

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091718\
 Data File : VN051283.D
 Acq On : 17 Sep 2018 20:41
 Operator : MD\SY
 Sample : J4775-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 19 09:31:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 18 06:04:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	442530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	691547	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	567549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	183264	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	243115	50.55	ug/l	0.00
Spiked Amount			Recovery	=	101.10%	
35) Dibromofluoromethane	7.59	113	256871	47.80	ug/l	0.00
Spiked Amount			Recovery	=	95.60%	
50) Toluene-d8	10.09	98	888765	44.74	ug/l	0.00
Spiked Amount			Recovery	=	89.48%	
62) 4-Bromofluorobenzene	12.40	95	234554	37.12	ug/l	0.00
Spiked Amount			Recovery	=	74.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2186	Below Cal		98
5) Bromomethane	2.57	94	2053	1.12 ug/l		91
10) Methyl Iodide	3.96	142	570	6.21 ug/l #		43
11) Tert butyl alcohol	4.79	59	266	1.00 ug/l #		73
14) Allyl chloride	4.56	41	8642	1.31 ug/l #		26
16) Acetone	3.82	43	12316	1.58 ug/l		100
18) Methyl Acetate	4.34	43	9936	2.33 ug/l		97
20) Methylene Chloride	4.55	84	263633	50.08 ug/l		100
25) 2-Butanone	6.85	43	4751	3.08 ug/l		99
28) Bromochloromethane	7.37	49	1071	0.28 ug/l #		6
29) Tetrahydrofuran	7.22	42	322	0.34 ug/l #		38
30) Chloroform	7.38	83	16937	1.94 ug/l		99
31) Cyclohexane	7.67	56	6783	0.81 ug/l #		1
36) 1,1-Dichloropropene	7.66	75	27535	3.68 ug/l #		49
38) Carbon Tetrachloride	7.67	117	36505	4.68 ug/l #		17
43) Isopropyl Acetate	8.17	43	190872	28.66 ug/l		96
47) Bromodichloromethane	9.41	83	4300	0.59 ug/l #		94
48) Methyl methacrylate	9.18	41	5222	1.63 ug/l #		12
51) 4-Methyl-2-Pentanone	9.99	43	1111	0.32 ug/l		92
54) cis-1,3-Dichloropropene	9.90	75	1671	0.20 ug/l #		74
56) Ethyl methacrylate	10.27	69	104	2.08 ug/l #		1
59) 2-Hexanone	10.77	43	12858	5.68 ug/l #		61
70) Styrene	11.97	104	641	1.29 ug/l #		85
76) 1,2,3-Trichloropropane	12.40	75	109502	43.34 ug/l #		100
77) Bromobenzene	12.53	156	175	Below Cal #		1
80) 1,3,5-Trimethylbenzene	12.73	105	3812	0.31 ug/l		90
81) trans-1,4-Dichloro-2-buten	12.40	75	109502	132.71 ug/l #		15
83) tert-Butylbenzene	13.04	119	2445	0.22 ug/l #		76
84) 1,2,4-Trimethylbenzene	13.04	105	14850	1.24 ug/l		100
88) 1,4-Dichlorobenzene	13.36	146	305	0.46 ug/l #		1
89) n-Butylbenzene	13.62	91	701	2.09 ug/l #		69
90) Hexachloroethane	13.89	117	240	Below Cal #		1
91) 1,2-Dichlorobenzene	13.65	146	440	Below Cal #		74
93) 1,2,4-Trichlorobenzene	14.91	180	152	5.08 ug/l #		20

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Quant Time: Sep 19 09:31:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 18 06:04:06 2018
Response via : Initial Calibration

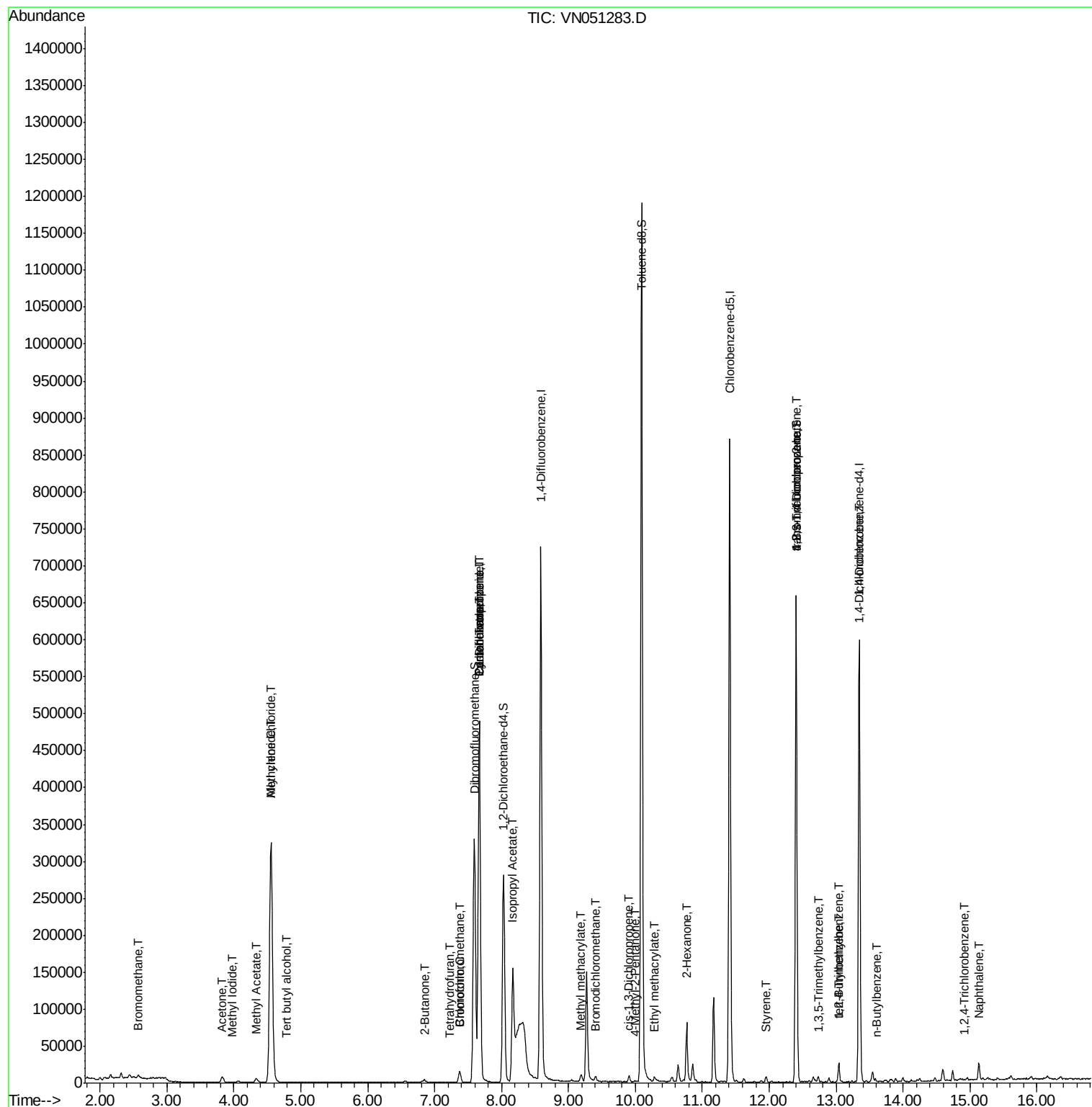
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.13	128	20541	9.08	ug/l	97

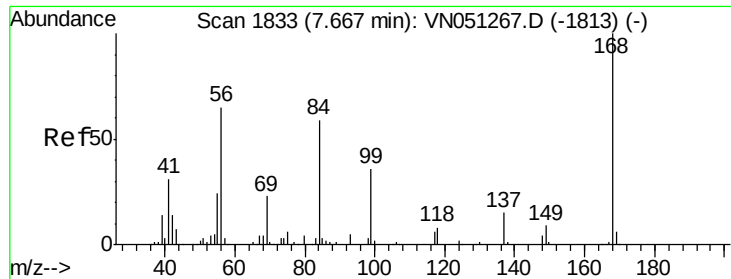
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091718\
Data File : VN051283.D
Acq On : 17 Sep 2018 20:41
Operator : MD\SY
Sample : J4775-08
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Sep 18 15:10:02 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 18 06:04:06 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051283.D

Acq: 17 Sep 2018 20:41

Instrument :

MSVOA_N

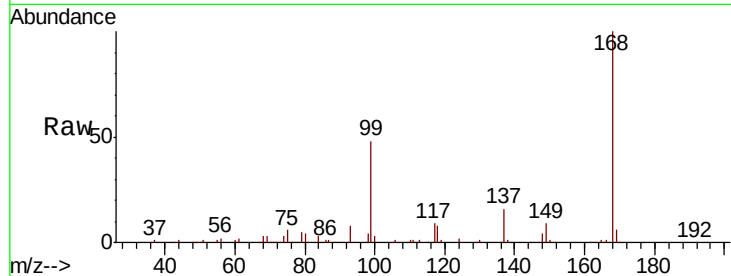
ClientSampled :

Tot Ion:168 Resp: 442530

Ion Ratio Lower Upper

168 100

99 48.2 38.2 57.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

200000

150000

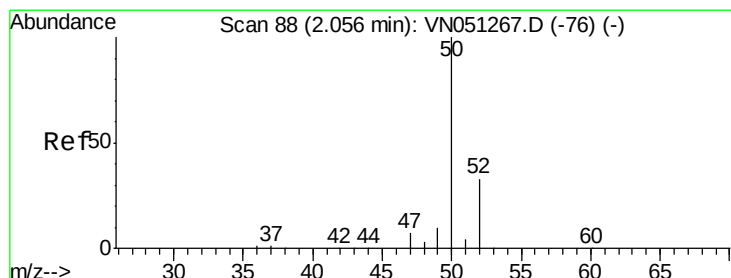
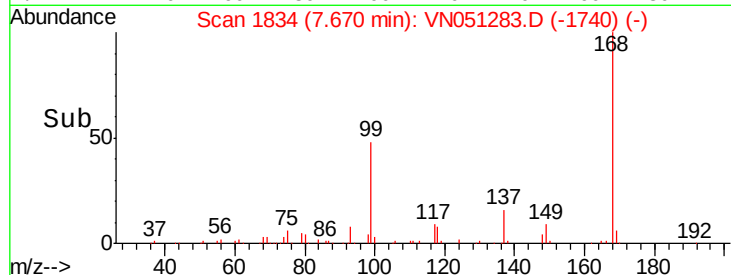
100000

50000

0

7.60 7.70 7.80

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051283.D

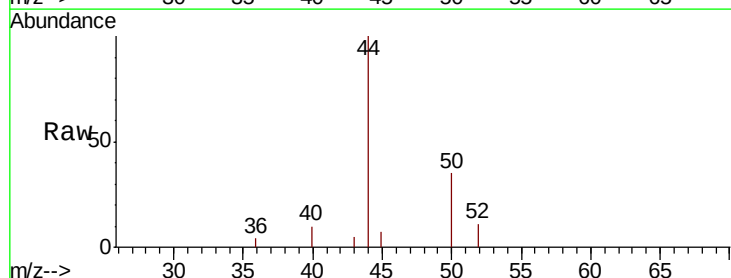
Acq: 17 Sep 2018 20:41

Tgt Ion: 50 Resp: 2186

Ion Ratio Lower Upper

50 100

52 32.0 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.06

1500

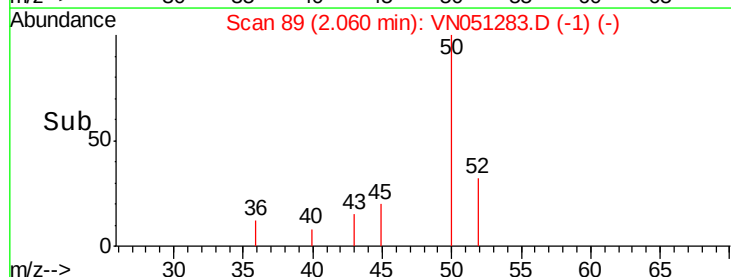
1000

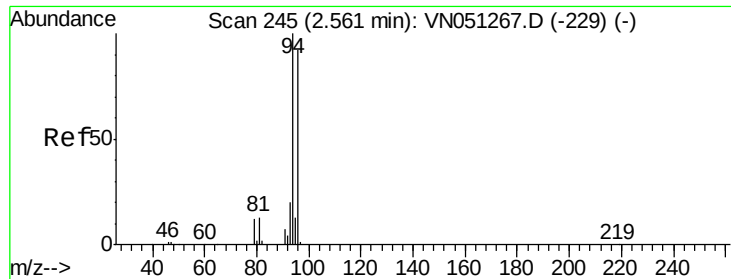
500

0

2.05 2.10

Time-->





#5

Bromomethane

Concen: 1.12 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN051283.D

Acq: 17 Sep 2018 20:41

Instrument :

MSVOA_N

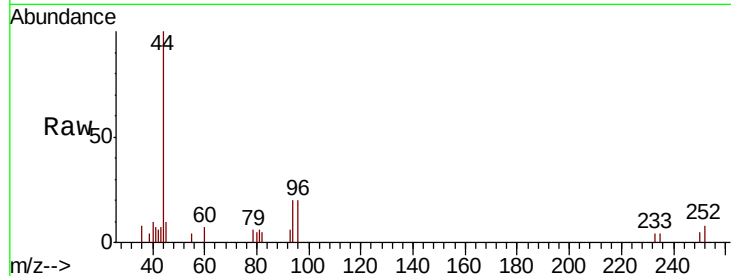
ClientSampled :

Tot Ion: 94 Resp: 2053

Ion Ratio Lower Upper

94 100

96 83.4 73.8 110.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

Time-->

2.55 2.60 2.65

2.57

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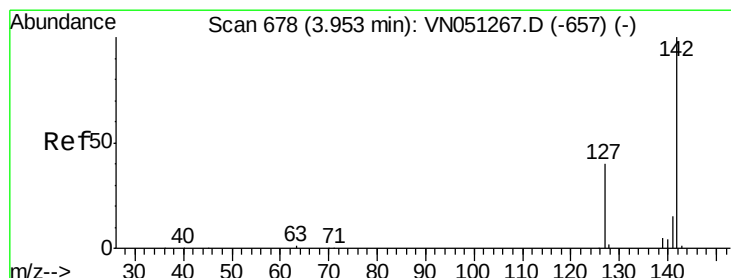
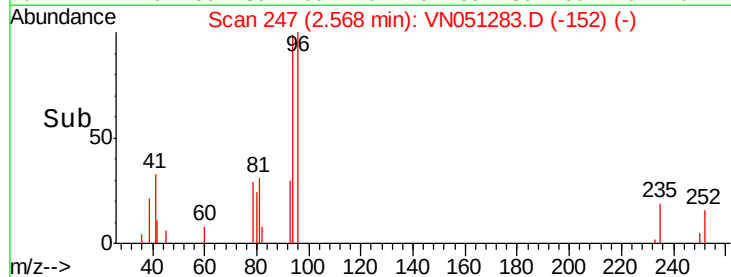
2.57

2.57

2.57

2.57

2.57



#10

Methyl Iodide

Concen: 6.21 ug/l

RT: 3.96 min Scan# 680

Delta R.T. 0.01 min

Lab File: VN051283.D

Acq: 17 Sep 2018 20:41

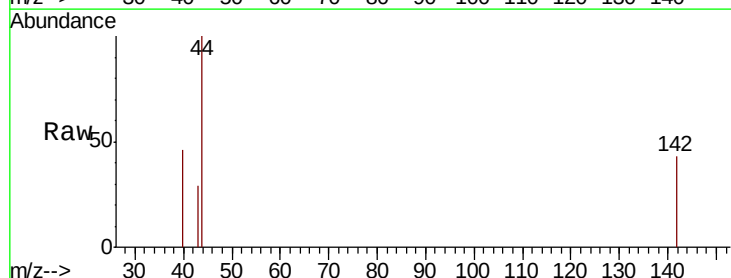
Tgt Ion: 142 Resp: 570

Ion Ratio Lower Upper

142 100

127 0.0 31.7 47.5#

141 0.0 11.6 17.4#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

Time-->

3.90 3.92 3.94 3.96 3.98

3.96

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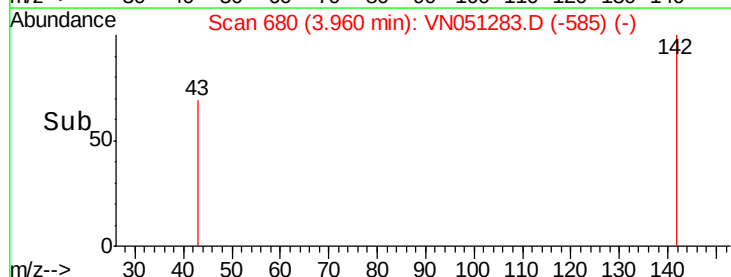
3.96

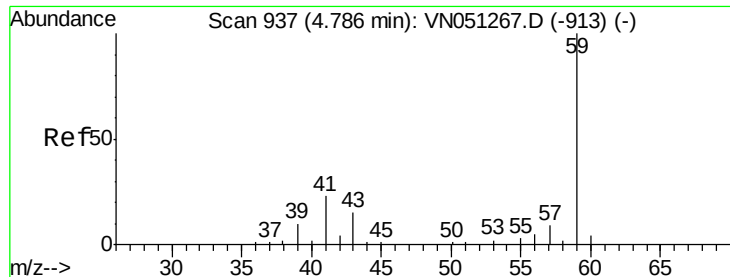
3.96

3.96

3.96

3.96

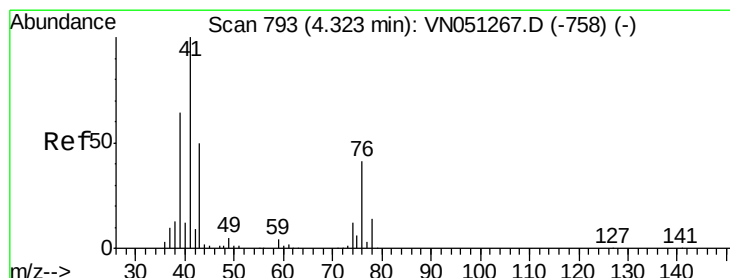
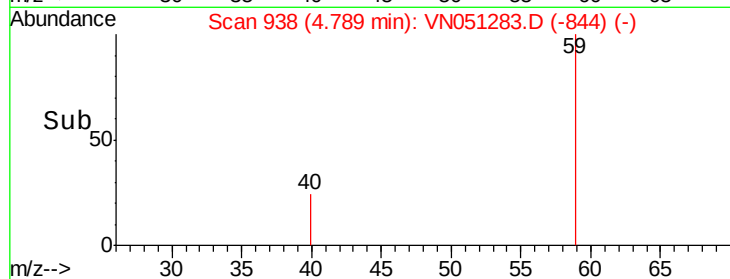
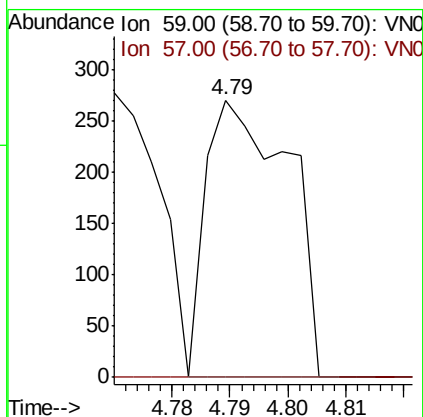
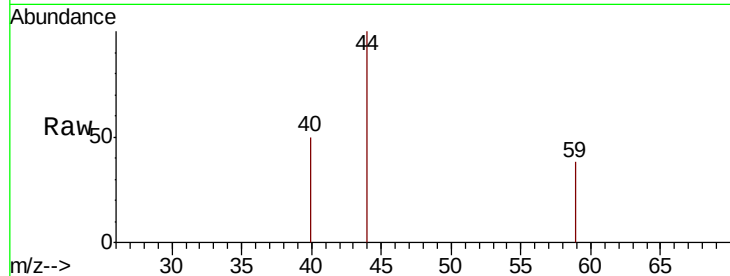




#11
Tert butyl alcohol
Concen: 1.00 ug/l
RT: 4.79 min Scan# 938
Delta R.T. 0.00 min
Lab File: VN051283.D
Acq: 17 Sep 2018 20:41

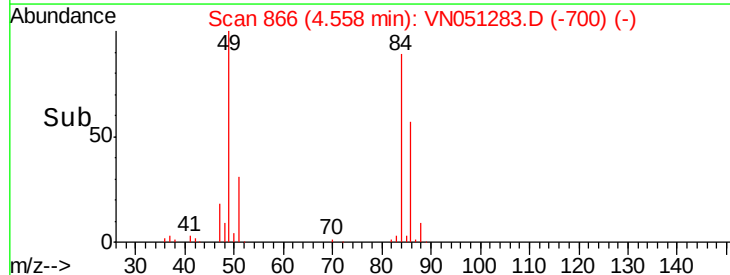
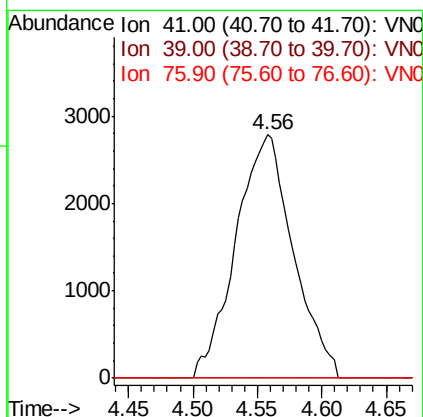
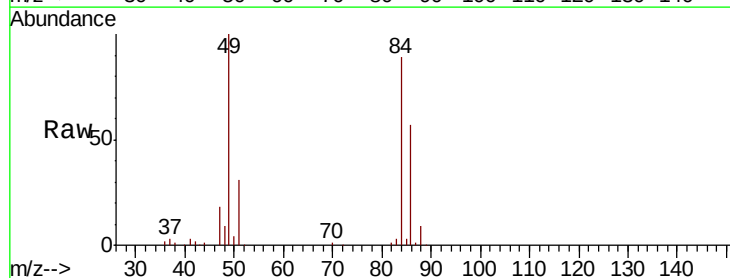
Instrument :
MSVOA_N
ClientSampleId :

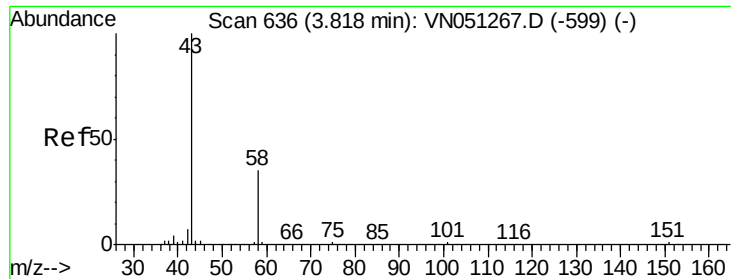
Tot Ion: 59 Resp: 266
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#



#14
Allyl chloride
Concen: 1.31 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.23 min
Lab File: VN051283.D
Acq: 17 Sep 2018 20:41

Tgt Ion: 41 Resp: 8642
Ion Ratio Lower Upper
41 100
39 0.0 49.0 73.4#
76 0.0 31.4 47.0#

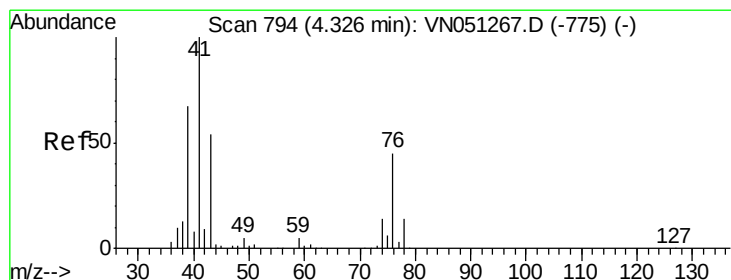
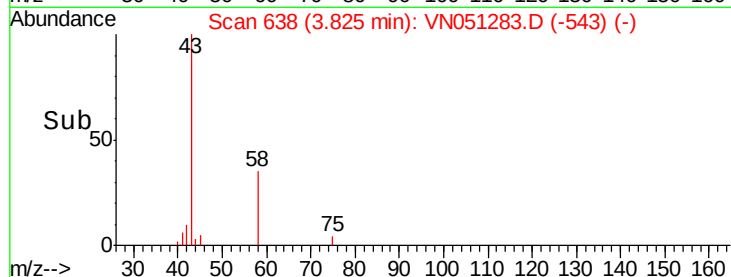
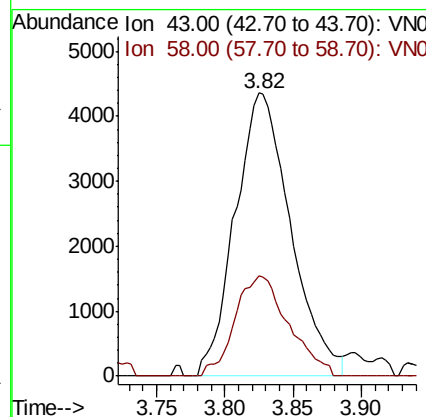
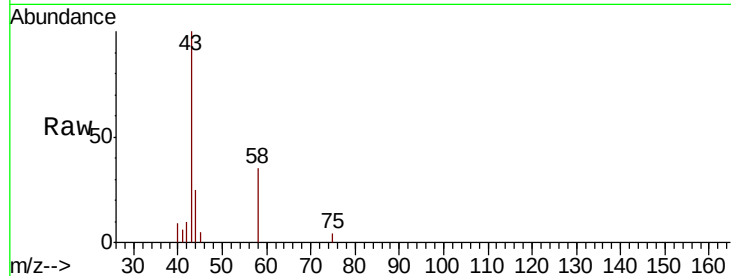




#16
Acetone
Concen: 1.58 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN051283.D
Acq: 17 Sep 2018 20:41

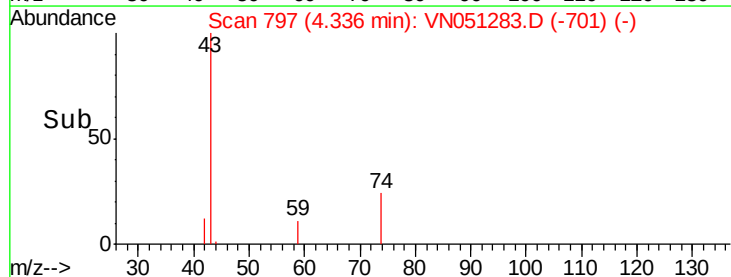
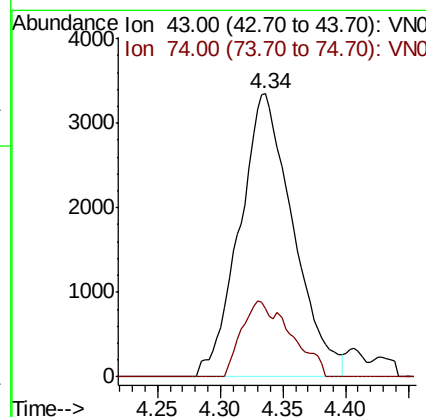
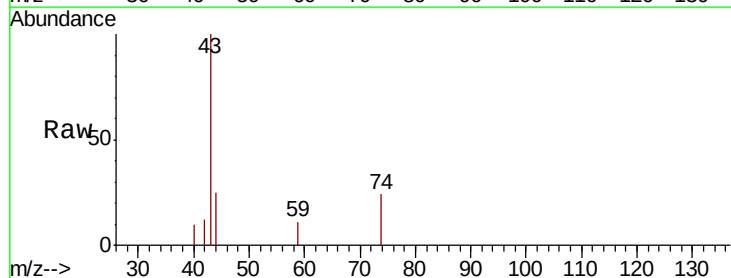
Instrument :
MSVOA_N
ClientSampleId :

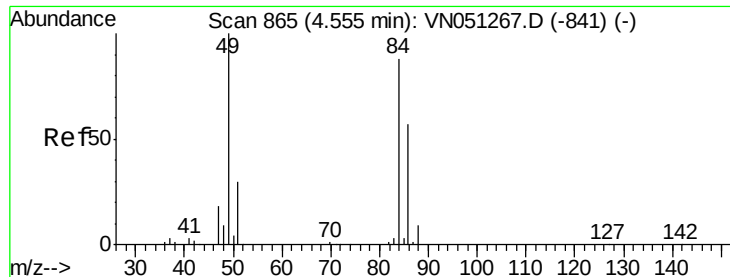
Tot Ion: 43 Resp: 12316
Ion Ratio Lower Upper
43 100
58 35.3 28.2 42.2



#18
Methyl Acetate
Concen: 2.33 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN051283.D
Acq: 17 Sep 2018 20:41

Tgt Ion: 43 Resp: 9936
Ion Ratio Lower Upper
43 100
74 24.7 20.8 31.2

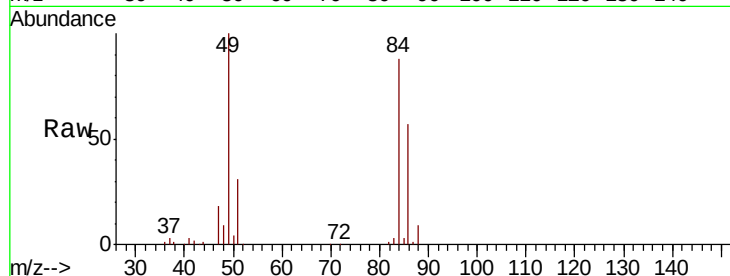




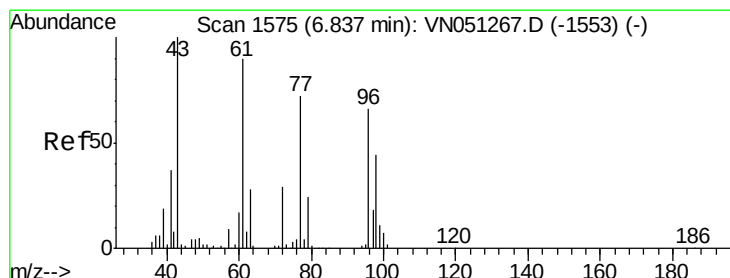
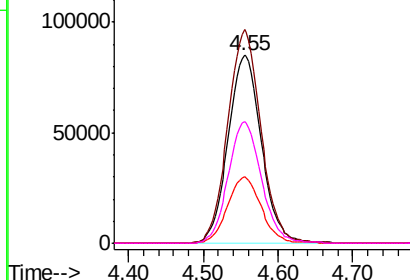
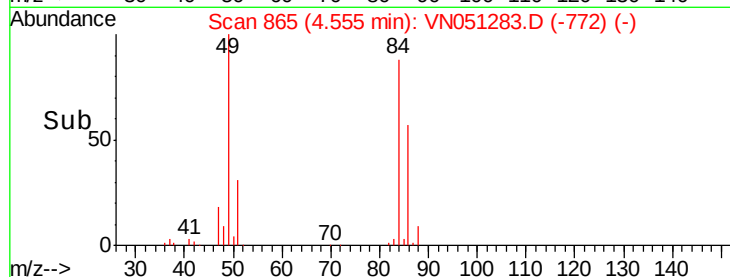
#20
Methvlene Chloride
Concen: 50.08 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051283.D
Acq: 17 Sep 2018 20:41

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	84	Resp:	263633
Ion	Ratio	Lower	Upper
84	100		
49	113.8	91.2	136.8
51	35.5	27.7	41.5
86	64.7	52.0	78.0

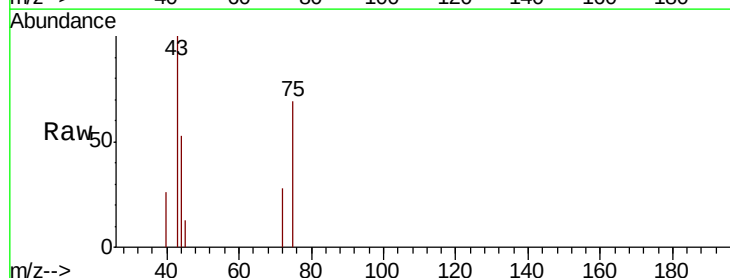


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

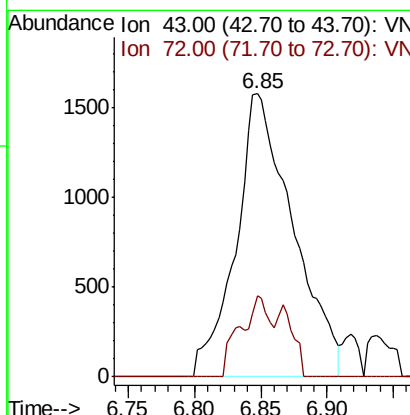
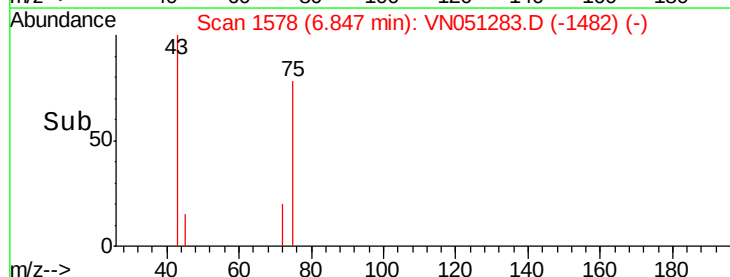


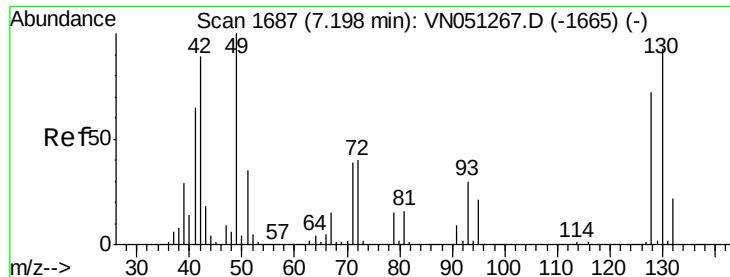
#25
2-Butanone
Concen: 3.08 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN051283.D
Acq: 17 Sep 2018 20:41

Tgt Ion:	43	Resp:	4751
Ion	Ratio	Lower	Upper
43	100		
72	28.5	23.4	35.0



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0

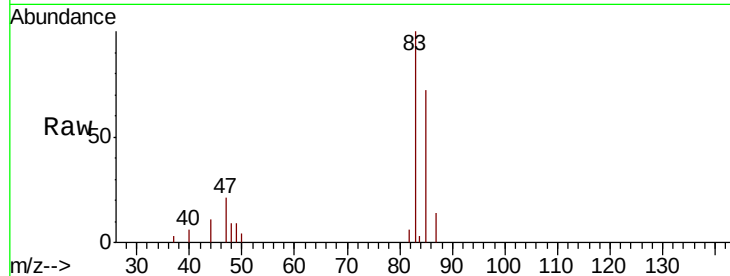




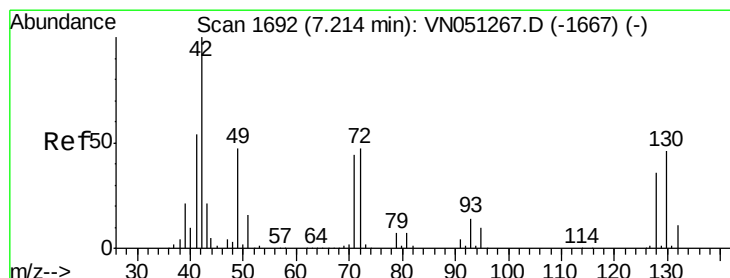
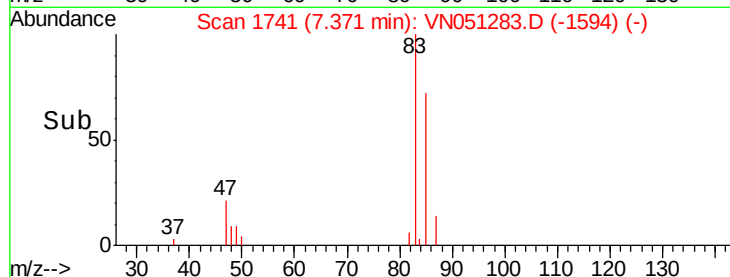
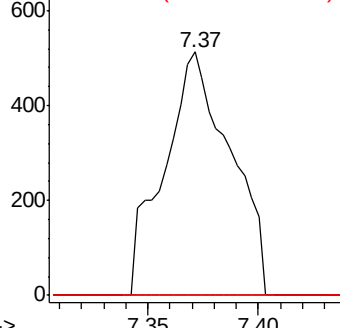
#28
Bromochloromethane
Concen: 0.28 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.17 min
Lab File: VN051283.D
Acq: 17 Sep 2018 20:41

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 49 Resp: 1071
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 73.7 110.5#

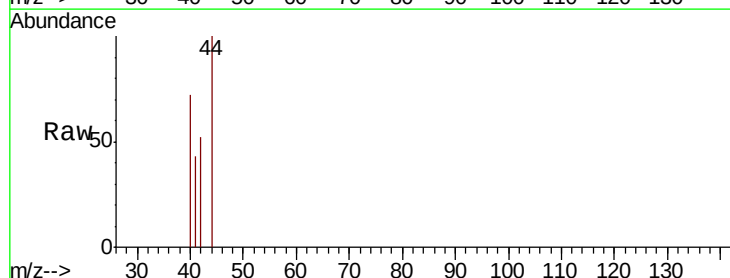


Abundance Ion 48.90 (48.60 to 49.60): VNO
Ion 128.80 (128.50 to 129.50): VNO
Ion 129.80 (129.50 to 130.50): VNO

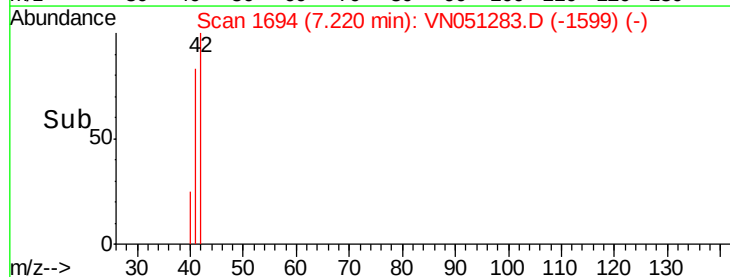
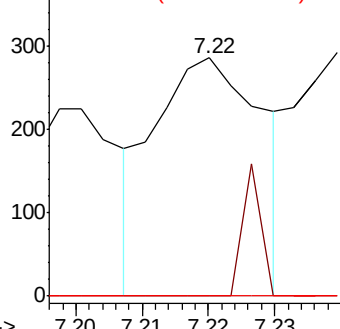


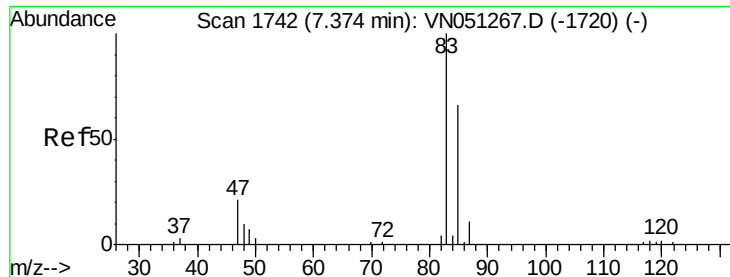
#29
Tetrahydrofuran
Concen: 0.34 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VN051283.D
Acq: 17 Sep 2018 20:41

Tgt Ion: 42 Resp: 322
Ion Ratio Lower Upper
42 100
72 9.3 37.6 56.4#
71 0.0 35.4 53.2#



Abundance Ion 42.00 (41.70 to 42.70): VNO
Ion 72.00 (71.70 to 72.70): VNO
Ion 71.00 (70.70 to 71.70): VNO

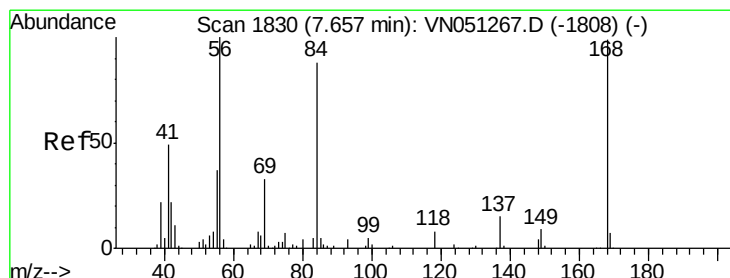
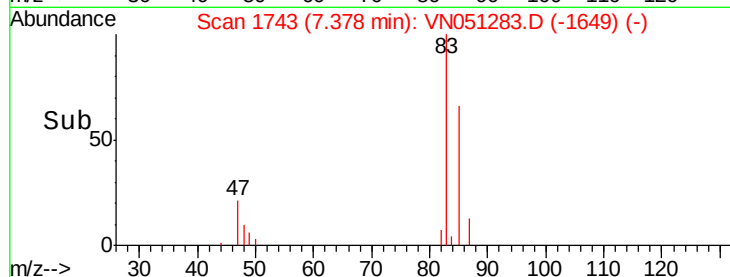
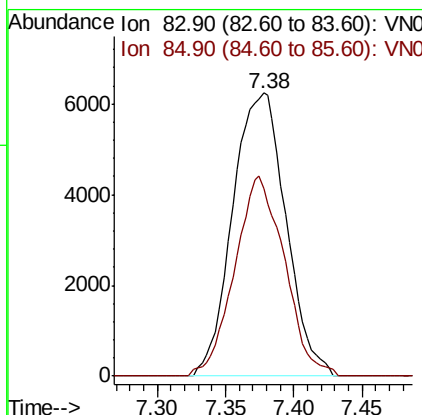
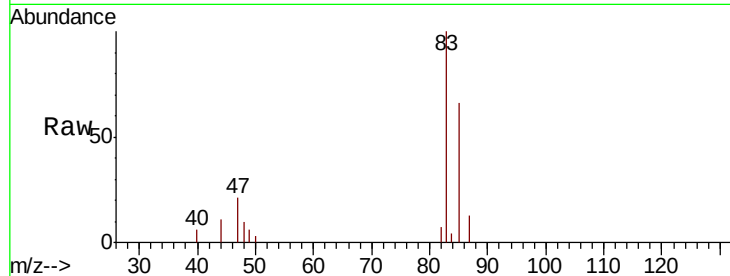




#30
Chloroform
Concen: 1.94 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.00 min
Lab File: VN051283.D
Acq: 17 Sep 2018 20:41

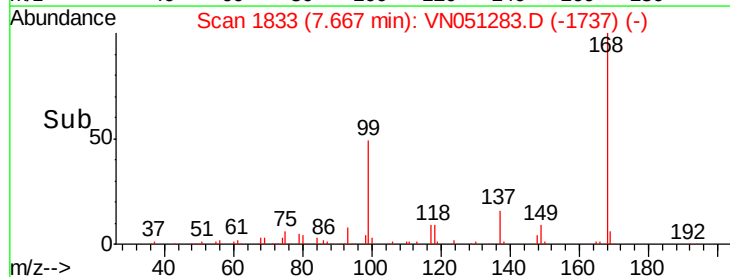
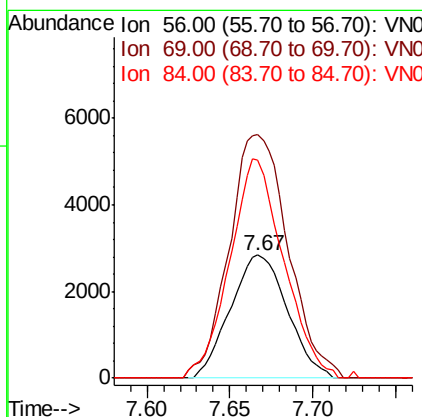
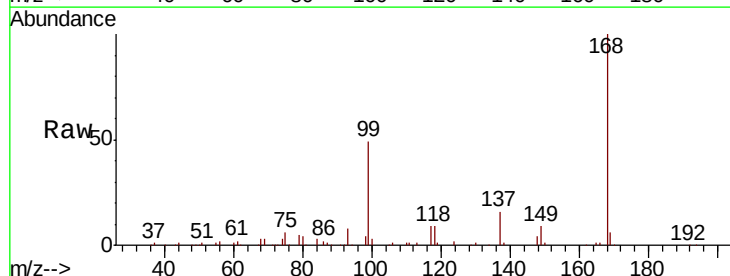
Instrument :
MSVOA_N
ClientSampleId :

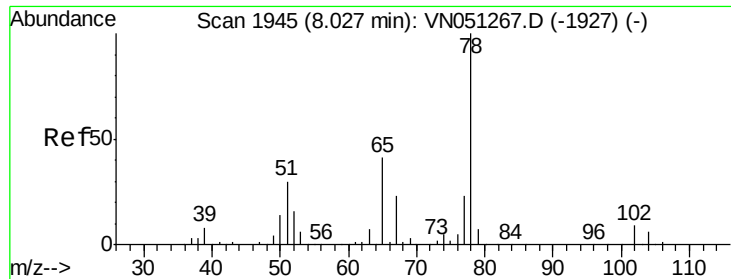
Tot Ion: 83 Resp: 16937
Ion Ratio Lower Upper
83 100
85 66.3 52.4 78.6



#31
Cyclohexane
Concen: 0.81 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN051283.D
Acq: 17 Sep 2018 20:41

Tgt Ion: 56 Resp: 6783
Ion Ratio Lower Upper
56 100
69 191.6 26.2 39.2#
84 177.4 70.6 106.0#

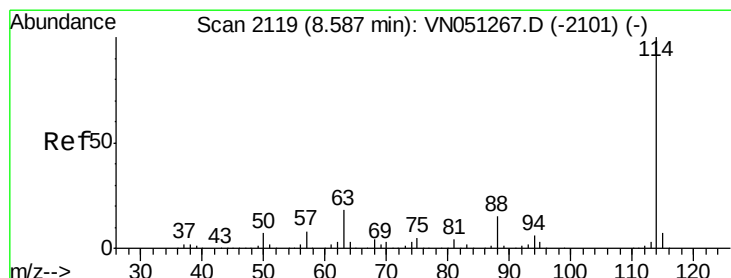
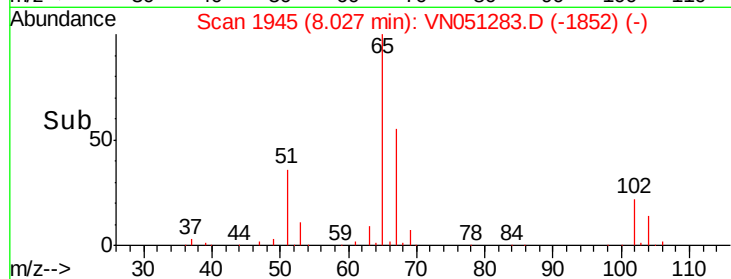
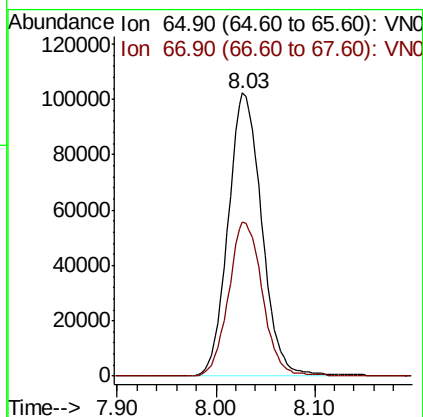
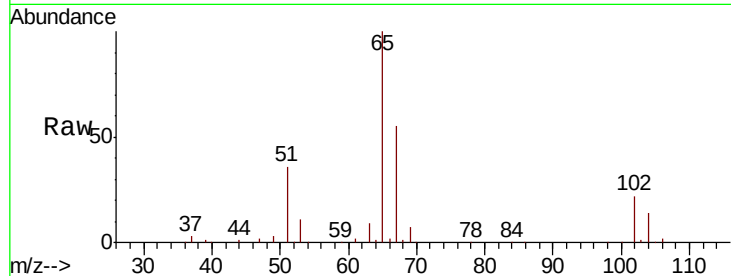




#33
 1,2-Dichloroethane-d4
 Concen: 50.55 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN051283.D
 Acq: 17 Sep 2018 20:41

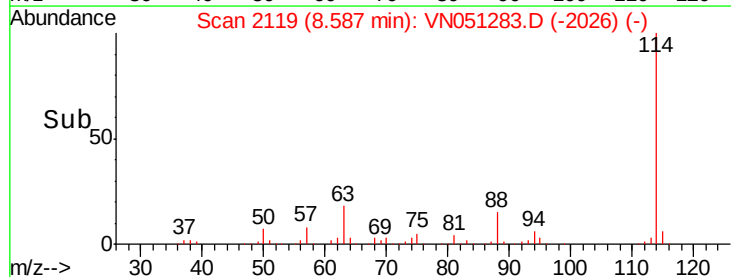
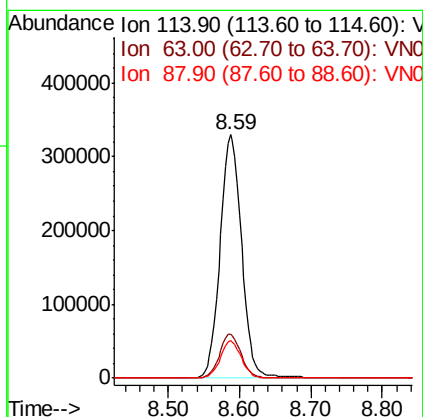
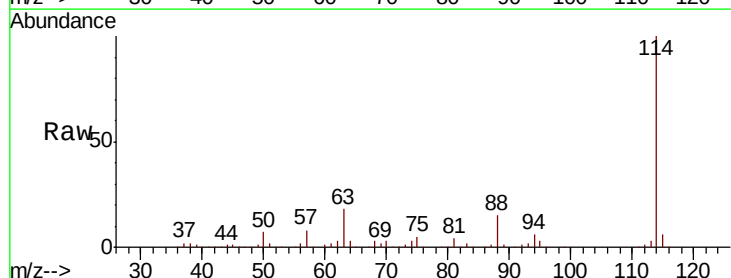
Instrument :
 MSVOA_N
 ClientSampled :

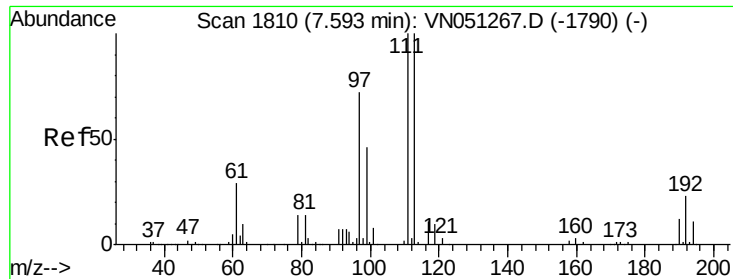
Tot Ion: 65 Resp: 243115
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051283.D
 Acq: 17 Sep 2018 20:41

Tgt Ion: 114 Resp: 691547
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.8
 88 15.3 0.0 30.8

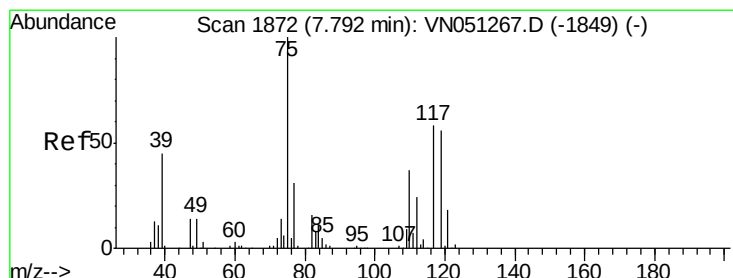
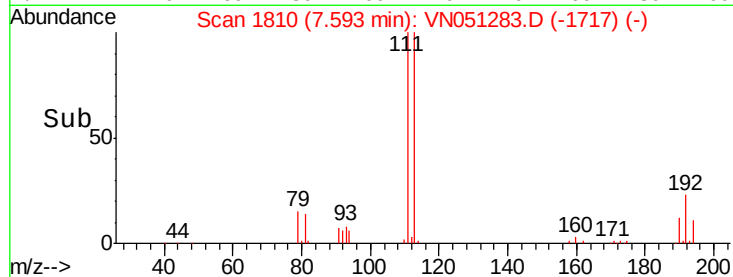
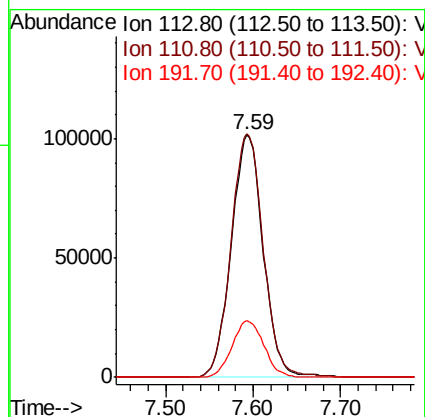
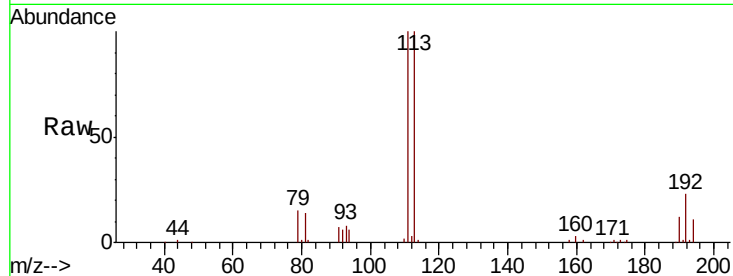




#35
 Dibromofluoromethane
 Concen: 47.80 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051283.D
 Acq: 17 Sep 2018 20:41

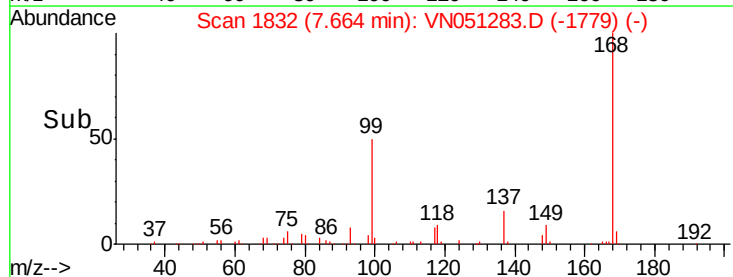
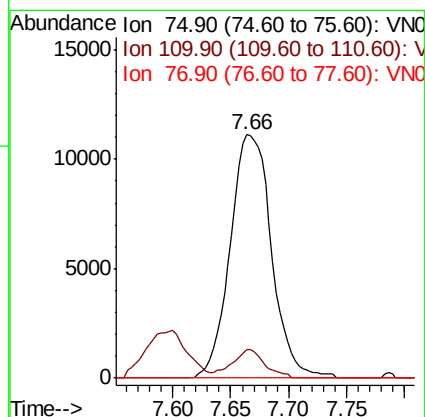
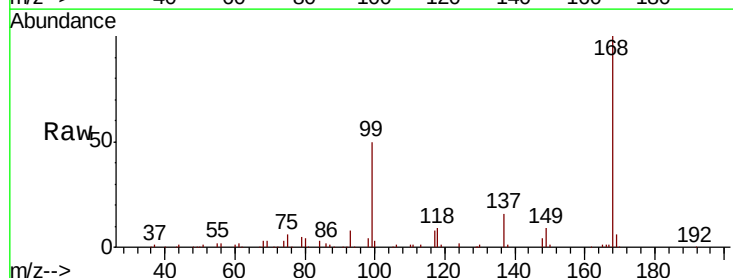
Instrument :
 MSVOA_N
 ClientSampled :

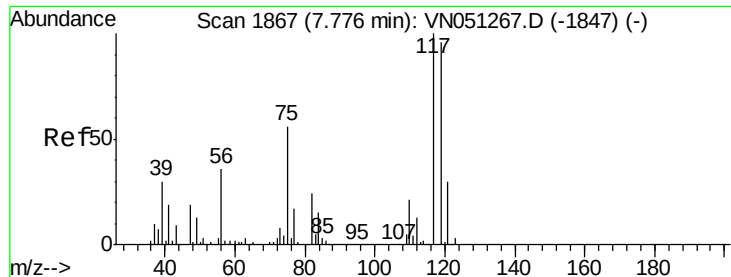
Tot Ion:113 Resp: 256871
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.2 123.4
 192 23.3 19.0 28.6



#36
 1,1-Dichloropropene
 Concen: 3.68 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN051283.D
 Acq: 17 Sep 2018 20:41

Tgt Ion: 75 Resp: 27535
 Ion Ratio Lower Upper
 75 100
 110 9.3 18.6 56.0#
 77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 4.68 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. -0.11 min

Lab File: VN051283.D

Acq: 17 Sep 2018 20:41

Instrument :

MSVOA_N

ClientSampleId :

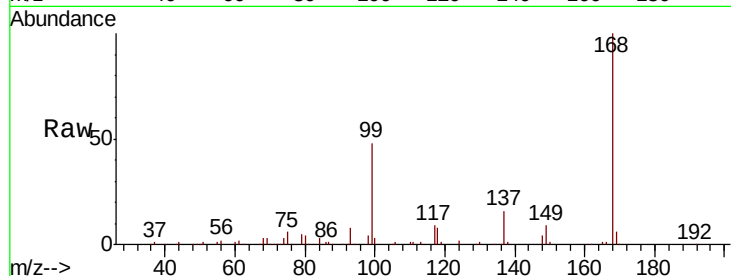
Tot Ion:117 Resp: 36505

Ion Ratio Lower Upper

117 100

119 6.5 76.8 115.2#

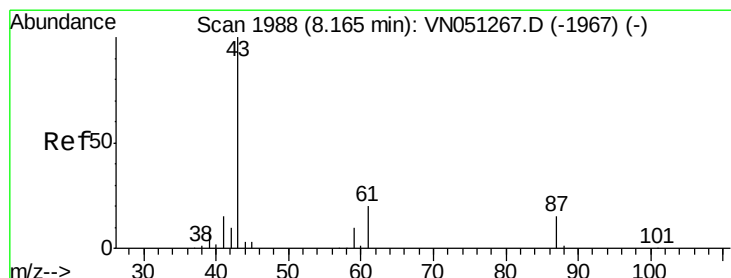
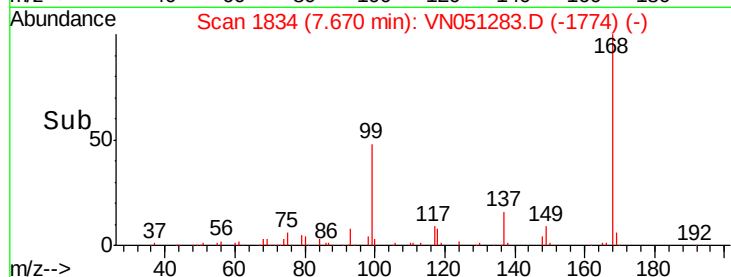
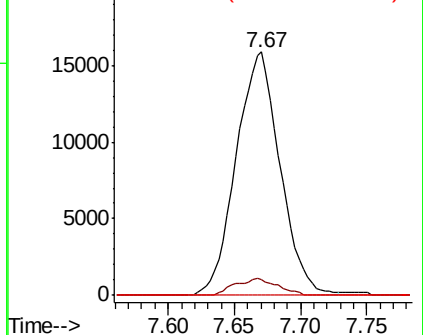
121 0.0 24.2 36.2#



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: 28.66 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051283.D

Acq: 17 Sep 2018 20:41

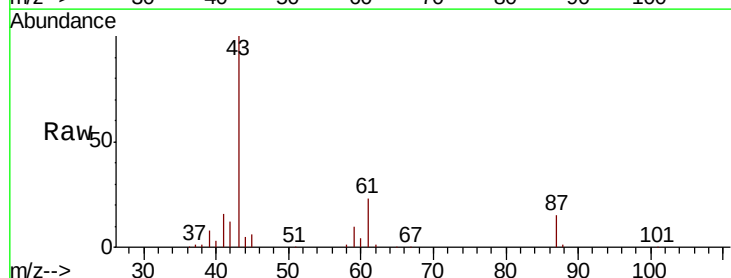
Tgt Ion: 43 Resp: 190872

Ion Ratio Lower Upper

43 100

61 19.7 17.4 26.2

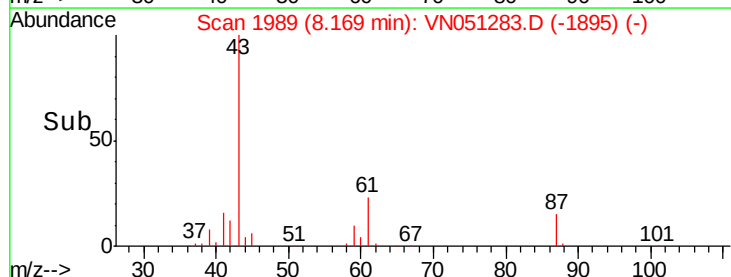
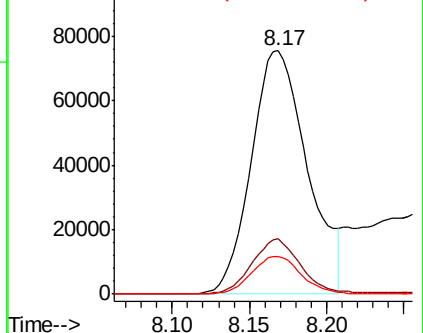
87 13.6 12.2 18.4

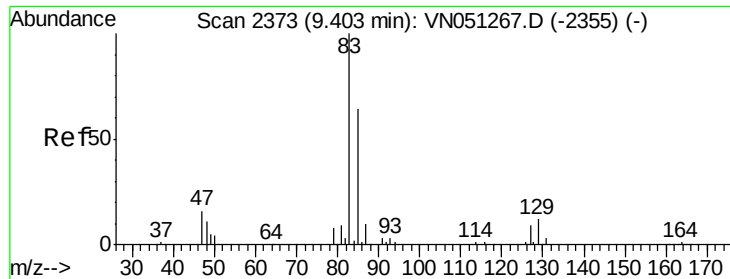


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#47

Bromodichloromethane

Concen: 0.59 ug/l

RT: 9.41 min Scan# 2375

Delta R.T. 0.01 min

Lab File: VN051283.D

Acq: 17 Sep 2018 20:41

Instrument :

MSVOA_N

ClientSampled :

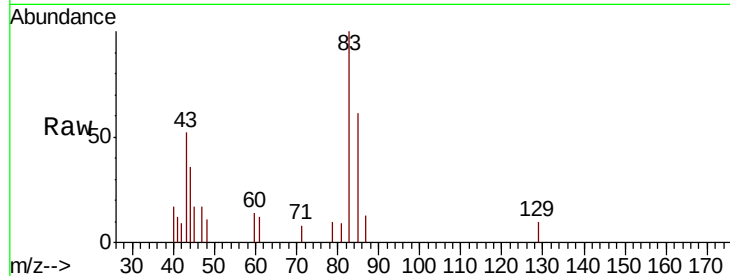
Tot Ion: 83 Resp: 4300

Ion Ratio Lower Upper

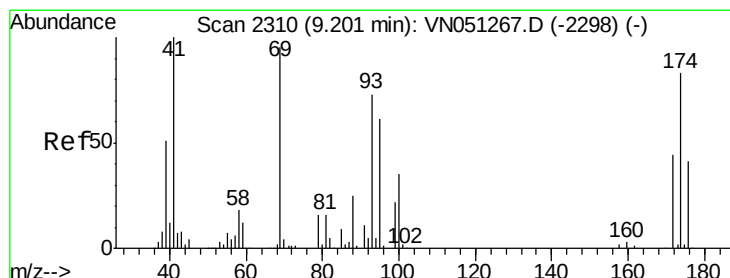
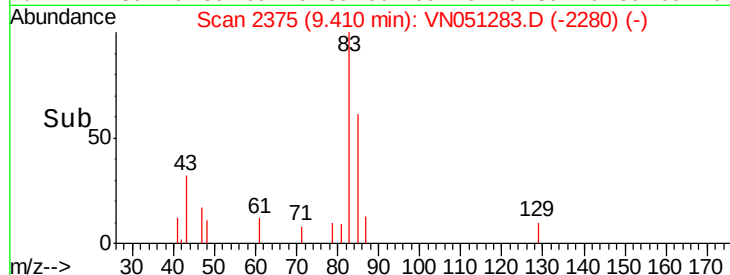
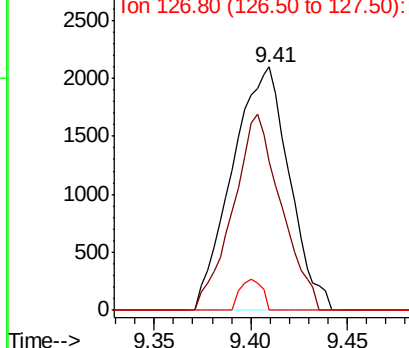
83 100

85 61.0 51.0 76.4

127 0.0 7.1 10.7#



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 1.63 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN051283.D

Acq: 17 Sep 2018 20:41

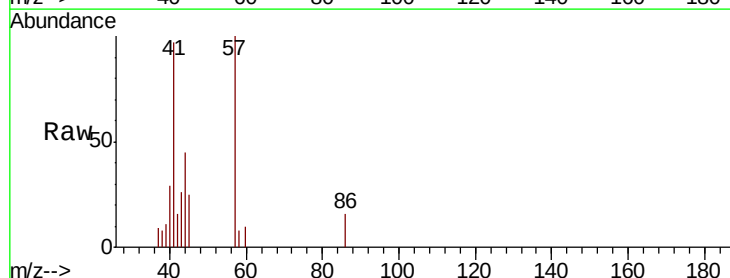
Tgt Ion: 41 Resp: 5222

Ion Ratio Lower Upper

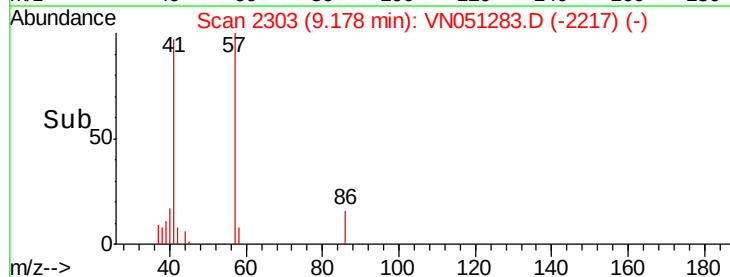
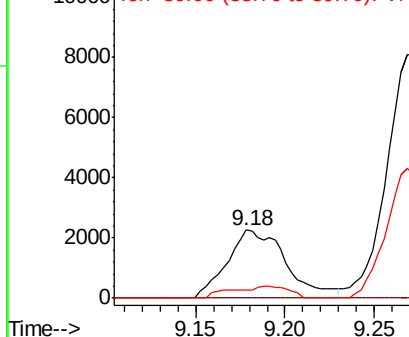
41 100

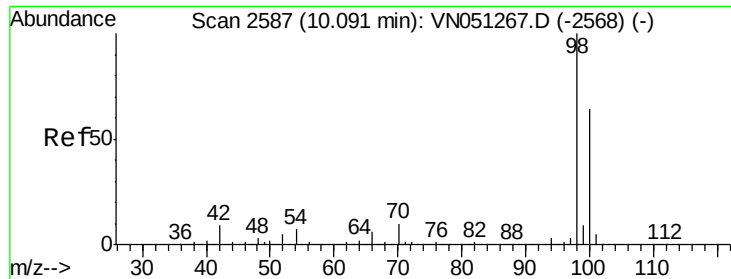
69 0.0 78.9 118.3#

39 6.4 42.2 63.2#



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: 44.74 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051283.D

Acq: 17 Sep 2018 20:41

Instrument :

MSVOA_N

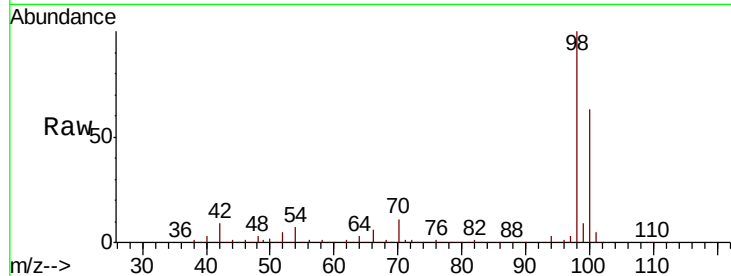
ClientSampled :

Tot Ion: 98 Resp: 888765

Ion Ratio Lower Upper

98 100

100 63.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN051267.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN051267.D (-2568) (-)

10.09

500000

400000

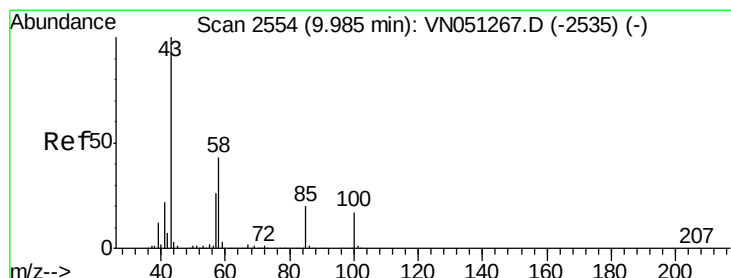
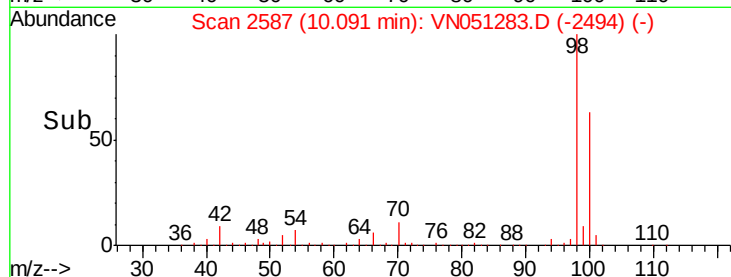
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.32 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN051283.D

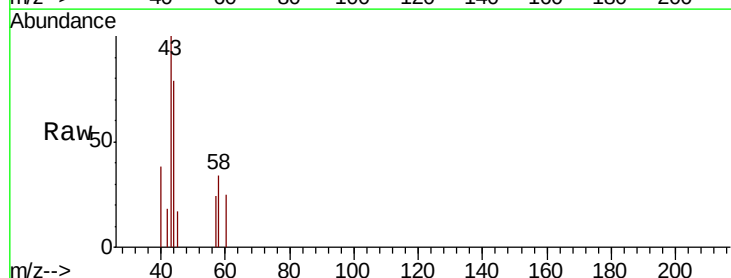
Acq: 17 Sep 2018 20:41

Tgt Ion: 43 Resp: 1111

Ion Ratio Lower Upper

43 100

58 37.4 33.8 50.6



Abundance Ion 43.00 (42.70 to 43.70): VN051267.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN051267.D (-2535) (-)

9.99

1000

800

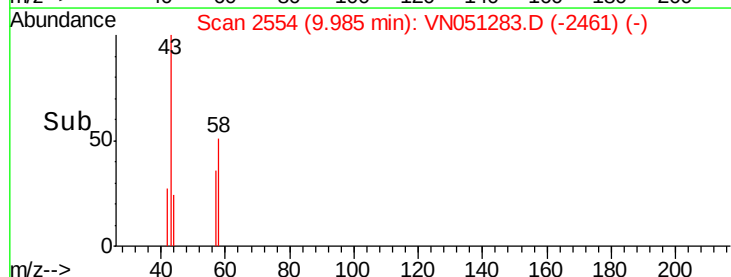
600

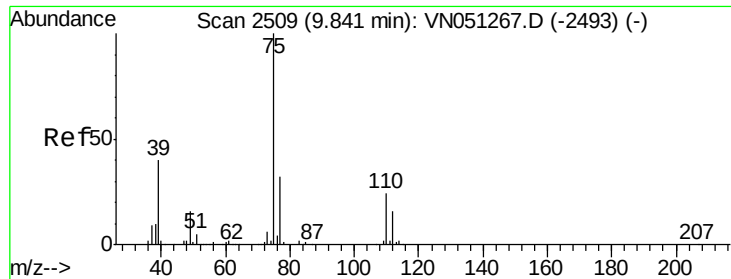
400

200

0

Time-->

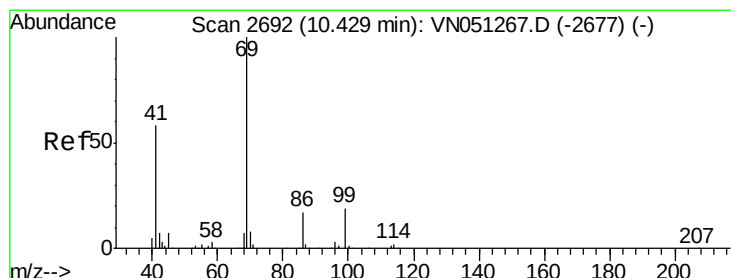
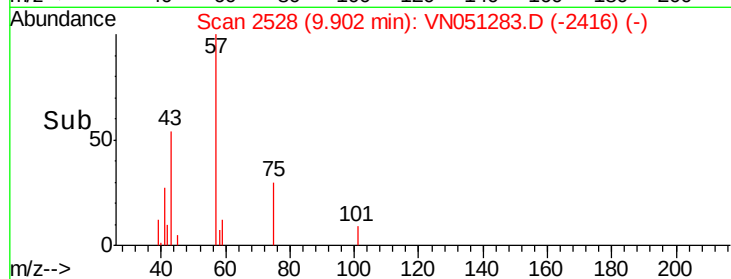
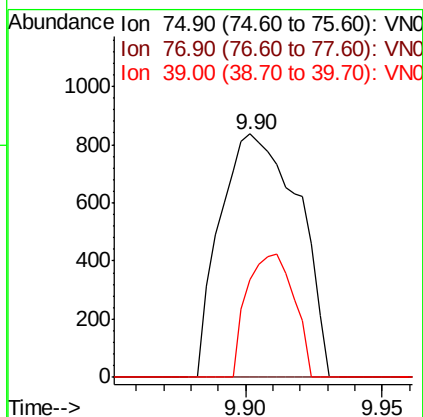
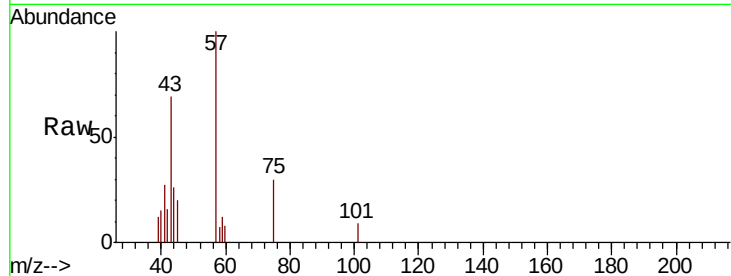




#54
 cis-1,3-Dichloropropene
 Concen: 0.20 ug/l
 RT: 9.90 min Scan# 2528
 Delta R.T. 0.06 min
 Lab File: VN051283.D
 Acq: 17 Sep 2018 20:41

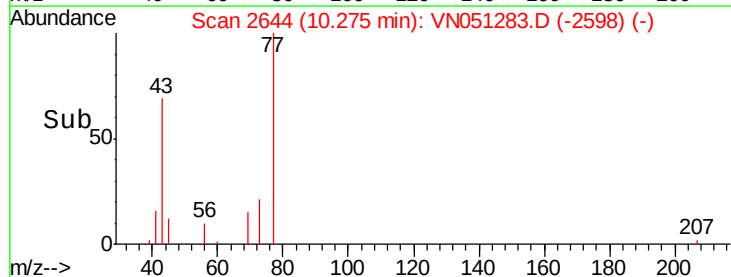
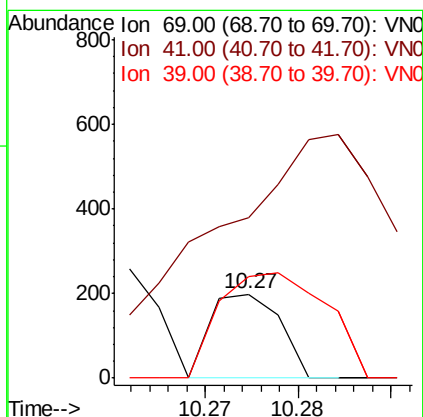
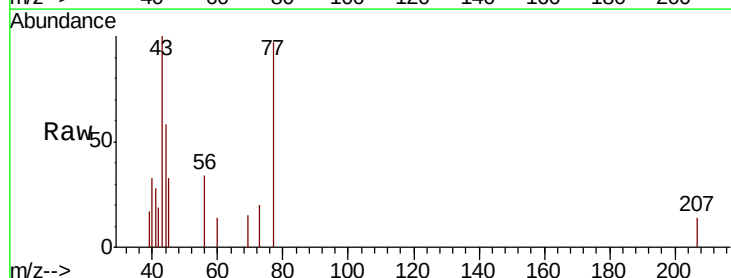
Instrument :
 MSVOA_N
 ClientSampled :

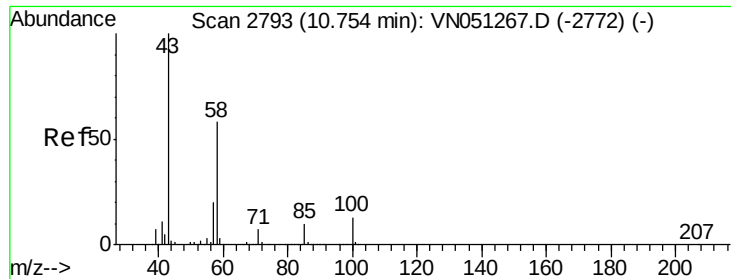
Tot Ion: 75 Resp: 1671
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.8 38.8#
 39 40.3 31.8 47.8



#56
 Ethyl methacrylate
 Concen: 2.08 ug/l
 RT: 10.27 min Scan# 2644
 Delta R.T. -0.15 min
 Lab File: VN051283.D
 Acq: 17 Sep 2018 20:41

Tgt Ion: 69 Resp: 104
 Ion Ratio Lower Upper
 69 100
 41 767.3 47.4 71.0#
 39 191.3 23.7 35.5#

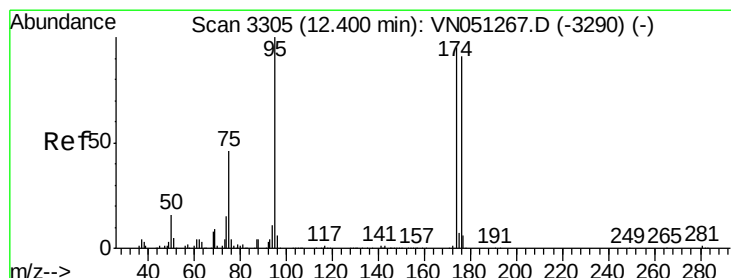
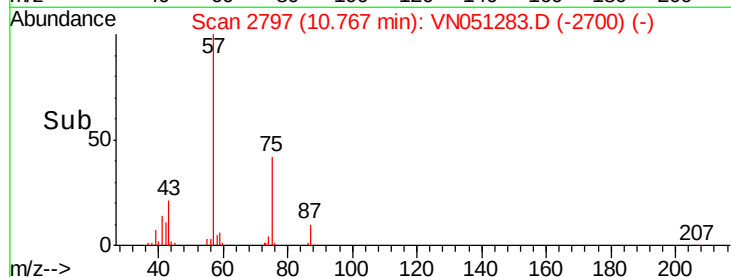
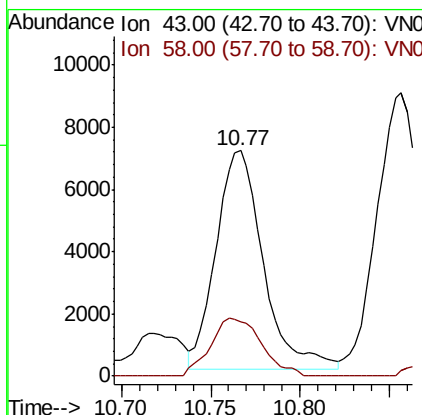
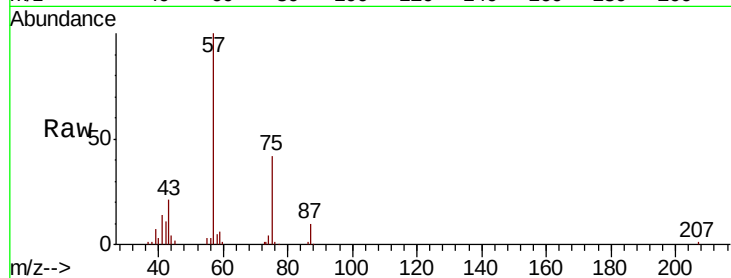




#59
2-Hexanone
Concen: 5.68 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN051283.D
Acq: 17 Sep 2018 20:41

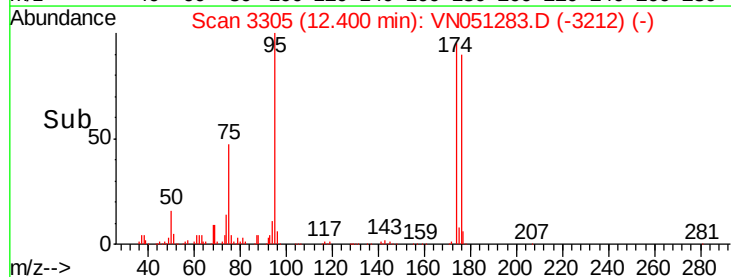
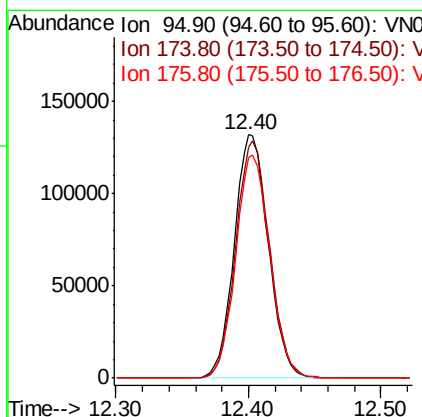
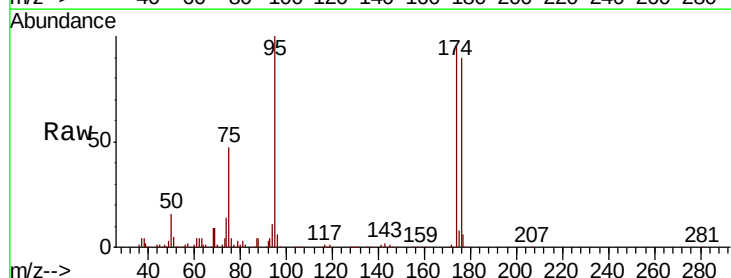
Instrument :
MSVOA_N
ClientSampled :

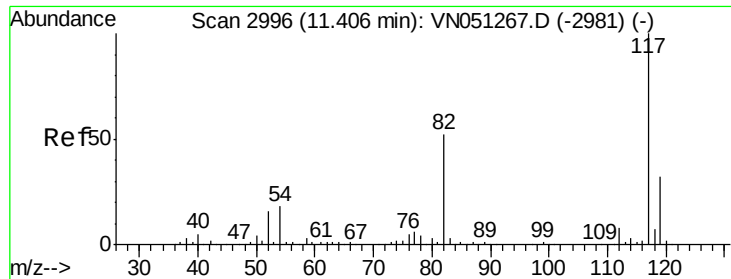
Tot Ion: 43 Resp: 12858
Ion Ratio Lower Upper
43 100
58 28.7 28.9 86.8#



#62
4-Bromofluorobenzene
Concen: 37.12 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN051283.D
Acq: 17 Sep 2018 20:41

Tgt Ion: 95 Resp: 234554
Ion Ratio Lower Upper
95 100
174 97.2 0.0 189.6
176 91.9 0.0 182.6

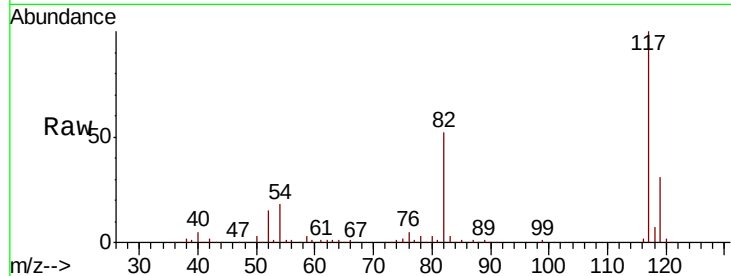




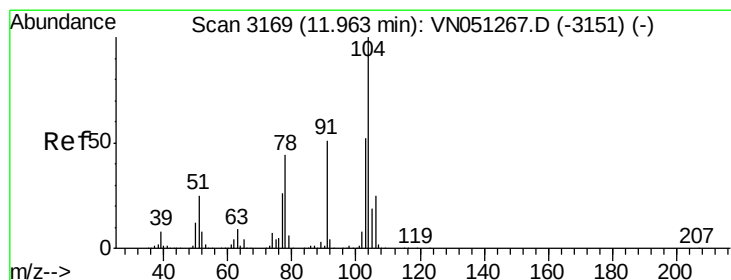
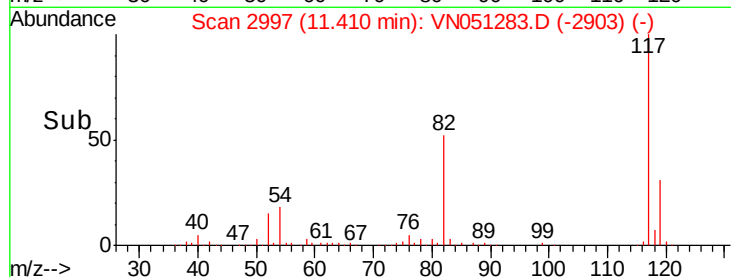
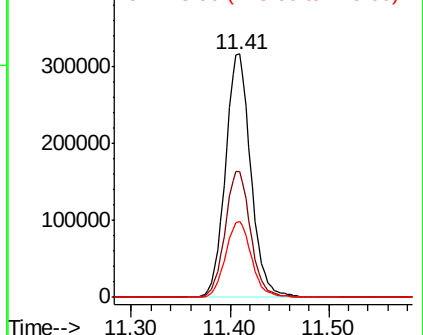
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051283.D
Acq: 17 Sep 2018 20:41

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 567549
Ion Ratio Lower Upper
117 100
82 51.6 41.8 62.8
119 31.4 25.6 38.4

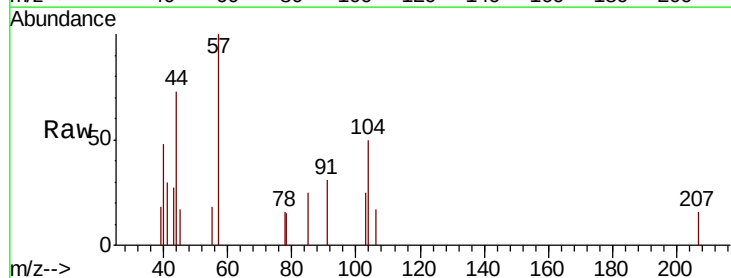


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

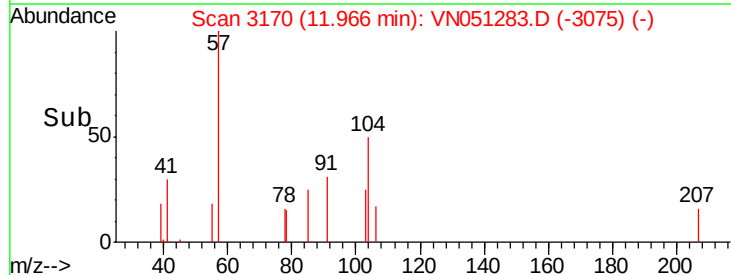
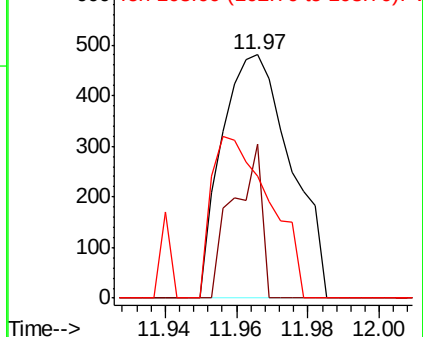


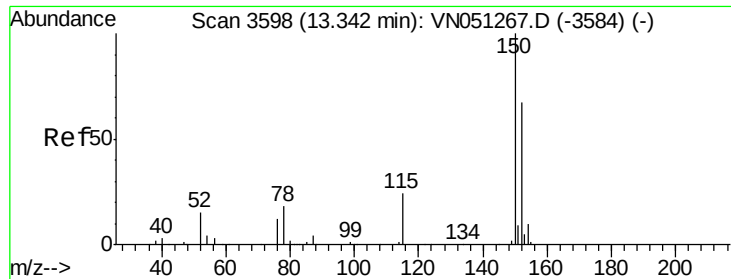
#70
Styrene
Concen: 1.29 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN051283.D
Acq: 17 Sep 2018 20:41

Tgt Ion:104 Resp: 641
Ion Ratio Lower Upper
104 100
78 26.2 38.1 57.1#
103 56.5 44.8 67.2



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051283.D

Acq: 17 Sep 2018 20:41

Instrument :

MSVOA_N

ClientSampled :

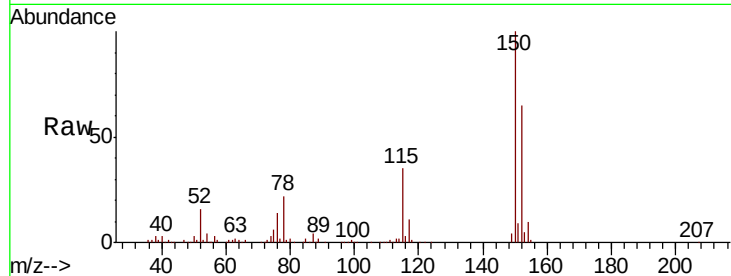
Tot Ion:152 Resp: 183264

Ion Ratio Lower Upper

152 100

115 54.4 27.1 81.2

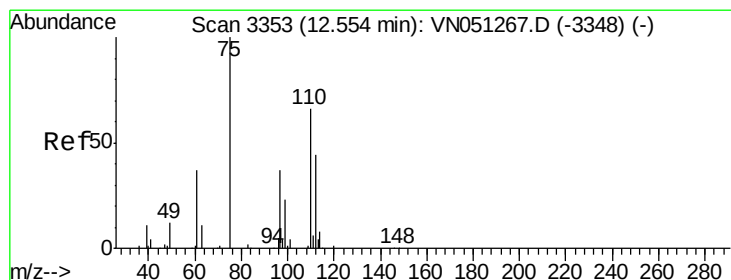
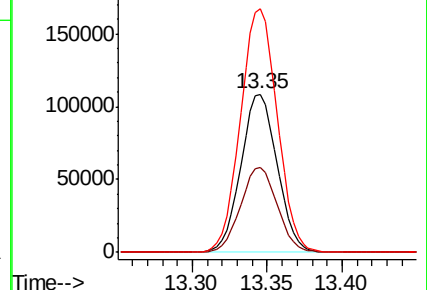
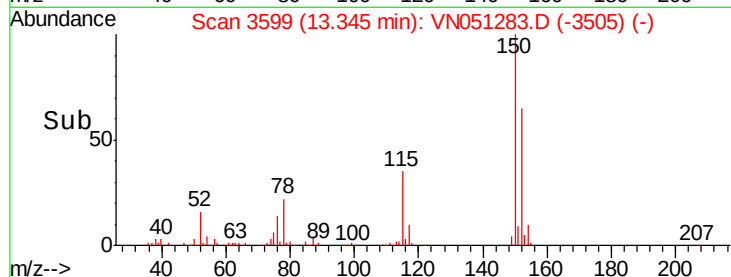
150 156.2 0.0 349.0



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: 43.34 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN051283.D

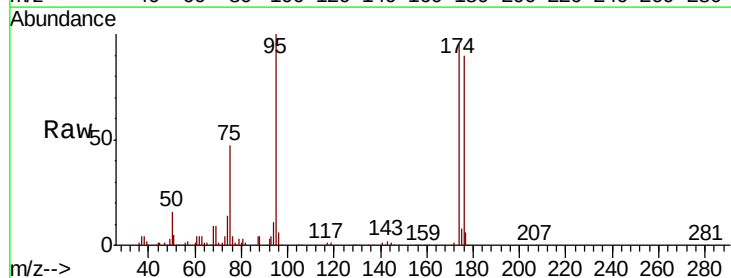
Acq: 17 Sep 2018 20:41

Tgt Ion: 75 Resp: 109502

Ion Ratio Lower Upper

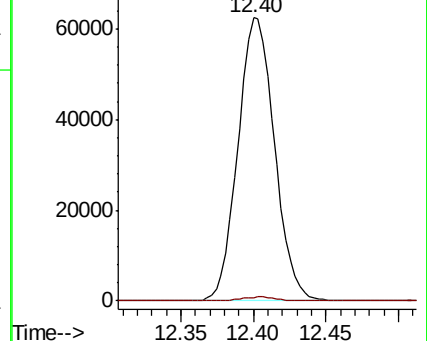
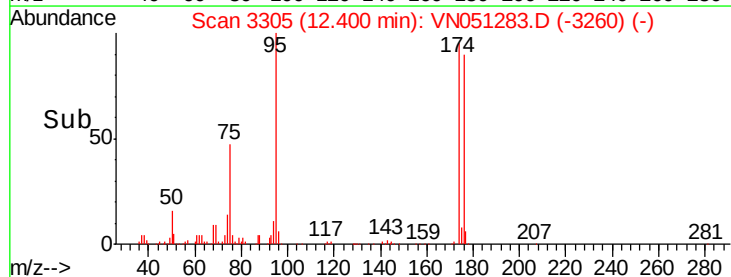
75 100

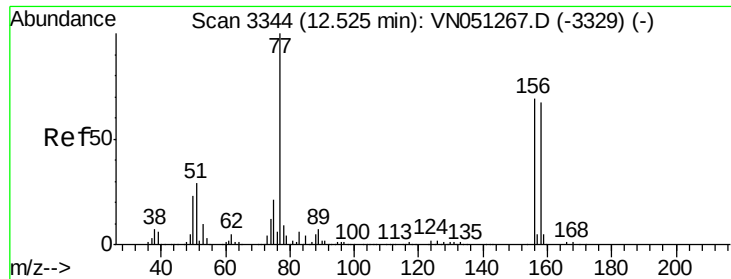
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#77

Bromobenzene

Concen: Below Cal

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN051283.D

Acq: 17 Sep 2018 20:41

Instrument :

MSVOA_N

ClientSampleId :

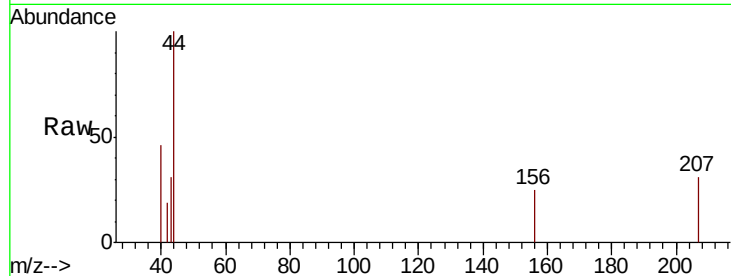
Tot Ion:156 Resp: 175

Ion Ratio Lower Upper

156 100

77 0.0 83.7 251.1#

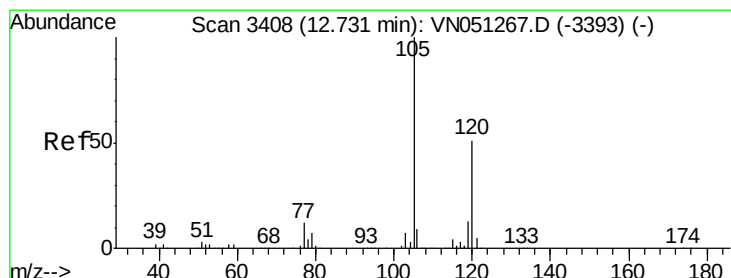
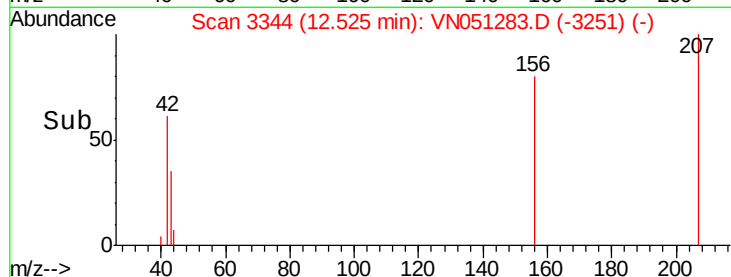
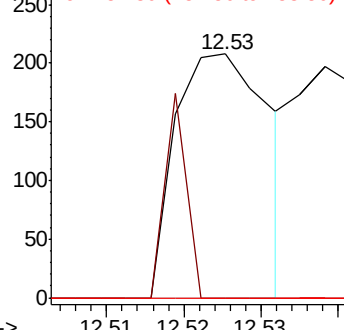
158 0.0 49.0 147.2#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#80

1,3,5-Trimethylbenzene

Concen: 0.31 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051283.D

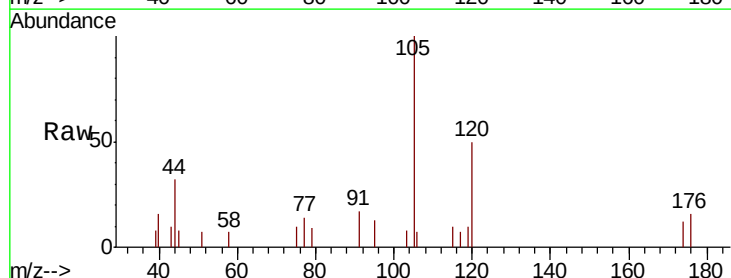
Acq: 17 Sep 2018 20:41

Tgt Ion:105 Resp: 3812

Ion Ratio Lower Upper

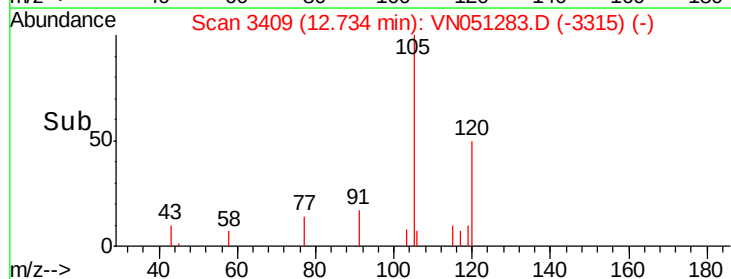
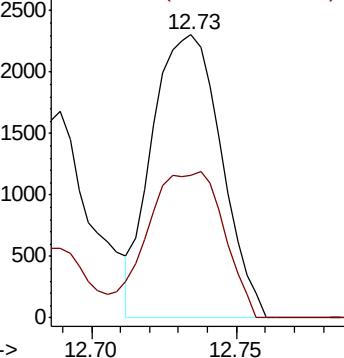
105 100

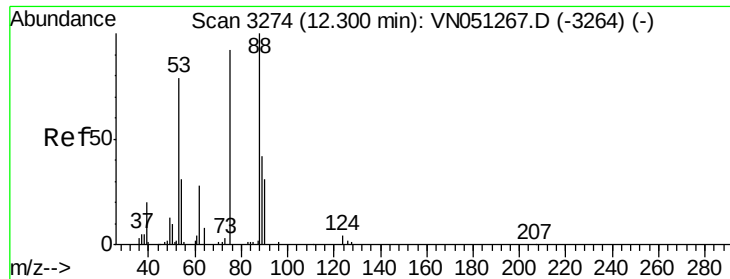
120 57.3 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 132.71 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN051283.D

Acq: 17 Sep 2018 20:41

Instrument :

MSVOA_N

ClientSampleId :

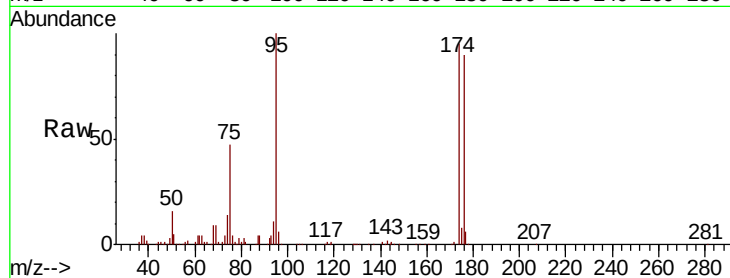
Tot Ion: 75 Resp: 109502

Ion Ratio Lower Upper

75 100

53 0.1 67.7 101.5#

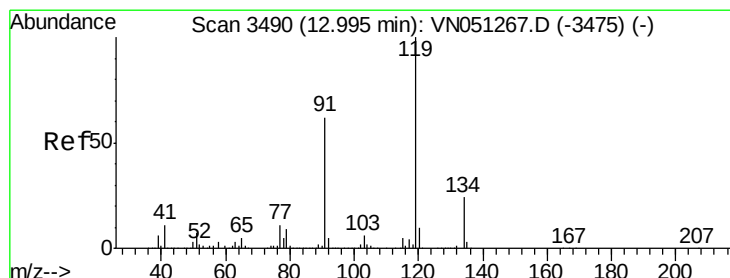
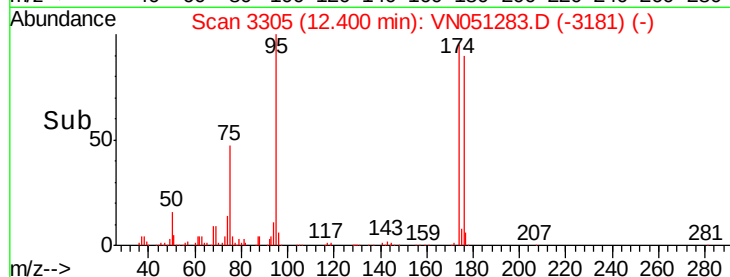
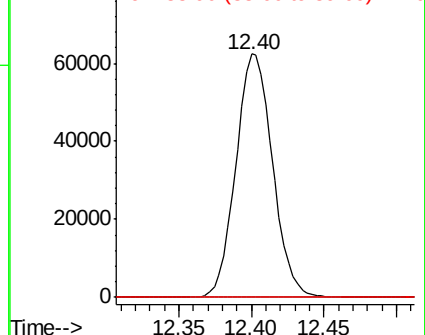
89 0.0 36.9 55.3#



Abundance Ion 74.90 (74.60 to 75.60): VN051283.D (-3305) (-)

Ion 53.00 (52.70 to 53.70): VN051283.D (-3305) (-)

Ion 88.90 (88.60 to 89.60): VN051283.D (-3305) (-)



#83

tert-Butylbenzene

Concen: 0.22 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.05 min

Lab File: VN051283.D

Acq: 17 Sep 2018 20:41

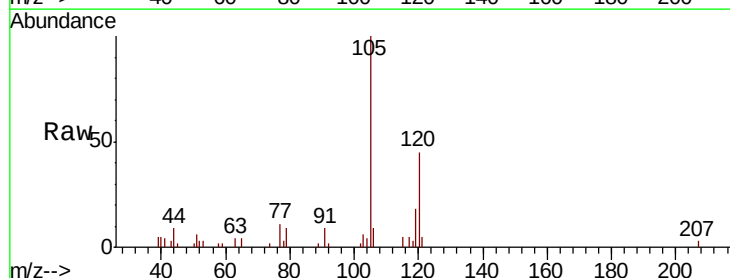
Tgt Ion: 119 Resp: 2445

Ion Ratio Lower Upper

119 100

91 72.1 30.8 92.4

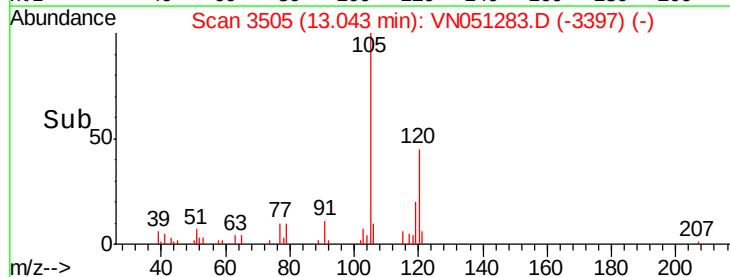
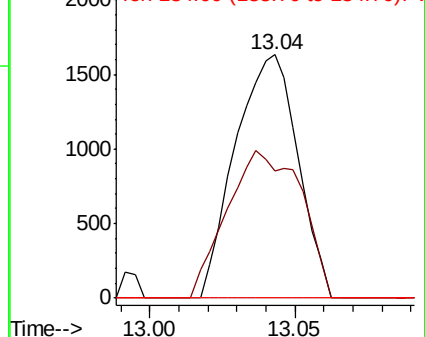
134 0.0 12.4 37.0#

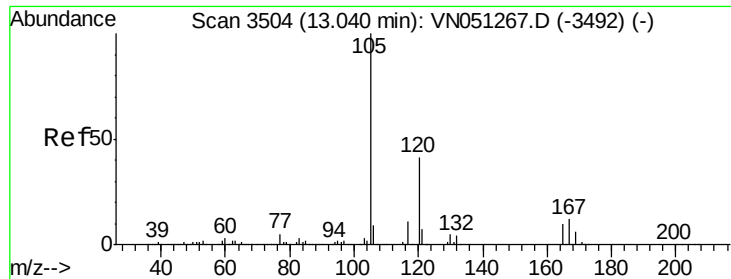


Abundance Ion 119.00 (118.70 to 119.70): VN051283.D (-3505) (-)

Ion 91.00 (90.70 to 91.70): VN051283.D (-3505) (-)

Ion 134.00 (133.70 to 134.70): VN051283.D (-3505) (-)

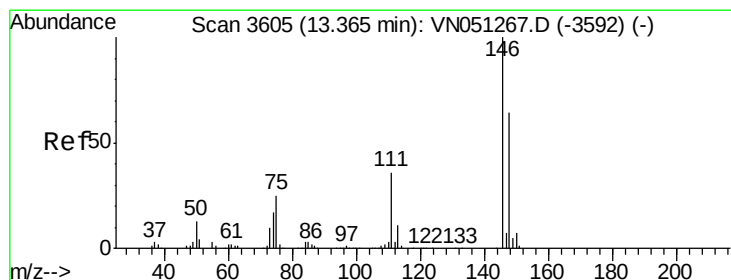
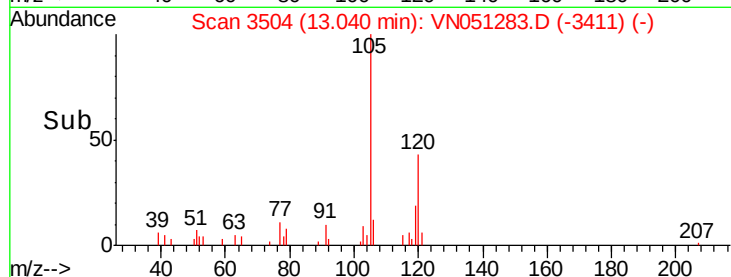
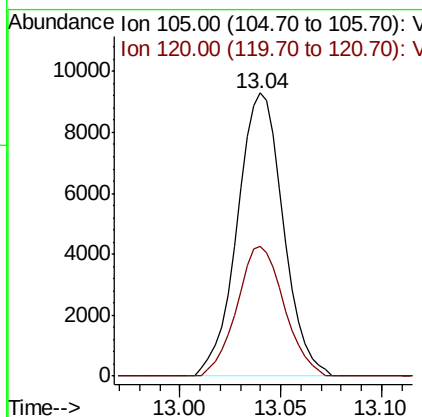
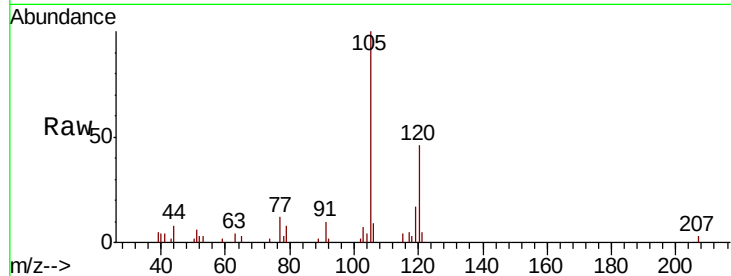




#84
 1,2,4-Trimethylbenzene
 Concen: 1.24 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN051283.D
 Acq: 17 Sep 2018 20:41

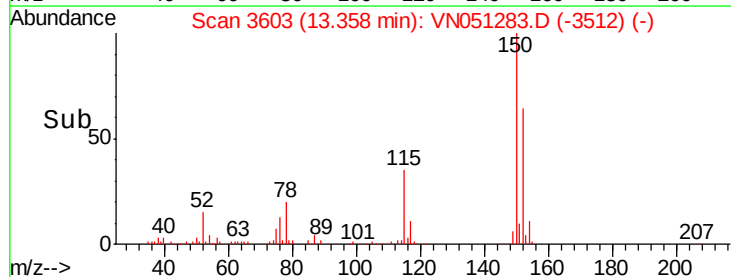
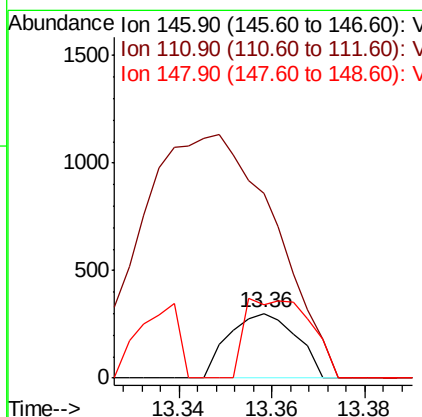
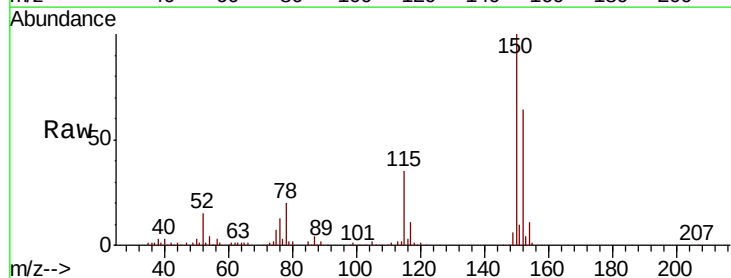
Instrument :
 MSVOA_N
 ClientSampled :

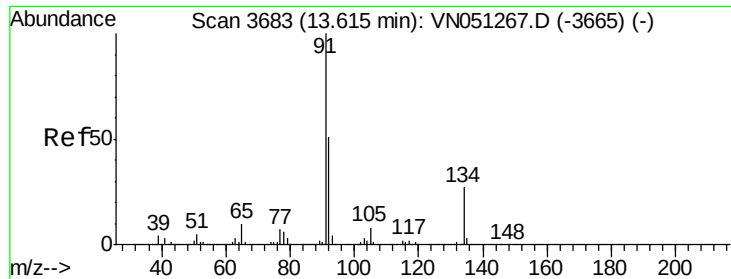
Tot Ion:105 Resp: 14850
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.5 70.6



#88
 1,4-Dichlorobenzene
 Concen: 0.46 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. -0.01 min
 Lab File: VN051283.D
 Acq: 17 Sep 2018 20:41

Tgt Ion:146 Resp: 305
 Ion Ratio Lower Upper
 146 100
 111 736.7 18.2 54.6#
 148 119.0 31.9 95.7#





#89

n-Butylbenzene

Concen: 2.09 ug/l

RT: 13.62 min Scan# 3684

Delta R.T. 0.00 min

Lab File: VN051283.D

Acq: 17 Sep 2018 20:41

Instrument :

MSVOA_N

ClientSampled :

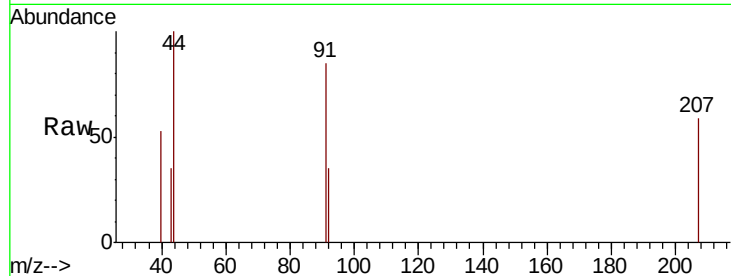
Tot Ion: 91 Resp: 701

Ion Ratio Lower Upper

91 100

92 37.5 25.8 77.4

134 0.0 13.7 41.0#

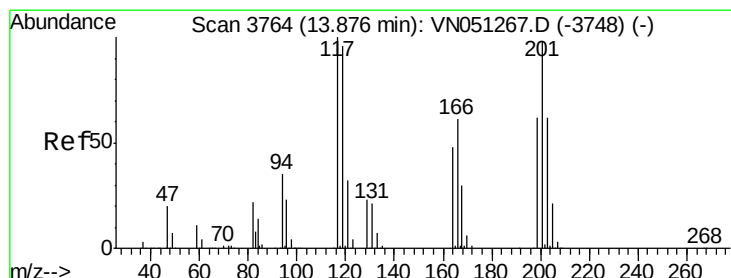
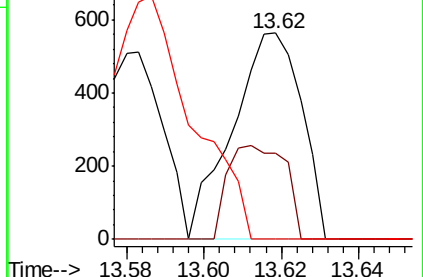
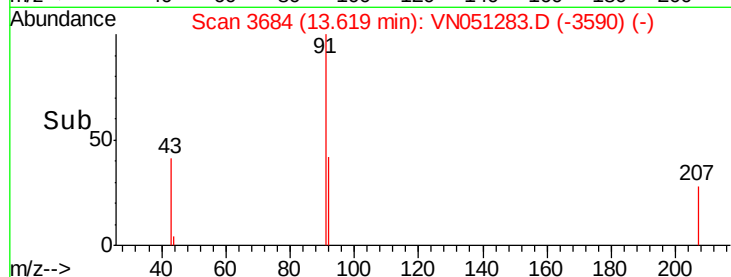


Abundance Ion 91.00 (90.70 to 91.70): VN051267.D (-3665) (-)

Ion 92.00 (91.70 to 92.70): VN051267.D (-3665) (-)

Ion 134.00 (133.70 to 134.70): VN051267.D (-3665) (-)

Time-->



#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3769

Delta R.T. 0.02 min

Lab File: VN051283.D

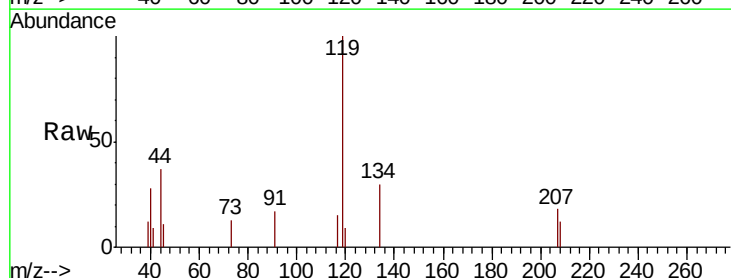
Acq: 17 Sep 2018 20:41

Tgt Ion: 117 Resp: 240

Ion Ratio Lower Upper

117 100

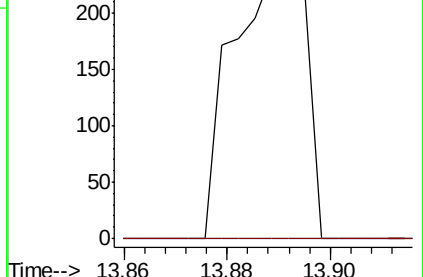
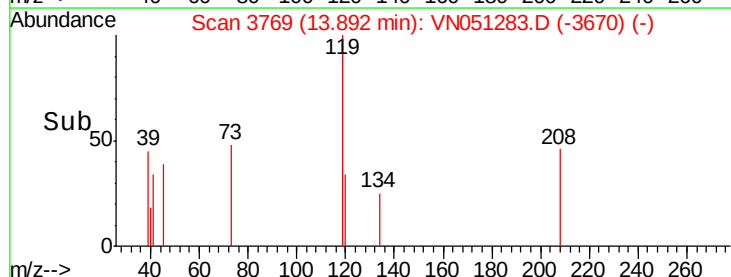
201 0.0 48.4 145.3#

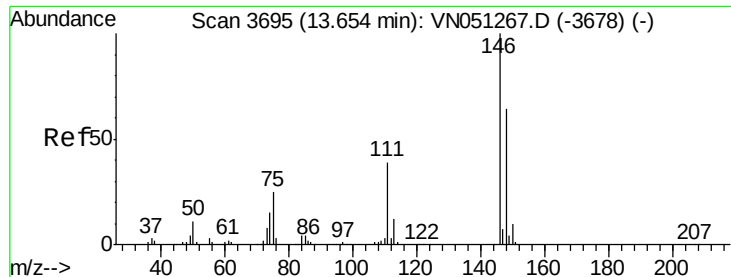


Abundance Ion 116.80 (116.50 to 117.50): VN051267.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN051267.D (-3748) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: Below Cal

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN051283.D

Acq: 17 Sep 2018 20:41

Instrument :

MSVOA_N

ClientSampleId :

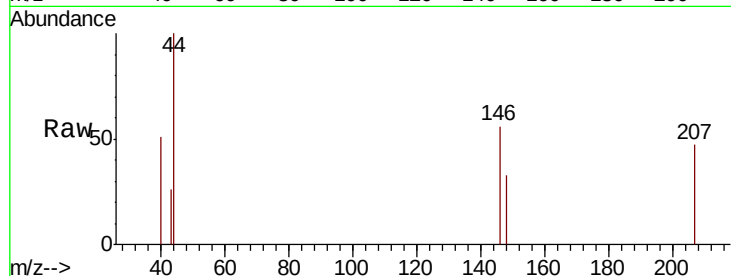
Tot Ion:146 Resp: 440

Ion Ratio Lower Upper

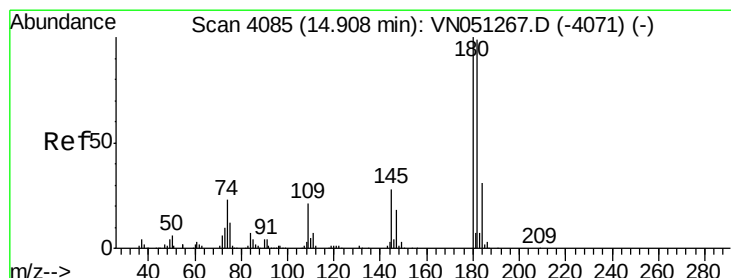
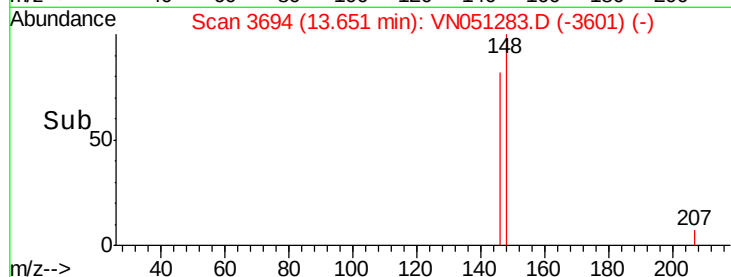
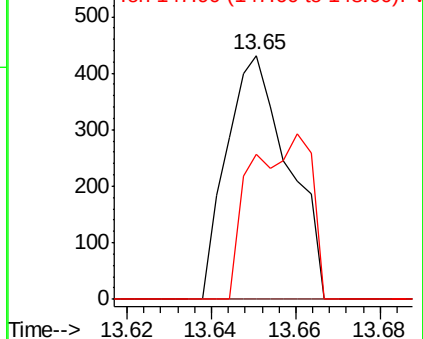
146 100

111 0.0 19.6 58.7#

148 65.9 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#93

1,2,4-Trichlorobenzene

Concen: 5.08 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN051283.D

Acq: 17 Sep 2018 20:41

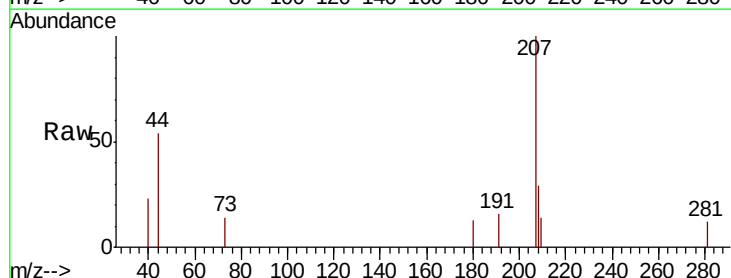
Tgt Ion:180 Resp: 152

Ion Ratio Lower Upper

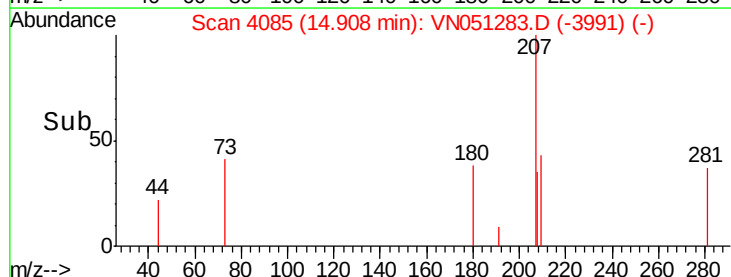
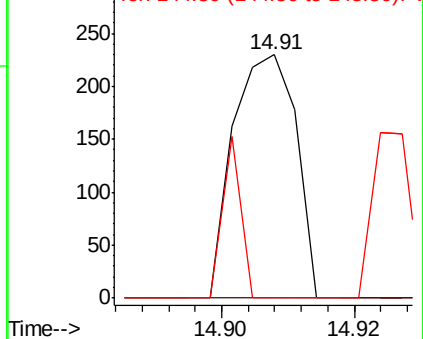
180 100

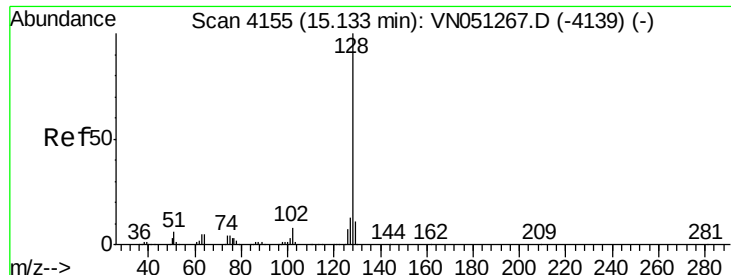
182 0.0 48.5 145.6#

145 19.1 14.0 41.9



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V





#95
Naphthalene
Concen: 9.08 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN051283.D
Acq: 17 Sep 2018 20:41

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.7	16.1
129	11.9	8.9	13.3

