

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
 Data File : VN050727.D
 Acq On : 17 Aug 2018 13:58
 Operator : MD\SY
 Sample : PB112140ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 17 23:13:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	619885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1012799	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	870750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	310406	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	420996	53.88	ug/l	0.00
Spiked Amount			Recovery	=	107.76%	
35) Dibromofluoromethane	7.59	113	393095	48.62	ug/l	0.00
Spiked Amount			Recovery	=	97.24%	
50) Toluene-d8	10.09	98	1390814	45.70	ug/l	0.00
Spiked Amount			Recovery	=	91.40%	
62) 4-Bromofluorobenzene	12.40	95	381571	37.95	ug/l	0.00
Spiked Amount			Recovery	=	75.90%	

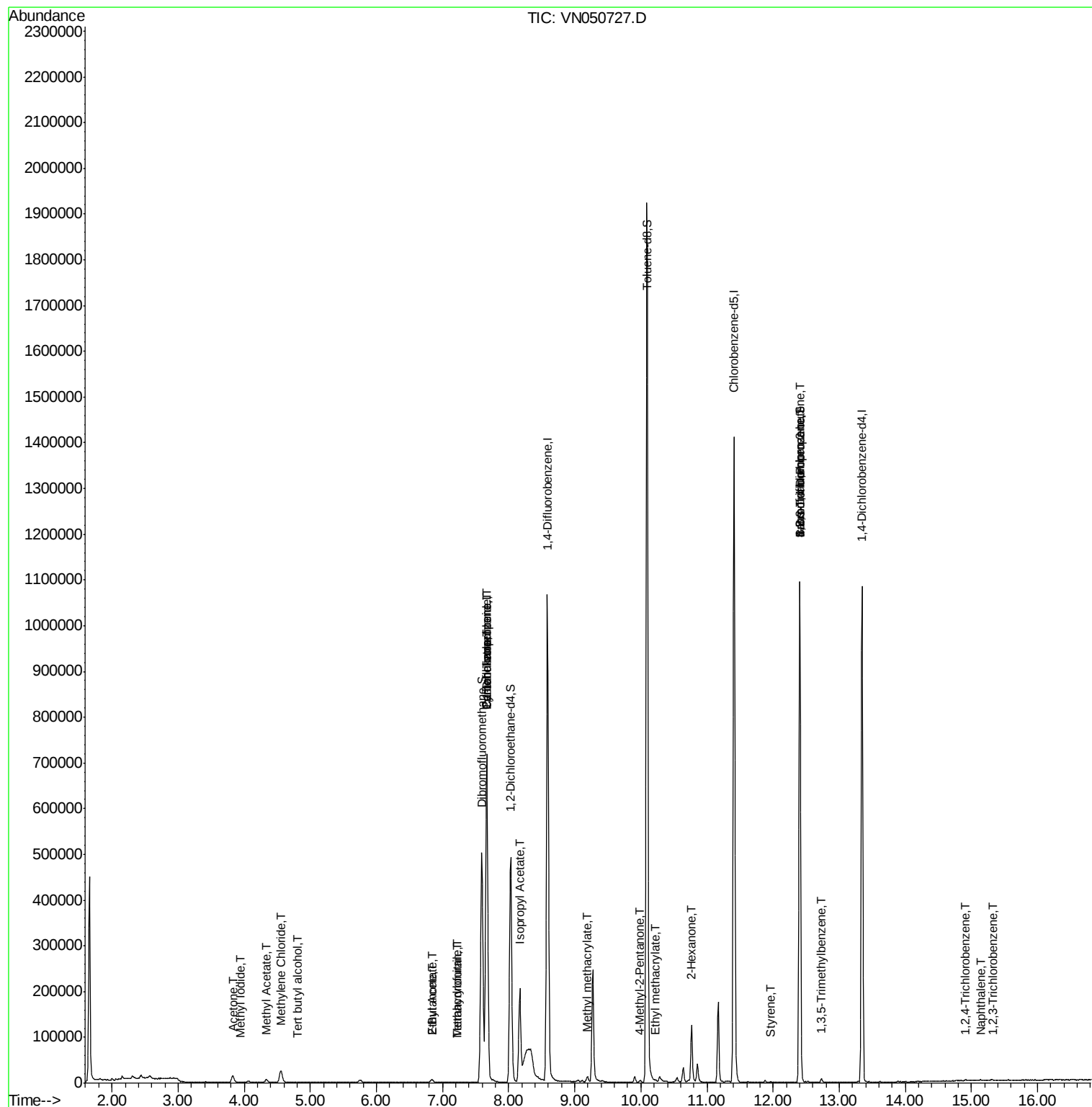
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2498	Below Cal		96
5) Bromomethane	2.57	94	2970	Below Cal	#	79
6) Chloroethane	2.69	64	152	Below Cal	#	43
10) Methyl Iodide	3.95	142	903	7.10	ug/l	# 42
11) Tert butyl alcohol	4.80	59	175	0.41	ug/l	# 72
16) Acetone	3.83	43	24614	11.23	ug/l	94
18) Methyl Acetate	4.33	43	12190	1.25	ug/l	93
20) Methylene Chloride	4.55	84	21498	1.67	ug/l	88
25) 2-Butanone	6.85	43	4045	1.26	ug/l	# 81
29) Tetrahydrofuran	7.22	42	460	0.27	ug/l	# 49
31) Cyclohexane	7.67	56	11240	0.61	ug/l	# 1
36) 1,1-Dichloropropene	7.67	75	43393	3.85	ug/l	# 48
37) Ethyl Acetate	6.85	43	4045	0.63	ug/l	# 69
38) Carbon Tetrachloride	7.67	117	54526	4.66	ug/l	# 16
41) Methacrylonitrile	7.23	41	690	0.20	ug/l	# 26
43) Isopropyl Acetate	8.17	43	241051	20.76	ug/l	100
48) Methyl methacrylate	9.18	41	7382	1.26	ug/l	# 21
51) 4-Methyl-2-Pentanone	9.99	43	2630	0.33	ug/l	98
56) Ethyl methacrylate	10.23	69	1435	2.05	ug/l	# 66
59) 2-Hexanone	10.77	43	18355	3.62	ug/l	# 56
70) Styrene	11.96	104	441	0.96	ug/l	# 78
71) Bromoform	12.41	173	3394	0.63	ug/l	# 1
75) 1,1,2,2-Tetrachloroethane	12.41	83	60	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	175927	34.77	ug/l	# 100
80) 1,3,5-Trimethylbenzene	12.73	105	4069	0.21	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	175927	126.00	ug/l	# 13
93) 1,2,4-Trichlorobenzene	14.91	180	789	2.81	ug/l	# 86
95) Naphthalene	15.13	128	1861	4.00	ug/l	# 76
96) 1,2,3-Trichlorobenzene	15.32	180	565	2.04	ug/l	# 20

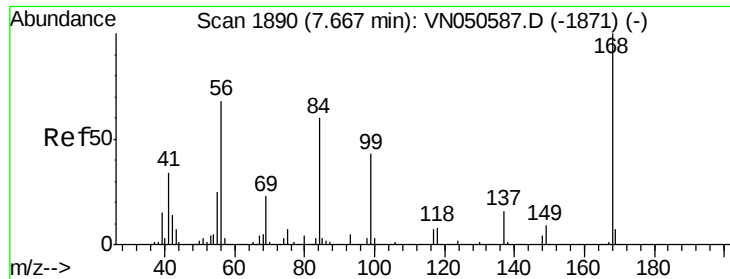
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081718\
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ClientSampleId :

Quant Time: Aug 17 23:13:27 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050727.D

Acq: 17 Aug 2018 13:58

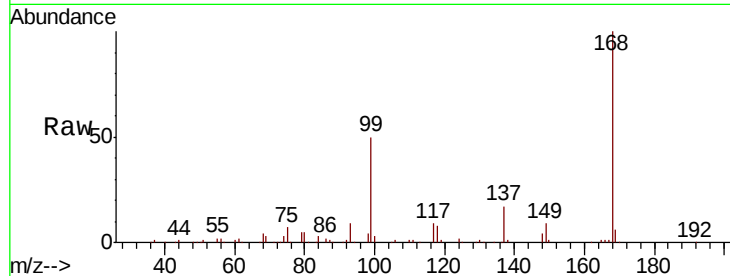
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 619885

Ion Ratio Lower Upper

168 100

99 49.8 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

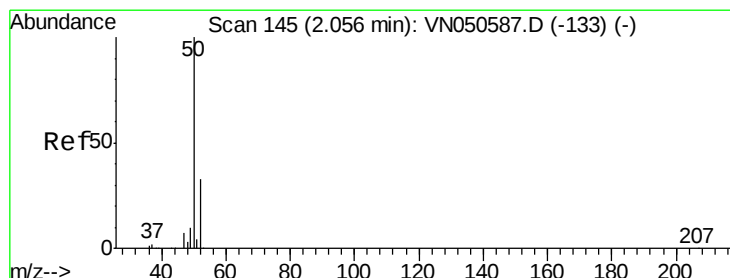
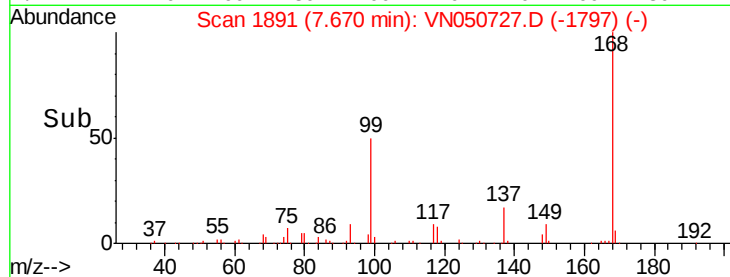
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050727.D

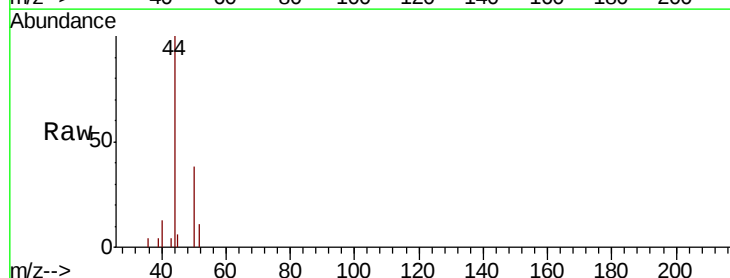
Acq: 17 Aug 2018 13:58

Tgt Ion: 50 Resp: 2498

Ion Ratio Lower Upper

50 100

52 30.1 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.06

2000

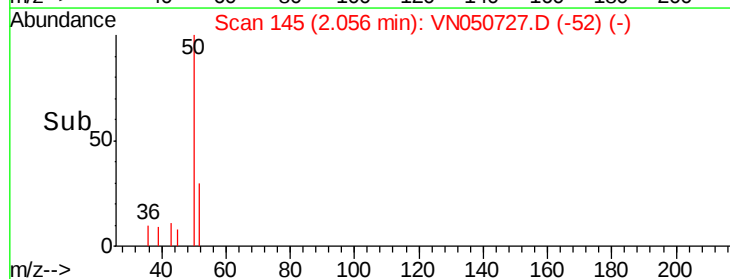
1500

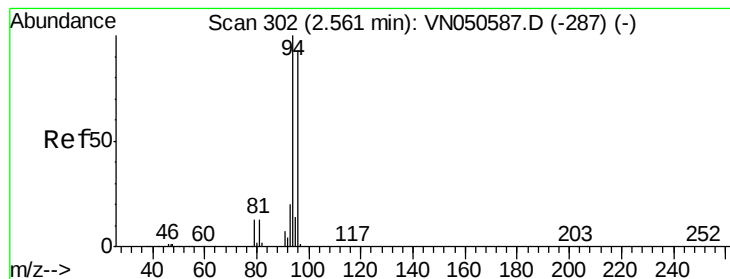
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 306

Delta R.T. 0.01 min

Lab File: VN050727.D

Acq: 17 Aug 2018 13:58

Instrument :

MSVOA_N

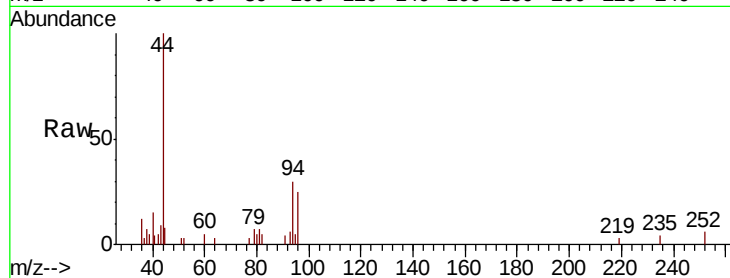
ClientSampled :

Tot Ion: 94 Resp: 2970

Ion Ratio Lower Upper

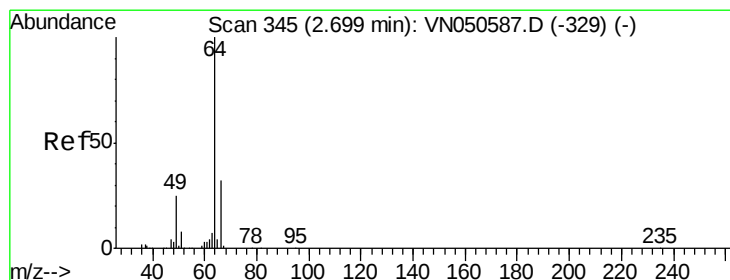
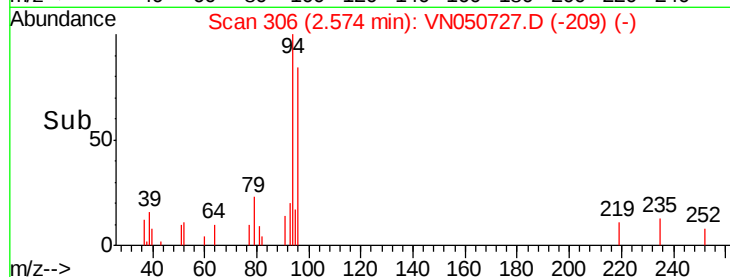
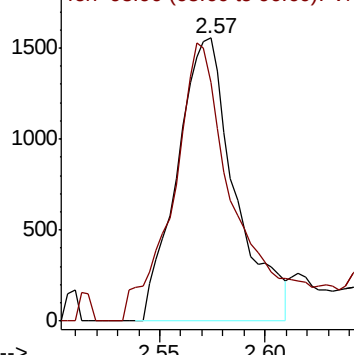
94 100

96 72.5 74.0 111.0#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: Below Cal

RT: 2.69 min Scan# 342

Delta R.T. -0.01 min

Lab File: VN050727.D

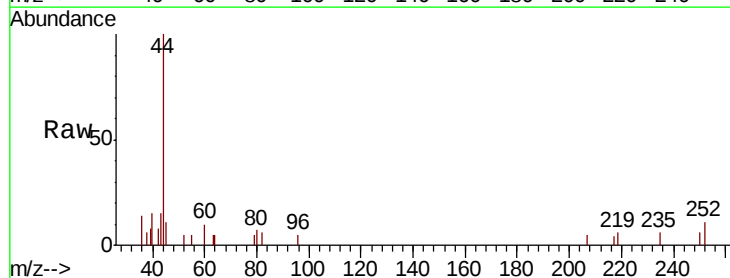
Acq: 17 Aug 2018 13:58

Tgt Ion: 64 Resp: 152

Ion Ratio Lower Upper

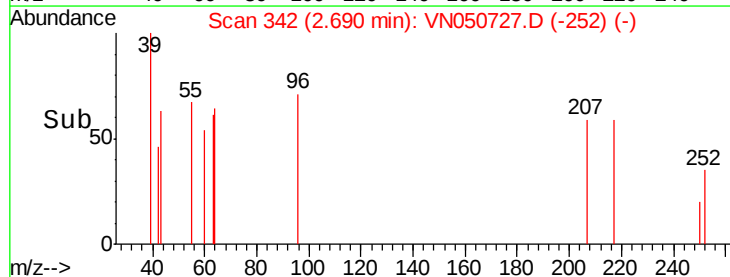
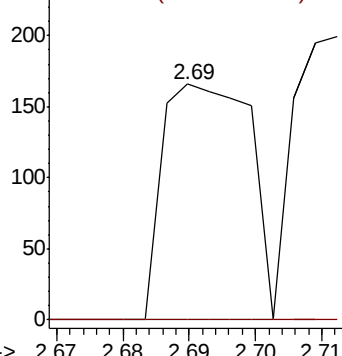
64 100

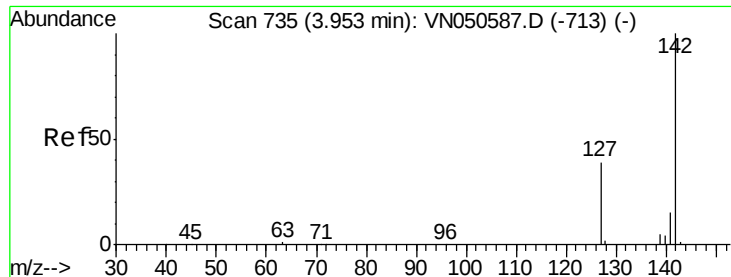
66 0.0 25.7 38.5#



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

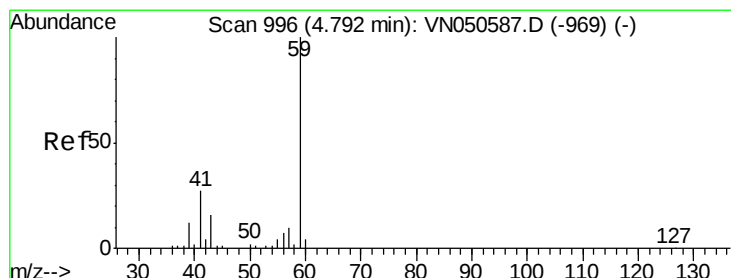
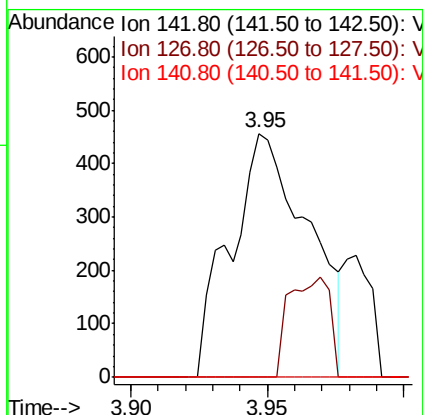
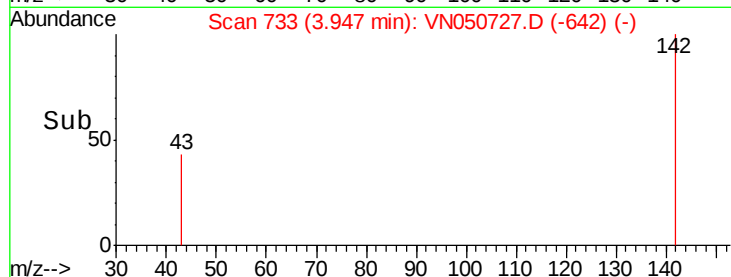
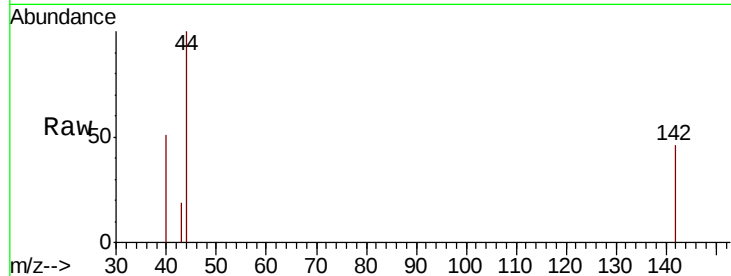




#10
Methvl Iodide
Concen: 7.10 ug/l
RT: 3.95 min Scan# 733
Delta R.T. -0.01 min
Lab File: VN050727.D
Acq: 17 Aug 2018 13:58

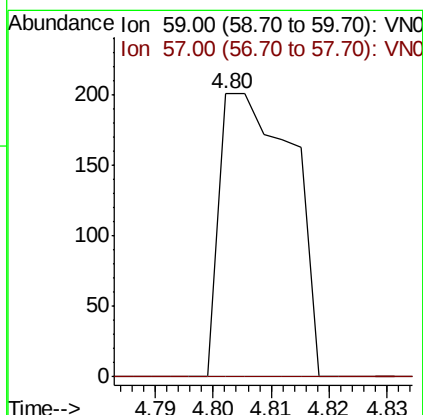
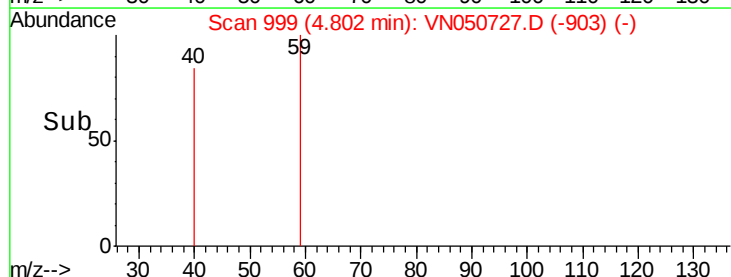
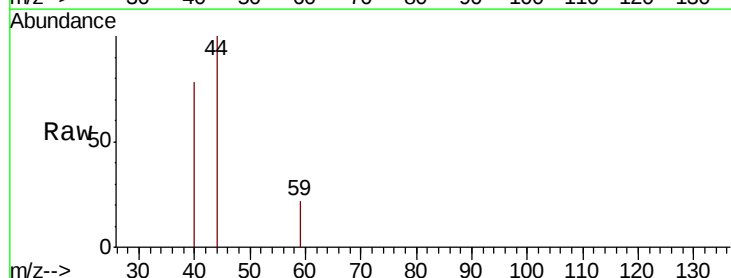
Instrument :
MSVOA_N
ClientSampled :

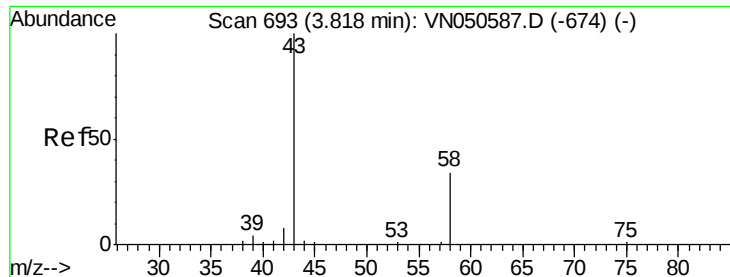
Tot Ion:142 Resp: 903
Ion Ratio Lower Upper
142 100
127 0.0 32.6 49.0#
141 0.0 11.5 17.3#



#11
Tert butyl alcohol
Concen: 0.41 ug/l
RT: 4.80 min Scan# 999
Delta R.T. 0.01 min
Lab File: VN050727.D
Acq: 17 Aug 2018 13:58

Tgt Ion: 59 Resp: 175
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#





#16

Acetone

Concen: 11.23 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050727.D

Acq: 17 Aug 2018 13:58

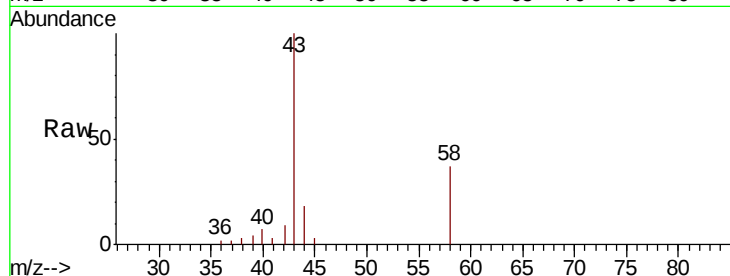
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 24614

Ion Ratio Lower Upper

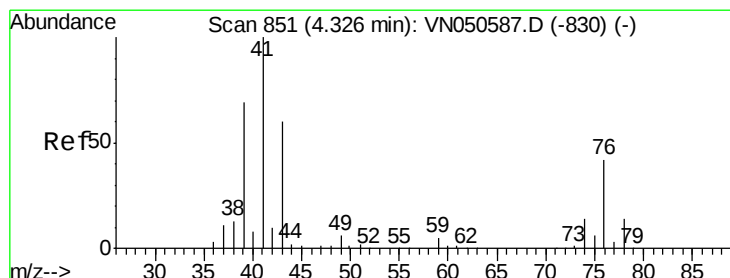
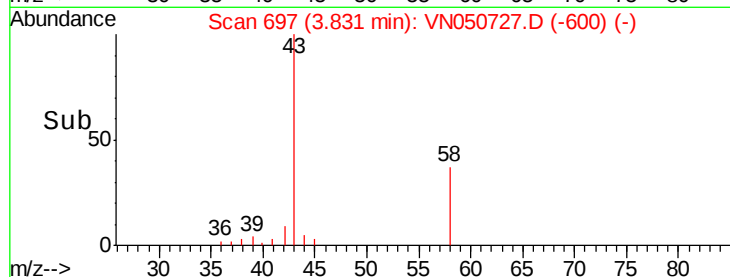
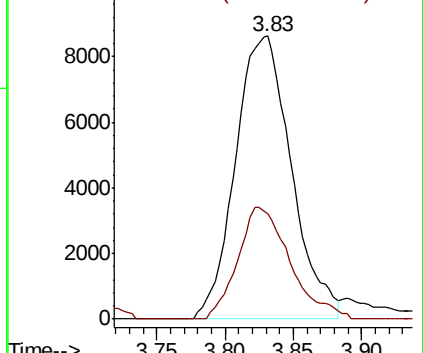
43 100

58 37.3 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN050727.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN050727.D (-600) (-)



#18

Methyl Acetate

Concen: 1.25 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.01 min

Lab File: VN050727.D

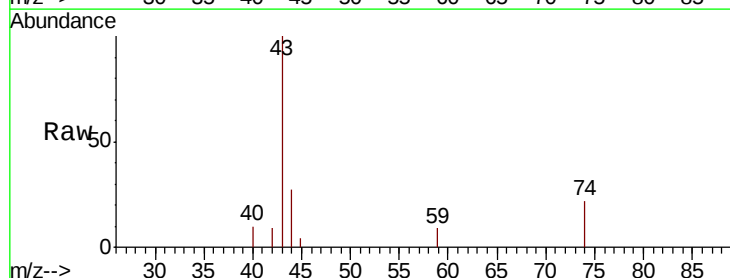
Acq: 17 Aug 2018 13:58

Tgt Ion: 43 Resp: 12190

Ion Ratio Lower Upper

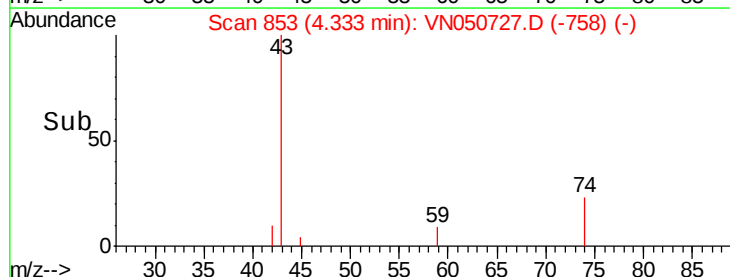
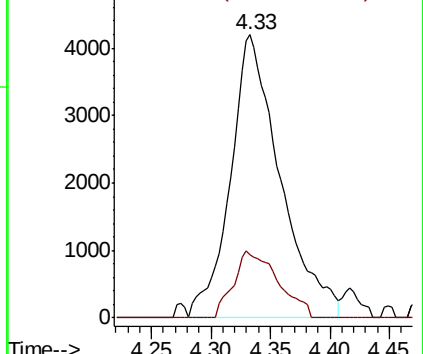
43 100

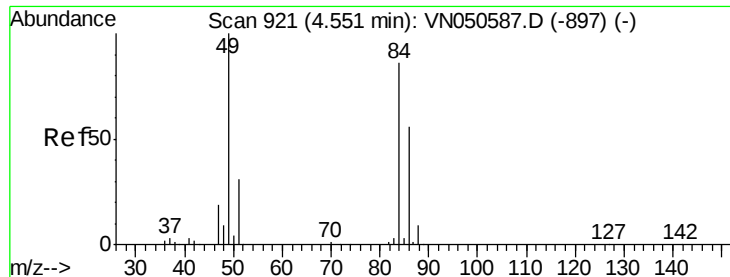
74 21.1 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VN050727.D (-758) (-)

Ion 74.00 (73.70 to 74.70): VN050727.D (-758) (-)

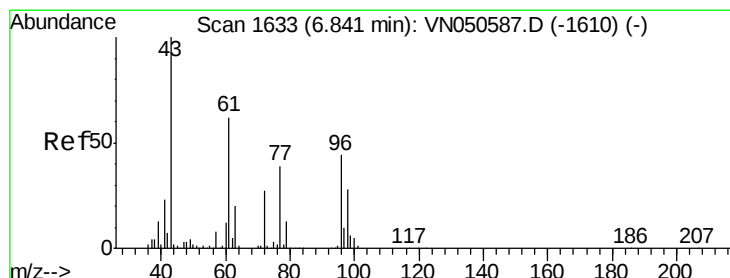
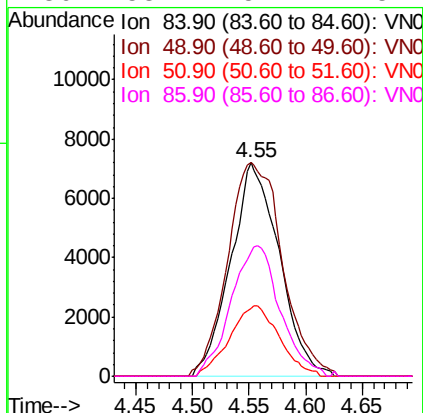
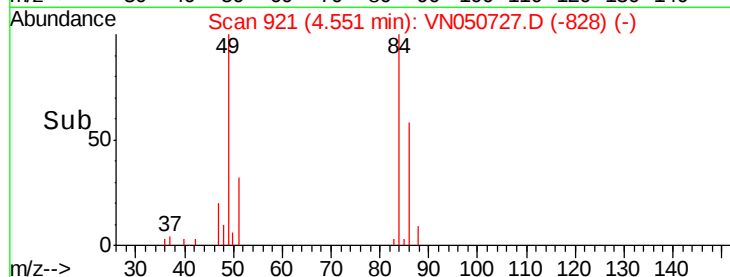
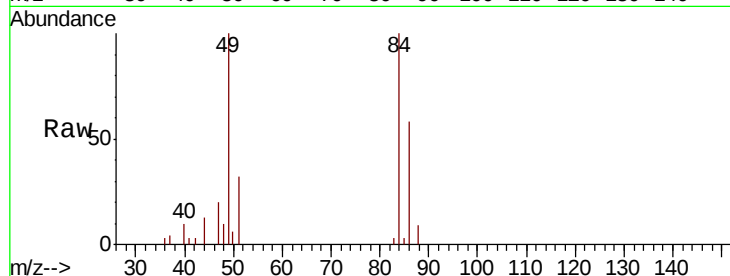




#20
Methvlene Chloride
Concen: 1.67 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050727.D
Acq: 17 Aug 2018 13:58

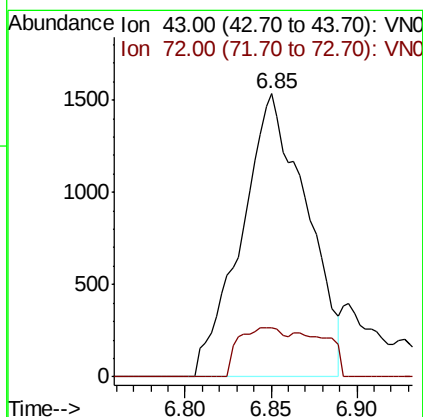
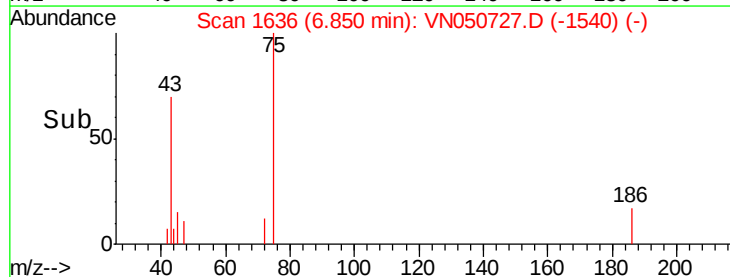
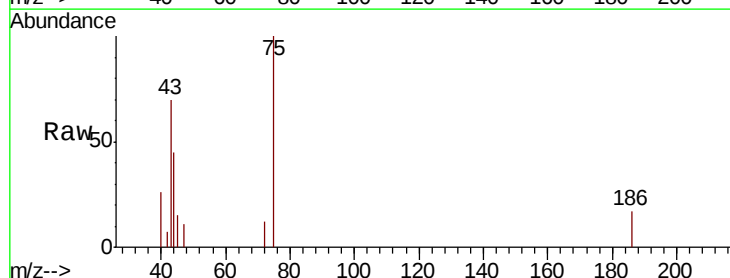
Instrument :
MSVOA_N
ClientSampled :

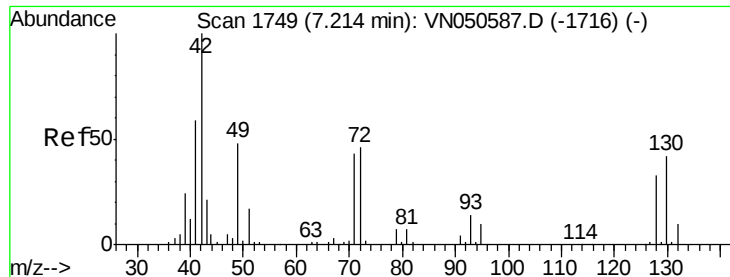
Tot Ion: 84 Resp: 21498
Ion Ratio Lower Upper
84 100
49 100.2 92.6 138.8
51 31.6 28.6 43.0
86 58.1 52.2 78.2



#25
2-Butanone
Concen: 1.26 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN050727.D
Acq: 17 Aug 2018 13:58

Tgt Ion: 43 Resp: 4045
Ion Ratio Lower Upper
43 100
72 17.4 21.8 32.6#





#29

Tetrahydrofuran

Concen: 0.27 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN050727.D

Acq: 17 Aug 2018 13:58

Instrument :

MSVOA_N

ClientSampled :

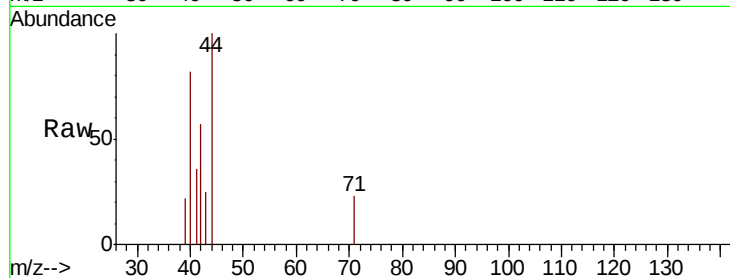
Tot Ion: 42 Resp: 460

Ion Ratio Lower Upper

42 100

72 0.0 35.8 53.6#

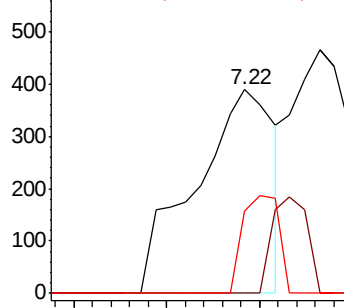
71 22.0 33.4 50.0#



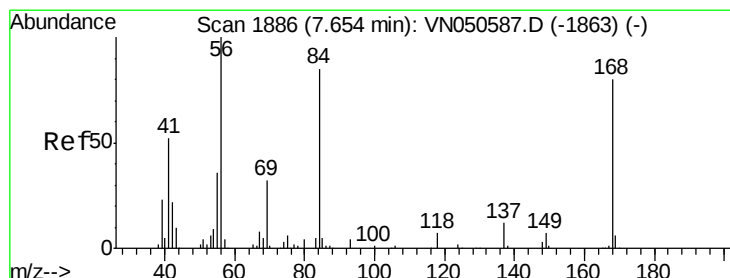
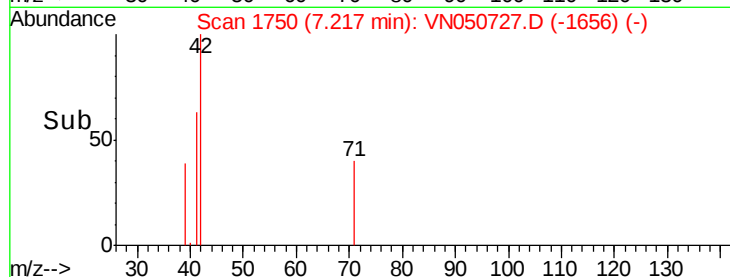
Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



Time-->



#31

Cyclohexane

Concen: 0.61 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN050727.D

Acq: 17 Aug 2018 13:58

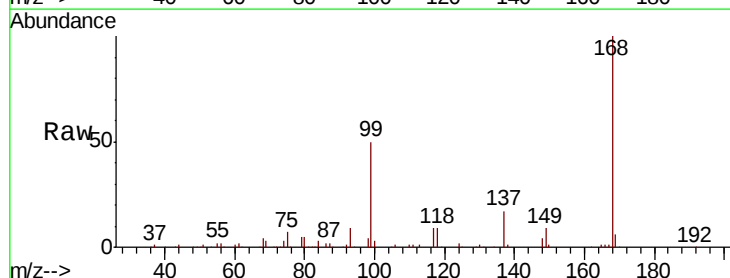
Tgt Ion: 56 Resp: 11240

Ion Ratio Lower Upper

56 100

69 189.1 25.8 38.6#

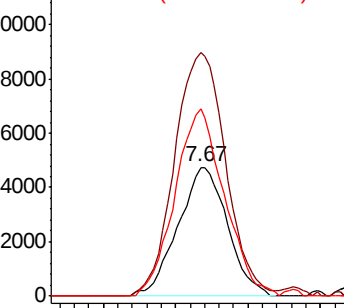
84 145.5 67.8 101.6#



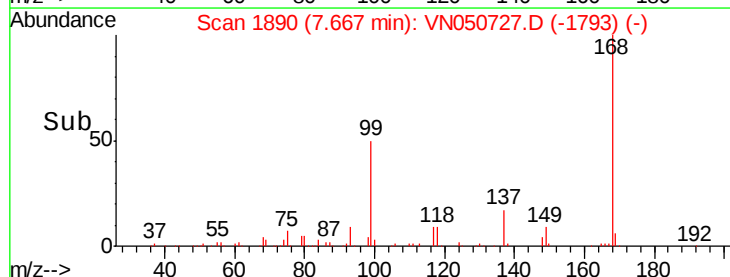
Abundance Ion 56.00 (55.70 to 56.70): VN0

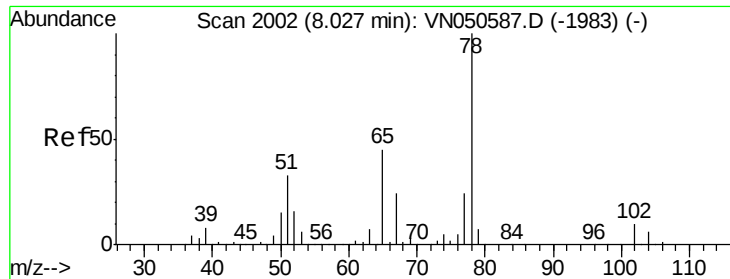
Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



Time-->

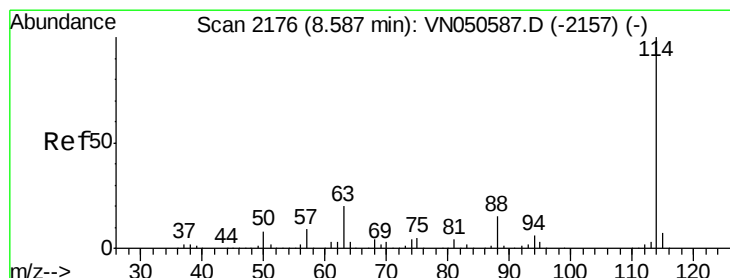
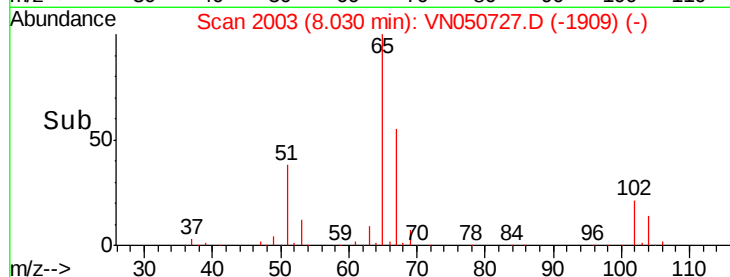
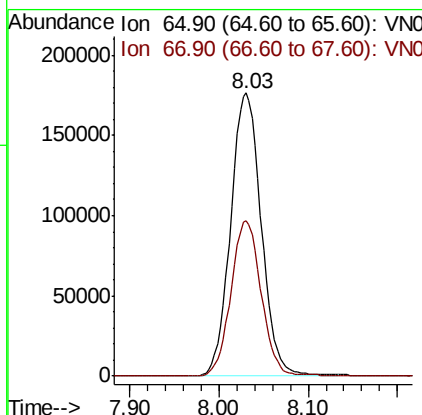
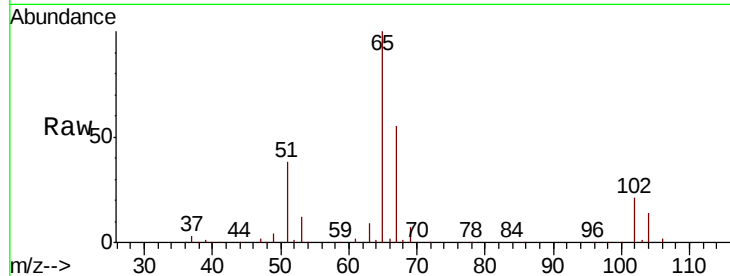




#33
 1,2-Dichloroethane-d4
 Concen: 53.88 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050727.D
 Acq: 17 Aug 2018 13:58

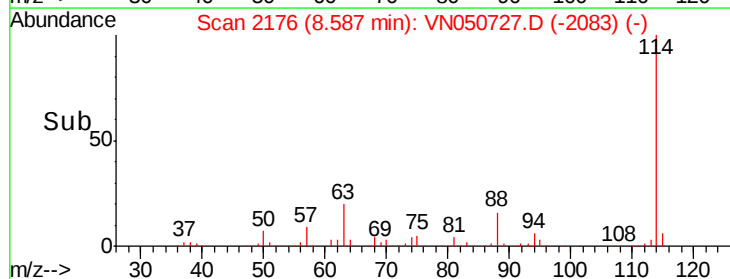
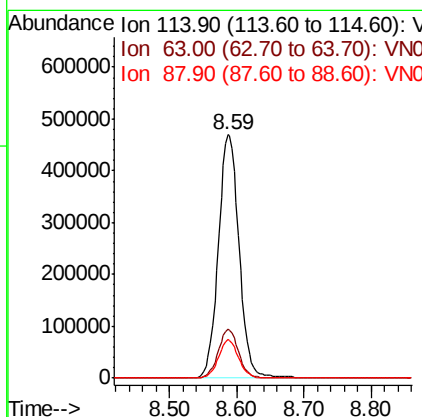
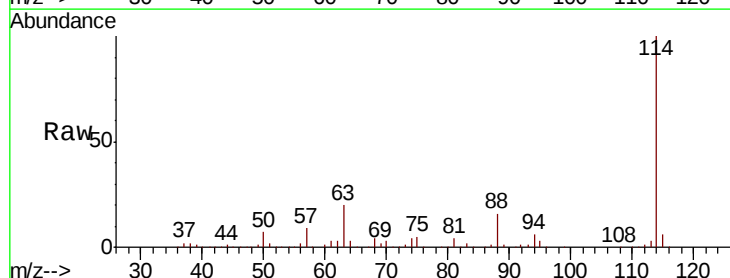
Instrument :
 MSVOA_N
 ClientSampleId :

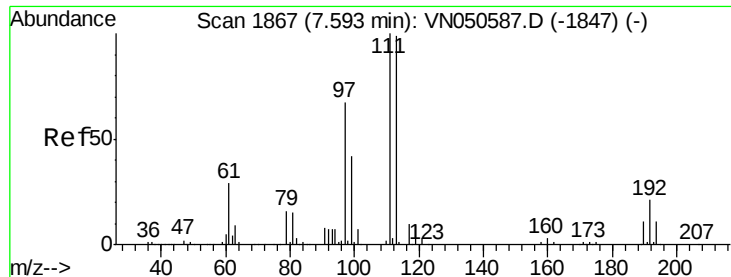
Tot Ion: 65 Resp: 420996
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050727.D
 Acq: 17 Aug 2018 13:58

Tgt Ion: 114 Resp: 1012799
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 15.8 0.0 30.8

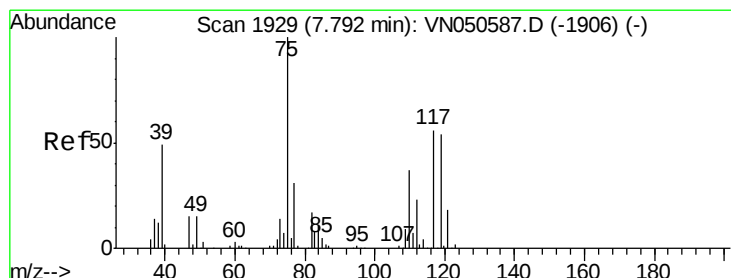
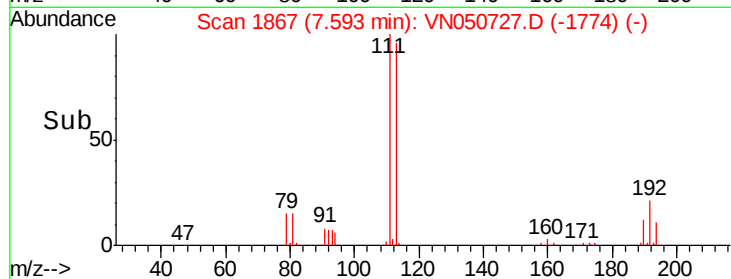
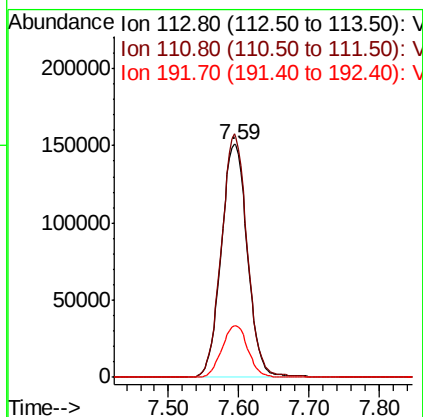
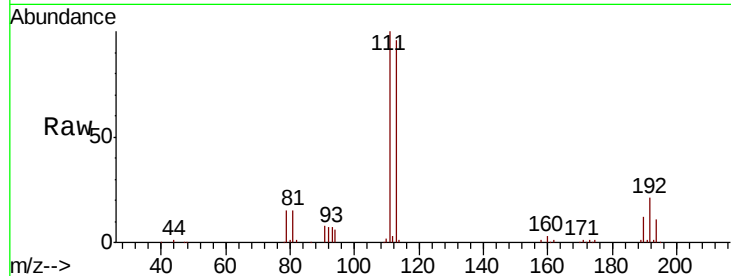




#35
Dibromofluoromethane
Concen: 48.62 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050727.D
Acq: 17 Aug 2018 13:58

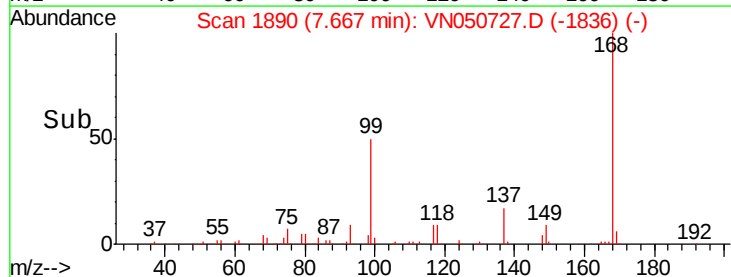
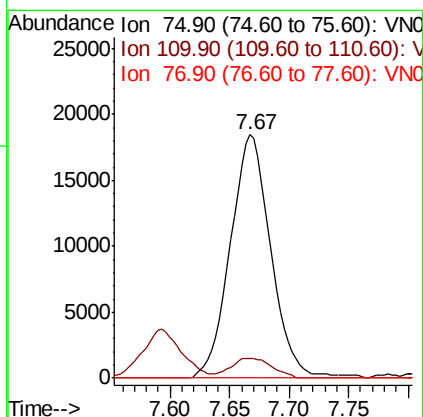
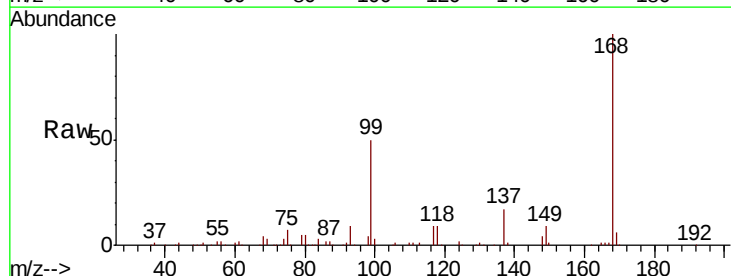
Instrument :
MSVOA_N
ClientSampleId :

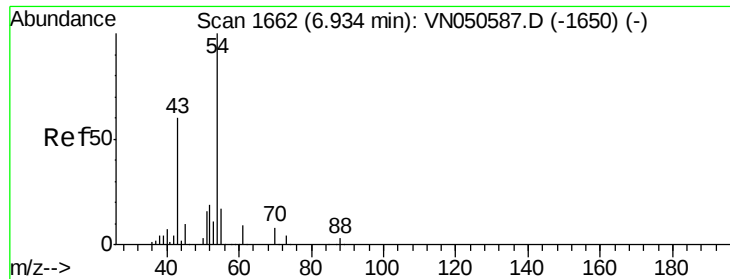
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.0	121.6
192	21.9	17.6	26.4



#36
1,1-Dichloropropene
Concen: 3.85 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.13 min
Lab File: VN050727.D
Acq: 17 Aug 2018 13:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.2	18.3	54.9#
77	0.0	25.0	37.4#

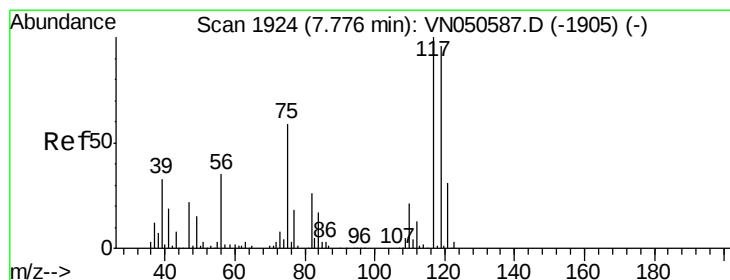
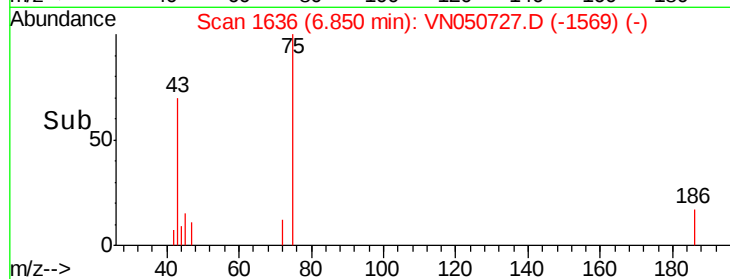
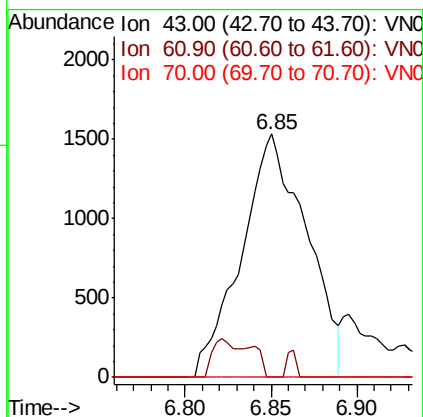
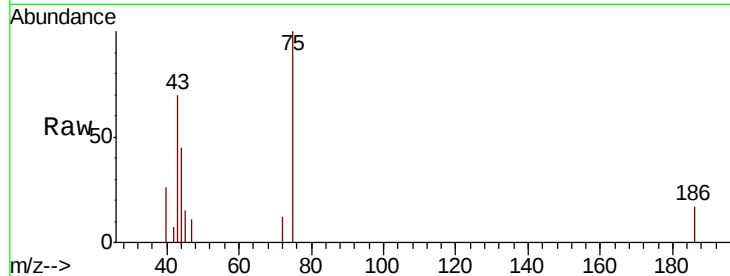




#37
Ethyl Acetate
Concen: 0.63 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. -0.08 min
Lab File: VN050727.D
Acq: 17 Aug 2018 13:58

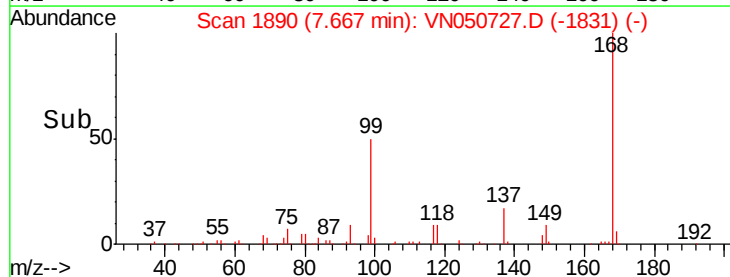
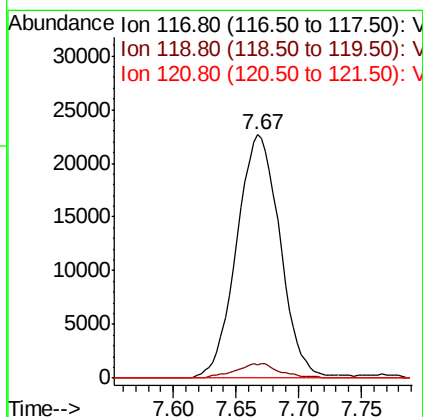
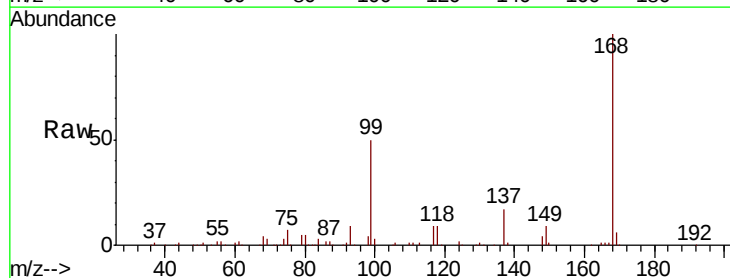
Instrument :
MSVOA_N
ClientSampleId :

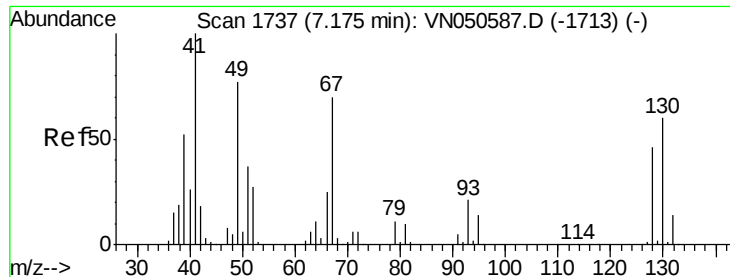
Tot Ion: 43 Resp: 4045
Ion Ratio Lower Upper
43 100
61 1.6 12.0 18.0#
70 0.0 8.5 12.7#



#38
Carbon Tetrachloride
Concen: 4.66 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN050727.D
Acq: 17 Aug 2018 13:58

Tgt Ion: 117 Resp: 54526
Ion Ratio Lower Upper
117 100
119 5.7 76.6 115.0#
121 0.0 25.0 37.6#

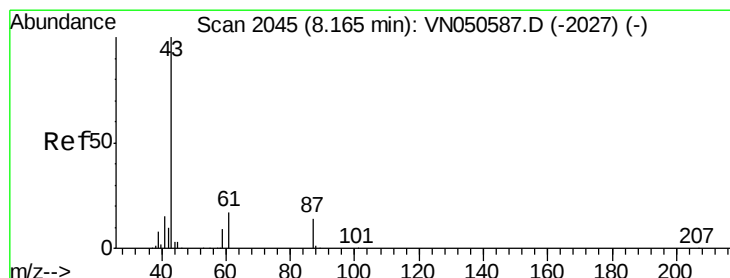
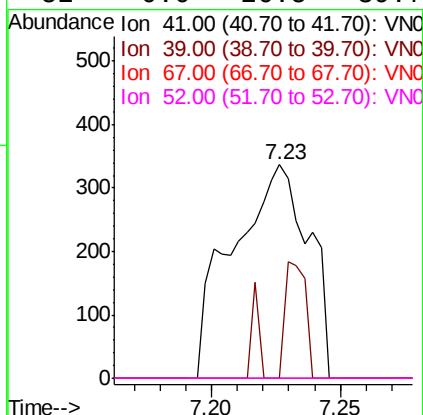
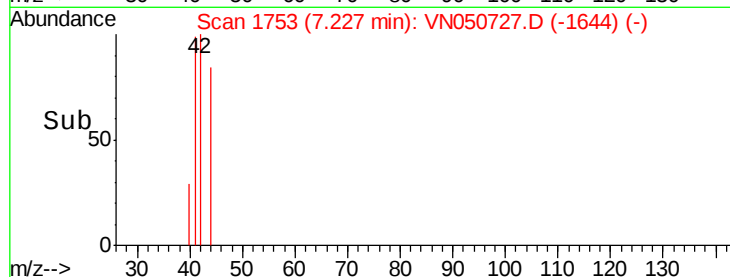
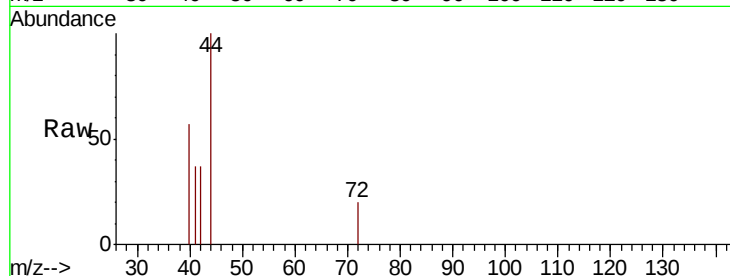




#41
Methacrylonitrile
Concen: 0.20 ug/l
RT: 7.23 min Scan# 1753
Delta R.T. 0.05 min
Lab File: VN050727.D
Acq: 17 Aug 2018 13:58

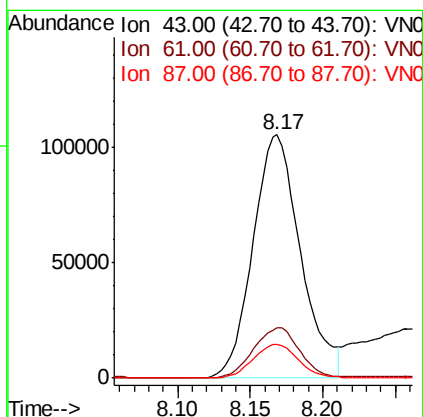
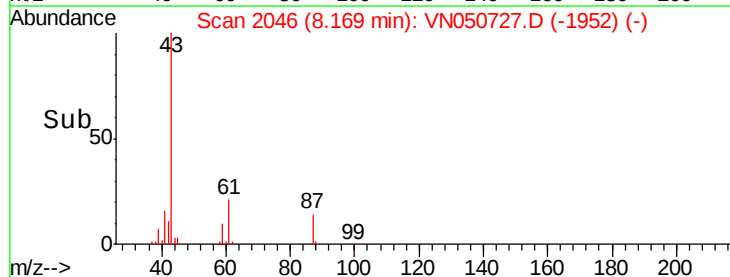
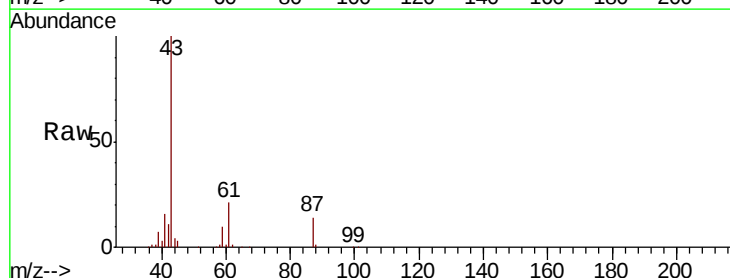
Instrument :
MSVOA_N
ClientSampled :

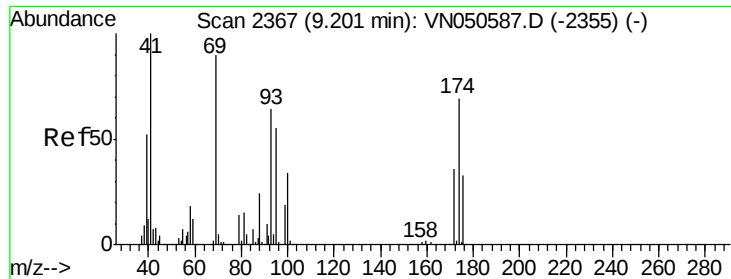
Tot Ion: 41 Resp: 690
Ion Ratio Lower Upper
41 100
39 14.5 44.6 66.8#
67 0.0 66.7 100.1#
52 0.0 26.5 39.7#



#43
Isopropyl Acetate
Concen: 20.76 ug/l
RT: 8.17 min Scan# 2046
Delta R.T. 0.00 min
Lab File: VN050727.D
Acq: 17 Aug 2018 13:58

Tgt Ion: 43 Resp: 241051
Ion Ratio Lower Upper
43 100
61 20.2 16.2 24.2
87 13.2 10.9 16.3

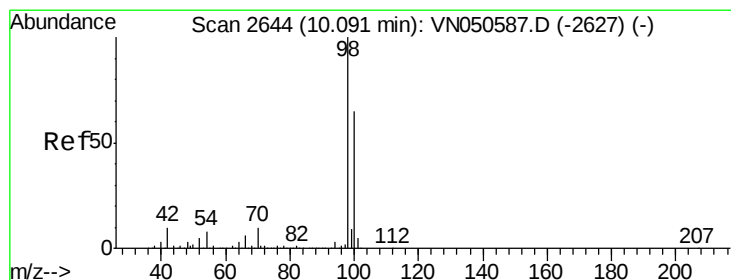
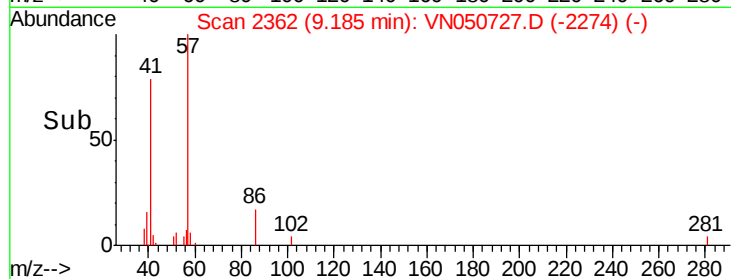
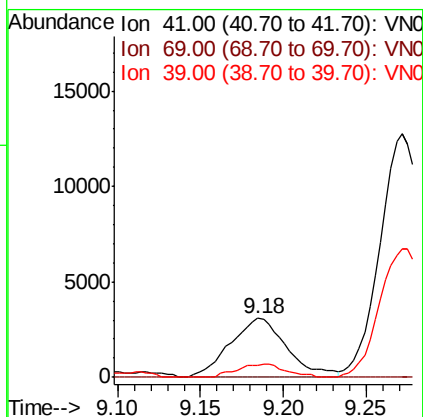
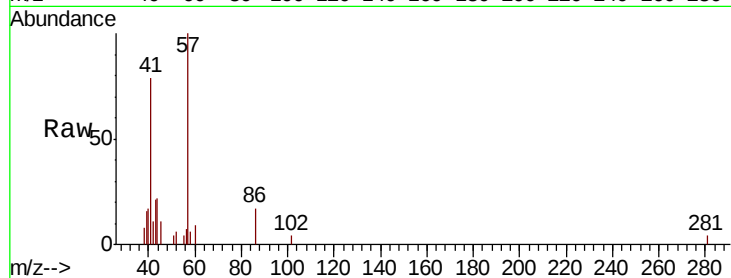




#48
Methyl methacrylate
Concen: 1.26 ug/l
RT: 9.18 min Scan# 2362
Delta R.T. -0.02 min
Lab File: VN050727.D
Acq: 17 Aug 2018 13:58

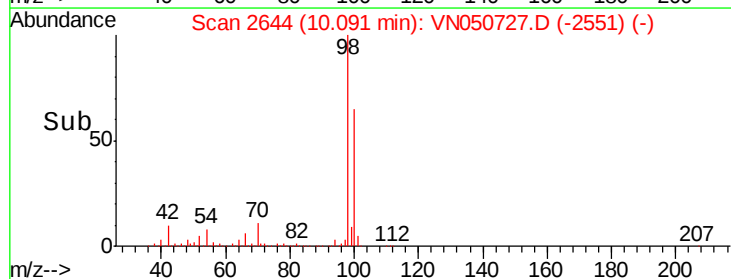
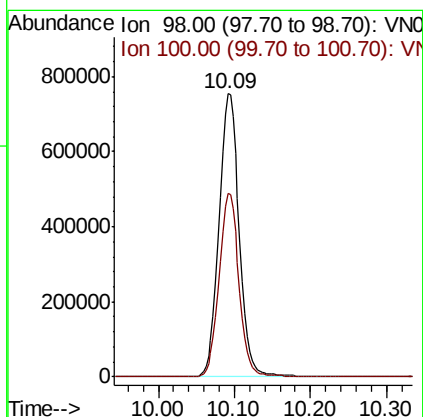
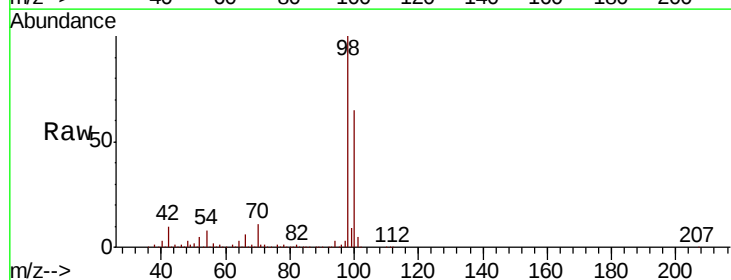
Instrument :
MSVOA_N
ClientSampleId :

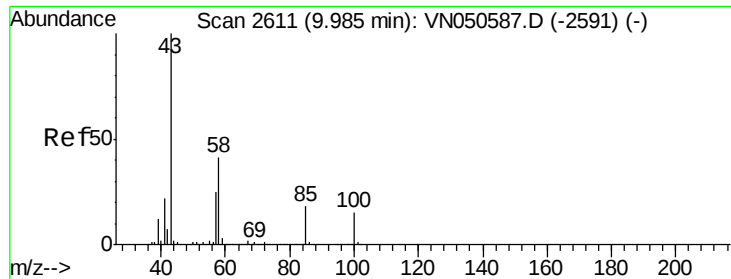
Tot Ion: 41 Resp: 7382
Ion Ratio Lower Upper
41 100
69 0.0 73.4 110.0#
39 18.8 43.0 64.6#



#50
Toluene-d8
Concen: 45.70 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050727.D
Acq: 17 Aug 2018 13:58

Tgt Ion: 98 Resp: 1390814
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 0.33 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN050727.D

Acq: 17 Aug 2018 13:58

Instrument :

MSVOA_N

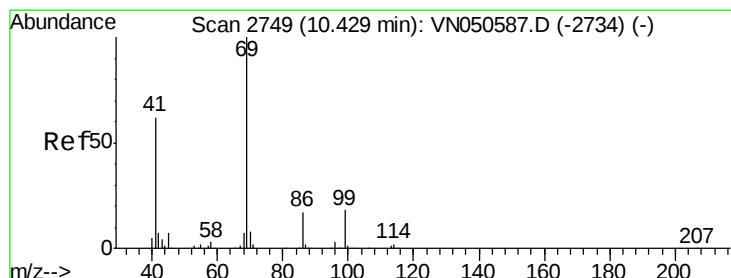
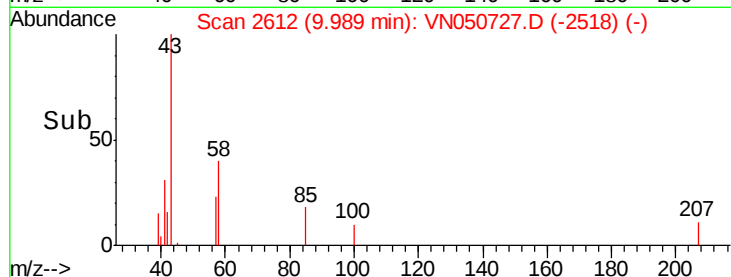
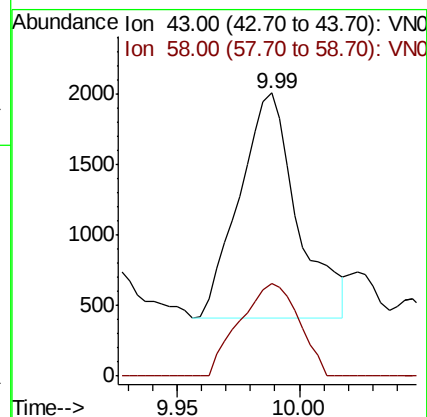
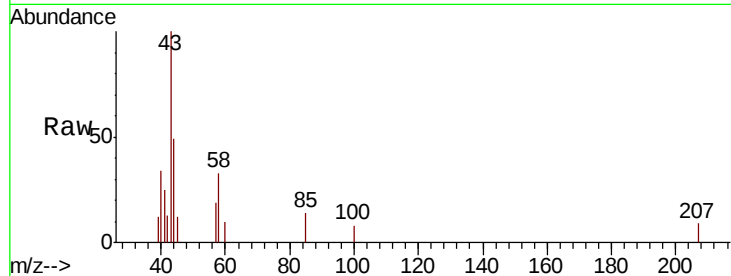
ClientSampled :

Tot Ion: 43 Resp: 2630

Ion Ratio Lower Upper

43 100

58 42.1 32.5 48.7



#56

Ethyl methacrylate

Concen: 2.05 ug/l

RT: 10.23 min Scan# 2686

Delta R.T. -0.20 min

Lab File: VN050727.D

Acq: 17 Aug 2018 13:58

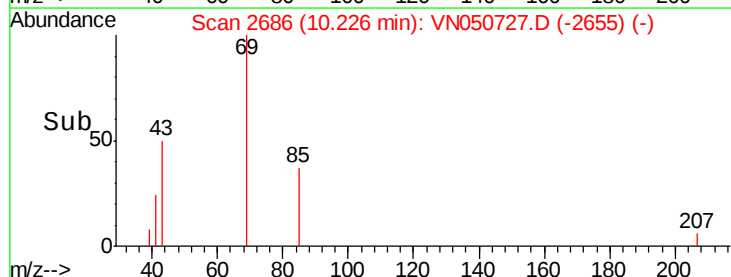
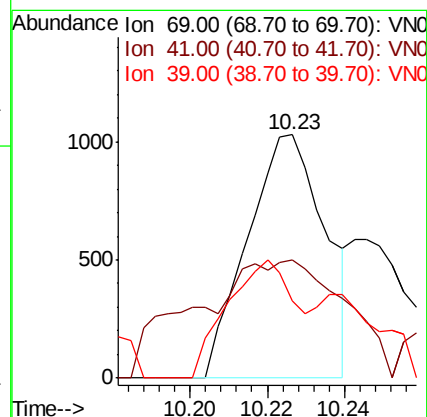
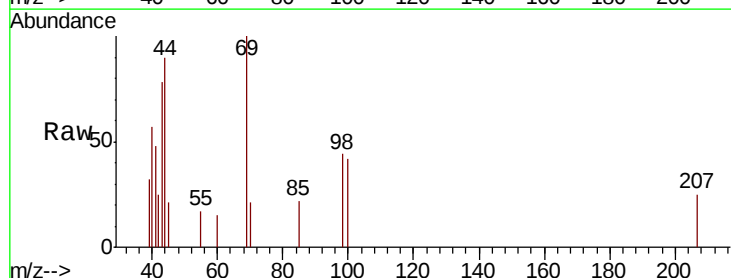
Tgt Ion: 69 Resp: 1435

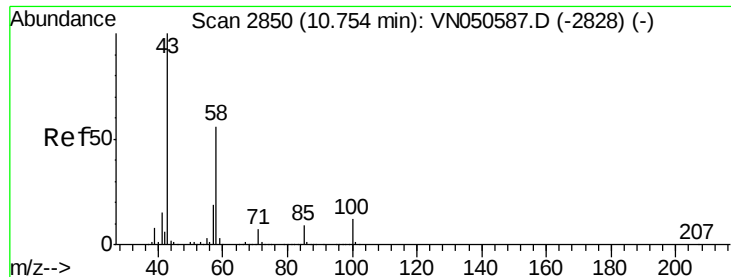
Ion Ratio Lower Upper

69 100

41 93.1 49.7 74.5#

39 42.2 24.2 36.2#

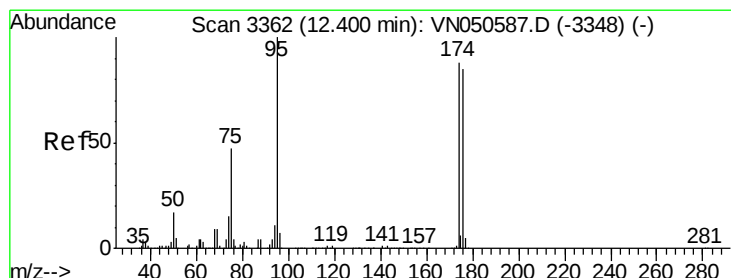
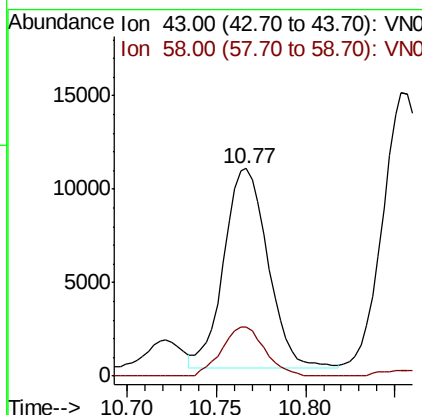
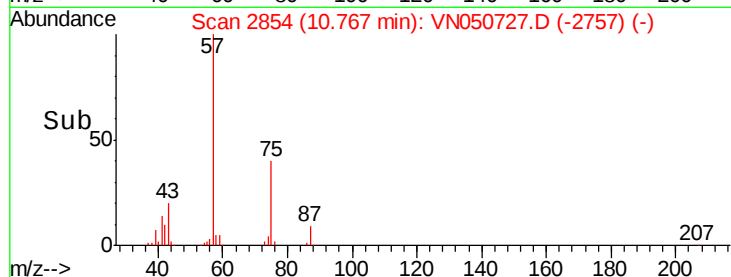
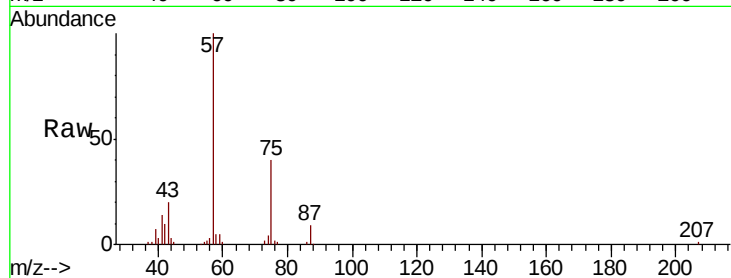




#59
2-Hexanone
Concen: 3.62 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050727.D
Acq: 17 Aug 2018 13:58

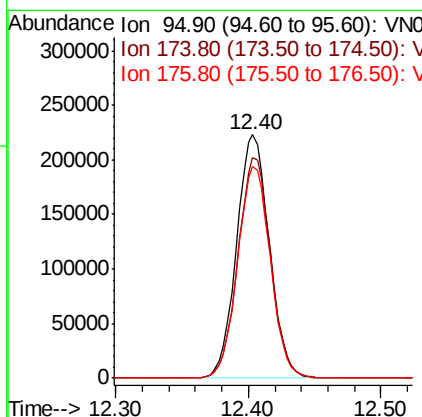
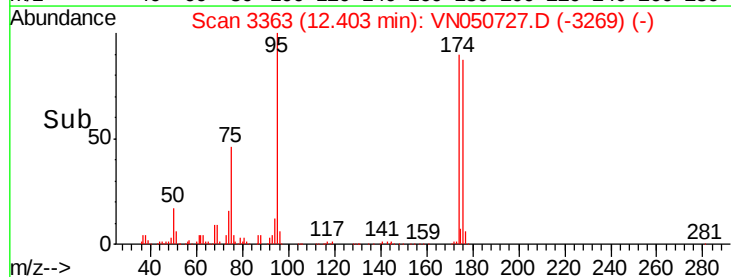
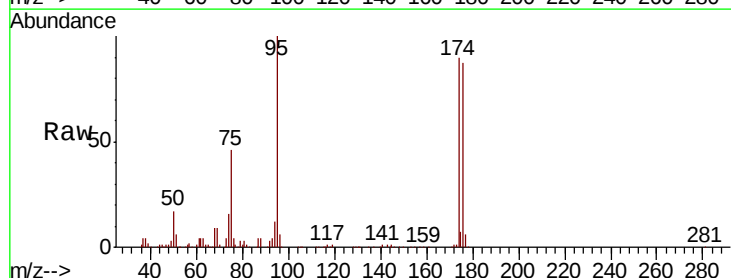
Instrument :
MSVOA_N
ClientSampleId :

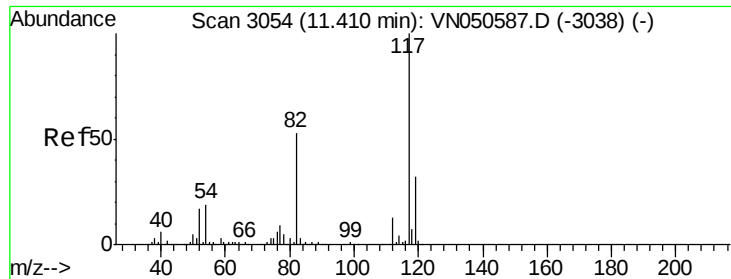
Tot Ion: 43 Resp: 18355
Ion Ratio Lower Upper
43 100
58 24.1 28.0 84.0#



#62
4-Bromofluorobenzene
Concen: 37.95 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050727.D
Acq: 17 Aug 2018 13:58

Tgt Ion: 95 Resp: 381571
Ion Ratio Lower Upper
95 100
174 90.5 0.0 177.8
176 87.1 0.0 175.0

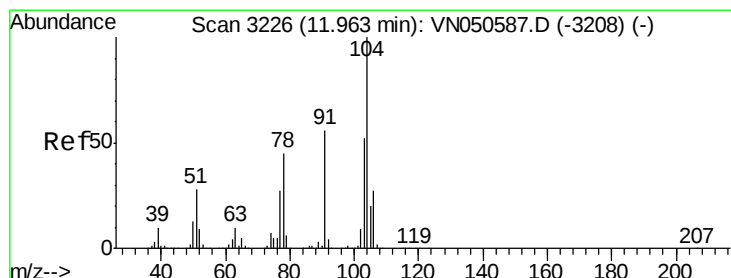
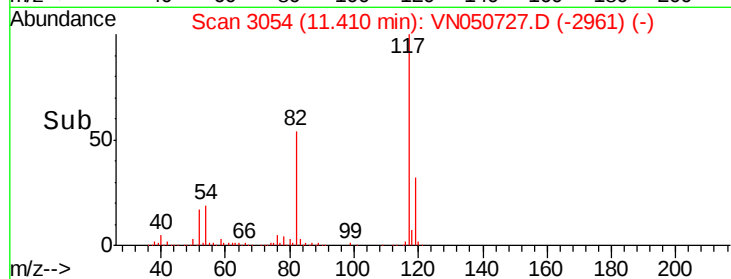
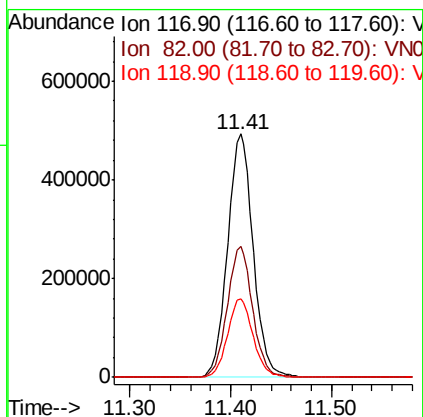
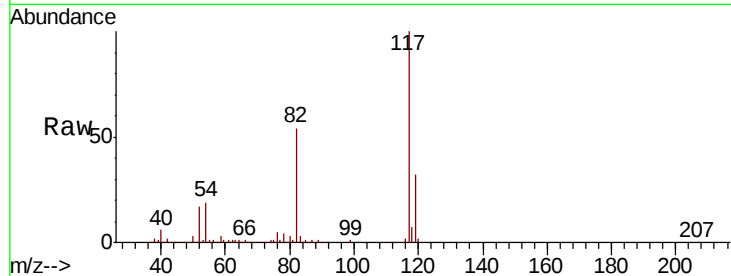




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050727.D
Acq: 17 Aug 2018 13:58

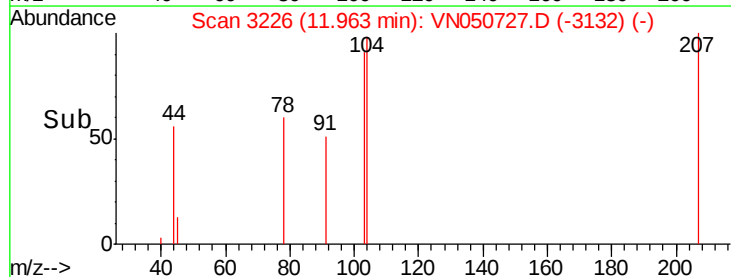
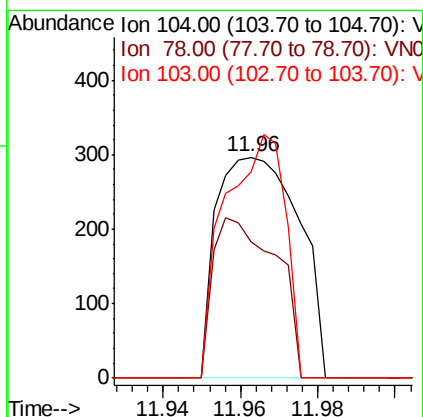
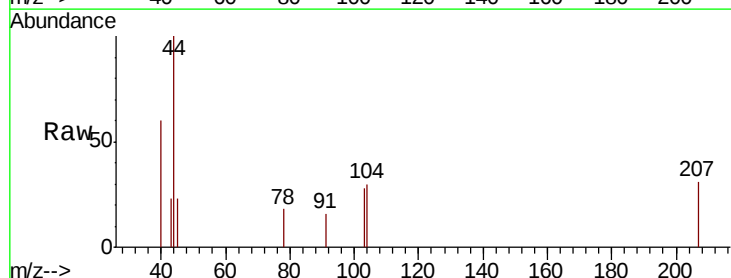
Instrument :
MSVOA_N
ClientSampled :

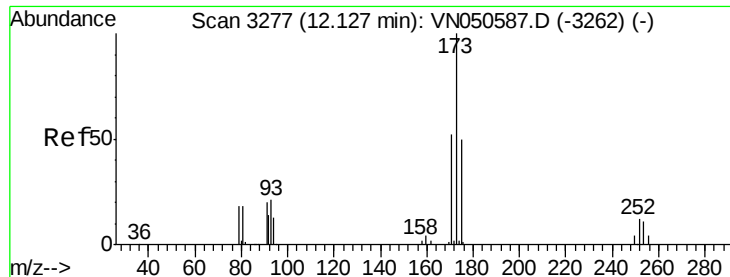
Tot Ion:117 Resp: 870750
Ion Ratio Lower Upper
117 100
82 53.7 42.4 63.6
119 32.4 25.8 38.8



#70
Styrene
Concen: 0.96 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VN050727.D
Acq: 17 Aug 2018 13:58

Tgt Ion:104 Resp: 441
Ion Ratio Lower Upper
104 100
78 55.3 39.1 58.7
103 80.0 44.9 67.3#





#71

Bromoform

Concen: 0.63 ug/l

RT: 12.41 min Scan# 3365

Delta R.T. 0.28 min

Lab File: VN050727.D

Acq: 17 Aug 2018 13:58

Instrument :

MSVOA_N

ClientSampleId :

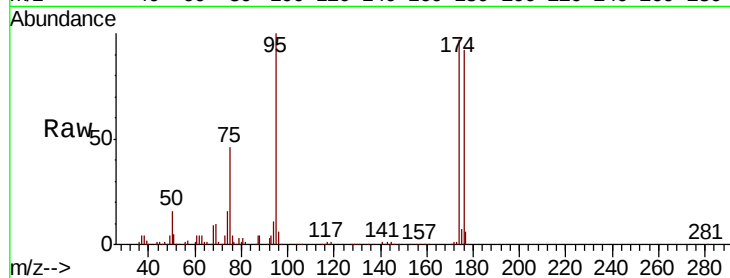
Tot Ion:173 Resp: 3394

Ion Ratio Lower Upper

173 100

175 628.1 24.4 73.2#

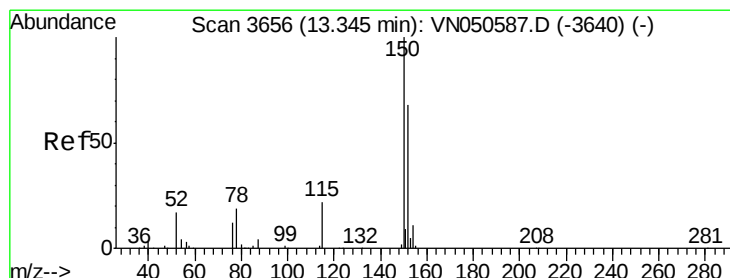
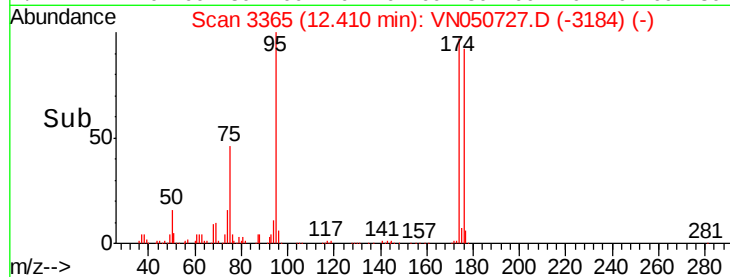
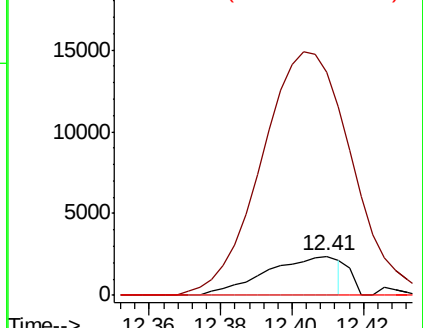
254 0.0 0.0 0.0



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# 3656

Delta R.T. 0.00 min

Lab File: VN050727.D

Acq: 17 Aug 2018 13:58

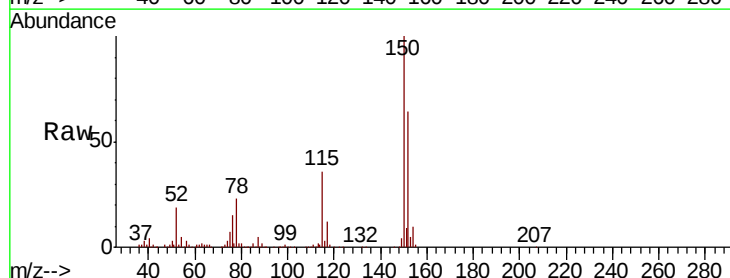
Tgt Ion:152 Resp: 310406

Ion Ratio Lower Upper

152 100

115 56.3 28.1 84.2

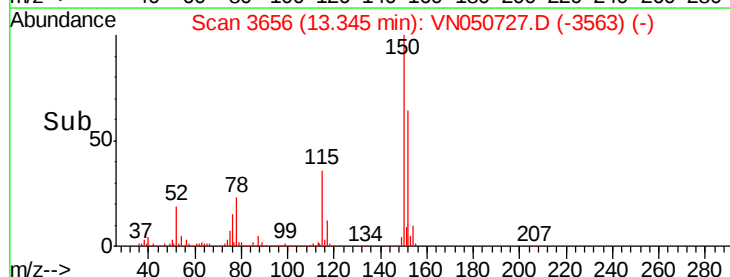
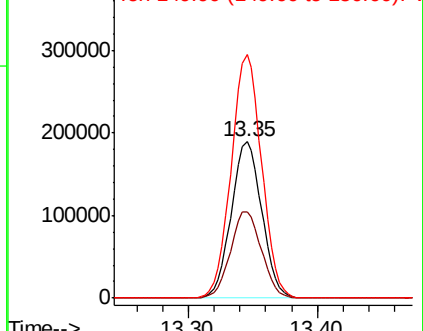
150 155.8 0.0 347.8

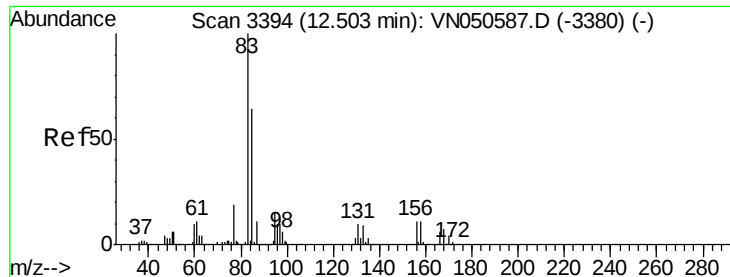


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.41 min Scan# 3366

Delta R.T. -0.09 min

Lab File: VN050727.D

Acq: 17 Aug 2018 13:58

Instrument :

MSVOA_N

ClientSampleId :

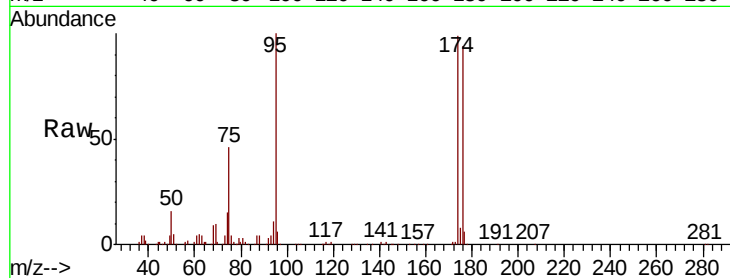
Tot Ion: 83 Resp: 60

Ion Ratio Lower Upper

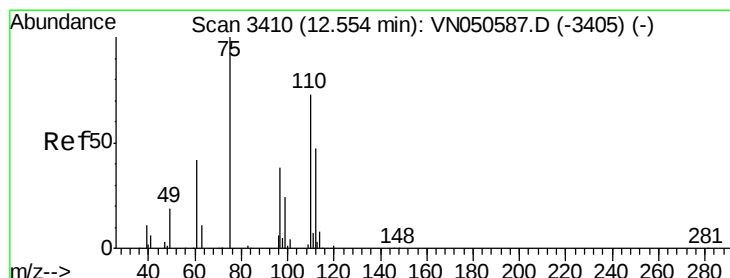
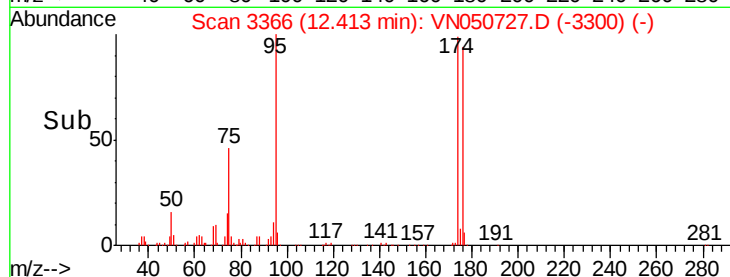
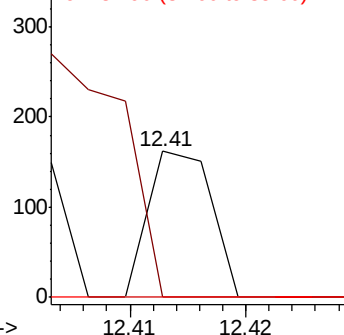
83 100

131 0.0 5.3 15.9#

85 0.0 32.1 96.5#



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 34.77 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050727.D

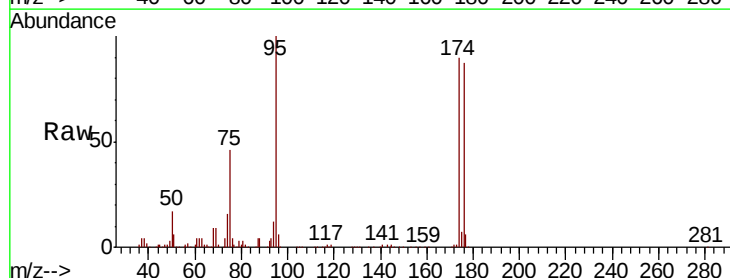
Acq: 17 Aug 2018 13:58

Tgt Ion: 75 Resp: 175927

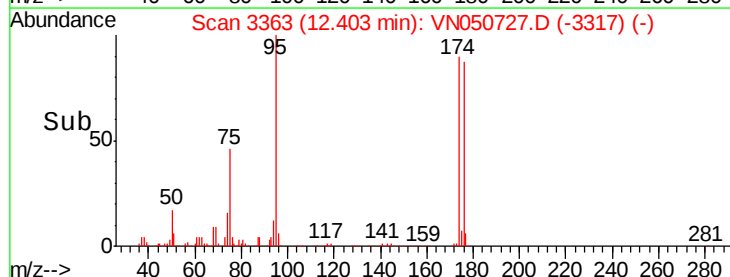
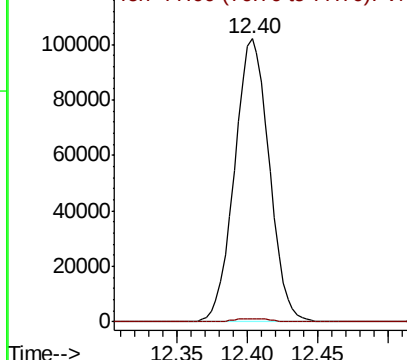
Ion Ratio Lower Upper

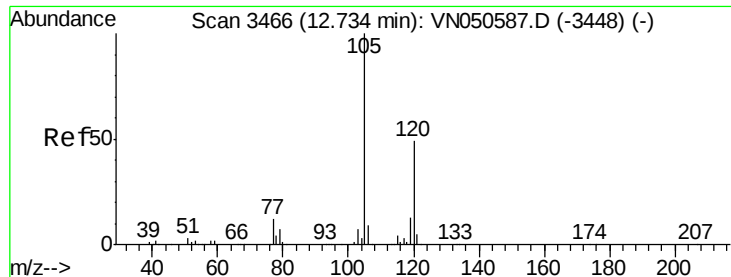
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#80

1,3,5-Trimethylbenzene

Concen: 0.21 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050727.D

Acq: 17 Aug 2018 13:58

Instrument :

MSVOA_N

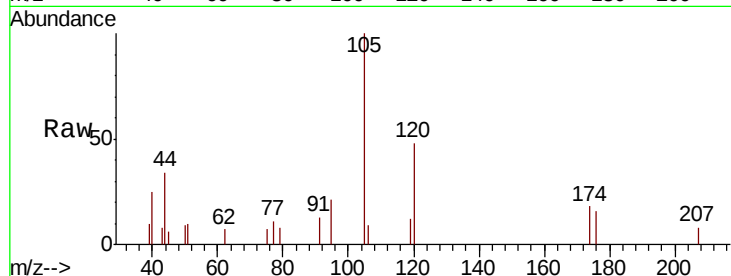
ClientSampleId :

Tot Ion:105 Resp: 4069

Ion Ratio Lower Upper

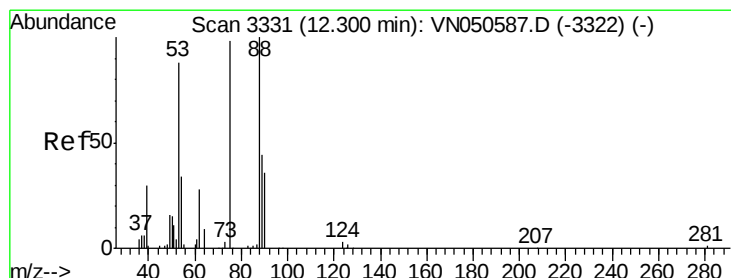
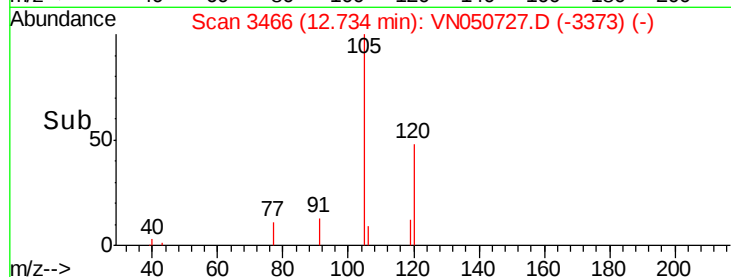
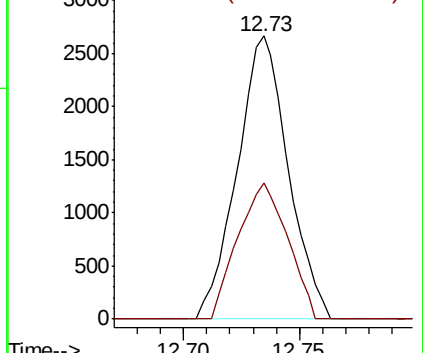
105 100

120 46.7 24.7 74.1



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: 126.00 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050727.D

Acq: 17 Aug 2018 13:58

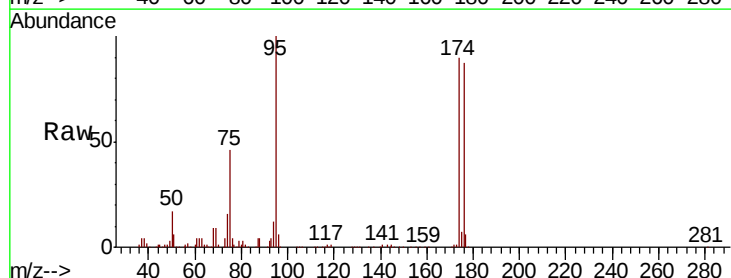
Tgt Ion: 75 Resp: 175927

Ion Ratio Lower Upper

75 100

53 0.2 72.2 108.2#

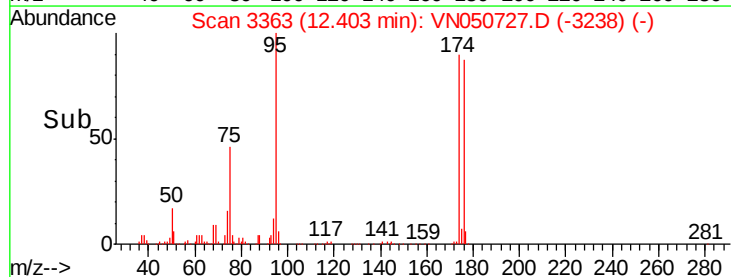
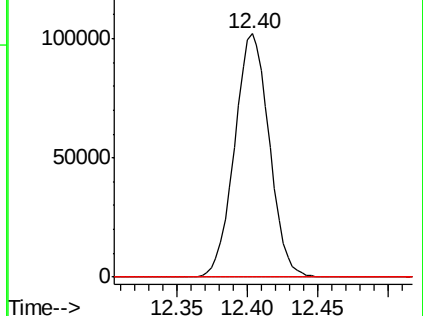
89 0.0 36.3 54.5#

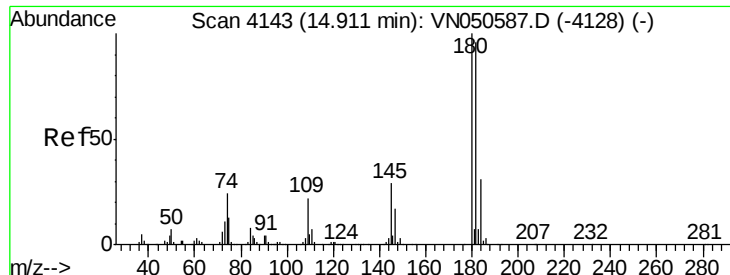


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

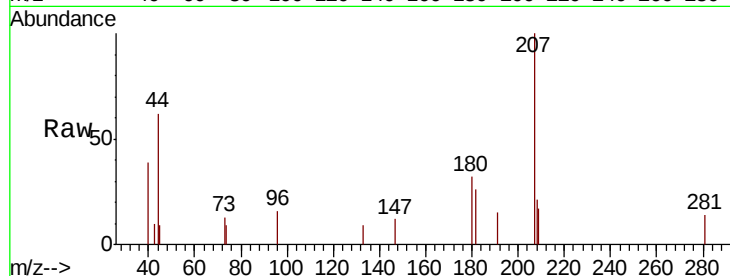




#93
 1,2,4-Trichlorobenzene
 Concen: 2.81 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN050727.D
 Acq: 17 Aug 2018 13:58

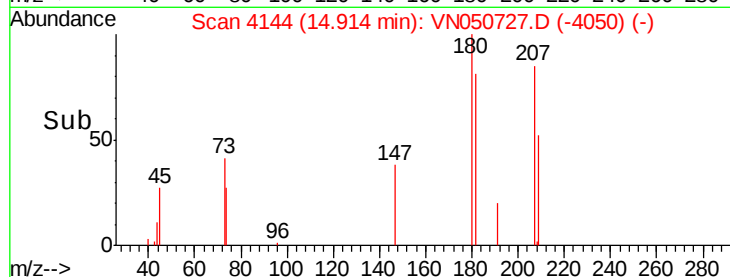
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.1	47.9	143.7
145	0.0	14.4	43.4#

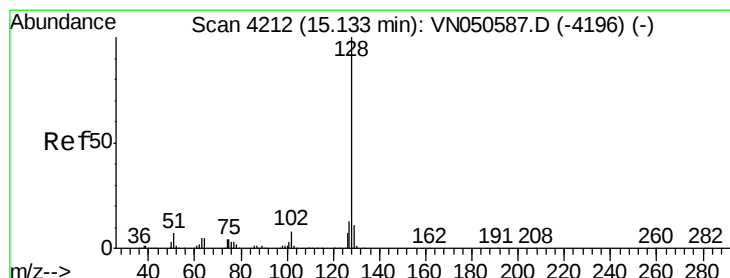


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

14.91

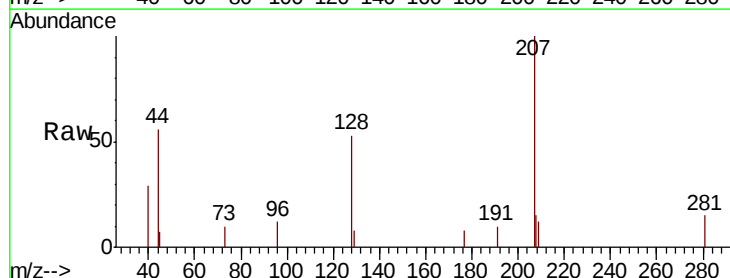


Time--> 14.88 14.90 14.92 14.94



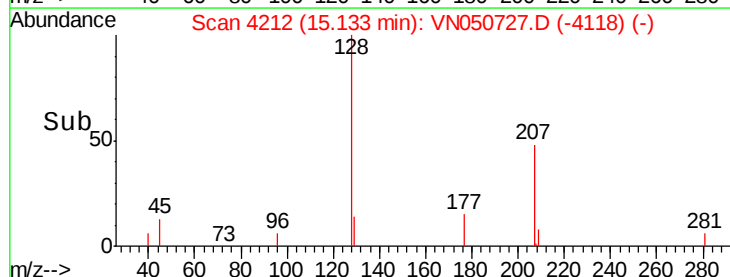
#95
 Naphthalene
 Concen: 4.00 ug/l
 RT: 15.13 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN050727.D
 Acq: 17 Aug 2018 13:58

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	5.3	8.5	12.7#

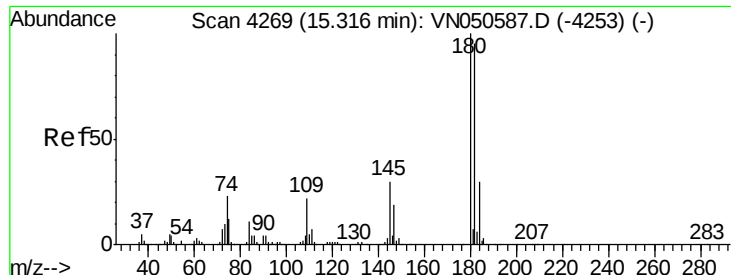


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

15.13



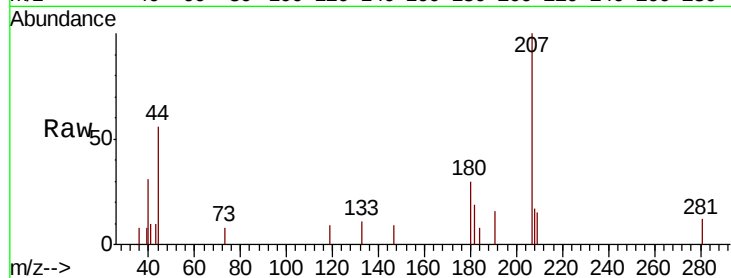
Time--> 15.10 15.15



#96
 1,2,3-Trichlorobenzene
 Concen: 2.04 ug/l
 RT: 15.32 min Scan# 4271
 Delta R.T. 0.01 min
 Lab File: VN050727.D
 Acq: 17 Aug 2018 13:58

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.3	141.8#
145	15.9	14.6	44.0



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

