

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070318\
 Data File : VN049697.D
 Acq On : 3 Jul 2018 16:47
 Operator : MD\SY
 Sample : PB110796 TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 03 23:07:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:55:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1437492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2323695	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1883967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	651060	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	969359	51.06	ug/l	0.00
Spiked Amount			Recovery	=	102.12%	
35) Dibromofluoromethane	7.59	113	804991	46.34	ug/l	0.00
Spiked Amount			Recovery	=	92.68%	
50) Toluene-d8	10.09	98	3103079	45.63	ug/l	0.00
Spiked Amount			Recovery	=	91.26%	
62) 4-Bromofluorobenzene	12.41	95	873929	37.64	ug/l	0.00
Spiked Amount			Recovery	=	75.28%	

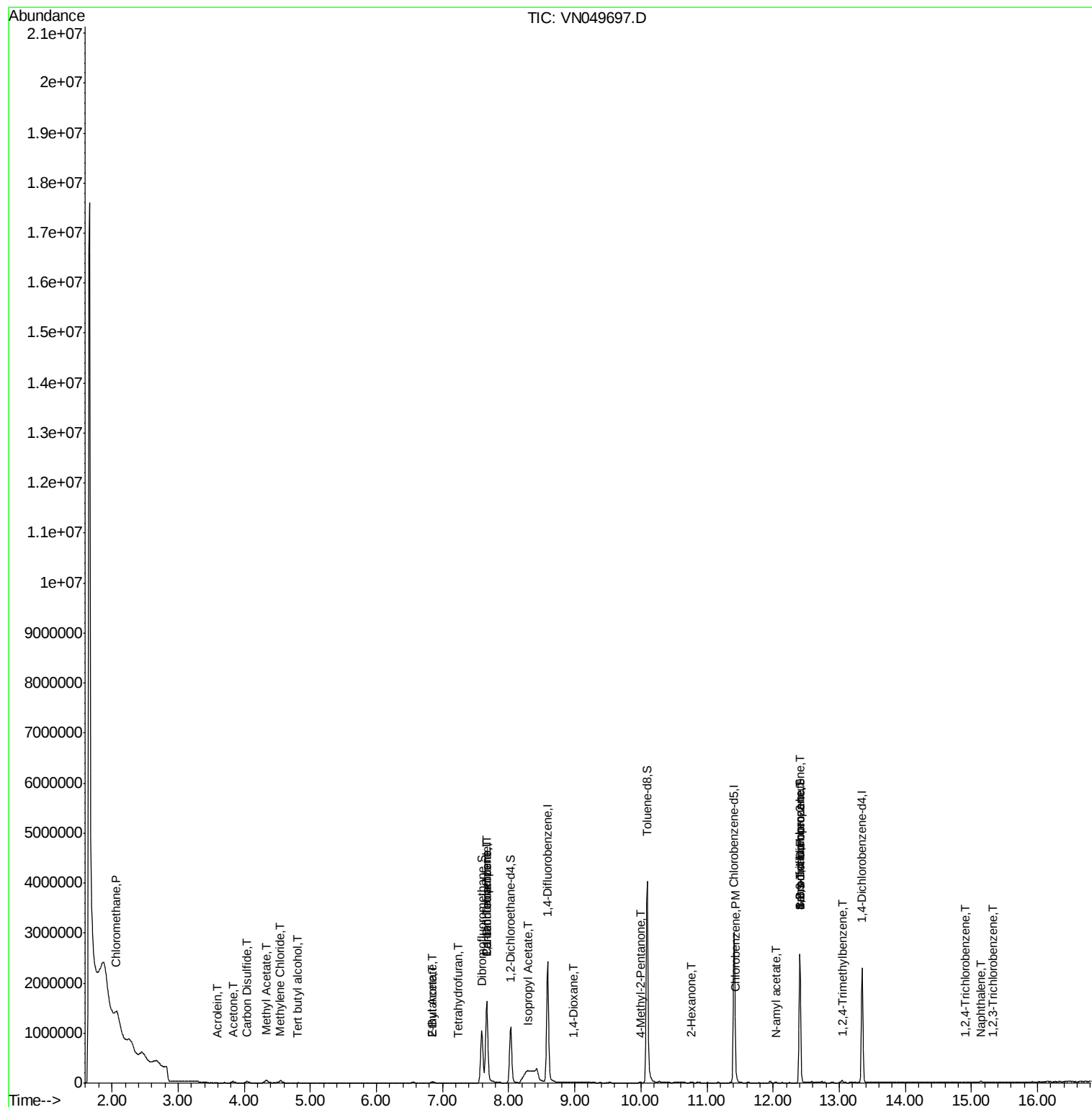
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	6422	0.32	ug/l	100
11) Tert butyl alcohol	4.81	59	3484	3.20	ug/l #	85
13) Acrolein	3.60	56	501	0.49	ug/l #	1
16) Acetone	3.83	43	43381	3.50	ug/l	99
17) Carbon Disulfide	4.04	76	56263	0.86	ug/l	100
18) Methyl Acetate	4.33	43	113136	1.44	ug/l	97
20) Methylene Chloride	4.54	84	16417	0.84	ug/l	97
25) 2-Butanone	6.85	43	27813	4.41	ug/l	95
29) Tetrahydrofuran	7.23	42	3348	0.83	ug/l #	62
36) 1,1-Dichloropropene	7.67	75	97739	3.74	ug/l #	48
37) Ethyl Acetate	6.85	43	27813	1.82	ug/l #	70
38) Carbon Tetrachloride	7.67	117	128675	5.06	ug/l #	16
43) Isopropyl Acetate	8.29	43	500448	16.14	ug/l #	62
49) 1,4-Dioxane	8.97	88	60	0.33	ug/l #	26
51) 4-Methyl-2-Pentanone	9.99	43	3906	0.26	ug/l #	80
59) 2-Hexanone	10.76	43	12351	1.25	ug/l	84
65) Chlorobenzene	11.44	112	12678	0.26	ug/l	99
71) Bromoform	12.41	173	5494	0.47	ug/l #	1
74) N-amyl acetate	12.04	43	6498	0.46	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	12.50	83	61	Below	Cal #	1
76) 1,2,3-Trichloropropane	12.40	75	426951	40.89	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	426951	138.88	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.05	105	24720	0.56	ug/l	95
87) 1,3-Dichlorobenzene	13.29	146	1477	Below	Cal	89
88) 1,4-Dichlorobenzene	13.29	146	1477	Below	Cal	90
91) 1,2-Dichlorobenzene	13.65	146	547	Below	Cal #	41
92) 1,2-Dibromo-3-Chloropropan	14.27	75	63	Below	Cal #	1
93) 1,2,4-Trichlorobenzene	14.91	180	1351	2.51	ug/l	84
94) Hexachlorobutadiene	15.01	225	883	Below	Cal #	69
95) Naphthalene	15.14	128	6079	4.25	ug/l	97
96) 1,2,3-Trichlorobenzene	15.32	180	1801	1.80	ug/l	84

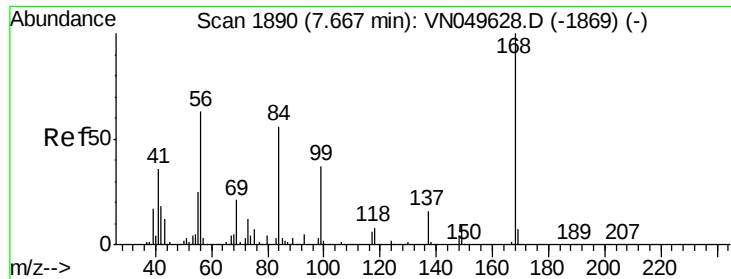
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070318\
Data File : VN049697.D
Acq On : 3 Jul 2018 16:47
Operator : MD\SY
Sample : PB110796 TB
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :

Quant Time: Jul 03 23:07:40 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:55:30 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049697.D

Acq: 3 Jul 2018 16:47

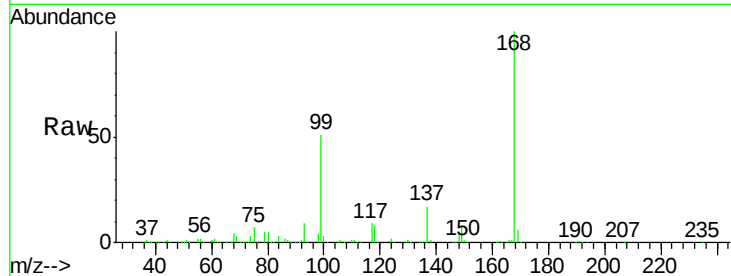
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 1437492

Ion Ratio Lower Upper

168 100

99 51.3 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): VN049697.D (-1797) (-)

Ion 98.90 (98.60 to 99.60): VN049697.D (-1797) (-)

7.67

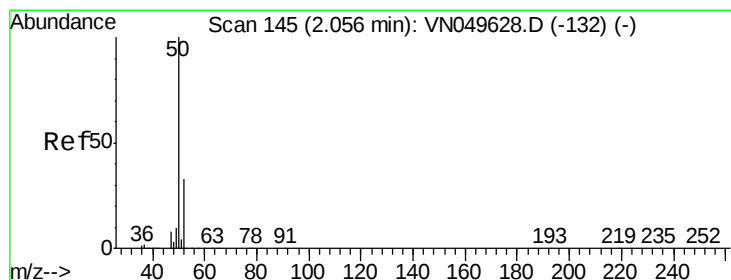
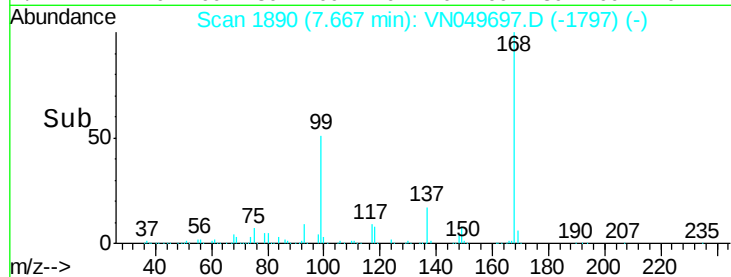
600000

400000

200000

0

Time-->



#3

Chloromethane

Concen: 0.32 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049697.D

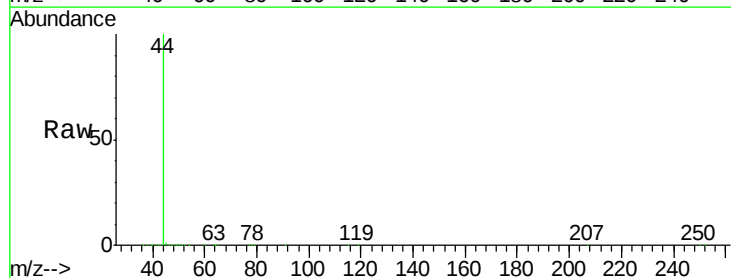
Acq: 3 Jul 2018 16:47

Tgt Ion: 50 Resp: 6422

Ion Ratio Lower Upper

50 100

52 32.6 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VN049697.D (-52) (-)

Ion 51.90 (51.60 to 52.60): VN049697.D (-52) (-)

2.06

6000

5000

4000

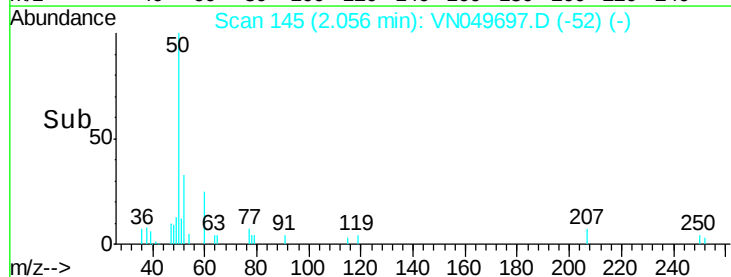
3000

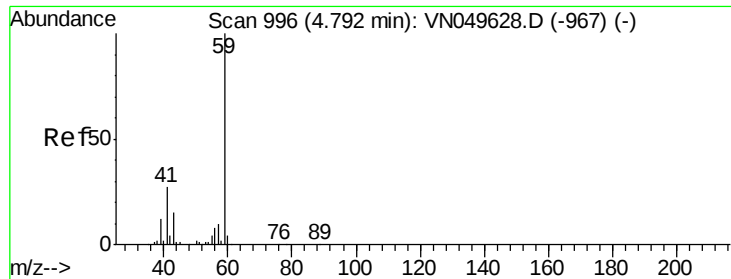
2000

1000

0

Time-->



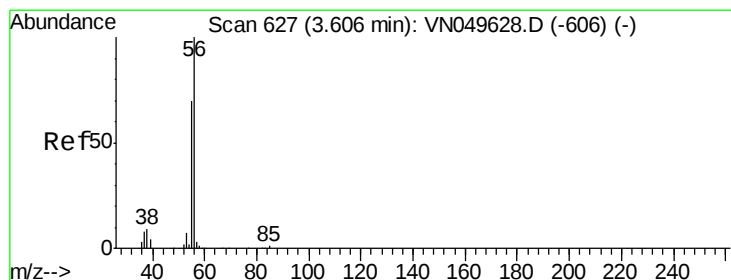
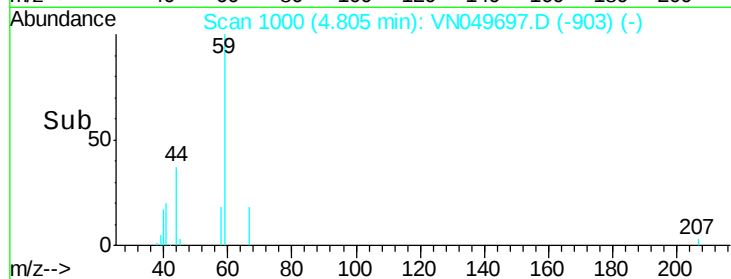
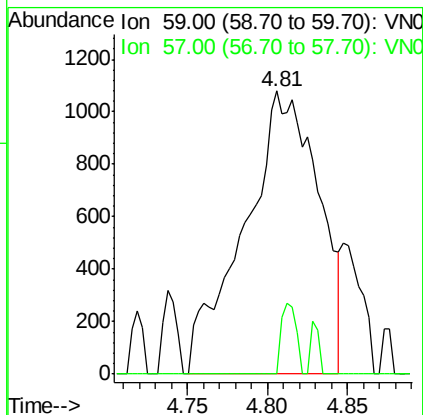
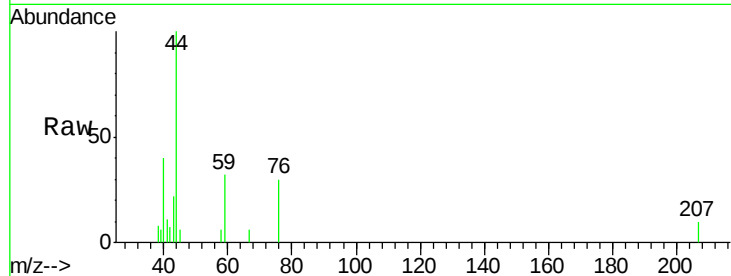


#11

Tert butyl alcohol
 Concen: 3.20 ug/l
 RT: 4.81 min Scan# 1000
 Delta R.T. 0.01 min
 Lab File: VN049697.D
 Acq: 3 Jul 2018 16:47

Instrument :
 MSVOA_N
 ClientSampled :

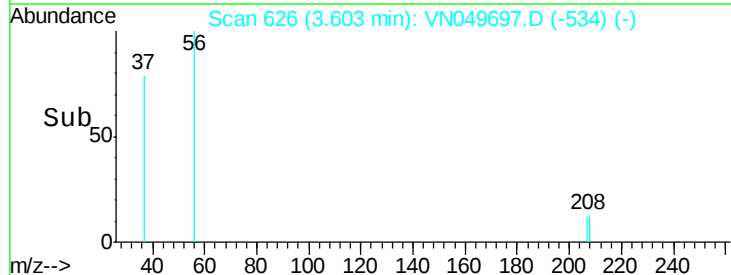
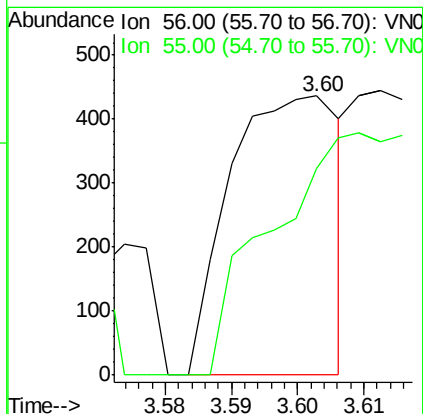
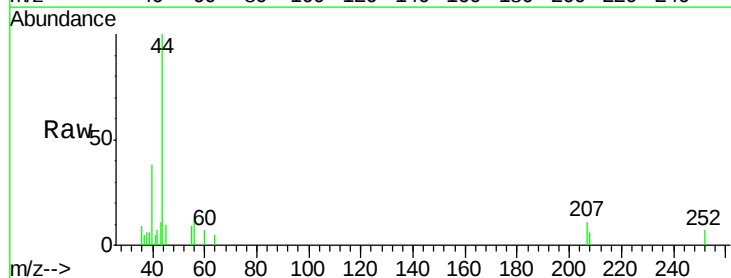
Tot Ion: 59 Resp: 3484
 Ion Ratio Lower Upper
 59 100
 57 5.0 8.5 12.7#

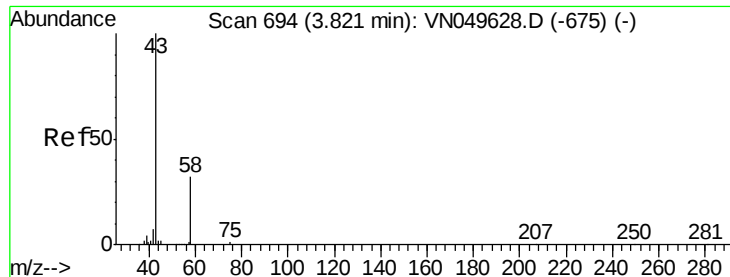


#13

Acrolein
 Concen: 0.49 ug/l
 RT: 3.60 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: VN049697.D
 Acq: 3 Jul 2018 16:47

Tgt Ion: 56 Resp: 501
 Ion Ratio Lower Upper
 56 100
 55 209.6 55.8 83.8#





#16

Acetone

Concen: 3.50 ug/l

RT: 3.83 min Scan# 698

Delta R.T. 0.01 min

Lab File: VN049697.D

Acq: 3 Jul 2018 16:47

Instrument :

MSVOA_N

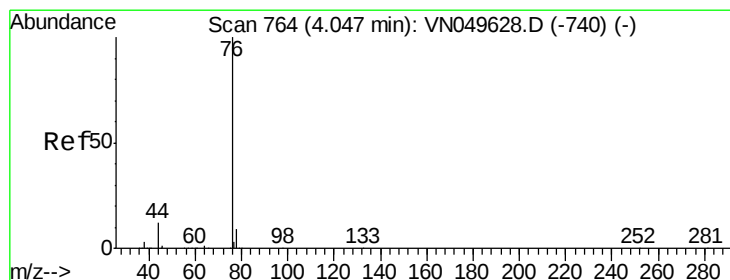
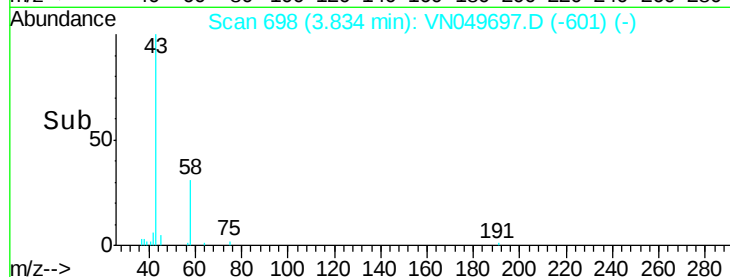
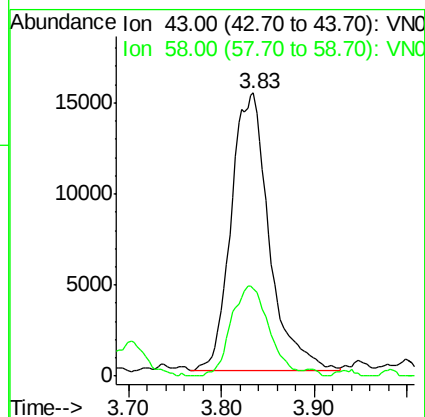
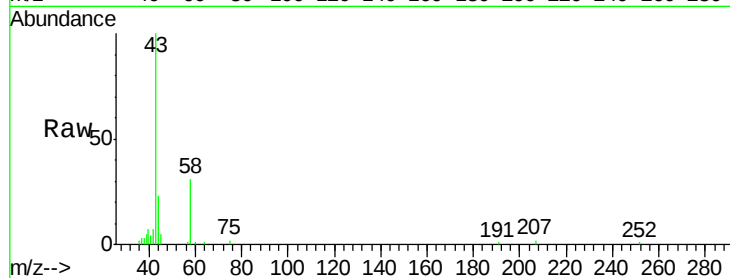
ClientSampled :

Tot Ion: 43 Resp: 43381

Ion Ratio Lower Upper

43 100

58 31.6 25.9 38.9



#17

Carbon Disulfide

Concen: 0.86 ug/l

RT: 4.04 min Scan# 763

Delta R.T. -0.00 min

Lab File: VN049697.D

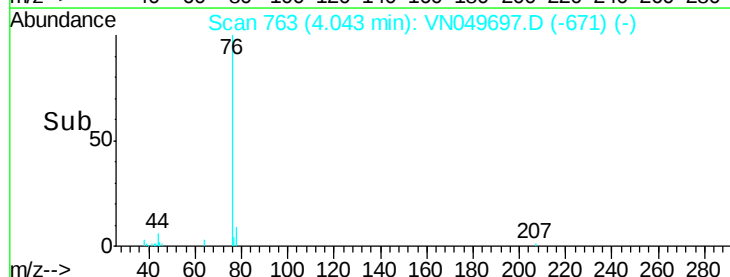
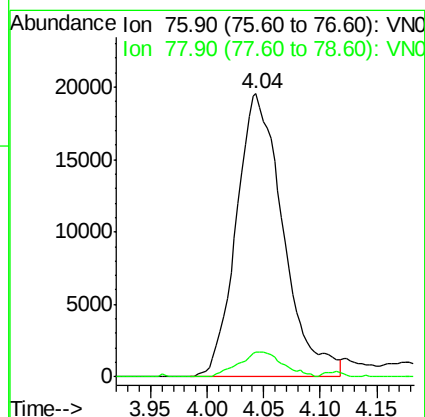
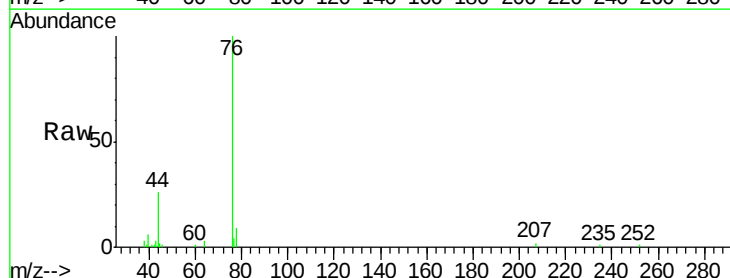
Acq: 3 Jul 2018 16:47

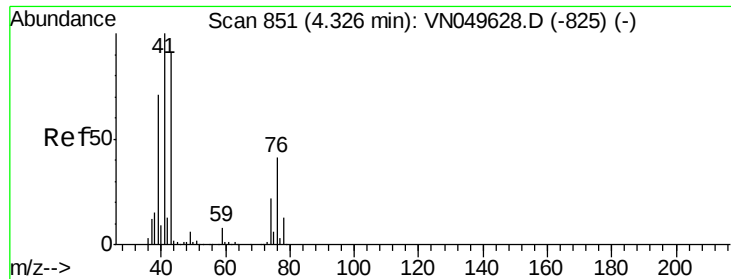
Tgt Ion: 76 Resp: 56263

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7

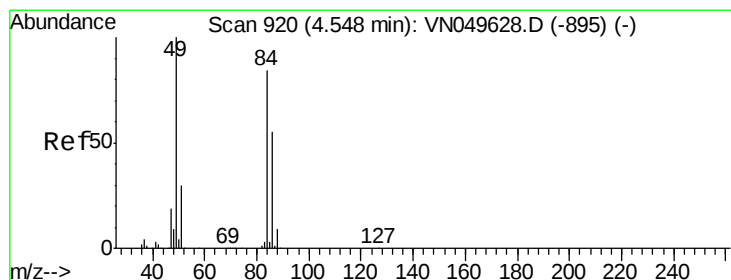
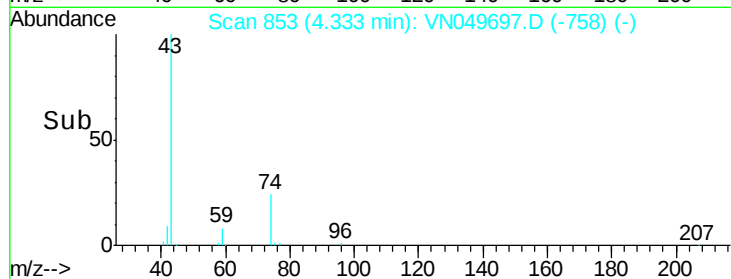
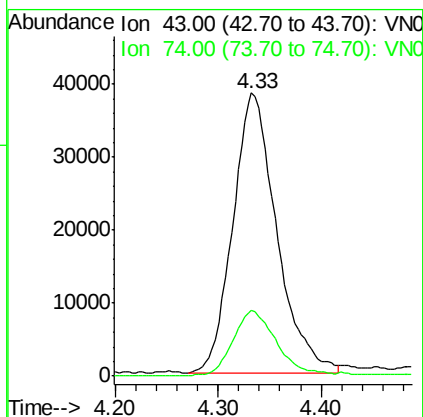
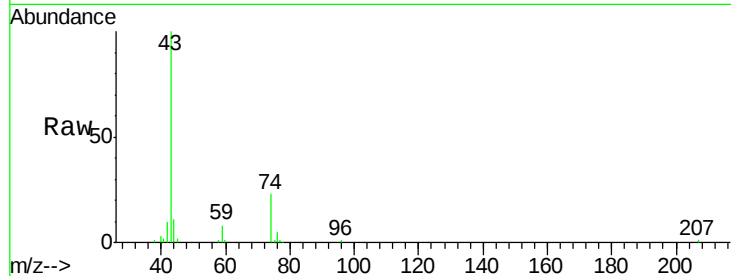




#18
Methvl Acetate
Concen: 1.44 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049697.D
Acq: 3 Jul 2018 16:47

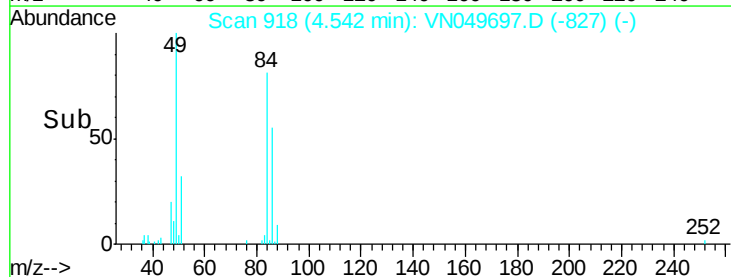
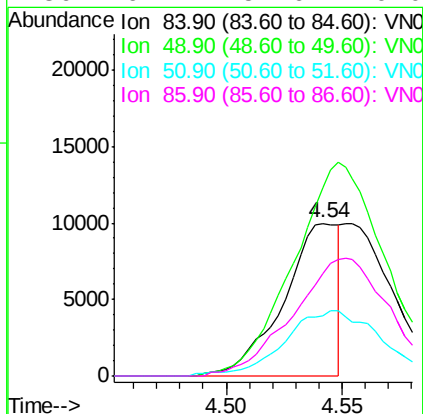
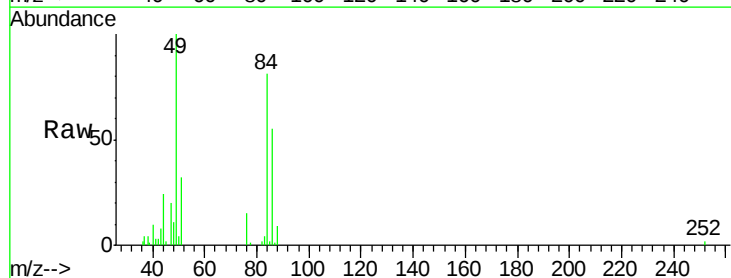
Instrument :
MSVOA_N
ClientSampleId :

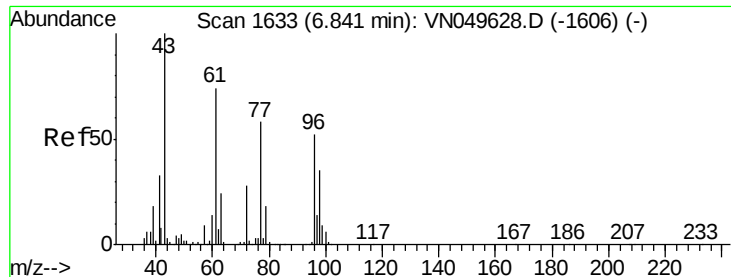
Tot Ion: 43 Resp: 113136
Ion Ratio Lower Upper
43 100
74 23.5 19.8 29.8



#20
Methylene Chloride
Concen: 0.84 ug/l
RT: 4.54 min Scan# 918
Delta R.T. -0.01 min
Lab File: VN049697.D
Acq: 3 Jul 2018 16:47

Tgt Ion: 84 Resp: 16417
Ion Ratio Lower Upper
84 100
49 123.1 95.4 143.2
51 39.5 28.4 42.6
86 67.2 52.6 79.0

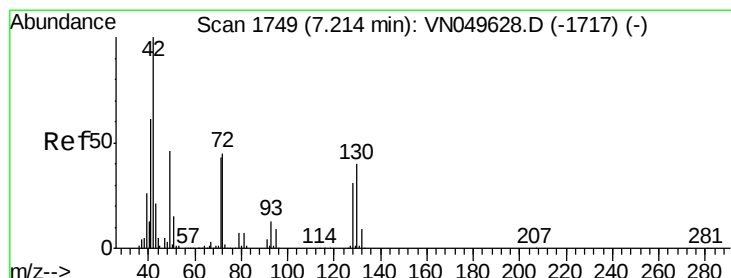
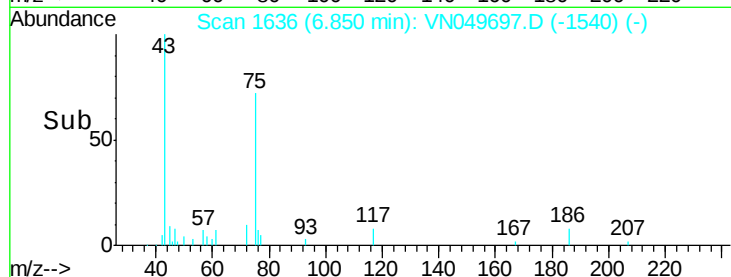
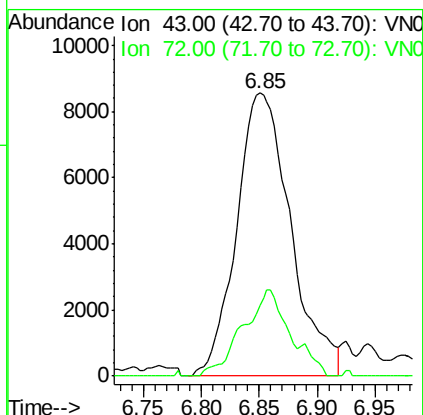
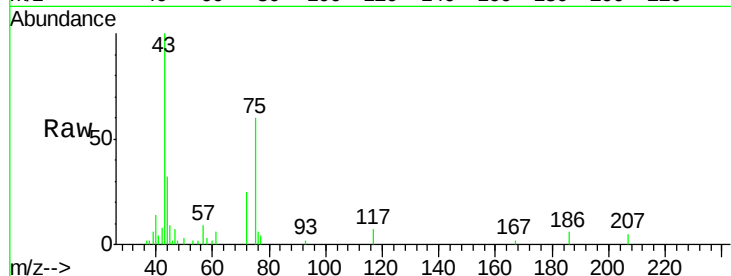




#25
2-Butanone
Concen: 4.41 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN049697.D
Acq: 3 Jul 2018 16:47

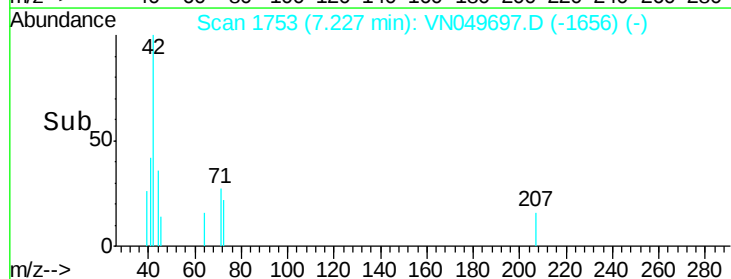
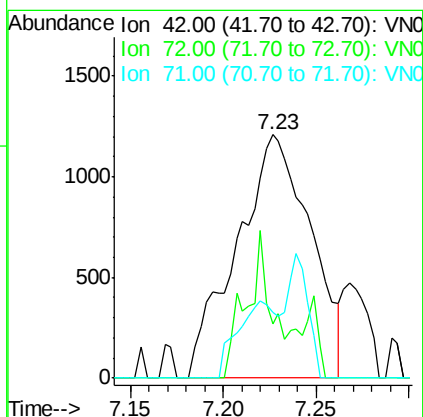
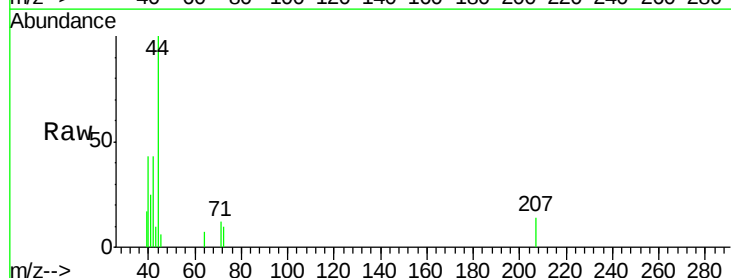
Instrument :
MSVOA_N
ClientSampleId :

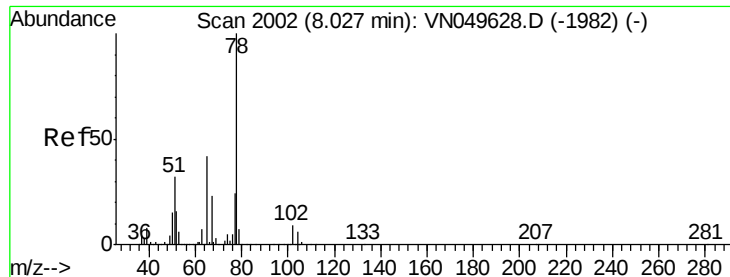
Tot Ion: 43 Resp: 27813
Ion Ratio Lower Upper
43 100
72 25.0 22.1 33.1



#29
Tetrahydrofuran
Concen: 0.83 ug/l
RT: 7.23 min Scan# 1753
Delta R.T. 0.01 min
Lab File: VN049697.D
Acq: 3 Jul 2018 16:47

Tgt Ion: 42 Resp: 3348
Ion Ratio Lower Upper
42 100
72 21.9 35.6 53.4#
71 16.7 34.0 51.0#

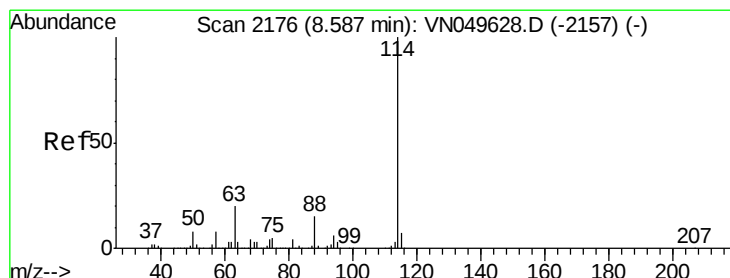
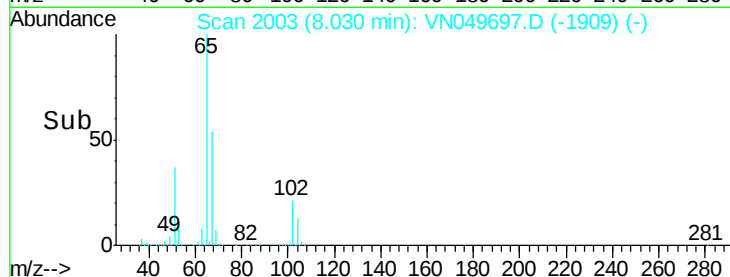
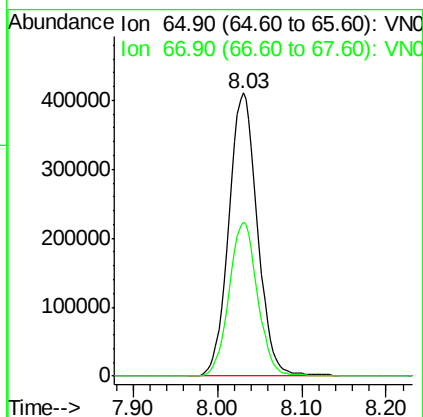
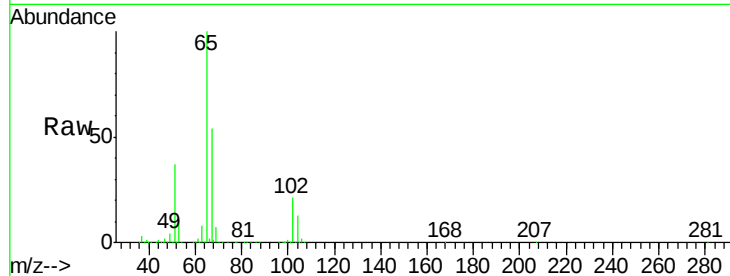




#33
 1,2-Dichloroethane-d4
 Concen: 51.06 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049697.D
 Acq: 3 Jul 2018 16:47

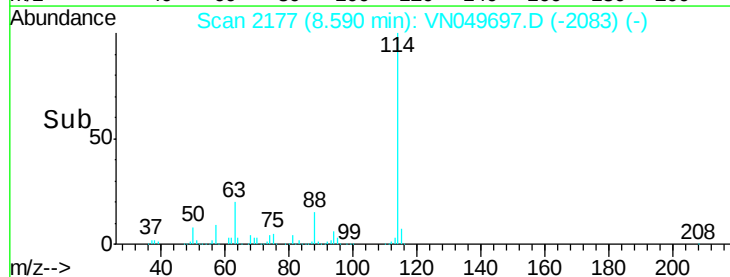
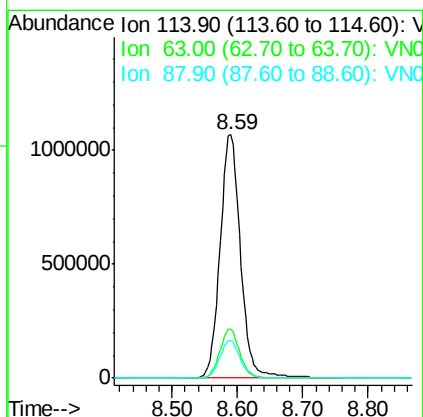
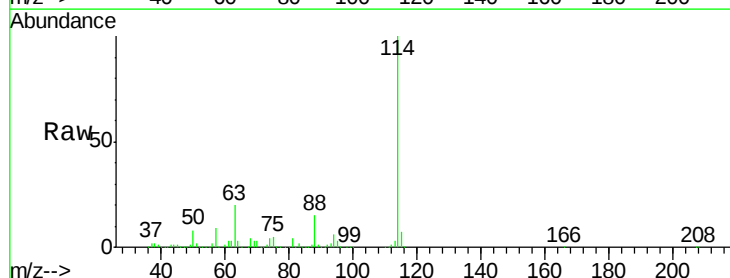
Instrument :
 MSVOA_N
 ClientSampleId :

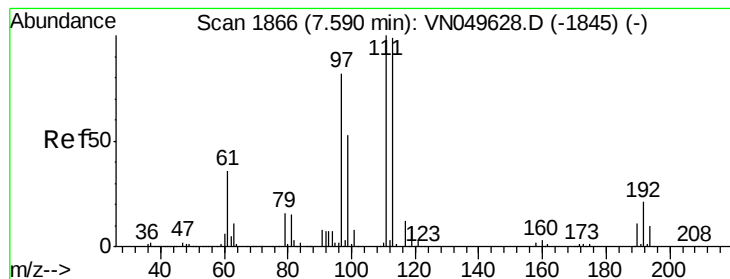
Tot Ion: 65 Resp: 969359
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049697.D
 Acq: 3 Jul 2018 16:47

Tgt Ion: 114 Resp: 2323695
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 46.34 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049697.D

Acq: 3 Jul 2018 16:47

Instrument :

MSVOA_N

ClientSampleId :

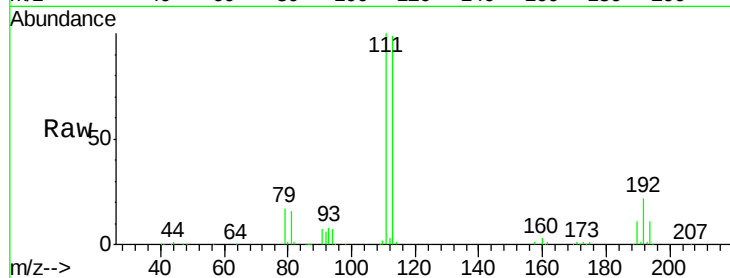
Tot Ion:113 Resp: 804991

Ion Ratio Lower Upper

113 100

111 101.9 81.8 122.8

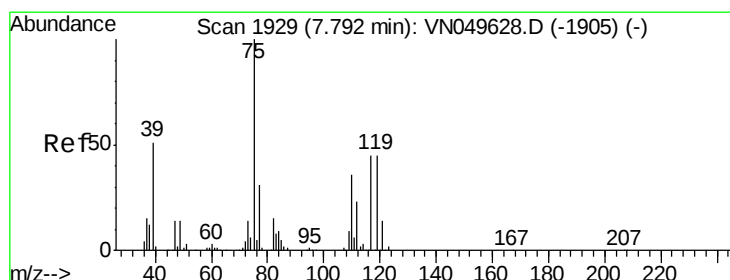
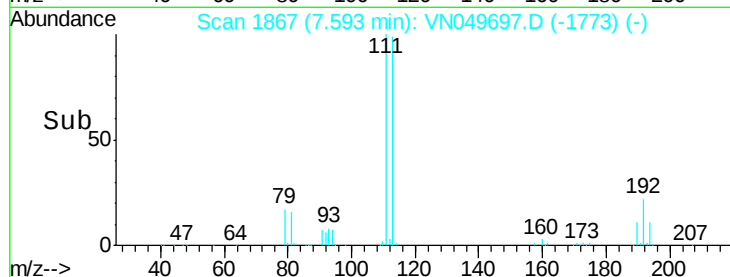
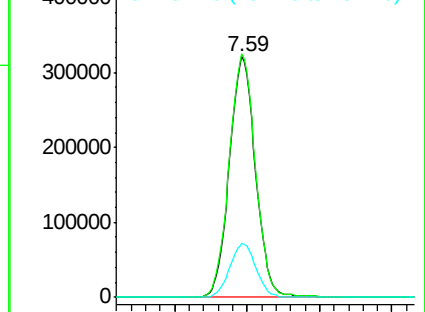
192 22.4 17.8 26.6



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: 3.74 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.13 min

Lab File: VN049697.D

Acq: 3 Jul 2018 16:47

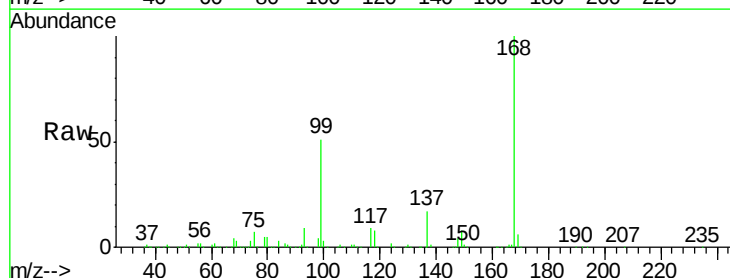
Tgt Ion: 75 Resp: 97739

Ion Ratio Lower Upper

75 100

110 8.1 18.1 54.4#

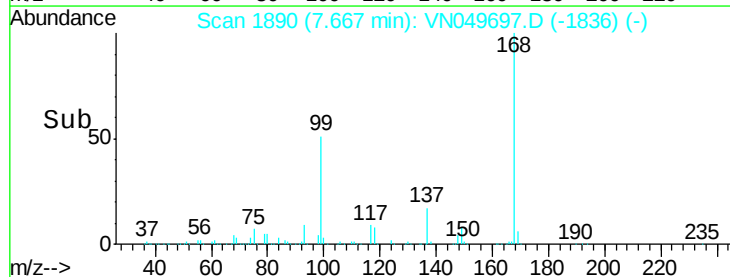
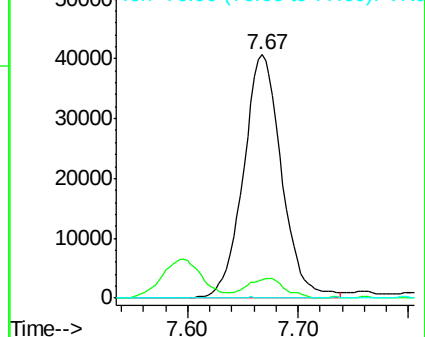
77 0.1 24.9 37.3#

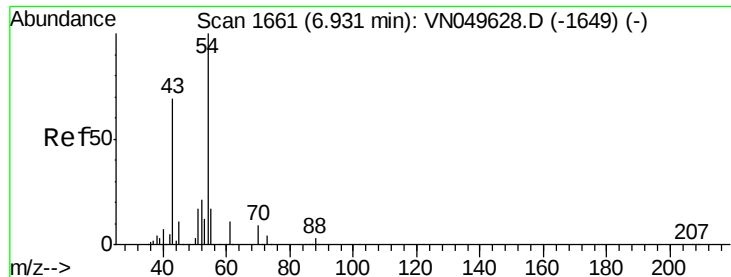


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

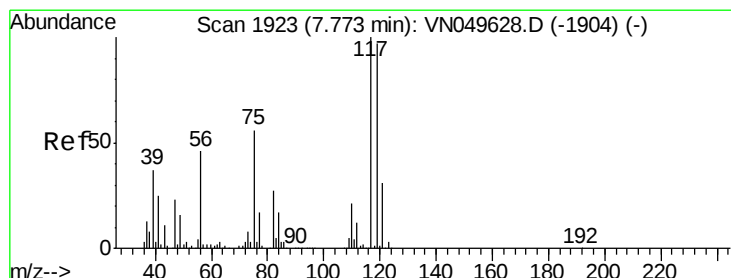
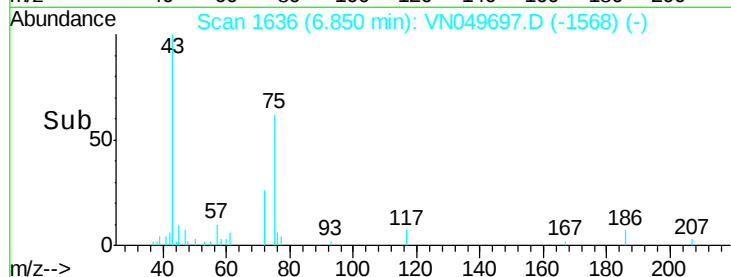
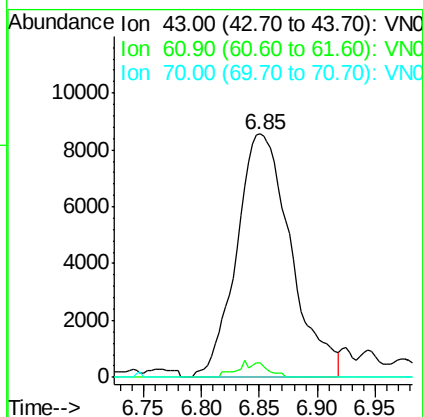
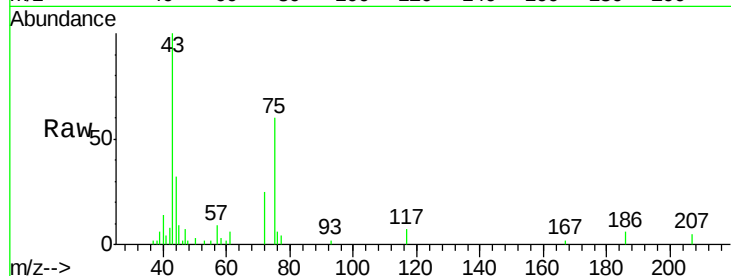




#37
Ethyl Acetate
Concen: 1.82 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. -0.08 min
Lab File: VN049697.D
Acq: 3 Jul 2018 16:47

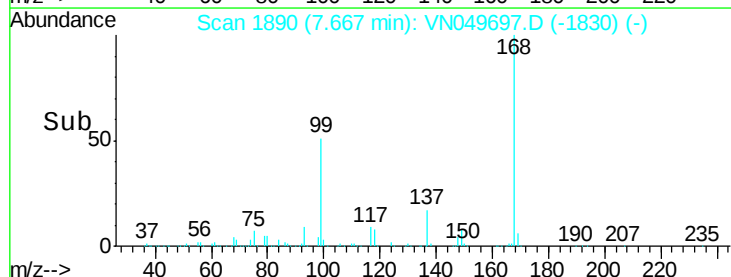
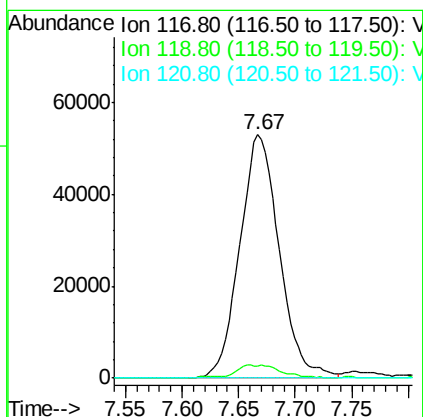
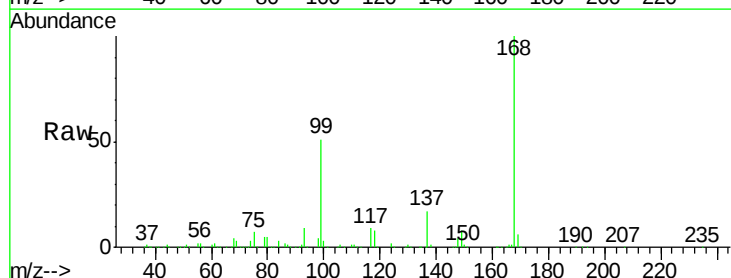
Instrument :
MSVOA_N
ClientSampled :

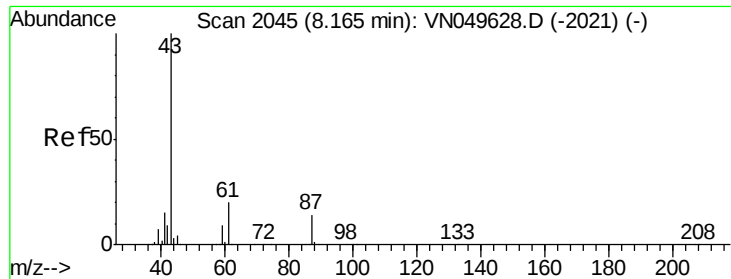
Tot Ion: 43 Resp: 27813
Ion Ratio Lower Upper
43 100
61 1.6 11.7 17.5#
70 0.0 8.4 12.6#



#38
Carbon Tetrachloride
Concen: 5.06 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN049697.D
Acq: 3 Jul 2018 16:47

Tgt Ion: 117 Resp: 128675
Ion Ratio Lower Upper
117 100
119 5.0 77.2 115.8#
121 0.0 25.0 37.6#



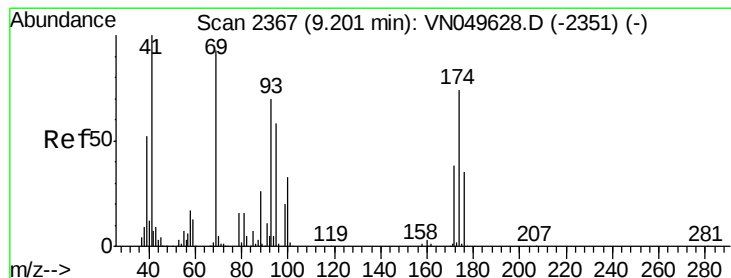
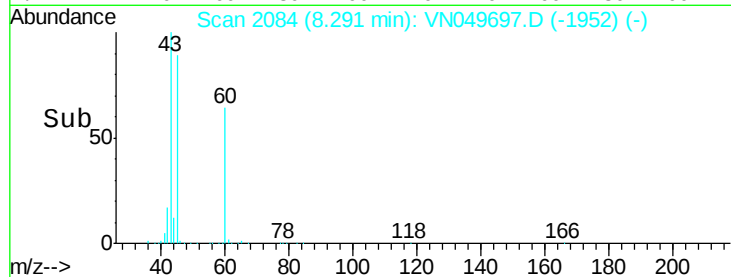
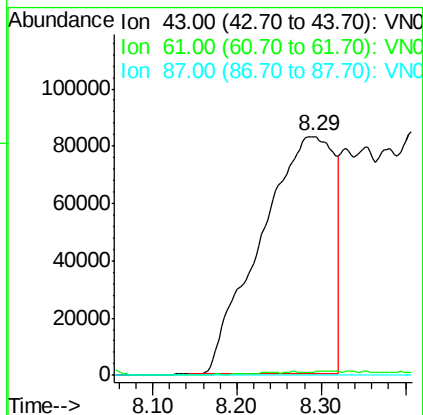
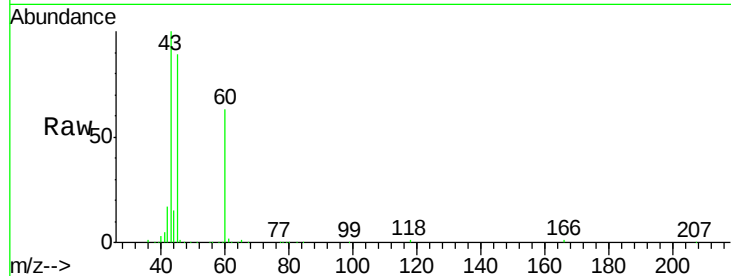


#43

Isopropyl Acetate
 Concen: 16.14 ug/l
 RT: 8.29 min Scan# 2084
 Delta R.T. 0.13 min
 Lab File: VN049697.D
 Acq: 3 Jul 2018 16:47

Instrument :
 MSVOA_N
 ClientSampled :

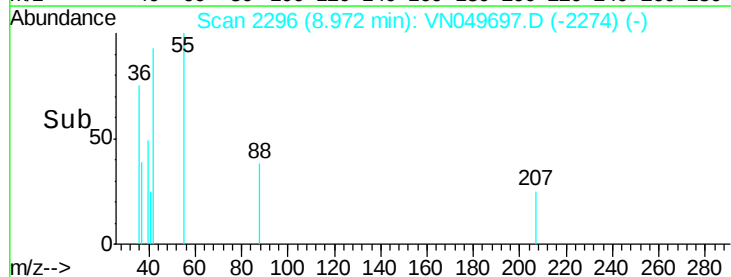
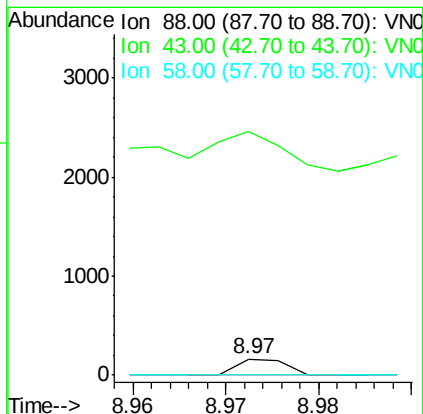
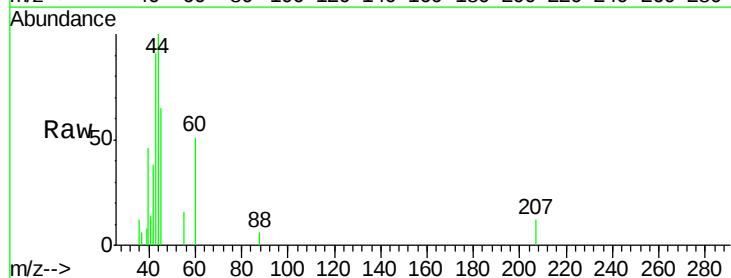
Tot Ion	43	Resp	500448
Ion Ratio	100		
Lower	14.9		
Upper	22.3#		
61	0.0		
87	0.0		
10.0			
15.0#			

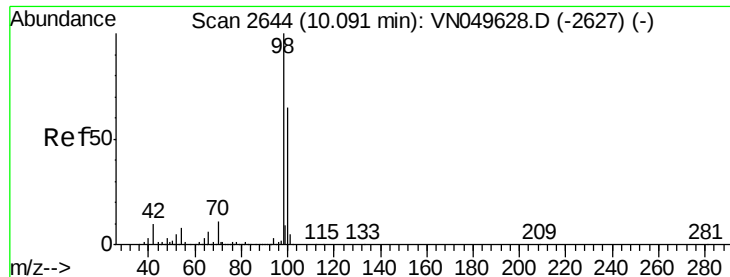


#49

1,4-Dioxane
 Concen: 0.33 ug/l
 RT: 8.97 min Scan# 2296
 Delta R.T. -0.23 min
 Lab File: VN049697.D
 Acq: 3 Jul 2018 16:47

Tgt Ion	88	Resp	60
Ion Ratio	100		
Lower	25.1		
Upper	37.7#		
43	0.0		
58	0.0		
52.5			
78.7#			

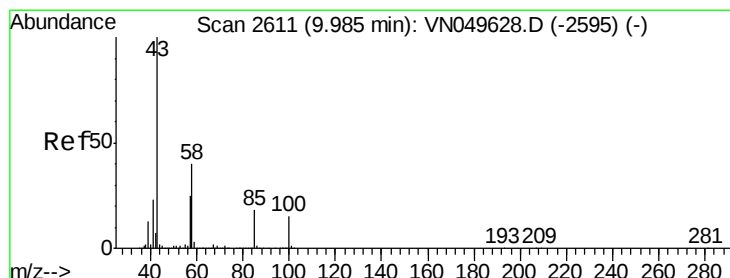
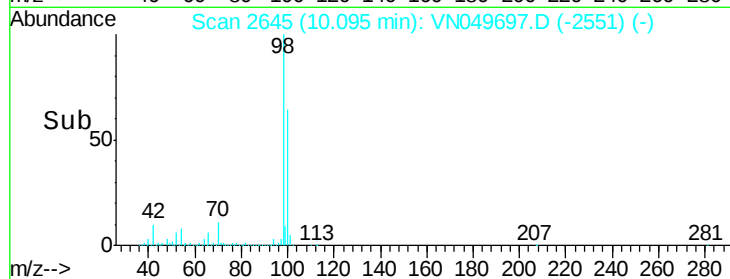
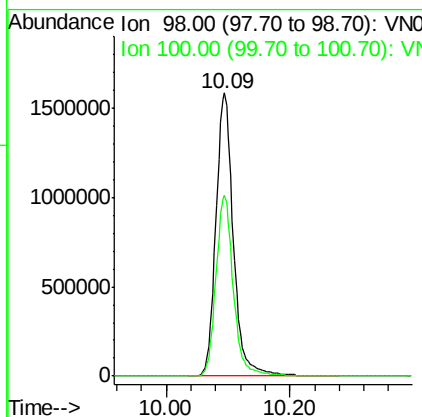
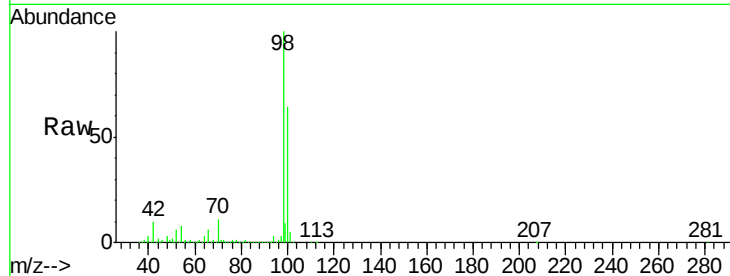




#50
Toluene-d8
Concen: 45.63 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049697.D
Acq: 3 Jul 2018 16:47

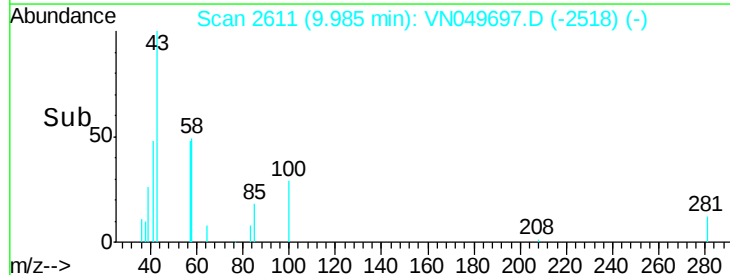
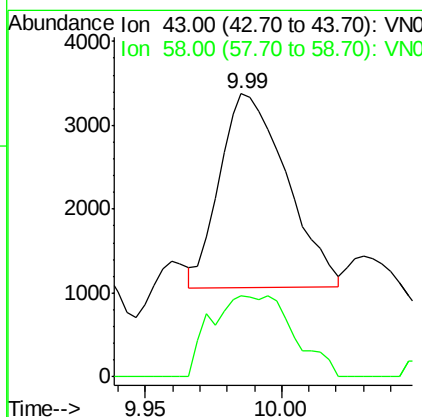
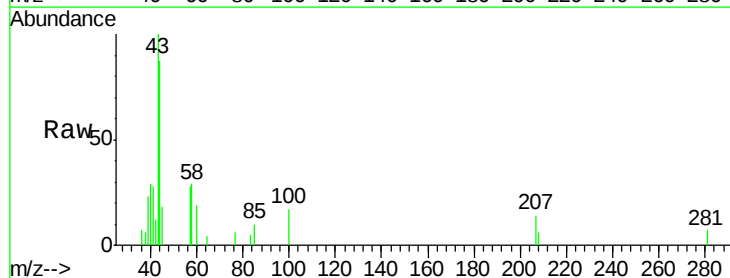
Instrument :
MSVOA_N
ClientSampleId :

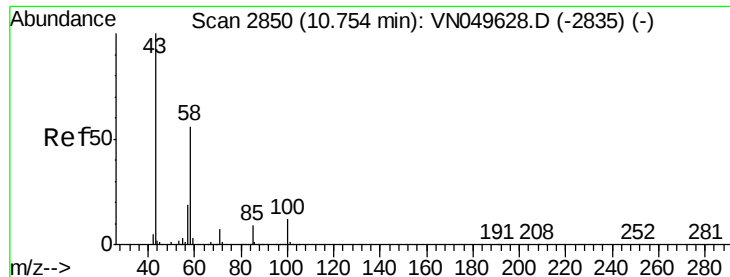
Tot Ion: 98 Resp: 3103079
Ion Ratio Lower Upper
98 100
100 63.8 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.26 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. 0.00 min
Lab File: VN049697.D
Acq: 3 Jul 2018 16:47

Tgt Ion: 43 Resp: 3906
Ion Ratio Lower Upper
43 100
58 51.8 31.8 47.8#

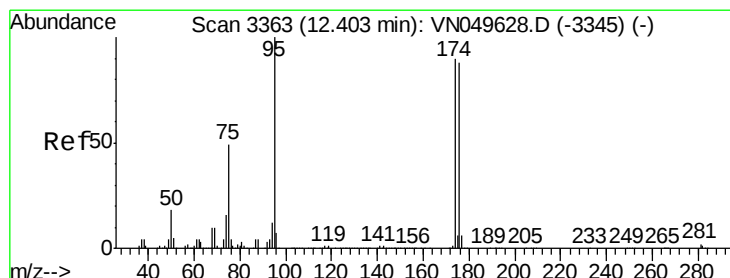
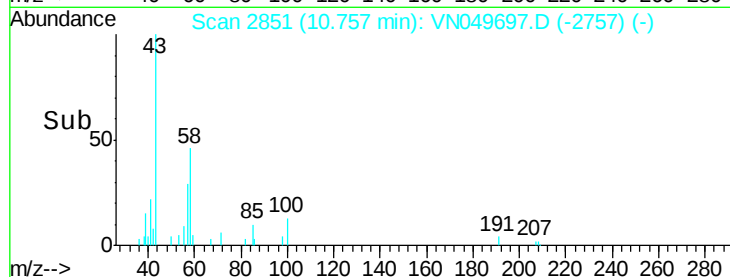
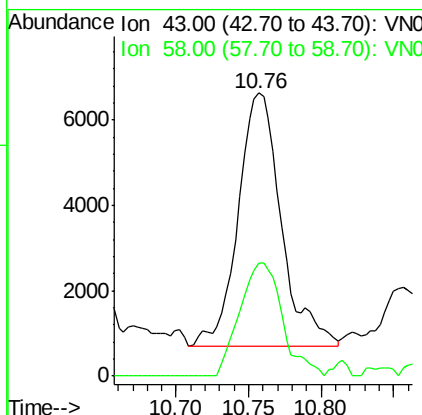
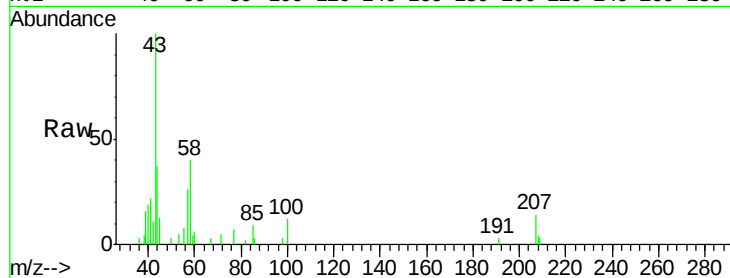




#59
2-Hexanone
Concen: 1.25 ug/l
RT: 10.76 min Scan# 2851
Delta R.T. 0.00 min
Lab File: VN049697.D
Acq: 3 Jul 2018 16:47

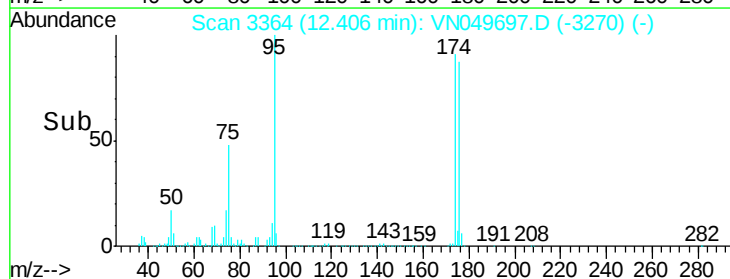
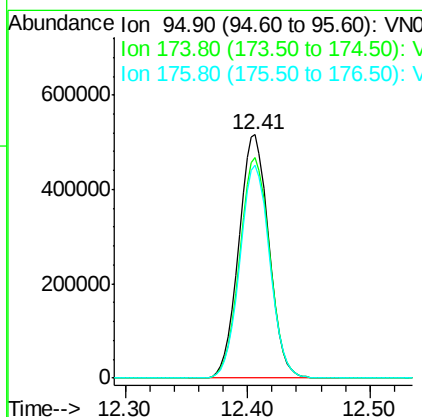
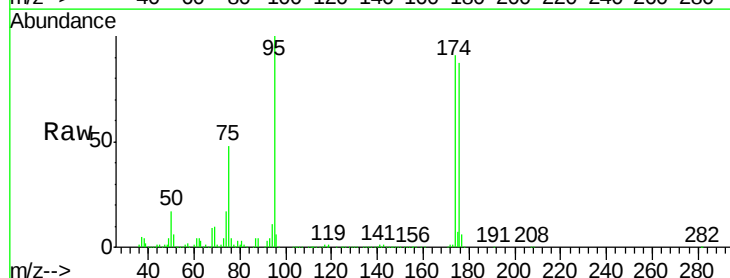
Instrument :
MSVOA_N
ClientSampled :

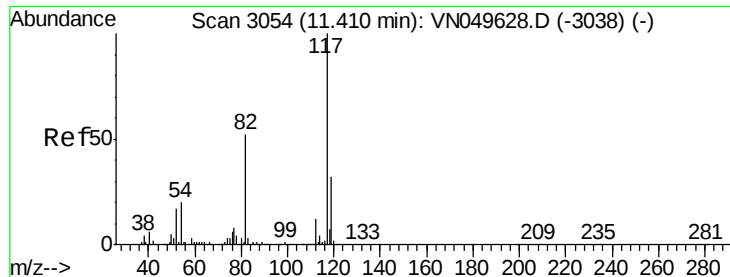
Tot Ion: 43 Resp: 12351
Ion Ratio Lower Upper
43 100
58 43.8 27.8 83.4



#62
4-Bromofluorobenzene
Concen: 37.64 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN049697.D
Acq: 3 Jul 2018 16:47

Tgt Ion: 95 Resp: 873929
Ion Ratio Lower Upper
95 100
174 91.0 0.0 179.6
176 87.3 0.0 174.0

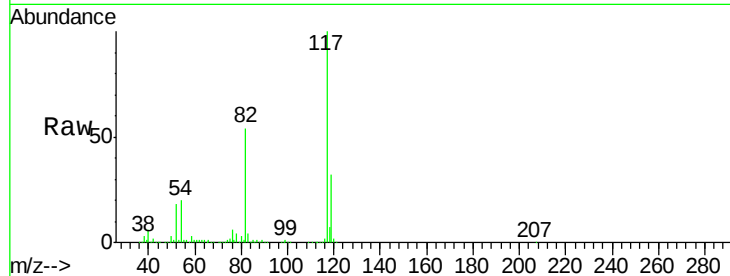




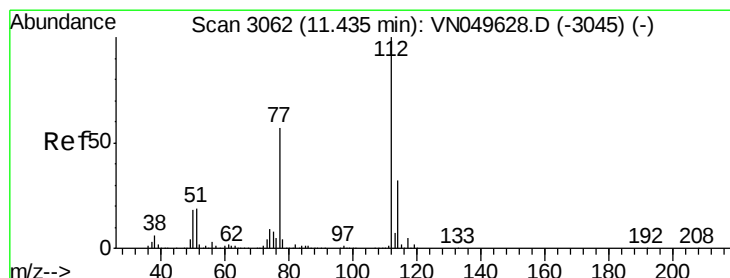
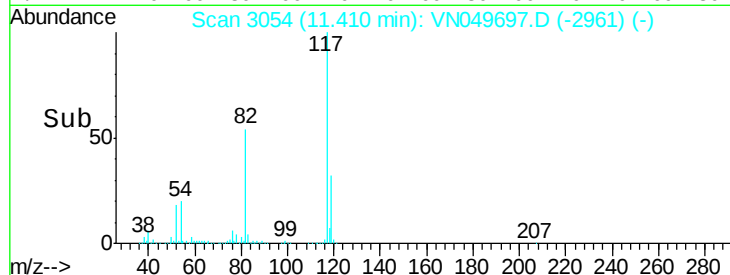
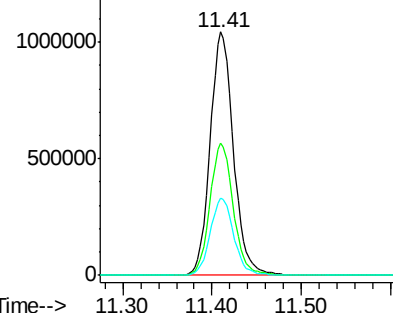
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049697.D
Acq: 3 Jul 2018 16:47

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 1883967
Ion Ratio Lower Upper
117 100
82 54.4 41.9 62.9
119 31.7 25.4 38.2

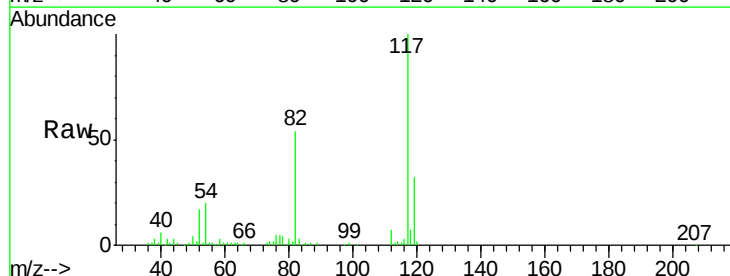


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

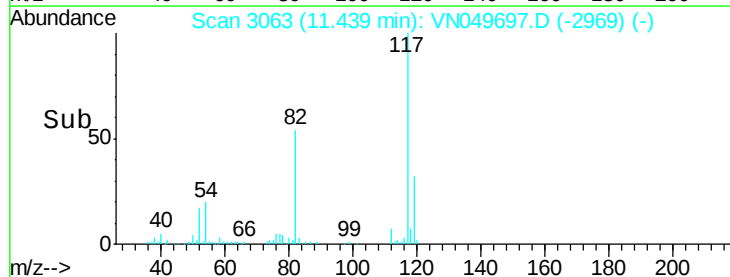
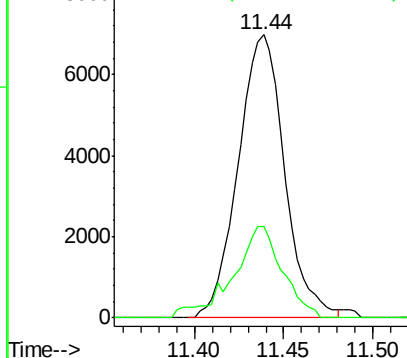


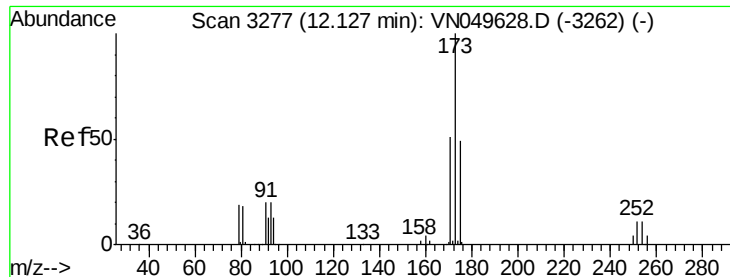
#65
Chlorobenzene
Concen: 0.26 ug/l
RT: 11.44 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN049697.D
Acq: 3 Jul 2018 16:47

Tgt Ion:112 Resp: 12678
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#71

Bromoform

Concen: 0.47 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.28 min

Lab File: VN049697.D

Acq: 3 Jul 2018 16:47

Instrument :

MSVOA_N

ClientSampleId :

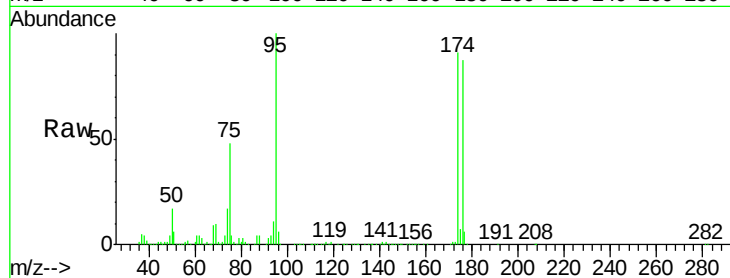
Tot Ion:173 Resp: 5494

Ion Ratio Lower Upper

173 100

175 844.1 24.6 73.8#

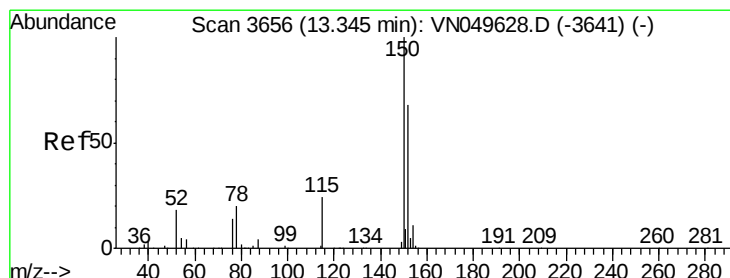
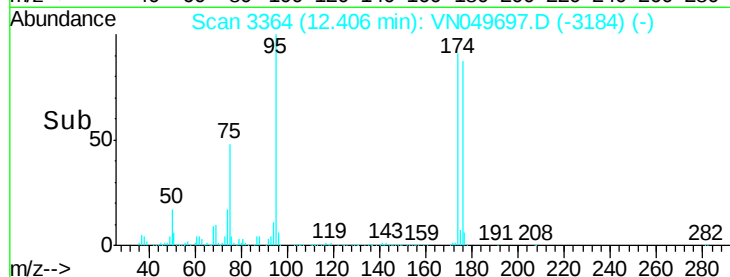
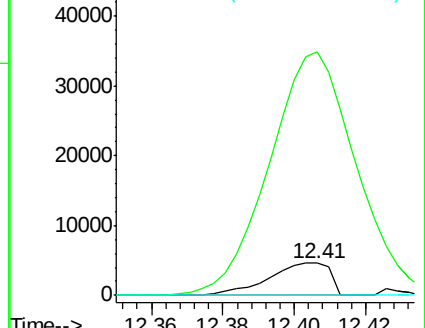
254 0.0 0.2 0.2#



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: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049697.D

Acq: 3 Jul 2018 16:47

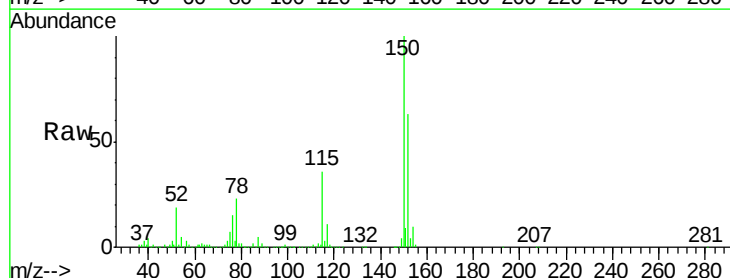
Tgt Ion:152 Resp: 651060

Ion Ratio Lower Upper

152 100

115 56.4 28.1 84.2

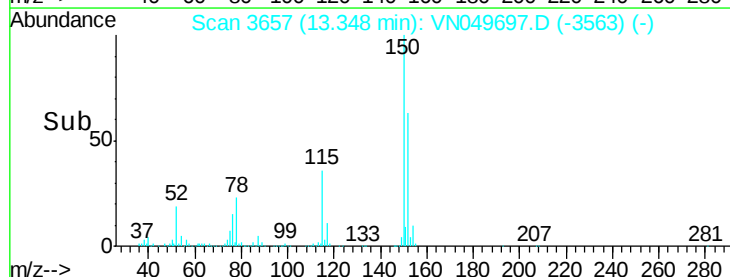
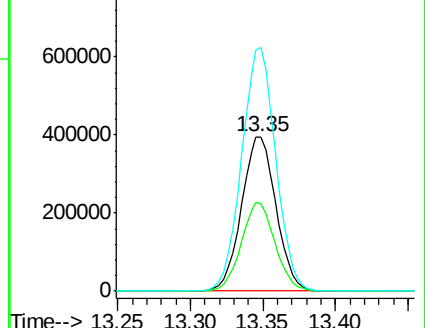
150 156.6 0.0 347.6

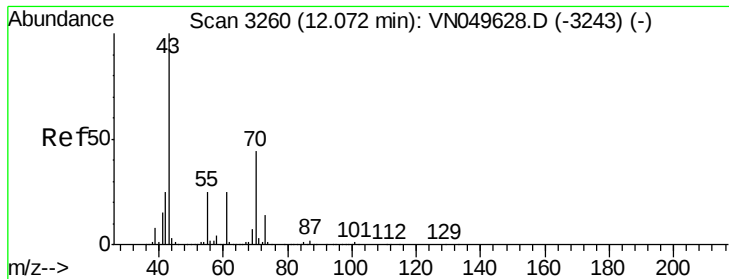


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.46 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. -0.03 min

Lab File: VN049697.D

Acq: 3 Jul 2018 16:47

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 43 Resp: 6498

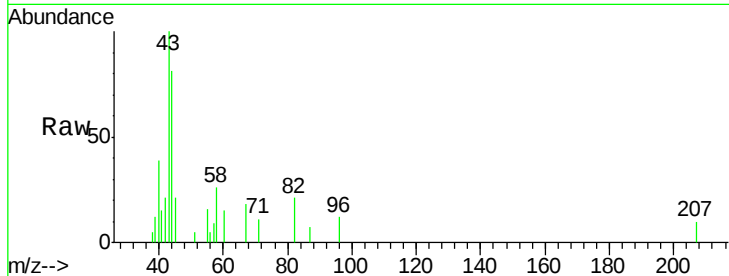
Ion Ratio Lower Upper

43 100

70 0.0 34.8 52.2#

55 3.8 20.9 31.3#

61 0.0 19.9 29.9#

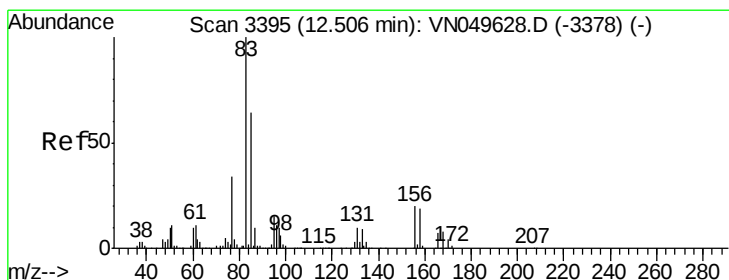
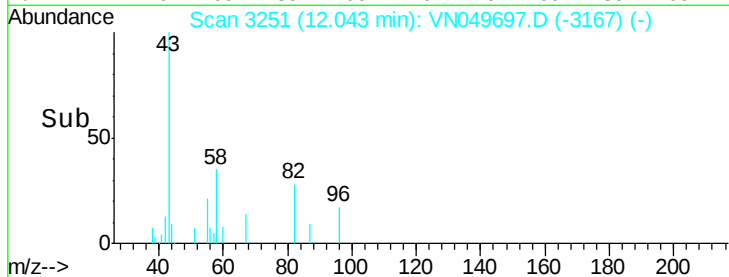
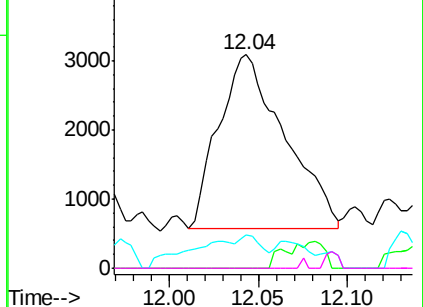


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3394

Delta R.T. -0.00 min

Lab File: VN049697.D

Acq: 3 Jul 2018 16:47

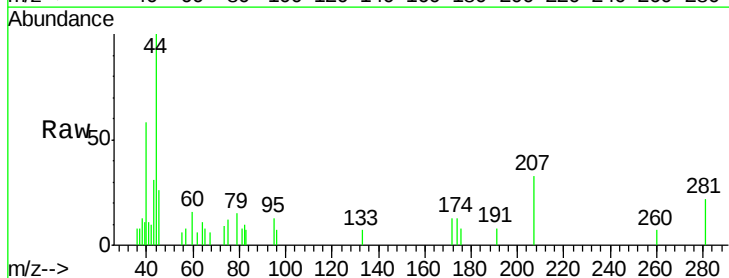
Tgt Ion: 83 Resp: 61

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

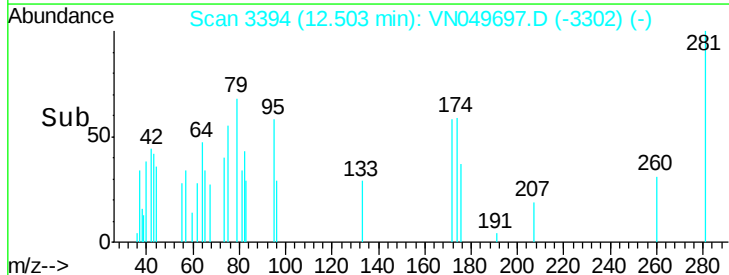
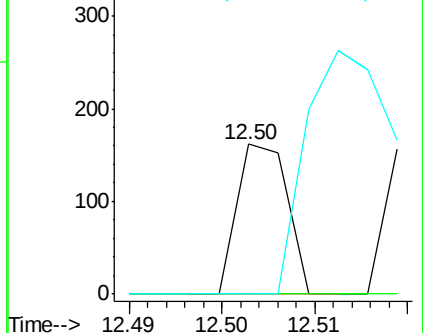
85 275.4 32.5 97.4#

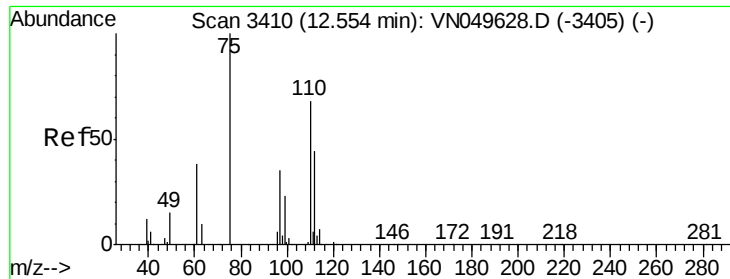


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 40.89 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049697.D

Acq: 3 Jul 2018 16:47

Instrument :

MSVOA_N

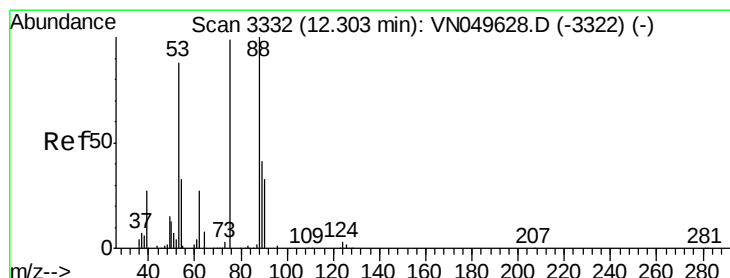
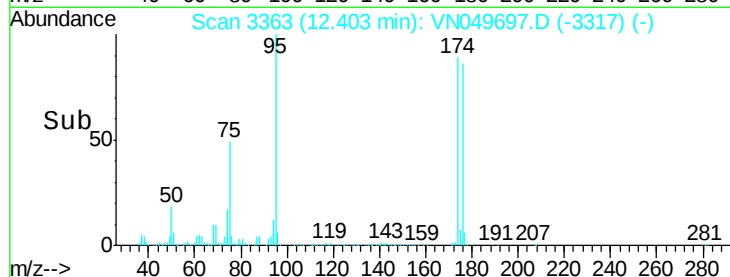
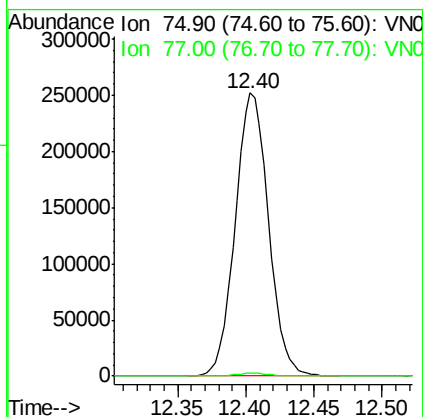
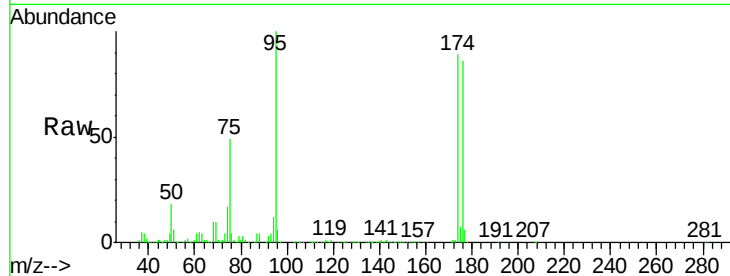
ClientSampled :

Tot Ion: 75 Resp: 426951

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 138.88 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049697.D

Acq: 3 Jul 2018 16:47

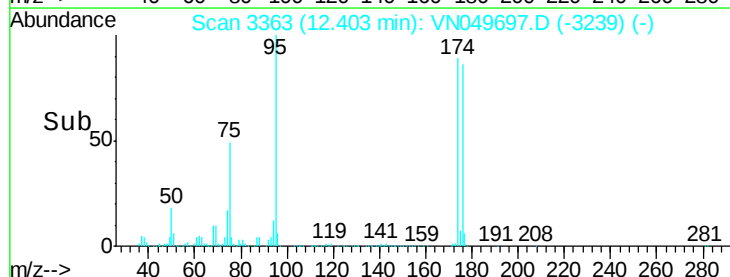
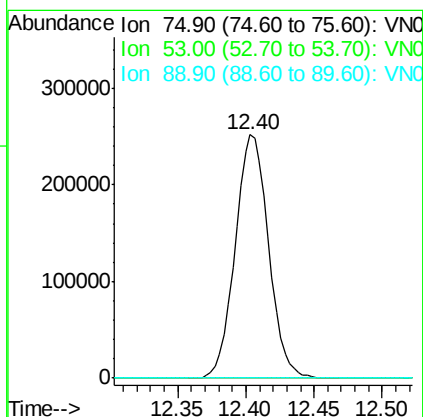
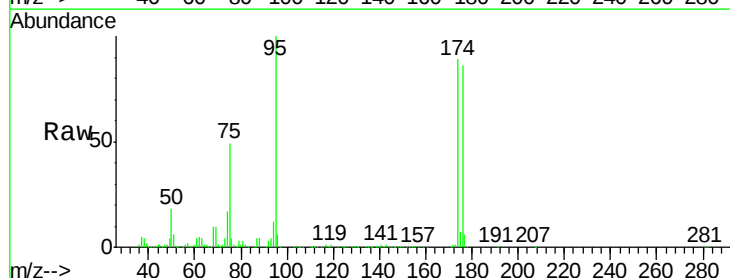
Tgt Ion: 75 Resp: 426951

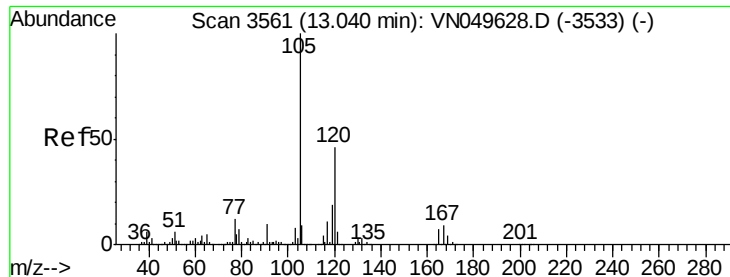
Ion Ratio Lower Upper

75 100

53 0.2 73.9 110.9#

89 0.0 35.9 53.9#

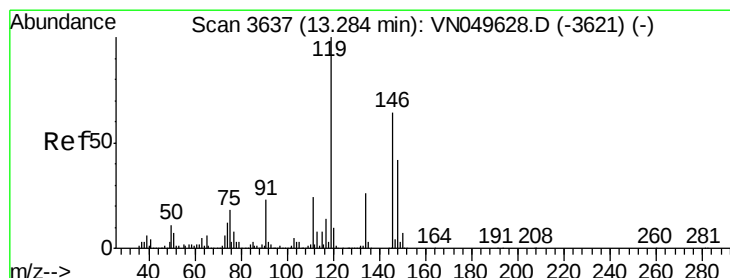
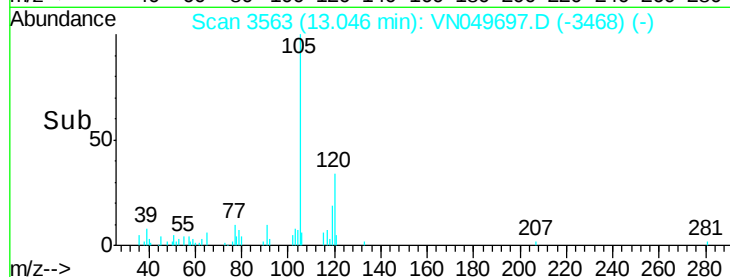
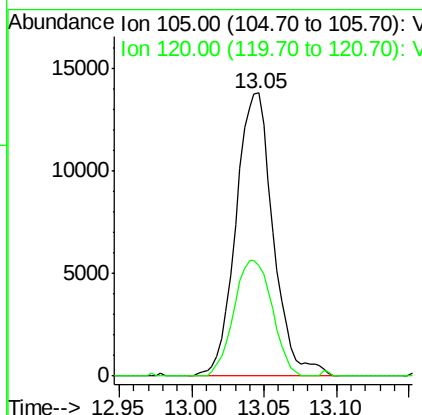
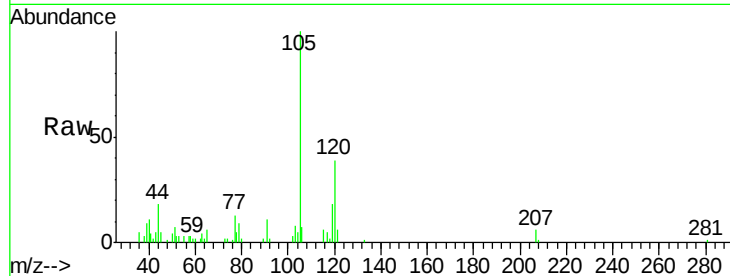




#84
 1,2,4-Trimethylbenzene
 Concen: 0.56 ug/l
 RT: 13.05 min Scan# 3563
 Delta R.T. 0.01 min
 Lab File: VN049697.D
 Acq: 3 Jul 2018 16:47

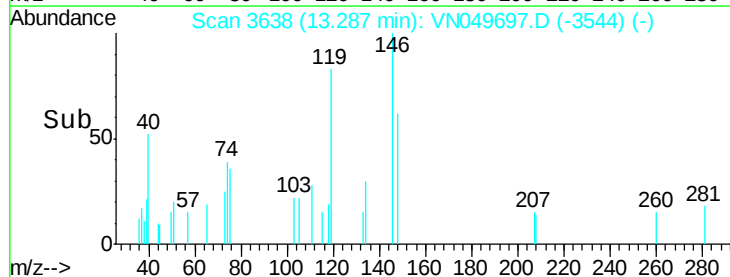
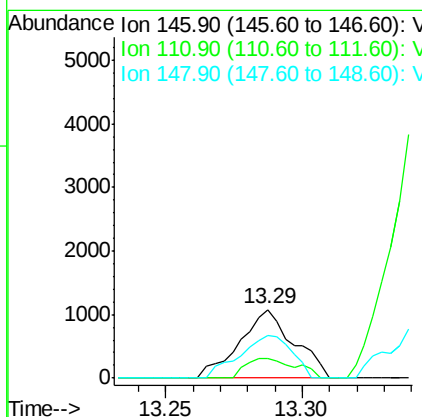
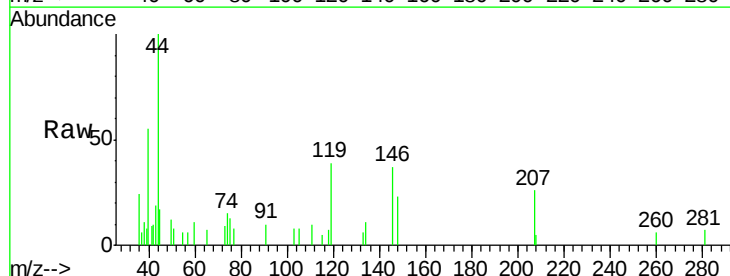
Instrument :
 MSVOA_N
 ClientSampled :

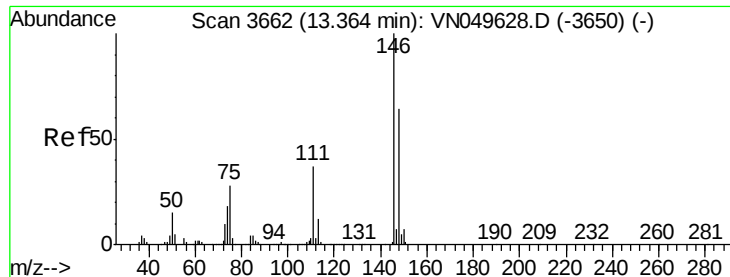
Tot Ion:105 Resp: 24720
 Ion Ratio Lower Upper
 105 100
 120 42.0 22.7 68.1



#87
 1,3-Dichlorobenzene
 Concen: Below Cal
 RT: 13.29 min Scan# 3638
 Delta R.T. 0.00 min
 Lab File: VN049697.D
 Acq: 3 Jul 2018 16:47

Tgt Ion:146 Resp: 1477
 Ion Ratio Lower Upper
 146 100
 111 27.0 19.0 57.0
 148 60.3 32.5 97.5

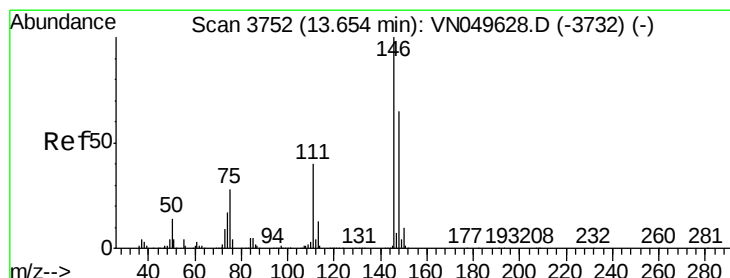
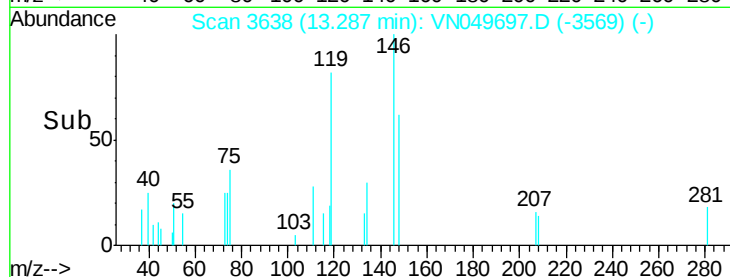
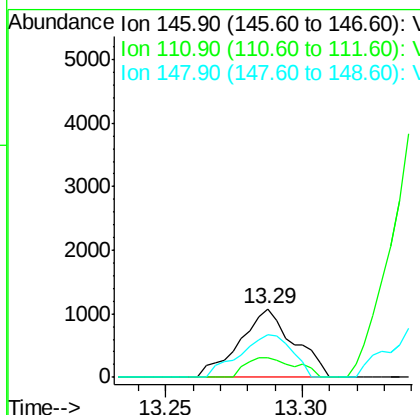
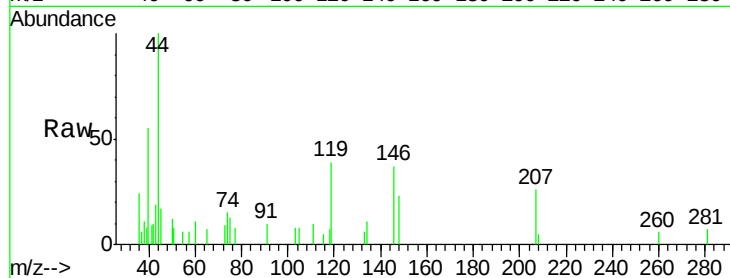




#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 13.29 min Scan# 3638
 Delta R.T. -0.08 min
 Lab File: VN049697.D
 Acq: 3 Jul 2018 16:47

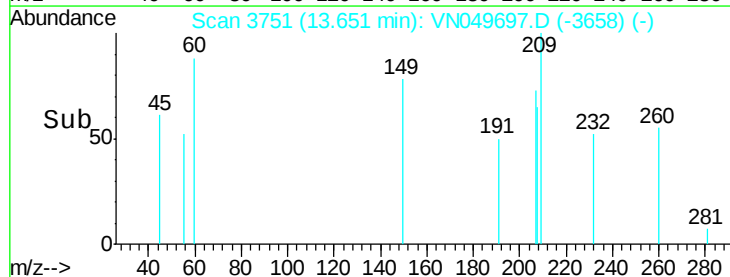
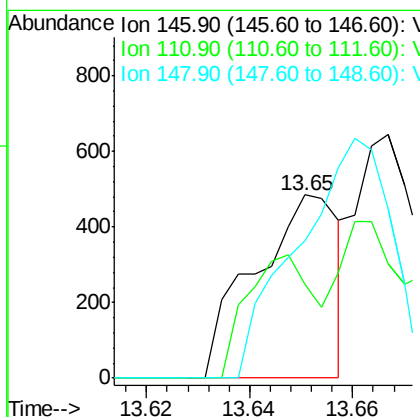
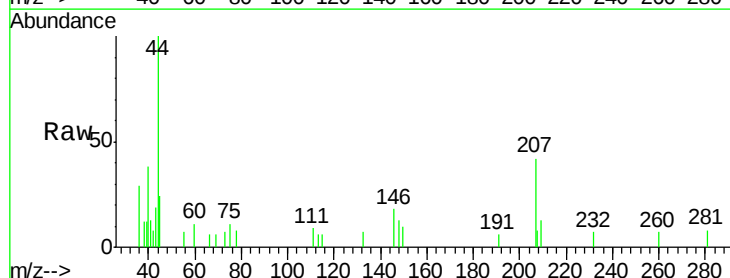
Instrument :
 MSVOA_N
 ClientSampled :

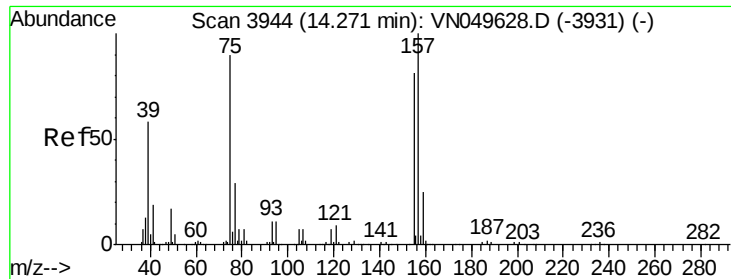
Tot Ion:146 Resp: 1477
 Ion Ratio Lower Upper
 146 100
 111 27.0 18.9 56.5
 148 60.3 32.1 96.3



#91
 1,2-Dichlorobenzene
 Concen: Below Cal
 RT: 13.65 min Scan# 3751
 Delta R.T. -0.00 min
 Lab File: VN049697.D
 Acq: 3 Jul 2018 16:47

Tgt Ion:146 Resp: 547
 Ion Ratio Lower Upper
 146 100
 111 53.2 19.7 59.1
 148 0.0 32.0 96.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.27 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VN049697.D

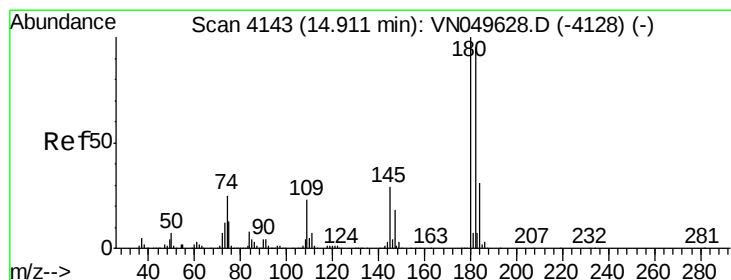
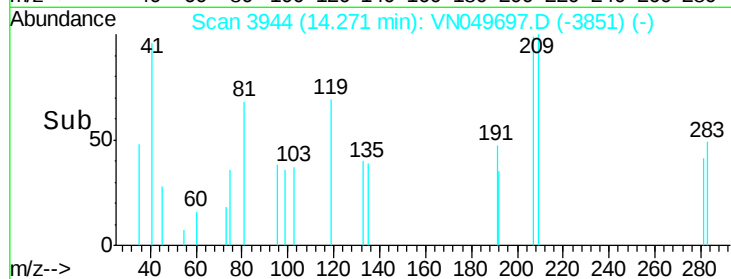
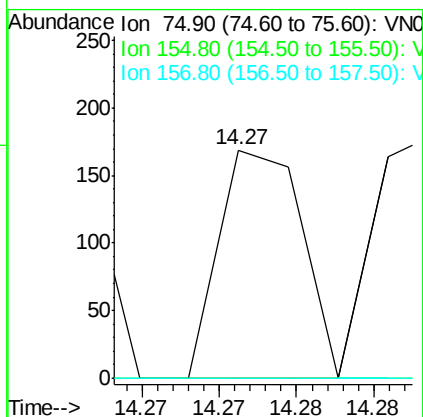
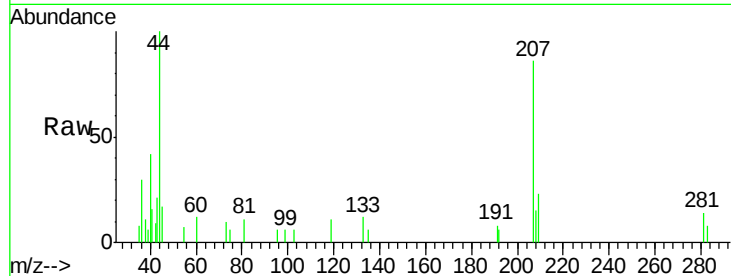
Acq: 3 Jul 2018 16:47

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:	75	Resp:	63
Ion	Ratio	Lower	Upper
75	100		
155	0.0	45.7	137.1#
157	0.0	56.9	170.7#



#93

1,2,4-Trichlorobenzene

Concen: 2.51 ug/l

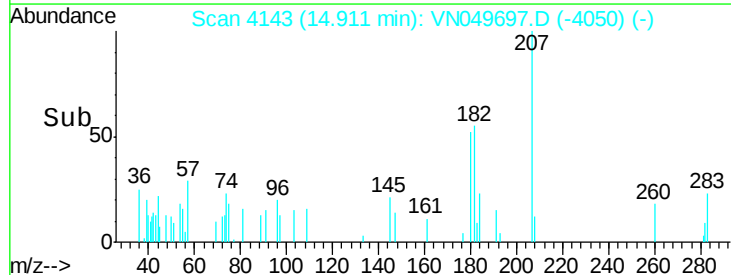
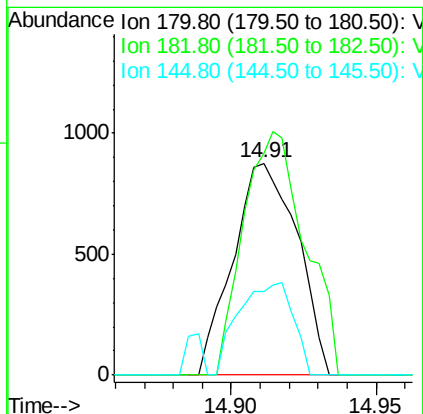
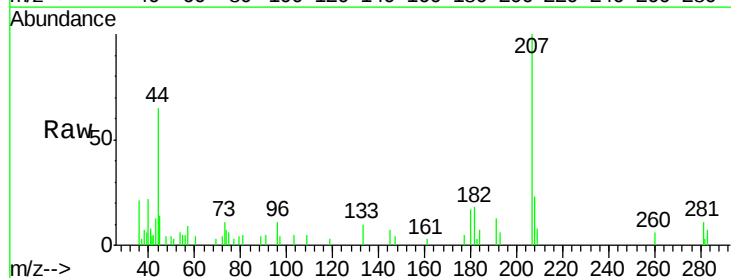
RT: 14.91 min Scan# 4143

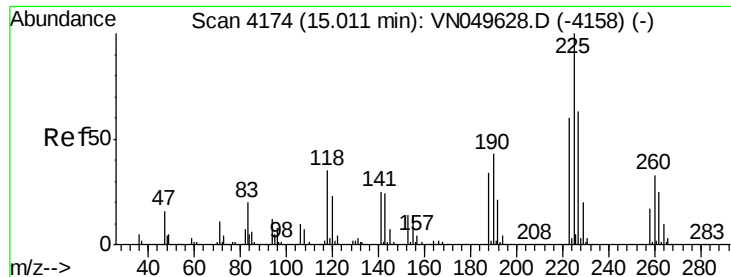
Delta R.T. 0.00 min

Lab File: VN049697.D

Acq: 3 Jul 2018 16:47

Tgt Ion:	180	Resp:	1351
Ion	Ratio	Lower	Upper
180	100		
182	109.7	47.3	141.9
145	36.9	14.4	43.0

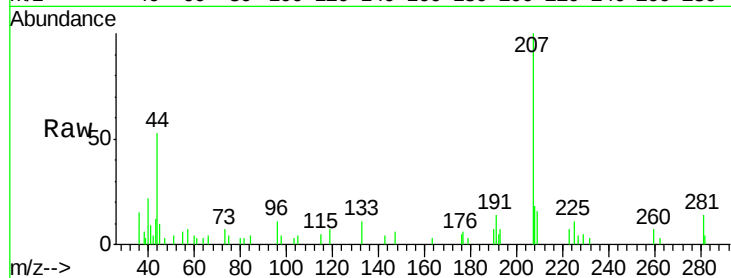




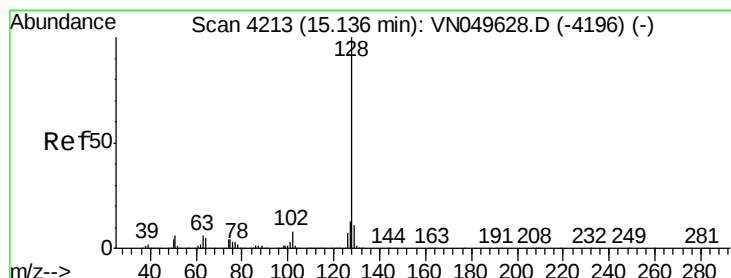
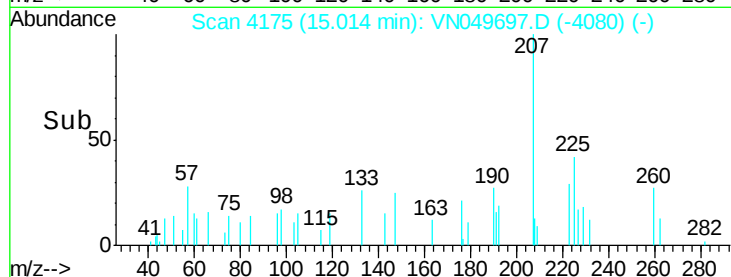
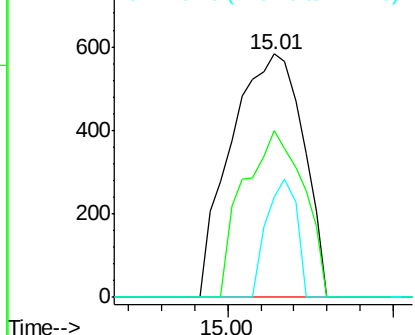
#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.01 min Scan# 4175
Delta R.T. 0.00 min
Lab File: VN049697.D
Acq: 3 Jul 2018 16:47

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:225 Resp: 883
Ion Ratio Lower Upper
225 100
223 57.2 30.9 92.7
227 20.2 31.8 95.4#

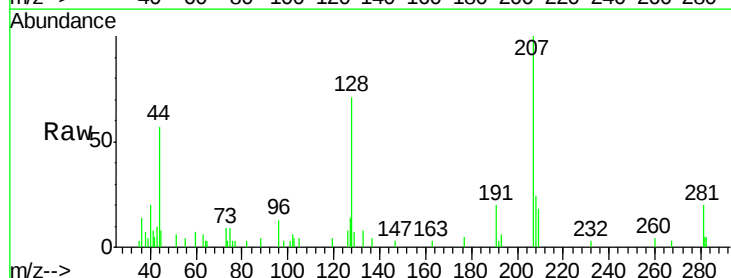


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

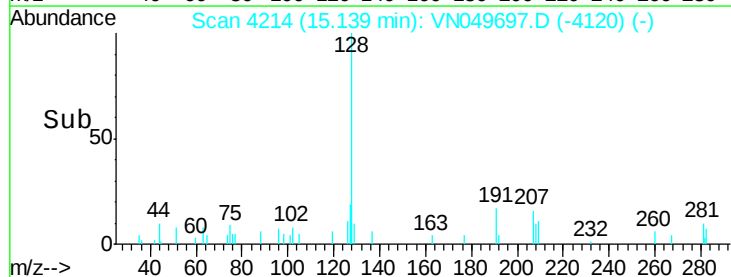
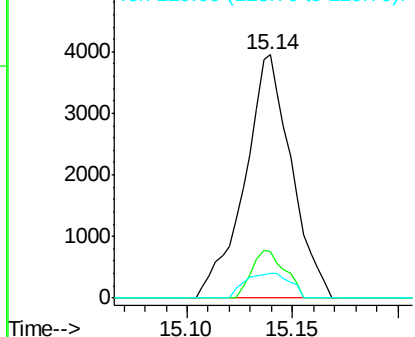


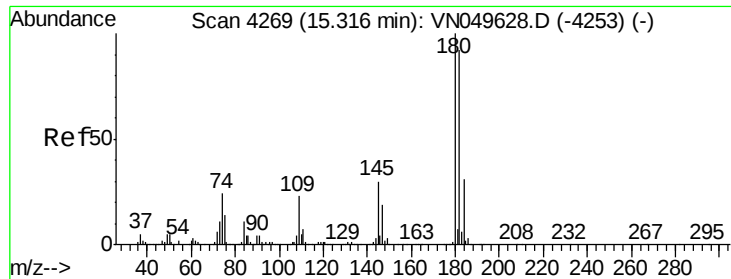
#95
Naphthalene
Concen: 4.25 ug/l
RT: 15.14 min Scan# 4214
Delta R.T. 0.00 min
Lab File: VN049697.D
Acq: 3 Jul 2018 16:47

Tgt Ion:128 Resp: 6079
Ion Ratio Lower Upper
128 100
127 14.1 10.4 15.6
129 9.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

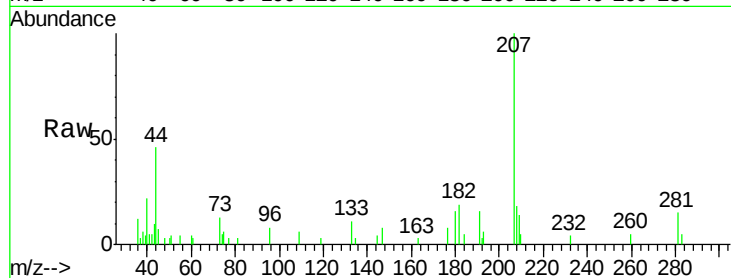




#96
 1,2,3-Trichlorobenzene
 Concen: 1.80 ua/l
 RT: 15.32 min Scan# 4269
 Delta R.T. 0.00 min
 Lab File: VN049697.D
 Acq: 3 Jul 2018 16:47

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	180	Resp:	1801
Ion	Ratio	Lower	Upper
180	100		
182	107.2	47.4	142.2
145	15.9	15.2	45.6



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

