

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072718\
 Data File : VN050170.D
 Acq On : 28 Jul 2018 8:46
 Operator : MD\SY
 Sample : J4189-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-12-D

Quant Time: Jul 30 01:56:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	642589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1059726	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	905001	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	377441	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	446305	49.78	ug/l	0.00
Spiked Amount			Recovery	=	99.56%	
35) Dibromofluoromethane	7.59	113	402595	46.53	ug/l	0.00
Spiked Amount			Recovery	=	93.06%	
50) Toluene-d8	10.09	98	1446078	45.46	ug/l	0.00
Spiked Amount			Recovery	=	90.92%	
62) 4-Bromofluorobenzene	12.40	95	422201	40.31	ug/l	0.00
Spiked Amount			Recovery	=	80.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.54	94	62	Below Cal	#	3
11) Tert butyl alcohol	4.79	59	980	1.49	ug/l #	72
16) Acetone	3.82	43	94317	41.03	ug/l	99
17) Carbon Disulfide	4.05	76	5082	0.22	ug/l	99
18) Methyl Acetate	4.33	43	21382	1.01	ug/l	100
20) Methylene Chloride	4.55	84	159248	19.26	ug/l	98
25) 2-Butanone	6.85	43	3976	1.16	ug/l	95
29) Tetrahydrofuran	7.22	42	737	0.33	ug/l #	62
30) Chloroform	7.37	83	10337	0.68	ug/l	96
31) Cyclohexane	7.67	56	12308	0.93	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	46139	3.86	ug/l #	48
38) Carbon Tetrachloride	7.67	117	58276	4.60	ug/l #	16
41) Methacrylonitrile	7.20	41	132	2.78	ug/l #	33
43) Isopropyl Acetate	8.17	43	336360	20.78	ug/l #	91
47) Bromodichloromethane	9.40	83	2654	0.21	ug/l #	79
48) Methyl methacrylate	9.18	41	8248	1.15	ug/l #	23
56) Ethyl methacrylate	10.23	69	3113	2.29	ug/l #	77
59) 2-Hexanone	10.77	43	21023	8.60	ug/l #	57
67) Ethyl Benzene	11.51	91	17022	0.46	ug/l	100
68) m/p-Xylenes	11.62	106	5486	0.39	ug/l	99
69) o-Xylene	11.95	106	4935	0.37	ug/l	99
70) Styrene	11.97	104	1362	0.98	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	12.40	83	552	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	205743	29.33	ug/l #	100
78) n-propylbenzene	12.59	91	6614	0.20	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	8002	0.35	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	205743	93.03	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.04	105	22266	0.96	ug/l	96
90) Hexachloroethane	13.89	117	3976	0.79	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.91	180	1321	3.26	ug/l #	82
95) Naphthalene	15.14	128	13743890	731.34	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	204	2.23	ug/l #	1

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Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration

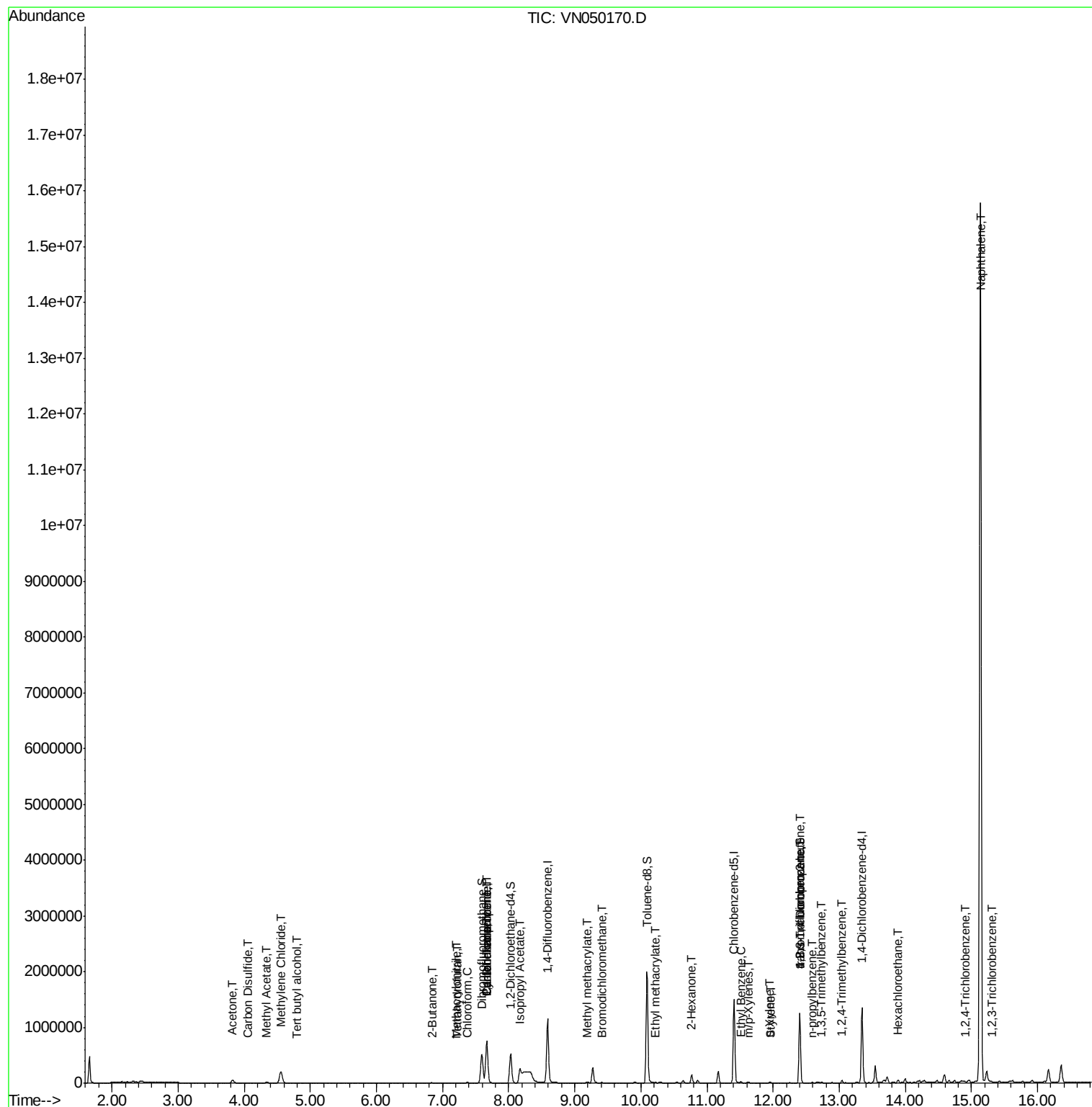
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

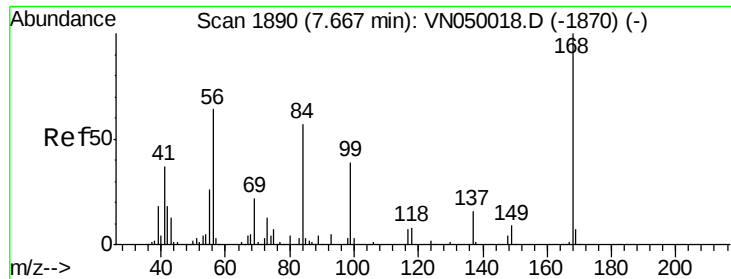
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050170.D

Acq: 28 Jul 2018 8:46

Instrument :

MSVOA_N

ClientSampleId :

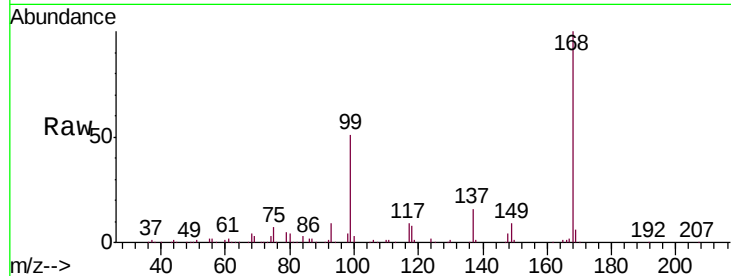
TP-12-D

Tot Ion:168 Resp: 642589

Ion Ratio Lower Upper

168 100

99 51.4 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

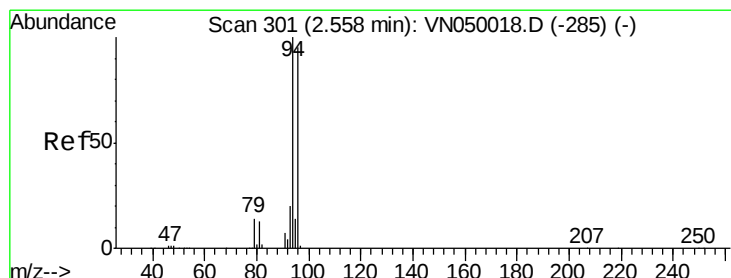
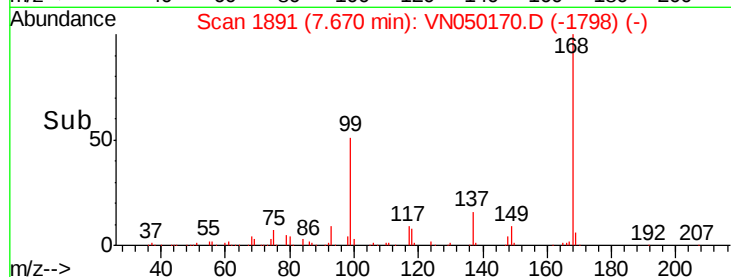
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.54 min Scan# 295

Delta R.T. -0.01 min

Lab File: VN050170.D

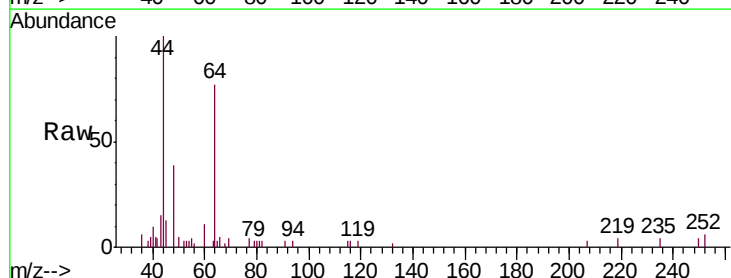
Acq: 28 Jul 2018 8:46

Tgt Ion: 94 Resp: 62

Ion Ratio Lower Upper

94 100

96 0.0 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.54

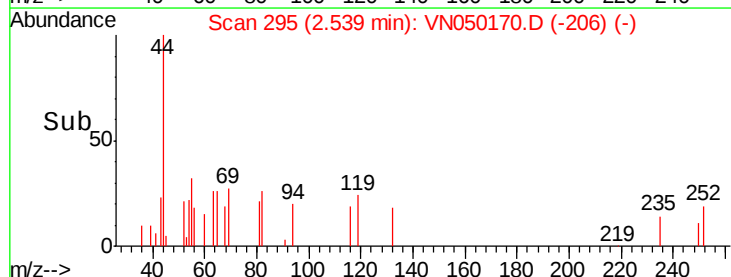
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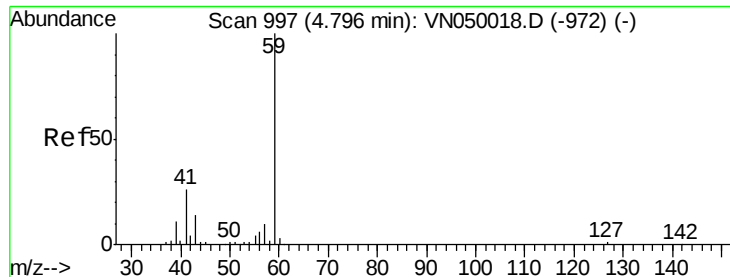
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100

0

Time-->

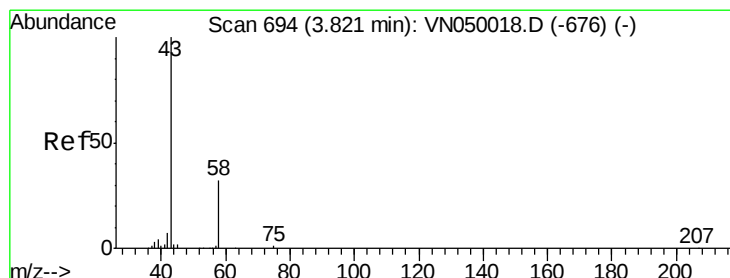
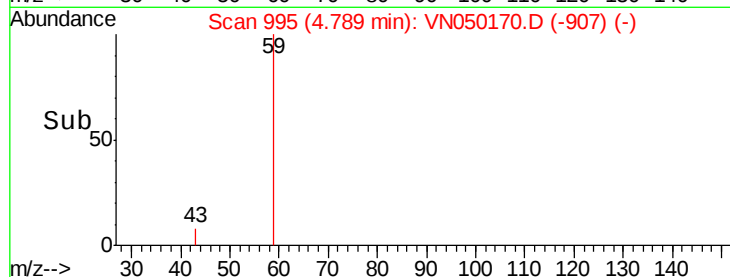
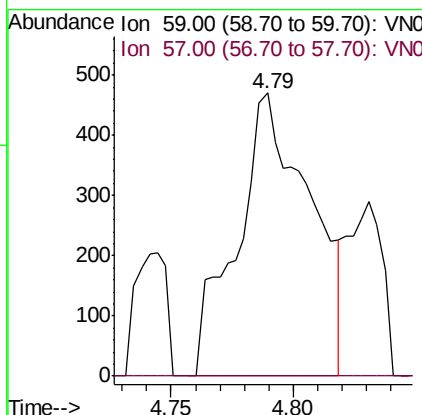
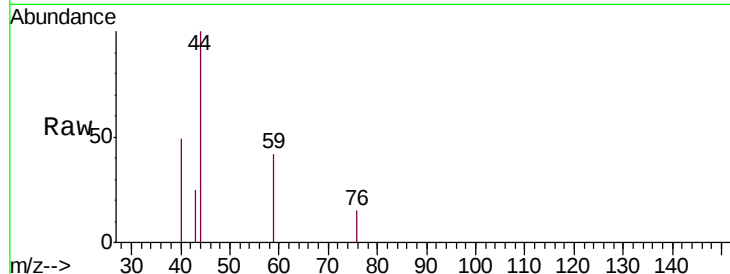




#11
Tert butyl alcohol
Concen: 1.49 ug/l
RT: 4.79 min Scan# 995
Delta R.T. -0.02 min
Lab File: VN050170.D
Acq: 28 Jul 2018 8:46

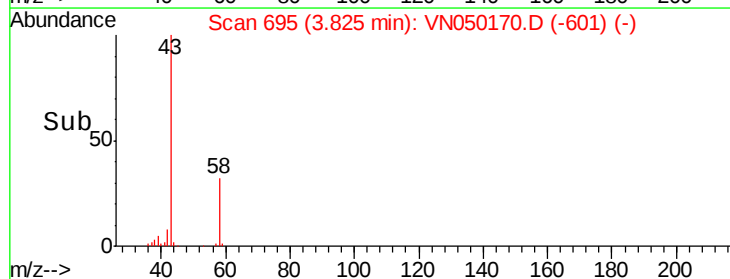
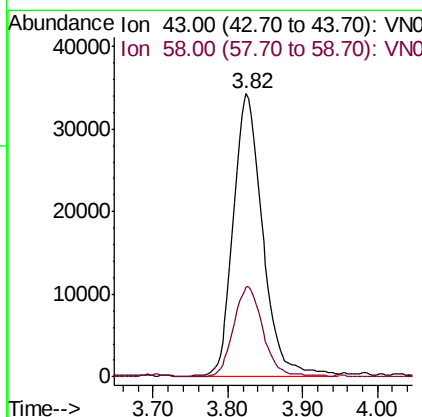
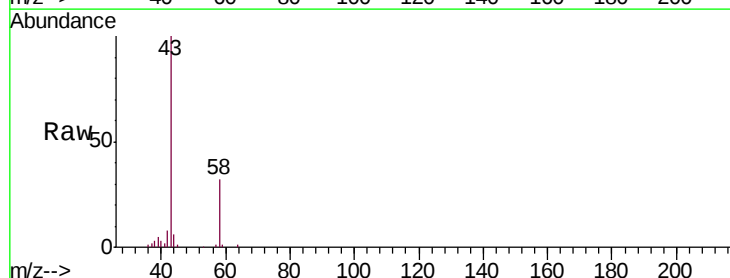
Instrument :
MSVOA_N
ClientSampled :
TP-12-D

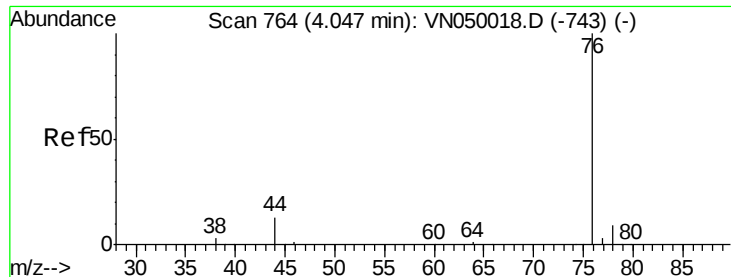
Tot Ion: 59 Resp: 980
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#16
Acetone
Concen: 41.03 ug/l
RT: 3.82 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN050170.D
Acq: 28 Jul 2018 8:46

Tgt Ion: 43 Resp: 94317
Ion Ratio Lower Upper
43 100
58 31.8 25.8 38.8

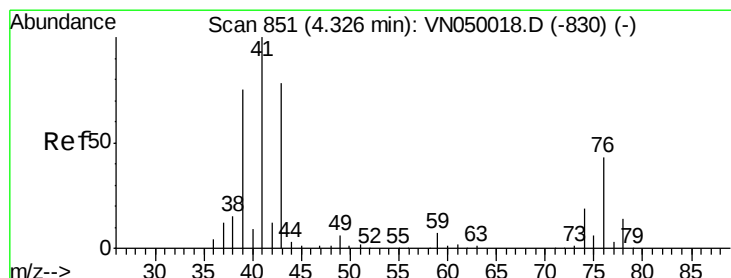
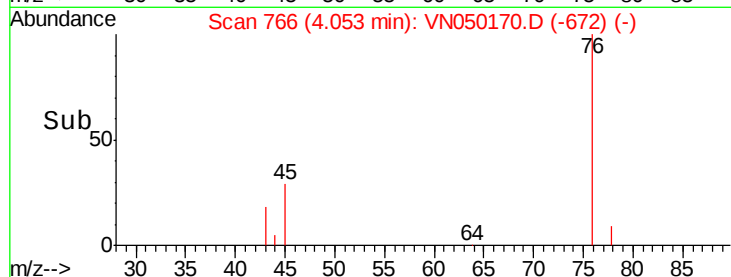
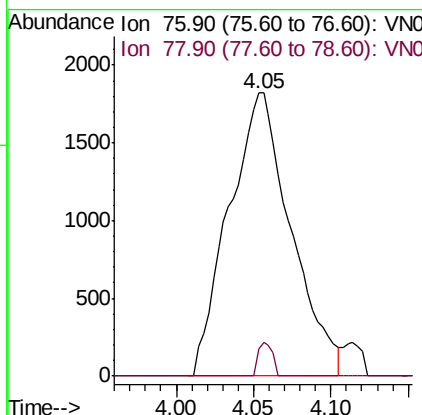
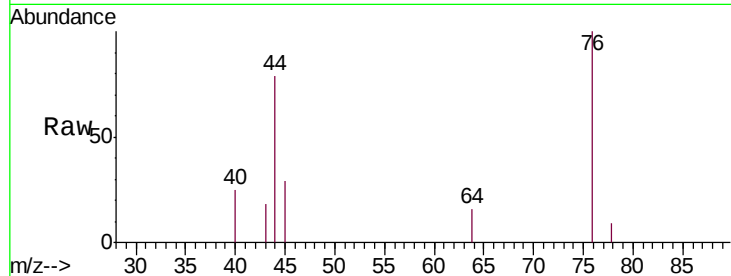




#17
Carbon Disulfide
Concen: 0.22 ug/l
RT: 4.05 min Scan# 766
Delta R.T. 0.00 min
Lab File: VN050170.D
Acq: 28 Jul 2018 8:46

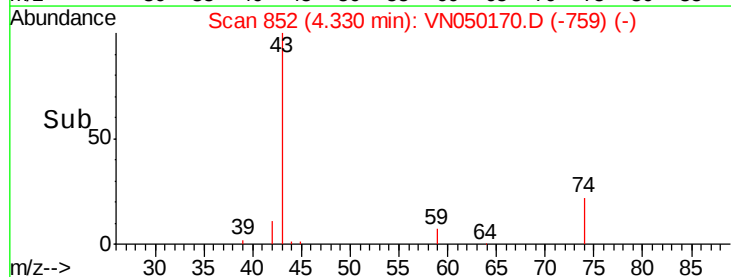
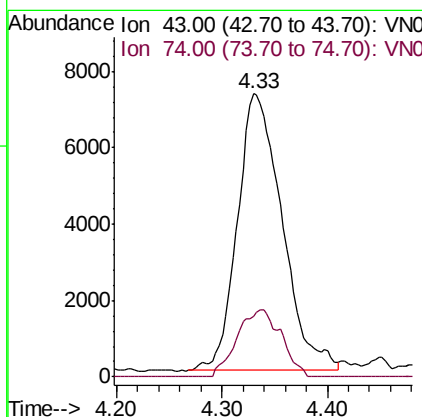
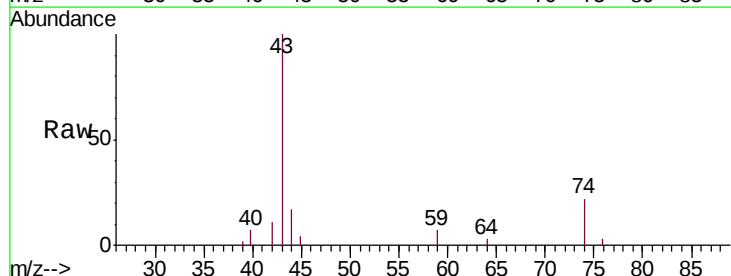
Instrument :
MSVOA_N
ClientSampled :
TP-12-D

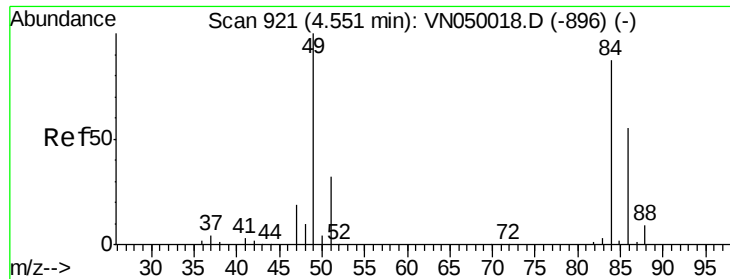
Tot Ion: 76 Resp: 5082
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 1.01 ug/l
RT: 4.33 min Scan# 852
Delta R.T. -0.00 min
Lab File: VN050170.D
Acq: 28 Jul 2018 8:46

Tgt Ion: 43 Resp: 21382
Ion Ratio Lower Upper
43 100
74 23.9 19.2 28.8

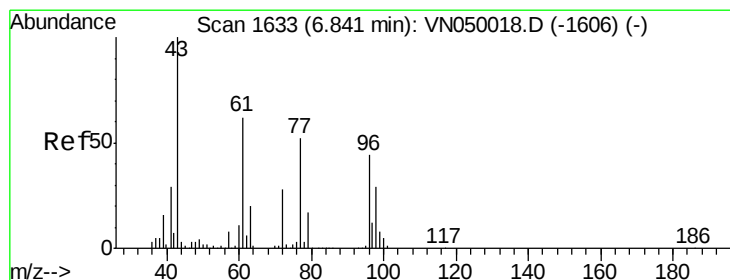
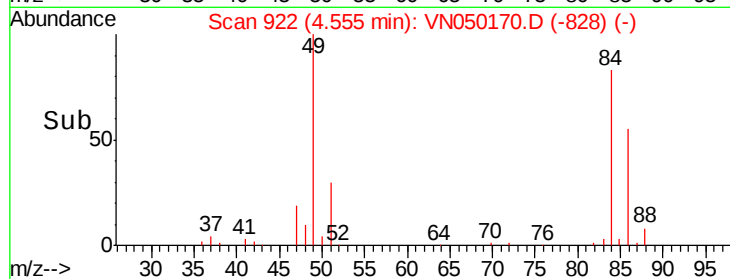
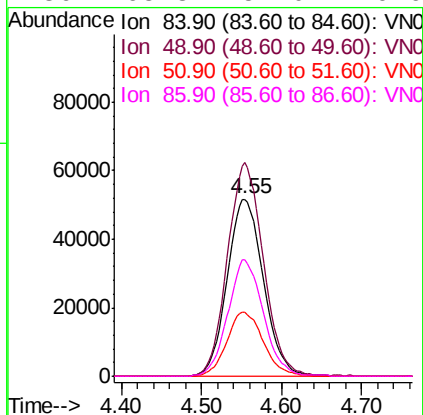
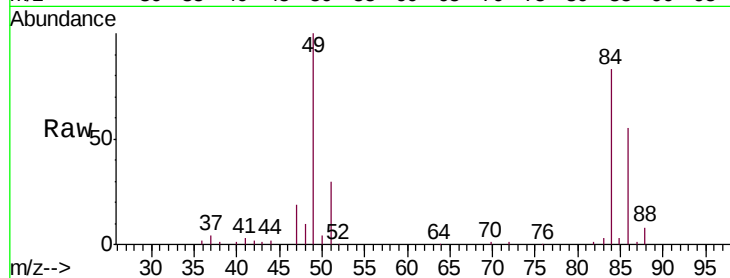




#20
Methvlene Chloride
Concen: 19.26 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050170.D
Acq: 28 Jul 2018 8:46

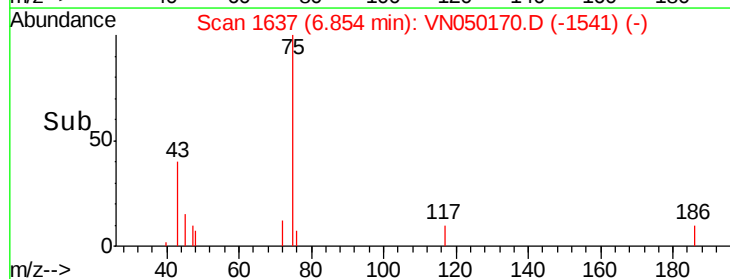
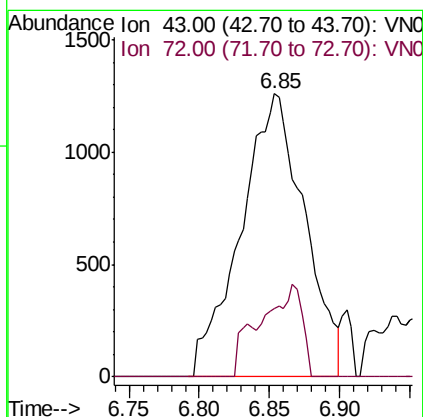
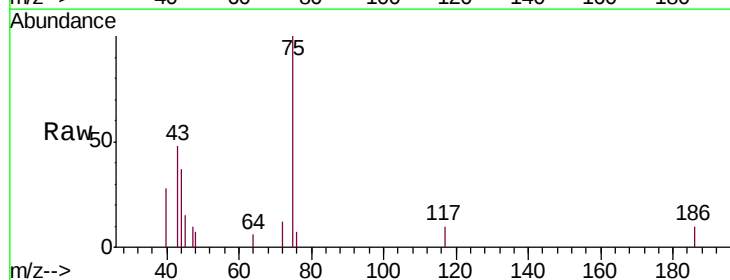
Instrument :
MSVOA_N
ClientSampled :
TP-12-D

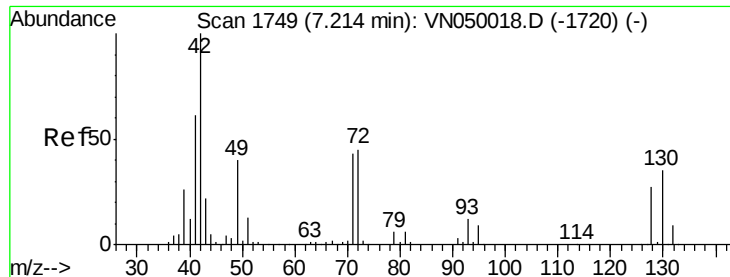
Tot Ion:	84	Resp:	159248
Ion	Ratio	Lower	Upper
84	100		
49	120.6	94.8	142.2
51	36.2	28.3	42.5
86	65.8	51.0	76.6



#25
2-Butanone
Concen: 1.16 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VN050170.D
Acq: 28 Jul 2018 8:46

Tgt Ion:	43	Resp:	3976
Ion	Ratio	Lower	Upper
43	100		
72	24.3	21.5	32.3





#29

Tetrahydrofuran

Concen: 0.33 ug/l

RT: 7.22 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VN050170.D

Acq: 28 Jul 2018 8:46

Instrument :

MSVOA_N

ClientSampled :

TP-12-D

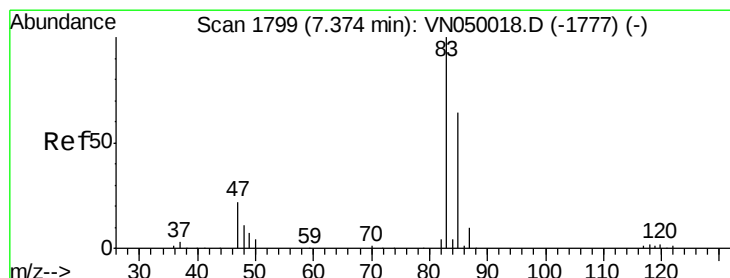
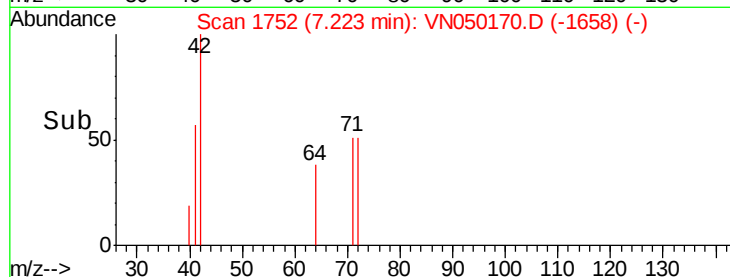
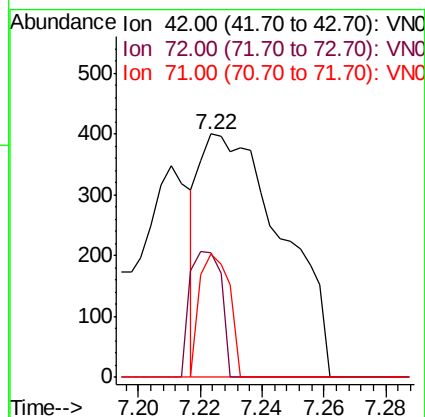
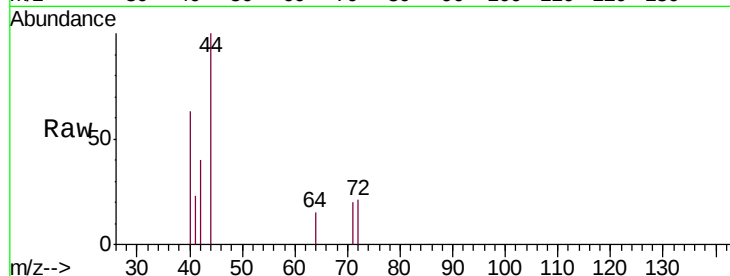
Tot Ion: 42 Resp: 737

Ion Ratio Lower Upper

42 100

72 19.8 35.9 53.9#

71 18.6 33.7 50.5#



#30

Chloroform

Concen: 0.68 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN050170.D

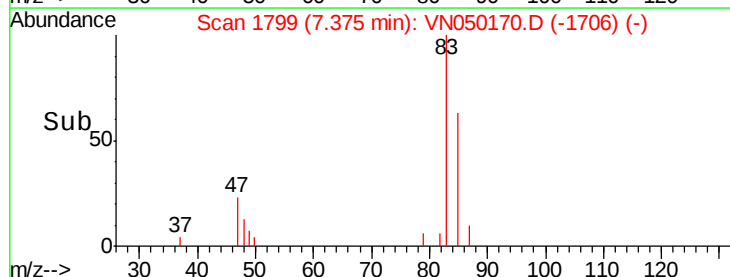
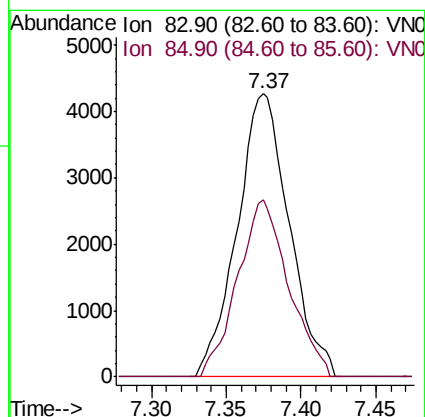
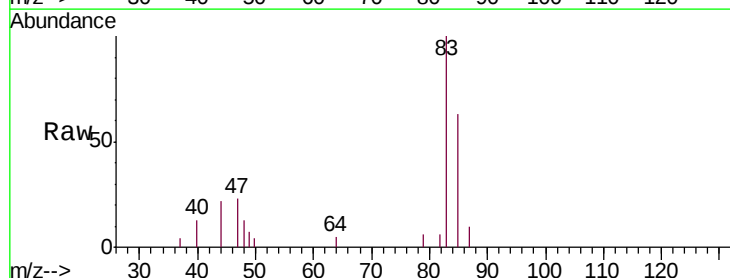
Acq: 28 Jul 2018 8:46

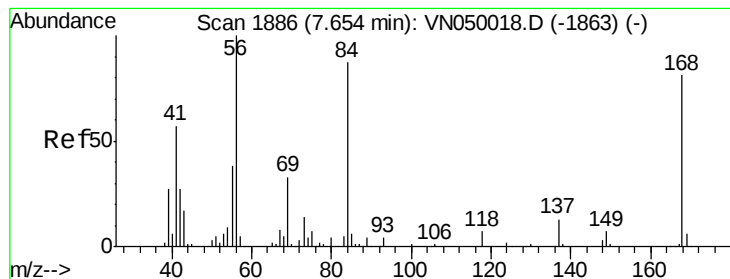
Tgt Ion: 83 Resp: 10337

Ion Ratio Lower Upper

83 100

85 62.7 52.5 78.7





#31

Cyclohexane

Concen: 0.93 ug/l

RT: 7.67 min Scan# 1892

Delta R.T. 0.02 min

Lab File: VN050170.D

Acq: 28 Jul 2018 8:46

Instrument :

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ClientSampleID :

TP-12-D

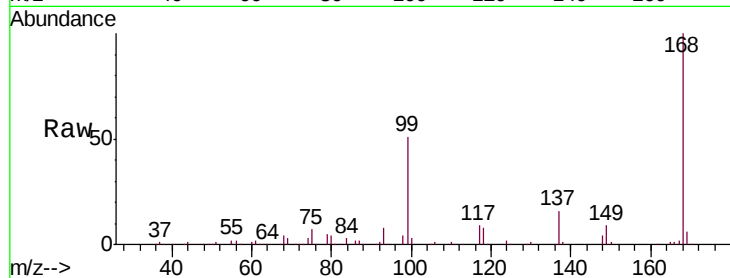
Tot Ion: 56 Resp: 12308

Ion Ratio Lower Upper

56 100

69 185.6 26.2 39.4#

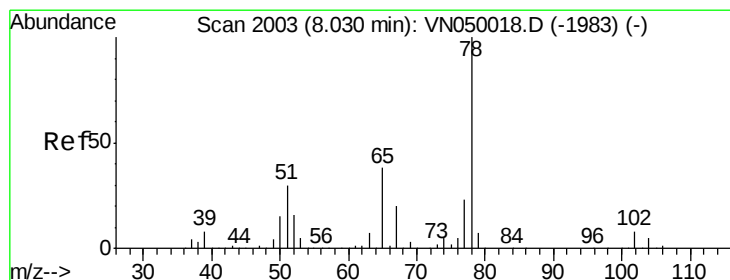
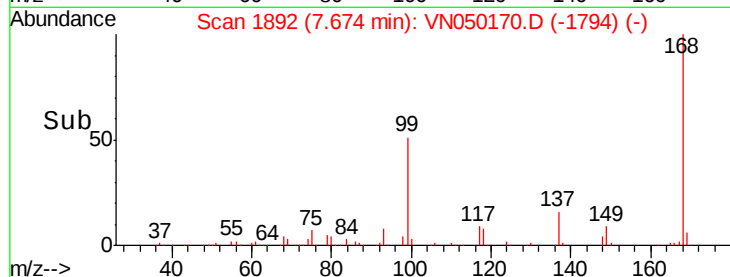
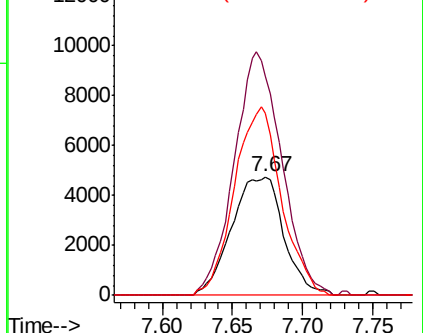
84 154.0 67.4 101.0#



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: 49.78 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050170.D

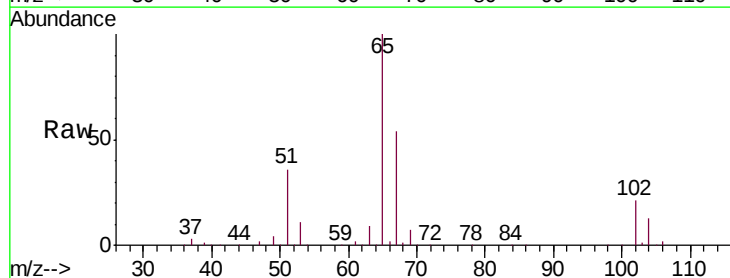
Acq: 28 Jul 2018 8:46

Tgt Ion: 65 Resp: 446305

Ion Ratio Lower Upper

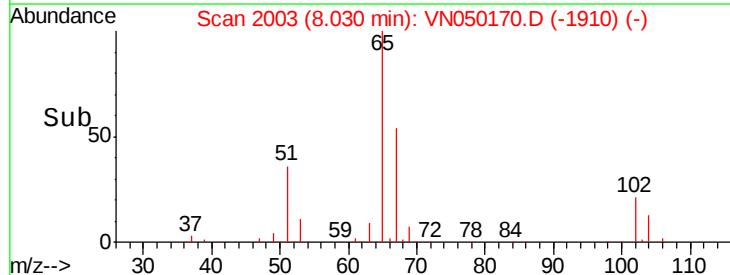
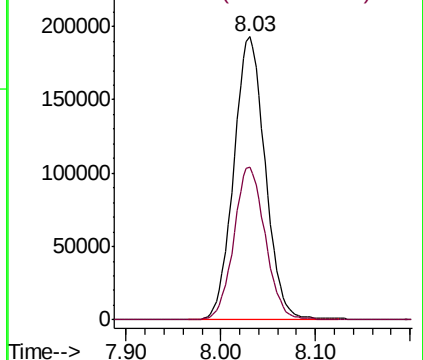
65 100

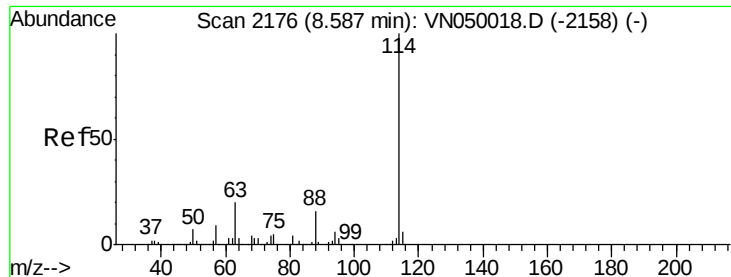
67 54.1 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

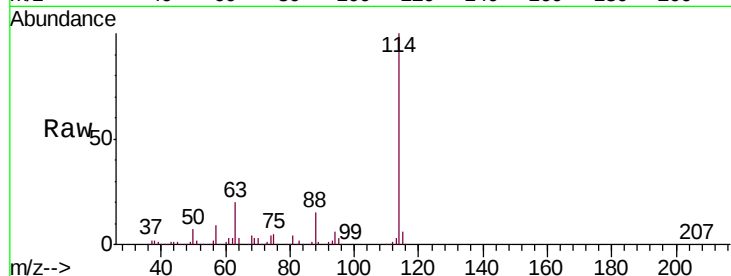




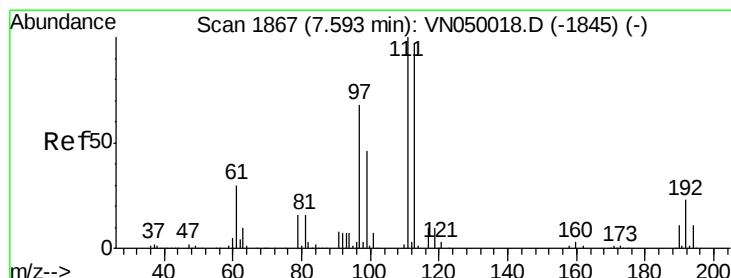
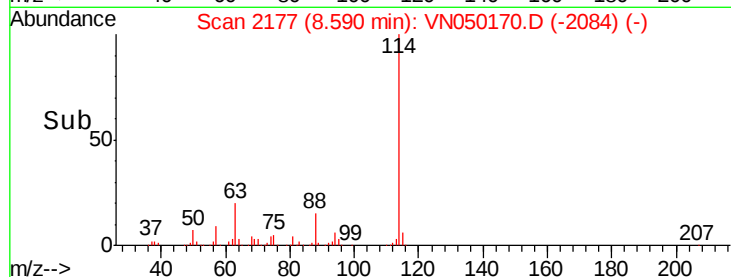
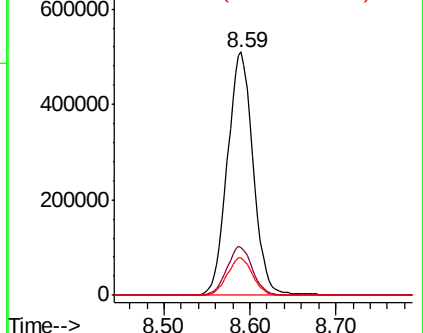
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050170.D
 Acq: 28 Jul 2018 8:46

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-12-D

Tot Ion:114 Resp: 1059726
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 15.5 0.0 31.2

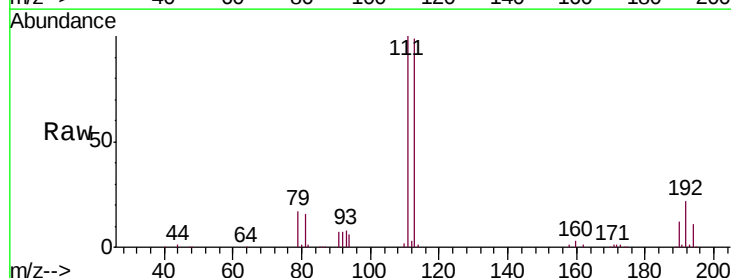


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

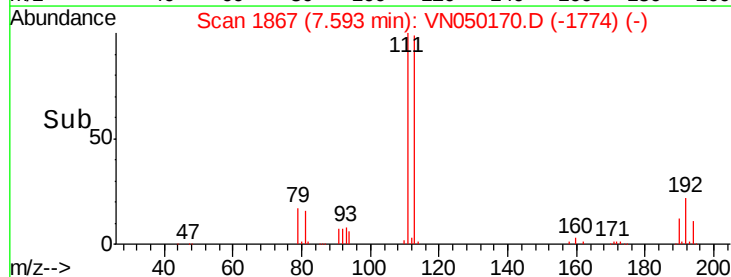
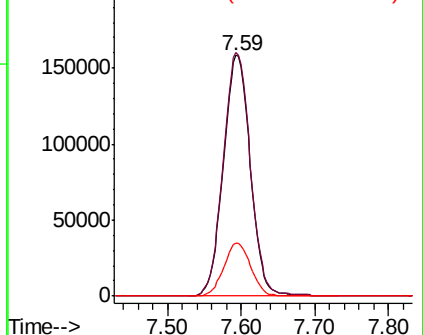


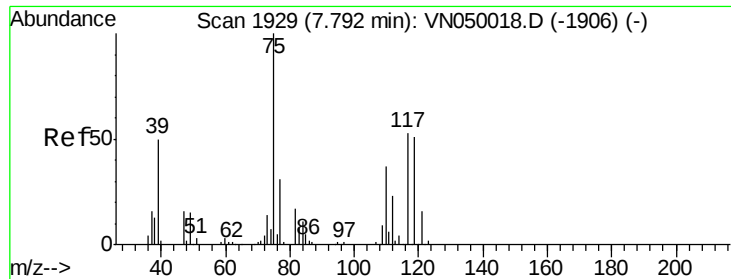
#35
 Dibromofluoromethane
 Concen: 46.53 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050170.D
 Acq: 28 Jul 2018 8:46

Tgt Ion:113 Resp: 402595
 Ion Ratio Lower Upper
 113 100
 111 101.9 80.7 121.1
 192 22.1 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

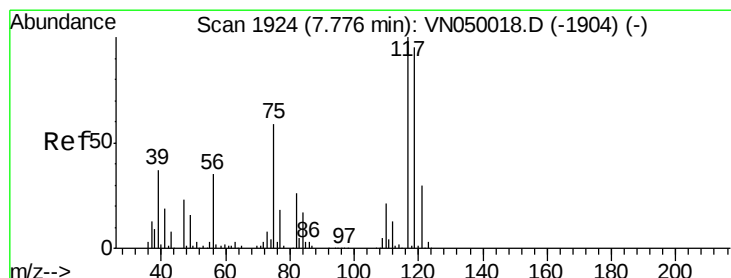
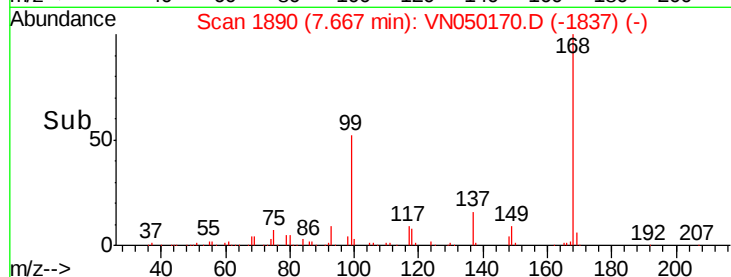
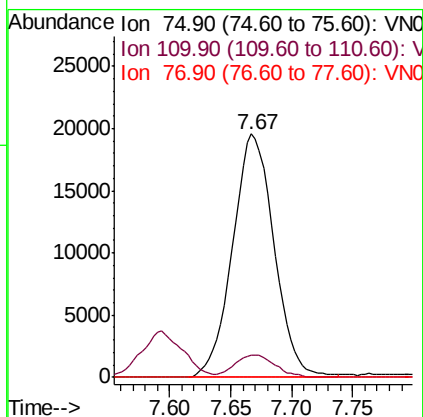
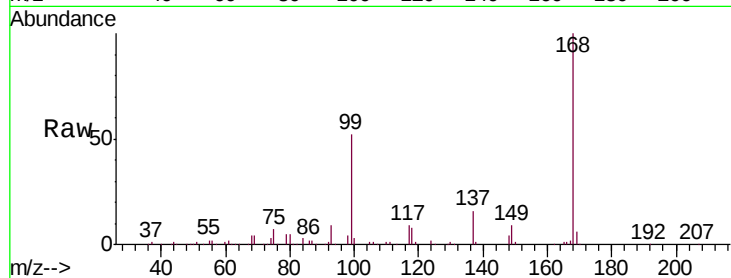




#36
 1,1-Dichloropropene
 Concen: 3.86 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050170.D
 Acq: 28 Jul 2018 8:46

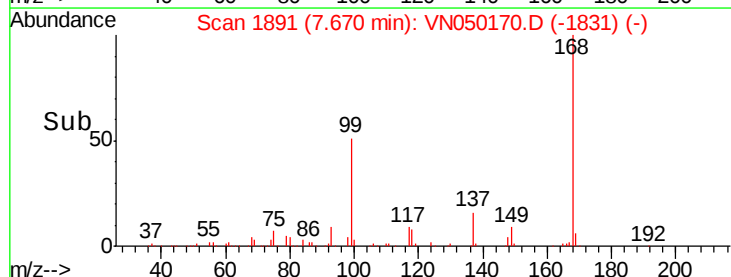
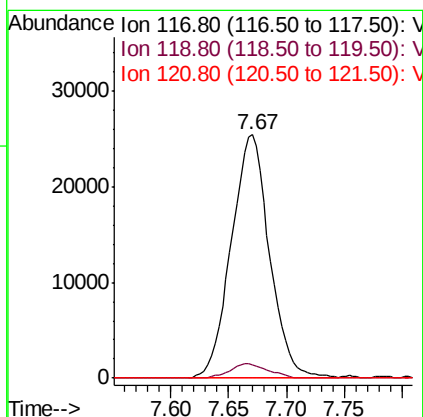
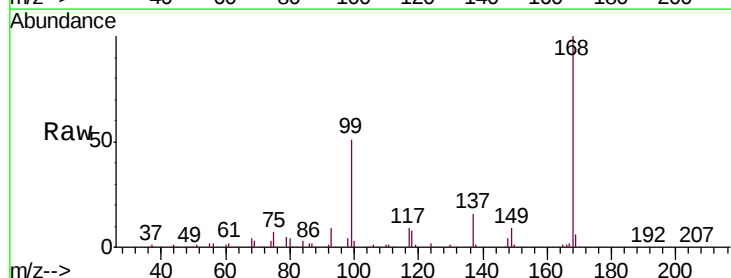
Instrument :
 MSVOA_N
 ClientSampled :
 TP-12-D

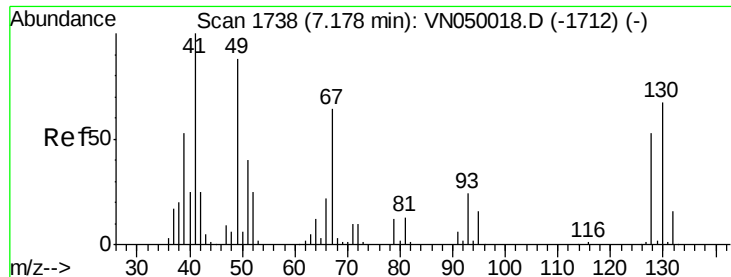
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.4	55.2#
77	0.0	25.3	37.9#



#38
 Carbon Tetrachloride
 Concen: 4.60 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.11 min
 Lab File: VN050170.D
 Acq: 28 Jul 2018 8:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.6	77.4	116.0#
121	0.0	23.9	35.9#

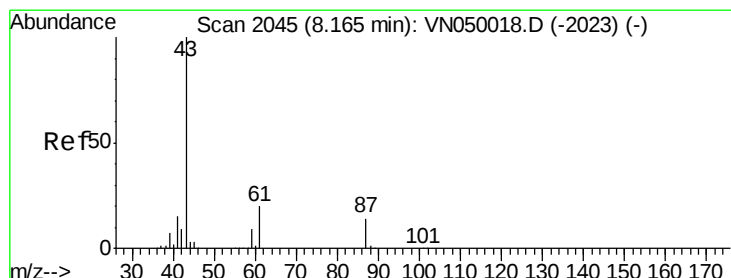
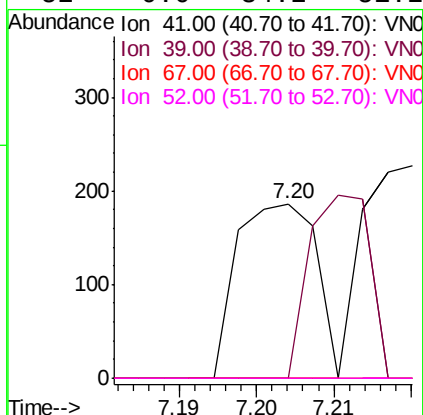
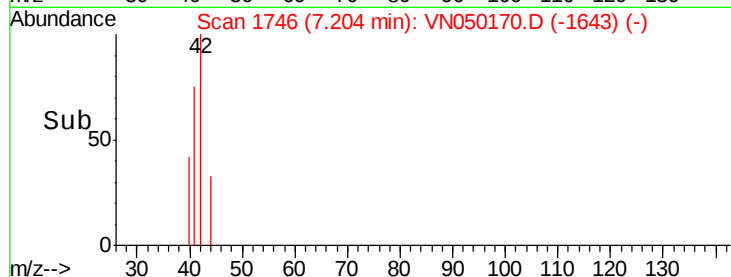
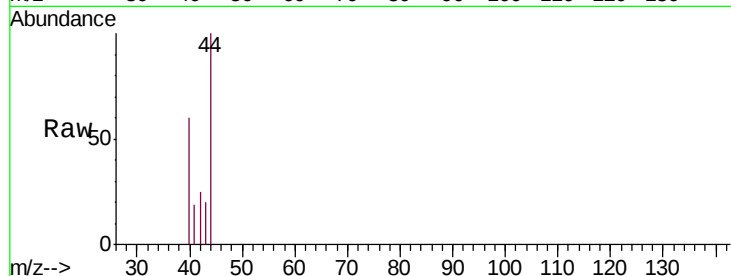




#41
Methacrylonitrile
Concen: 2.78 ug/l
RT: 7.20 min Scan# 1746
Delta R.T. 0.03 min
Lab File: VN050170.D
Acq: 28 Jul 2018 8:46

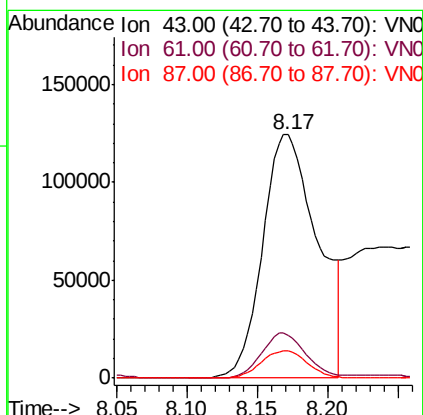
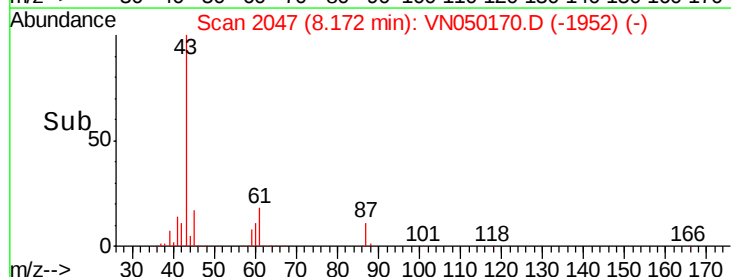
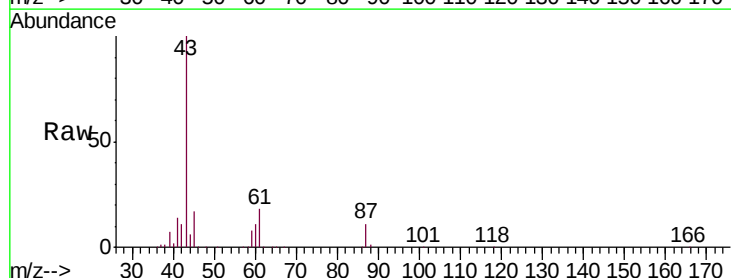
Instrument :
MSVOA_N
ClientSampled :
TP-12-D

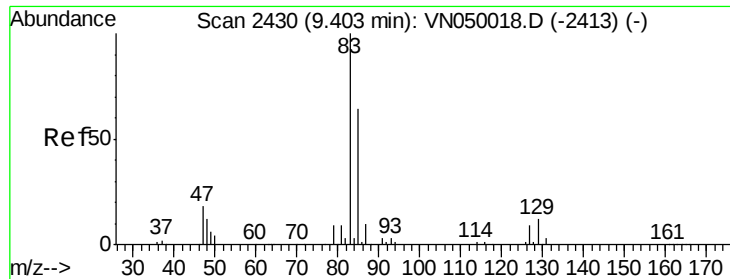
Tot Ion: 41 Resp: 132
Ion Ratio Lower Upper
41 100
39 80.3 55.8 83.6
67 0.0 84.3 126.5#
52 0.0 34.2 51.2#



#43
Isopropyl Acetate
Concen: 20.78 ug/l
RT: 8.17 min Scan# 2047
Delta R.T. 0.00 min
Lab File: VN050170.D
Acq: 28 Jul 2018 8:46

Tgt Ion: 43 Resp: 336360
Ion Ratio Lower Upper
43 100
61 15.4 15.8 23.6#
87 9.7 10.3 15.5#





#47

Bromodichloromethane

Concen: 0.21 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN050170.D

Acq: 28 Jul 2018 8:46

Instrument :

MSVOA_N

ClientSampleId :

TP-12-D

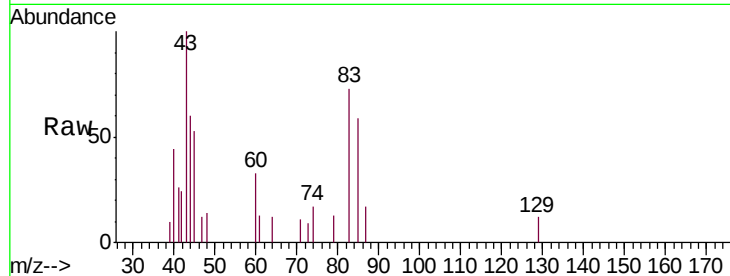
Tot Ion: 83 Resp: 2654

Ion Ratio Lower Upper

83 100

85 80.2 51.1 76.7#

127 0.0 7.0 10.4#

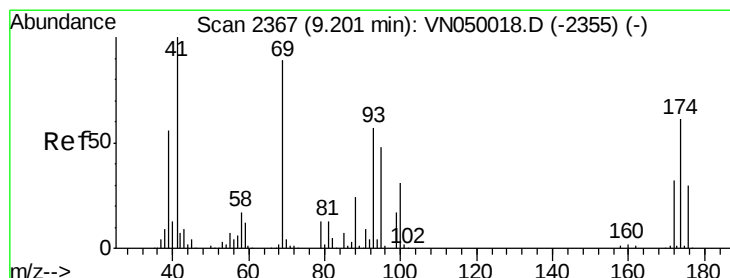
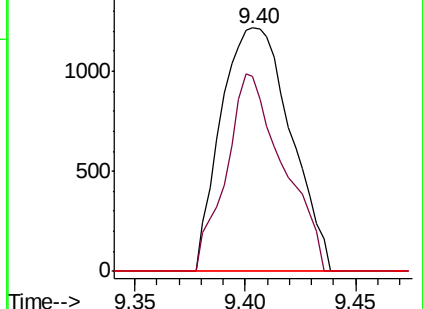
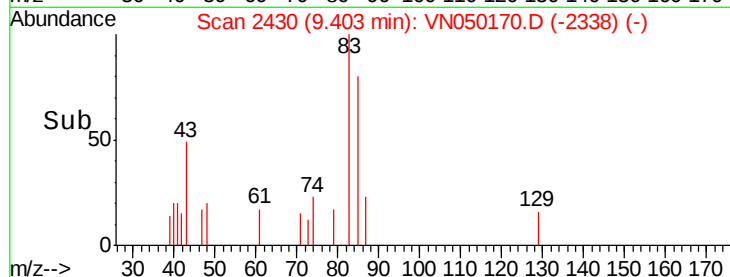


Abundance Ion 82.90 (82.60 to 83.60): VN050170.D (-2338) (-)

Ion 84.90 (84.60 to 85.60): VN050170.D (-2338) (-)

Ion 126.80 (126.50 to 127.50): VN050170.D (-2338) (-)

Time-->



#48

Methyl methacrylate

Concen: 1.15 ug/l

RT: 9.18 min Scan# 2362

Delta R.T. -0.02 min

Lab File: VN050170.D

Acq: 28 Jul 2018 8:46

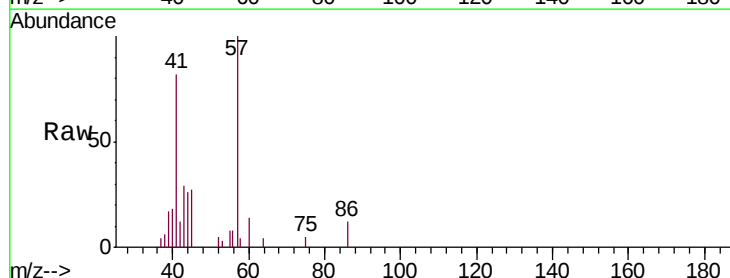
Tgt Ion: 41 Resp: 8248

Ion Ratio Lower Upper

41 100

69 0.0 70.6 105.8#

39 19.8 43.9 65.9#

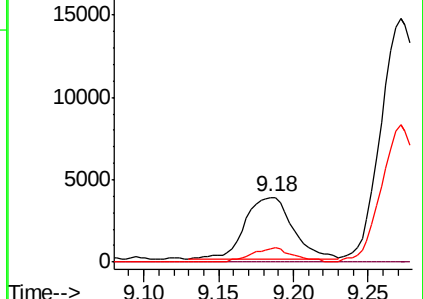
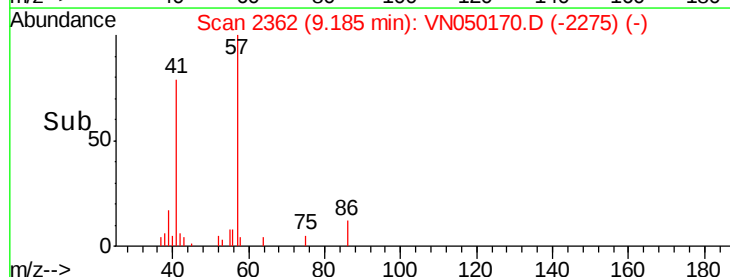


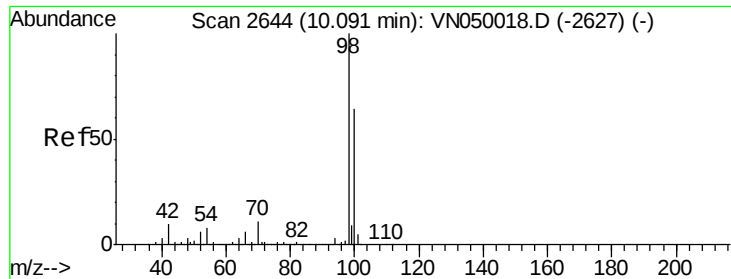
Abundance Ion 41.00 (40.70 to 41.70): VN050170.D (-2275) (-)

Ion 69.00 (68.70 to 69.70): VN050170.D (-2275) (-)

Ion 39.00 (38.70 to 39.70): VN050170.D (-2275) (-)

Time-->





#50

Toluene-d8

Concen: 45.46 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050170.D

Acq: 28 Jul 2018 8:46

Instrument :

MSVOA_N

ClientSampleId :

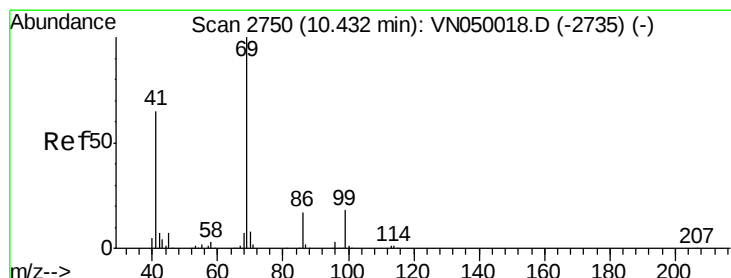
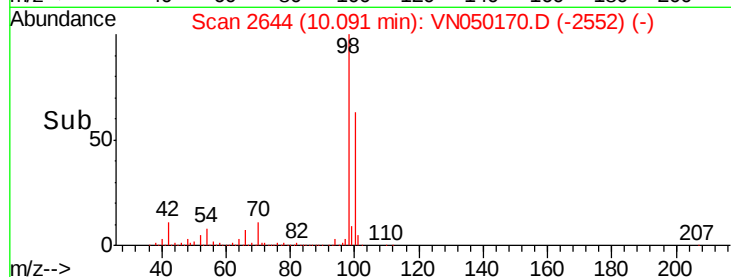
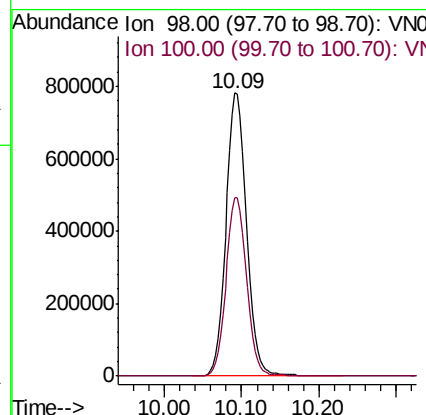
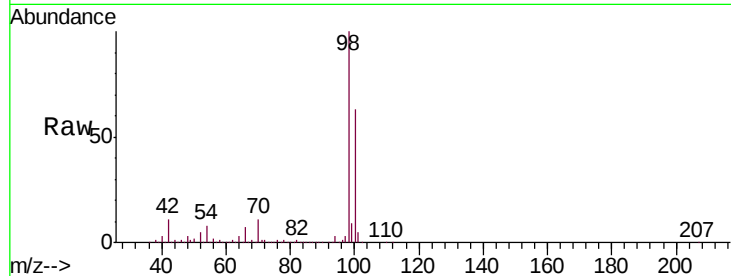
TP-12-D

Tot Ion: 98 Resp: 1446078

Ion Ratio Lower Upper

98 100

100 63.5 50.7 76.1



#56

Ethyl methacrylate

Concen: 2.29 ug/l

RT: 10.23 min Scan# 2688

Delta R.T. -0.20 min

Lab File: VN050170.D

Acq: 28 Jul 2018 8:46

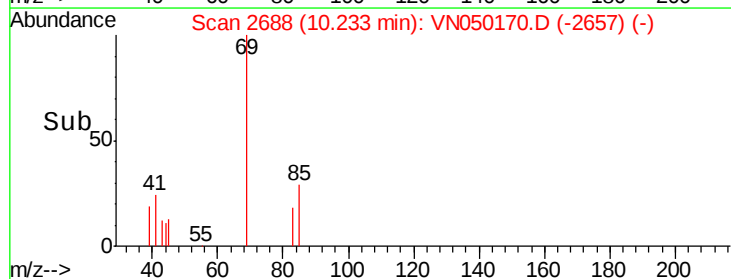
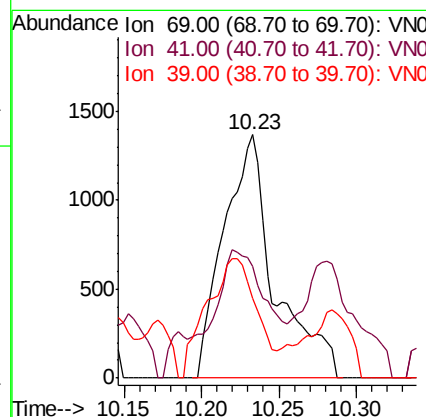
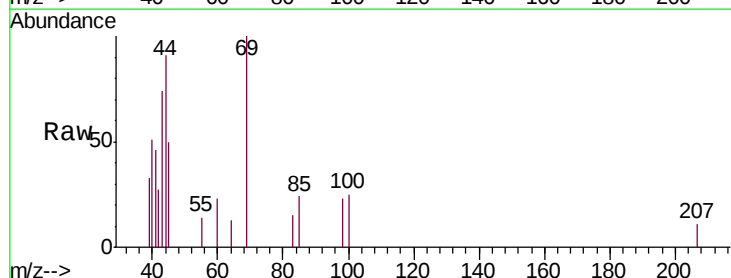
Tgt Ion: 69 Resp: 3113

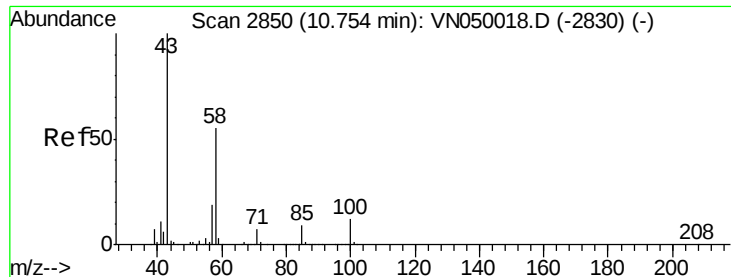
Ion Ratio Lower Upper

69 100

41 47.1 51.0 76.4#

39 48.5 26.6 40.0#





#59

2-Hexanone

Concen: 8.60 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050170.D

Acq: 28 Jul 2018 8:46

Instrument :

MSVOA_N

ClientSampled :

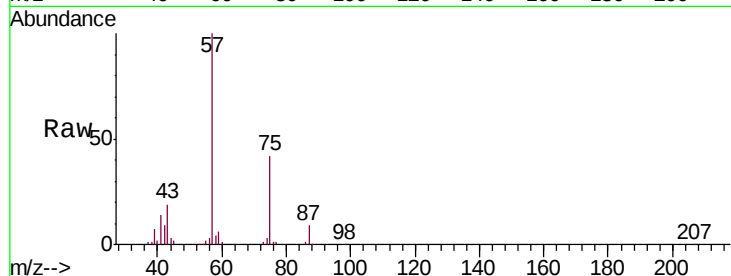
TP-12-D

Tot Ion: 43 Resp: 21023

Ion Ratio Lower Upper

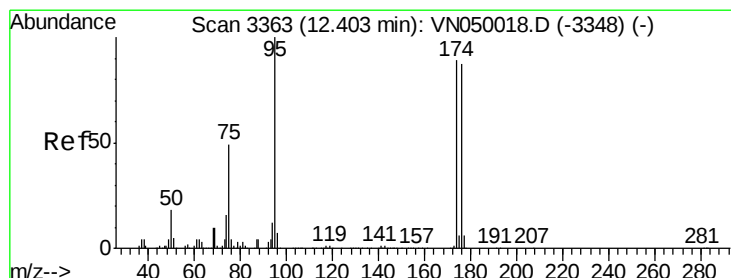
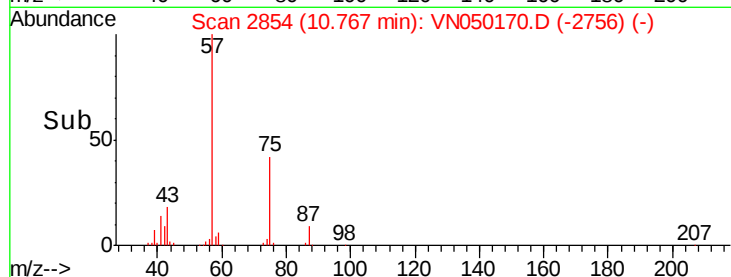
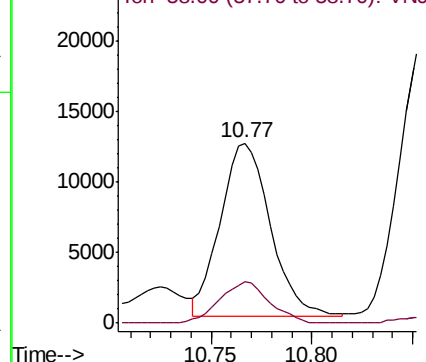
43 100

58 24.0 27.6 82.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#62

4-Bromofluorobenzene

Concen: 40.31 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050170.D

Acq: 28 Jul 2018 8:46

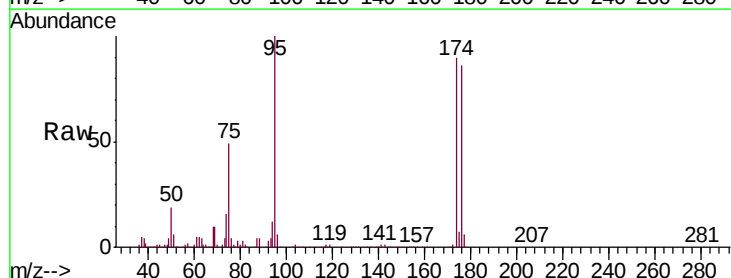
Tgt Ion: 95 Resp: 422201

Ion Ratio Lower Upper

95 100

174 89.5 0.0 178.2

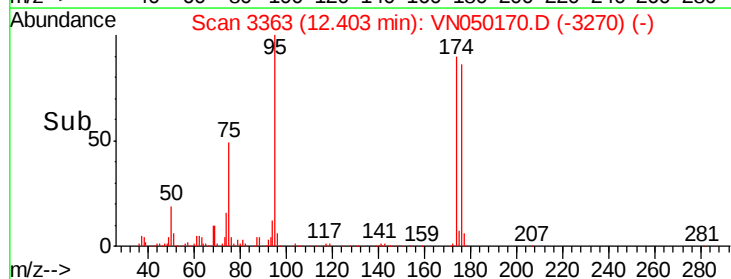
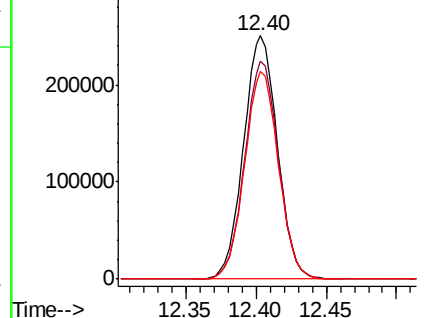
176 85.4 0.0 173.4

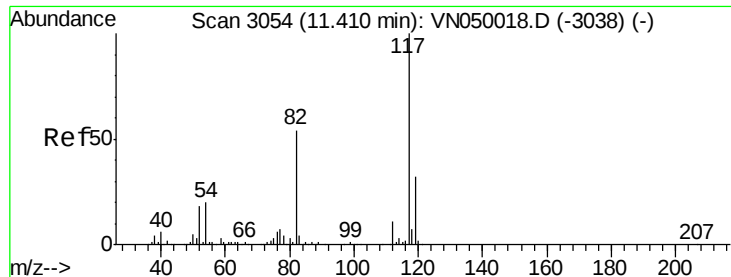


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

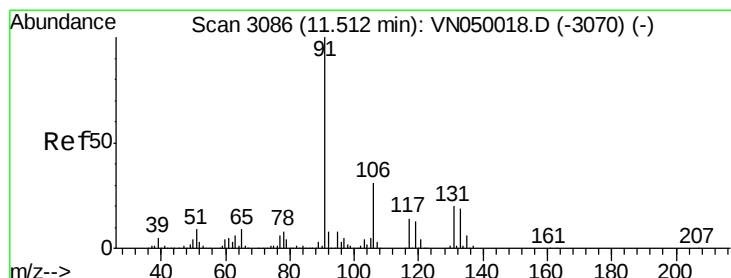
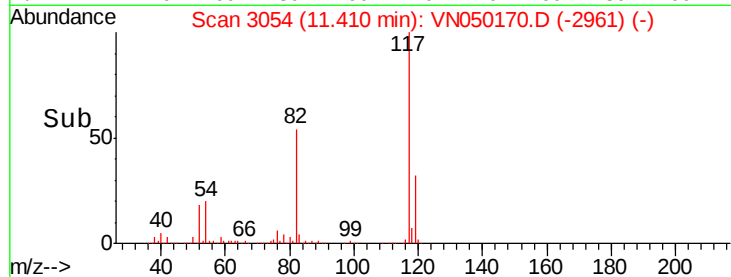
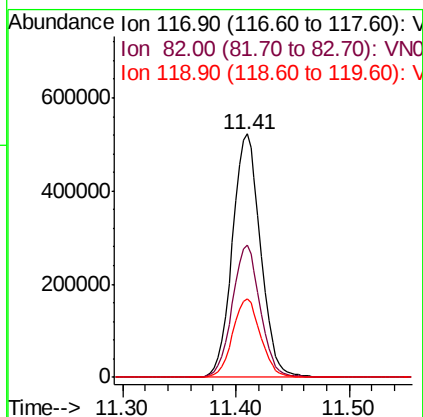
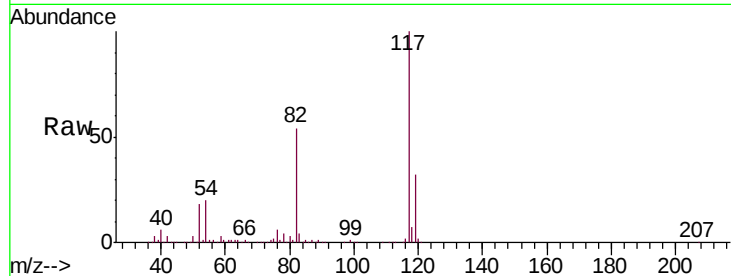




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050170.D
Acq: 28 Jul 2018 8:46

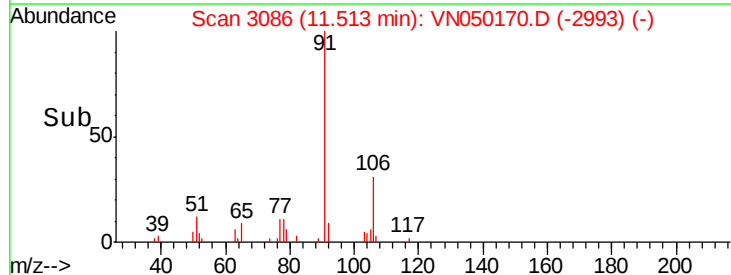
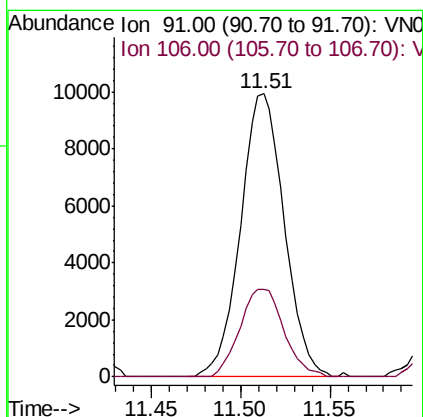
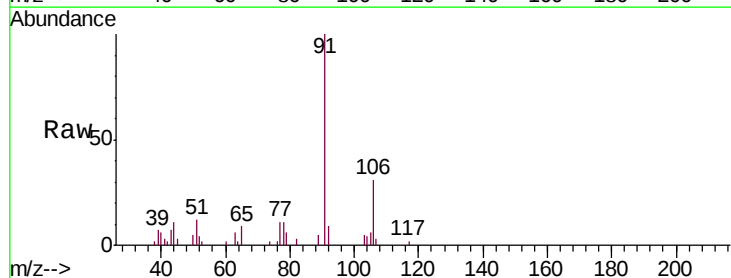
Instrument :
MSVOA_N
ClientSampled :
TP-12-D

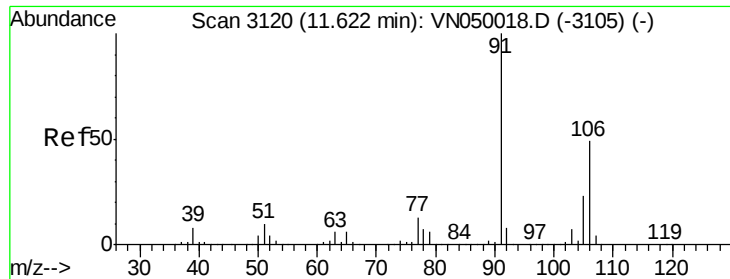
Tot Ion:117 Resp: 905001
Ion Ratio Lower Upper
117 100
82 54.1 43.7 65.5
119 32.4 26.1 39.1



#67
Ethyl Benzene
Concen: 0.46 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050170.D
Acq: 28 Jul 2018 8:46

Tgt Ion: 91 Resp: 17022
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.4

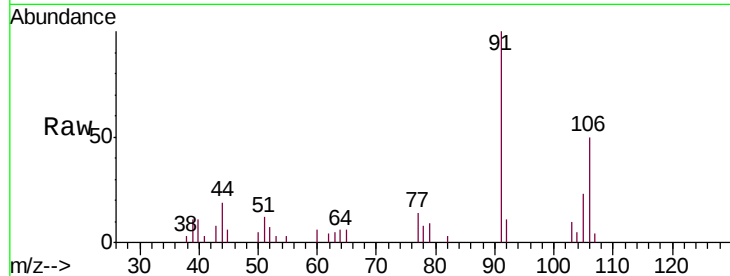




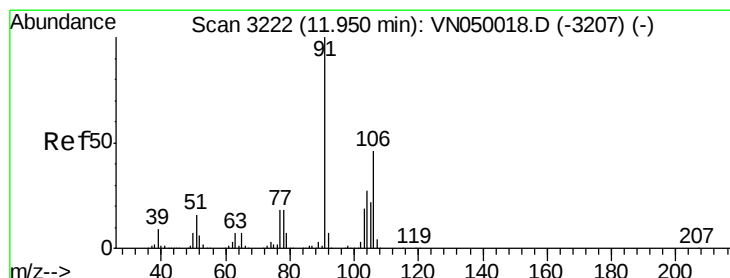
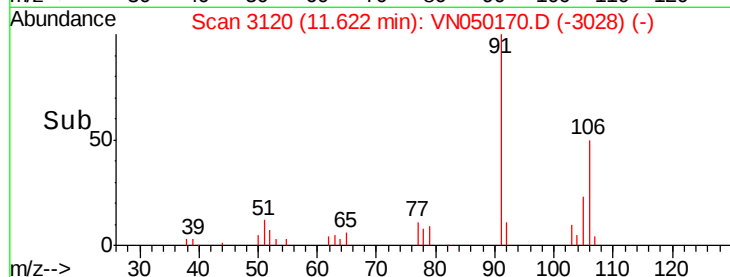
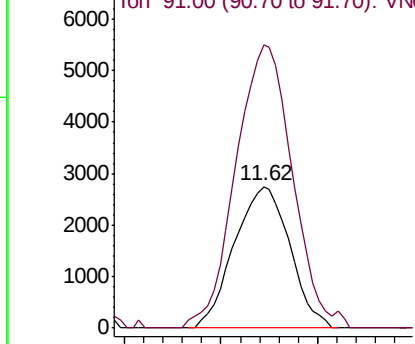
#68
m/p-Xylenes
Concen: 0.39 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. -0.00 min
Lab File: VN050170.D
Acq: 28 Jul 2018 8:46

Instrument :
MSVOA_N
ClientSampled :
TP-12-D

Tot Ion:106 Resp: 5486
Ion Ratio Lower Upper
106 100
91 204.0 162.2 243.2

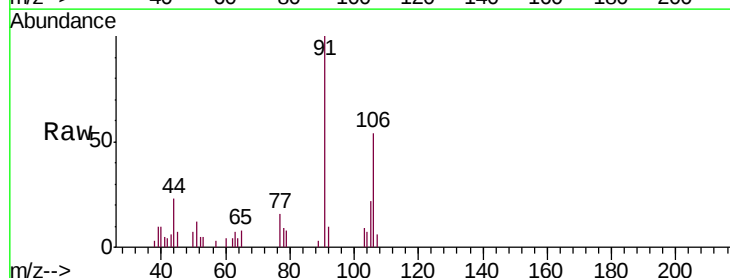


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

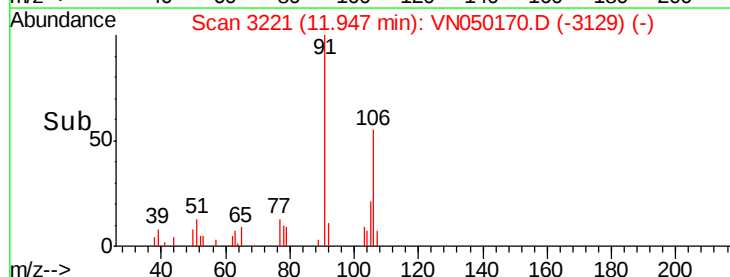
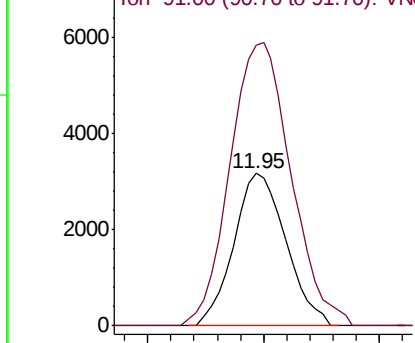


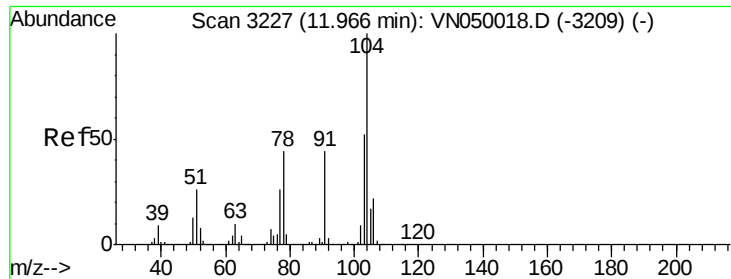
#69
o-Xylene
Concen: 0.37 ug/l
RT: 11.95 min Scan# 3221
Delta R.T. -0.00 min
Lab File: VN050170.D
Acq: 28 Jul 2018 8:46

Tgt Ion:106 Resp: 4935
Ion Ratio Lower Upper
106 100
91 217.5 107.7 323.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

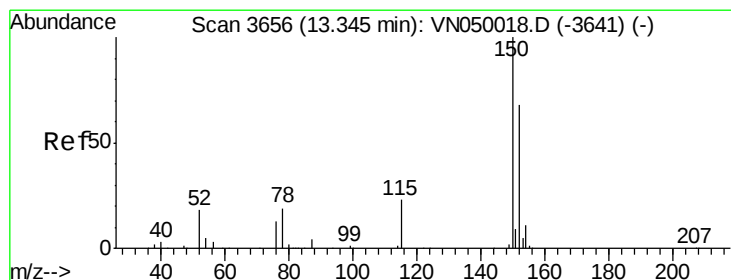
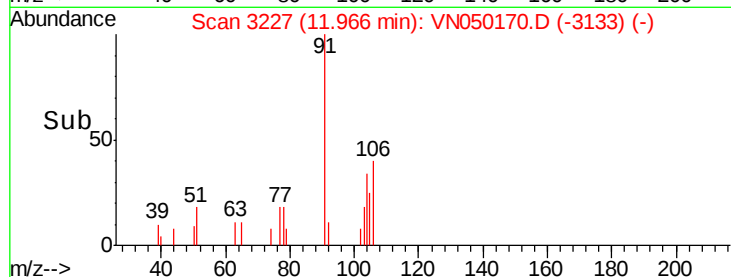
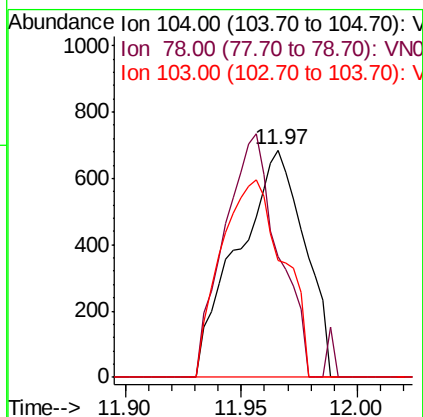
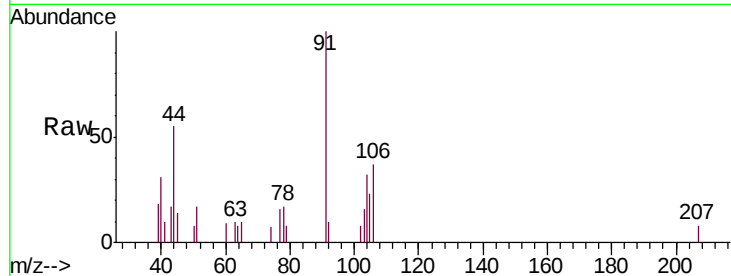




#70
Stvrene
Concen: 0.98 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050170.D
Acq: 28 Jul 2018 8:46

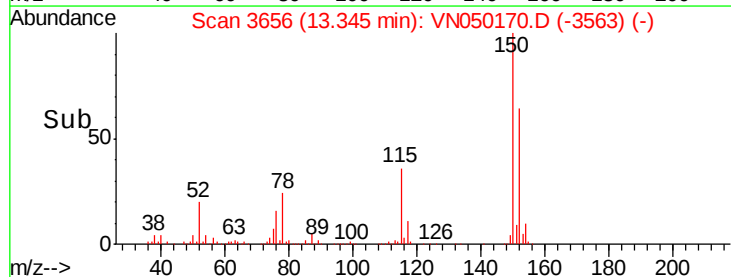
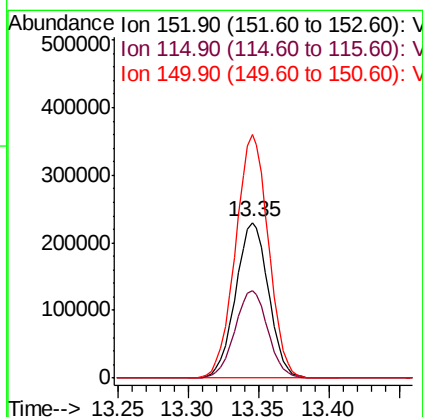
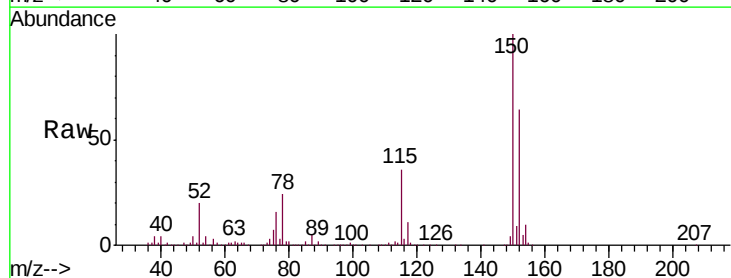
Instrument :
MSVOA_N
ClientSampled :
TP-12-D

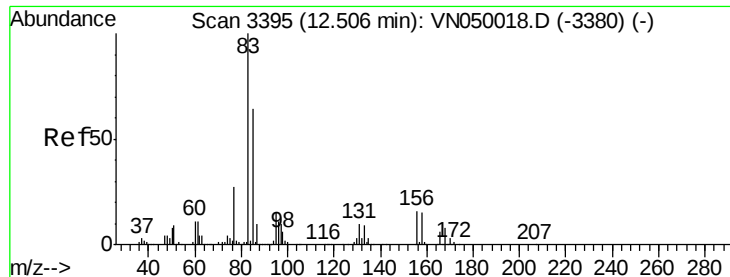
Tot Ion:104 Resp: 1362
Ion Ratio Lower Upper
104 100
78 86.6 39.3 58.9#
103 81.1 45.0 67.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050170.D
Acq: 28 Jul 2018 8:46

Tgt Ion:152 Resp: 377441
Ion Ratio Lower Upper
152 100
115 56.4 27.8 83.3
150 155.8 0.0 348.6





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3361

Delta R.T. -0.11 min

Lab File: VN050170.D

Acq: 28 Jul 2018 8:46

Instrument :

MSVOA_N

ClientSampled :

TP-12-D

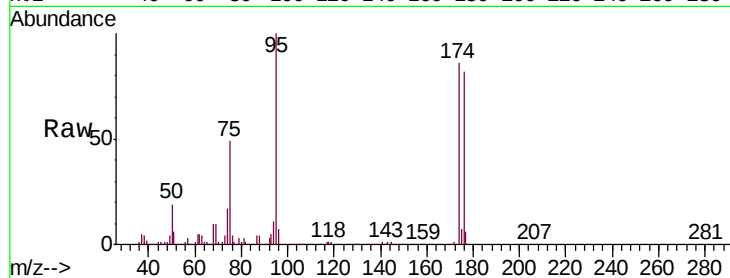
Tot Ion: 83 Resp: 552

Ion Ratio Lower Upper

83 100

131 140.8 5.1 15.3#

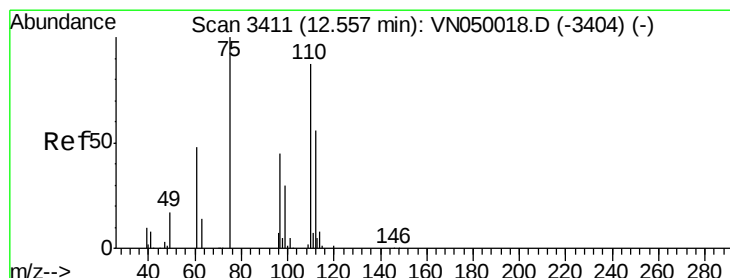
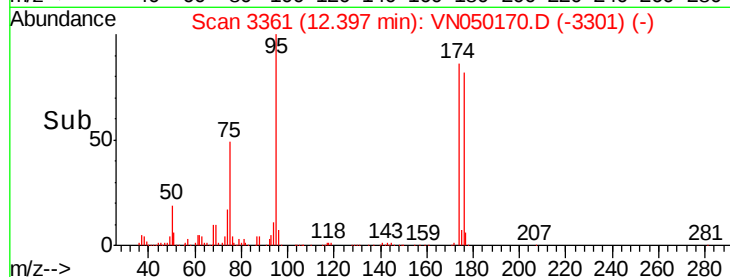
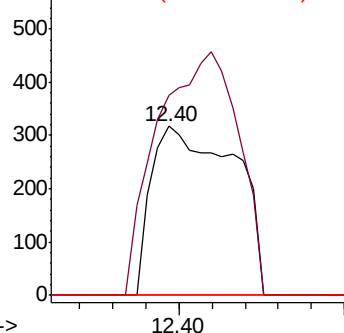
85 0.0 32.3 96.8#



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: 29.33 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050170.D

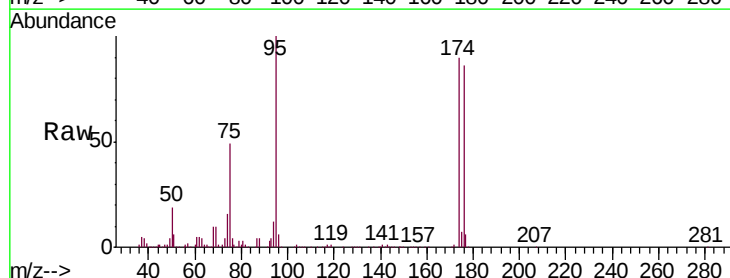
Acq: 28 Jul 2018 8:46

Tgt Ion: 75 Resp: 205743

Ion Ratio Lower Upper

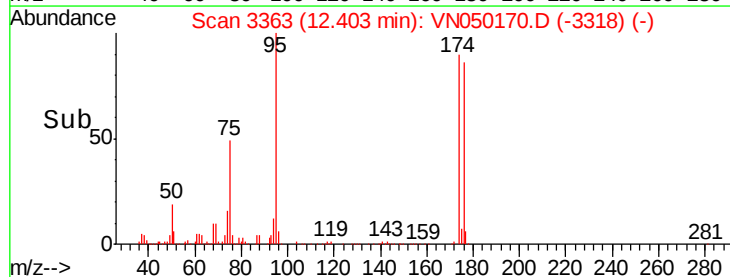
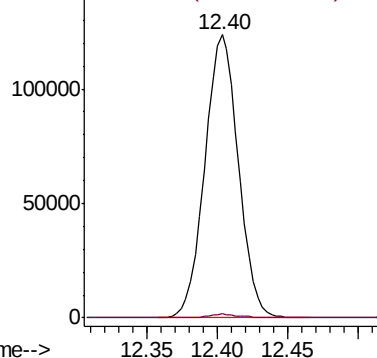
75 100

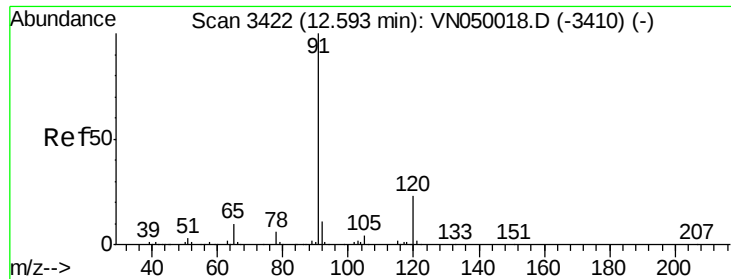
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 0.20 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050170.D

Acq: 28 Jul 2018 8:46

Instrument :

MSVOA_N

ClientSampleId :

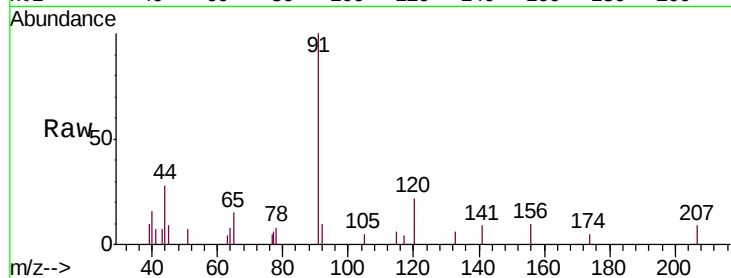
TP-12-D

Tot Ion: 91 Resp: 6614

Ion Ratio Lower Upper

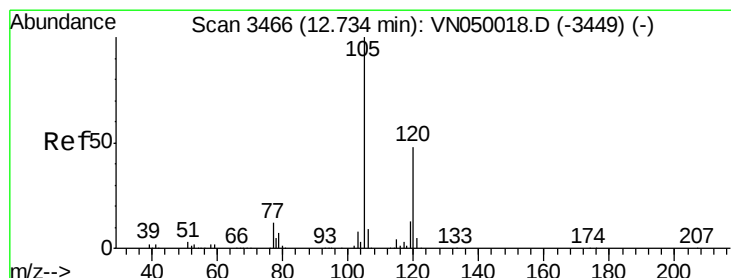
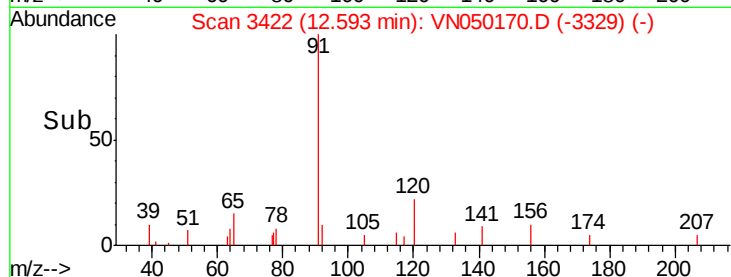
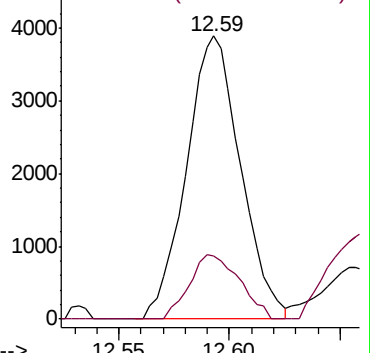
91 100

120 21.0 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN050170.D (-3329) (-)

Ion 120.00 (119.70 to 120.70): VN050170.D (-3329) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.35 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050170.D

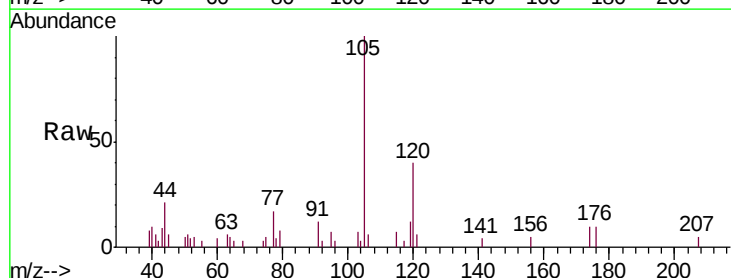
Acq: 28 Jul 2018 8:46

Tgt Ion:105 Resp: 8002

Ion Ratio Lower Upper

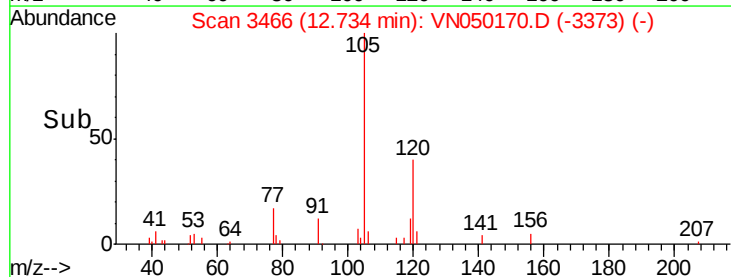
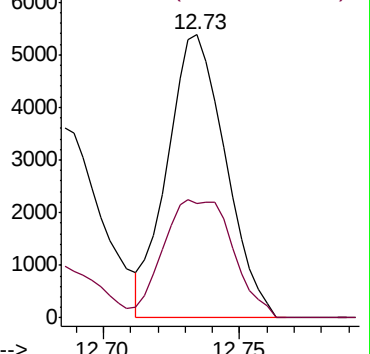
105 100

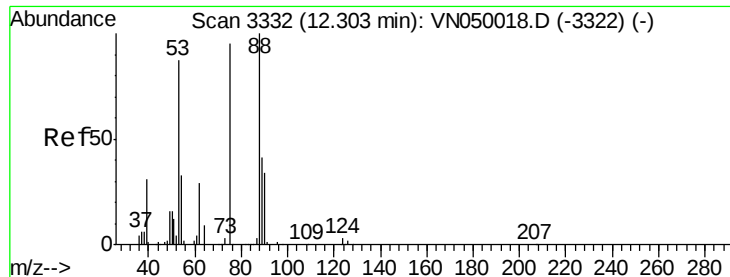
120 49.8 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VN050170.D (-3373) (-)

Ion 120.00 (119.70 to 120.70): VN050170.D (-3373) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 93.03 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050170.D

Acq: 28 Jul 2018 8:46

Instrument :

MSVOA_N

ClientSampleId :

TP-12-D

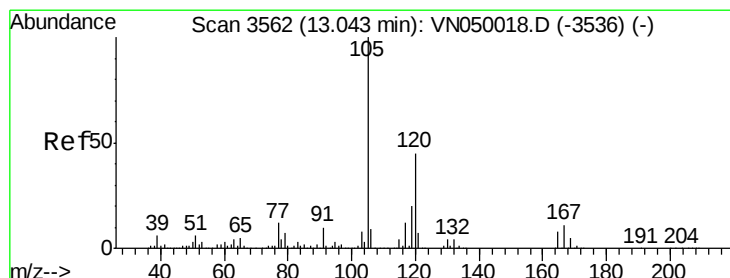
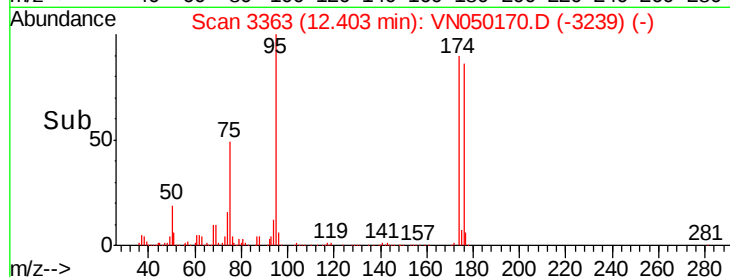
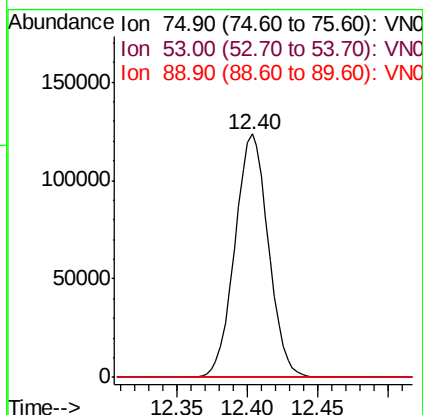
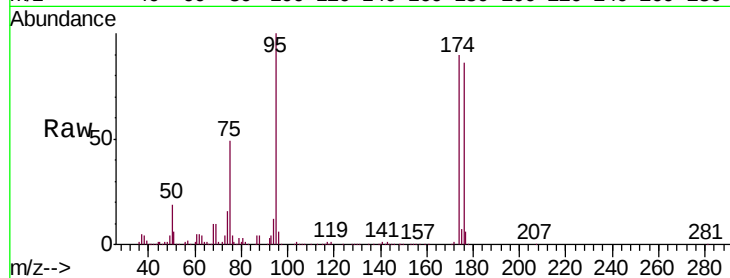
Tot Ion: 75 Resp: 205743

Ion Ratio Lower Upper

75 100

53 0.3 73.5 110.3#

89 0.0 36.0 54.0#



#84

1,2,4-Trimethylbenzene

Concen: 0.96 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. -0.00 min

Lab File: VN050170.D

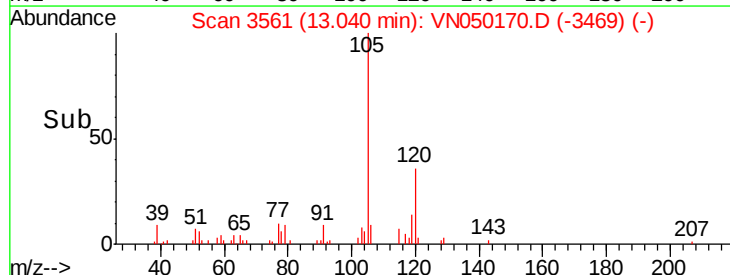
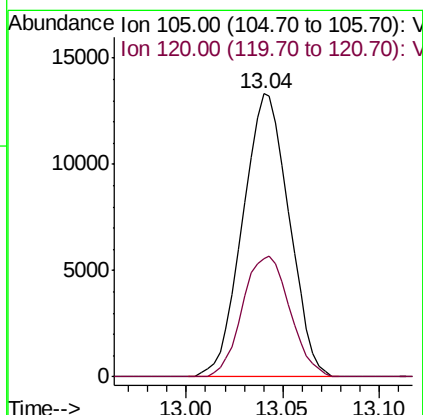
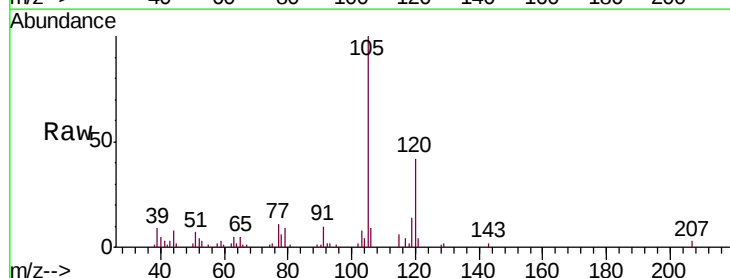
Acq: 28 Jul 2018 8:46

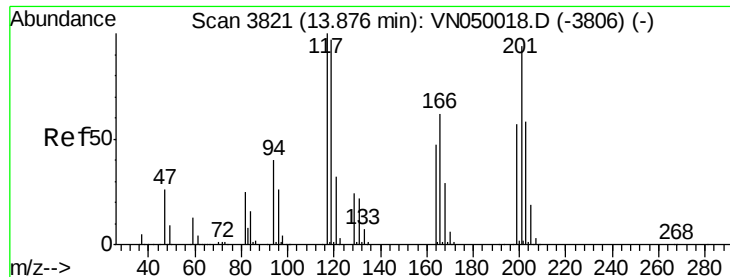
Tgt Ion: 105 Resp: 22266

Ion Ratio Lower Upper

105 100

120 43.5 22.9 68.7





#90

Hexachloroethane

Concen: 0.79 ug/l

RT: 13.89 min Scan# 3825

Delta R.T. 0.01 min

Lab File: VN050170.D

Acq: 28 Jul 2018 8:46

Instrument :

MSVOA_N

ClientSampleId :

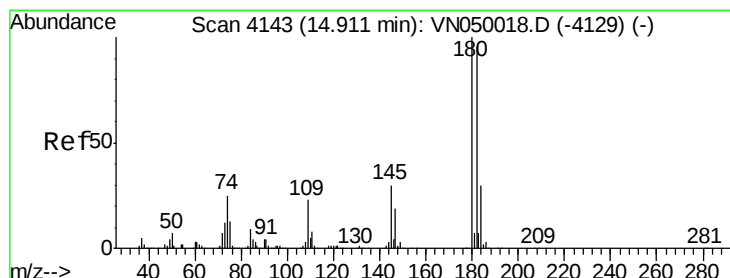
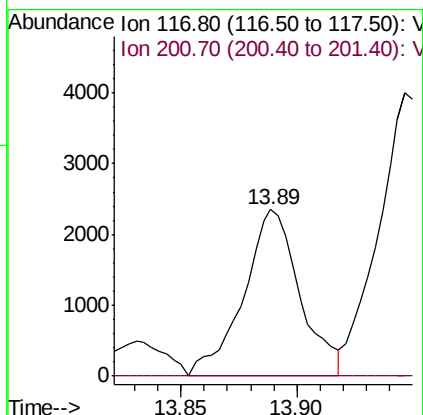
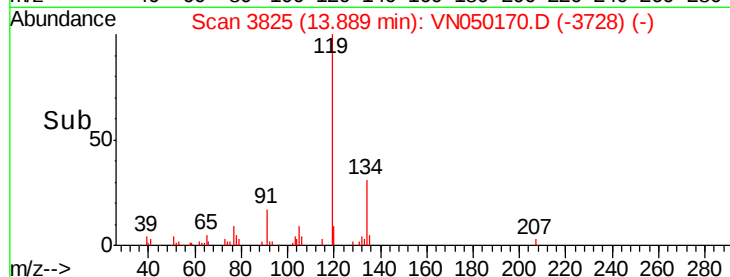
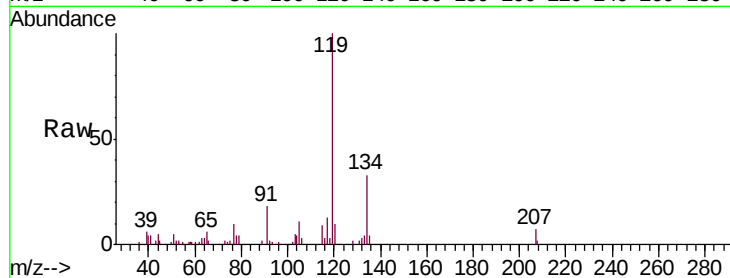
TP-12-D

Tot Ion:117 Resp: 3976

Ion Ratio Lower Upper

117 100

201 0.0 45.6 136.8#



#93

1,2,4-Trichlorobenzene

Concen: 3.26 ug/l

RT: 14.91 min Scan# 4142

Delta R.T. -0.00 min

Lab File: VN050170.D

Acq: 28 Jul 2018 8:46

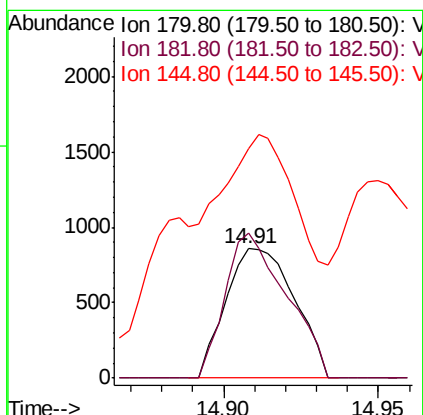
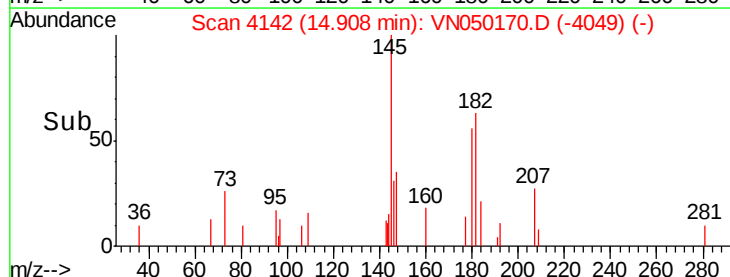
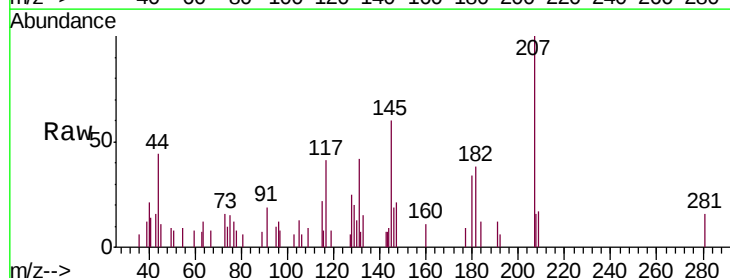
Tgt Ion:180 Resp: 1321

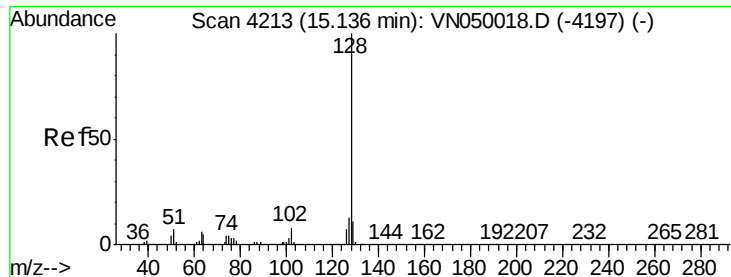
Ion Ratio Lower Upper

180 100

182 100.4 46.7 140.1

145 0.0 13.8 41.4#

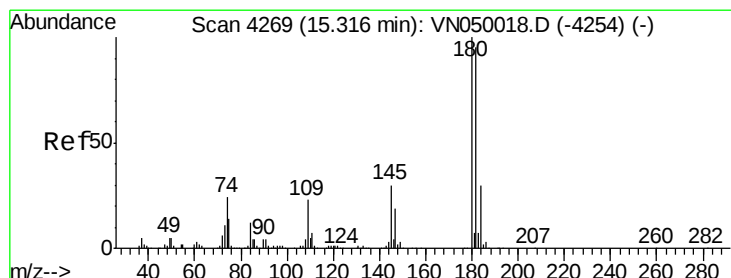
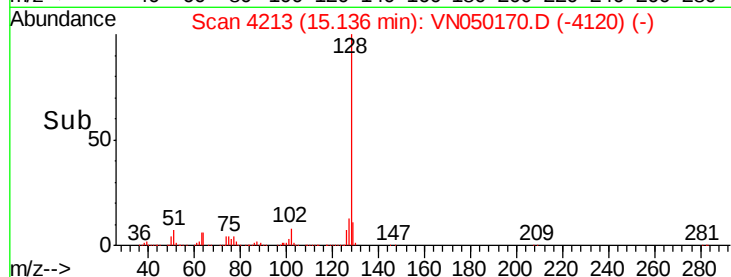
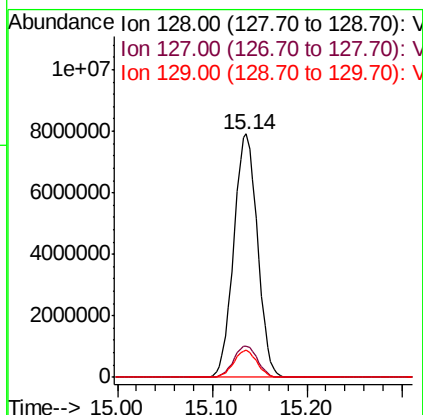
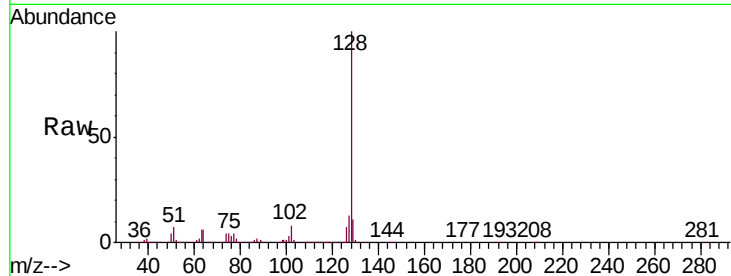




#95
Naphthalene
Concen: 731.34 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050170.D
Acq: 28 Jul 2018 8:46

Instrument :
MSVOA_N
ClientSampled :
TP-12-D

Tot Ion:128 Resp:13743890
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 2.23 ug/l
RT: 15.31 min Scan# 4268
Delta R.T. -0.01 min
Lab File: VN050170.D
Acq: 28 Jul 2018 8:46

Tgt Ion:180 Resp: 204
Ion Ratio Lower Upper
180 100
182 133.8 48.1 144.4
145 3750.0 15.3 45.9#

