

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
 Data File : VN054339.D
 Acq On : 16 Mar 2019 16:18
 Operator : JC/SP
 Sample : K1960-21
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-031519-02

Quant Time: Mar 18 04:50:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

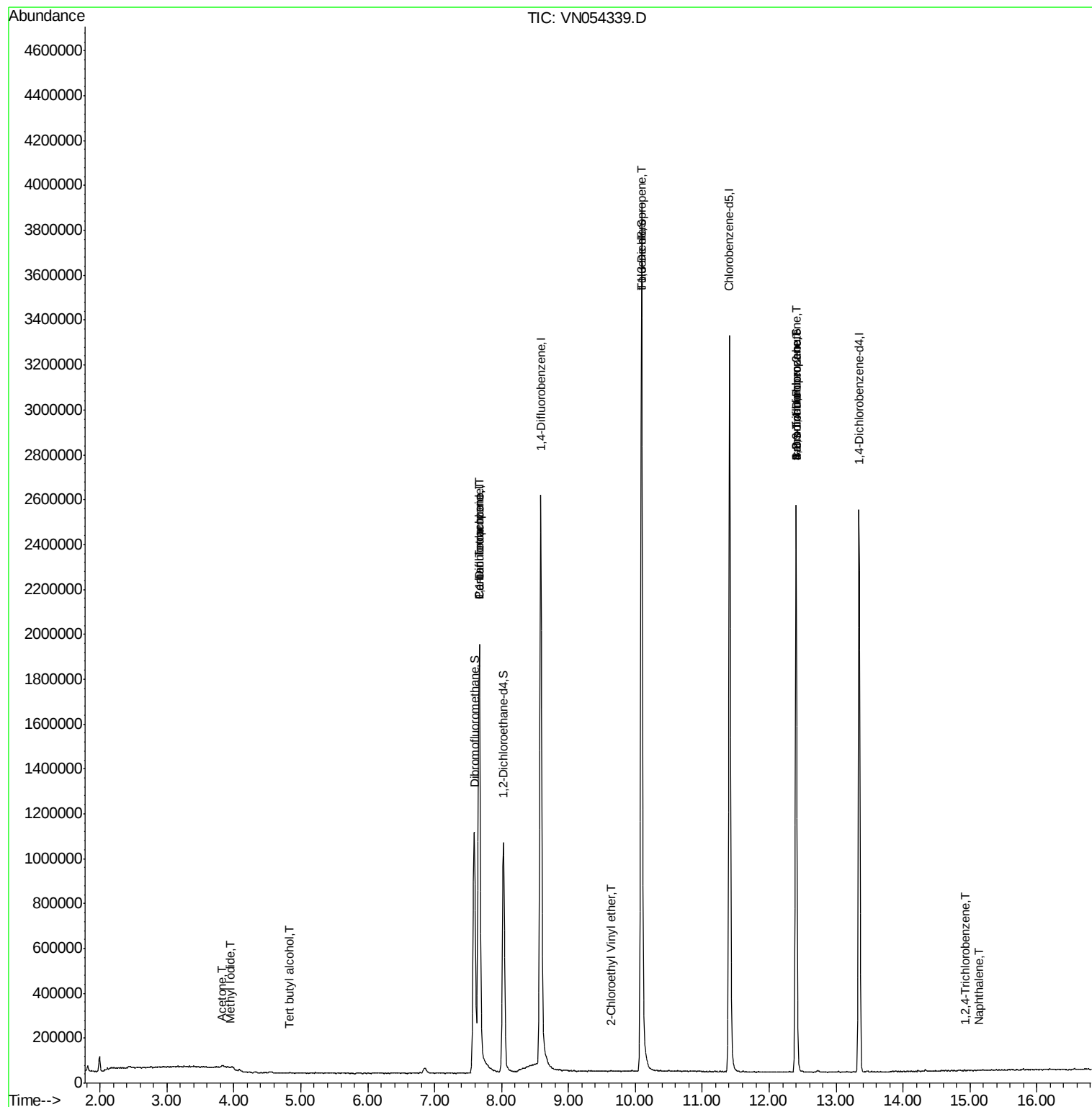
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1857690	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2642877	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2162306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	747824	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	909847	46.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.24%	
35) Dibromofluoromethane	7.59	113	814426	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.56%	
50) Toluene-d8	10.09	98	3045963	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
62) 4-Bromofluorobenzene	12.40	95	873123	39.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.28%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	3.94	142	299	1.507	ug/l #	52
11) Tert butyl alcohol	4.82	59	643	0.475	ug/l #	83
16) Acetone	3.82	43	10171	1.801	ug/l #	85
31) Cyclohexane	7.67	56	27953	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	112089	4.605	ug/l #	47
38) Carbon Tetrachloride	7.66	117	152343	5.969	ug/l #	16
53) t-1,3-Dichloropropene	10.10	75	472	2.003	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.63	63	33	16.832	ug/l #	44
71) Bromoform	12.40	173	5657	2.761	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	414667	37.707	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	414667	128.899	ug/l #	11
93) 1,2,4-Trichlorobenzene	14.91	180	526	2.548	ug/l #	41
95) Naphthalene	15.13	128	1785	3.520	ug/l #	81

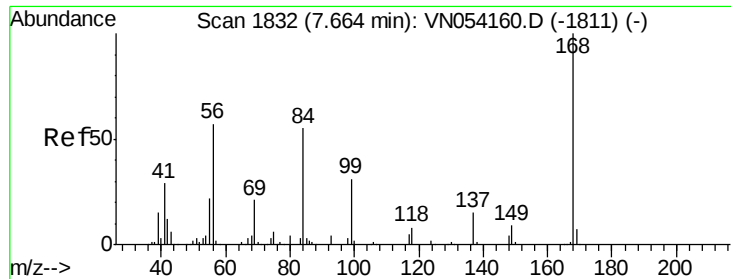
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 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: VN054339.D

Acq: 16 Mar 2019 16:18

Instrument :

MSVOA_N

ClientSampled :

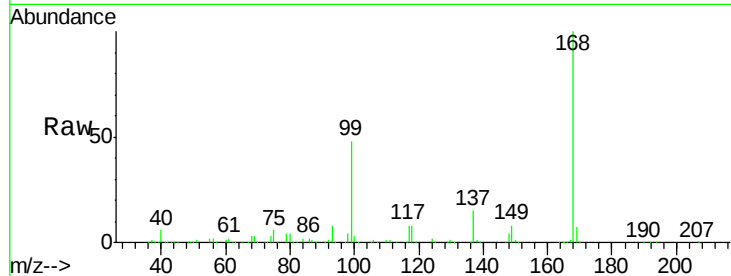
FB-031519-02

Tot Ion:168 Resp: 1857690

Ion Ratio Lower Upper

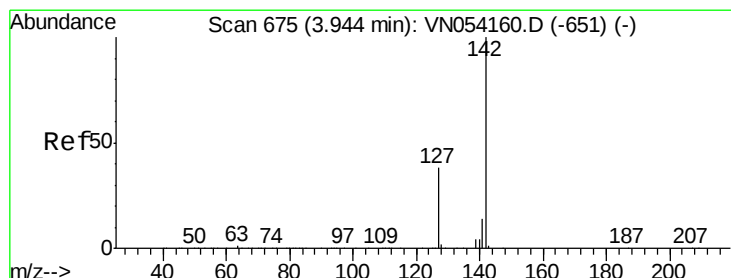
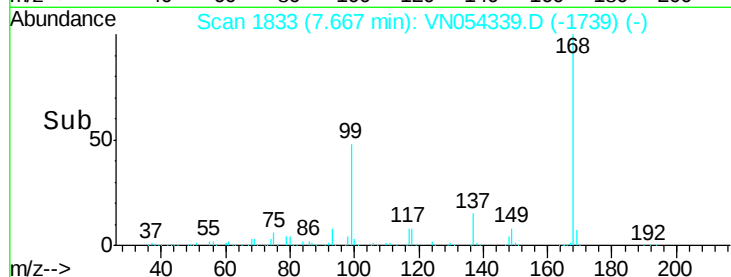
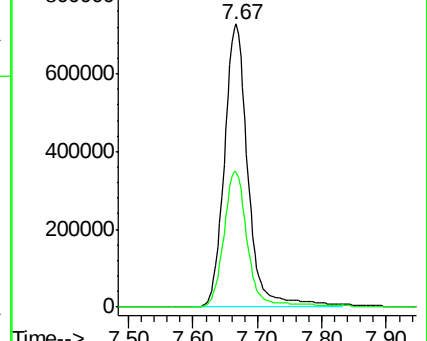
168 100

99 47.8 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#10

Methyl Iodide

Concen: 1.507 ug/l

RT: 3.94 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN054339.D

Acq: 16 Mar 2019 16:18

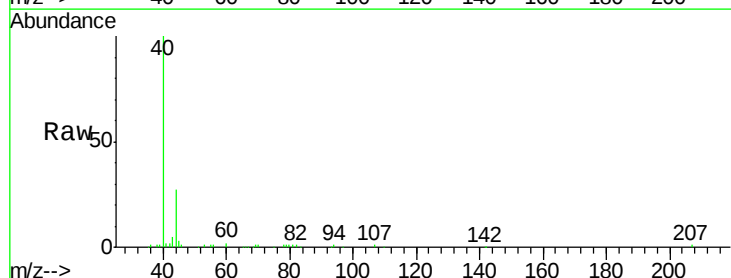
Tgt Ion:142 Resp: 299

Ion Ratio Lower Upper

142 100

127 0.0 30.3 45.5#

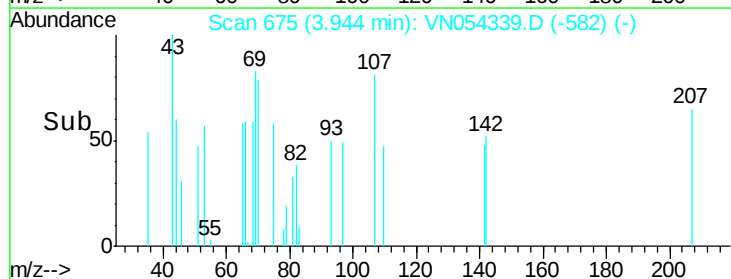
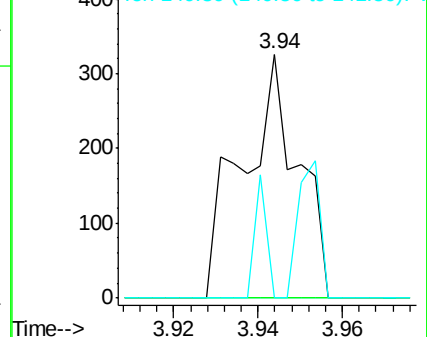
141 10.7 11.2 16.8#

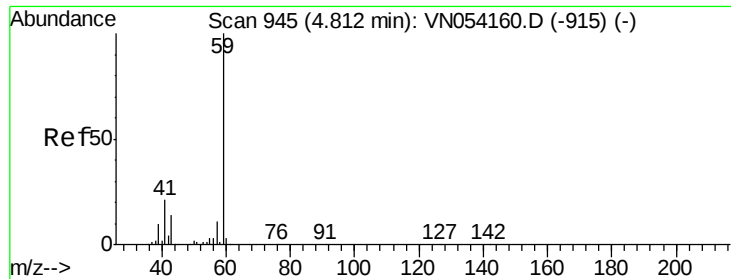


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



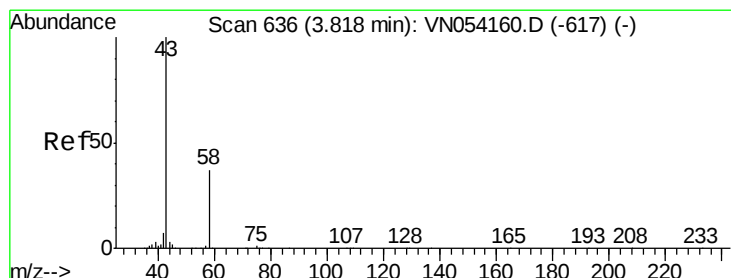
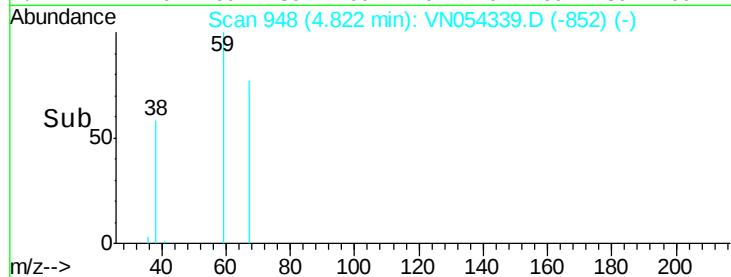
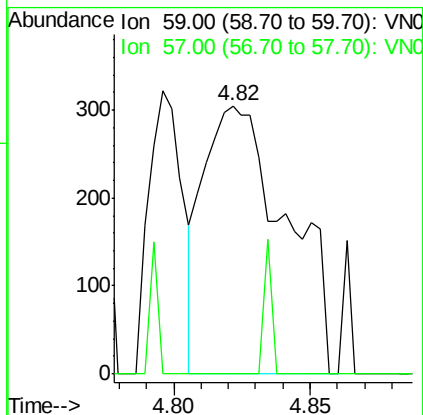
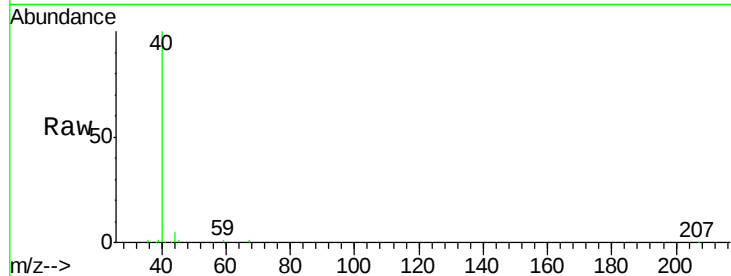


#11

Tert butyl alcohol
 Concen: 0.475 ug/l
 RT: 4.82 min Scan# 948
 Delta R.T. 0.01 min
 Lab File: VN054339.D
 Acq: 16 Mar 2019 16:18

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-031519-02

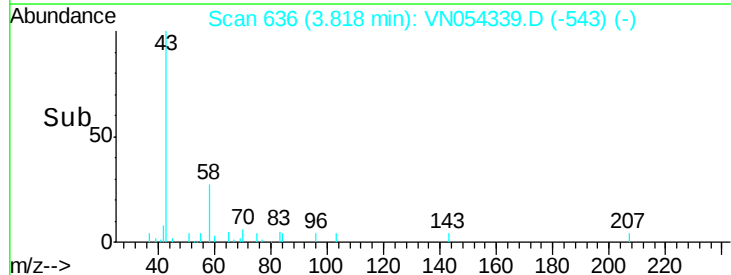
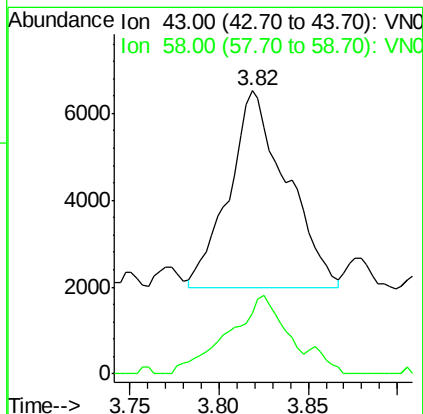
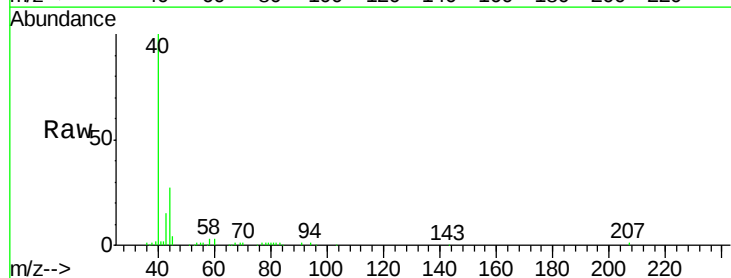
Tot Ion: 59 Resp: 643
 Ion Ratio Lower Upper
 59 100
 57 4.7 9.0 13.6#

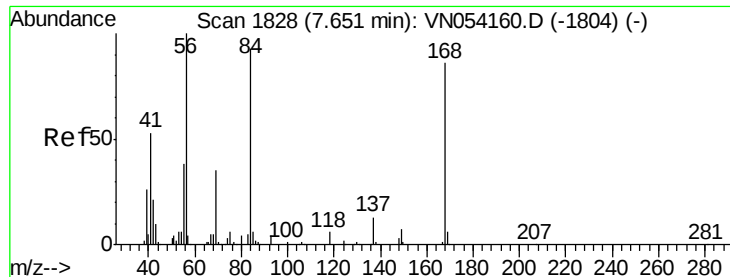


#16

Acetone
 Concen: 1.801 ug/l
 RT: 3.82 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: VN054339.D
 Acq: 16 Mar 2019 16:18

Tgt Ion: 43 Resp: 10171
 Ion Ratio Lower Upper
 43 100
 58 28.4 29.9 44.9#

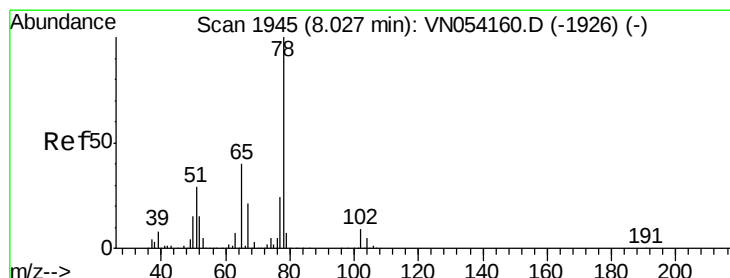
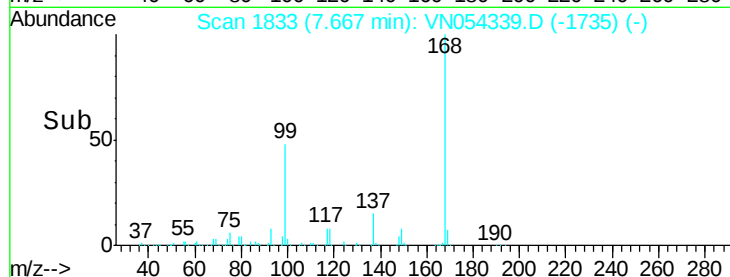
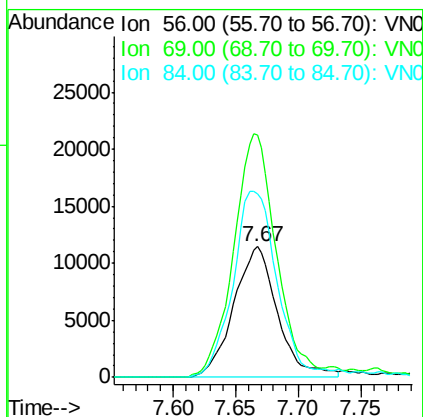
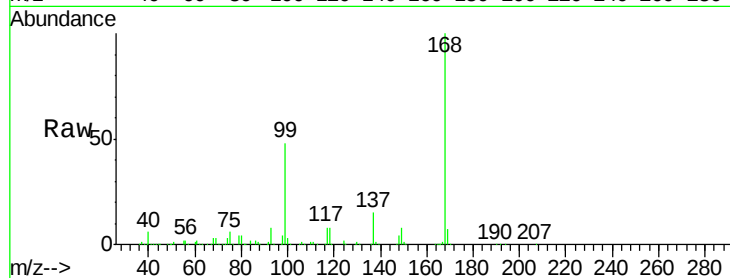




#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN054339.D
Acq: 16 Mar 2019 16:18

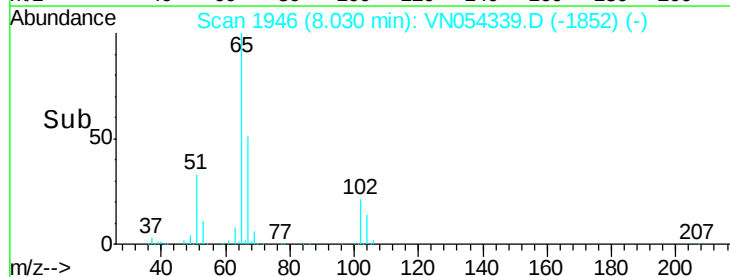
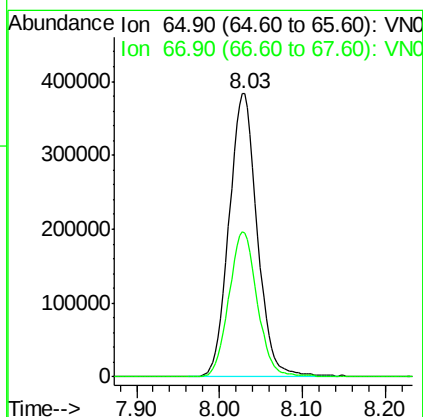
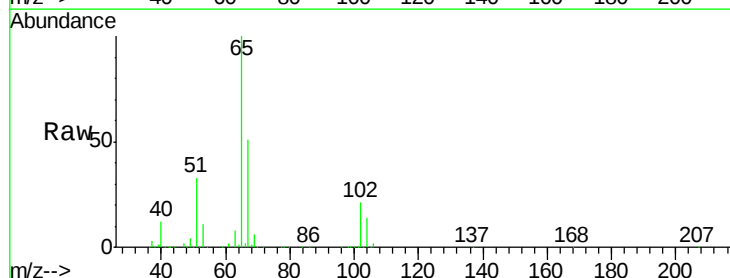
Instrument :
MSVOA_N
ClientSampled :
FB-031519-02

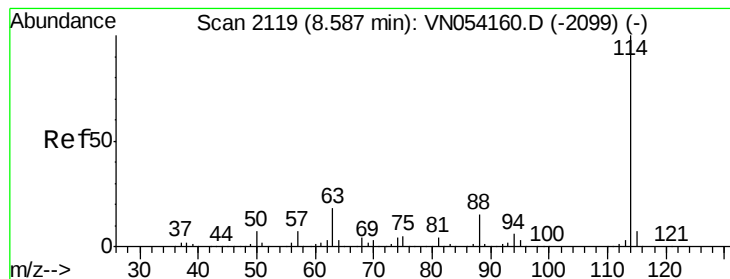
Tot Ion: 56 Resp: 27953
Ion Ratio Lower Upper
56 100
69 185.8 27.8 41.6#
84 140.2 74.6 111.8#



#33
1,2-Dichloroethane-d4
Concen: 46.118 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054339.D
Acq: 16 Mar 2019 16:18

Tgt Ion: 65 Resp: 909847
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054339.D

Acq: 16 Mar 2019 16:18

Instrument :

MSVOA_N

ClientSampleId :

FB-031519-02

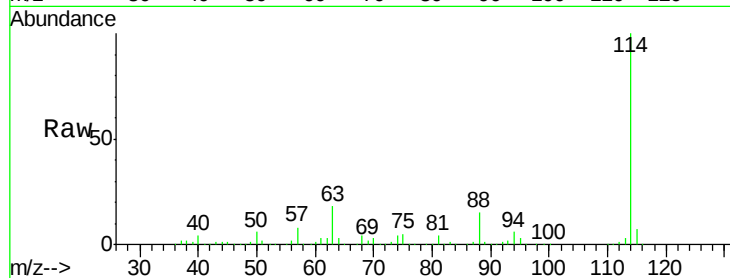
Tot Ion:114 Resp: 2642877

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.2

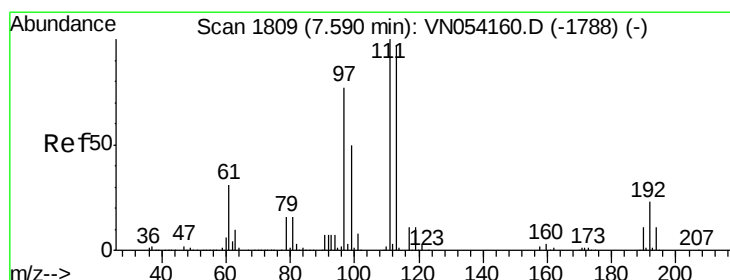
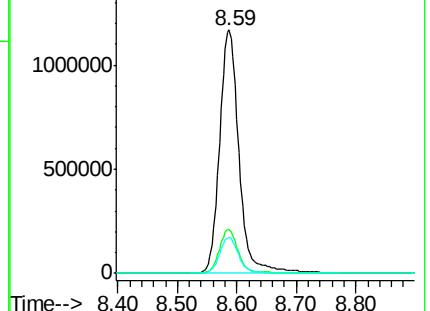
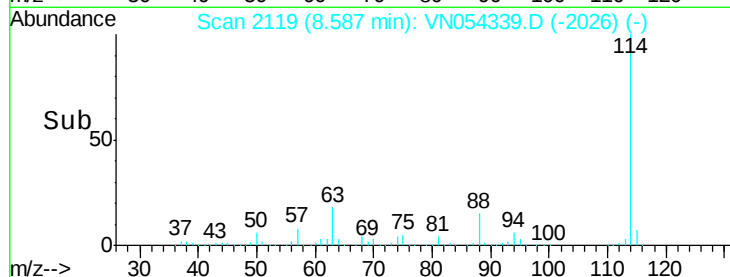
88 14.9 0.0 30.2



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: 47.780 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054339.D

Acq: 16 Mar 2019 16:18

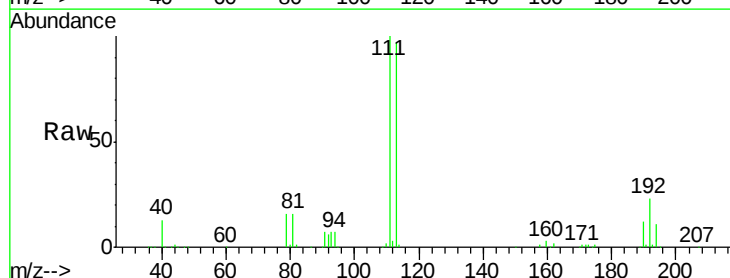
Tgt Ion:113 Resp: 814426

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

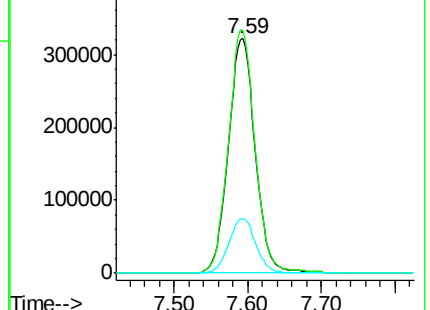
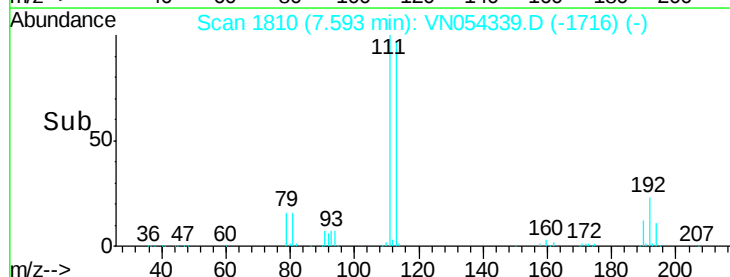
192 23.3 19.2 28.8

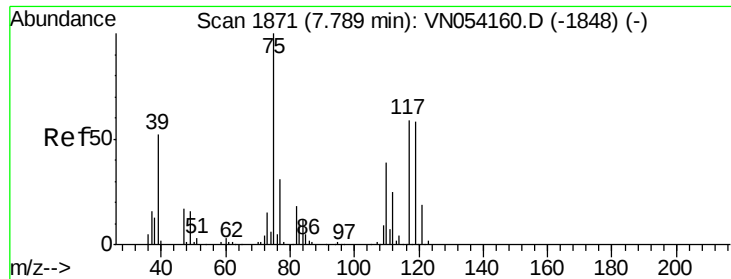


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

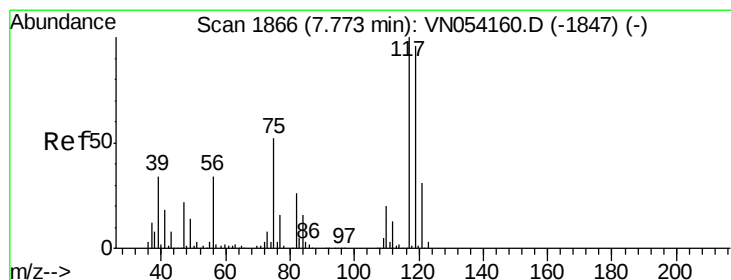
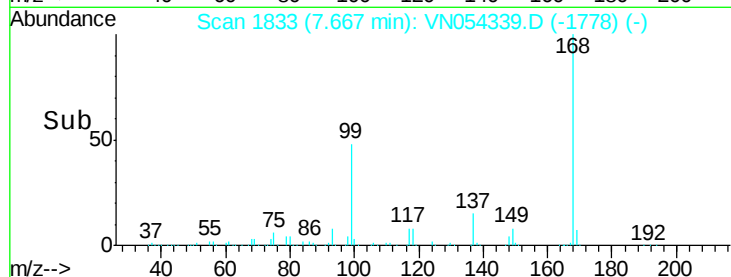
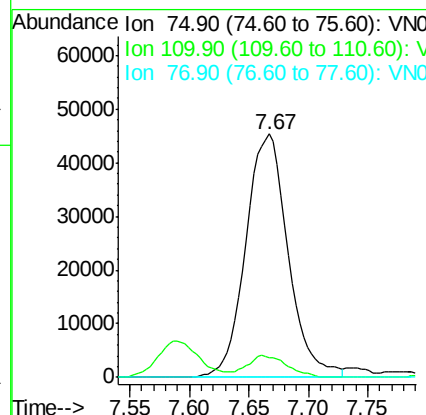
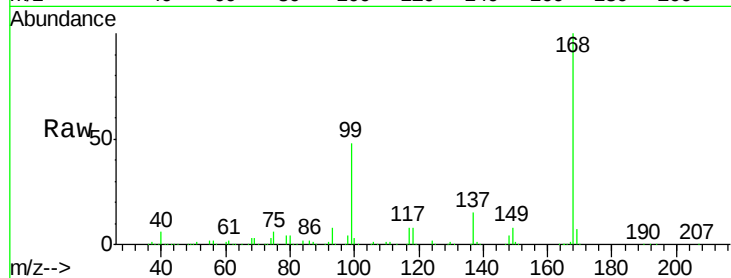




#36
 1,1-Dichloropropene
 Concen: 4.605 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN054339.D
 Acq: 16 Mar 2019 16:18

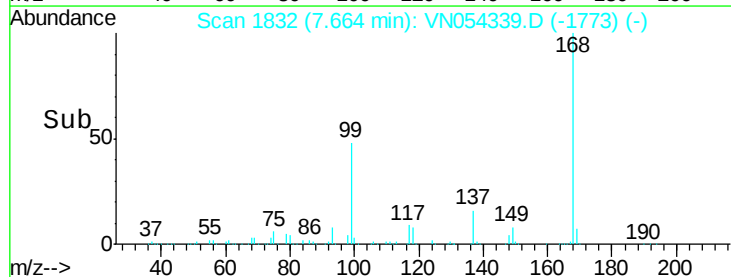
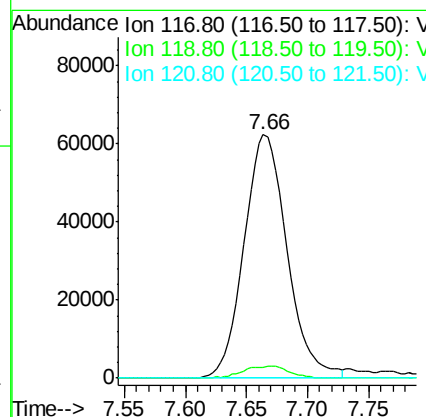
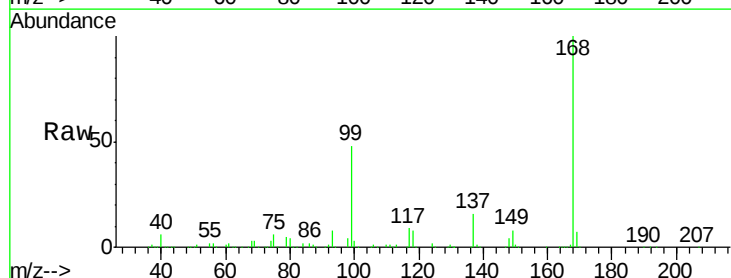
Instrument :
 MSVOA_N
 ClientSampleId :
 FB-031519-02

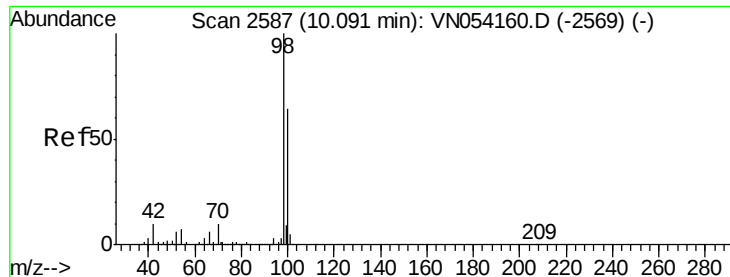
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.5	19.1	57.5#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.969 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN054339.D
 Acq: 16 Mar 2019 16:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	76.3	114.5#
121	0.0	24.6	36.8#





#50

Toluene-d8

Concen: 48.386 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054339.D

Acq: 16 Mar 2019 16:18

Instrument :

MSVOA_N

ClientSampleId :

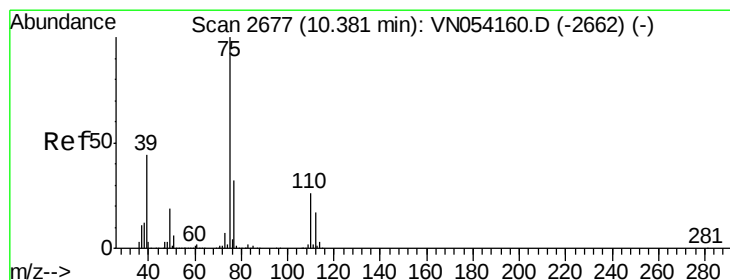
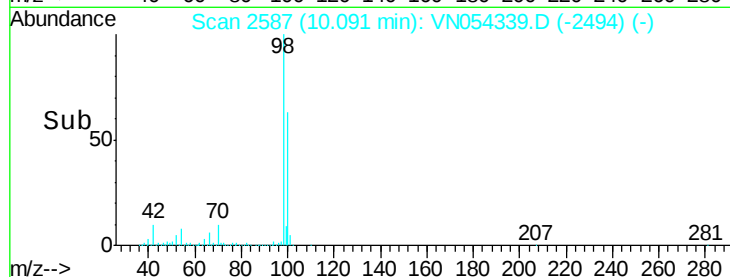
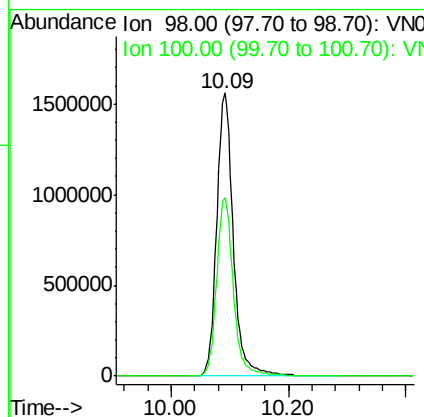
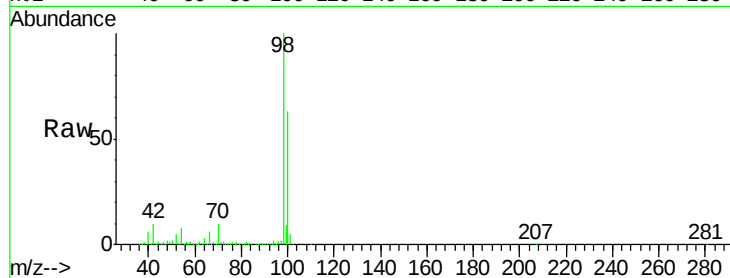
FB-031519-02

Tot Ion: 98 Resp: 3045963

Ion Ratio Lower Upper

98 100

100 63.6 51.2 76.8



#53

t-1,3-Dichloropropene

Concen: 2.003 ug/l

RT: 10.10 min Scan# 2589

Delta R.T. -0.28 min

Lab File: VN054339.D

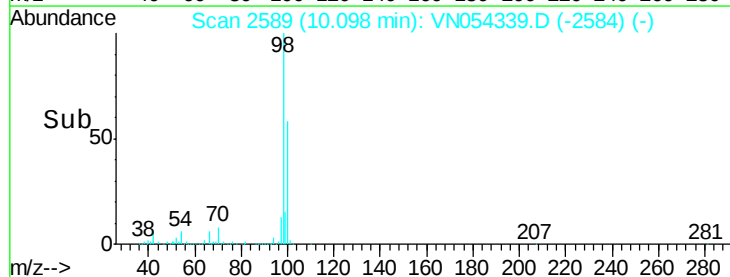
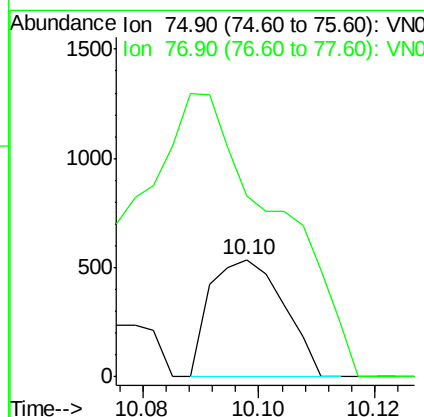
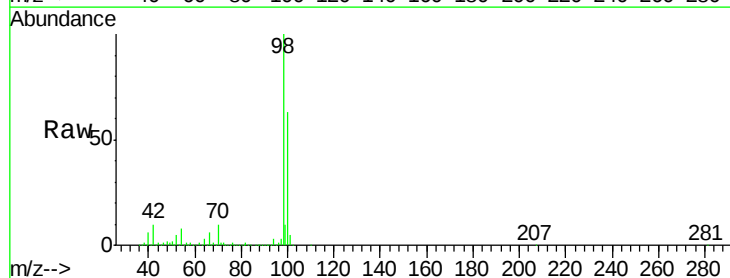
Acq: 16 Mar 2019 16:18

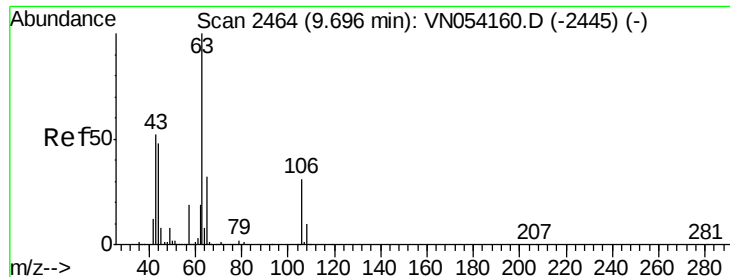
Tgt Ion: 75 Resp: 472

Ion Ratio Lower Upper

75 100

77 108.0 25.8 38.8#





#58

2-Chloroethyl Vinyl ether

Concen: 16.832 ug/l

RT: 9.63 min Scan# 2445

Delta R.T. -0.06 min

Lab File: VN054339.D

Acq: 16 Mar 2019 16:18

Instrument :

MSVOA_N

ClientSampleId :

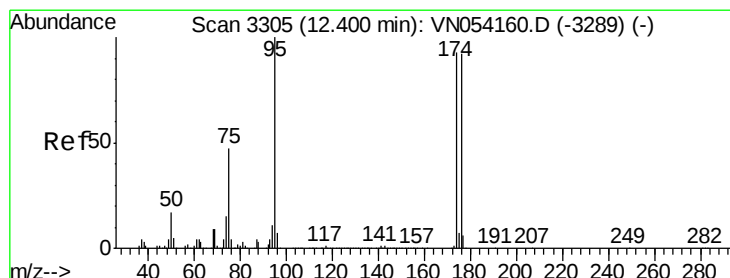
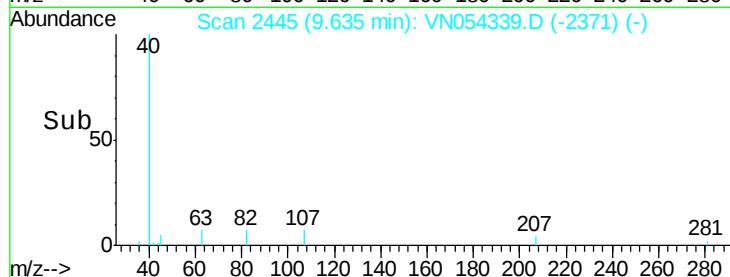
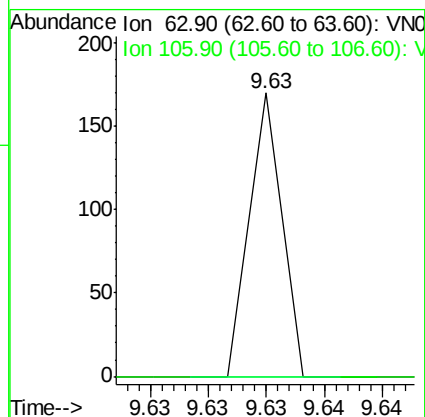
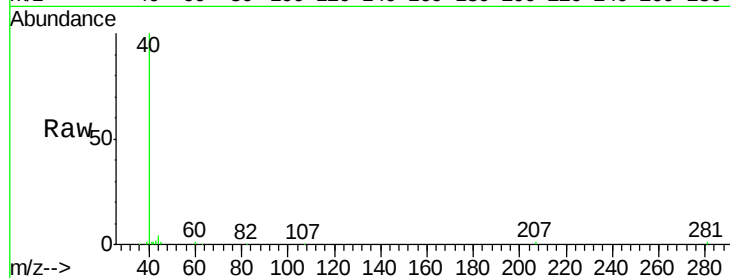
FB-031519-02

Tot Ion: 63 Resp: 33

Ion Ratio Lower Upper

63 100

106 0.0 24.4 36.6#



#62

4-Bromofluorobenzene

Concen: 39.639 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054339.D

Acq: 16 Mar 2019 16:18

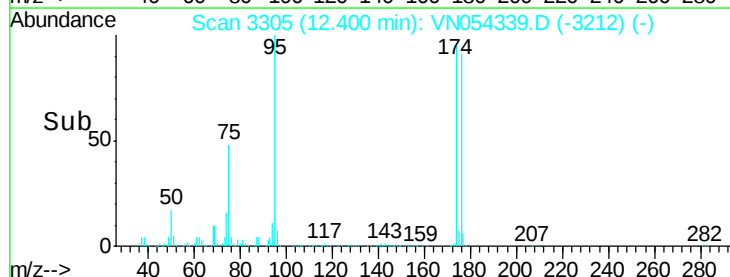
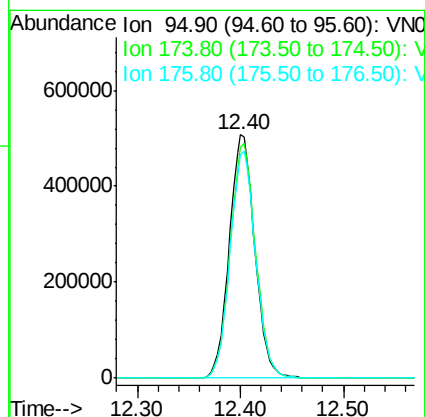
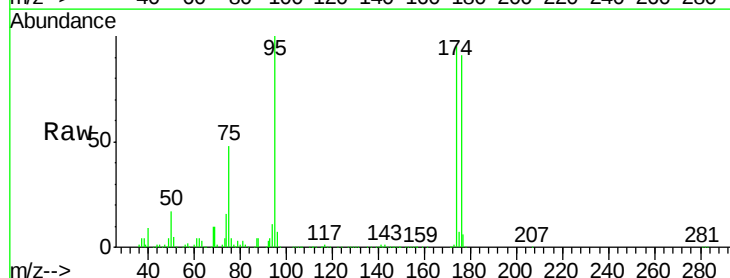
Tgt Ion: 95 Resp: 873123

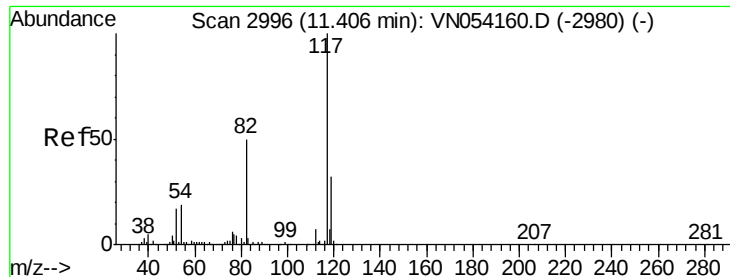
Ion Ratio Lower Upper

95 100

174 96.8 0.0 191.0

176 93.6 0.0 187.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054339.D

Acq: 16 Mar 2019 16:18

Instrument :

MSVOA_N

ClientSampleId :

FB-031519-02

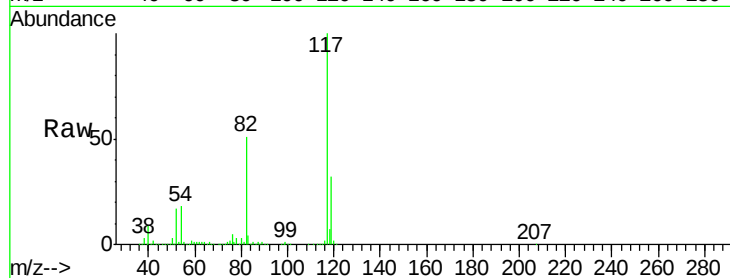
Tot Ion:117 Resp: 2162306

Ion Ratio Lower Upper

117 100

82 51.1 40.0 60.0

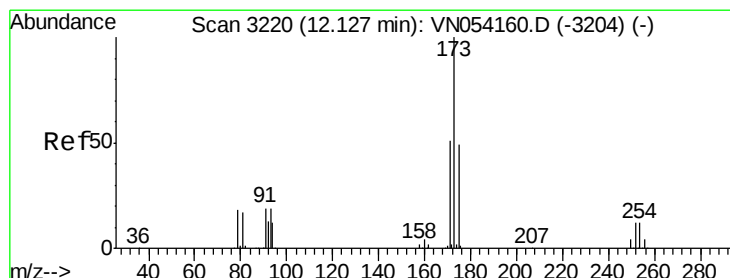
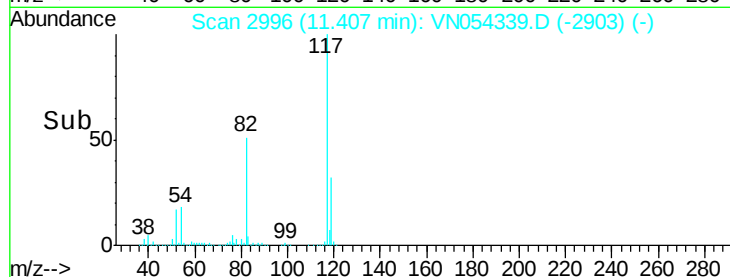
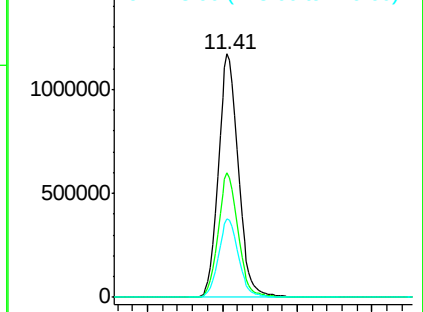
119 32.4 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#71

Bromoform

Concen: 2.761 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN054339.D

Acq: 16 Mar 2019 16:18

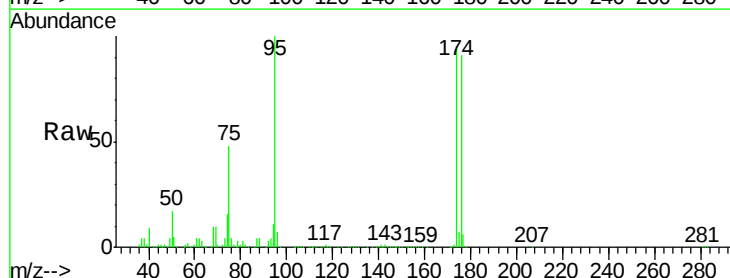
Tgt Ion:173 Resp: 5657

Ion Ratio Lower Upper

173 100

175 906.9 24.4 73.2#

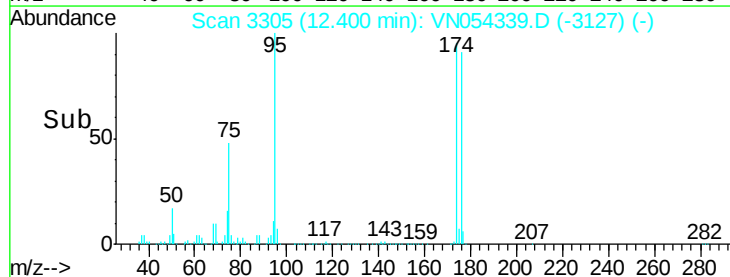
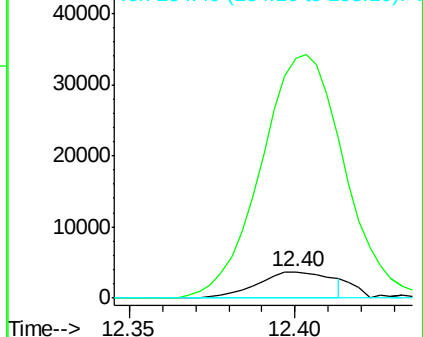
254 0.0 0.1 0.1#

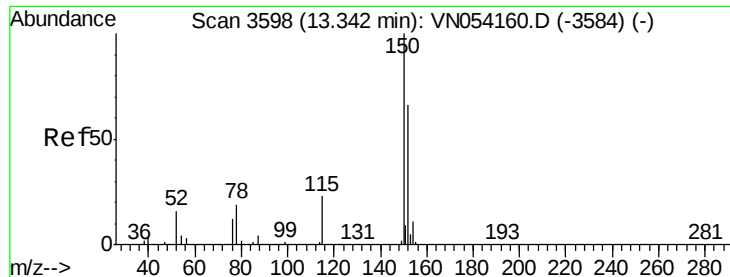


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054339.D

Acq: 16 Mar 2019 16:18

Instrument :

MSVOA_N

ClientSampleId :

FB-031519-02

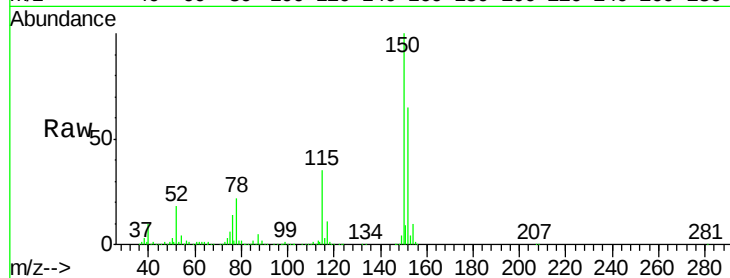
Tot Ion:152 Resp: 747824

Ion Ratio Lower Upper

152 100

115 54.7 27.2 81.6

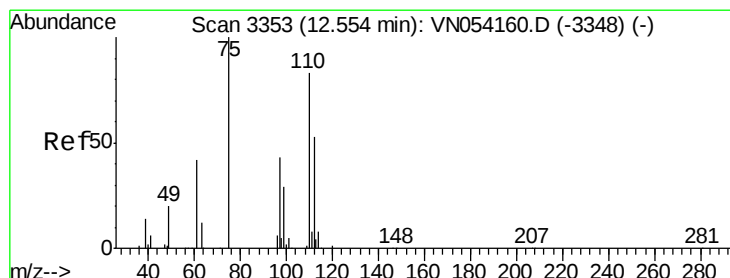
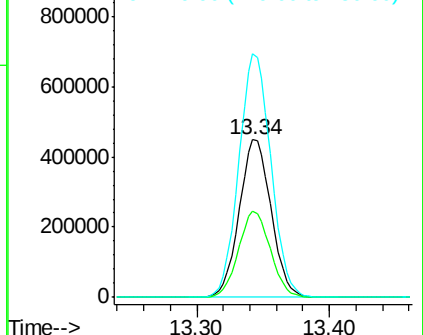
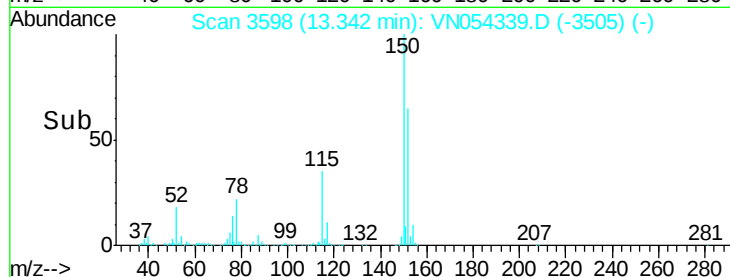
150 155.4 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 37.707 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054339.D

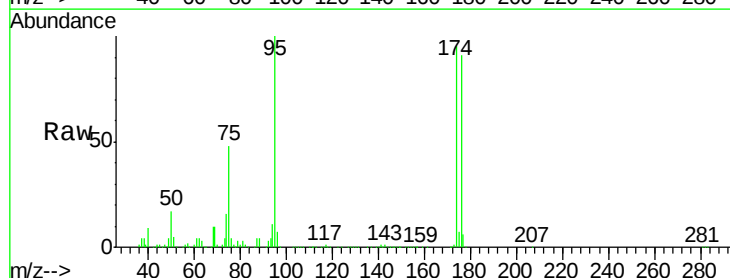
Acq: 16 Mar 2019 16:18

Tgt Ion: 75 Resp: 414667

Ion Ratio Lower Upper

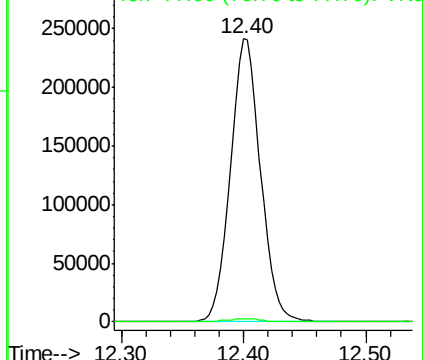
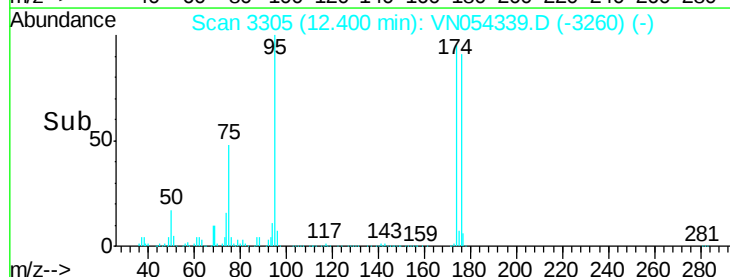
75 100

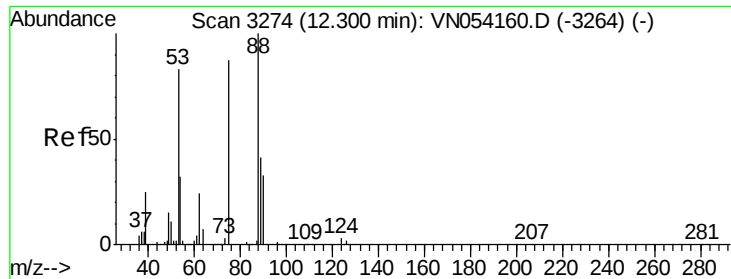
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

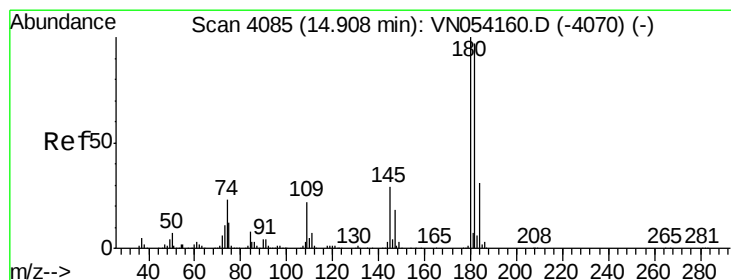
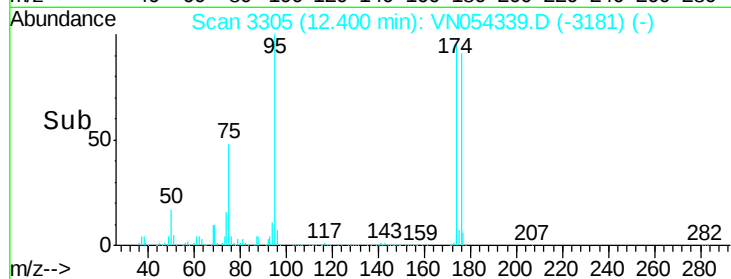
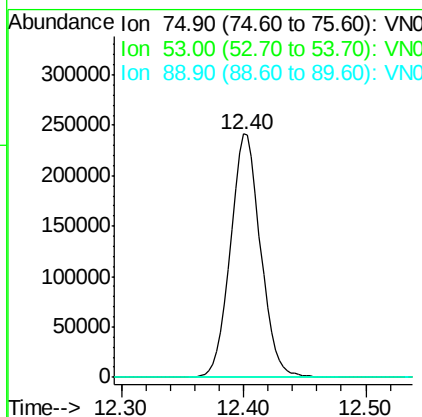
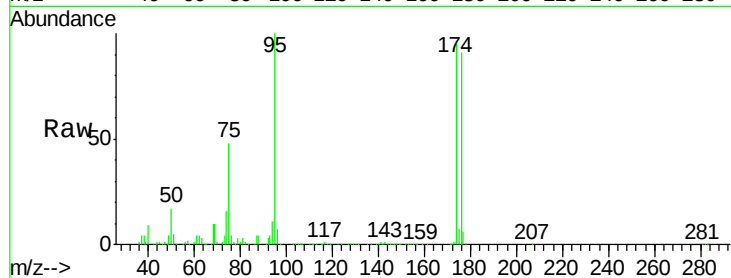




#81
trans-1,4-Dichloro-2-butene
Concen: 128.899 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN054339.D
Acq: 16 Mar 2019 16:18

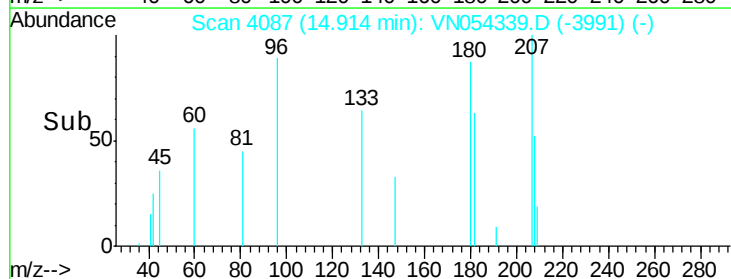
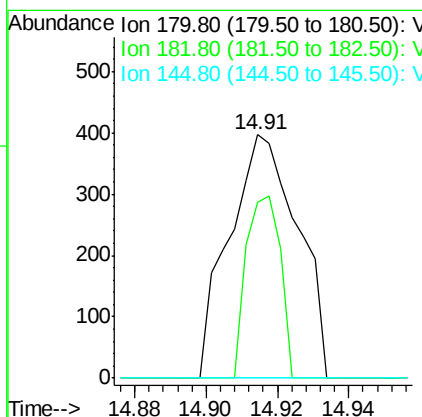
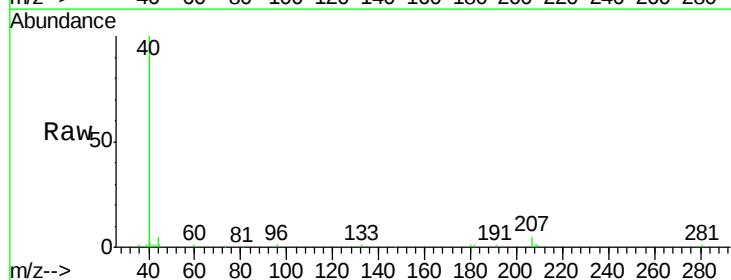
Instrument :
MSVOA_N
ClientSampleId :
FB-031519-02

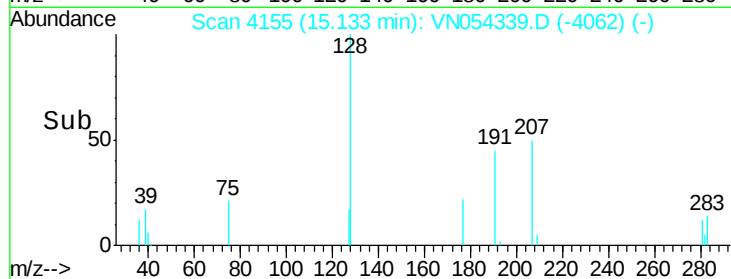
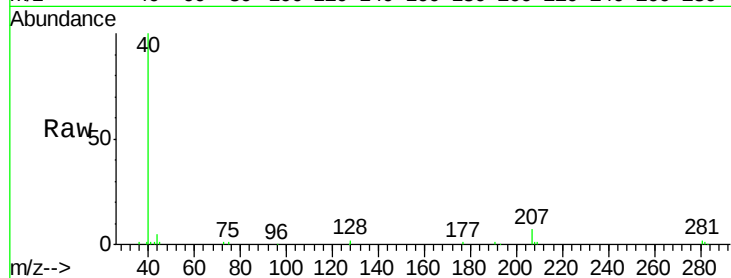
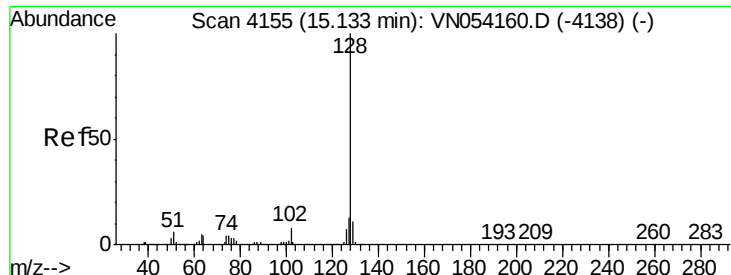
Tot Ion: 75 Resp: 414667
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.2#
89 0.0 39.2 58.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.548 ug/l
RT: 14.91 min Scan# 4087
Delta R.T. 0.01 min
Lab File: VN054339.D
Acq: 16 Mar 2019 16:18

Tgt Ion: 180 Resp: 526
Ion Ratio Lower Upper
180 100
182 37.1 48.0 144.2#
145 0.0 14.2 42.8#





#95

Naphthalene

Concen: 3.520 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054339.D

Acq: 16 Mar 2019 16:18

Instrument :

MSVOA_N

ClientSampleId :

FB-031519-02

Tot Ion:128 Resp: 1785

Ion Ratio Lower Upper

128 100

127 6.8 10.1 15.1#

129 1.7 8.7 13.1#

