

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091718\
 Data File : VN051281.D
 Acq On : 17 Sep 2018 19:51
 Operator : MD\SY
 Sample : J4929-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 19 09:30:44 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	415968	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	642720	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	519254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	155638	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	226433	50.09	ug/l	0.00
Spiked Amount			Recovery	=	100.18%	
35) Dibromofluoromethane	7.59	113	243428	48.74	ug/l	0.00
Spiked Amount			Recovery	=	97.48%	
50) Toluene-d8	10.09	98	820902	44.47	ug/l	0.00
Spiked Amount			Recovery	=	88.94%	
62) 4-Bromofluorobenzene	12.40	95	211290	35.98	ug/l	0.00
Spiked Amount			Recovery	=	71.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2116	Below Cal		95
5) Bromomethane	2.57	94	2257	1.22 ug/l		99
10) Methyl Iodide	3.95	142	164	6.14 ug/l	#	43
11) Tert butyl alcohol	4.80	59	372	1.49 ug/l	#	73
13) Acrolein	3.61	56	58	10.49 ug/l	#	14
14) Allyl chloride	4.55	41	56068	9.02 ug/l	#	26
16) Acetone	3.82	43	8745	Below Cal		95
17) Carbon Disulfide	4.04	76	632	Below Cal	#	75
18) Methyl Acetate	4.34	43	9660	2.44 ug/l	#	86
20) Methylene Chloride	4.55	84	1631014	329.64 ug/l		99
25) 2-Butanone	6.85	43	4874	3.37 ug/l		93
28) Bromochloromethane	7.20	49	941	0.27 ug/l	#	99
29) Tetrahydrofuran	7.23	42	672	0.75 ug/l	#	34
30) Chloroform	7.37	83	10830	1.32 ug/l		93
31) Cyclohexane	7.67	56	6569	0.83 ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	25809	3.71 ug/l	#	48
38) Carbon Tetrachloride	7.67	117	34809	4.80 ug/l	#	17
43) Isopropyl Acetate	8.17	43	173498	28.03 ug/l		95
47) Bromodichloromethane	9.40	83	2707	0.40 ug/l	#	93
48) Methyl methacrylate	9.18	41	4362	1.46 ug/l	#	17
51) 4-Methyl-2-Pentanone	9.99	43	1480	0.46 ug/l	#	69
56) Ethyl methacrylate	10.23	69	940	2.23 ug/l	#	78
59) 2-Hexanone	10.77	43	10426	4.96 ug/l	#	59
70) Styrene	11.97	104	62	1.25 ug/l	#	26
76) 1,2,3-Trichloropropane	12.40	75	98188	45.92 ug/l	#	100
77) Bromobenzene	12.53	156	501	Below Cal	#	1
81) trans-1,4-Dichloro-2-buten	12.40	75	98188	140.12 ug/l	#	15
84) 1,2,4-Trimethylbenzene	13.04	105	3523	0.35 ug/l		86
88) 1,4-Dichlorobenzene	13.37	146	172	0.44 ug/l	#	38
89) n-Butylbenzene	13.61	91	226	2.04 ug/l	#	34
90) Hexachloroethane	13.99	117	379	Below Cal	#	1
91) 1,2-Dichlorobenzene	13.65	146	95	Below Cal	#	25
95) Naphthalene	15.14	128	6330	7.07 ug/l	#	95
96) 1,2,3-Trichlorobenzene	15.31	180	74	3.89 ug/l	#	82

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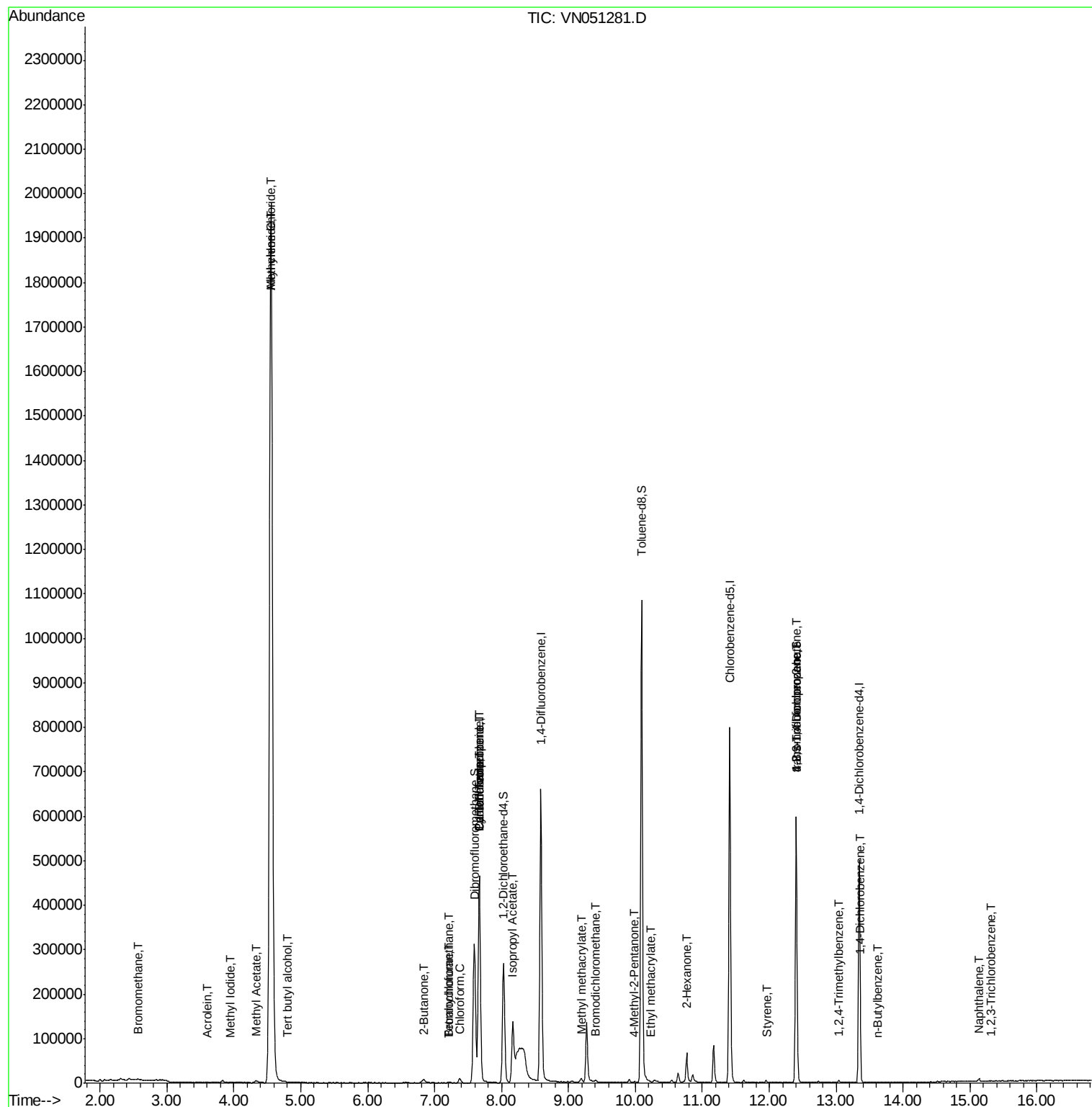
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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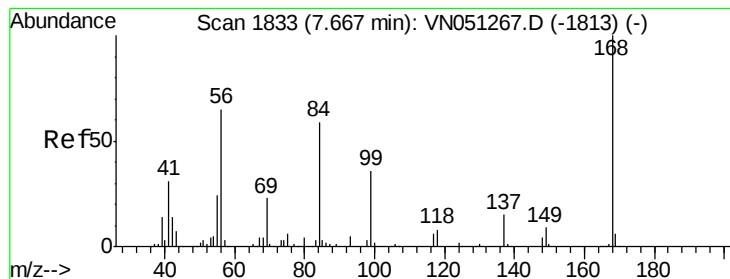
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051281.D

Acq: 17 Sep 2018 19:51

Instrument :

MSVOA_N

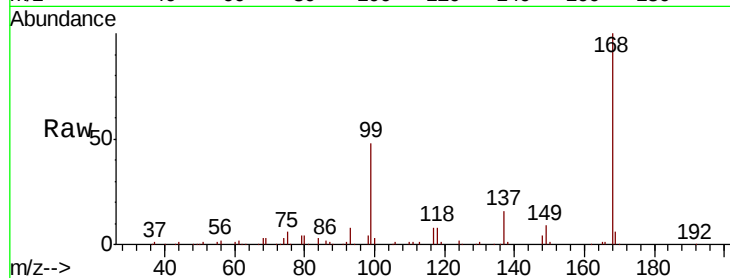
ClientSampleId :

Tot Ion:168 Resp: 415968

Ion Ratio Lower Upper

168 100

99 47.7 38.2 57.4



Abundance Ion 167.90 (167.60 to 168.60): VN051267.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051267.D (-1813) (-)

7.67

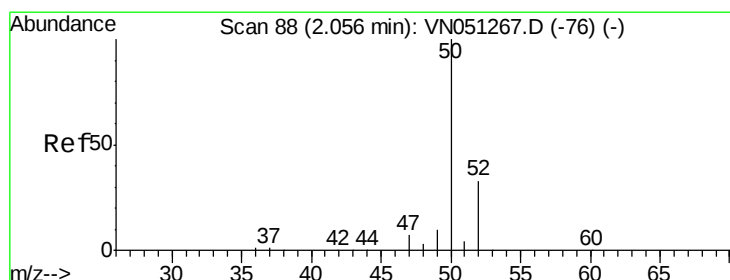
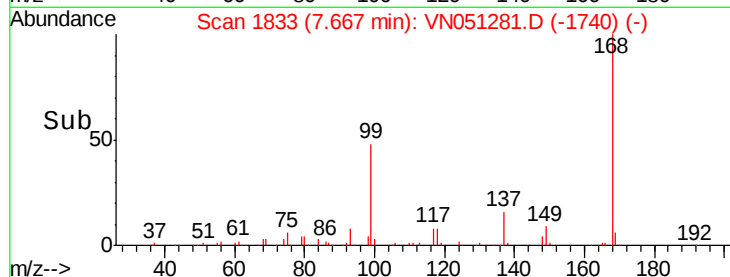
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051281.D

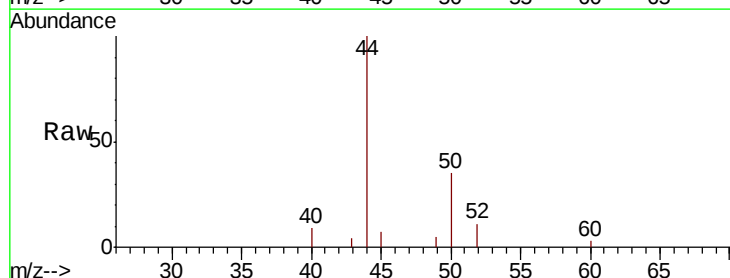
Acq: 17 Sep 2018 19:51

Tgt Ion: 50 Resp: 2116

Ion Ratio Lower Upper

50 100

52 30.5 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VN051267.D (-76) (-)

Ion 51.90 (51.60 to 52.60): VN051267.D (-76) (-)

2.06

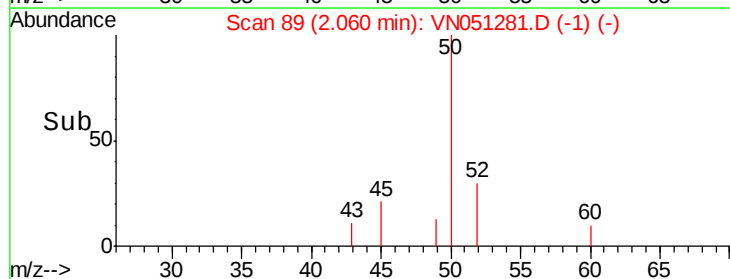
1500

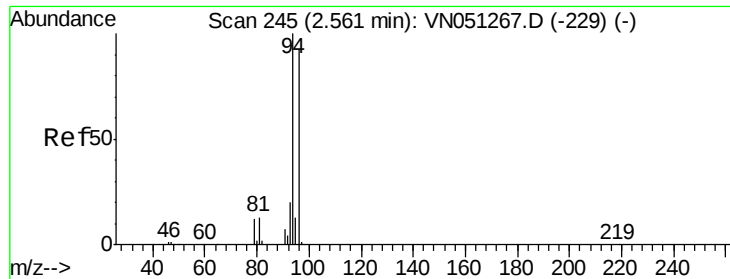
1000

500

0

Time-->





#5

Bromomethane

Concen: 1.22 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN051281.D

Acq: 17 Sep 2018 19:51

Instrument :

MSVOA_N

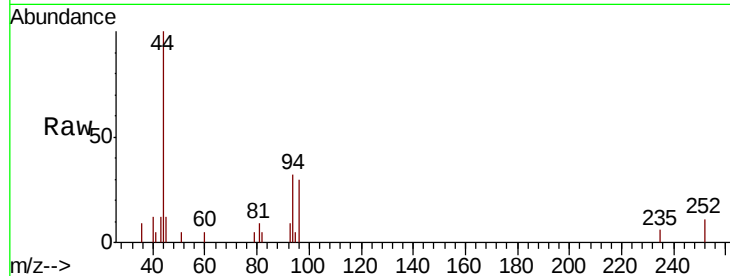
ClientSampled :

Tot Ion: 94 Resp: 2257

Ion Ratio Lower Upper

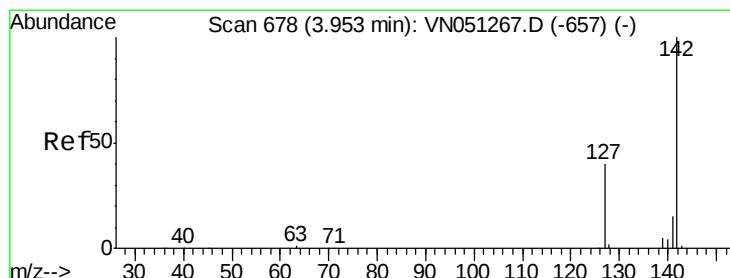
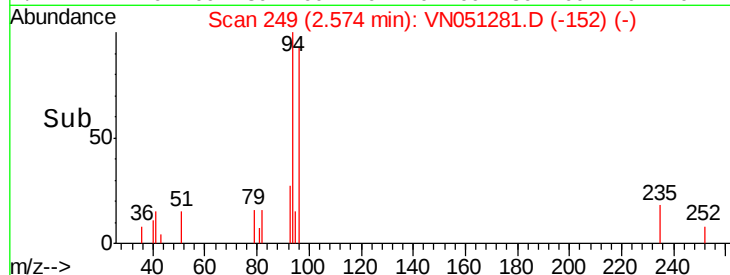
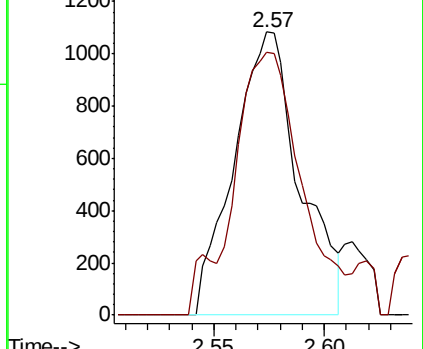
94 100

96 92.9 73.8 110.8



Abundance Ion 93.90 (93.60 to 94.60): VN051281.D (-152) (-)

Ion 95.90 (95.60 to 96.60): VN051281.D (-152) (-)



#10

Methyl Iodide

Concen: 6.14 ug/l

RT: 3.95 min Scan# 677

Delta R.T. -0.00 min

Lab File: VN051281.D

Acq: 17 Sep 2018 19:51

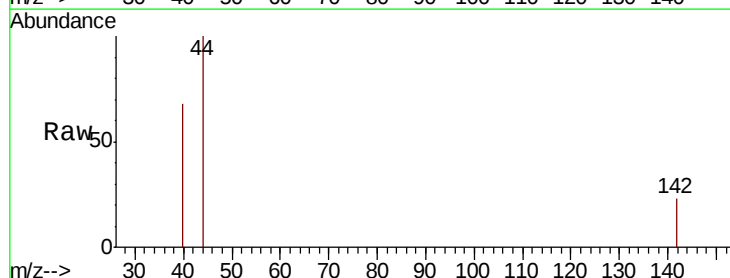
Tgt Ion: 142 Resp: 164

Ion Ratio Lower Upper

142 100

127 0.0 31.7 47.5#

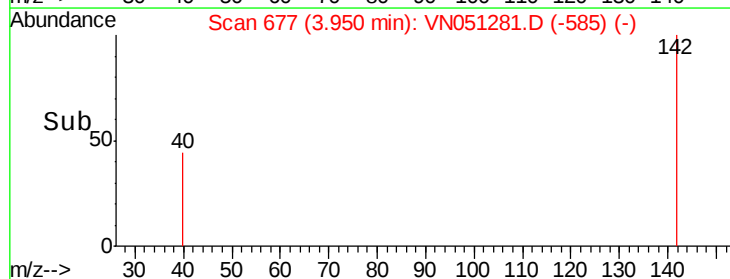
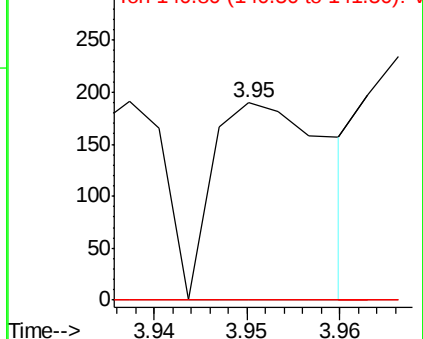
141 0.0 11.6 17.4#

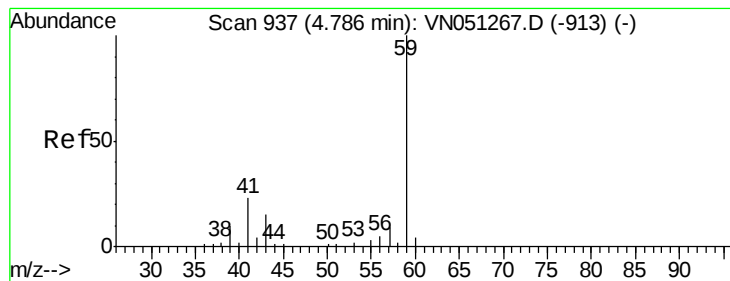


Abundance Ion 141.80 (141.50 to 142.50): VN051281.D (-585) (-)

Ion 126.80 (126.50 to 127.50): VN051281.D (-585) (-)

Ion 140.80 (140.50 to 141.50): VN051281.D (-585) (-)



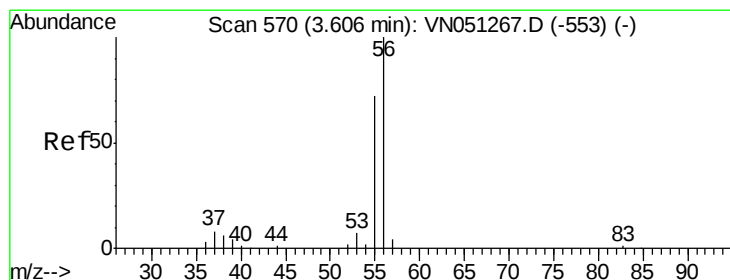
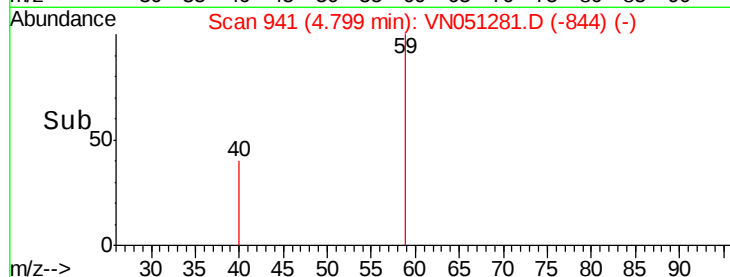
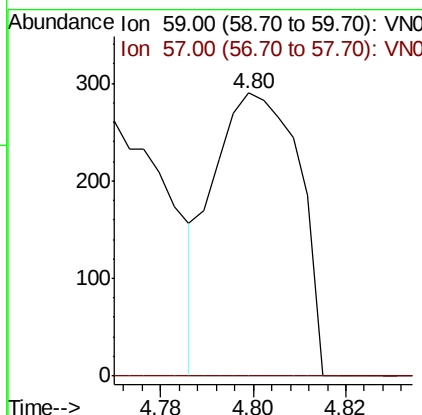
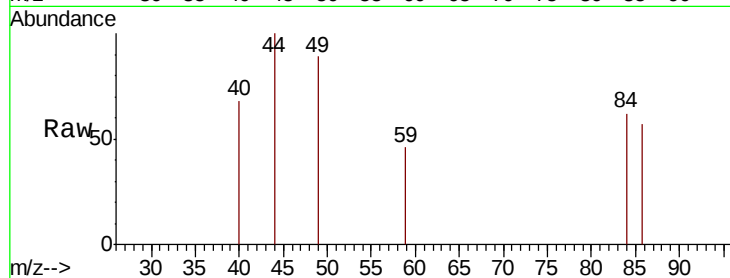


#11

Tert butyl alcohol
 Concen: 1.49 ug/l
 RT: 4.80 min Scan# 941
 Delta R.T. 0.01 min
 Lab File: VN051281.D
 Acq: 17 Sep 2018 19:51

Instrument :
 MSVOA_N
 ClientSampled :

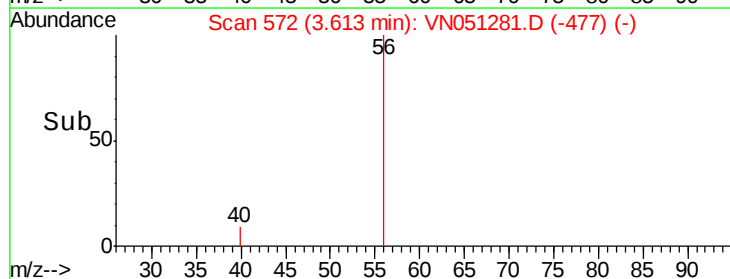
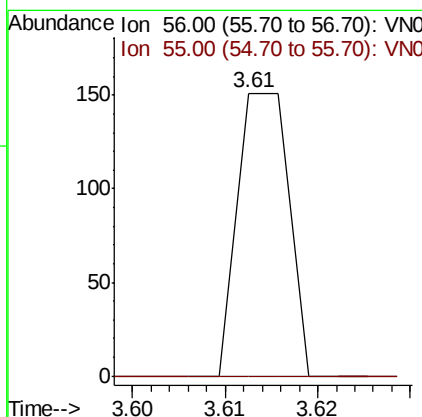
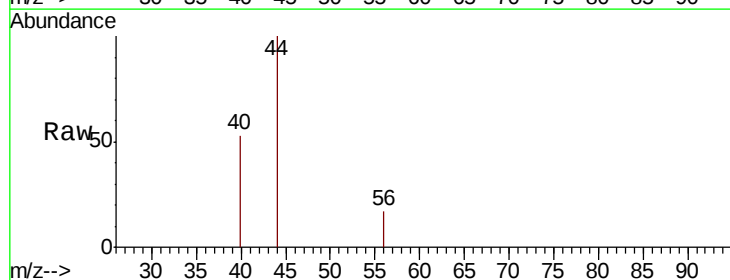
Tot Ion: 59 Resp: 372
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.9 11.9#

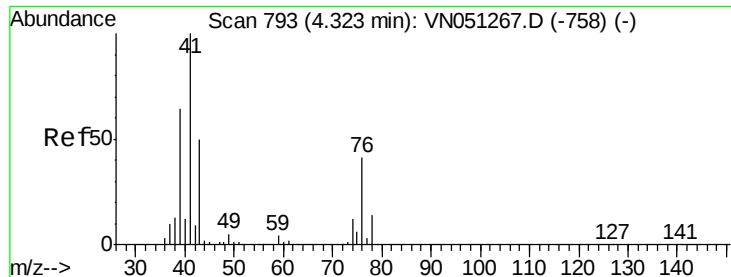


#13

Acrolein
 Concen: 10.49 ug/l
 RT: 3.61 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: VN051281.D
 Acq: 17 Sep 2018 19:51

Tgt Ion: 56 Resp: 58
 Ion Ratio Lower Upper
 56 100
 55 0.0 56.4 84.6#

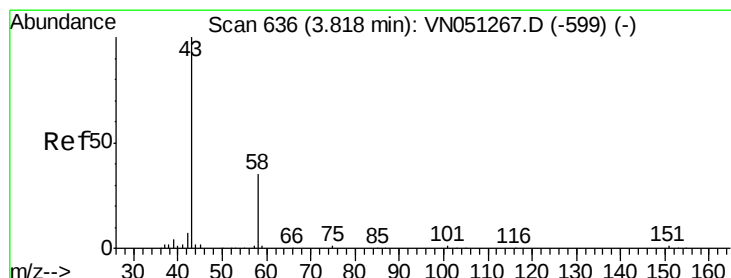
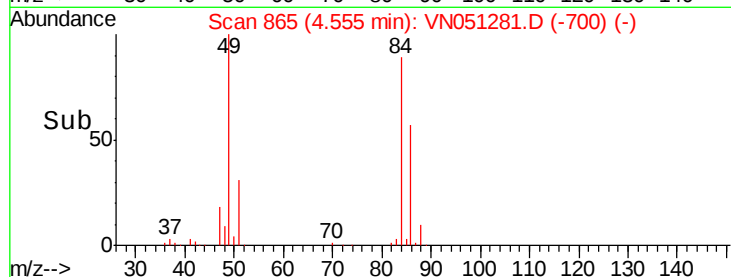
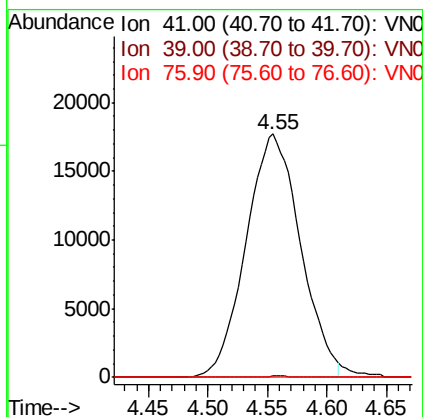
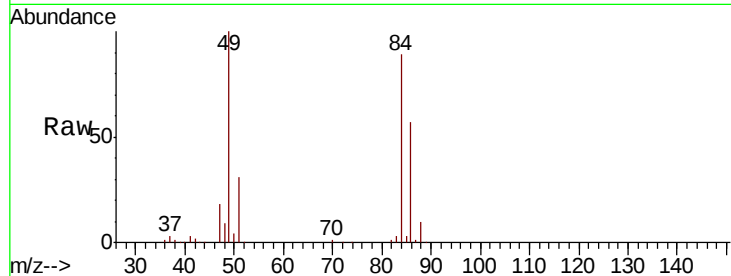




#14
Allvl chloride
Concen: 9.02 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.23 min
Lab File: VN051281.D
Acq: 17 Sep 2018 19:51

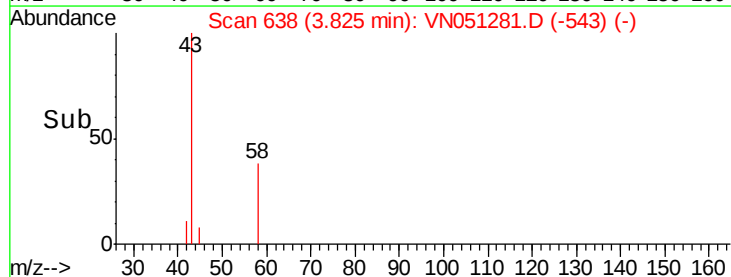
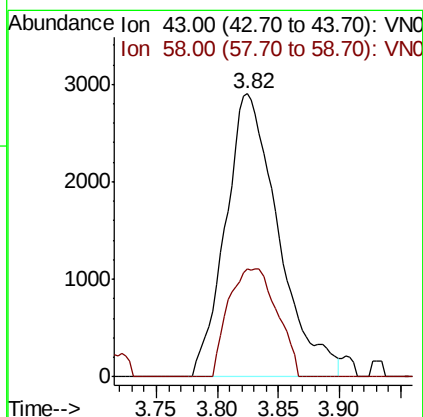
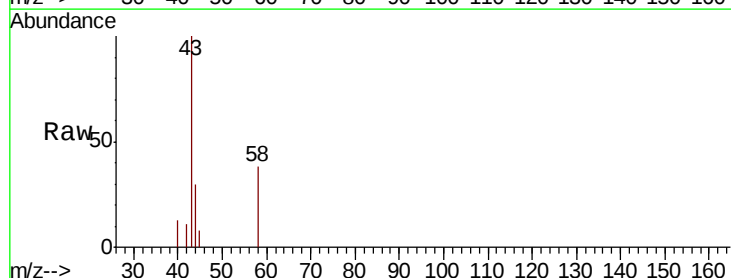
Instrument :
MSVOA_N
ClientSampled :

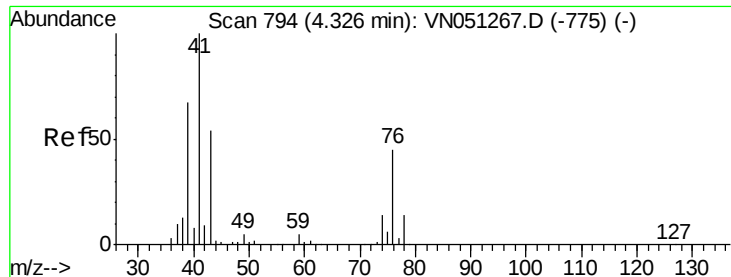
Tot Ion: 41 Resp: 56068
Ion Ratio Lower Upper
41 100
39 0.2 49.0 73.4#
76 0.0 31.4 47.0#



#16
Acetone
Concen: Below Cal
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN051281.D
Acq: 17 Sep 2018 19:51

Tgt Ion: 43 Resp: 8745
Ion Ratio Lower Upper
43 100
58 38.2 28.2 42.2

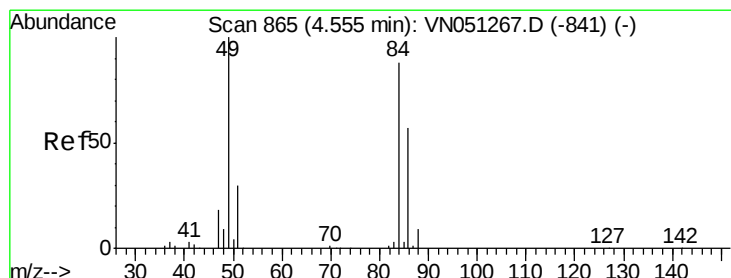
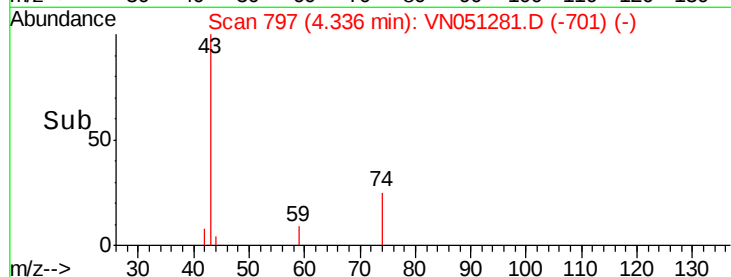
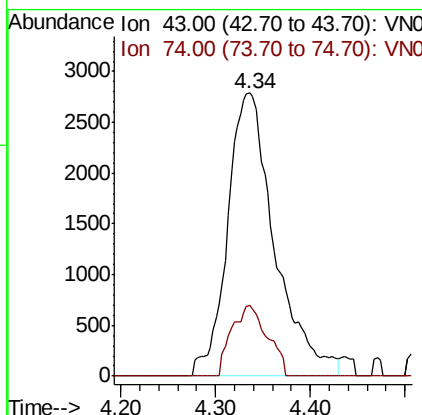
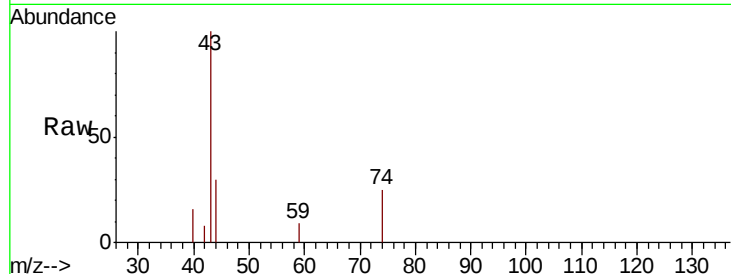




#18
Methyl Acetate
Concen: 2.44 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN051281.D
Acq: 17 Sep 2018 19:51

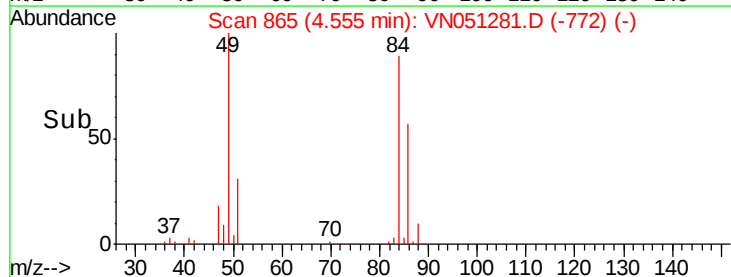
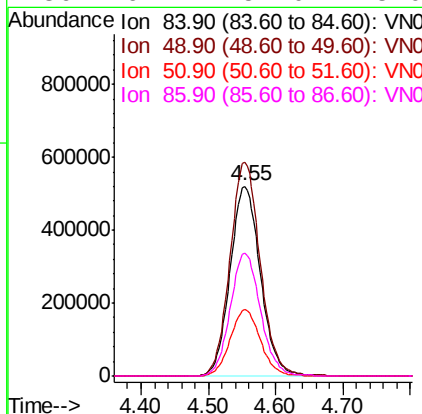
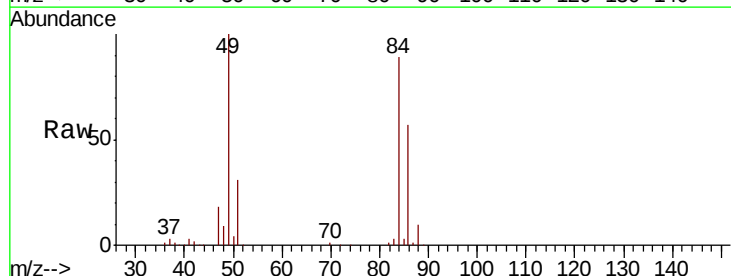
Instrument :
MSVOA_N
ClientSampleId :

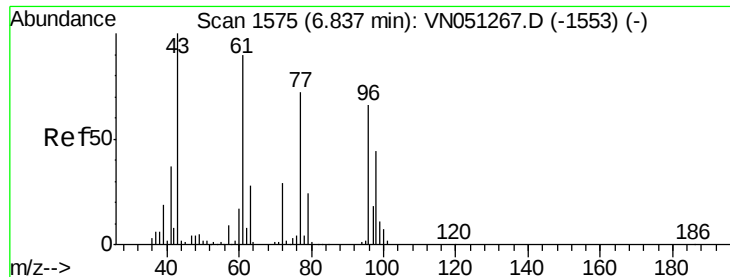
Tot Ion: 43 Resp: 9660
Ion Ratio Lower Upper
43 100
74 18.9 20.8 31.2#



#20
Methylene Chloride
Concen: 329.64 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051281.D
Acq: 17 Sep 2018 19:51

Tgt Ion: 84 Resp: 1631014
Ion Ratio Lower Upper
84 100
49 112.7 91.2 136.8
51 35.0 27.7 41.5
86 64.7 52.0 78.0





#25

2-Butanone

Concen: 3.37 ug/l

RT: 6.85 min Scan# 1579

Delta R.T. 0.01 min

Lab File: VN051281.D

Acq: 17 Sep 2018 19:51

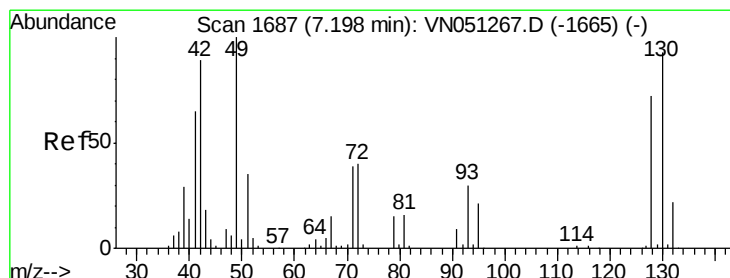
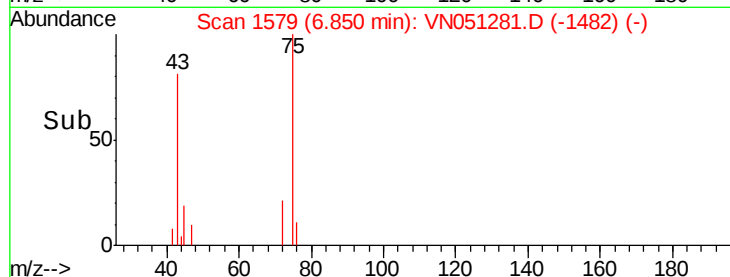
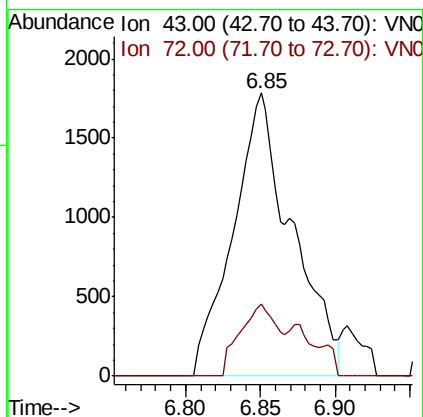
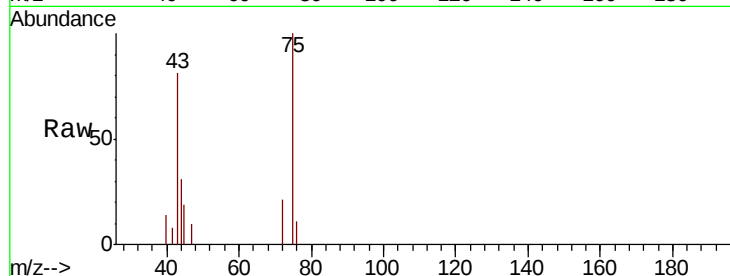
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 4874

Ion Ratio Lower Upper

43 100

72 25.4 23.4 35.0



#28

Bromochloromethane

Concen: 0.27 ug/l

RT: 7.20 min Scan# 1689

Delta R.T. 0.01 min

Lab File: VN051281.D

Acq: 17 Sep 2018 19:51

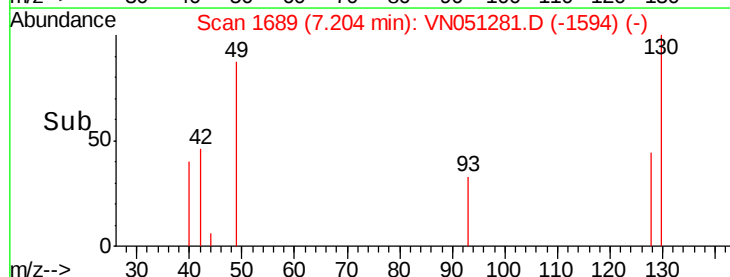
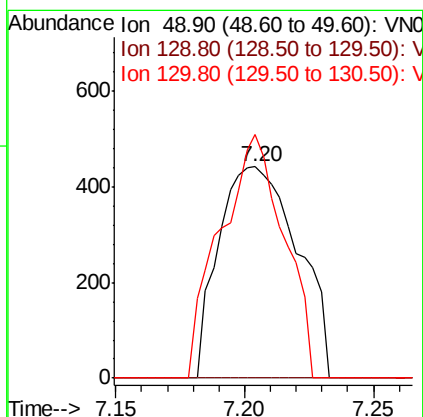
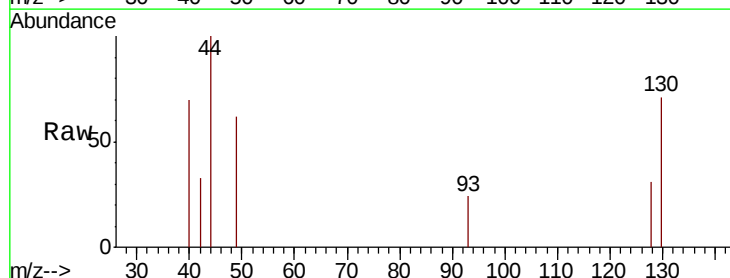
Tgt Ion: 49 Resp: 941

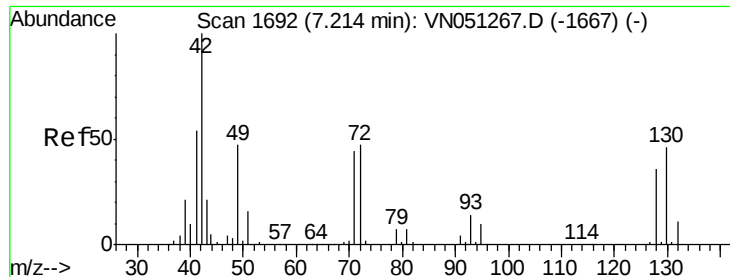
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 93.2 73.7 110.5

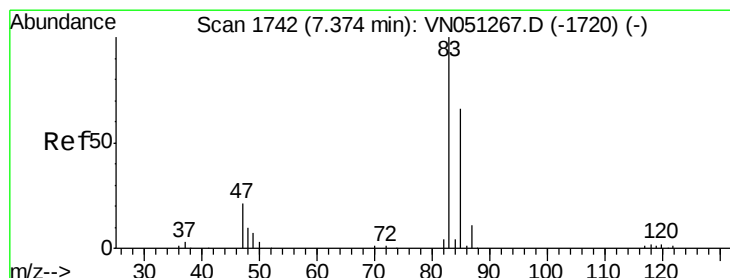
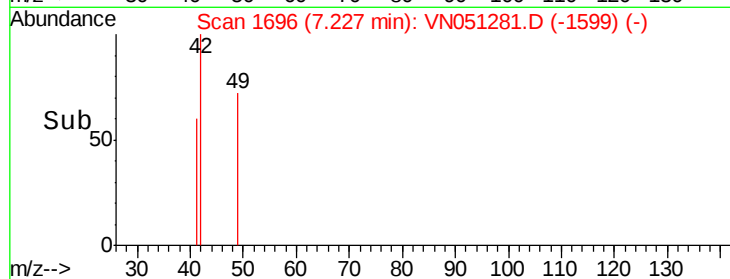
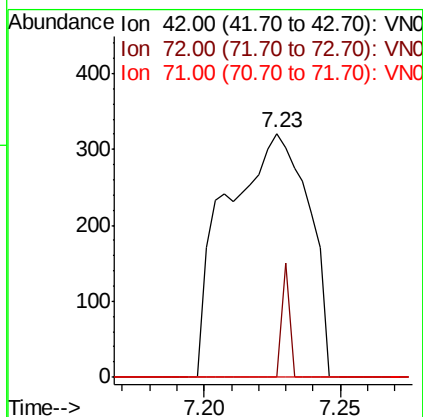
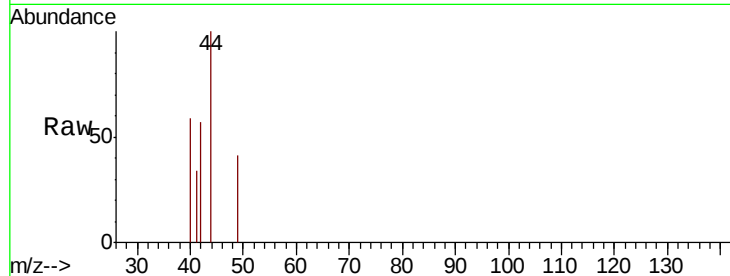




#29
Tetrahydrofuran
Concen: 0.75 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.01 min
Lab File: VN051281.D
Acq: 17 Sep 2018 19:51

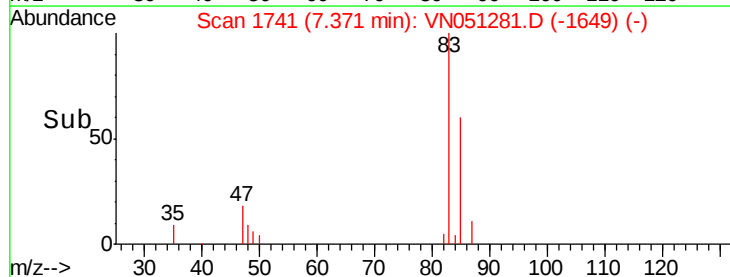
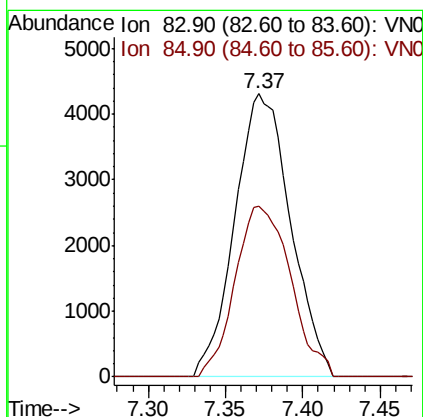
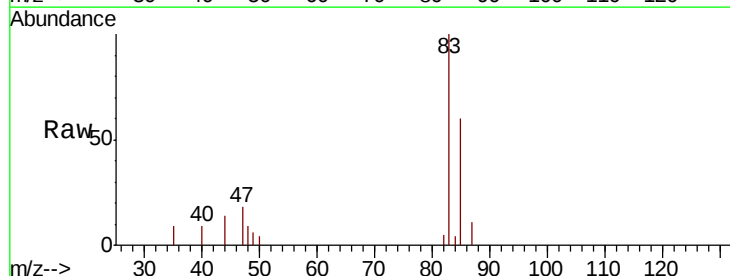
Instrument :
MSVOA_N
ClientSampleId :

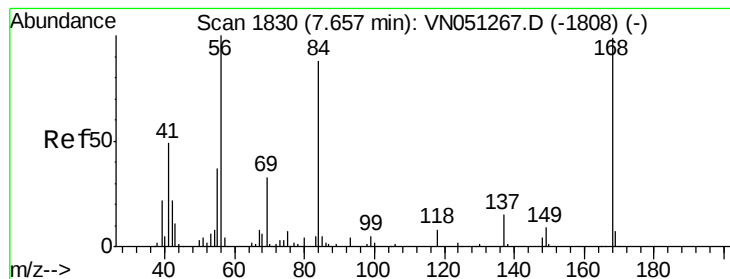
Tot Ion: 42 Resp: 672
Ion Ratio Lower Upper
42 100
72 4.3 37.6 56.4#
71 0.0 35.4 53.2#



#30
Chloroform
Concen: 1.32 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN051281.D
Acq: 17 Sep 2018 19:51

Tgt Ion: 83 Resp: 10830
Ion Ratio Lower Upper
83 100
85 60.3 52.4 78.6





#31

Cyclohexane

Concen: 0.83 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.01 min

Lab File: VN051281.D

Acq: 17 Sep 2018 19:51

Instrument :

MSVOA_N

ClientSampled :

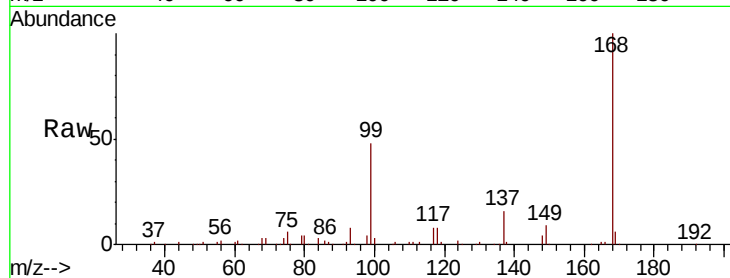
Tot Ion: 56 Resp: 6569

Ion Ratio Lower Upper

56 100

69 213.5 26.2 39.2#

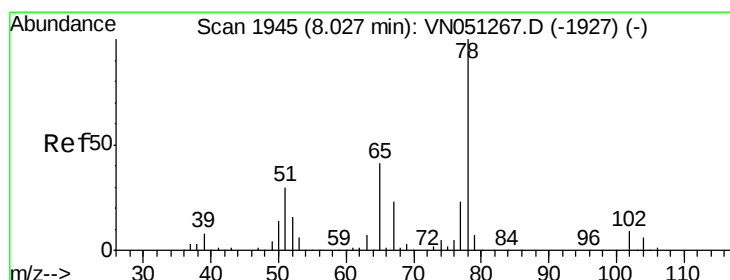
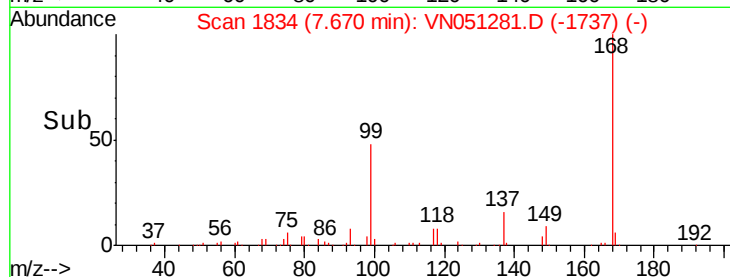
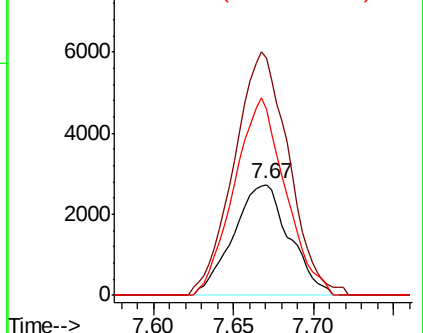
84 167.6 70.6 106.0#



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: 50.09 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051281.D

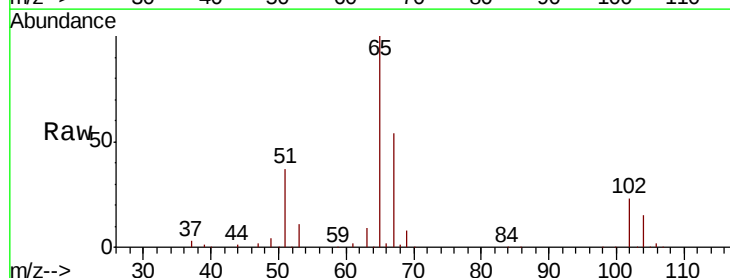
Acq: 17 Sep 2018 19:51

Tgt Ion: 65 Resp: 226433

Ion Ratio Lower Upper

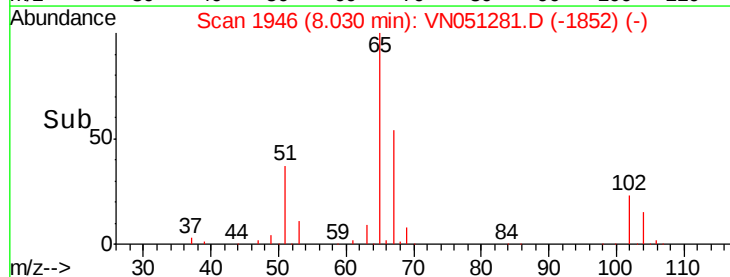
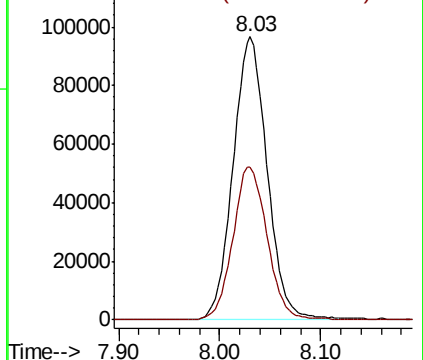
65 100

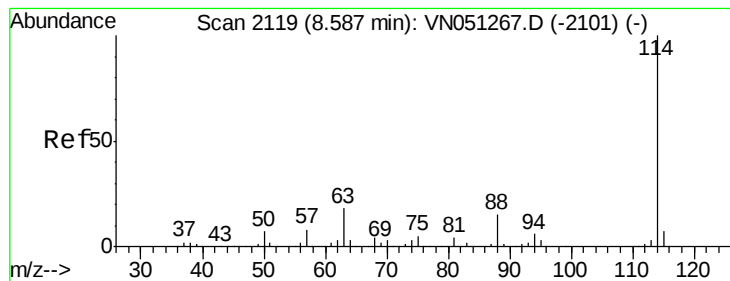
67 54.4 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN051281.D

Acq: 17 Sep 2018 19:51

Instrument :

MSVOA_N

ClientSampleId :

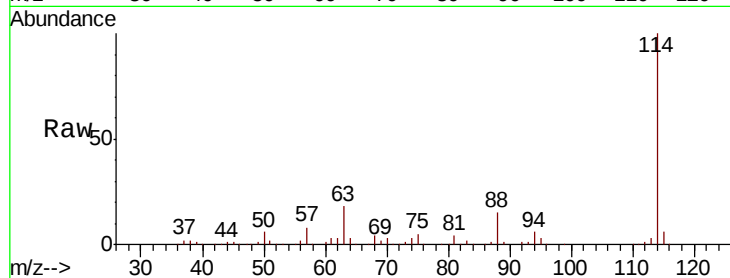
Tot Ion:114 Resp: 642720

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.8

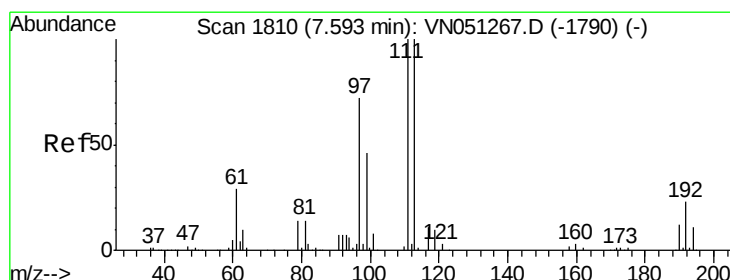
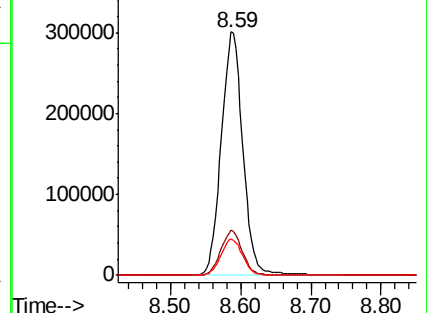
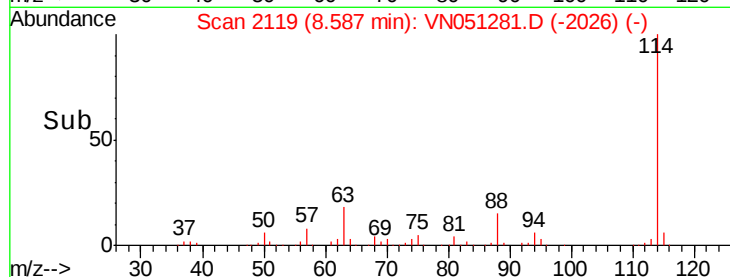
88 15.0 0.0 30.8



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: 48.74 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051281.D

Acq: 17 Sep 2018 19:51

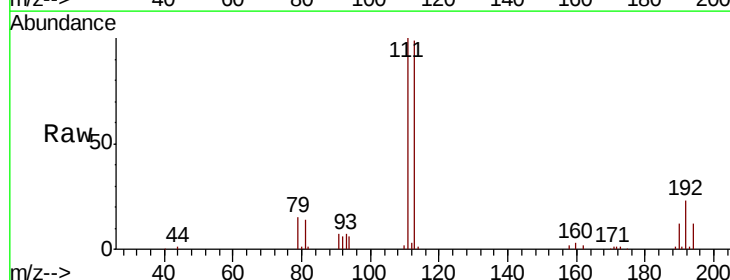
Tgt Ion:113 Resp: 243428

Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

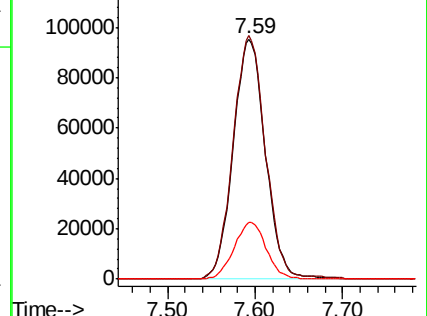
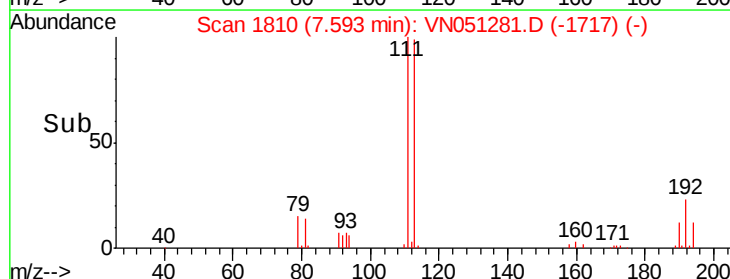
192 23.5 19.0 28.6

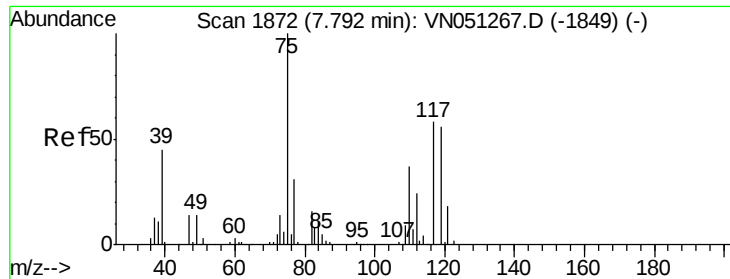


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

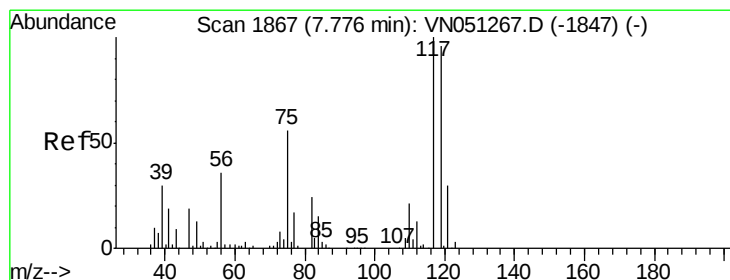
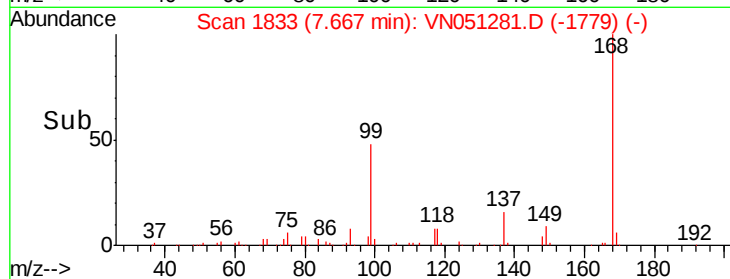
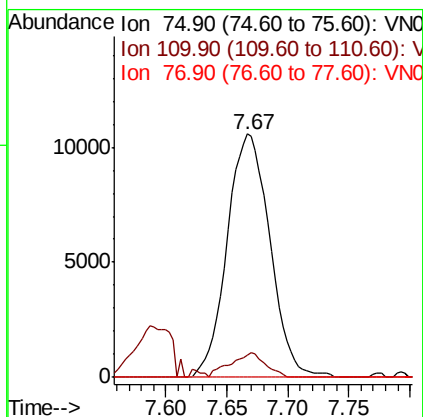
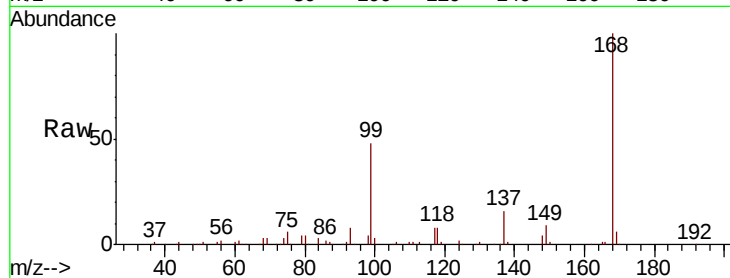




#36
 1,1-Dichloropropene
 Concen: 3.71 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051281.D
 Acq: 17 Sep 2018 19:51

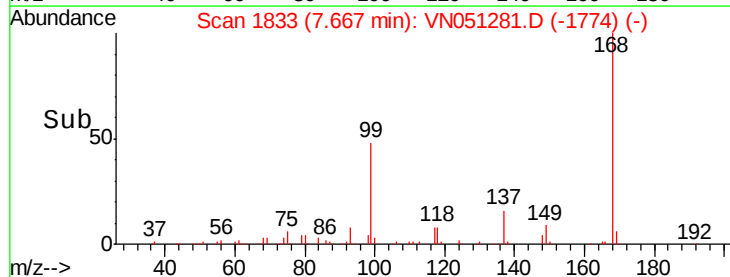
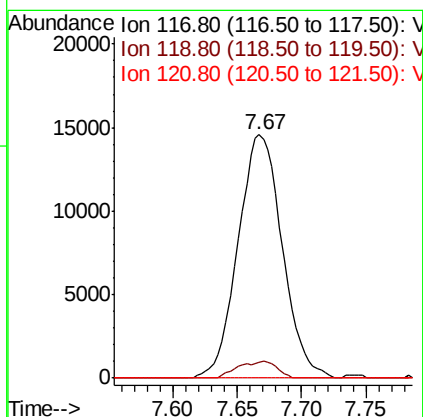
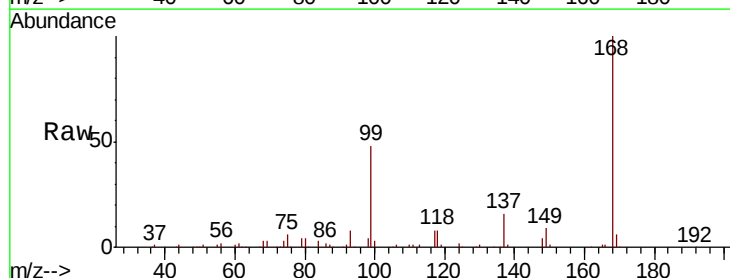
Instrument :
 MSVOA_N
 ClientSampled :

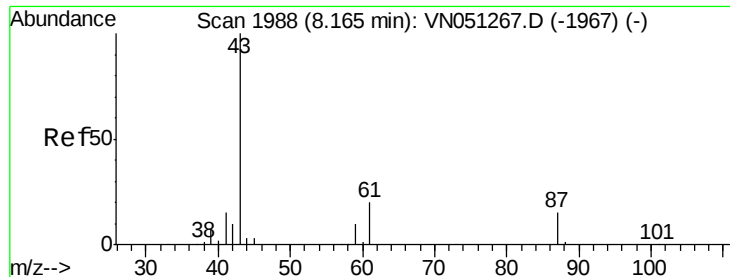
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.6	56.0#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 4.80 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN051281.D
 Acq: 17 Sep 2018 19:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.5	76.8	115.2#
121	0.0	24.2	36.2#



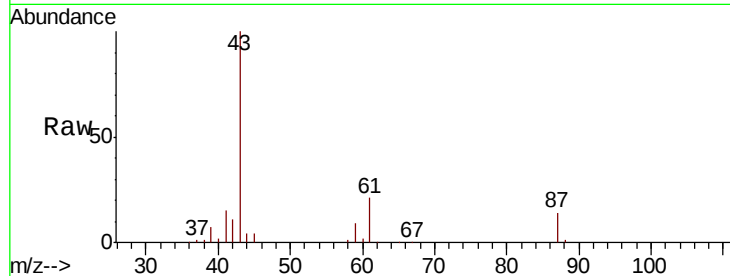


#43

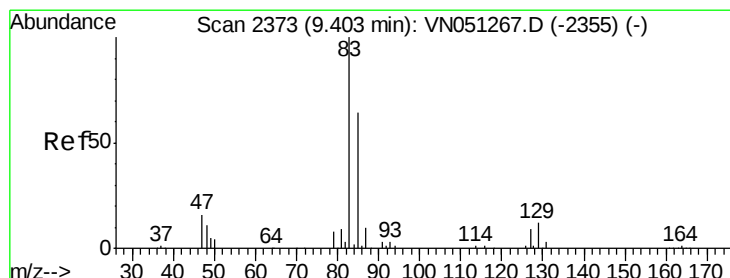
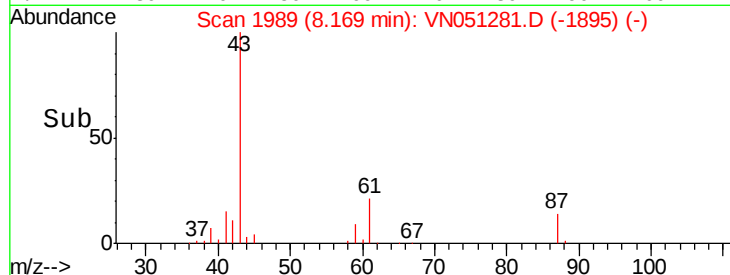
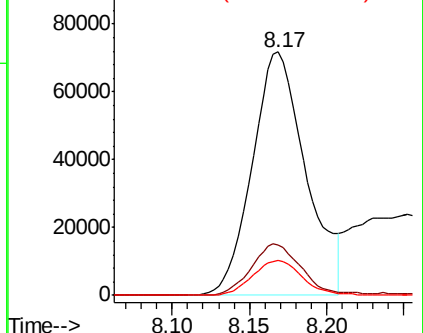
Isopropyl Acetate
 Concen: 28.03 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN051281.D
 Acq: 17 Sep 2018 19:51

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 43 Resp: 173498
 Ion Ratio Lower Upper
 43 100
 61 19.7 17.4 26.2
 87 13.2 12.2 18.4



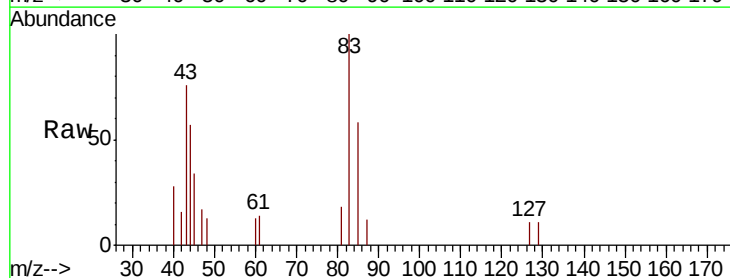
Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO



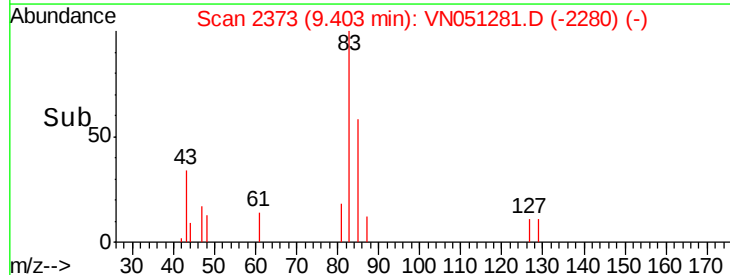
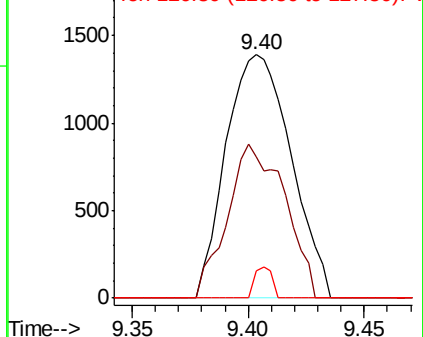
#47

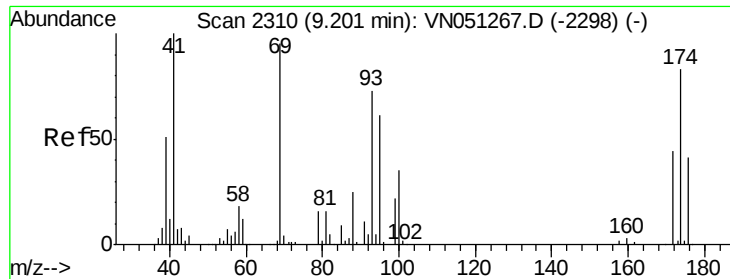
Bromodichloromethane
 Concen: 0.40 ug/l
 RT: 9.40 min Scan# 2373
 Delta R.T. 0.00 min
 Lab File: VN051281.D
 Acq: 17 Sep 2018 19:51

Tgt Ion: 83 Resp: 2707
 Ion Ratio Lower Upper
 83 100
 85 57.9 51.0 76.4
 127 11.3 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): V

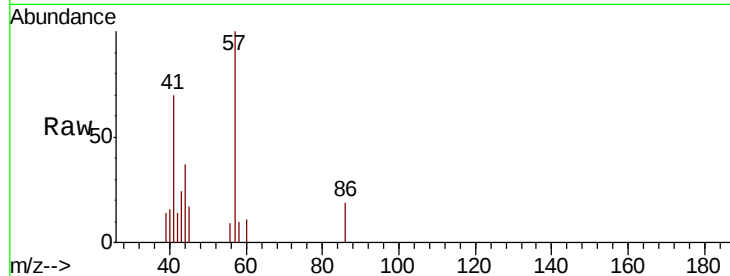




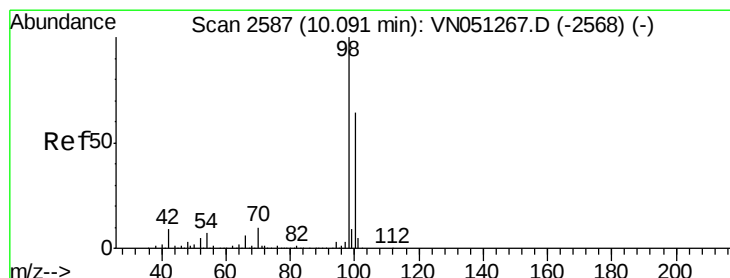
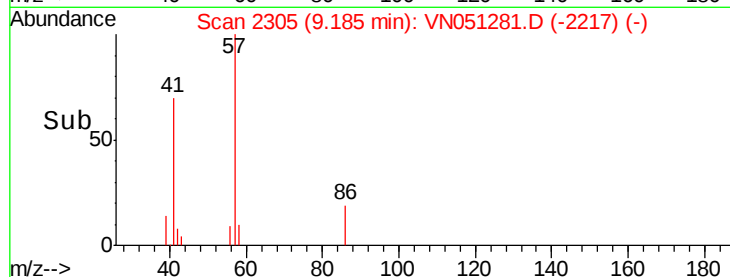
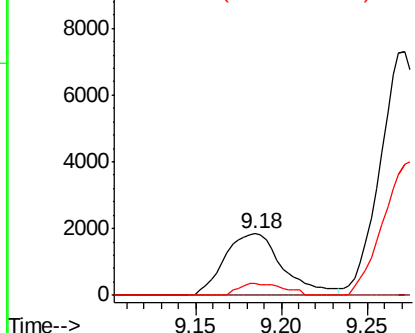
#48
Methyl methacrylate
Concen: 1.46 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN051281.D
Acq: 17 Sep 2018 19:51

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 4362
Ion Ratio Lower Upper
41 100
69 0.0 78.9 118.3#
39 14.9 42.2 63.2#

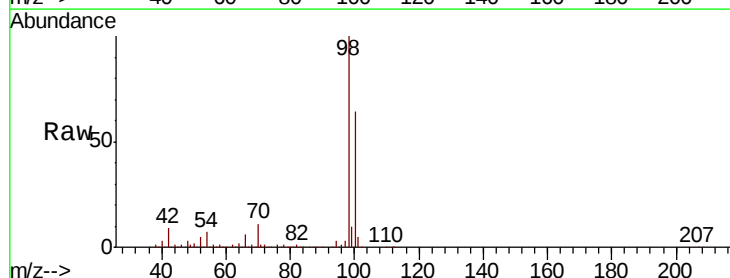


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

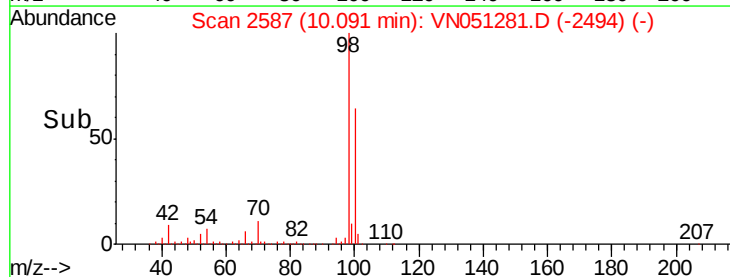
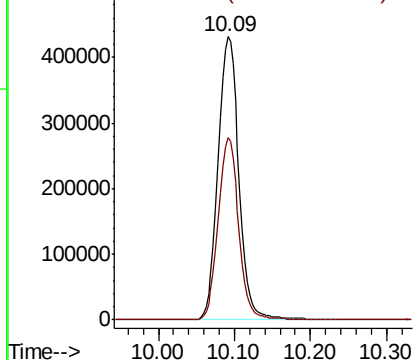


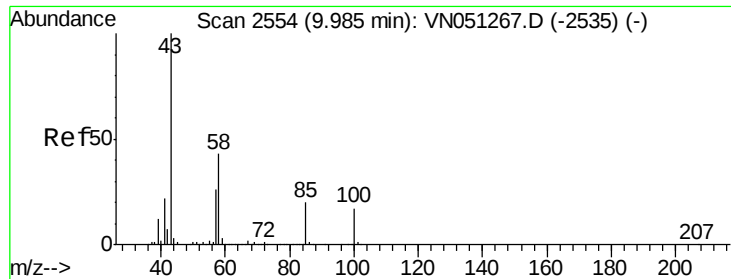
#50
Toluene-d8
Concen: 44.47 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051281.D
Acq: 17 Sep 2018 19:51

Tgt Ion: 98 Resp: 820902
Ion Ratio Lower Upper
98 100
100 63.4 51.6 77.4



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: 0.46 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN051281.D

Acq: 17 Sep 2018 19:51

Instrument :

MSVOA_N

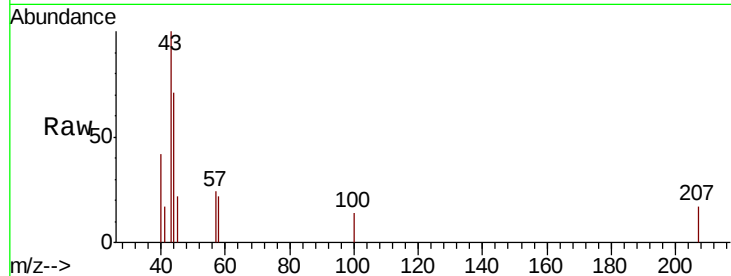
ClientSampleId :

Tot Ion: 43 Resp: 1480

Ion Ratio Lower Upper

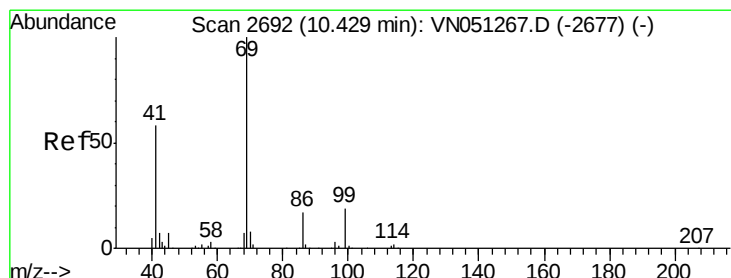
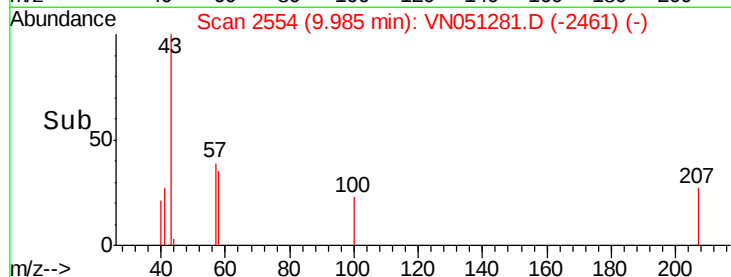
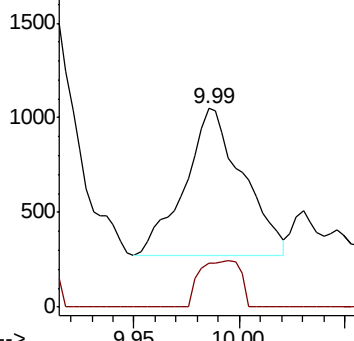
43 100

58 22.4 33.8 50.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#56

Ethyl methacrylate

Concen: 2.23 ug/l

RT: 10.23 min Scan# 2630

Delta R.T. -0.20 min

Lab File: VN051281.D

Acq: 17 Sep 2018 19:51

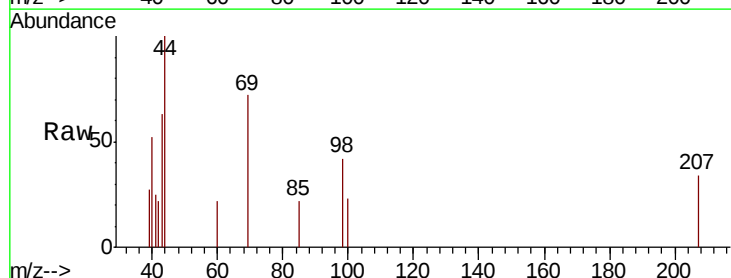
Tgt Ion: 69 Resp: 940

Ion Ratio Lower Upper

69 100

41 37.3 47.4 71.0#

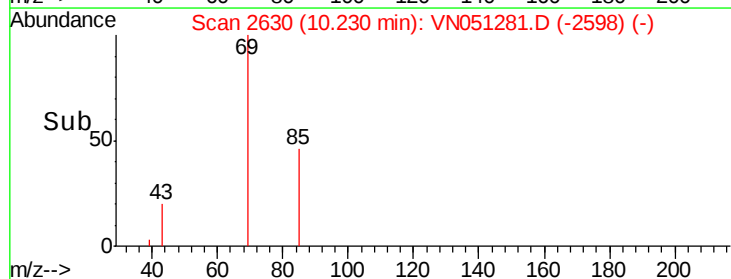
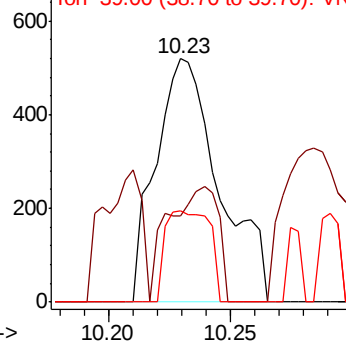
39 26.1 23.7 35.5

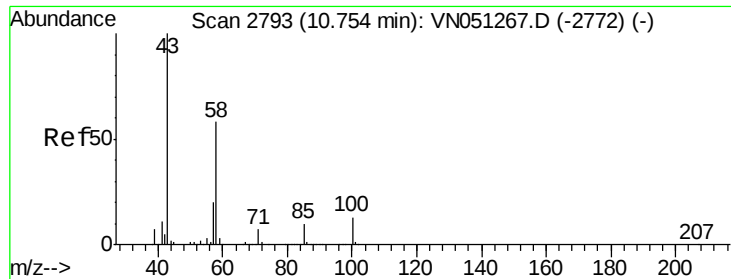


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

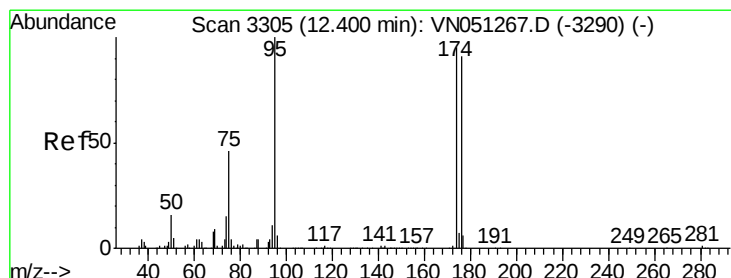
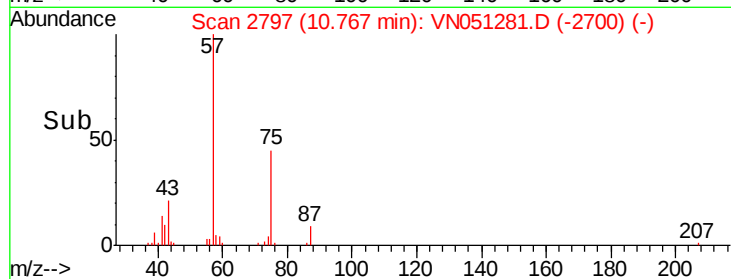
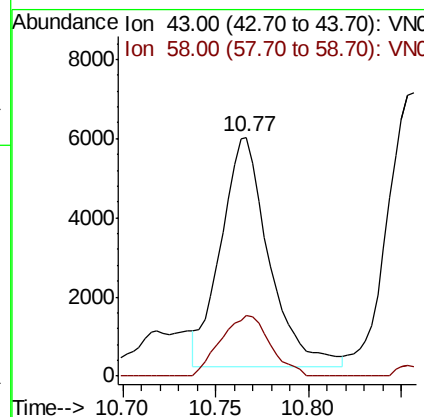
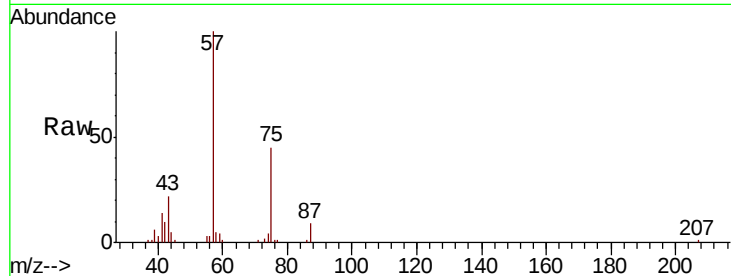




#59
2-Hexanone
Concen: 4.96 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN051281.D
Acq: 17 Sep 2018 19:51

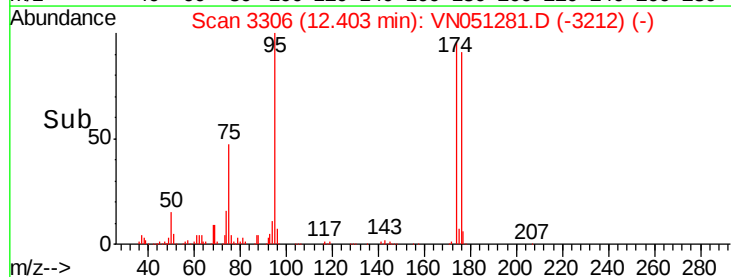
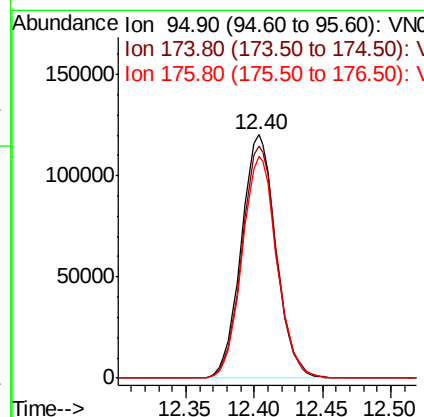
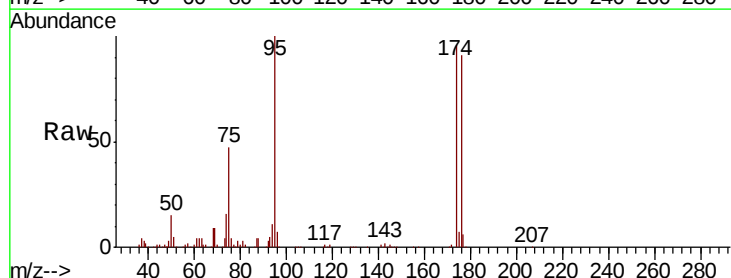
Instrument :
MSVOA_N
ClientSampled :

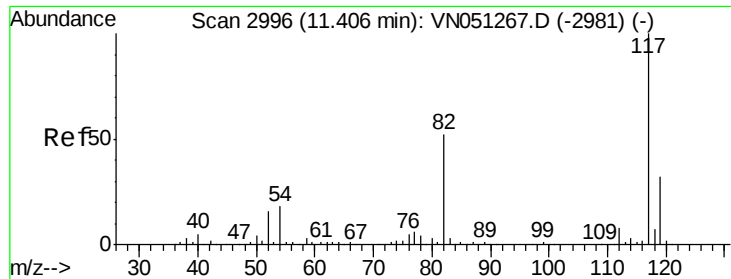
Tot Ion: 43 Resp: 10426
Ion Ratio Lower Upper
43 100
58 27.1 28.9 86.8#



#62
4-Bromofluorobenzene
Concen: 35.98 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051281.D
Acq: 17 Sep 2018 19:51

Tgt Ion: 95 Resp: 211290
Ion Ratio Lower Upper
95 100
174 96.3 0.0 189.6
176 91.4 0.0 182.6

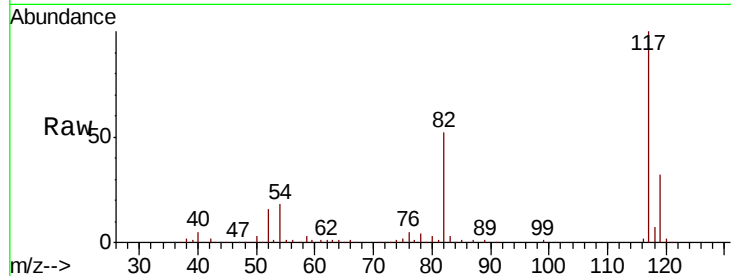




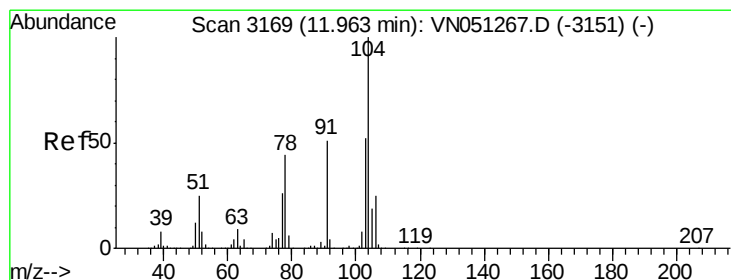
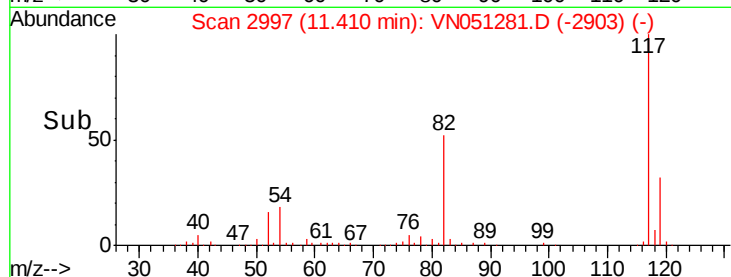
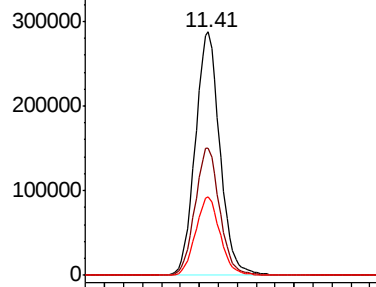
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051281.D
Acq: 17 Sep 2018 19:51

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 519254
Ion Ratio Lower Upper
117 100
82 52.3 41.8 62.8
119 32.1 25.6 38.4

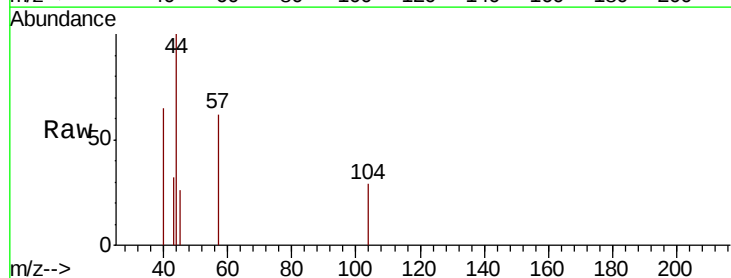


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

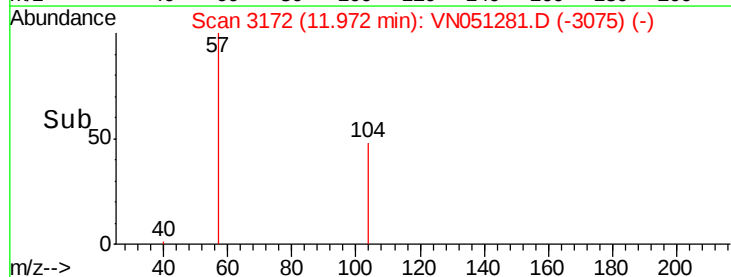
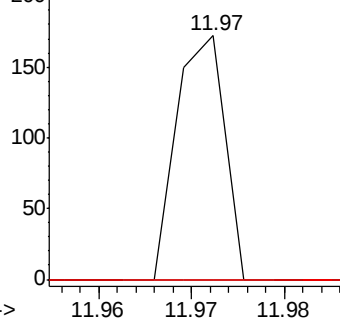


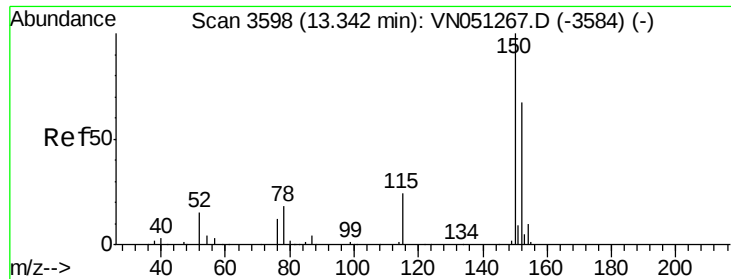
#70
Styrene
Concen: 1.25 ug/l
RT: 11.97 min Scan# 3172
Delta R.T. 0.01 min
Lab File: VN051281.D
Acq: 17 Sep 2018 19:51

Tgt Ion:104 Resp: 62
Ion Ratio Lower Upper
104 100
78 0.0 38.1 57.1#
103 0.0 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



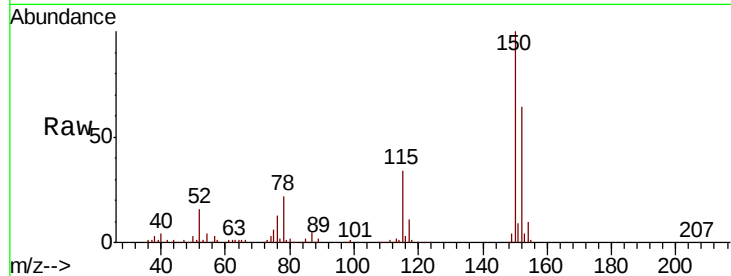


#72

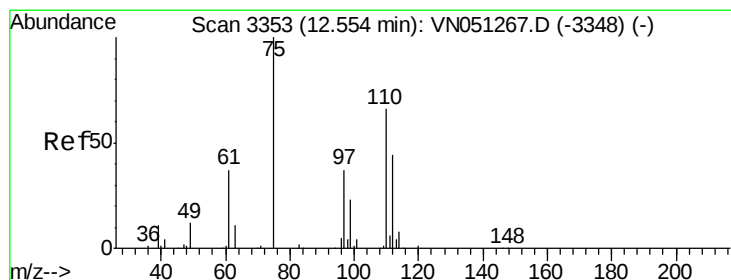
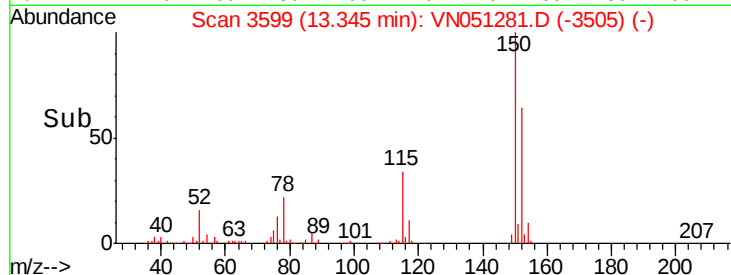
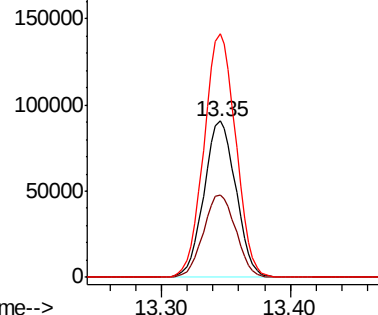
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051281.D
Acq: 17 Sep 2018 19:51

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:152 Resp: 155638
Ion Ratio Lower Upper
152 100
115 53.7 27.1 81.2
150 155.6 0.0 349.0



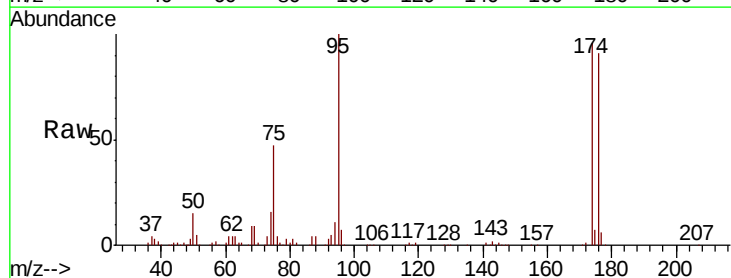
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



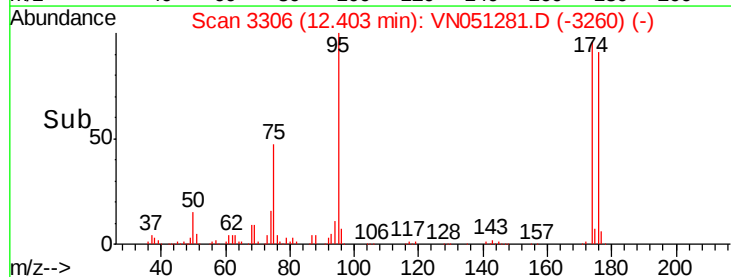
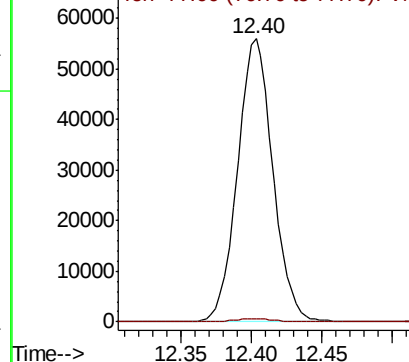
#76

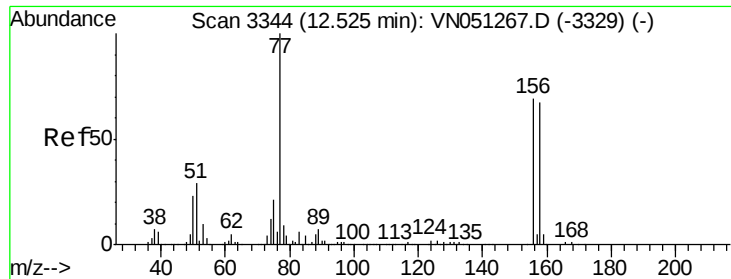
1,2,3-Trichloropropane
Concen: 45.92 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN051281.D
Acq: 17 Sep 2018 19:51

Tgt Ion: 75 Resp: 98188
Ion Ratio Lower Upper
75 100
77 1.2 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: VN051281.D

Acq: 17 Sep 2018 19:51

Instrument :

MSVOA_N

ClientSampleId :

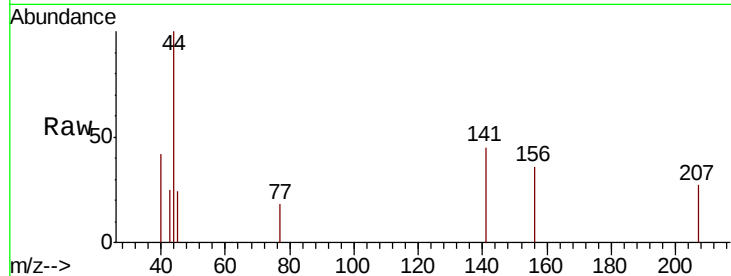
Tot Ion:156 Resp: 501

Ion Ratio Lower Upper

156 100

77 30.3 83.7 251.1#

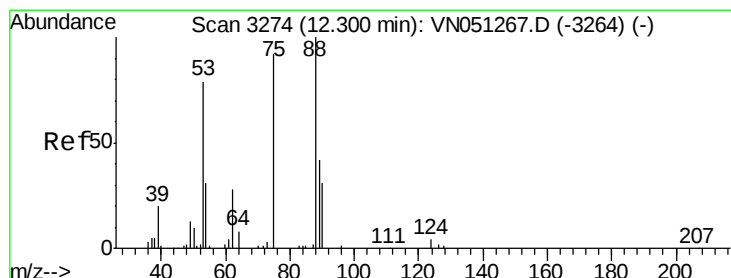
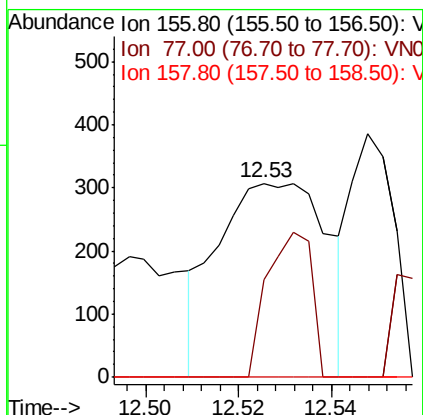
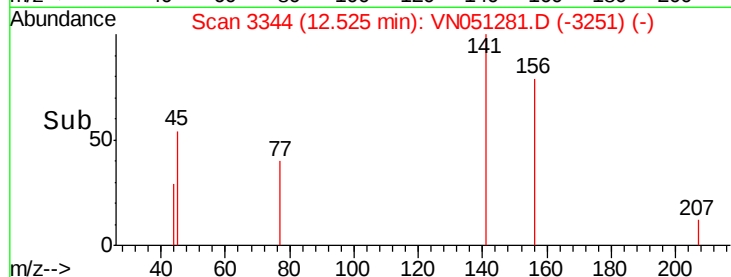
158 0.0 49.0 147.2#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 140.12 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN051281.D

Acq: 17 Sep 2018 19:51

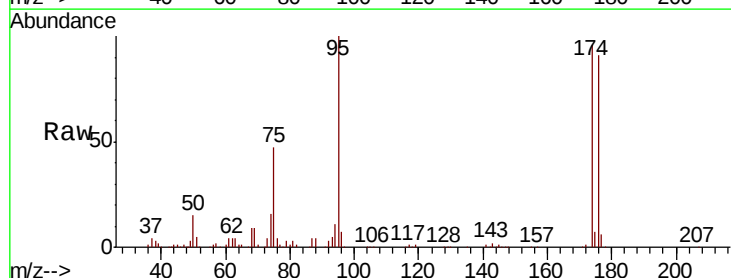
Tgt Ion: 75 Resp: 98188

Ion Ratio Lower Upper

75 100

53 0.0 67.7 101.5#

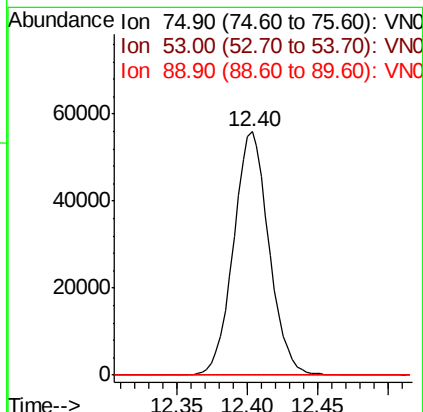
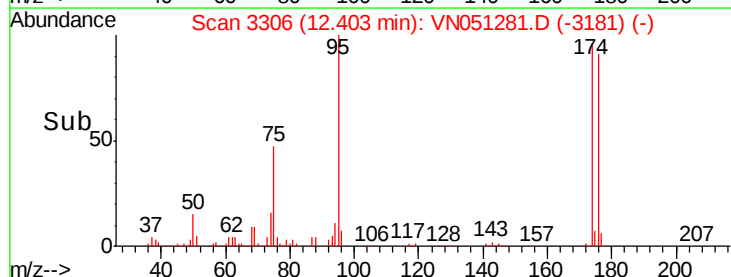
89 0.0 36.9 55.3#

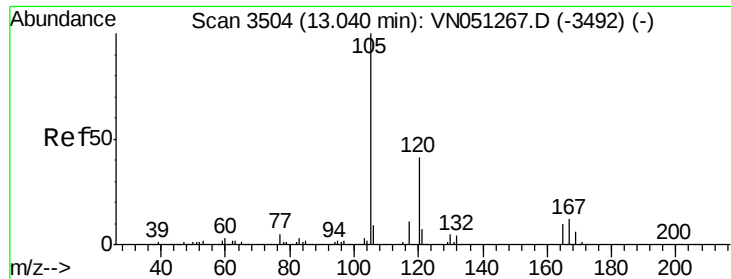


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 53.00 (52.70 to 53.70): V

Ion 88.90 (88.60 to 89.60): V





#84

1,2,4-Trimethylbenzene

Concen: 0.35 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN051281.D

Acq: 17 Sep 2018 19:51

Instrument :

MSVOA_N

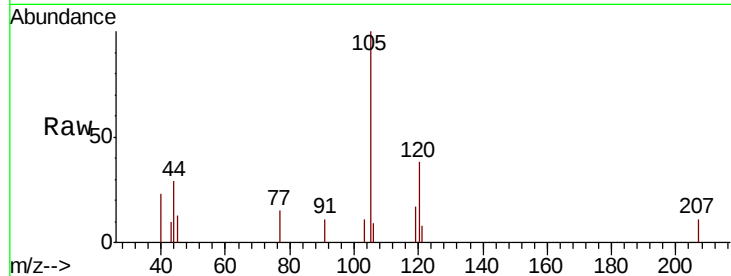
ClientSampled :

Tot Ion:105 Resp: 3523

Ion Ratio Lower Upper

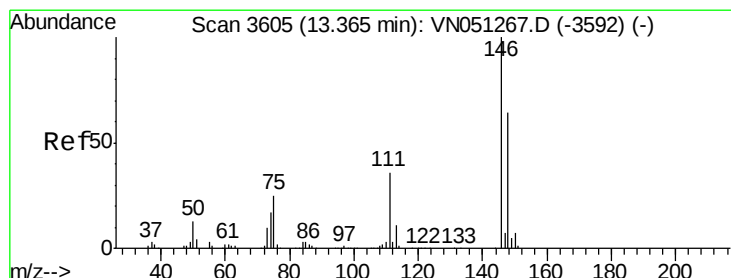
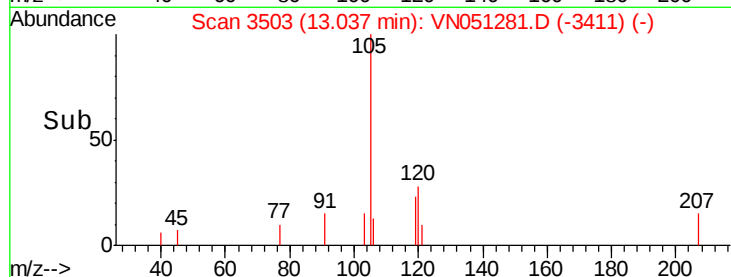
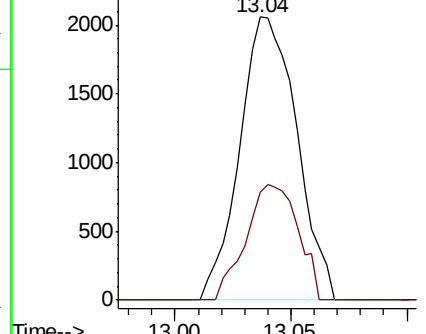
105 100

120 37.5 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#88

1,4-Dichlorobenzene

Concen: 0.44 ug/l

RT: 13.37 min Scan# 3607

Delta R.T. 0.01 min

Lab File: VN051281.D

Acq: 17 Sep 2018 19:51

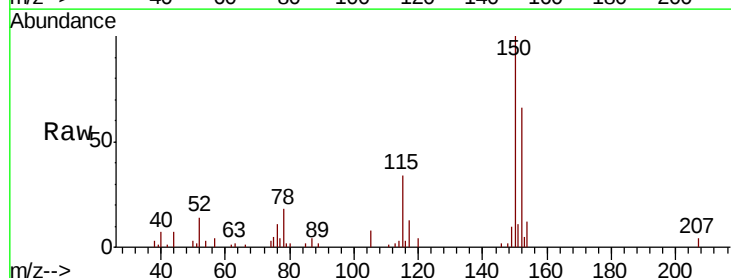
Tgt Ion:146 Resp: 172

Ion Ratio Lower Upper

146 100

111 0.0 18.2 54.6#

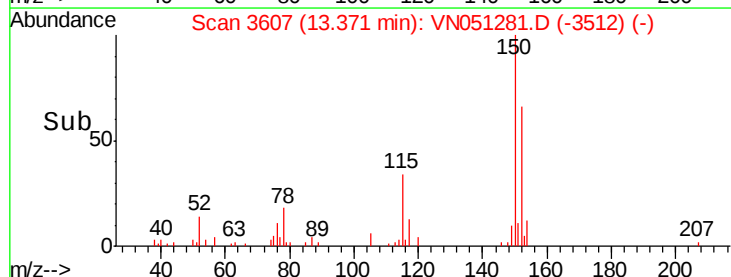
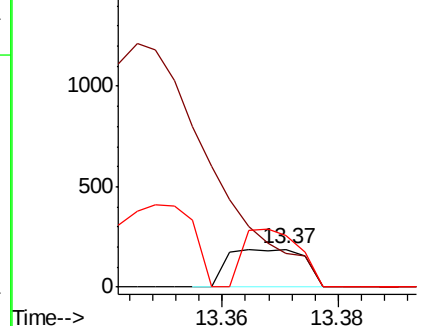
148 112.8 31.9 95.7#

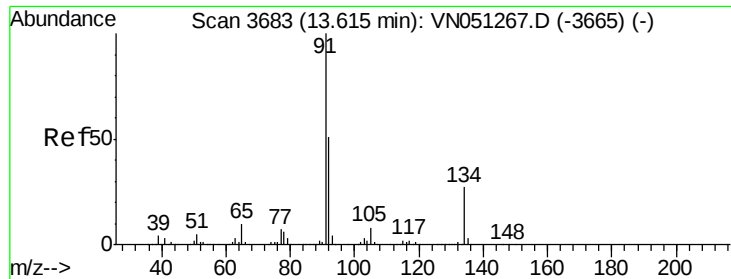


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

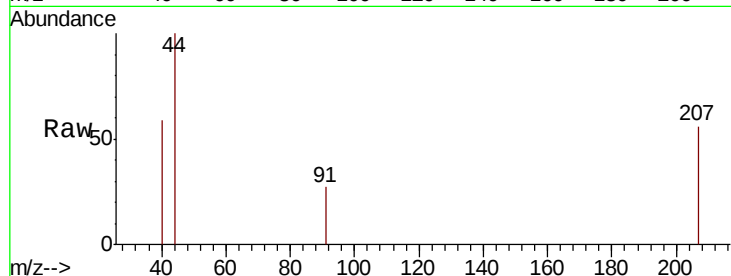




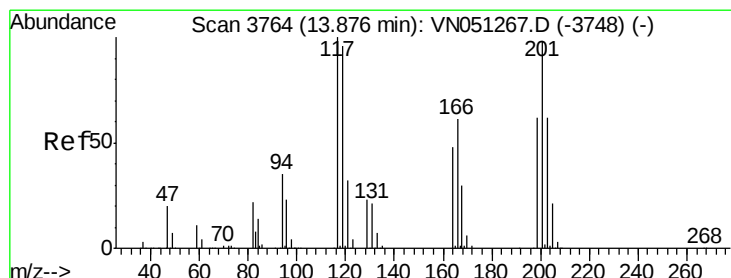
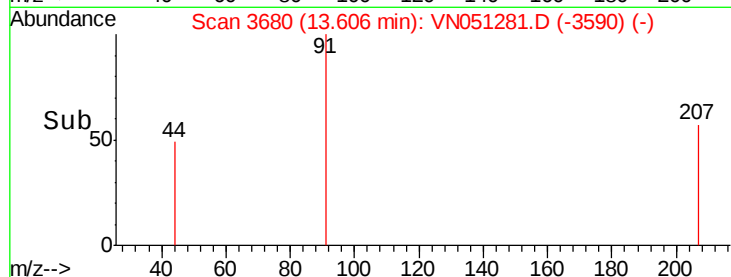
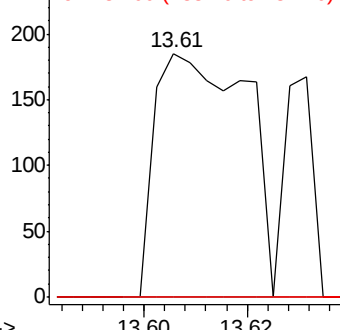
#89
 n-Butylbenzene
 Concen: 2.04 ug/l
 RT: 13.61 min Scan# 3680
 Delta R.T. -0.01 min
 Lab File: VN051281.D
 Acq: 17 Sep 2018 19:51

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 91 Resp: 226
 Ion Ratio Lower Upper
 91 100
 92 0.0 25.8 77.4#
 134 0.0 13.7 41.0#

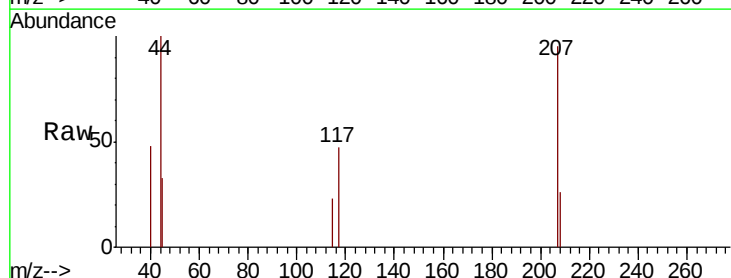


Abundance Ion 91.00 (90.70 to 91.70): VN051267.D (-3665) (-)
 Ion 92.00 (91.70 to 92.70): VN051267.D (-3665) (-)
 Ion 134.00 (133.70 to 134.70): VN051267.D (-3665) (-)

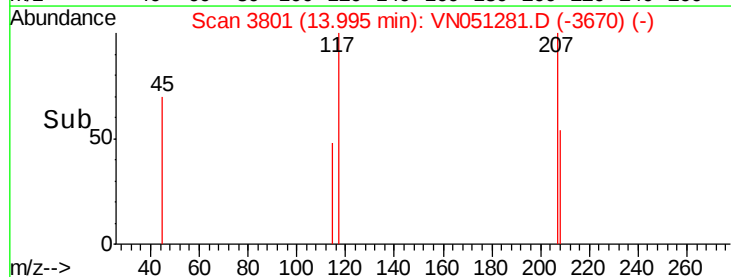
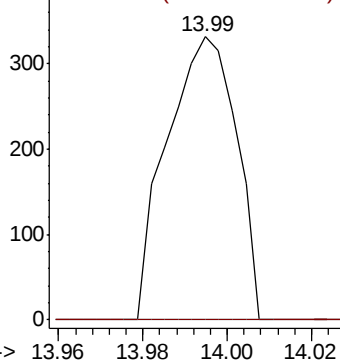


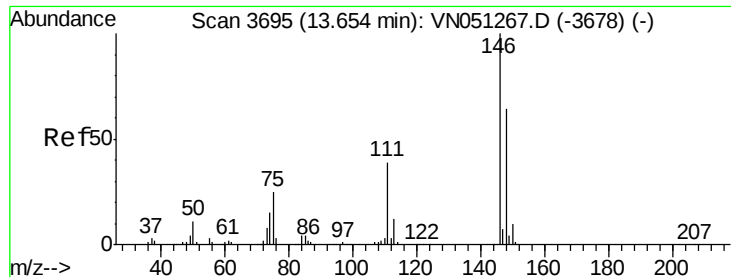
#90
 Hexachloroethane
 Concen: Below Cal
 RT: 13.99 min Scan# 3801
 Delta R.T. 0.12 min
 Lab File: VN051281.D
 Acq: 17 Sep 2018 19:51

Tgt Ion: 117 Resp: 379
 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) (-)





#91

1,2-Dichlorobenzene

Concen: Below Cal

RT: 13.65 min Scan# 3693

Delta R.T. -0.01 min

Lab File: VN051281.D

Acq: 17 Sep 2018 19:51

Instrument :

MSVOA_N

ClientSampled :

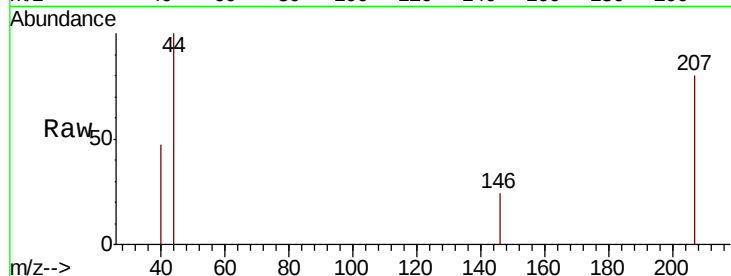
Tot Ion:146 Resp: 95

Ion Ratio Lower Upper

146 100

111 0.0 19.6 58.7#

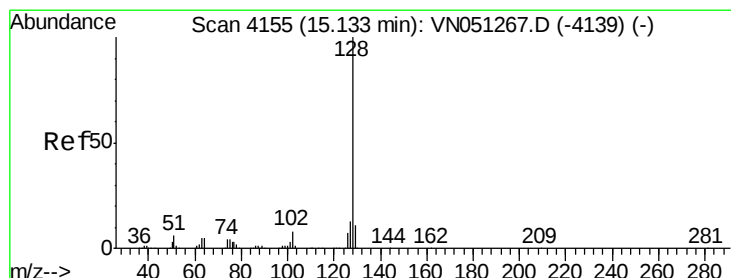
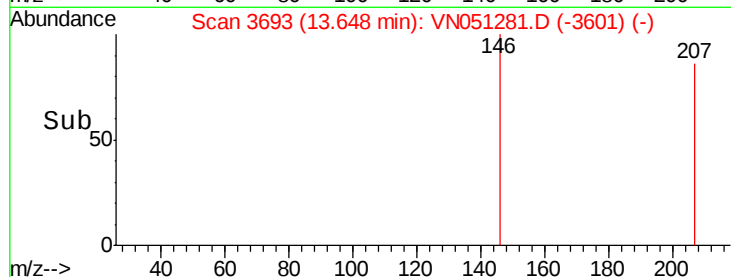
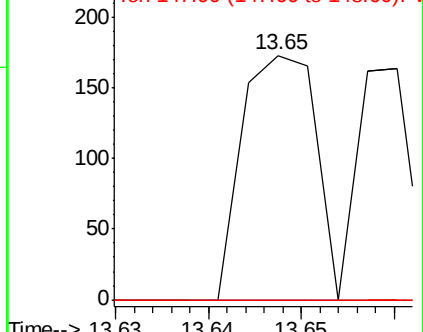
148 0.0 31.9 95.9#



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



#95

Naphthalene

Concen: 7.07 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN051281.D

Acq: 17 Sep 2018 19:51

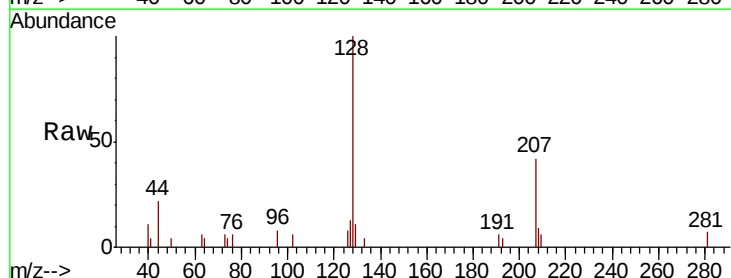
Tgt Ion:128 Resp: 6330

Ion Ratio Lower Upper

128 100

127 12.2 10.7 16.1

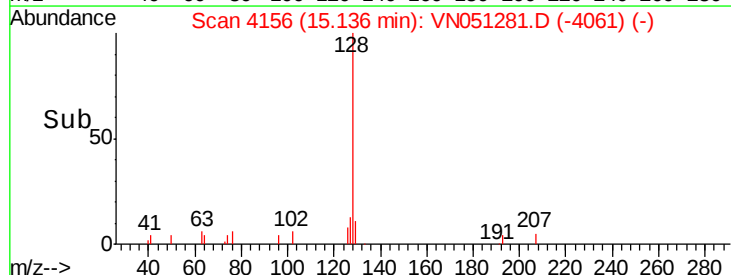
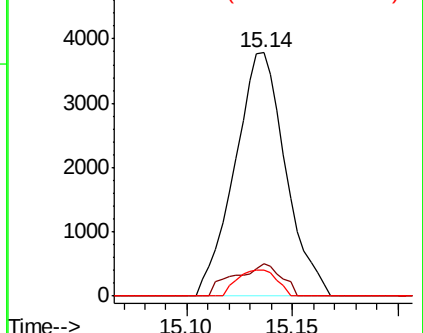
129 8.4 8.9 13.3#

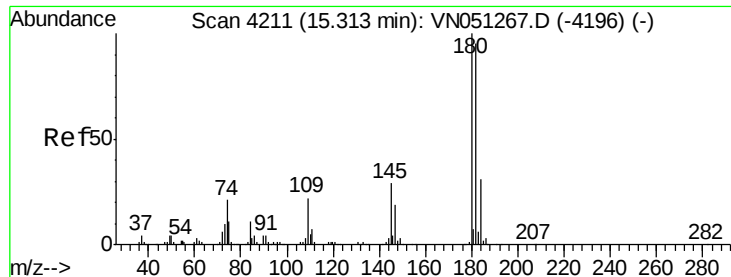


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 3.89 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN051281.D
 Acq: 17 Sep 2018 19:51

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	89.2	47.5	142.6
145	0.0	14.8	44.4

