

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041819\
 Data File : VN055120.D
 Acq On : 18 Apr 2019 14:55
 Operator : JC/SP
 Sample : K2461-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 19 01:29:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	576641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	883784	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	739552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	225517	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	347753	45.37	ug/l	0.00
Spiked Amount			Recovery	=	90.74%	
35) Dibromofluoromethane	7.59	113	285141	48.28	ug/l	0.00
Spiked Amount			Recovery	=	96.56%	
50) Toluene-d8	10.09	98	1065078	50.38	ug/l	0.00
Spiked Amount			Recovery	=	100.76%	
62) 4-Bromofluorobenzene	12.40	95	307362	44.72	ug/l	0.00
Spiked Amount			Recovery	=	89.44%	

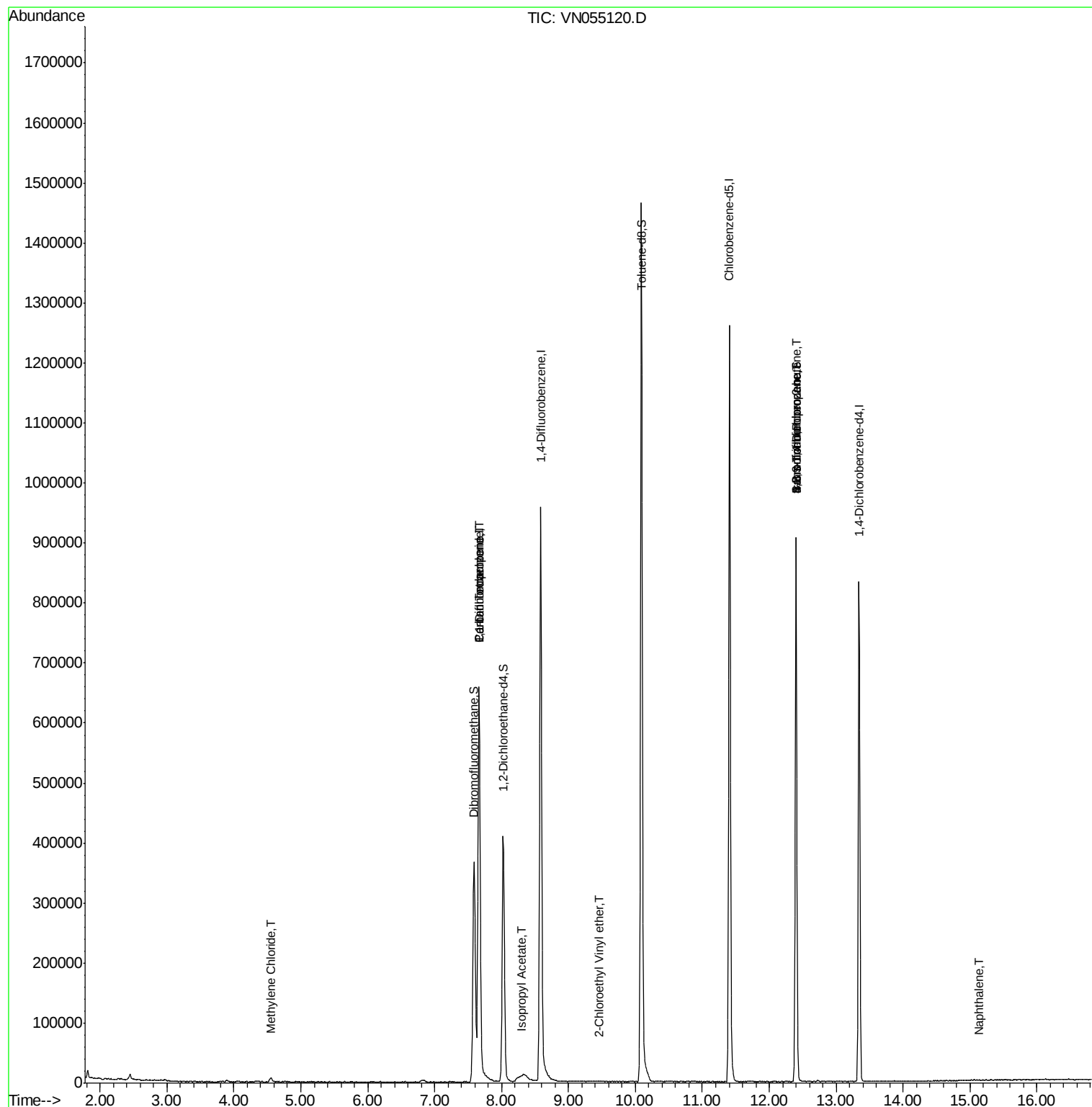
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Methyl Acetate	4.33	43	1352	Below Cal	#	56
20) Methylene Chloride	4.55	84	4121	0.563	ug/l	91
31) Cyclohexane	7.67	56	11933	Below Cal	#	5
36) 1,1-Dichloropropene	7.66	75	41895	5.029	ug/l #	48
38) Carbon Tetrachloride	7.66	117	51369	6.481	ug/l #	16
43) Isopropyl Acetate	8.29	43	15245	1.459	ug/l #	64
58) 2-Chloroethyl Vinyl ether	9.45	63	30	10.747	ug/l #	50
71) Bromoform	12.40	173	864	0.275	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	154893	38.195	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	154893	152.735	ug/l #	2
95) Naphthalene	15.15	128	66	3.088	ug/l #	69

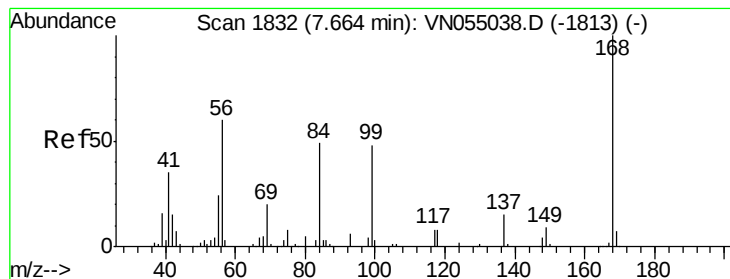
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041819\
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Quant Title : SW846 8260
QLast Update : Mon Apr 15 12:28:28 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055120.D

Acq: 18 Apr 2019 14:55

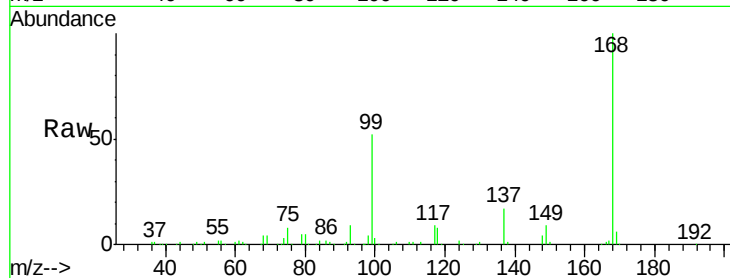
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 576641

Ion Ratio Lower Upper

168 100

99 52.2 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

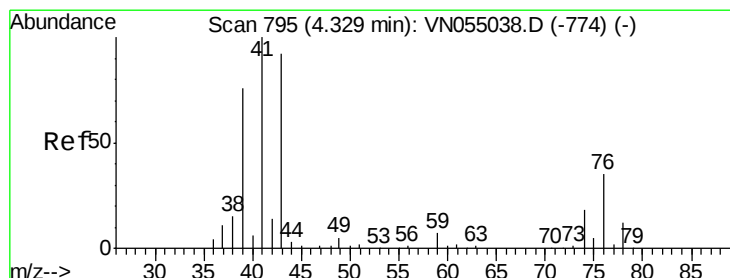
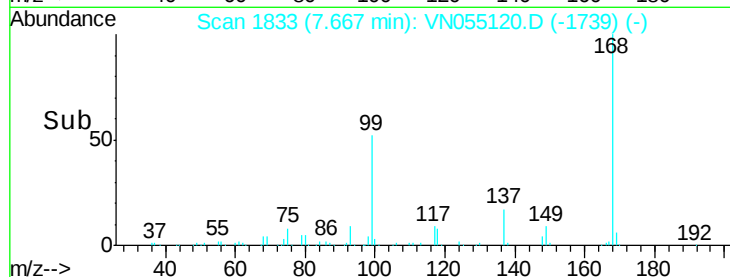
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#18

Methyl Acetate

Concen: Below Cal

RT: 4.33 min Scan# 796

Delta R.T. 0.00 min

Lab File: VN055120.D

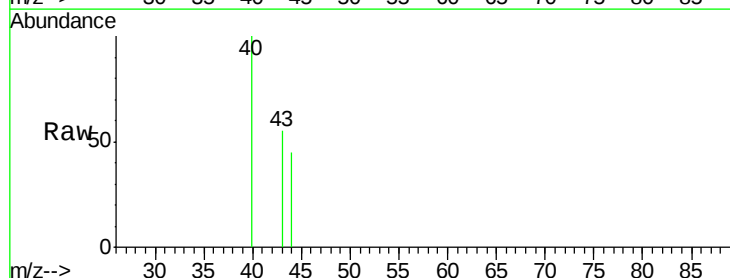
Acq: 18 Apr 2019 14:55

Tgt Ion: 43 Resp: 1352

Ion Ratio Lower Upper

43 100

74 0.0 16.1 24.1#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.33

1000

800

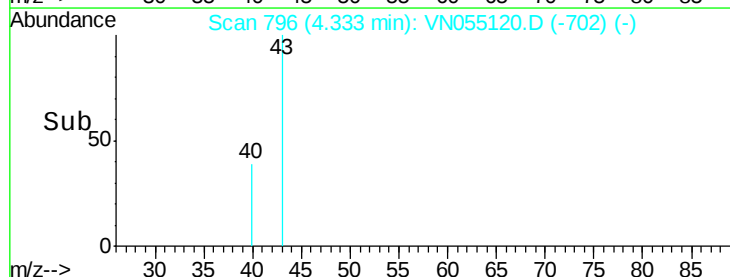
600

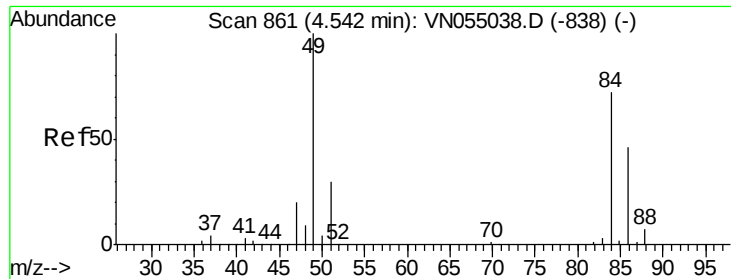
400

200

0

Time--> 4.28 4.30 4.32 4.34

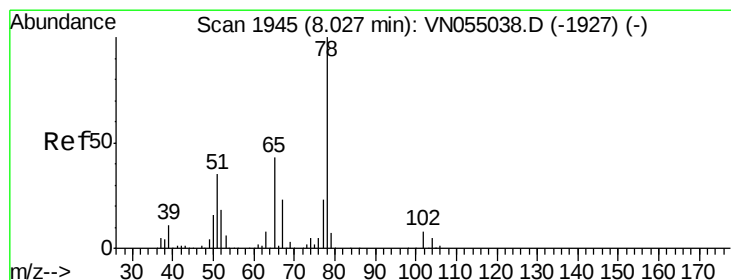
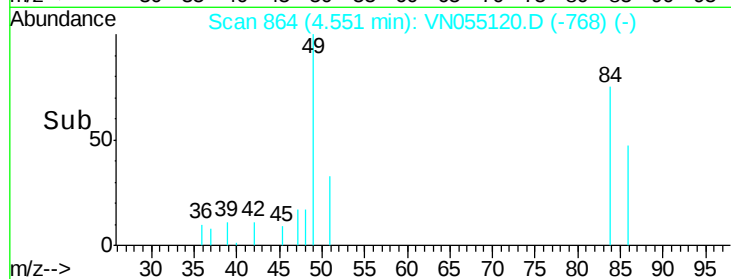
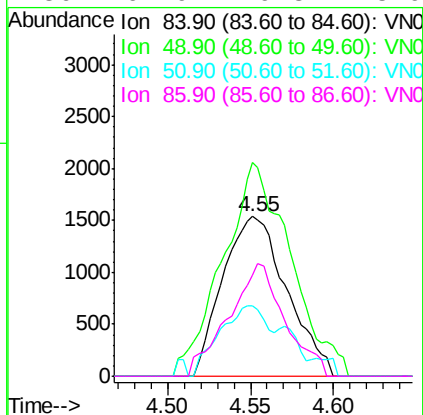
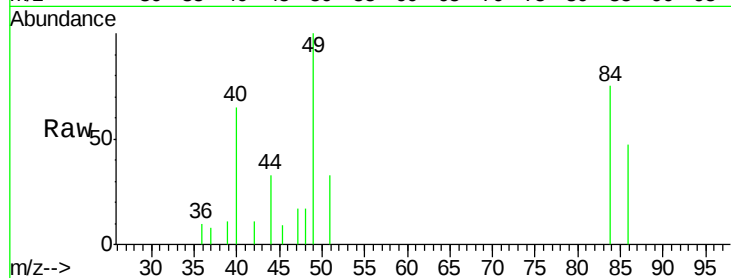




#20
Methvlene Chloride
Concen: 0.563 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.01 min
Lab File: VN055120.D
Acq: 18 Apr 2019 14:55

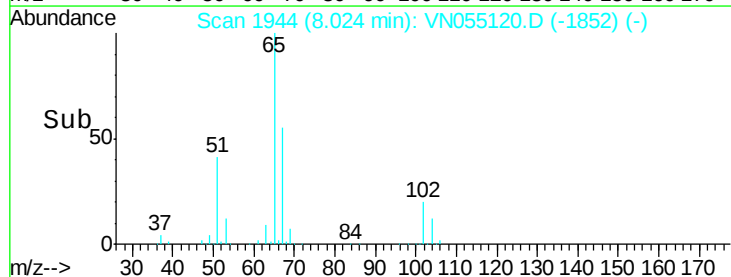
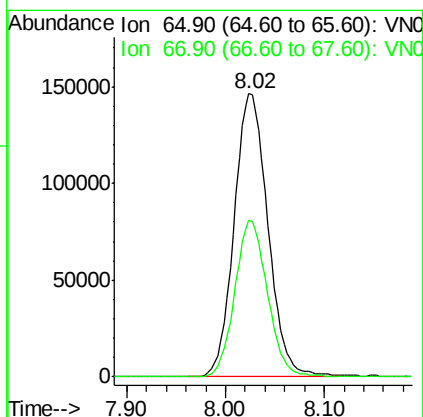
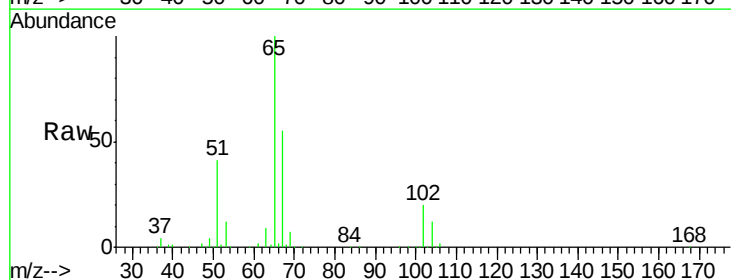
Instrument :
MSVOA_N
ClientSampleId :

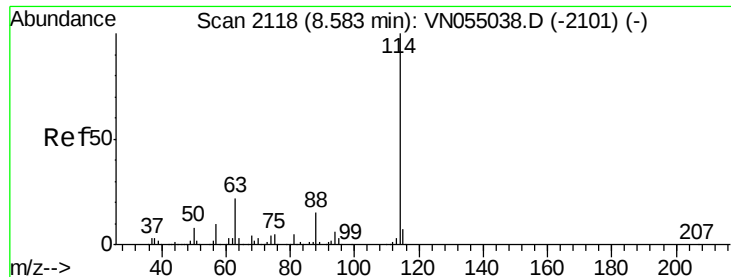
Tot Ion: 84 Resp: 4121
Ion Ratio Lower Upper
84 100
49 119.8 109.4 164.2
51 43.8 32.2 48.4
86 62.9 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 45.369 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN055120.D
Acq: 18 Apr 2019 14:55

Tgt Ion: 65 Resp: 347753
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.4

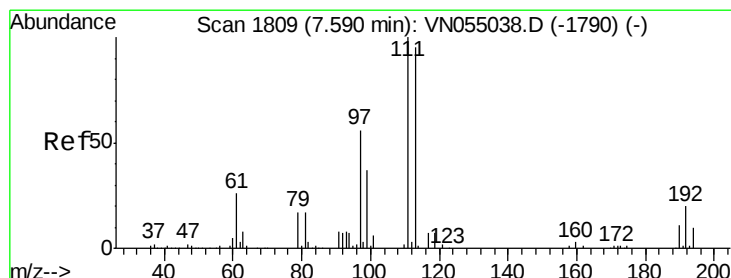
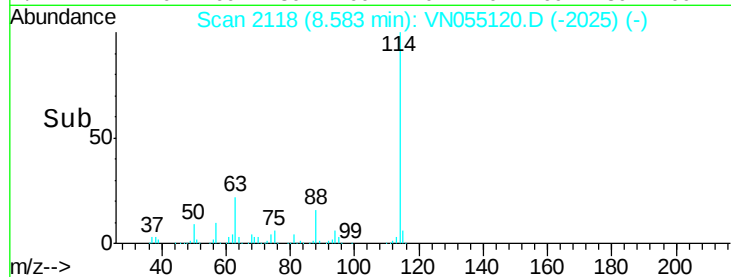
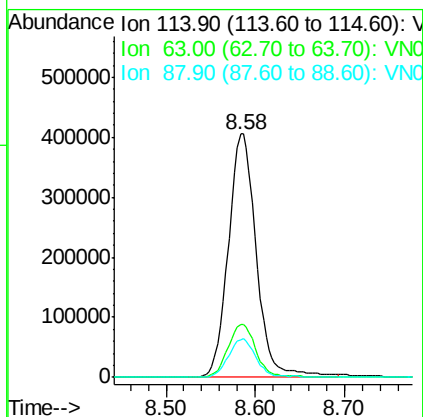
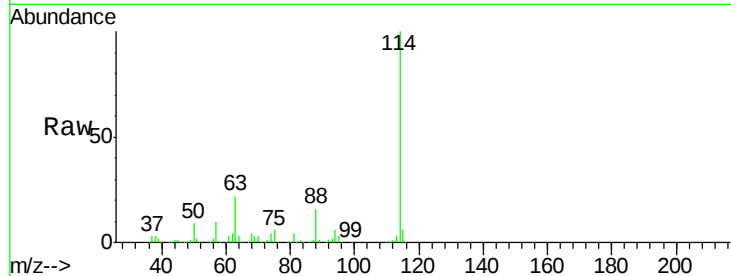




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055120.D
 Acq: 18 Apr 2019 14:55

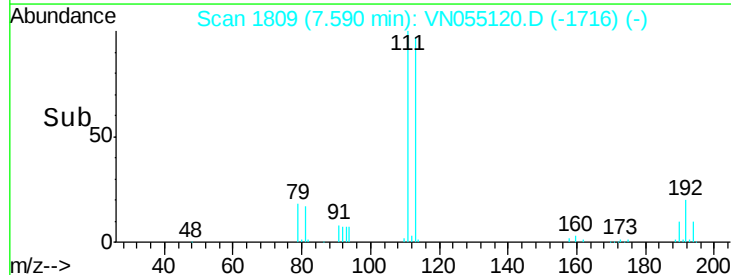
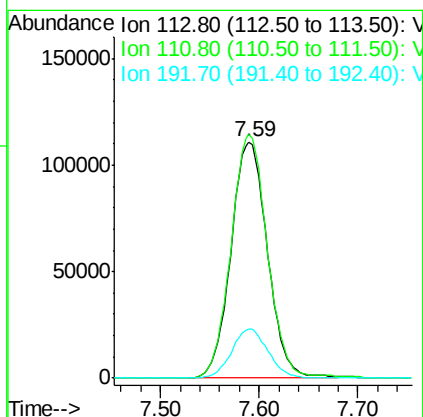
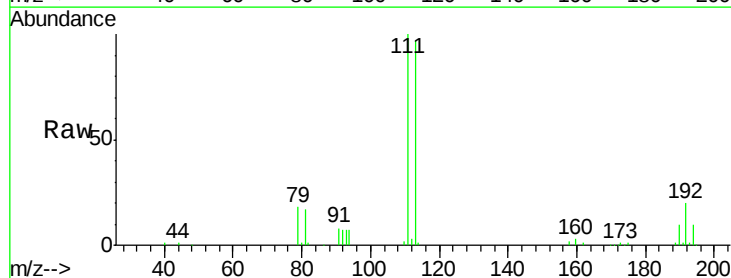
Instrument :
 MSVOA_N
 ClientSampled :

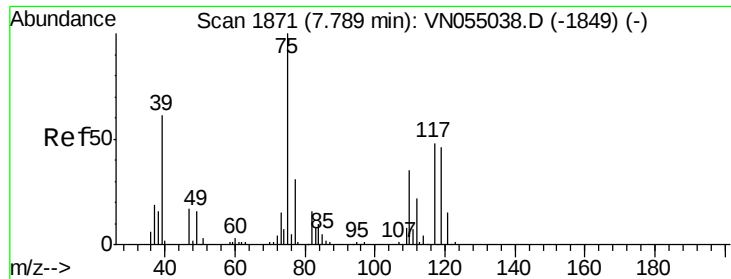
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	45.2
88	15.6	0.0	31.8



#35
 Dibromofluoromethane
 Concen: 48.277 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055120.D
 Acq: 18 Apr 2019 14:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.1	123.1
192	20.8	16.5	24.7

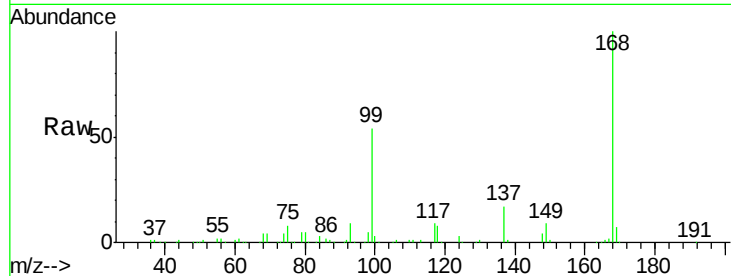




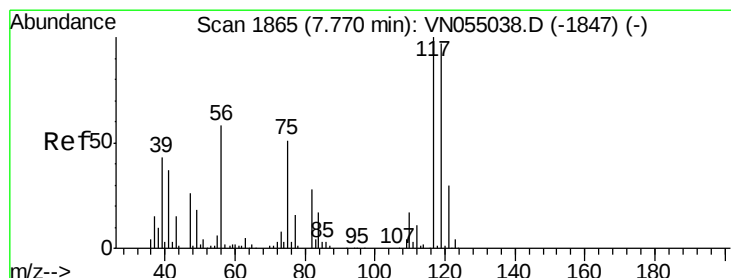
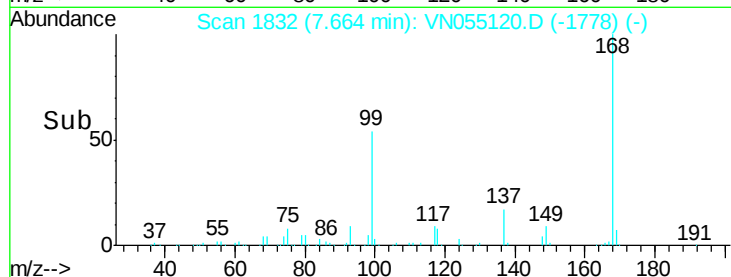
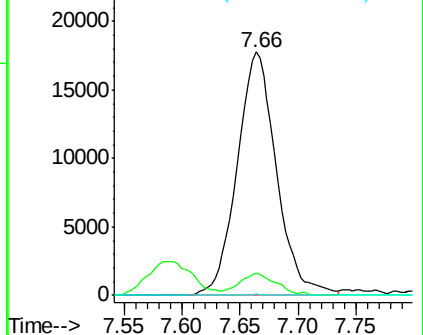
#36
 1,1-Dichloropropene
 Concen: 5.029 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055120.D
 Acq: 18 Apr 2019 14:55

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	75	Resp	41895
Ion Ratio	100	Lower	Upper
75	100		
110	6.9	17.5	52.5#
77	0.1	24.9	37.3#

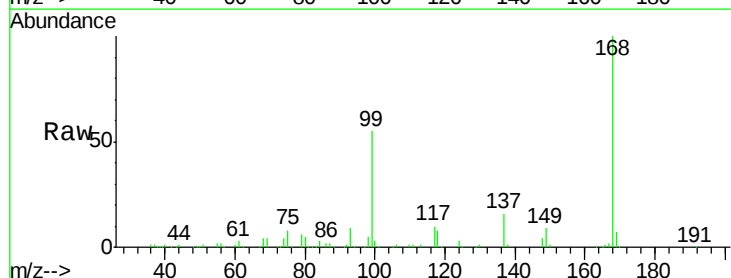


Abundance Ion 74.90 (74.60 to 75.60): VN055120.D (-1778) (-)

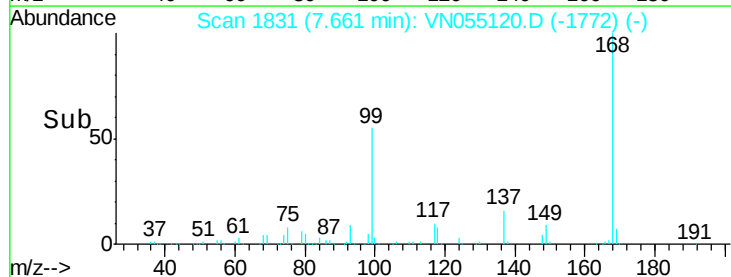
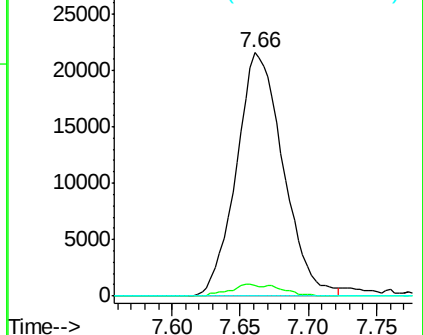


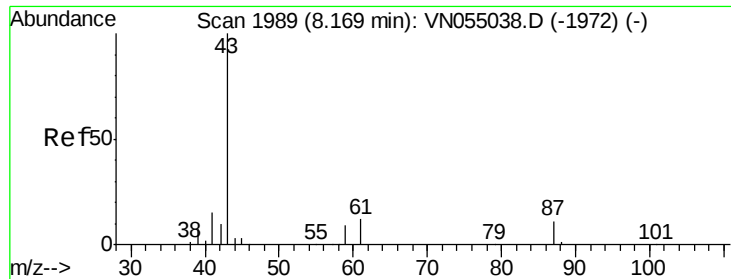
#38
 Carbon Tetrachloride
 Concen: 6.481 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.11 min
 Lab File: VN055120.D
 Acq: 18 Apr 2019 14:55

Tgt Ion	117	Resp	51369
Ion Ratio	100	Lower	Upper
117	100		
119	4.5	76.3	114.5#
121	0.0	23.9	35.9#



Abundance Ion 116.80 (116.50 to 117.50): VN055120.D (-1772) (-)





#43

Isopropyl Acetate

Concen: 1.459 ug/l

RT: 8.29 min Scan# 2028

Delta R.T. 0.13 min

Lab File: VN055120.D

Acq: 18 Apr 2019 14:55

Instrument :

MSVOA_N

ClientSampleId :

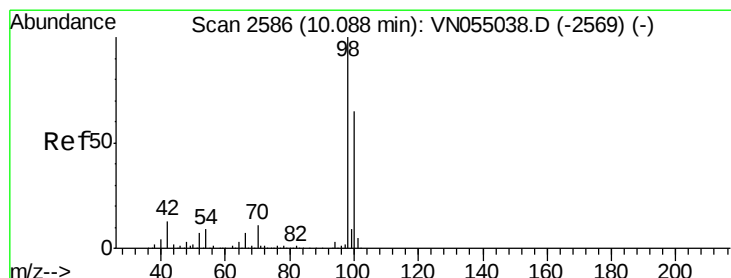
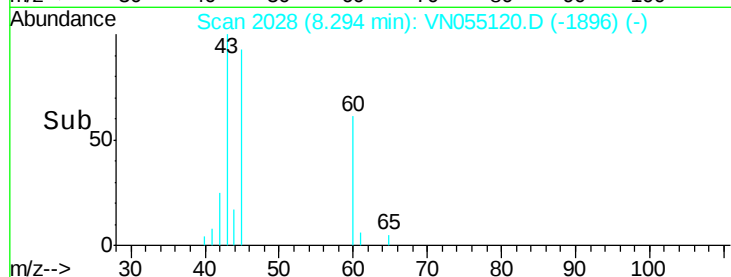
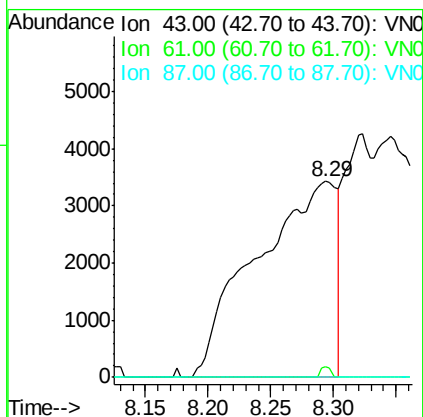
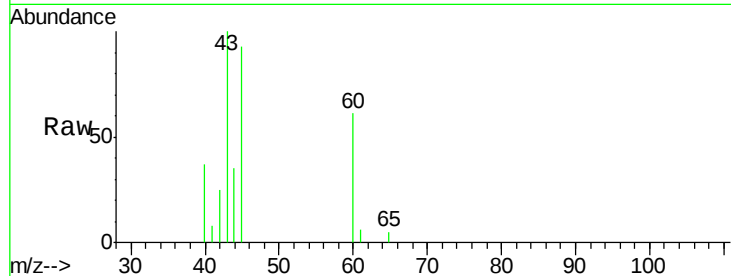
Tot Ion: 43 Resp: 15245

Ion Ratio Lower Upper

43 100

61 0.0 14.3 21.5#

87 0.0 8.6 13.0#



#50

Toluene-d8

Concen: 50.383 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN055120.D

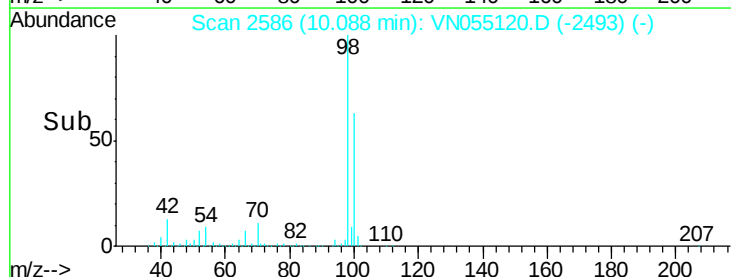
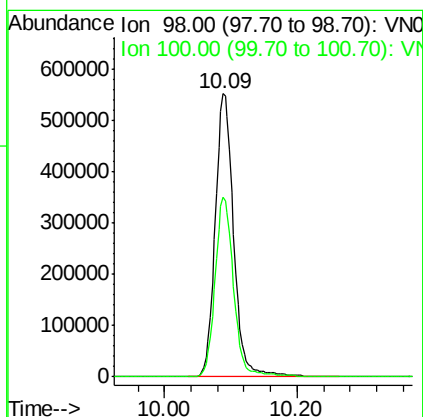
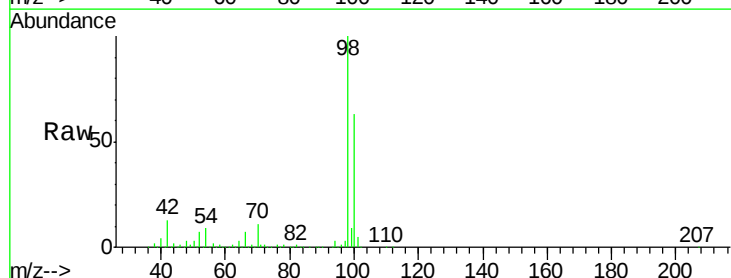
Acq: 18 Apr 2019 14:55

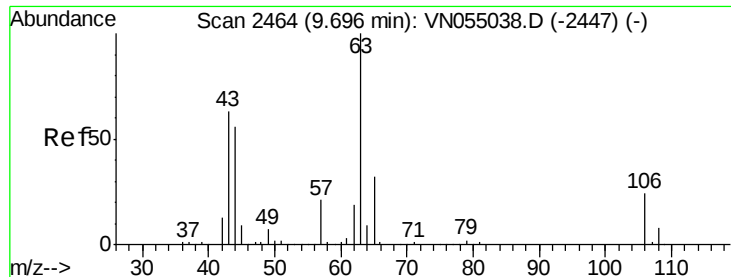
Tgt Ion: 98 Resp: 1065078

Ion Ratio Lower Upper

98 100

100 63.9 51.1 76.7

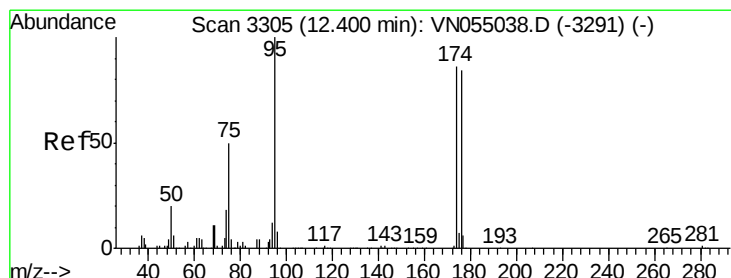
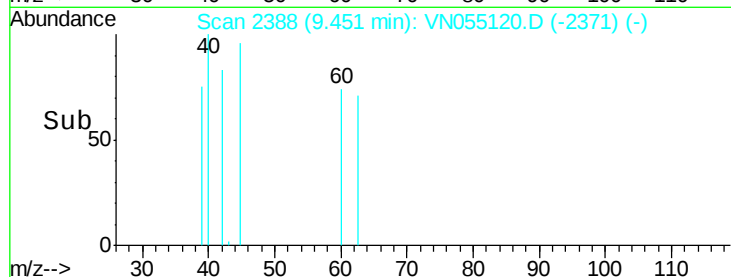
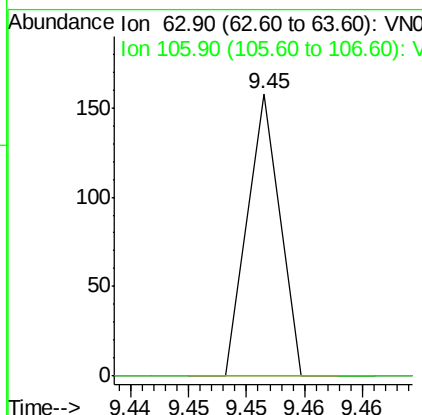
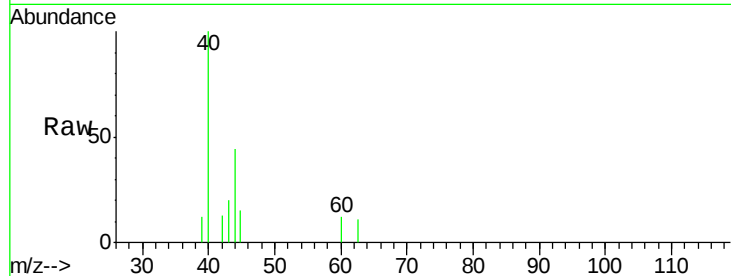




#58
 2-Chloroethyl Vinyl ether
 Concen: 10.747 ug/l
 RT: 9.45 min Scan# 2388
 Delta R.T. -0.24 min
 Lab File: VN055120.D
 Acq: 18 Apr 2019 14:55

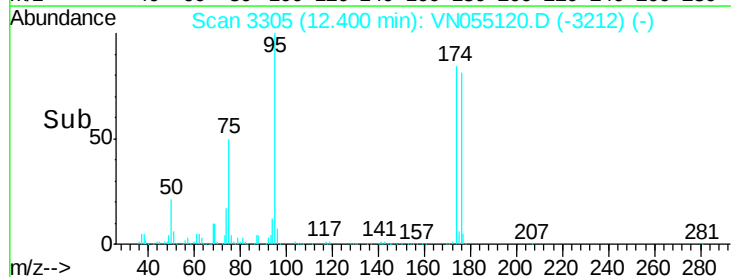
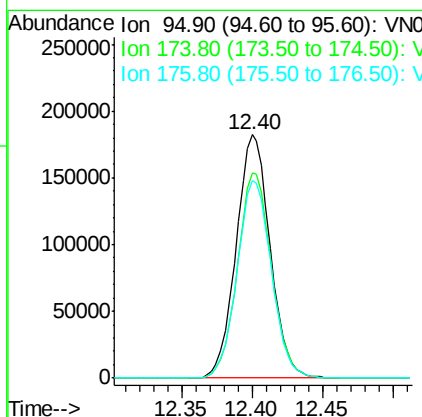
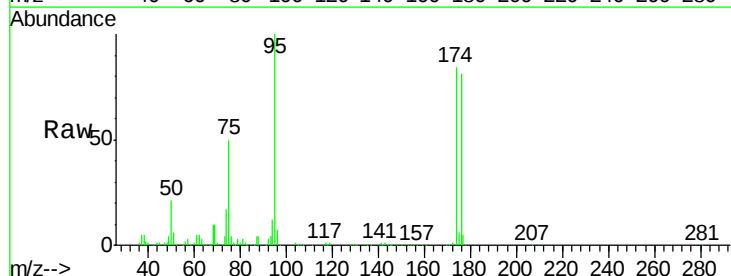
Instrument :
 MSVOA_N
 ClientSampleId :

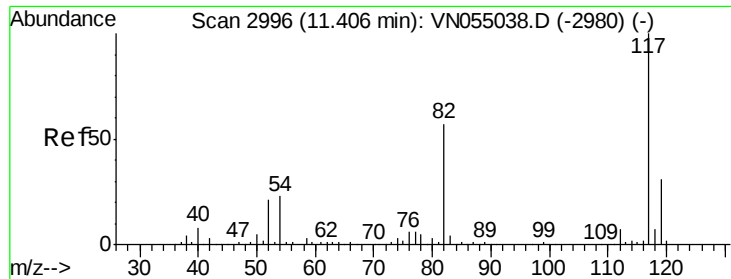
Tot Ion: 63 Resp: 30
 Ion Ratio Lower Upper
 63 100
 106 0.0 20.0 30.0#



#62
 4-Bromofluorobenzene
 Concen: 44.724 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055120.D
 Acq: 18 Apr 2019 14:55

Tgt Ion: 95 Resp: 307362
 Ion Ratio Lower Upper
 95 100
 174 84.6 0.0 174.4
 176 82.3 0.0 166.8

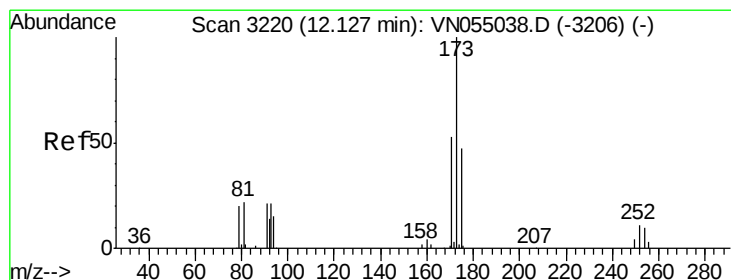
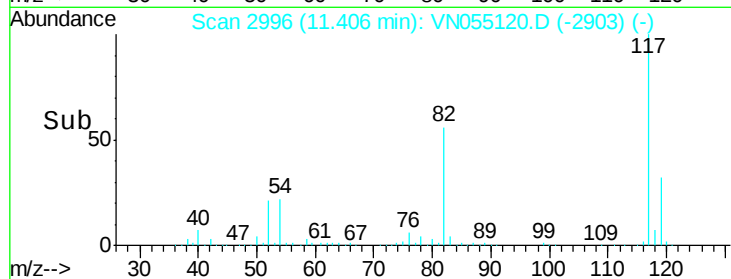
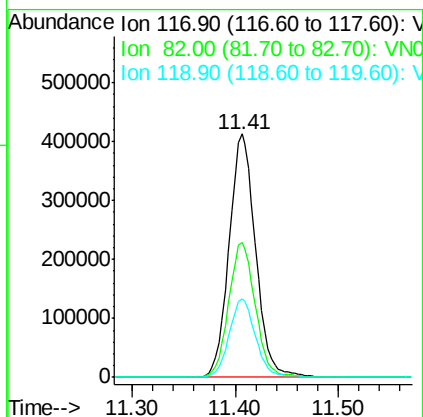
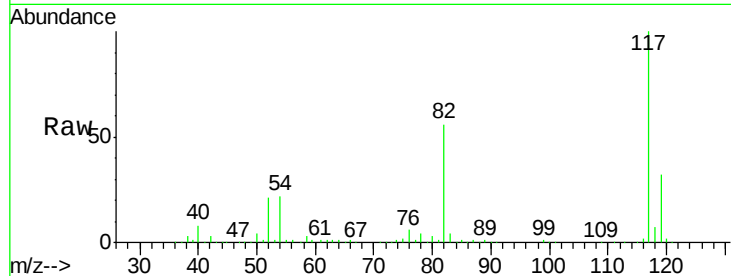




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055120.D
Acq: 18 Apr 2019 14:55

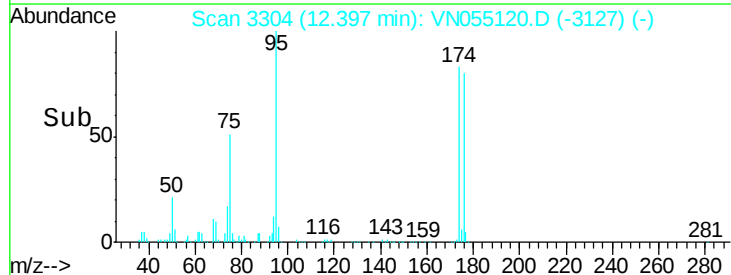
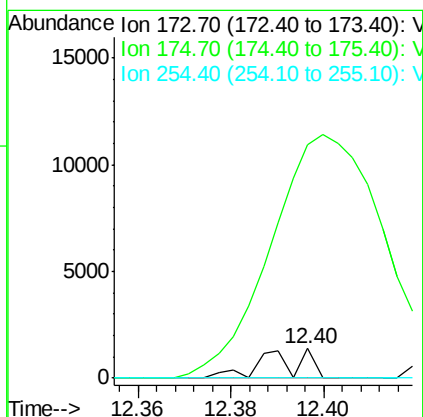
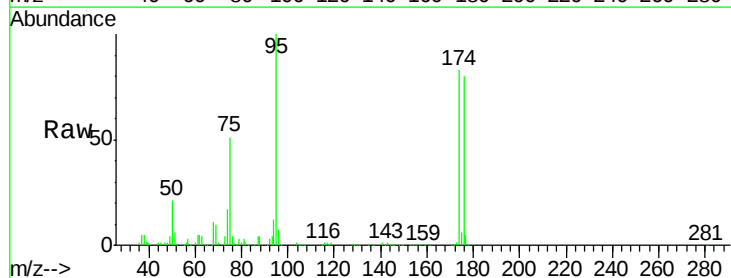
Instrument :
MSVOA_N
ClientSampleId :

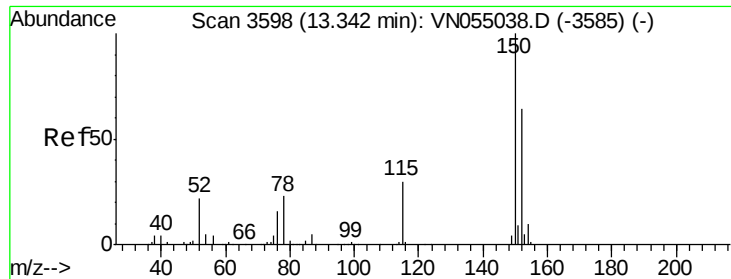
Tot Ion:117 Resp: 739552
Ion Ratio Lower Upper
117 100
82 55.6 44.6 66.8
119 32.3 25.5 38.3



#71
Bromoform
Concen: 0.275 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN055120.D
Acq: 18 Apr 2019 14:55

Tgt Ion:173 Resp: 864
Ion Ratio Lower Upper
173 100
175 1986.6 24.3 73.0#
254 0.0 0.1 0.1#



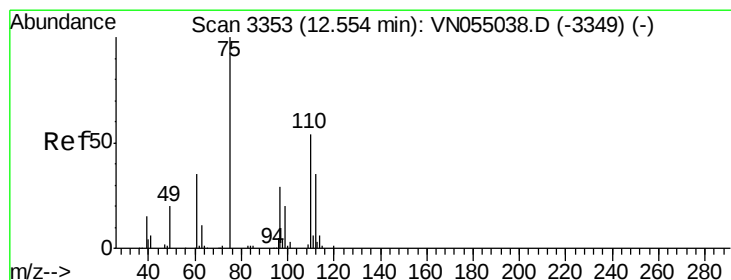
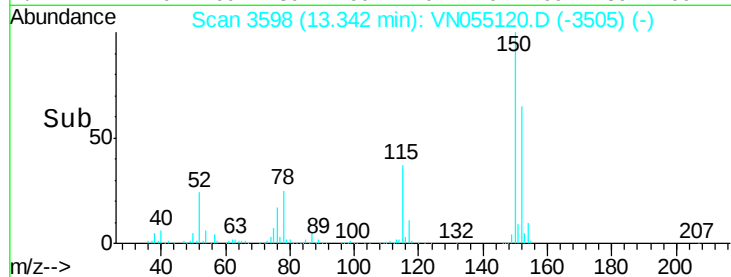
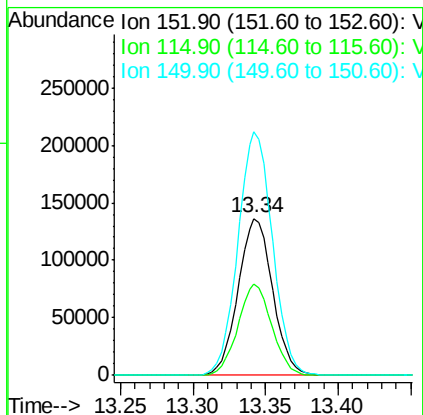
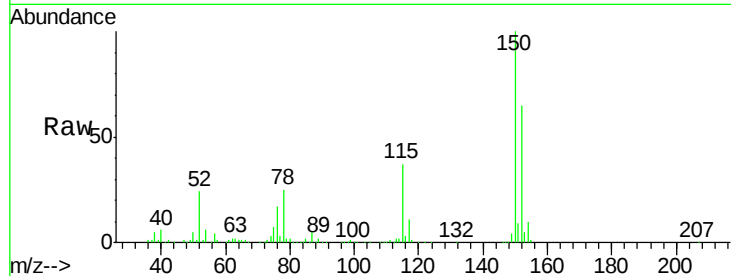


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055120.D
Acq: 18 Apr 2019 14:55

Instrument :
MSVOA_N
ClientSampled :

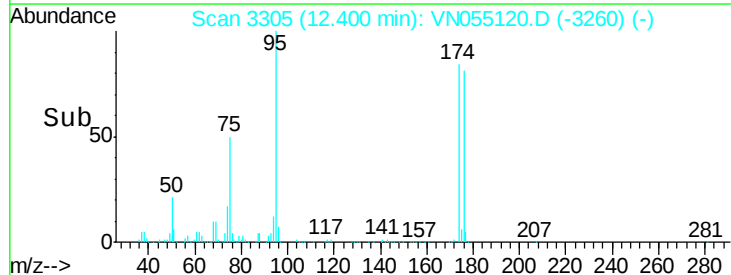
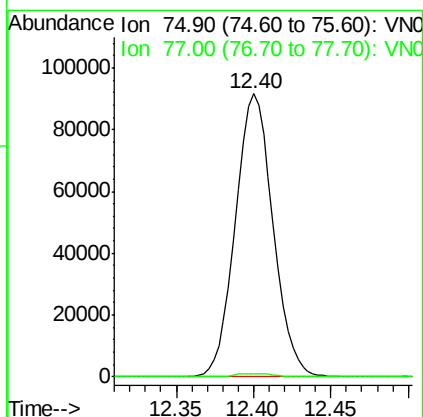
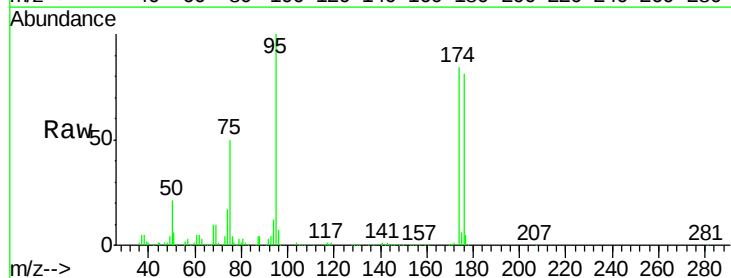
Tot Ion:152 Resp: 225517
Ion Ratio Lower Upper
152 100
115 57.1 28.5 85.6
150 155.2 0.0 347.2

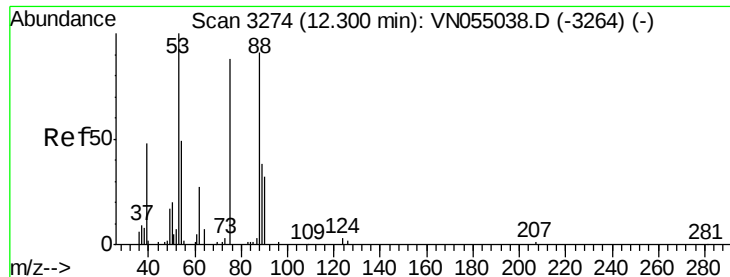


#76

1,2,3-Trichloropropane
Concen: 38.195 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN055120.D
Acq: 18 Apr 2019 14:55

Tgt Ion: 75 Resp: 154893
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 152.735 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055120.D

Acq: 18 Apr 2019 14:55

Instrument :

MSVOA_N

ClientSampleId :

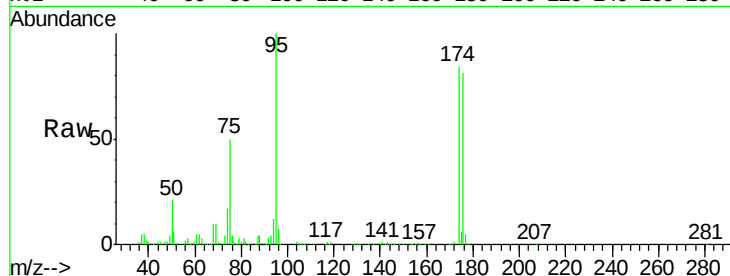
Tot Ion: 75 Resp: 154893

Ion Ratio Lower Upper

75 100

53 0.0 96.3 144.5#

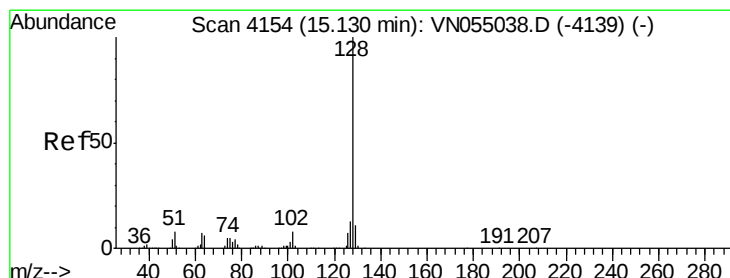
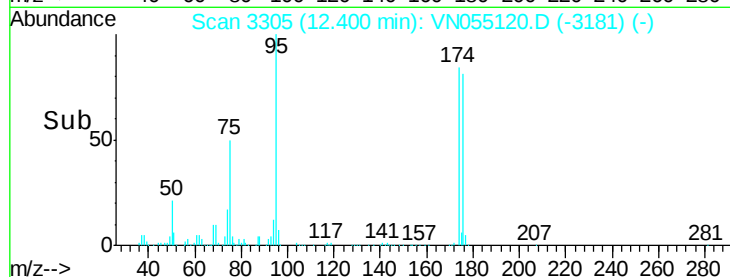
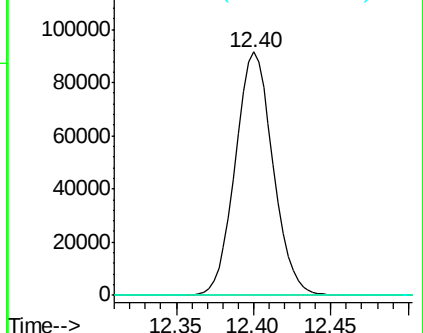
89 0.0 38.6 57.8#



Abundance Ion 74.90 (74.60 to 75.60): VN055120.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN055120.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN055120.D (-3181) (-)



#95

Naphthalene

Concen: 3.088 ug/l

RT: 15.15 min Scan# 4159

Delta R.T. 0.02 min

Lab File: VN055120.D

Acq: 18 Apr 2019 14:55

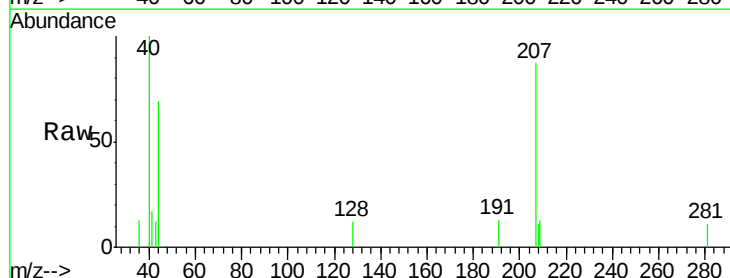
Tgt Ion: 128 Resp: 66

Ion Ratio Lower Upper

128 100

127 0.0 10.1 15.1#

129 0.0 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): VN055120.D (-4061) (-)

Ion 127.00 (126.70 to 127.70): VN055120.D (-4061) (-)

Ion 129.00 (128.70 to 129.70): VN055120.D (-4061) (-)

