

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102418\
 Data File : VN051987.D
 Acq On : 24 Oct 2018 14:54
 Operator : MD\SY
 Sample : PB114120ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 25 01:46:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 10:12:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1083427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1586928	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1489817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	660155	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	565536	58.61	ug/l	0.00
Spiked Amount			Recovery	=	117.22%	
35) Dibromofluoromethane	7.59	113	586523	57.92	ug/l	0.00
Spiked Amount			Recovery	=	115.84%	
50) Toluene-d8	10.09	98	2189919	59.84	ug/l	0.00
Spiked Amount			Recovery	=	119.68%	
62) 4-Bromofluorobenzene	12.40	95	671248	53.37	ug/l	0.00
Spiked Amount			Recovery	=	106.74%	

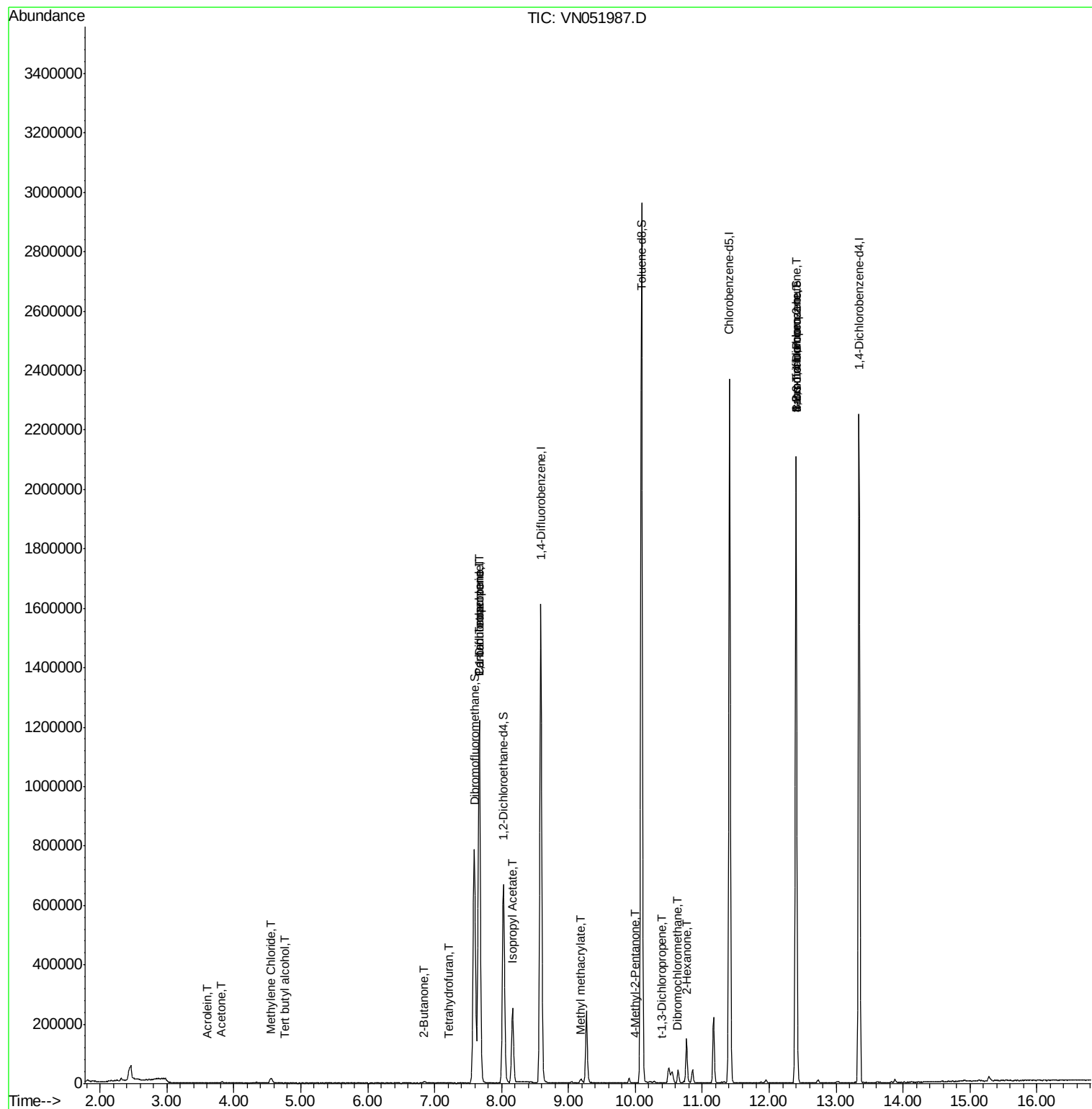
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.75	59	436	0.873	ug/l #	72
13) Acrolein	3.61	56	29	37.358	ug/l #	1
16) Acetone	3.82	43	7183	4.518	ug/l	96
18) Methyl Acetate	4.34	43	6503	Below Cal	#	66
20) Methylene Chloride	4.55	84	13109	1.406	ug/l	94
25) 2-Butanone	6.84	43	2549	1.125	ug/l	90
29) Tetrahydrofuran	7.21	42	501	0.326	ug/l #	69
31) Cyclohexane	7.66	56	15585	Below Cal	#	16
36) 1,1-Dichloropropene	7.67	75	66342	5.450	ug/l #	47
37) Ethyl Acetate	6.95	43	174	Below Cal	#	64
38) Carbon Tetrachloride	7.66	117	96346	6.894	ug/l #	15
43) Isopropyl Acetate	8.16	43	272149	26.695	ug/l	98
48) Methyl methacrylate	9.18	41	6586	1.337	ug/l #	8
51) 4-Methyl-2-Pentanone	9.98	43	2036	0.363	ug/l #	32
53) t-1,3-Dichloropropene	10.39	75	62	1.249	ug/l #	48
59) 2-Hexanone	10.76	43	20766	5.511	ug/l #	54
60) Dibromochloromethane	10.62	129	60	1.983	ug/l #	11
71) Bromoform	12.40	173	6086	4.397	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	330774	48.507	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	330774	152.529	ug/l #	12

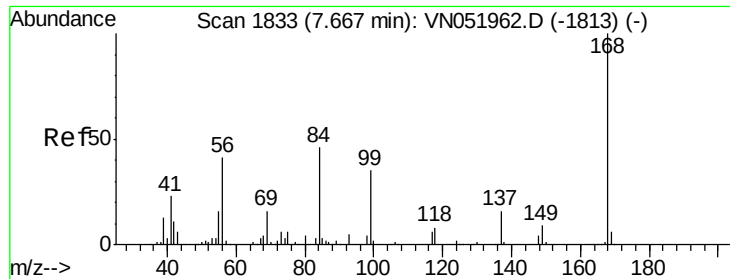
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 24 10:12:55 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051987.D

Acq: 24 Oct 2018 14:54

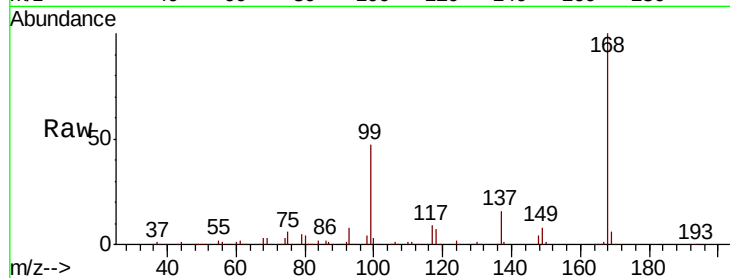
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 1083427

Ion Ratio Lower Upper

168 100

99 46.8 37.8 56.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

500000

400000

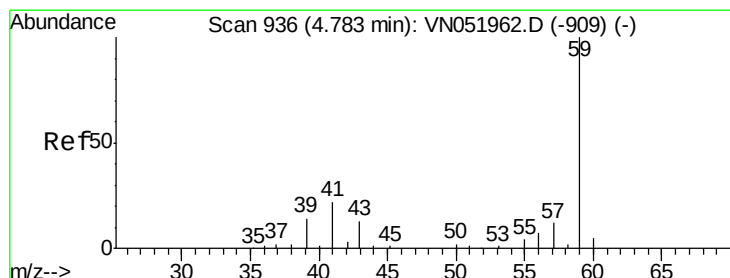
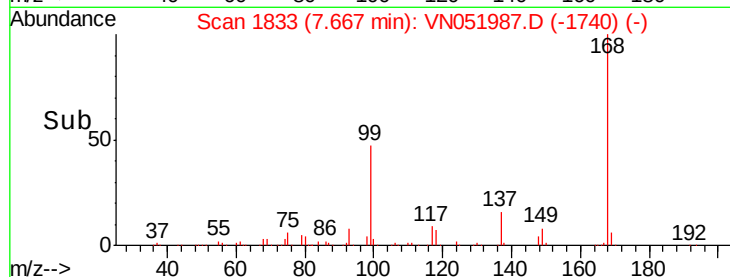
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.873 ug/l

RT: 4.75 min Scan# 927

Delta R.T. -0.03 min

Lab File: VN051987.D

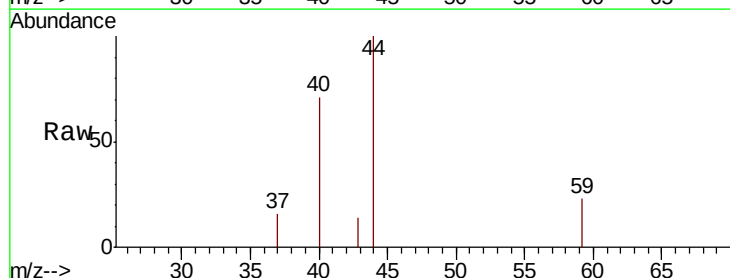
Acq: 24 Oct 2018 14:54

Tgt Ion: 59 Resp: 436

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.75

300

250

200

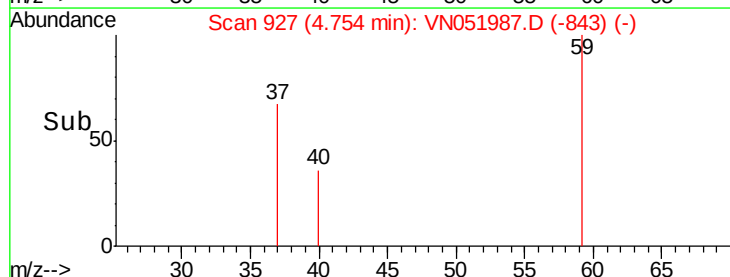
150

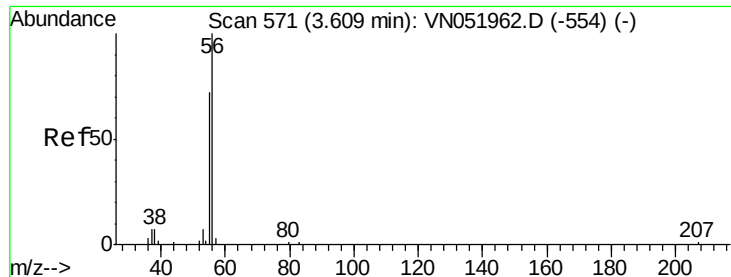
100

50

0

Time-->





#13

Acrolein

Concen: 37.358 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.00 min

Lab File: VN051987.D

Acq: 24 Oct 2018 14:54

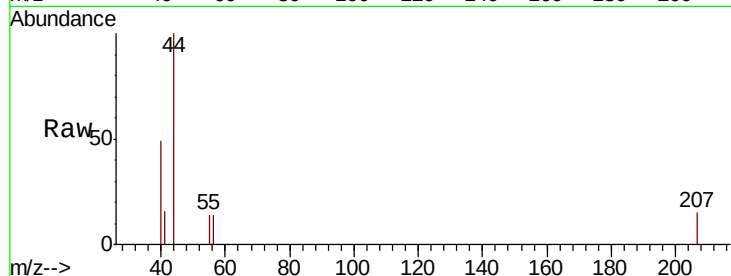
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 29

Ion Ratio Lower Upper

56 100

55 541.4 56.6 84.8#



Abundance Ion 56.00 (55.70 to 56.70): VN051962.D (-554) (-)

Ion 55.00 (54.70 to 55.70): VN051962.D (-554) (-)

Time-->

3.60 3.61 3.62 3.63

3.64 3.65 3.66 3.67

3.68 3.69 3.70 3.71

3.72 3.73 3.74 3.75

3.76 3.77 3.78 3.79

3.80 3.81 3.82 3.83

3.84 3.85 3.86 3.87

3.88 3.89 3.90 3.91

3.92 3.93 3.94 3.95

3.96 3.97 3.98 3.99

4.00 4.01 4.02 4.03

4.04 4.05 4.06 4.07

4.08 4.09 4.10 4.11

4.12 4.13 4.14 4.15

4.16 4.17 4.18 4.19

4.20 4.21 4.22 4.23

4.24 4.25 4.26 4.27

4.28 4.29 4.30 4.31

4.32 4.33 4.34 4.35

4.36 4.37 4.38 4.39

4.40 4.41 4.42 4.43

4.44 4.45 4.46 4.47

4.48 4.49 4.50 4.51

4.52 4.53 4.54 4.55

4.56 4.57 4.58 4.59

4.60 4.61 4.62 4.63

4.64 4.65 4.66 4.67

4.68 4.69 4.70 4.71

4.72 4.73 4.74 4.75

4.76 4.77 4.78 4.79

4.80 4.81 4.82 4.83

4.84 4.85 4.86 4.87

4.88 4.89 4.90 4.91

4.92 4.93 4.94 4.95

4.96 4.97 4.98 4.99

5.00 5.01 5.02 5.03

5.04 5.05 5.06 5.07

5.08 5.09 5.10 5.11

5.12 5.13 5.14 5.15

5.16 5.17 5.18 5.19

5.20 5.21 5.22 5.23

5.24 5.25 5.26 5.27

5.28 5.29 5.30 5.31

5.32 5.33 5.34 5.35

5.36 5.37 5.38 5.39

5.40 5.41 5.42 5.43

5.44 5.45 5.46 5.47

5.48 5.49 5.50 5.51

5.52 5.53 5.54 5.55

5.56 5.57 5.58 5.59

5.60 5.61 5.62 5.63

5.64 5.65 5.66 5.67

5.68 5.69 5.70 5.71

5.72 5.73 5.74 5.75

5.76 5.77 5.78 5.79

5.80 5.81 5.82 5.83

5.84 5.85 5.86 5.87

5.88 5.89 5.90 5.91

5.92 5.93 5.94 5.95

5.96 5.97 5.98 5.99

6.00 6.01 6.02 6.03

6.04 6.05 6.06 6.07

6.08 6.09 6.10 6.11

6.12 6.13 6.14 6.15

6.16 6.17 6.18 6.19

6.20 6.21 6.22 6.23

6.24 6.25 6.26 6.27

6.28 6.29 6.30 6.31

6.32 6.33 6.34 6.35

6.36 6.37 6.38 6.39

6.40 6.41 6.42 6.43

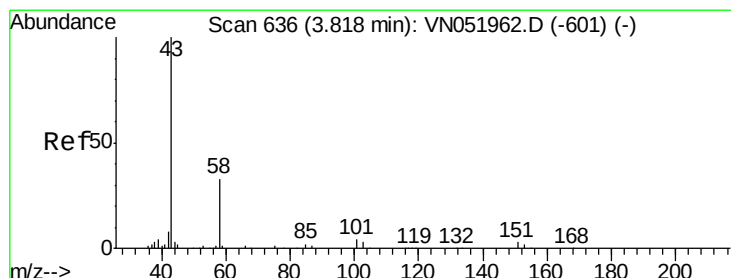
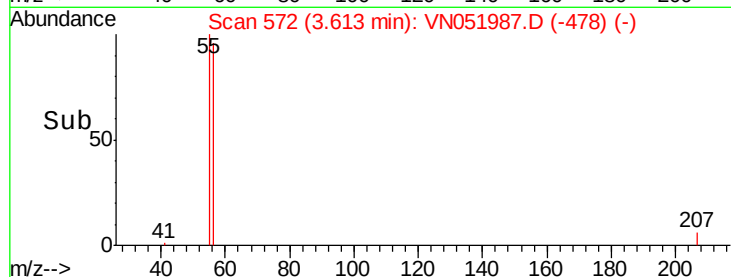
6.44 6.45 6.46 6.47

6.48 6.49 6.50 6.51

6.52 6.53 6.54 6.55

6.56 6.57 6.58 6.59

6.60 6.61 6.62 6.63



#16

Acetone

Concen: 4.518 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN051987.D

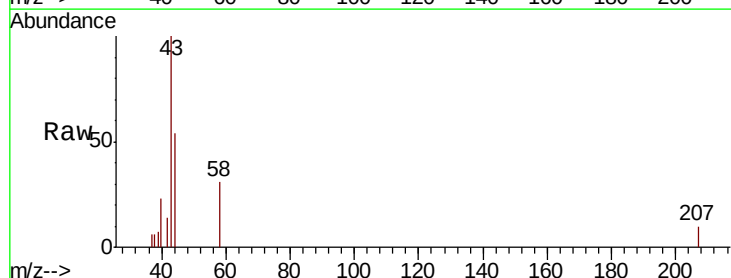
Acq: 24 Oct 2018 14:54

Tgt Ion: 43 Resp: 7183

Ion Ratio Lower Upper

43 100

58 31.3 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN051962.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN051962.D (-601) (-)

Time-->

3.75 3.80 3.85 3.90

3.95 4.00 4.05 4.10

4.15 4.20 4.25 4.30

4.35 4.40 4.45 4.50

4.55 4.60 4.65 4.70

4.75 4.80 4.85 4.90

4.95 5.00 5.05 5.10

5.15 5.20 5.25 5.30

5.35 5.40 5.45 5.50

5.55 5.60 5.65 5.70

5.75 5.80 5.85 5.90

5.95 6.00 6.05 6.10

6.15 6.20 6.25 6.30

6.35 6.40 6.45 6.50

6.55 6.60 6.65 6.70

6.75 6.80 6.85 6.90

6.95 7.00 7.05 7.10

7.15 7.20 7.25 7.30

7.35 7.40 7.45 7.50

7.55 7.60 7.65 7.70

7.75 7.80 7.85 7.90

7.95 8.00 8.05 8.10

8.15 8.20 8.25 8.30

8.35 8.40 8.45 8.50

8.55 8.60 8.65 8.70

8.75 8.80 8.85 8.90

8.95 9.00 9.05 9.10

9.15 9.20 9.25 9.30

9.35 9.40 9.45 9.50

9.55 9.60 9.65 9.70

9.75 9.80 9.85 9.90

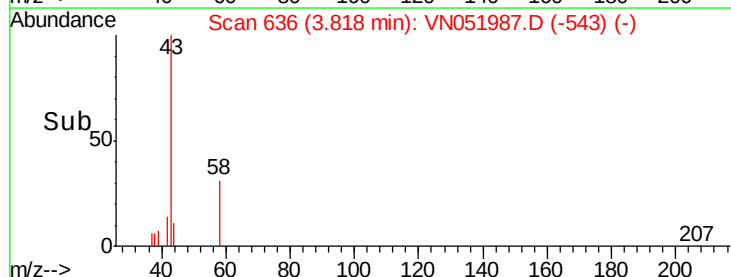
9.95 10.00 10.05 10.10

10.15 10.20 10.25 10.30

10.35 10.40 10.45 10.50

10.55 10.60 10.65 10.70

10.75 10.80 10.85 10.90



Time-->

3.75 3.80 3.85 3.90

3.95 4.00 4.05 4.10

4.15 4.20 4.25 4.30

4.35 4.40 4.45 4.50

4.55 4.60 4.65 4.70

4.75 4.80 4.85 4.90

4.95 5.00 5.05 5.10

5.15 5.20 5.25 5.30

5.35 5.40 5.45 5.50

5.55 5.60 5.65 5.70

5.75 5.80 5.85 5.90

5.95 6.00 6.05 6.10

6.15 6.20 6.25 6.30

6.35 6.40 6.45 6.50

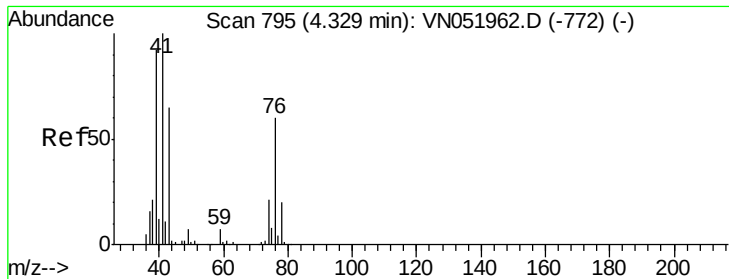
6.55 6.60 6.65 6.70

6.75 6.80 6.85 6.90

6.95 7.00 7.05 7.10

7.15 7.20 7.25 7.30

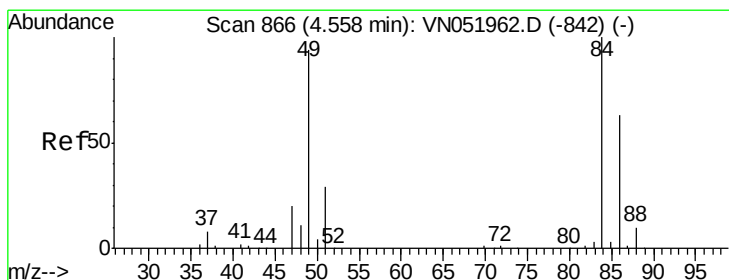
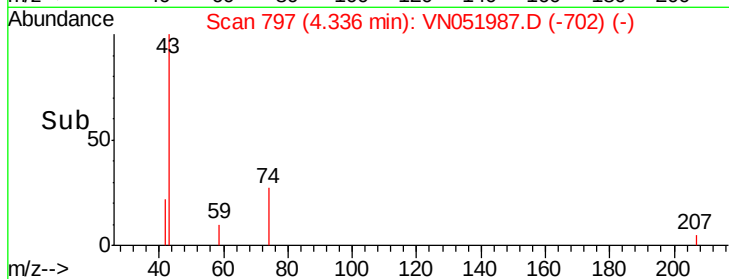
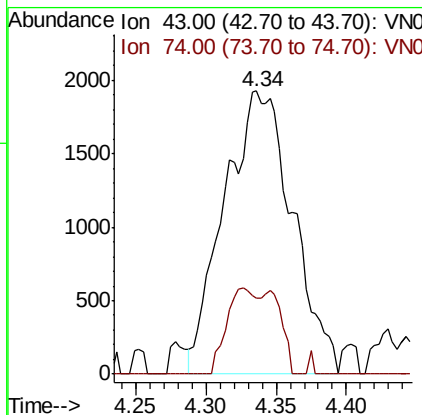
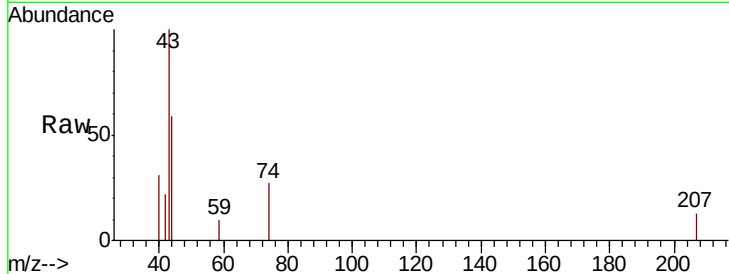
7.35 7.40 7.45 7.50



#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN051987.D
Acq: 24 Oct 2018 14:54

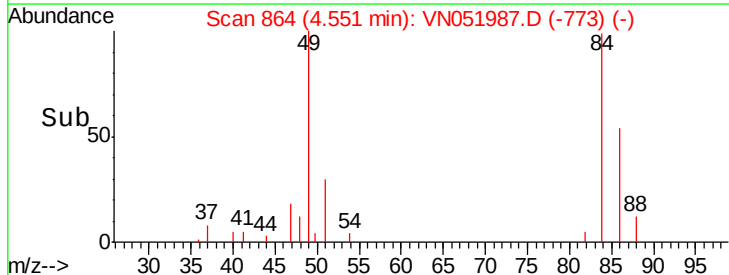
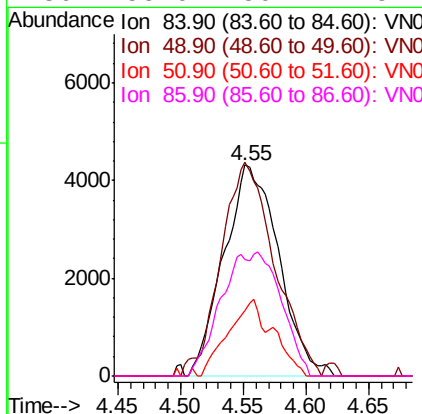
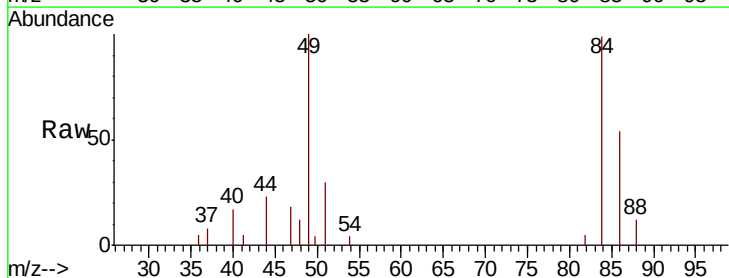
Instrument :
MSVOA_N
ClientSampleId :

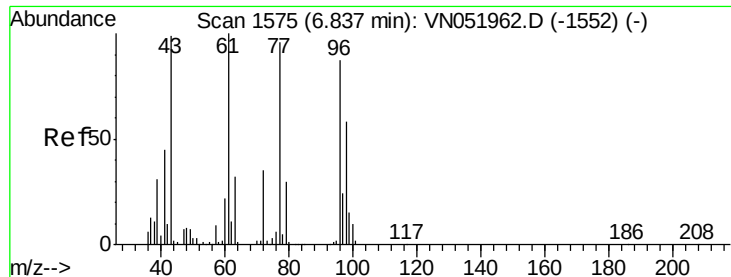
Tot Ion: 43 Resp: 6503
Ion Ratio Lower Upper
43 100
74 13.0 25.7 38.5#



#20
Methylene Chloride
Concen: 1.406 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.01 min
Lab File: VN051987.D
Acq: 24 Oct 2018 14:54

Tgt Ion: 84 Resp: 13109
Ion Ratio Lower Upper
84 100
49 97.6 75.4 113.0
51 30.7 23.1 34.7
86 55.0 50.2 75.4





#25

2-Butanone

Concen: 1.125 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VN051987.D

Acq: 24 Oct 2018 14:54

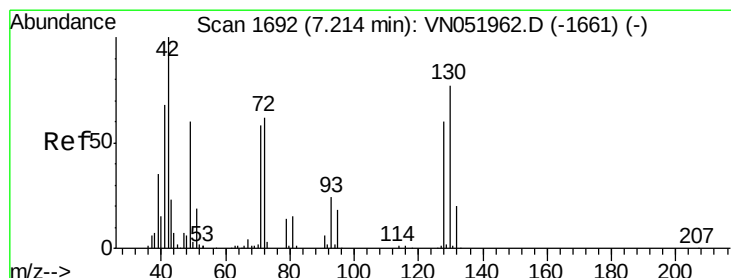
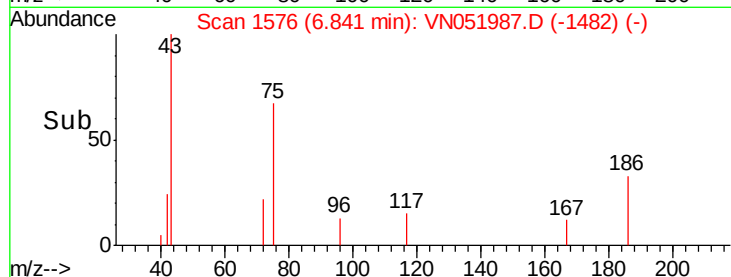
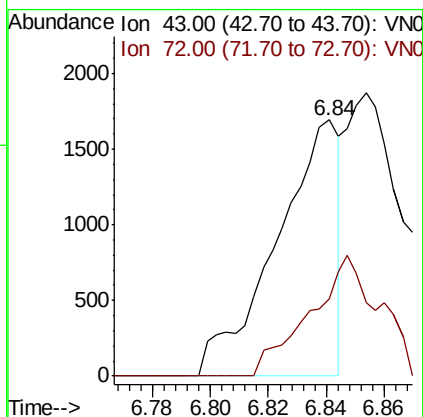
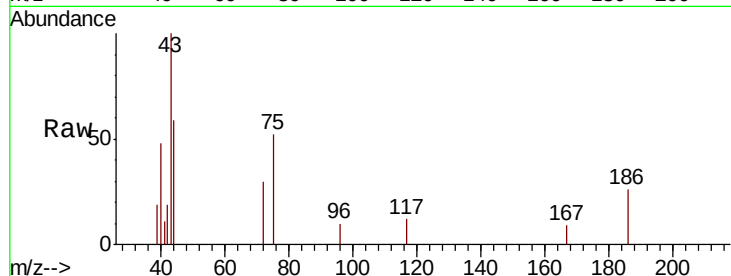
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 2549

Ion Ratio Lower Upper

43 100

72 29.9 28.5 42.7



#29

Tetrahydrofuran

Concen: 0.326 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN051987.D

Acq: 24 Oct 2018 14:54

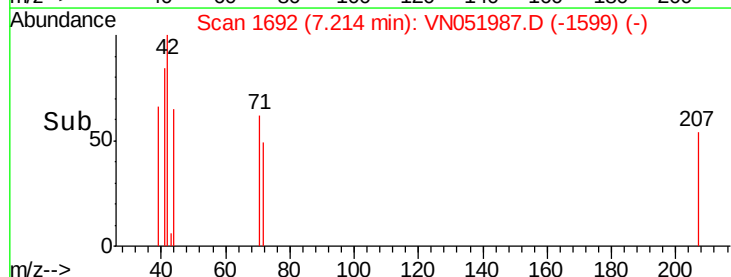
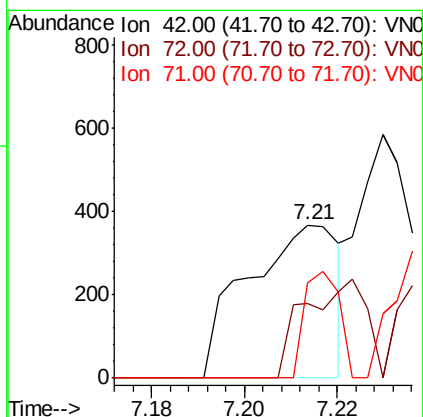
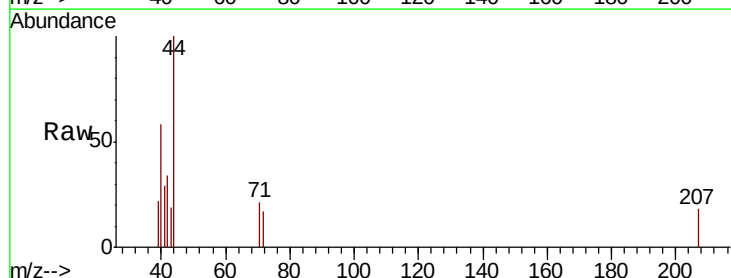
Tgt Ion: 42 Resp: 501

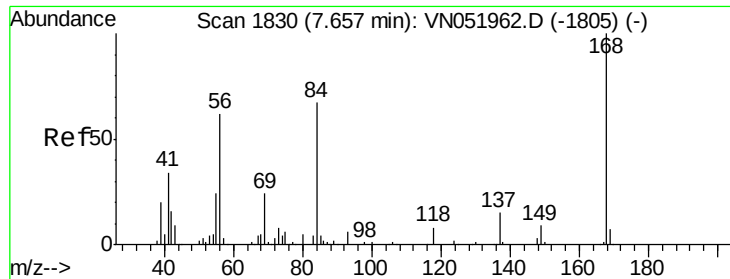
Ion Ratio Lower Upper

42 100

72 43.5 47.5 71.3#

71 26.7 45.4 68.2#

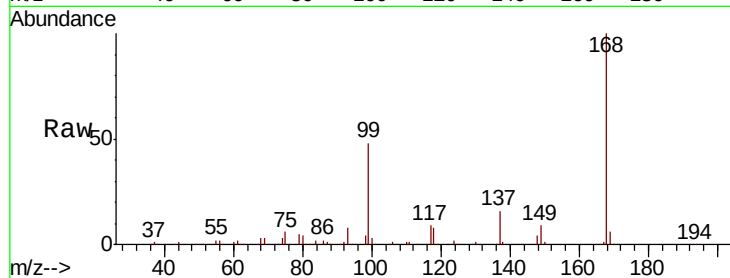




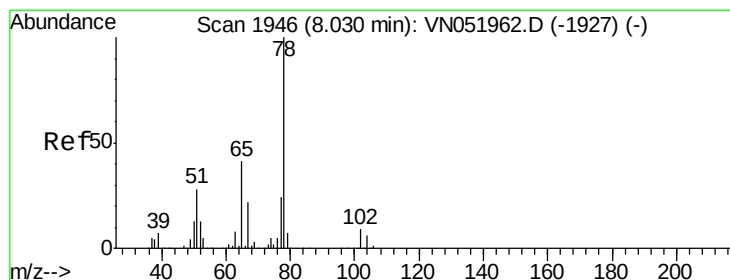
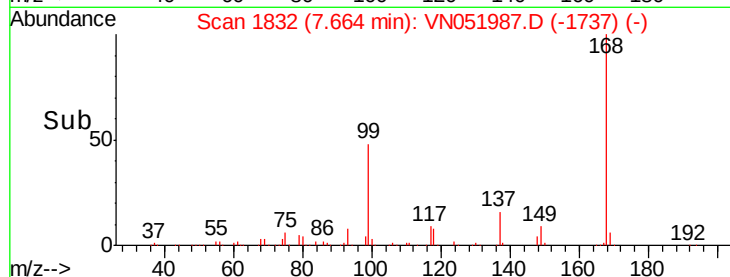
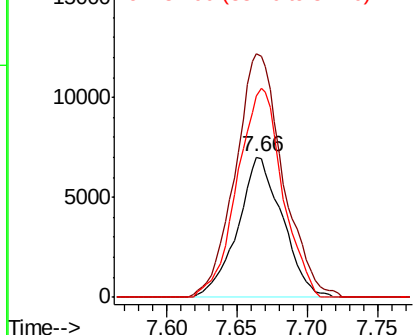
#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN051987.D
Acq: 24 Oct 2018 14:54

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 15585
Ion Ratio Lower Upper
56 100
69 173.6 31.2 46.8#
84 143.8 86.3 129.5#

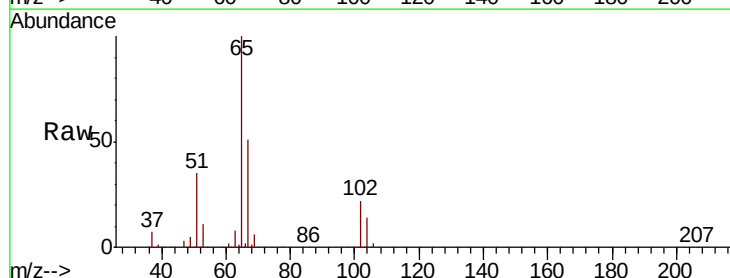


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

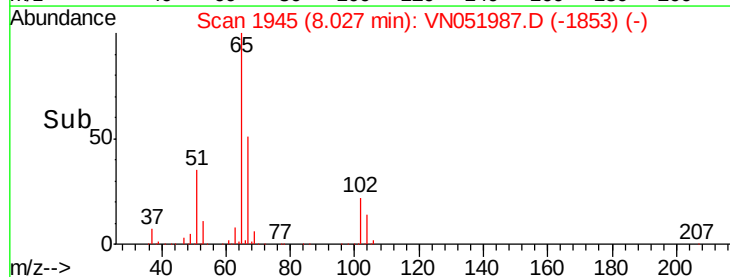
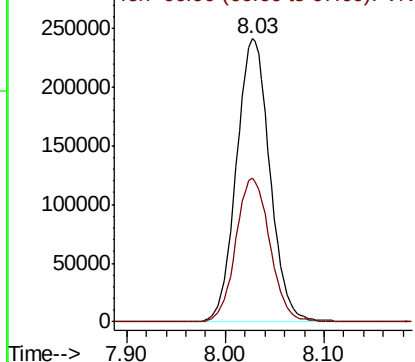


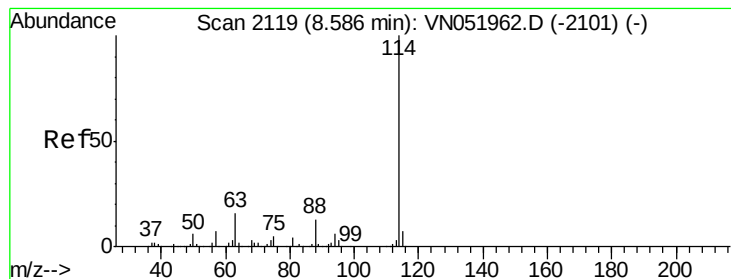
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN051987.D
Acq: 24 Oct 2018 14:54

Tgt Ion: 65 Resp: 565536
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.8



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: VN051987.D

Acq: 24 Oct 2018 14:54

Instrument :

MSVOA_N

ClientSampled :

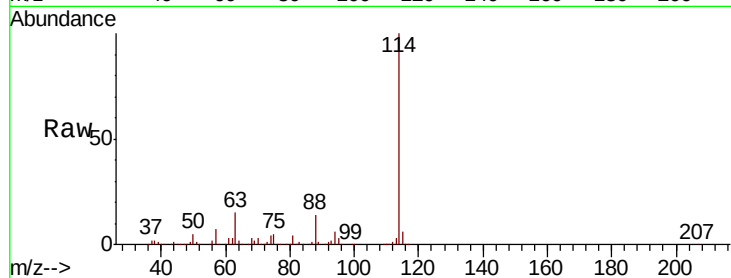
Tot Ion:114 Resp: 1586928

Ion Ratio Lower Upper

114 100

63 15.3 0.0 31.2

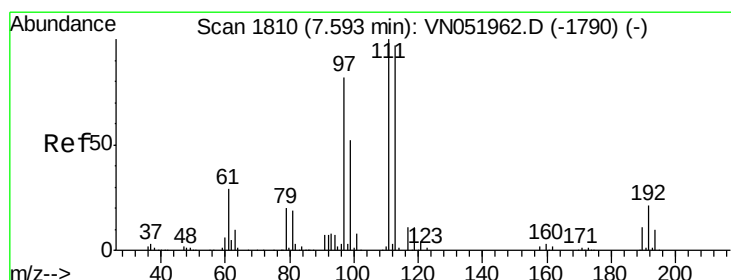
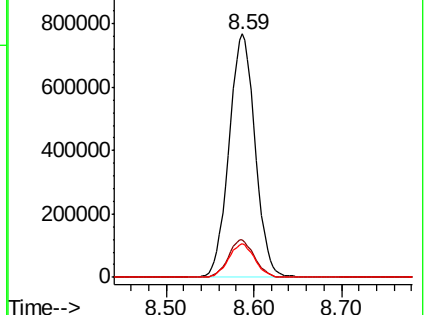
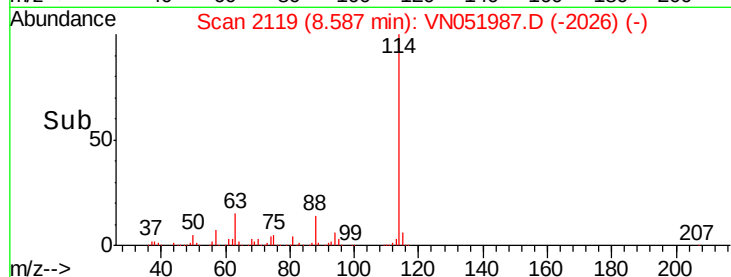
88 13.8 0.0 27.0



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: VN051987.D

Acq: 24 Oct 2018 14:54

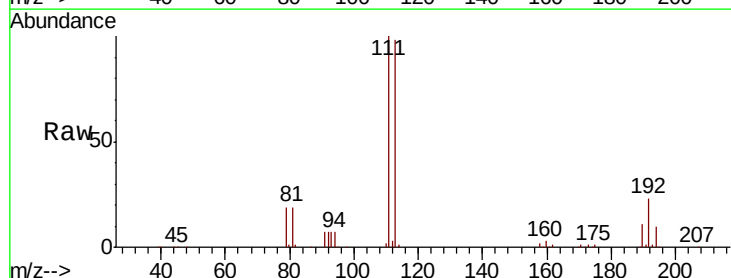
Tgt Ion:113 Resp: 586523

Ion Ratio Lower Upper

113 100

111 102.7 80.7 121.1

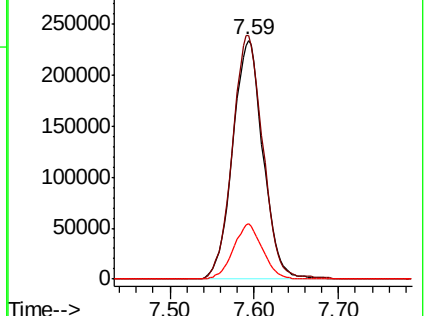
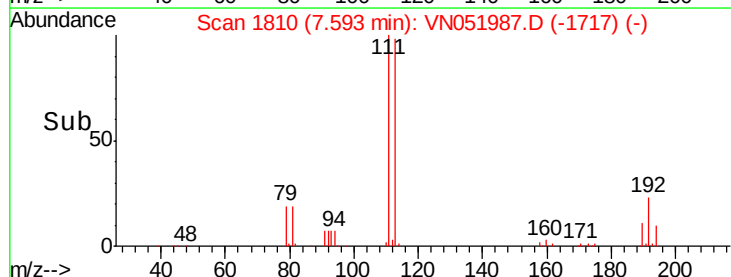
192 22.3 17.2 25.8

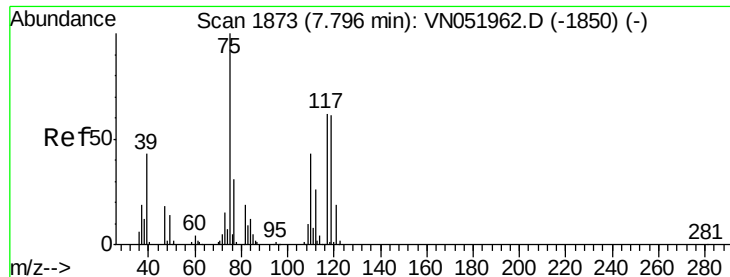


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.450 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN051987.D

Acq: 24 Oct 2018 14:54

Instrument :

MSVOA_N

ClientSampled :

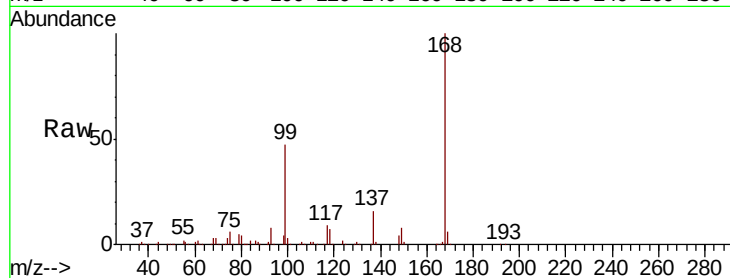
Tot Ion: 75 Resp: 66342

Ion Ratio Lower Upper

75 100

110 9.7 20.9 62.8#

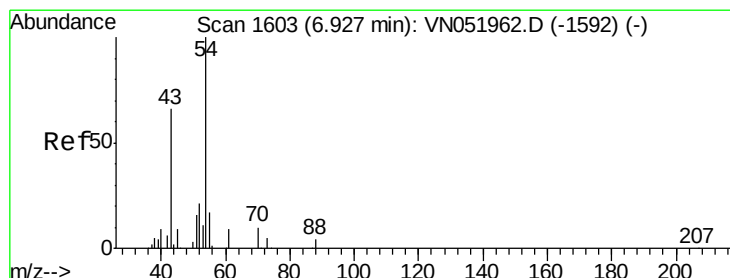
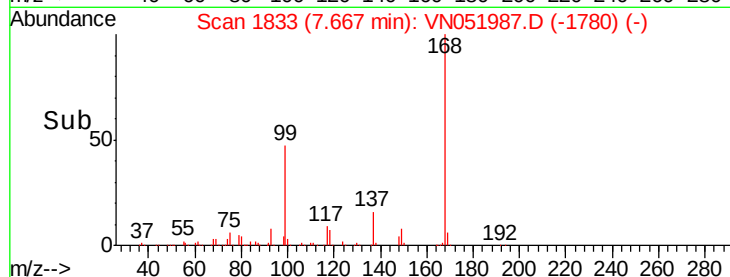
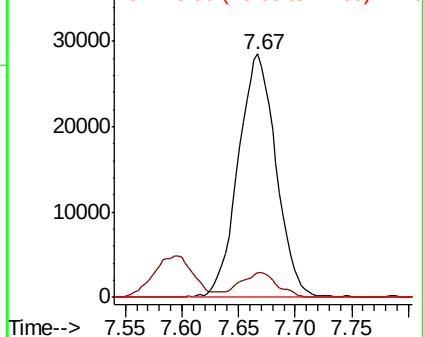
77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VN051962.D (-1850) (-)

Ion 109.90 (109.60 to 110.60): VN051962.D (-1850) (-)

Ion 76.90 (76.60 to 77.60): VN051962.D (-1850) (-)



#37

Ethyl Acetate

Concen: Below Cal

RT: 6.95 min Scan# 1610

Delta R.T. 0.02 min

Lab File: VN051987.D

Acq: 24 Oct 2018 14:54

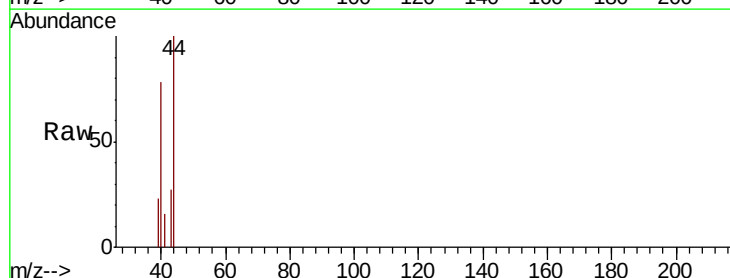
Tgt Ion: 43 Resp: 174

Ion Ratio Lower Upper

43 100

61 0.0 13.5 20.3#

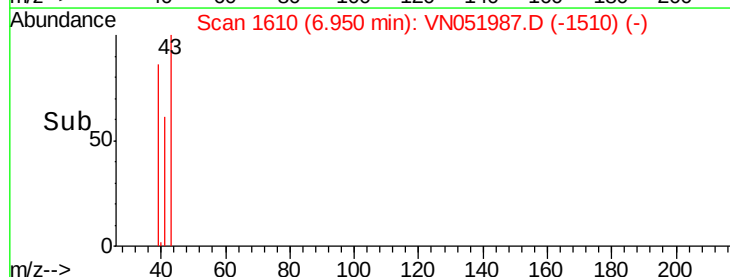
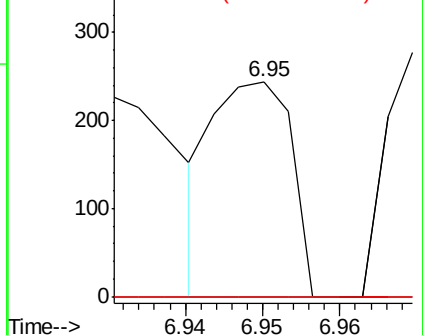
70 0.0 9.8 14.6#

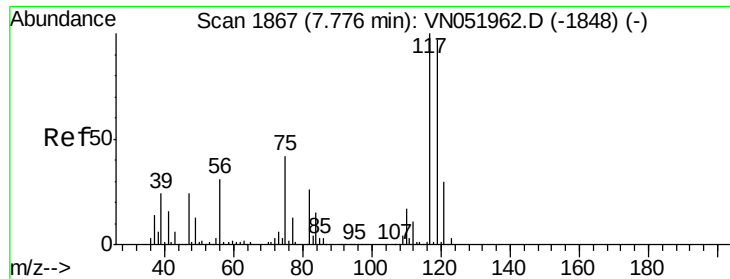


Abundance Ion 43.00 (42.70 to 43.70): VN051962.D (-1592) (-)

Ion 60.90 (60.60 to 61.60): VN051962.D (-1592) (-)

Ion 70.00 (69.70 to 70.70): VN051962.D (-1592) (-)

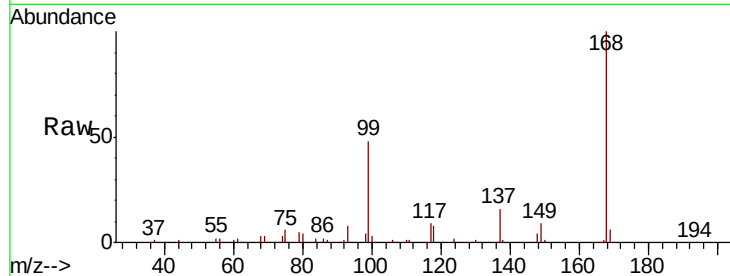




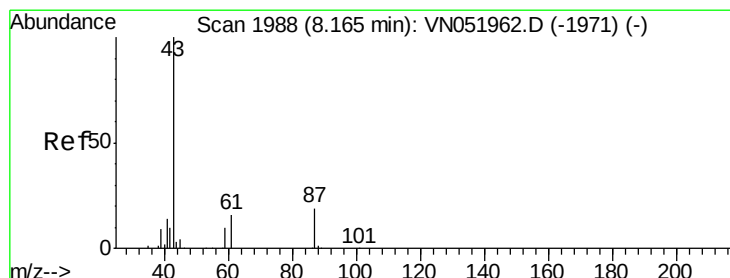
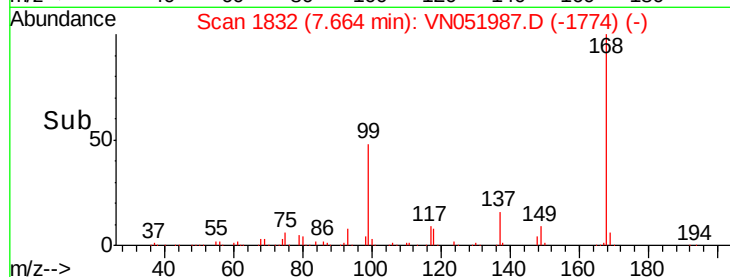
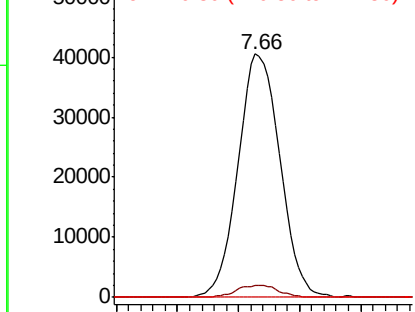
#38
Carbon Tetrachloride
Concen: 6.894 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN051987.D
Acq: 24 Oct 2018 14:54

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 96346
Ion Ratio Lower Upper
117 100
119 4.9 77.4 116.0#
121 0.0 24.2 36.4#

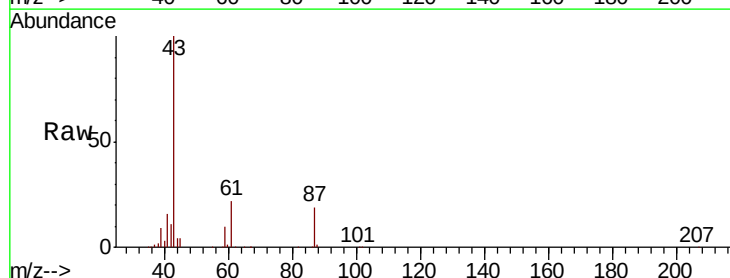


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

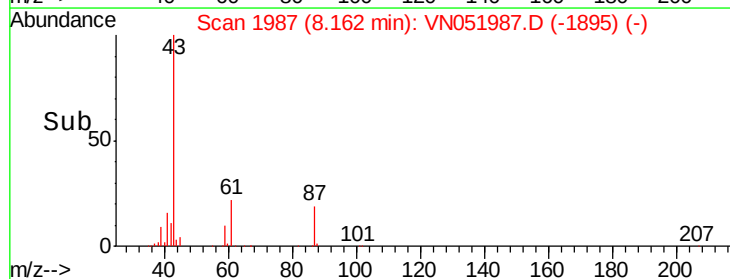
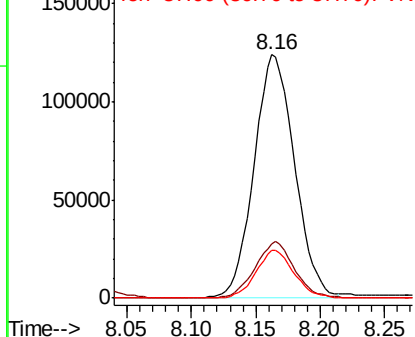


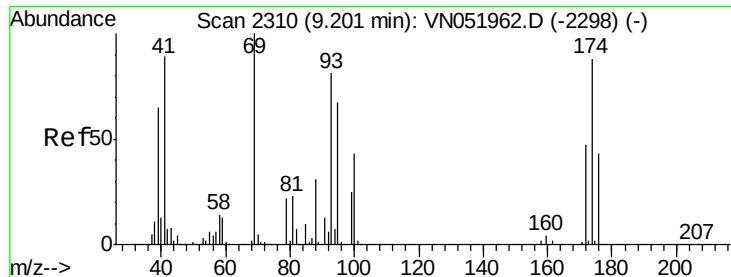
#43
Isopropyl Acetate
Concen: 26.695 ug/l
RT: 8.16 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VN051987.D
Acq: 24 Oct 2018 14:54

Tgt Ion: 43 Resp: 272149
Ion Ratio Lower Upper
43 100
61 22.4 17.2 25.8
87 18.5 15.2 22.8



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

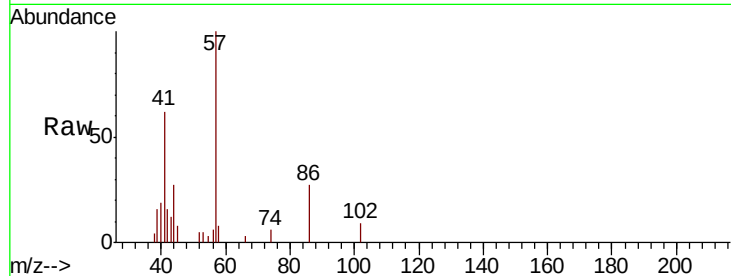




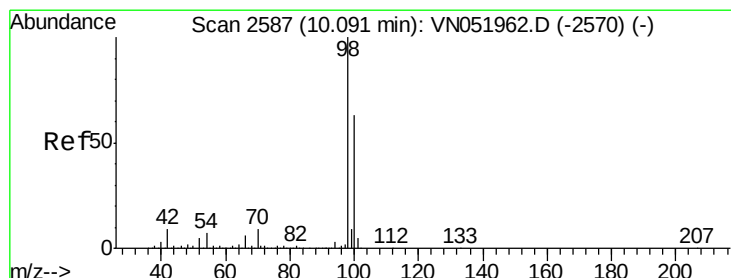
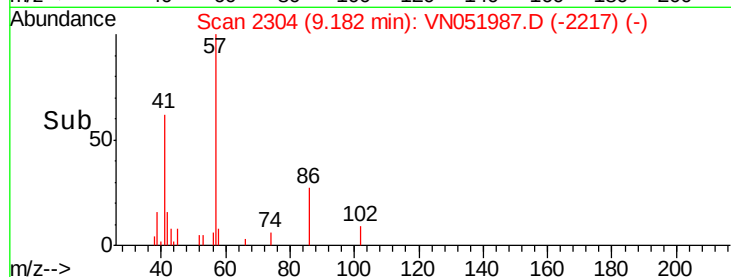
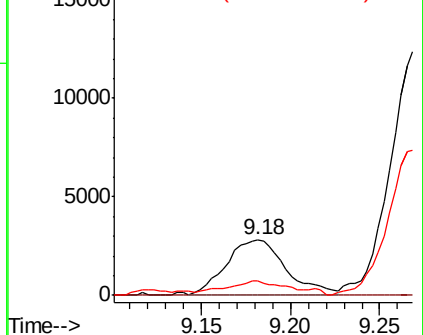
#48
Methvl methacrylate
Concen: 1.337 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN051987.D
Acq: 24 Oct 2018 14:54

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 6586
Ion Ratio Lower Upper
41 100
69 0.0 92.2 138.4#
39 15.7 60.2 90.4#

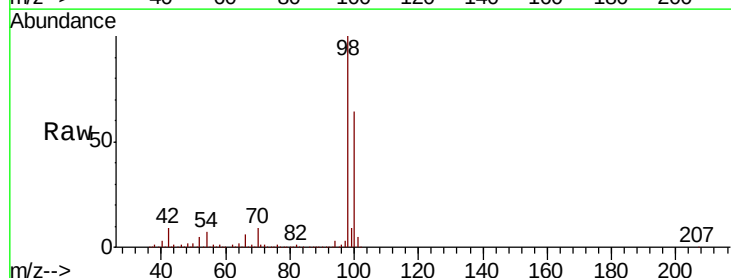


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

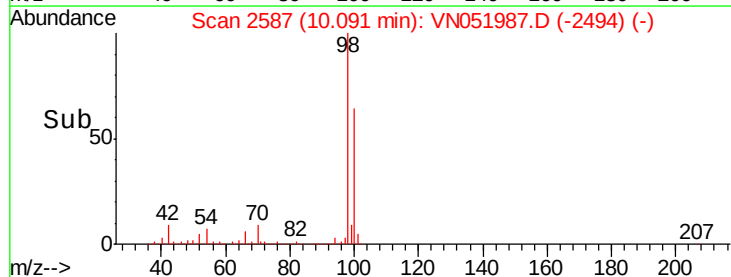
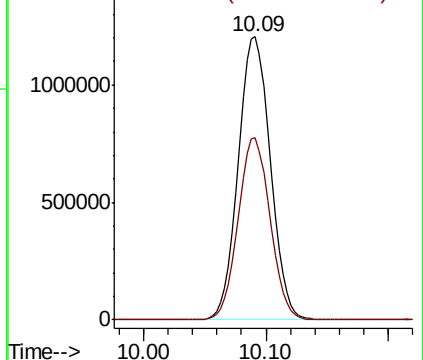


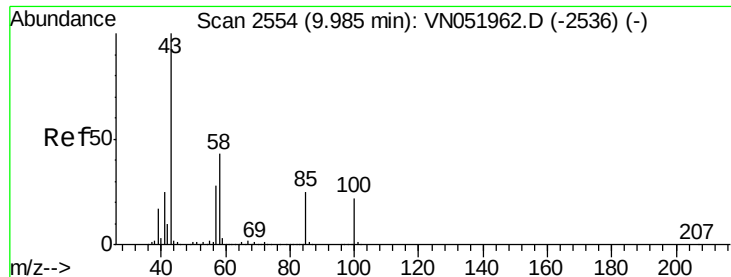
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051987.D
Acq: 24 Oct 2018 14:54

Tgt Ion: 98 Resp: 2189919
Ion Ratio Lower Upper
98 100
100 64.0 50.7 76.1



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





#51

4-Methyl-2-Pentanone

Concen: 0.363 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN051987.D

Acq: 24 Oct 2018 14:54

Instrument :

MSVOA_N

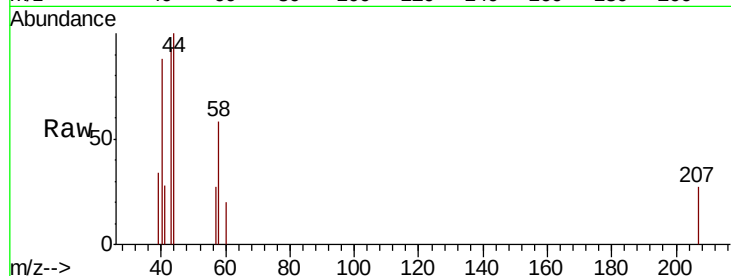
ClientSampled :

Tot Ion: 43 Resp: 2036

Ion Ratio Lower Upper

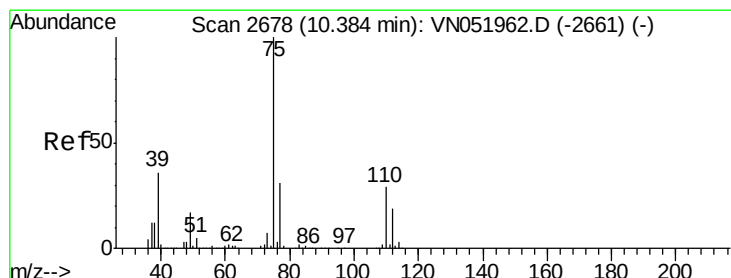
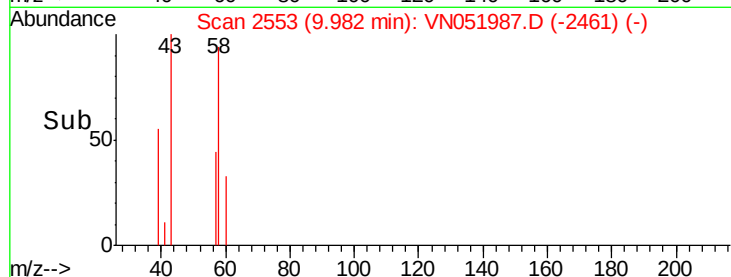
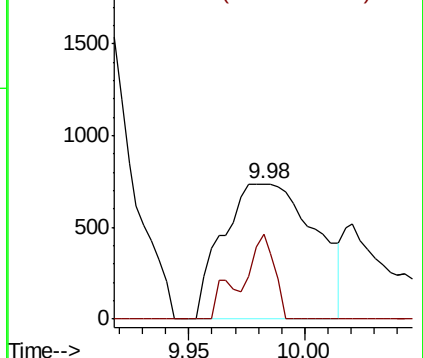
43 100

58 0.0 34.8 52.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#53

t-1,3-Dichloropropene

Concen: 1.249 ug/l

RT: 10.39 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN051987.D

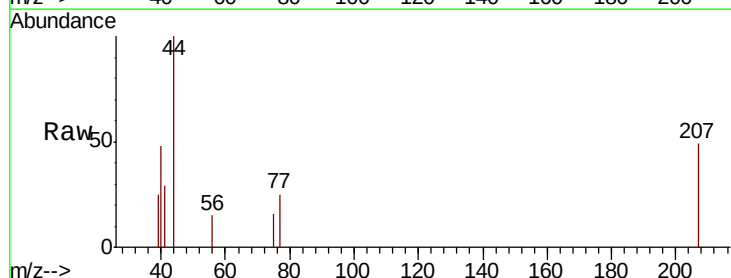
Acq: 24 Oct 2018 14:54

Tgt Ion: 75 Resp: 62

Ion Ratio Lower Upper

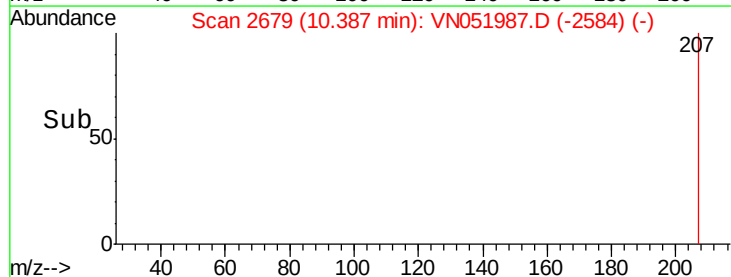
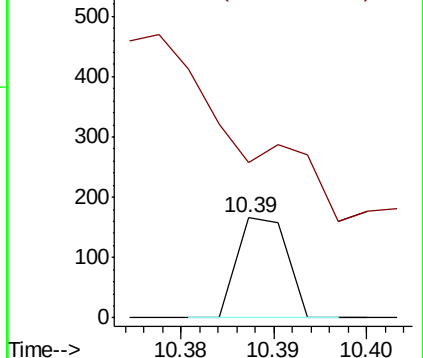
75 100

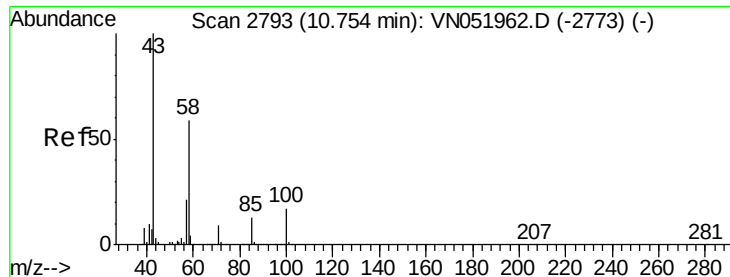
77 59.6 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0





#59

2-Hexanone

Concen: 5.511 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN051987.D

Acq: 24 Oct 2018 14:54

Instrument :

MSVOA_N

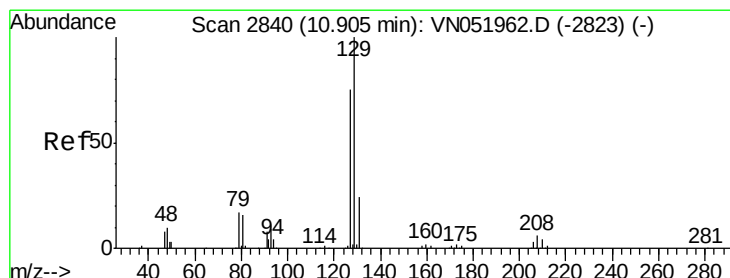
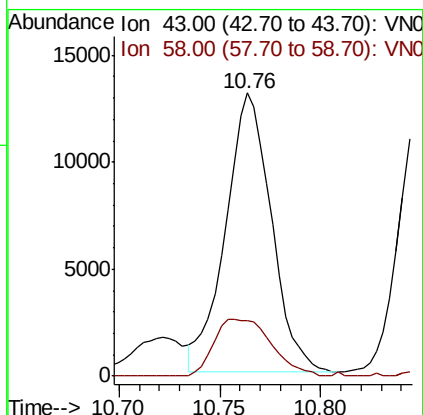
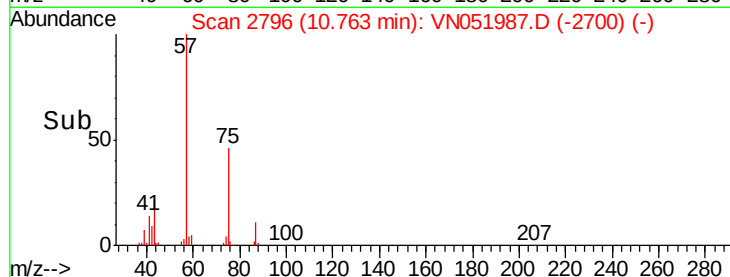
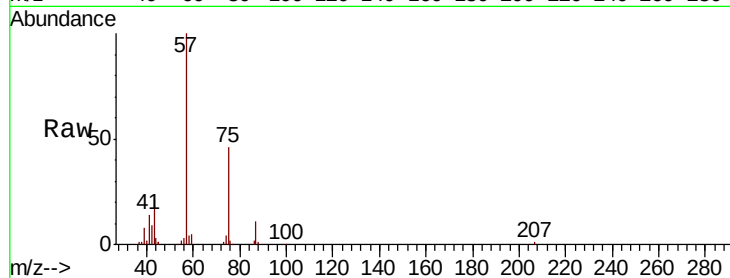
ClientSampled :

Tot Ion: 43 Resp: 20766

Ion Ratio Lower Upper

43 100

58 25.5 29.9 89.8#



#60

Dibromochloromethane

Concen: 1.983 ug/l

RT: 10.62 min Scan# 2751

Delta R.T. -0.29 min

Lab File: VN051987.D

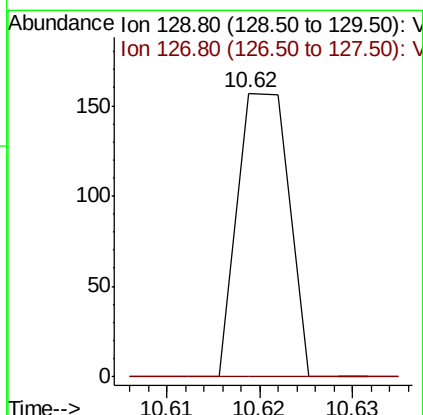
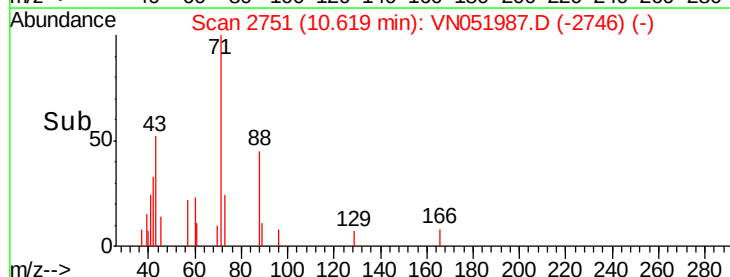
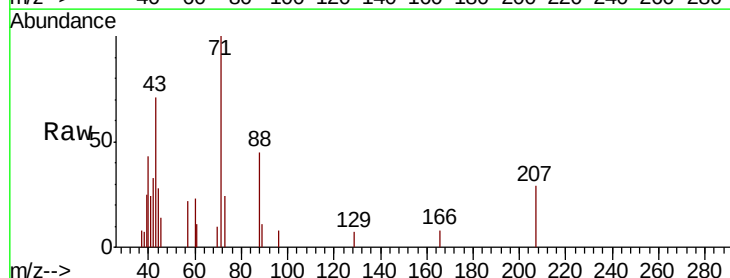
Acq: 24 Oct 2018 14:54

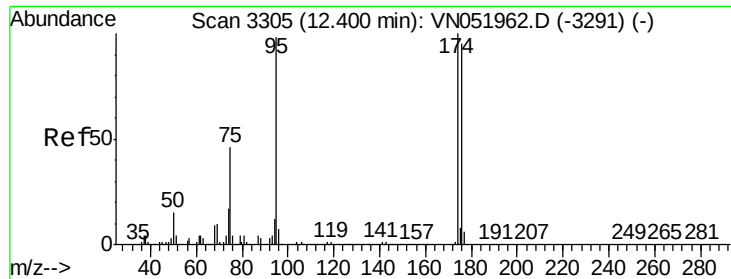
Tgt Ion: 129 Resp: 60

Ion Ratio Lower Upper

129 100

127 0.0 38.0 114.0#

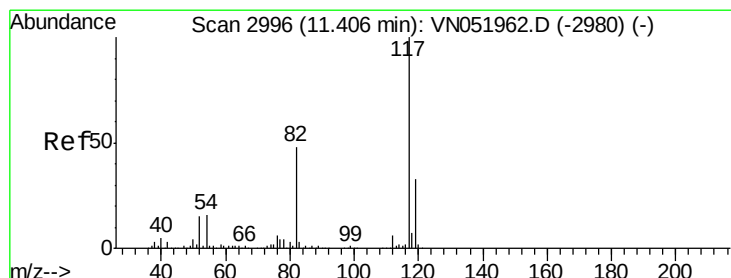
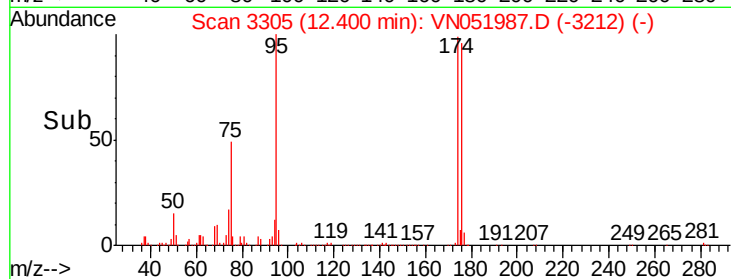
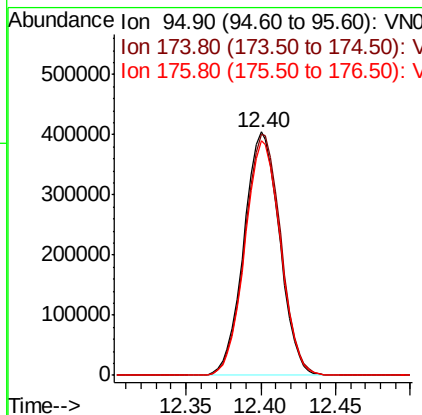
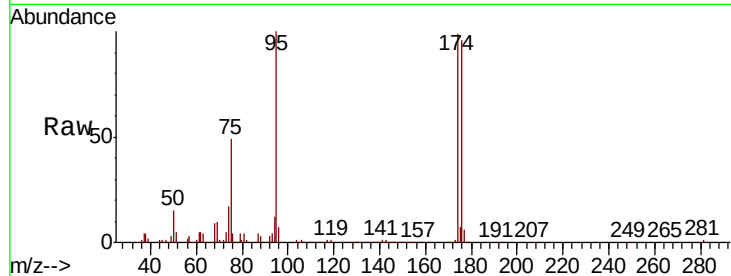




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN051987.D
Acq: 24 Oct 2018 14:54

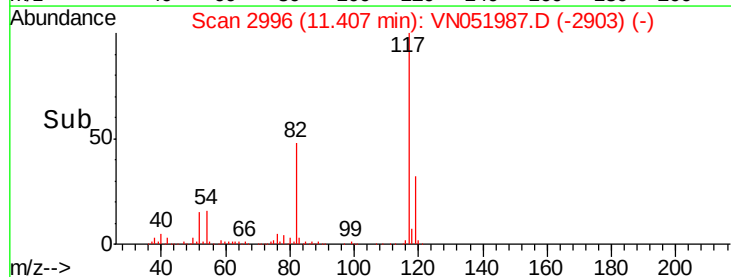
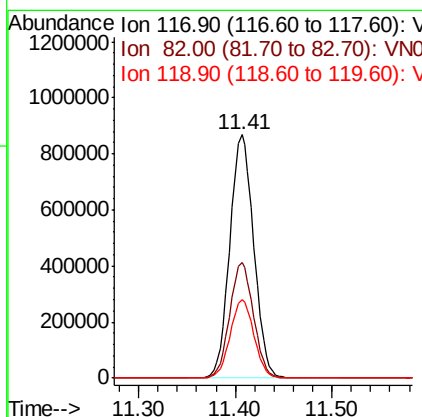
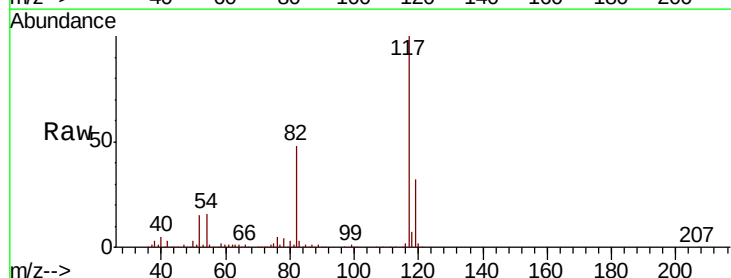
Instrument :
MSVOA_N
ClientSampled :

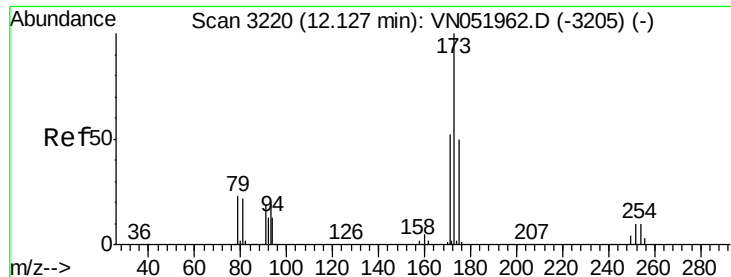
Tot Ion: 95 Resp: 671248
Ion Ratio Lower Upper
95 100
174 100.3 0.0 206.0
176 96.3 0.0 198.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051987.D
Acq: 24 Oct 2018 14:54

Tgt Ion: 117 Resp: 1489817
Ion Ratio Lower Upper
117 100
82 47.5 38.1 57.1
119 32.4 26.4 39.6





#71

Bromoform

Concen: 4.397 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN051987.D

Acq: 24 Oct 2018 14:54

Instrument :

MSVOA_N

ClientSampleId :

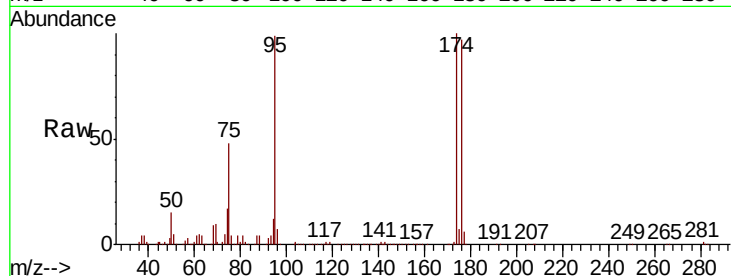
Tot Ion:173 Resp: 6086

Ion Ratio Lower Upper

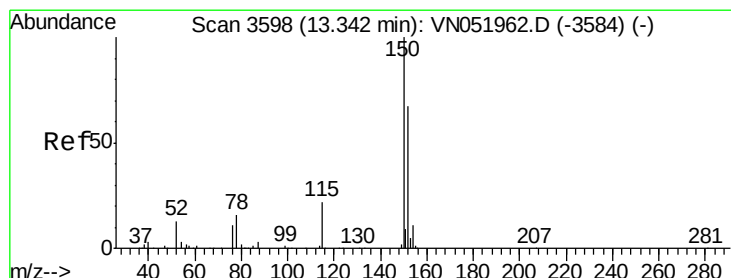
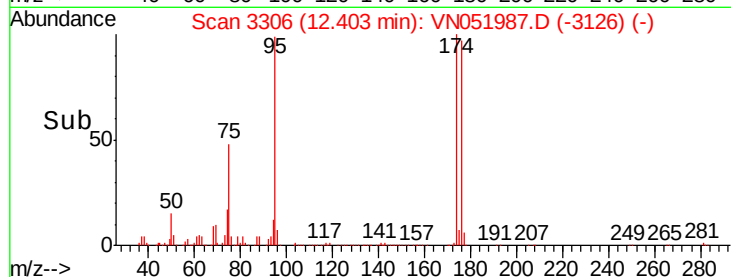
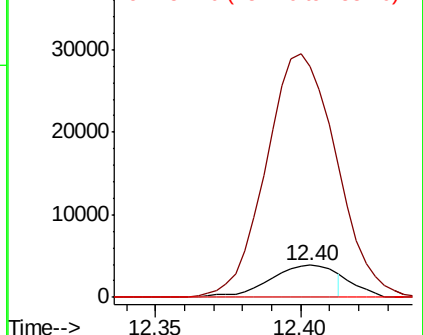
173 100

175 730.8 24.6 74.0#

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN051987.D

Acq: 24 Oct 2018 14:54

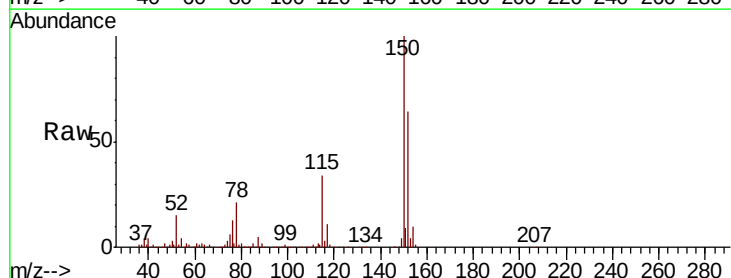
Tgt Ion:152 Resp: 660155

Ion Ratio Lower Upper

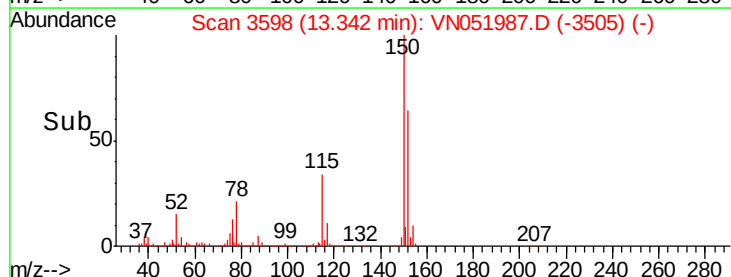
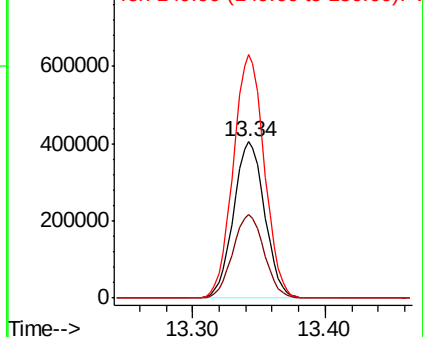
152 100

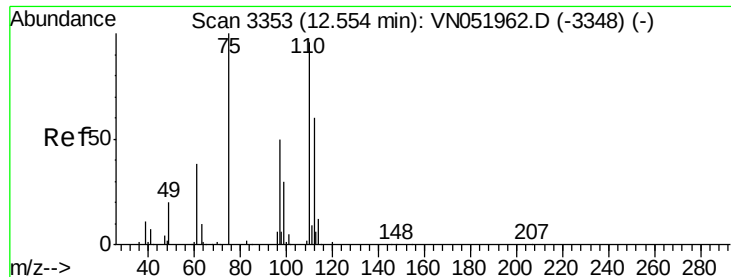
115 53.9 25.8 77.3

150 155.3 0.0 344.4



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: 48.507 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN051987.D

Acq: 24 Oct 2018 14:54

Instrument :

MSVOA_N

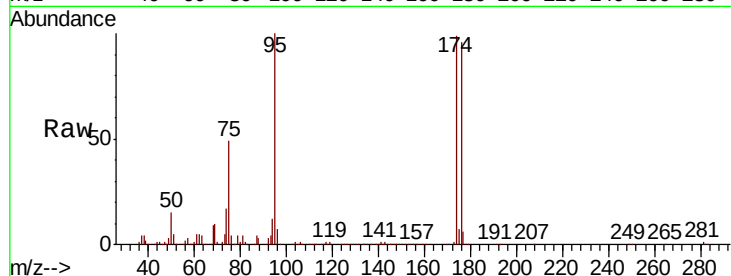
ClientSampled :

Tot Ion: 75 Resp: 330774

Ion Ratio Lower Upper

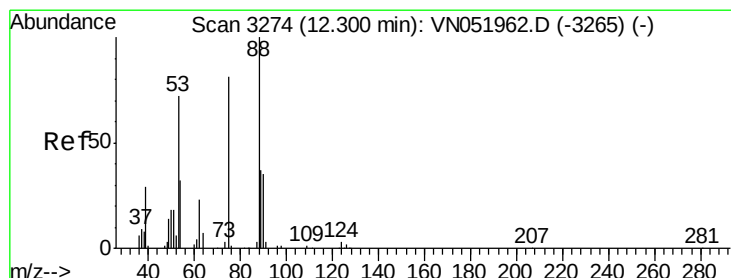
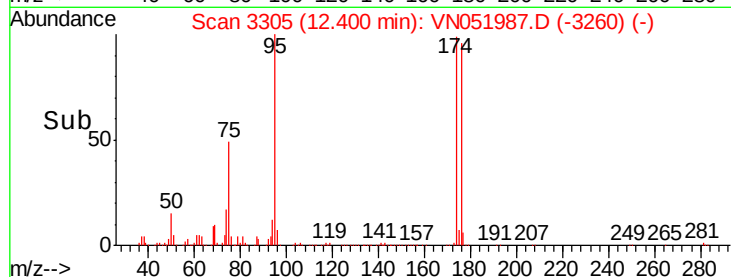
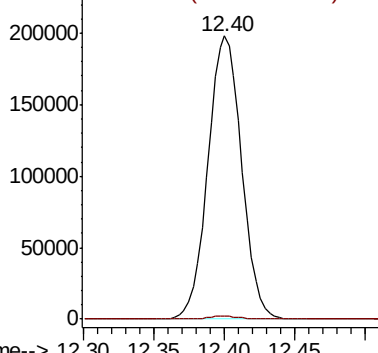
75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 152.529 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN051987.D

Acq: 24 Oct 2018 14:54

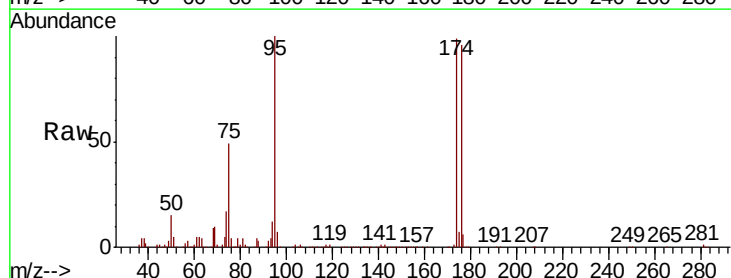
Tgt Ion: 75 Resp: 330774

Ion Ratio Lower Upper

75 100

53 0.0 73.5 110.3#

89 0.0 41.6 62.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

