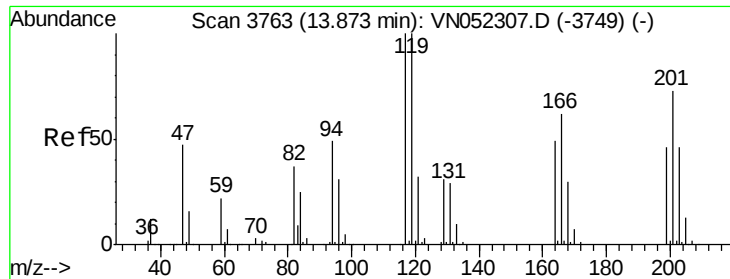
Tot Ion: 119 Resp: 13545
Ion Ratio Lower Upper
119 100
134 25.4 13.0 38.9
91 23.2 12.4 37.0



#89
n-Butylbenzene
Concen: 1.391 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN052395.D
Acq: 19 Nov 2018 19:47

Tgt Ion: 91 Resp: 11755
Ion Ratio Lower Upper
91 100
92 85.3 25.4 76.2#
134 0.0 12.2 36.4#





#90

Hexachloroethane

Concen: 5.510 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN052395.D

Acq: 19 Nov 2018 19:47

Instrument :

MSVOA_N

ClientSampled :

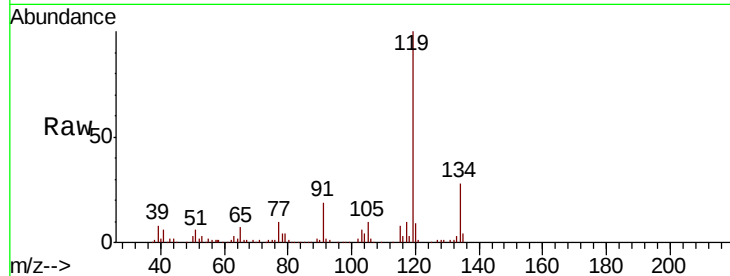
VB44949

Tot Ion:117 Resp: 9600

Ion Ratio Lower Upper

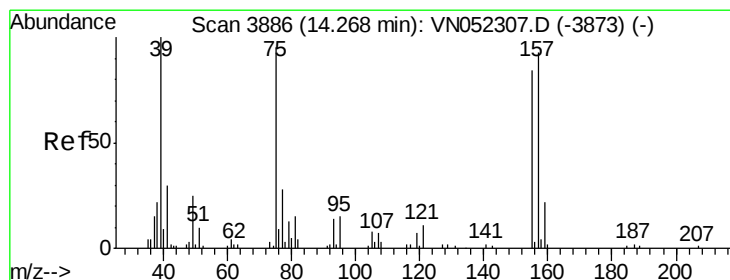
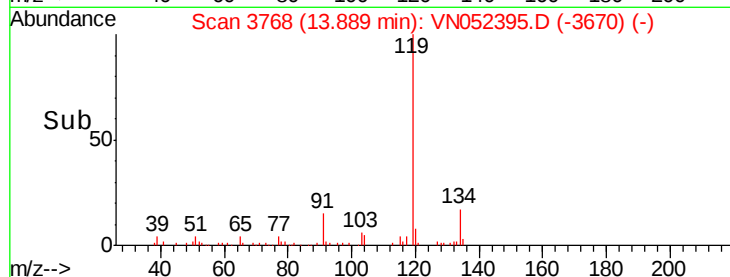
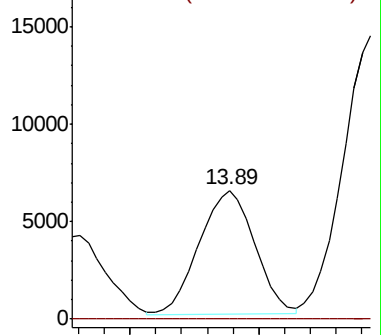
117 100

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: 2.169 ug/l

RT: 14.25 min Scan# 3880

Delta R.T. -0.02 min

Lab File: VN052395.D

Acq: 19 Nov 2018 19:47

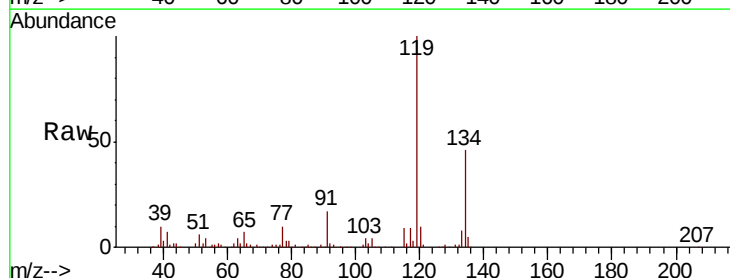
Tgt Ion: 75 Resp: 939

Ion Ratio Lower Upper

75 100

155 0.0 42.4 127.3#

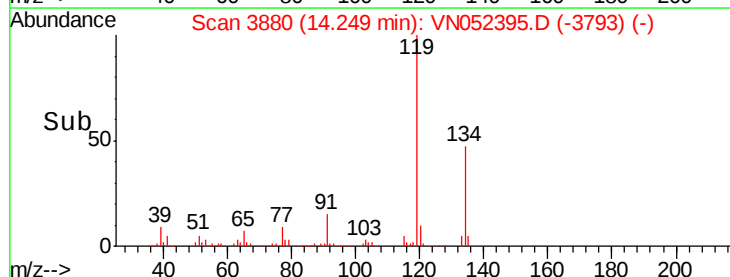
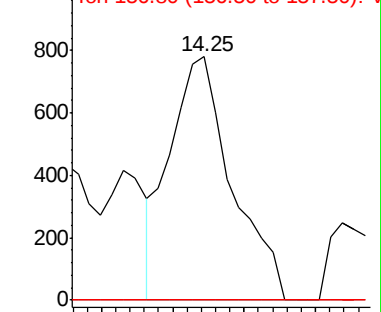
157 0.0 49.6 149.0#

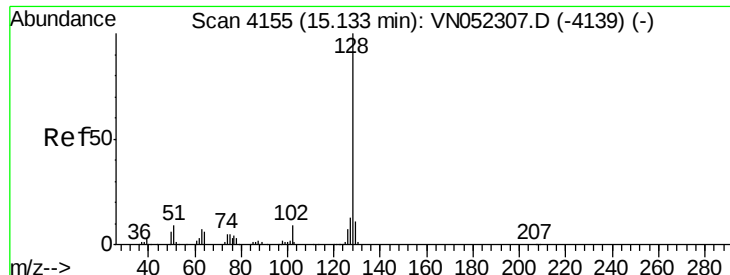


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 10.675 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN052395.D

Acq: 19 Nov 2018 19:47

Instrument :

MSVOA_N

ClientSampleId :

VB44949

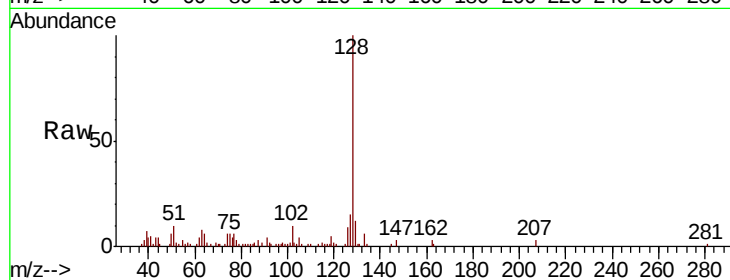
Tot Ion:128 Resp: 45518

Ion Ratio Lower Upper

128 100

127 15.4 10.4 15.6

129 11.1 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

