

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032419\
 Data File : VN054647.D
 Acq On : 24 Mar 2019 14:48
 Operator : JC/SP
 Sample : K2047-09
 Misc : 6.49g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 25 06:13:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	539831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	862477	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	762297	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	342551	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	346460	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
35) Dibromofluoromethane	7.59	113	257747	46.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.78%	
50) Toluene-d8	10.09	98	1048670	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.40	95	350146	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	

Target Compounds

						Qvalue
4) Vinyl Chloride	2.19	62	254433	36.092	ug/l	98
11) Tert butyl alcohol	4.73	59	898	2.209	ug/l #	70
12) 1,1-Dichloroethene	3.73	96	3217	0.618	ug/l	82
13) Acrolein	3.61	56	193	0.344	ug/l #	77
18) Methyl Acetate	4.34	43	3117	0.693	ug/l #	63
20) Methylene Chloride	4.54	84	4979	0.837	ug/l	96
21) trans-1,2-Dichloroethene	5.02	96	20030	3.767	ug/l	94
24) 1,1-Dichloroethane	5.83	63	31598	3.034	ug/l	96
27) cis-1,2-Dichloroethene	6.82	96	621420	97.989	ug/l	97
31) Cyclohexane	7.65	56	14216	Below Cal	#	56
36) 1,1-Dichloropropene	7.66	75	41373	5.130	ug/l #	48
38) Carbon Tetrachloride	7.66	117	50623	6.460	ug/l #	16
39) Methylcyclohexane	9.07	83	7539	0.817	ug/l #	84
40) Benzene	8.04	78	6736	0.292	ug/l	92
42) 1,2-Dichloroethane	8.13	62	7352	0.875	ug/l	100
44) Trichloroethene	8.83	130	74409	11.606	ug/l	90
52) Toluene	10.16	92	8554	0.603	ug/l	97
53) t-1,3-Dichloropropene	10.25	75	117	2.246	ug/l #	42
60) Dibromochloromethane	10.63	129	9758	1.799	ug/l #	11
64) Tetrachloroethene	10.63	164	10406	1.646	ug/l	94
65) Chlorobenzene	11.44	112	39272	2.533	ug/l	98
67) Ethyl Benzene	11.51	91	5541	0.202	ug/l #	78
68) m/p-Xylenes	11.63	106	6509	0.627	ug/l	79
69) o-Xylene	11.95	106	5667	0.559	ug/l	87
71) Bromoform	12.20	173	102	2.246	ug/l #	28
76) 1,2,3-Trichloropropane	12.40	75	180931	33.285	ug/l #	100
77) Bromobenzene	12.53	156	1503	0.220	ug/l #	7
80) 1,3,5-Trimethylbenzene	12.73	105	10021	0.443	ug/l	84
81) trans-1,4-Dichloro-2-buten	12.40	75	180931	110.639	ug/l #	11
87) 1,3-Dichlorobenzene	13.28	146	84164	7.419	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	312774	28.335	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	1619871	147.413	ug/l	97
93) 1,2,4-Trichlorobenzene	14.91	180	10209	1.864	ug/l #	91
95) Naphthalene	15.13	128	3396	0.278	ug/l #	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032419\
Data File : VN054647.D
Acq On : 24 Mar 2019 14:48
Operator : JC/SP
Sample : K2047-09
Misc : 6.49g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Mar 25 06:13:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration

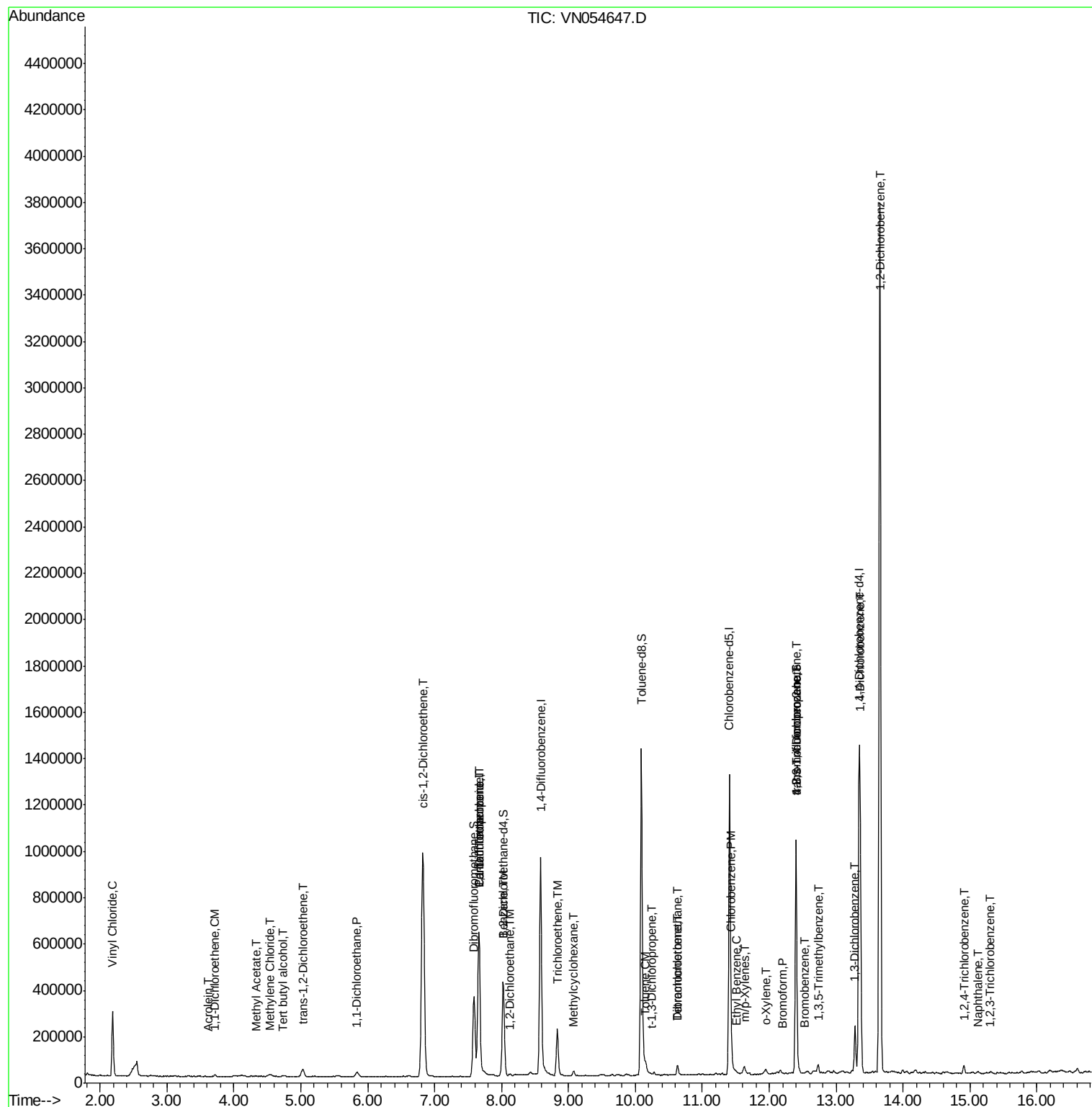
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.32	180	2409	0.442	ug/l	91

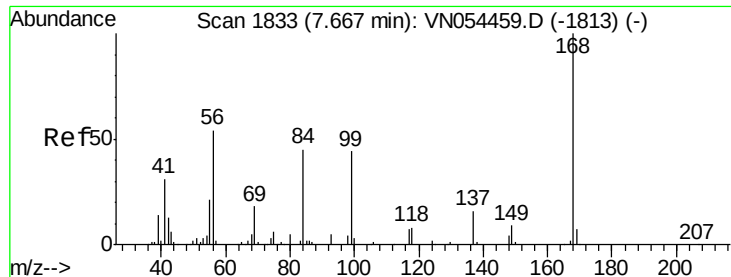
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032419\
Data File : VN054647.D
Acq On : 24 Mar 2019 14:48
Operator : JC/SP
Sample : K2047-09
Misc : 6.49µ/5mL/100µL/5.00mL/MSVOA_N/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Mar 25 06:13:28 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054647.D

Acq: 24 Mar 2019 14:48

Instrument :

MSVOA_N

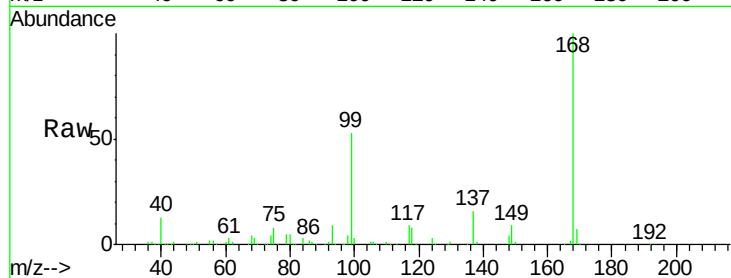
ClientSampleId :

Tot Ion:168 Resp: 539831

Ion Ratio Lower Upper

168 100

99 52.9 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

250000

200000

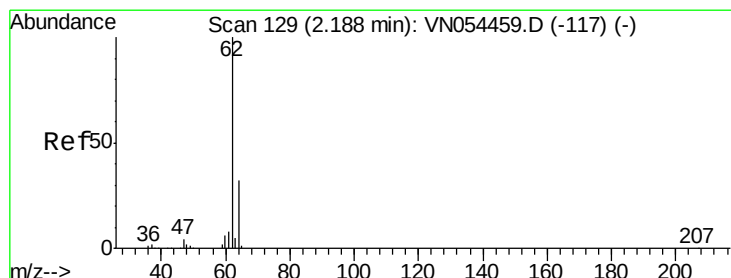
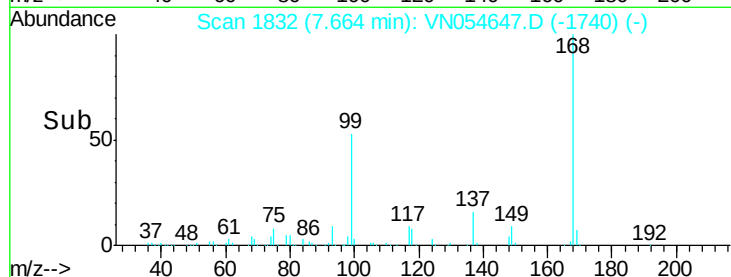
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 36.092 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN054647.D

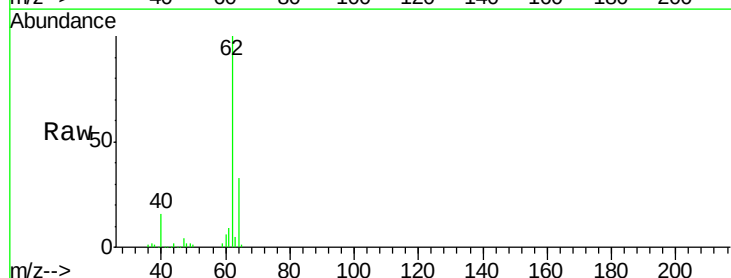
Acq: 24 Mar 2019 14:48

Tgt Ion: 62 Resp: 254433

Ion Ratio Lower Upper

62 100

64 33.0 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.19

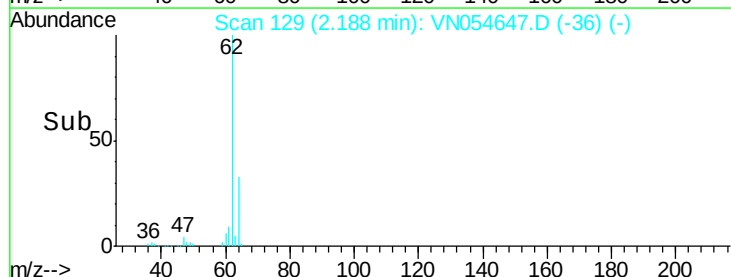
150000

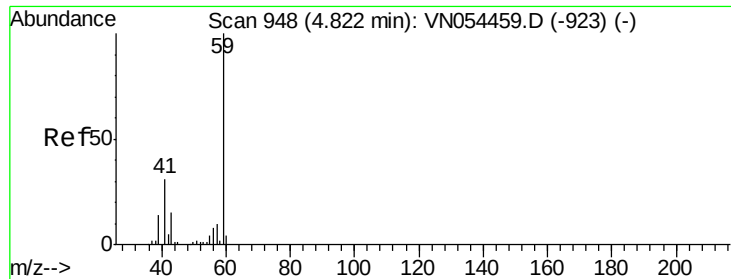
100000

50000

0

Time-->



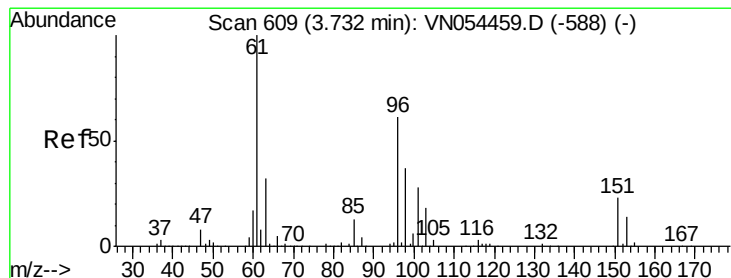
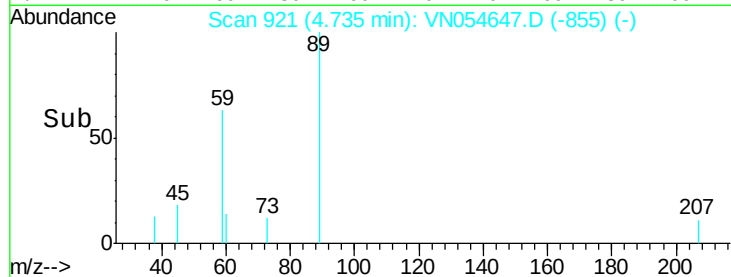
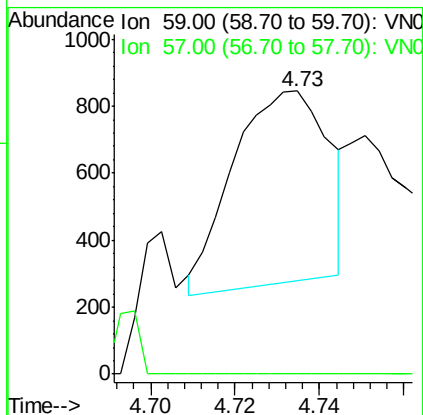
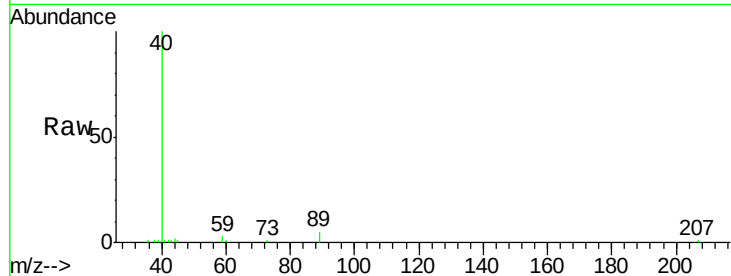


#11

Tert butyl alcohol
Concen: 2.209 ug/l
RT: 4.73 min Scan# 921
Delta R.T. -0.09 min
Lab File: VN054647.D
Acq: 24 Mar 2019 14:48

Instrument :
MSVOA_N
ClientSampled :

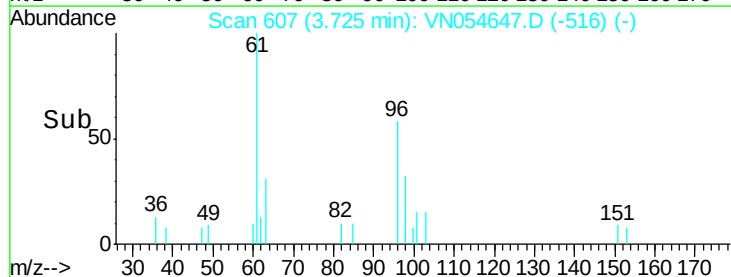
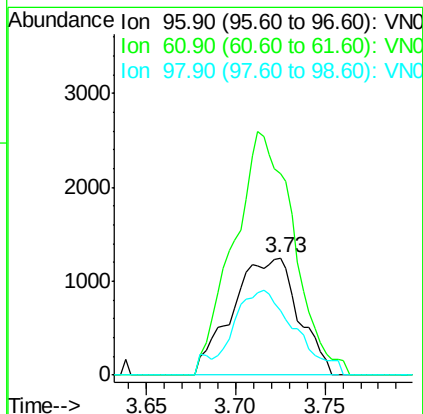
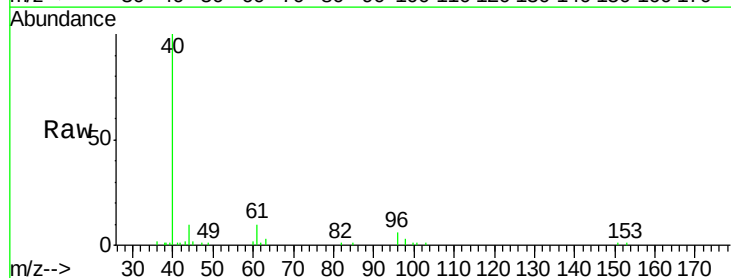
Tot Ion: 59 Resp: 898
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.6#

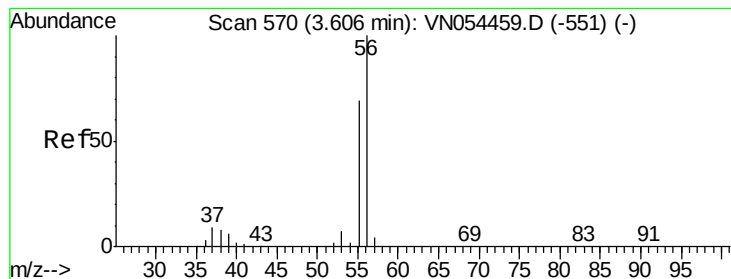


#12

1,1-Dichloroethene
Concen: 0.618 ug/l
RT: 3.73 min Scan# 607
Delta R.T. -0.01 min
Lab File: VN054647.D
Acq: 24 Mar 2019 14:48

Tgt Ion: 96 Resp: 3217
Ion Ratio Lower Upper
96 100
61 172.2 116.5 174.7
98 55.3 51.0 76.4





#13

Acrolein

Concen: 0.344 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN054647.D

Acq: 24 Mar 2019 14:48

Instrument :

MSVOA_N

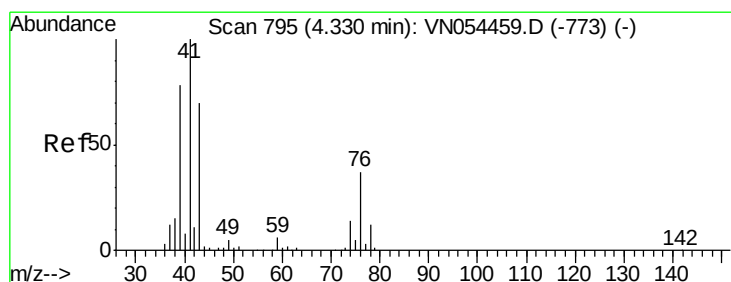
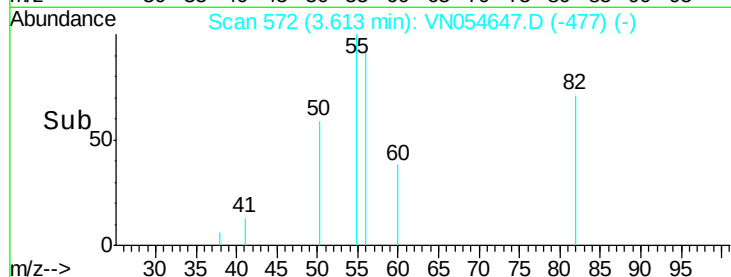
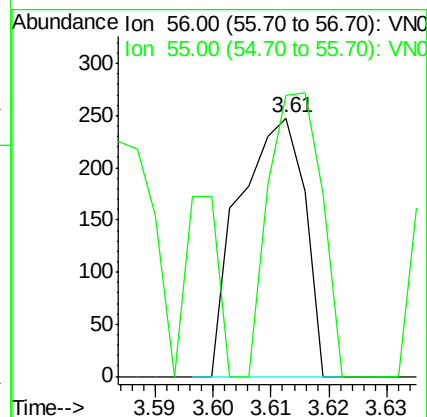
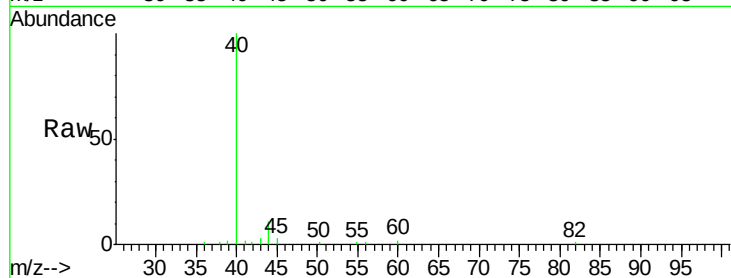
ClientSampled :

Tot Ion: 56 Resp: 193

Ion Ratio Lower Upper

56 100

55 90.2 56.7 85.1#



#18

Methyl Acetate

Concen: 0.693 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.01 min

Lab File: VN054647.D

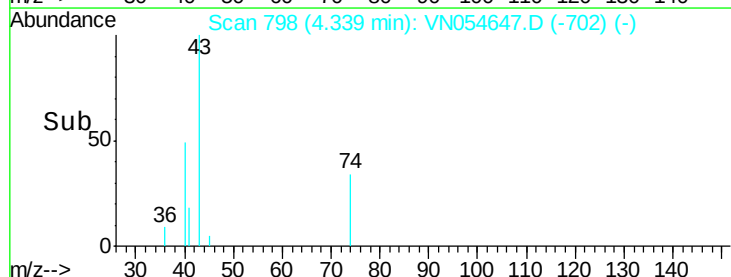
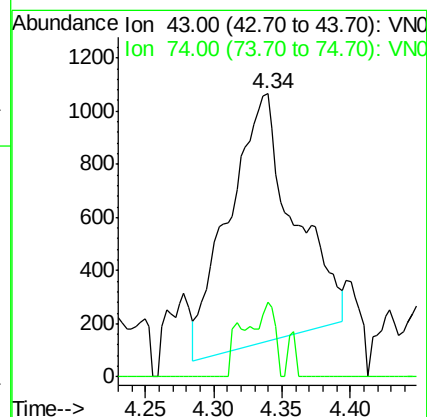
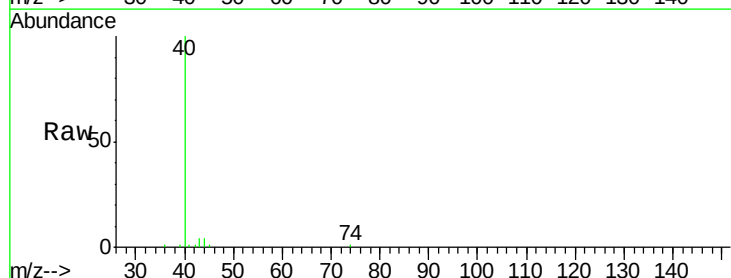
Acq: 24 Mar 2019 14:48

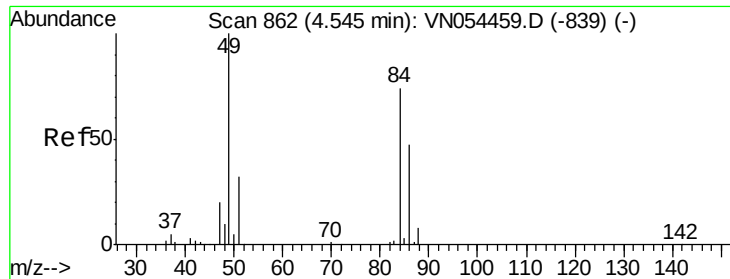
Tgt Ion: 43 Resp: 3117

Ion Ratio Lower Upper

43 100

74 7.1 20.8 31.2#

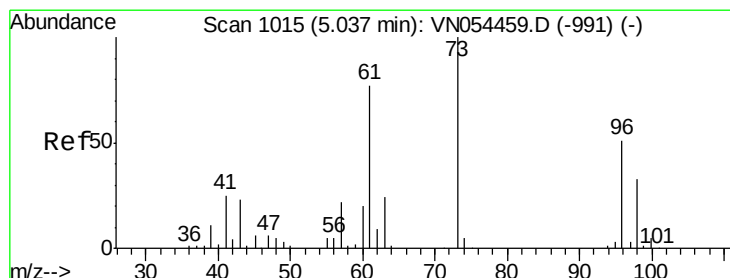
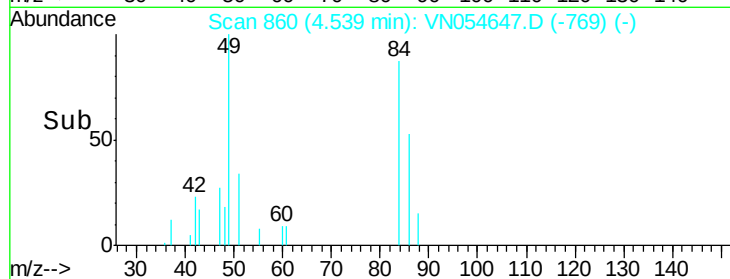
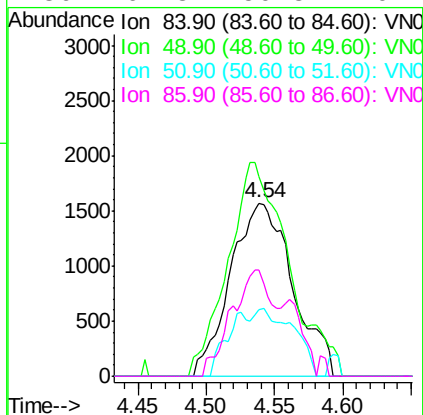
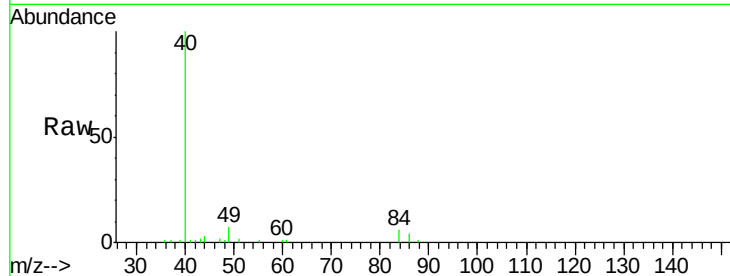




#20
Methylene Chloride
Concen: 0.837 ug/l
RT: 4.54 min Scan# 860
Delta R.T. -0.01 min
Lab File: VN054647.D
Acq: 24 Mar 2019 14:48

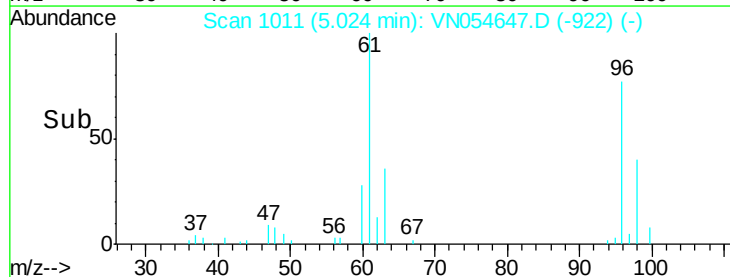
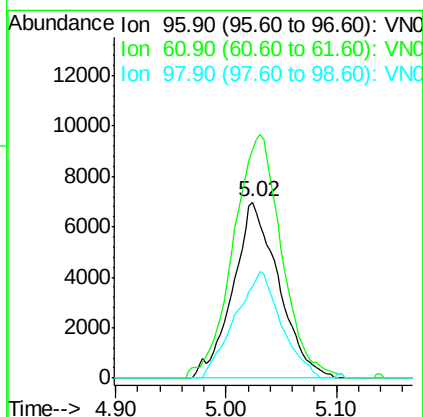
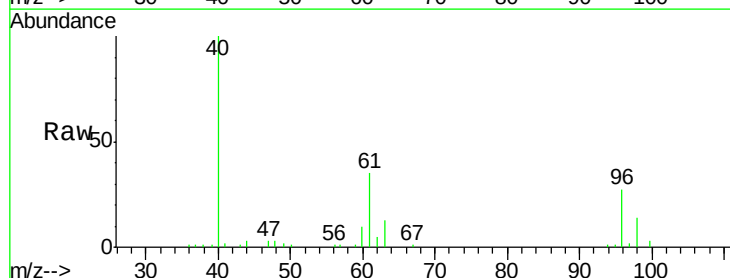
Instrument :
MSVOA_N
ClientSampled :

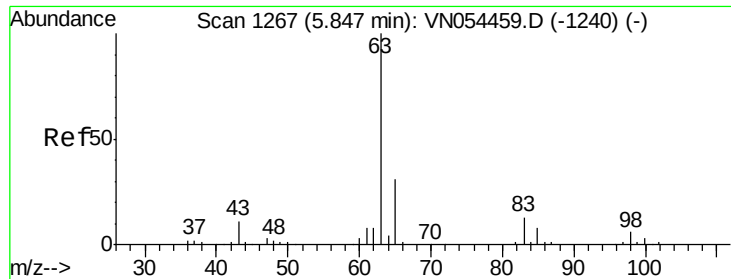
Tot Ion: 84 Resp: 4979
Ion Ratio Lower Upper
84 100
49 115.5 89.7 134.5
51 38.8 28.2 42.4
86 61.3 50.8 76.2



#21
trans-1,2-Dichloroethene
Concen: 3.767 ug/l
RT: 5.02 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VN054647.D
Acq: 24 Mar 2019 14:48

Tgt Ion: 96 Resp: 20030
Ion Ratio Lower Upper
96 100
61 126.5 102.8 154.2
98 52.0 50.0 75.0

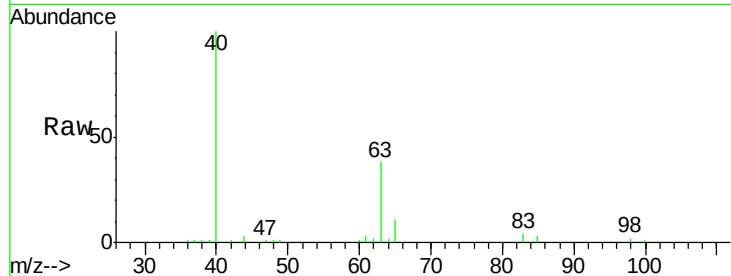




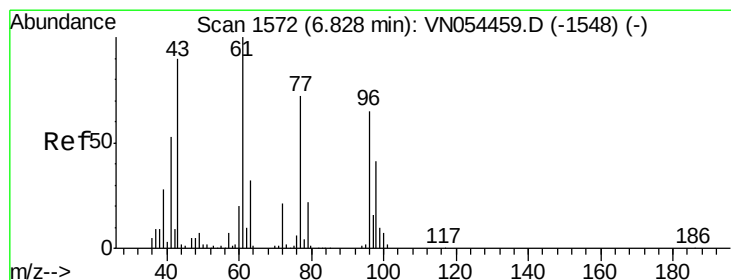
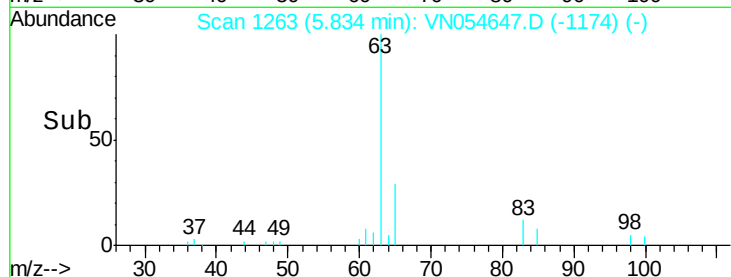
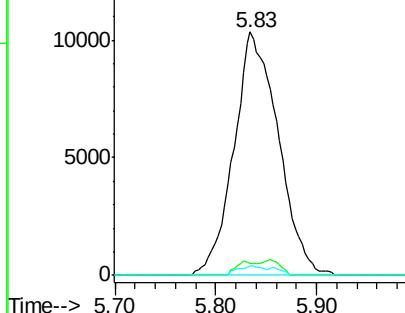
#24
 1,1-Dichloroethane
 Concen: 3.034 ug/l
 RT: 5.83 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: VN054647.D
 Acq: 24 Mar 2019 14:48

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 63 Resp: 31598
 Ion Ratio Lower Upper
 63 100
 98 5.1 3.5 10.5
 100 3.7 2.0 6.0

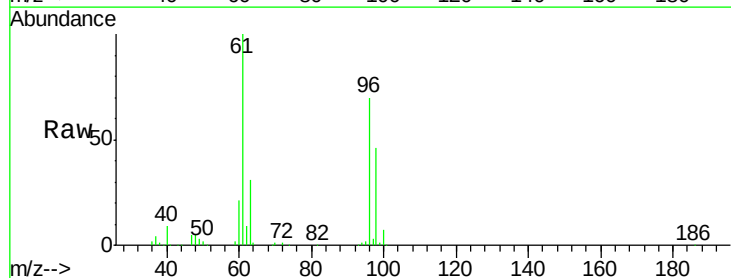


Abundance Ion 62.90 (62.60 to 63.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0
 Ion 99.90 (99.60 to 100.60): VN0

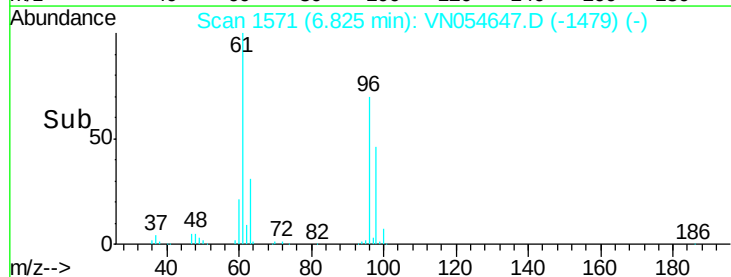
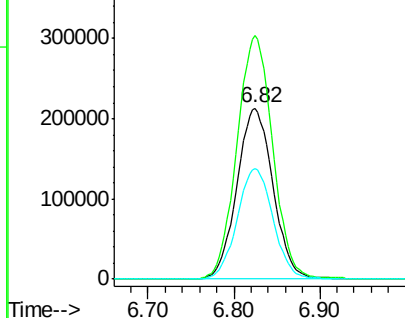


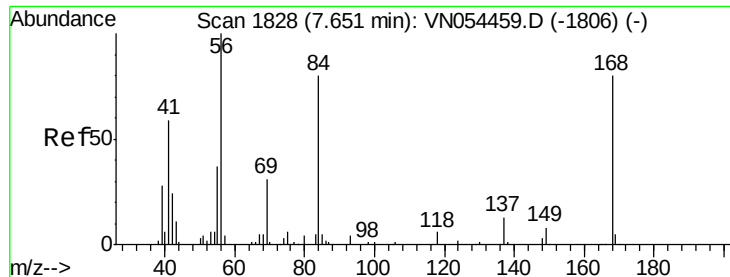
#27
 cis-1,2-Dichloroethene
 Concen: 97.989 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VN054647.D
 Acq: 24 Mar 2019 14:48

Tgt Ion: 96 Resp: 621420
 Ion Ratio Lower Upper
 96 100
 61 141.8 0.0 273.0
 98 64.4 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0





#31

Cyclohexane

Concen: Below Cal

RT: 7.65 min Scan# 1829

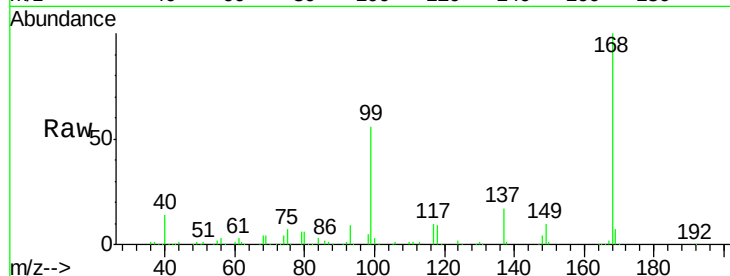
Delta R.T. 0.00 min

Lab File: VN054647.D

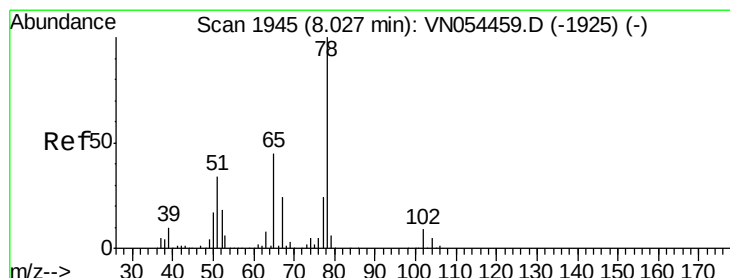
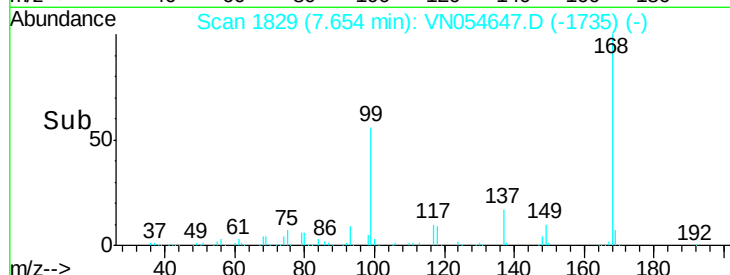
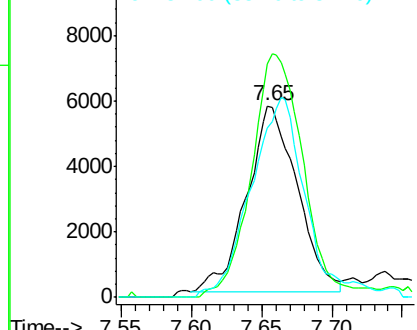
Acq: 24 Mar 2019 14:48

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 14216
Ion Ratio Lower Upper
56 100
69 125.5 27.8 41.6#
84 91.0 74.6 111.8



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: 51.598 ug/l

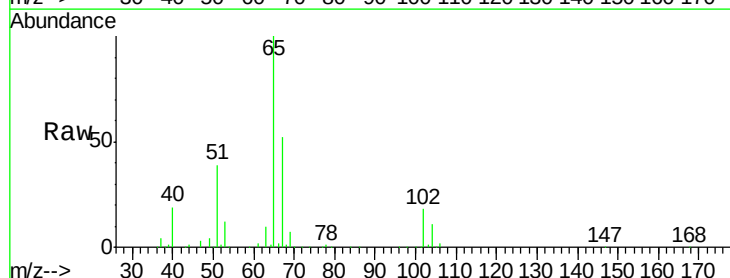
RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

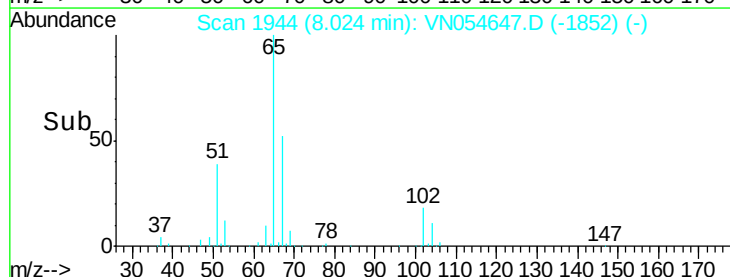
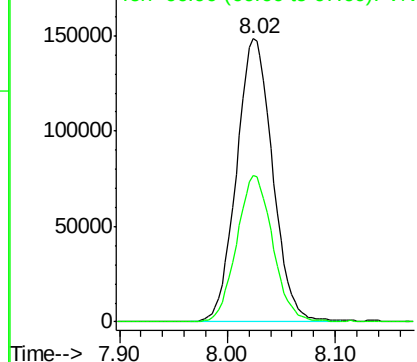
Lab File: VN054647.D

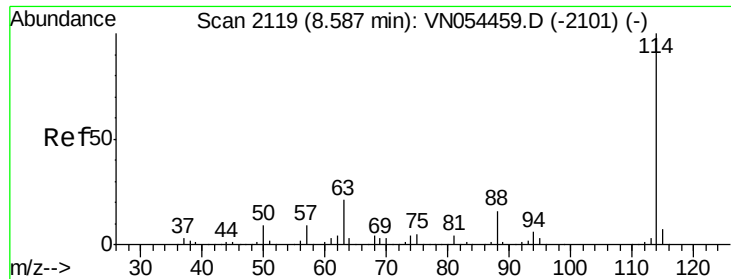
Acq: 24 Mar 2019 14:48

Tgt Ion: 65 Resp: 346460
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

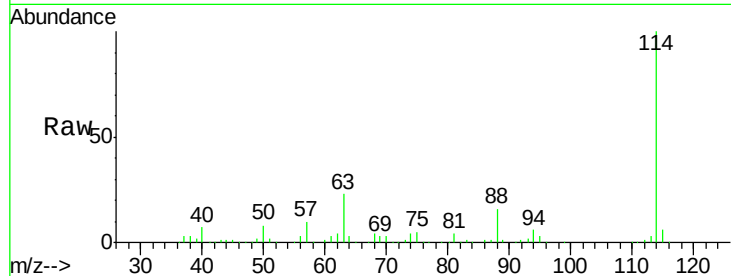




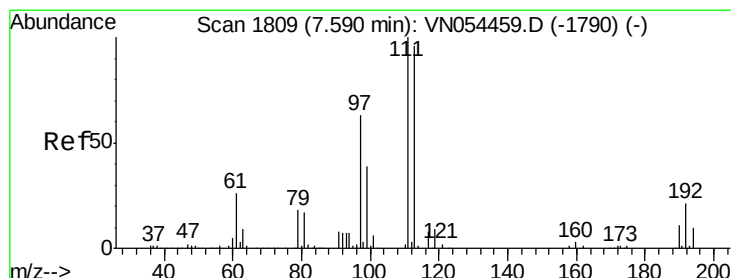
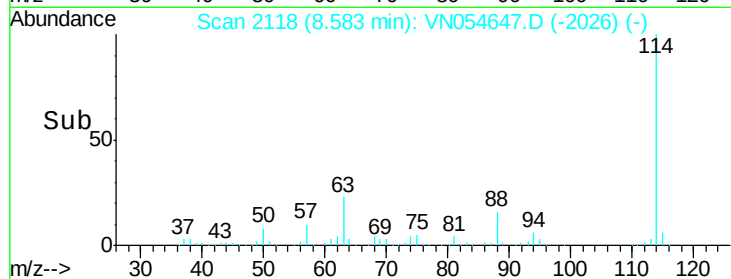
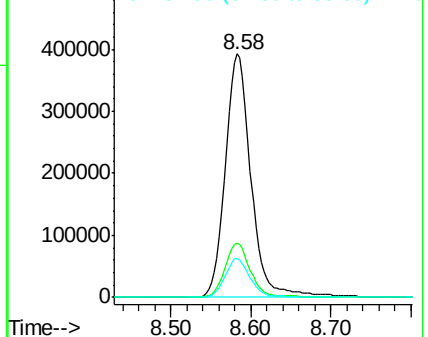
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN054647.D
Acq: 24 Mar 2019 14:48

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:114 Resp: 862477
Ion Ratio Lower Upper
114 100
63 22.5 0.0 35.2
88 16.1 0.0 30.2

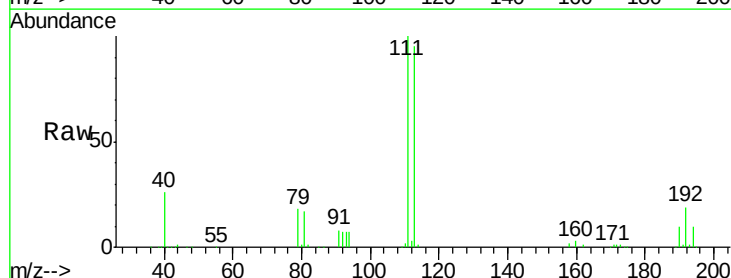


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

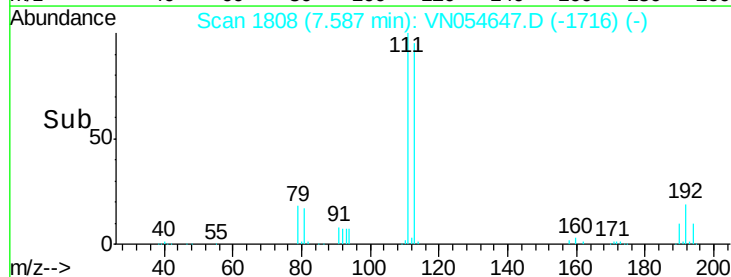
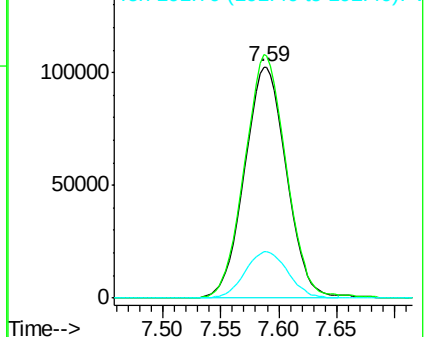


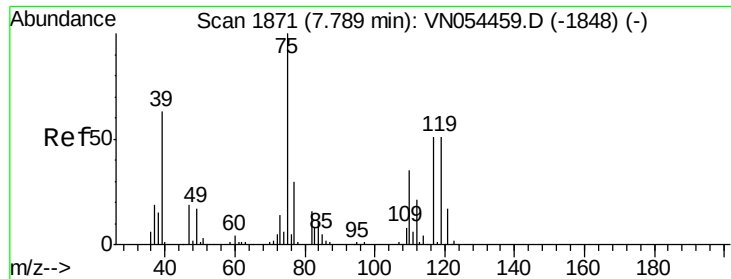
#35
Dibromofluoromethane
Concen: 46.387 ug/l
RT: 7.59 min Scan# 1808
Delta R.T. -0.00 min
Lab File: VN054647.D
Acq: 24 Mar 2019 14:48

Tgt Ion:113 Resp: 257747
Ion Ratio Lower Upper
113 100
111 104.6 82.2 123.4
192 20.6 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

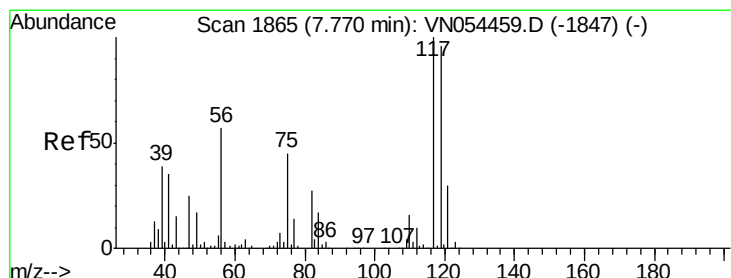
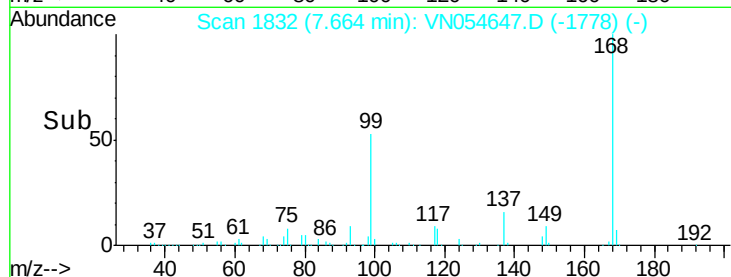
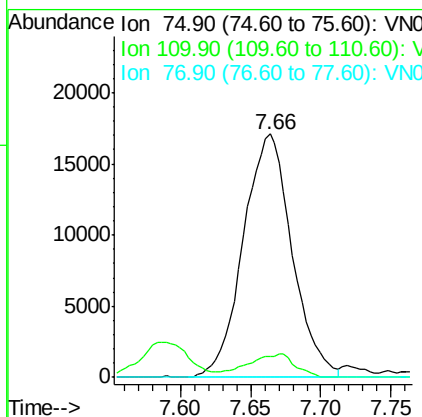
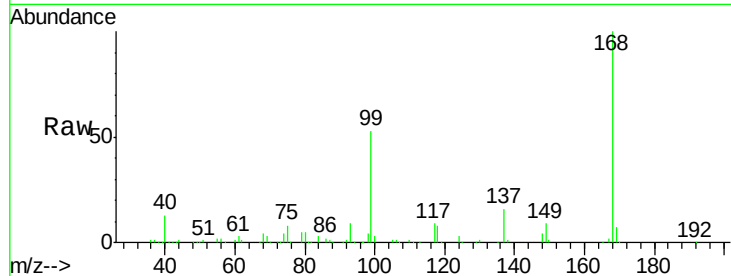




#36
 1,1-Dichloropropene
 Concen: 5.130 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054647.D
 Acq: 24 Mar 2019 14:48

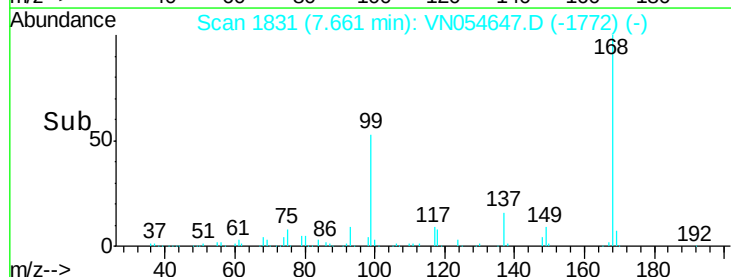
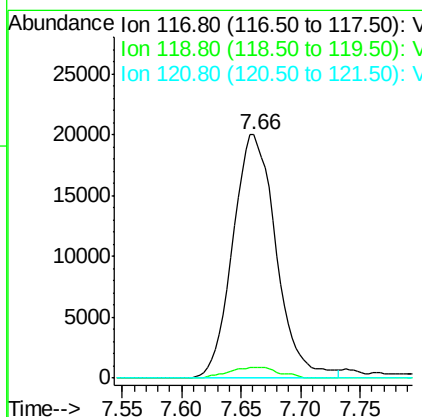
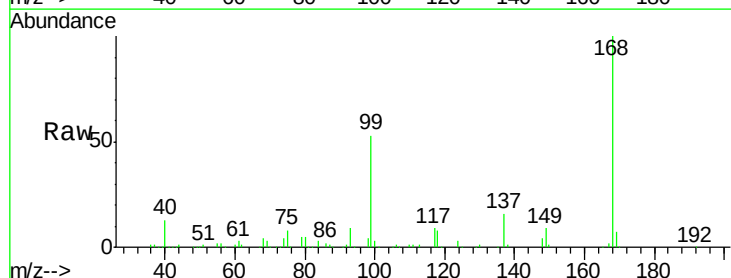
Instrument :
 MSVOA_N
 ClientSampleId :

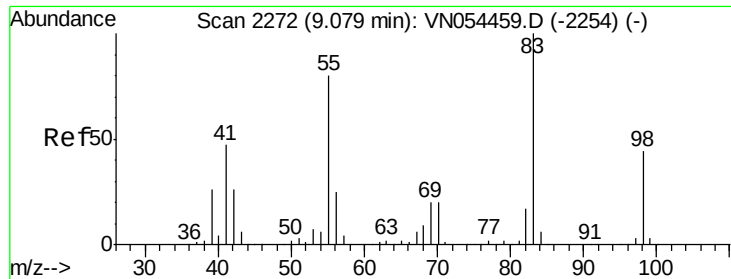
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.5	19.1	57.5#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.460 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.11 min
 Lab File: VN054647.D
 Acq: 24 Mar 2019 14:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.4	76.3	114.5#
121	0.0	24.6	36.8#

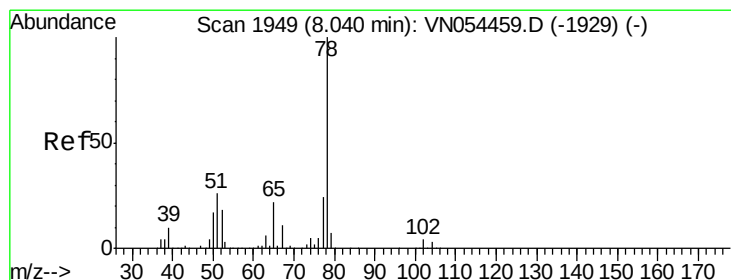
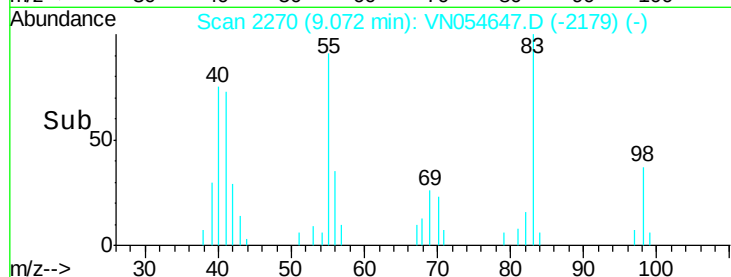
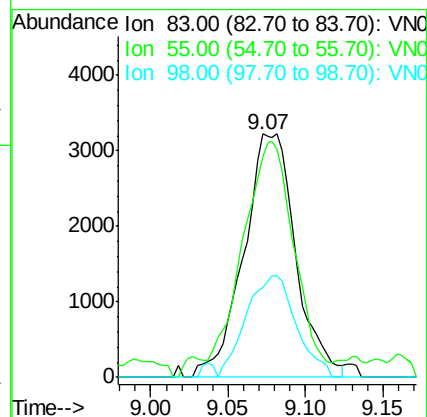
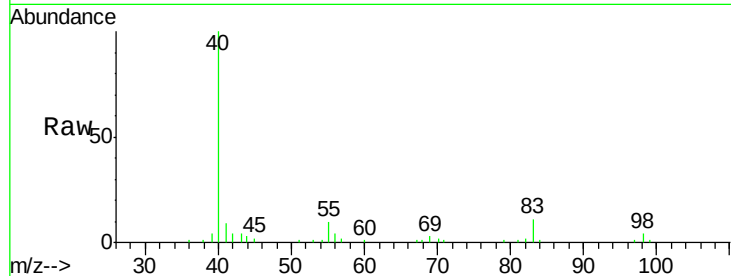




#39
Methylvlcyclohexane
Concen: 0.817 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. -0.01 min
Lab File: VN054647.D
Acq: 24 Mar 2019 14:48

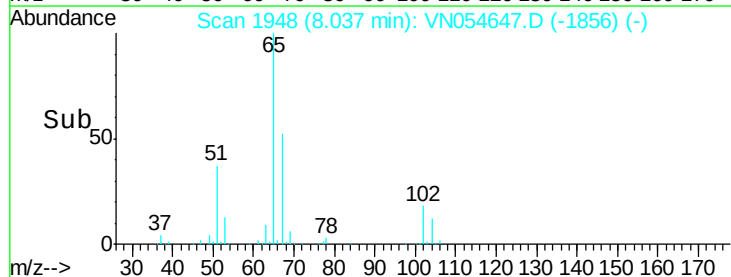
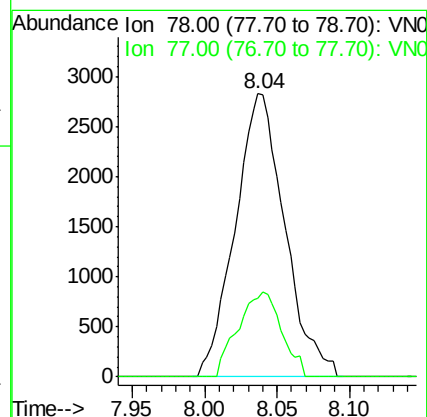
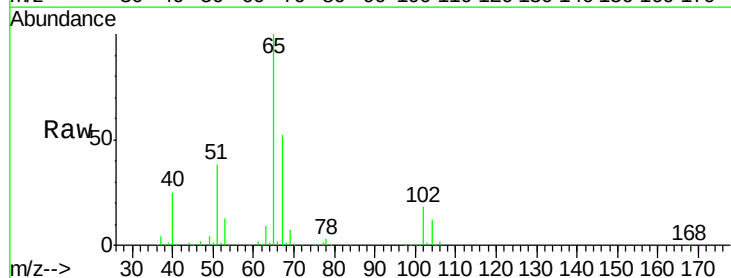
Instrument :
MSVOA_N
ClientSampleId :

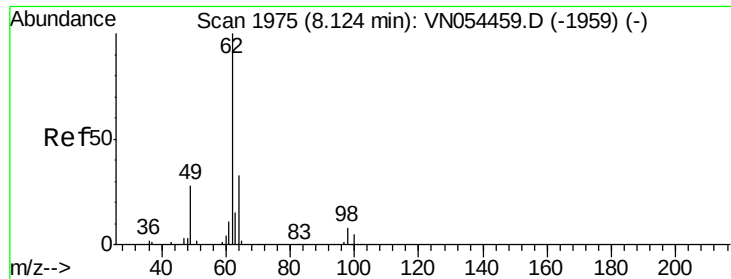
Tot Ion: 83 Resp: 7539
Ion Ratio Lower Upper
83 100
55 84.0 56.6 84.8
98 36.8 38.4 57.6#



#40
Benzene
Concen: 0.292 ug/l
RT: 8.04 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN054647.D
Acq: 24 Mar 2019 14:48

Tgt Ion: 78 Resp: 6736
Ion Ratio Lower Upper
78 100
77 27.7 19.1 28.7





#42

1,2-Dichloroethane

Concen: 0.875 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN054647.D

Acq: 24 Mar 2019 14:48

Instrument :

MSVOA_N

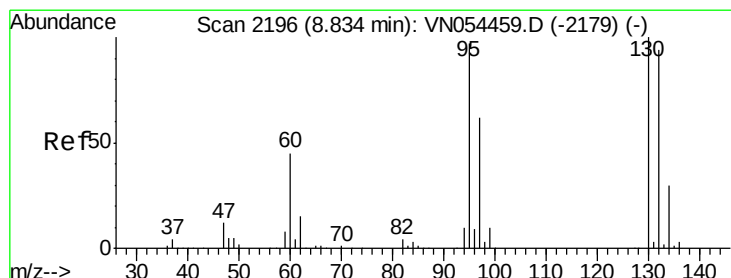
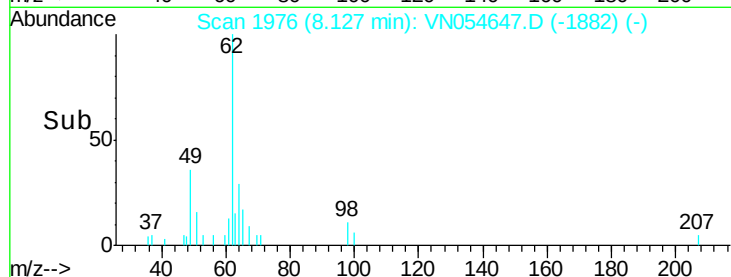
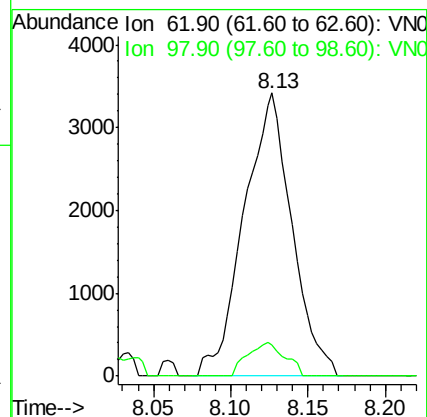
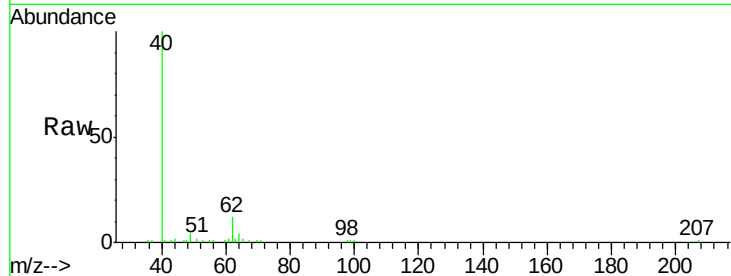
ClientSampleId :

Tot Ion: 62 Resp: 7352

Ion Ratio Lower Upper

62 100

98 9.3 0.0 18.4



#44

Trichloroethene

Concen: 11.606 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN054647.D

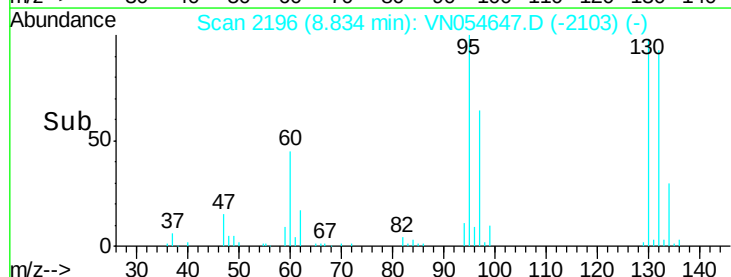
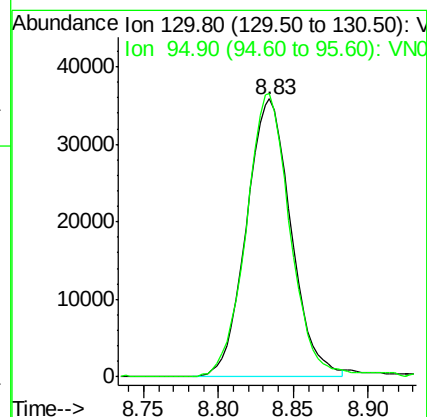
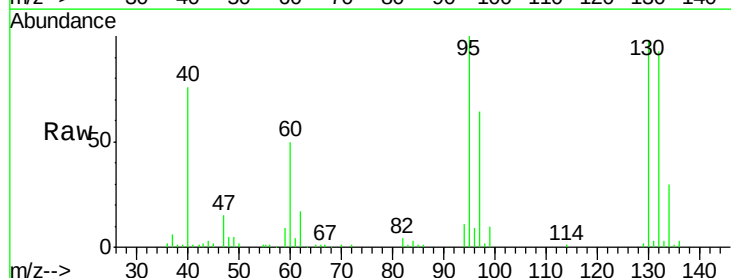
Acq: 24 Mar 2019 14:48

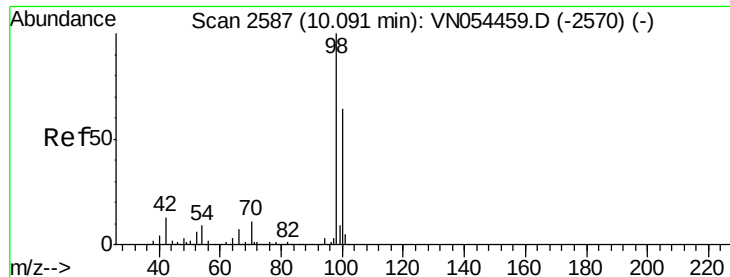
Tgt Ion: 130 Resp: 74409

Ion Ratio Lower Upper

130 100

95 101.9 0.0 185.2





#50

Toluene-d8

Concen: 50.202 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN054647.D

Acq: 24 Mar 2019 14:48

Instrument :

MSVOA_N

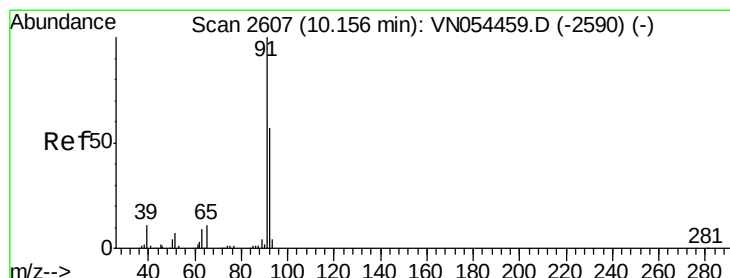
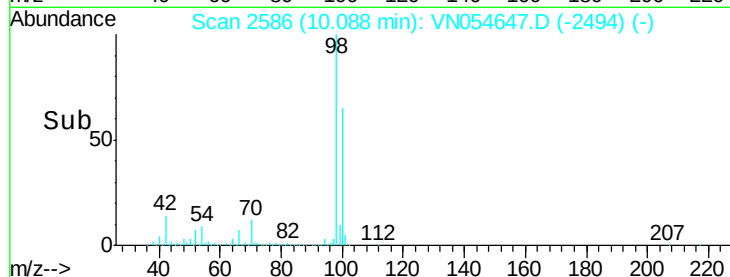
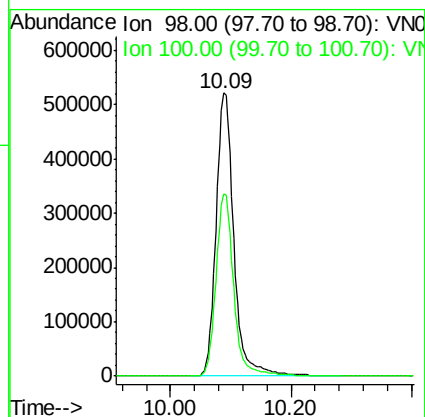
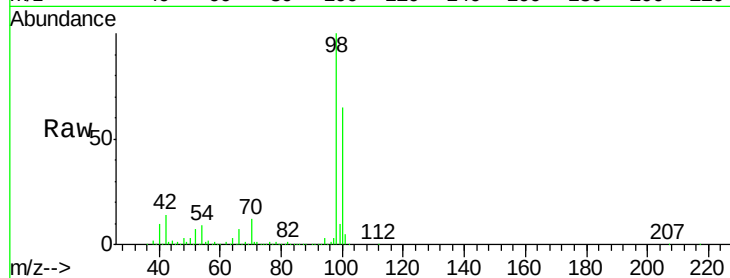
ClientSampleId :

Tot Ion: 98 Resp: 1048670

Ion Ratio Lower Upper

98 100

100 63.8 51.2 76.8



#52

Toluene

Concen: 0.603 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054647.D

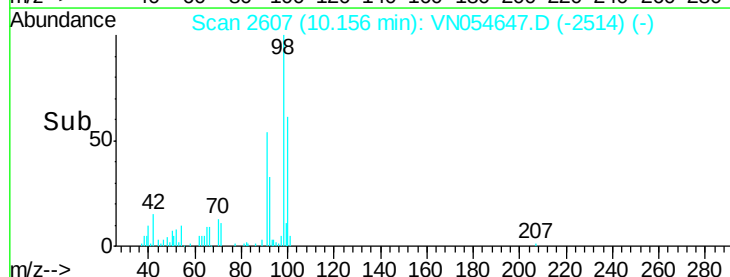
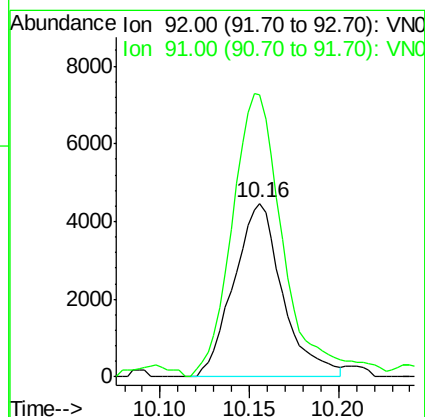
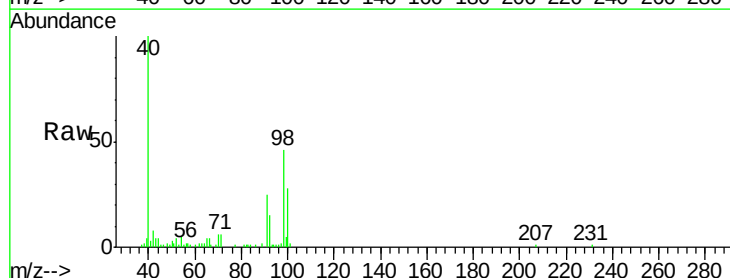
Acq: 24 Mar 2019 14:48

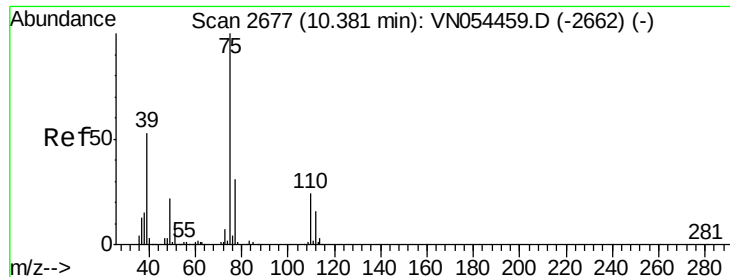
Tgt Ion: 92 Resp: 8554

Ion Ratio Lower Upper

92 100

91 171.8 140.7 211.1





#53

t-1,3-Dichloropropene

Concen: 2.246 ug/l

RT: 10.25 min Scan# 2635

Delta R.T. -0.13 min

Lab File: VN054647.D

Acq: 24 Mar 2019 14:48

Instrument :

MSVOA_N

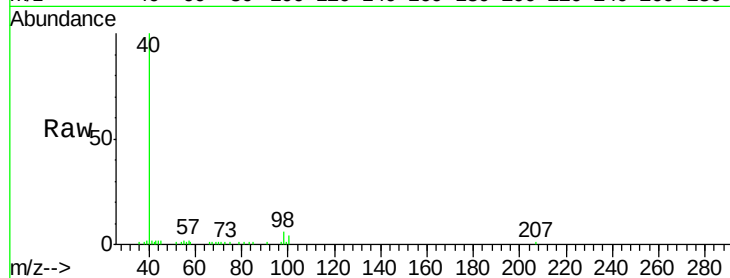
ClientSampleId :

Tot Ion: 75 Resp: 117

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.25

250

200

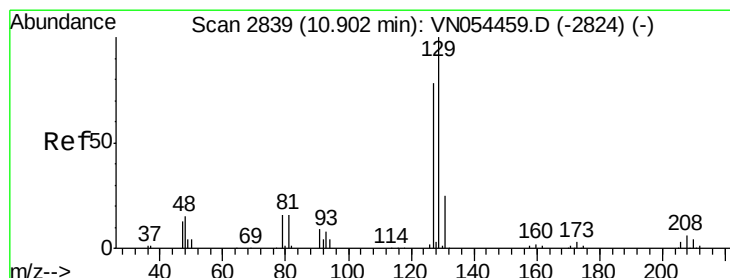
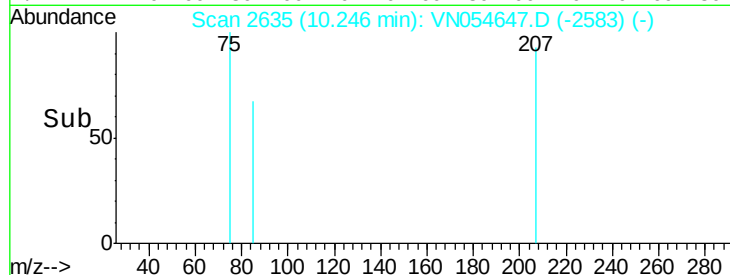
150

100

50

0

Time-->



#60

Dibromochloromethane

Concen: 1.799 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. -0.27 min

Lab File: VN054647.D

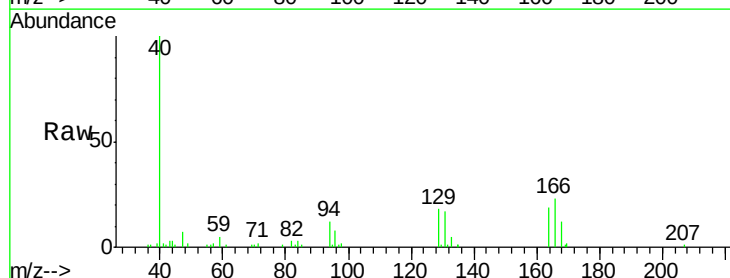
Acq: 24 Mar 2019 14:48

Tgt Ion: 129 Resp: 9758

Ion Ratio Lower Upper

129 100

127 0.3 38.6 115.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

10.63

6000

5000

4000

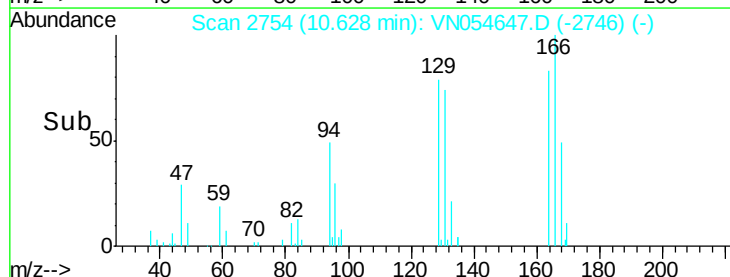
3000

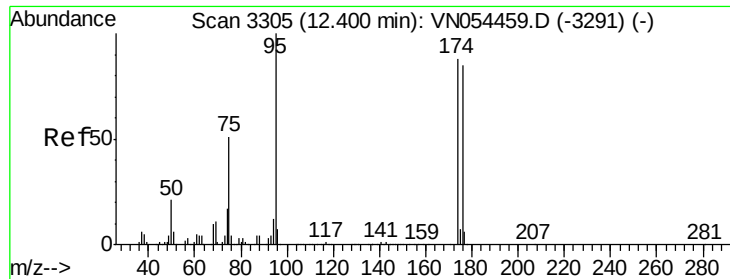
2000

1000

0

Time-->

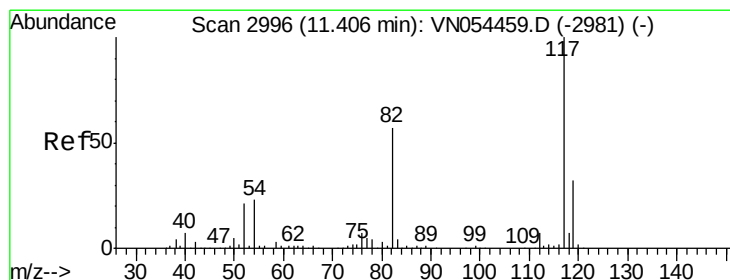
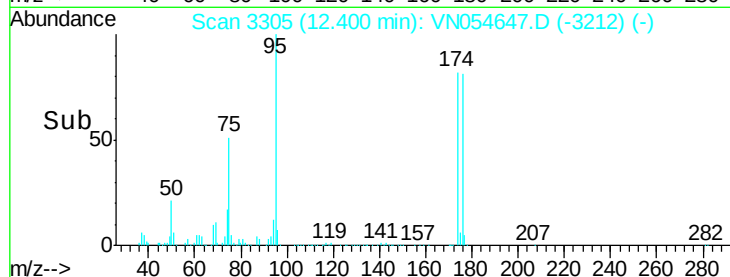
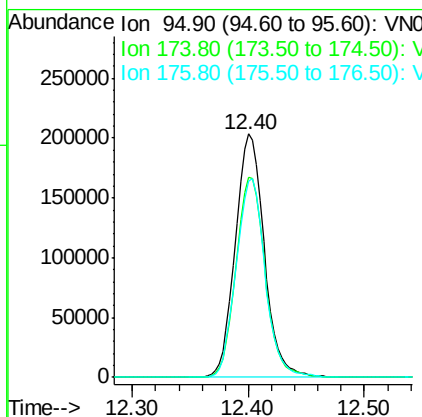
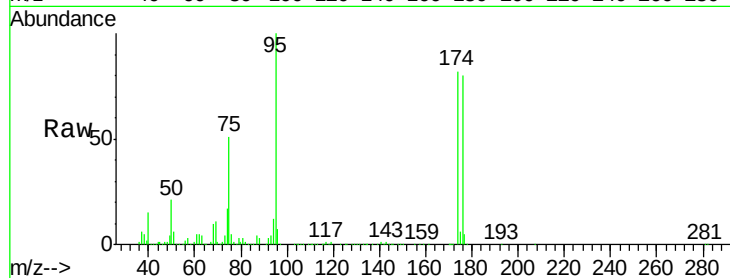




#62
4-Bromofluorobenzene
Concen: 49.260 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054647.D
Acq: 24 Mar 2019 14:48

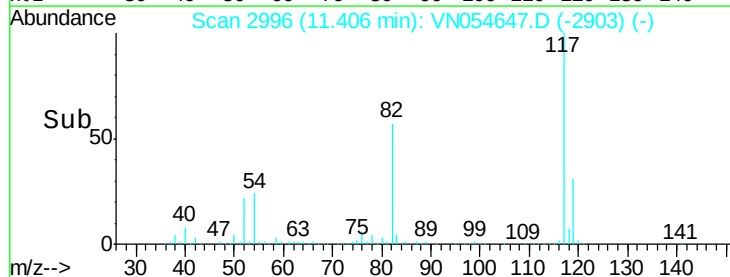
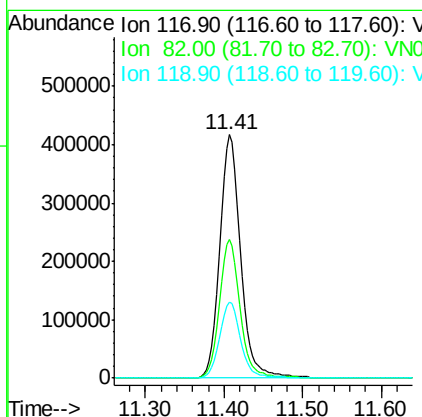
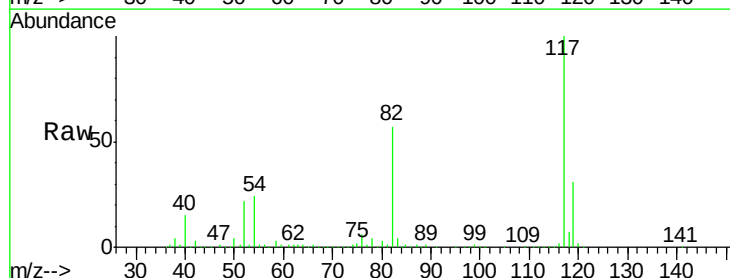
Instrument :
MSVOA_N
ClientSampled :

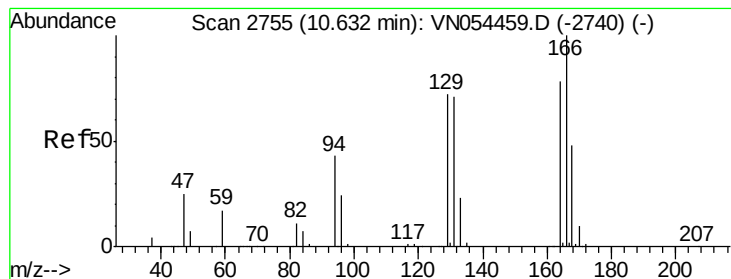
Tot Ion: 95 Resp: 350146
Ion Ratio Lower Upper
95 100
174 83.4 0.0 191.0
176 82.3 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054647.D
Acq: 24 Mar 2019 14:48

Tgt Ion: 117 Resp: 762297
Ion Ratio Lower Upper
117 100
82 57.1 40.0 60.0
119 31.4 25.8 38.6





#64

Tetrachloroethene

Concen: 1.646 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN054647.D

Acq: 24 Mar 2019 14:48

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:164 Resp: 10406

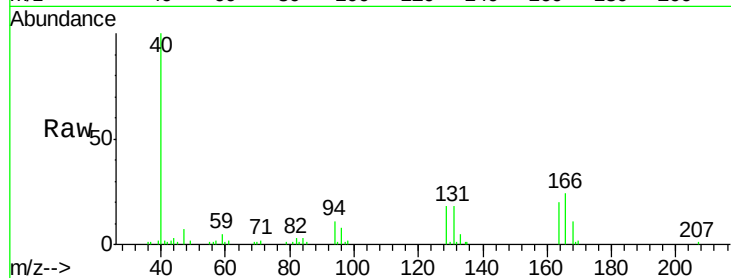
Ion Ratio Lower Upper

164 100

166 121.1 103.9 155.9

129 90.7 71.1 106.7

131 91.5 68.2 102.4

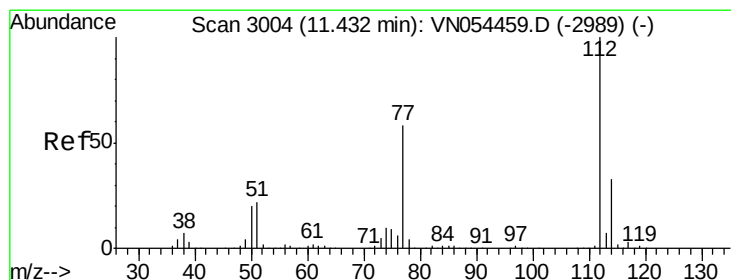
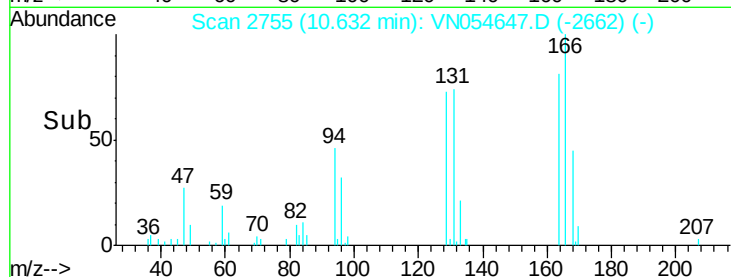
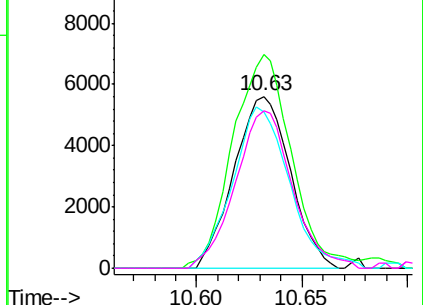


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 2.533 ug/l

RT: 11.44 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VN054647.D

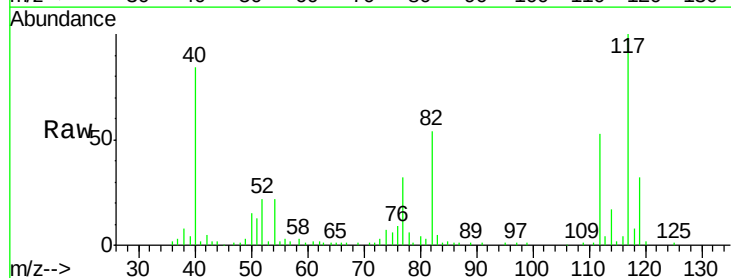
Acq: 24 Mar 2019 14:48

Tgt Ion:112 Resp: 39272

Ion Ratio Lower Upper

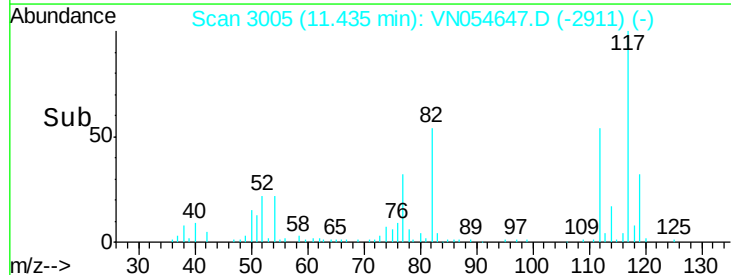
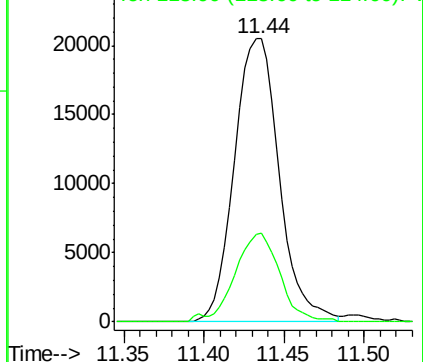
112 100

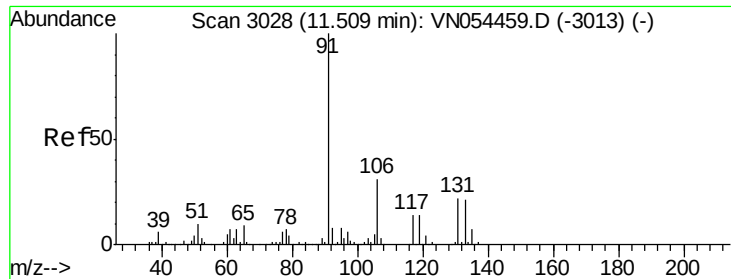
114 31.3 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

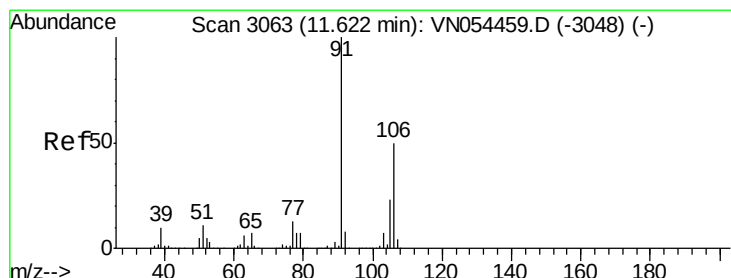
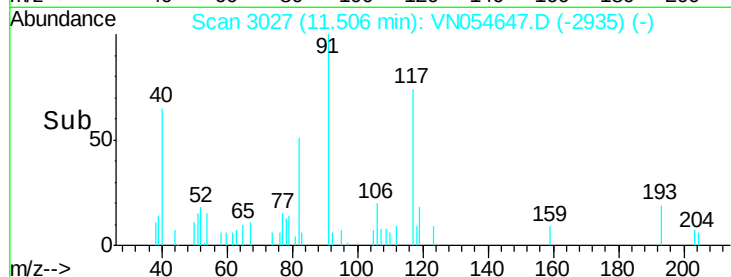
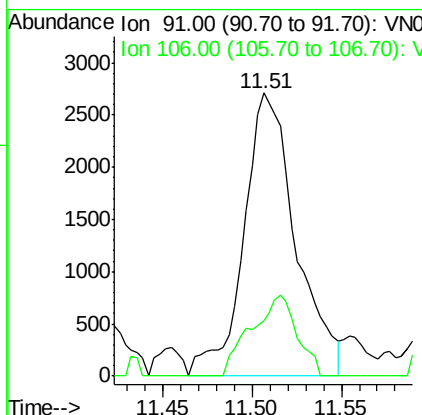
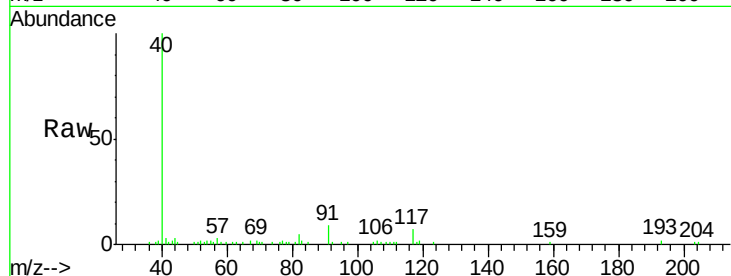




#67
Ethyl Benzene
Concen: 0.202 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN054647.D
Acq: 24 Mar 2019 14:48

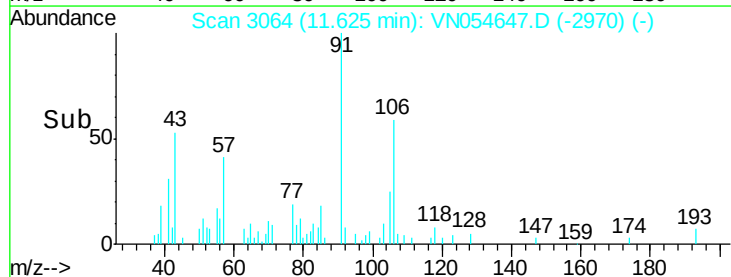
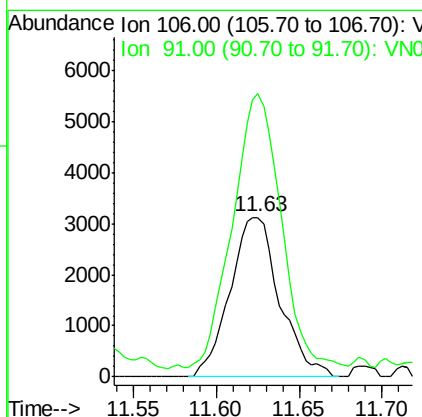
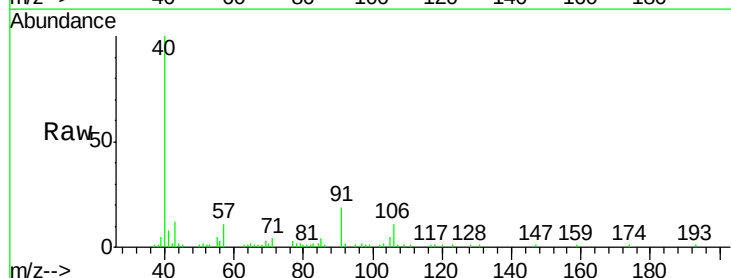
Instrument :
MSVOA_N
ClientSampled :

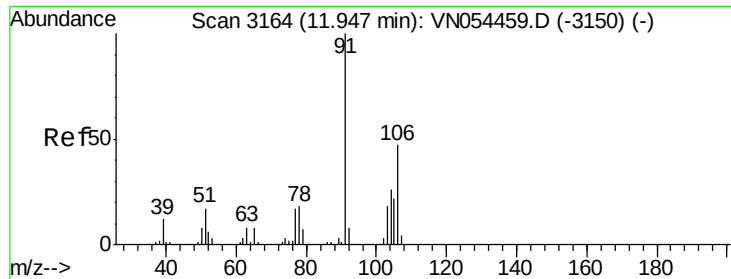
Tot Ion: 91 Resp: 5541
Ion Ratio Lower Upper
91 100
106 19.8 25.5 38.3#



#68
m/p-Xylenes
Concen: 0.627 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN054647.D
Acq: 24 Mar 2019 14:48

Tgt Ion: 106 Resp: 6509
Ion Ratio Lower Upper
106 100
91 167.0 159.4 239.2

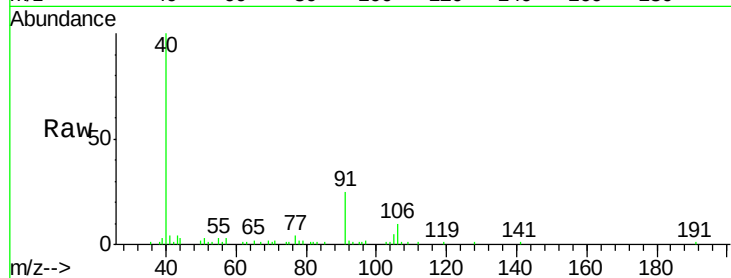




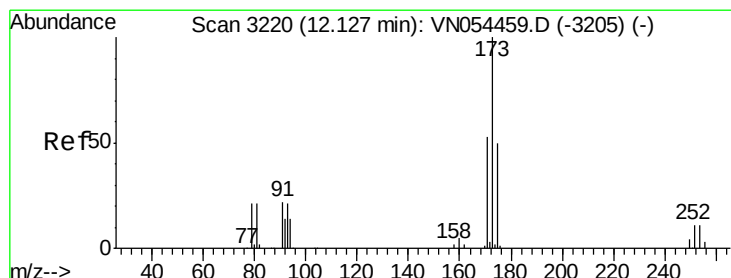
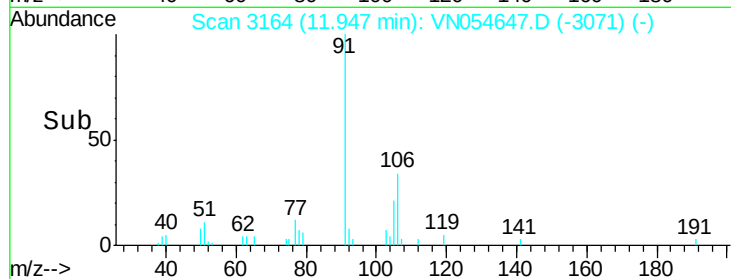
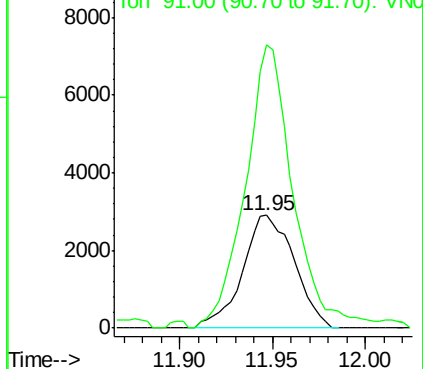
#69
o-Xylene
Concen: 0.559 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054647.D
Acq: 24 Mar 2019 14:48

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 5667
Ion Ratio Lower Upper
106 100
91 231.7 105.7 317.1

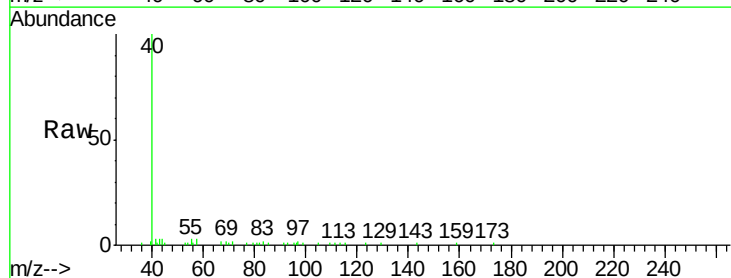


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

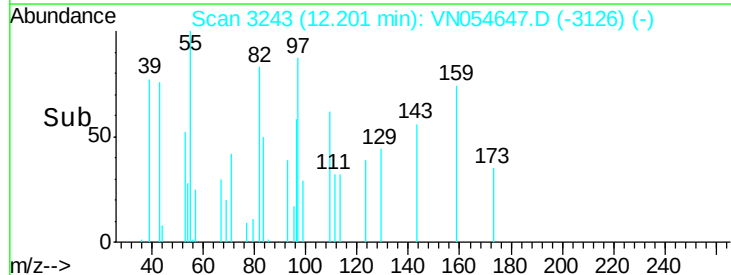
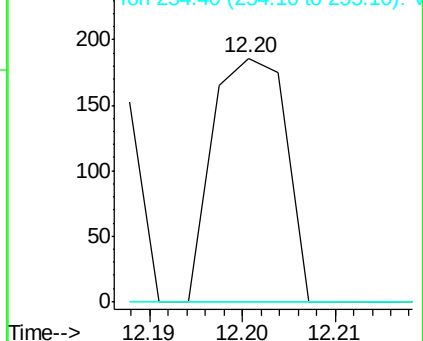


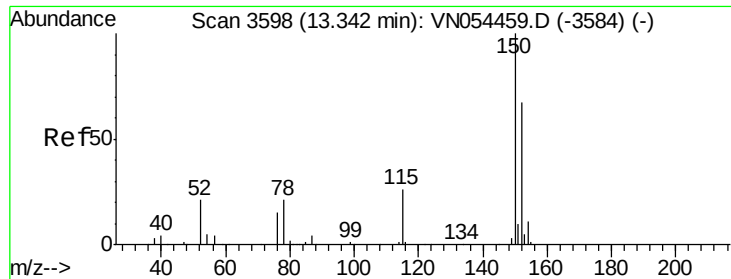
#71
Bromoform
Concen: 2.246 ug/l
RT: 12.20 min Scan# 3243
Delta R.T. 0.07 min
Lab File: VN054647.D
Acq: 24 Mar 2019 14:48

Tgt Ion:173 Resp: 102
Ion Ratio Lower Upper
173 100
175 0.0 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



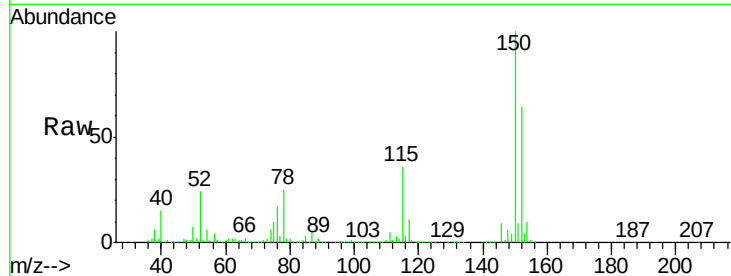


#72

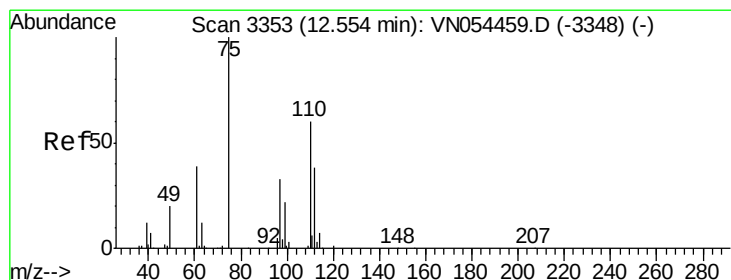
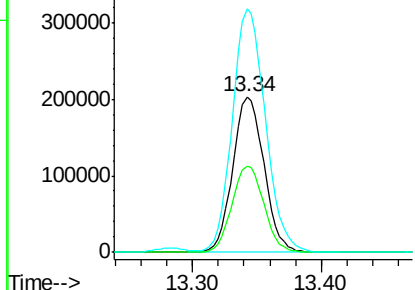
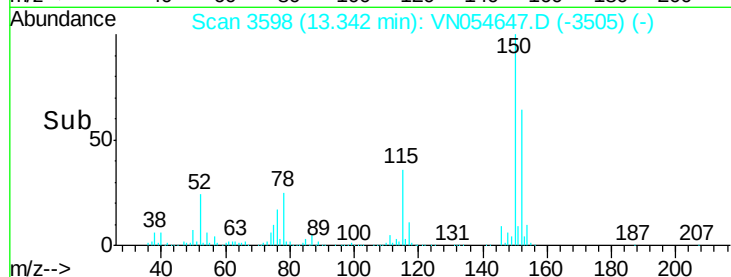
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054647.D
Acq: 24 Mar 2019 14:48

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:152 Resp: 342551
Ion Ratio Lower Upper
152 100
115 56.7 27.2 81.6
150 165.3 0.0 349.2



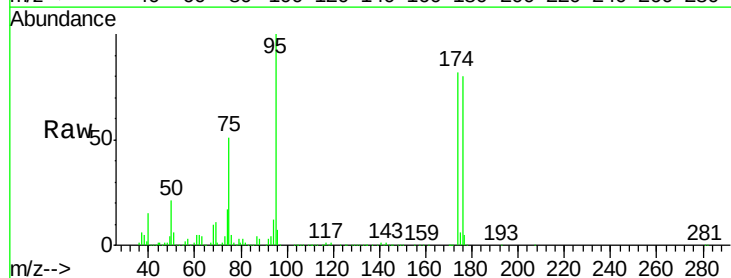
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



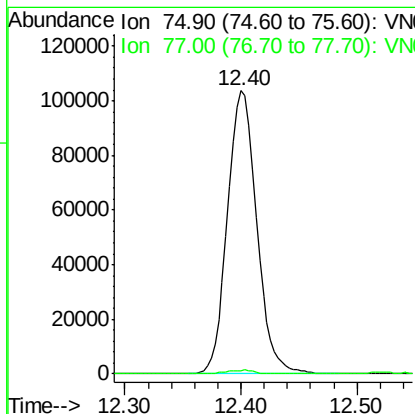
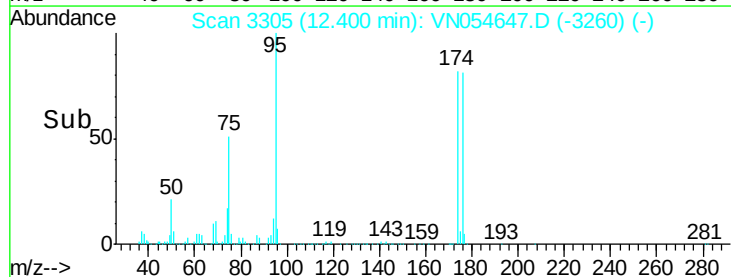
#76

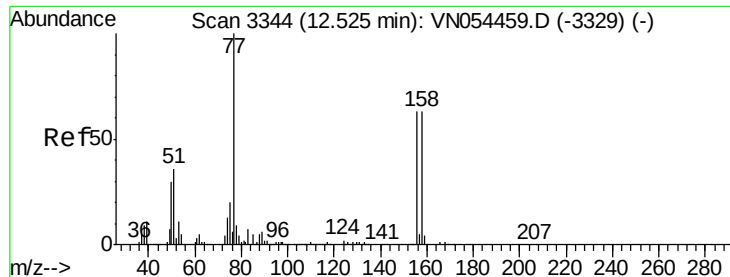
1,2,3-Trichloropropane
Concen: 33.285 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN054647.D
Acq: 24 Mar 2019 14:48

Tgt Ion: 75 Resp: 180931
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





#77

Bromobenzene

Concen: 0.220 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN054647.D

Acq: 24 Mar 2019 14:48

Instrument :

MSVOA_N

ClientSampled :

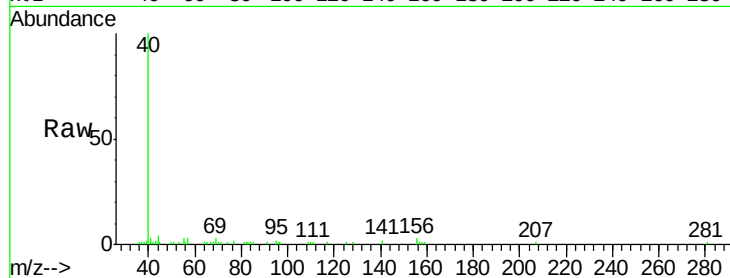
Tot Ion:156 Resp: 1503

Ion Ratio Lower Upper

156 100

77 24.9 81.5 244.4#

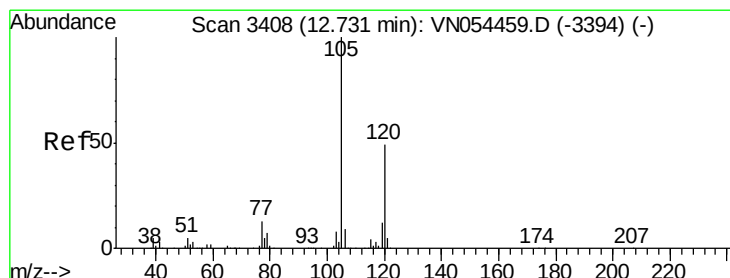
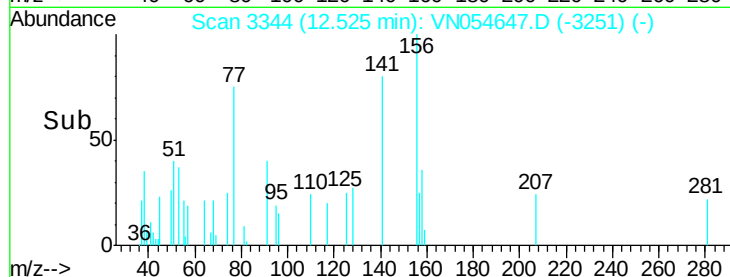
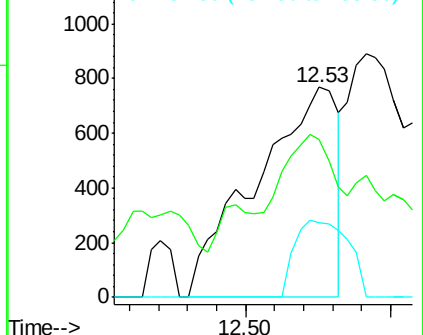
158 23.8 49.0 147.2#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#80

1,3,5-Trimethylbenzene

Concen: 0.443 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054647.D

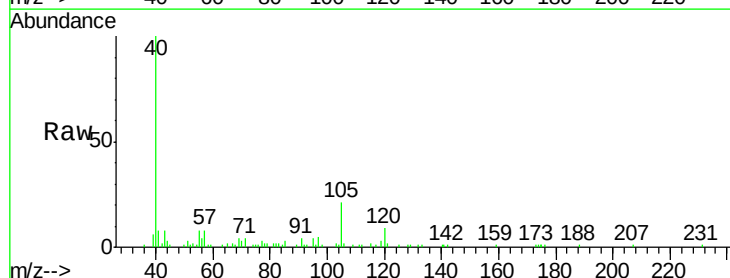
Acq: 24 Mar 2019 14:48

Tgt Ion:105 Resp: 10021

Ion Ratio Lower Upper

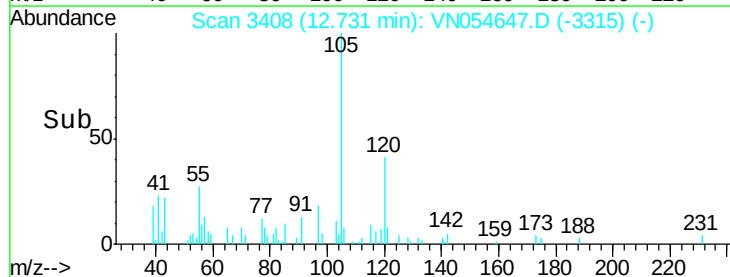
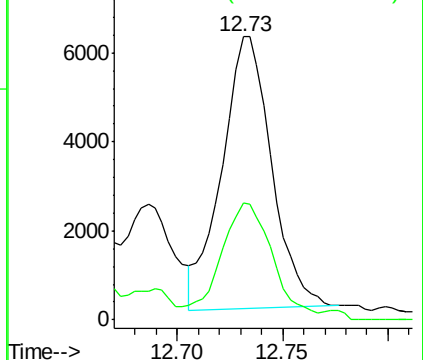
105 100

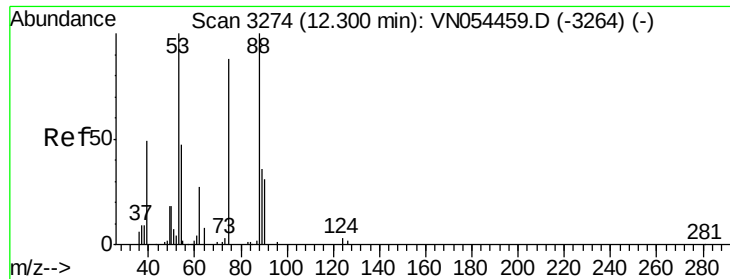
120 38.7 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

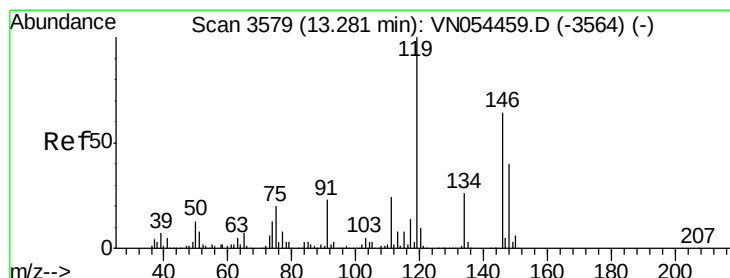
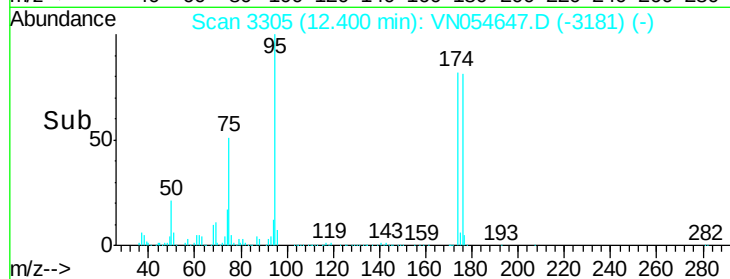
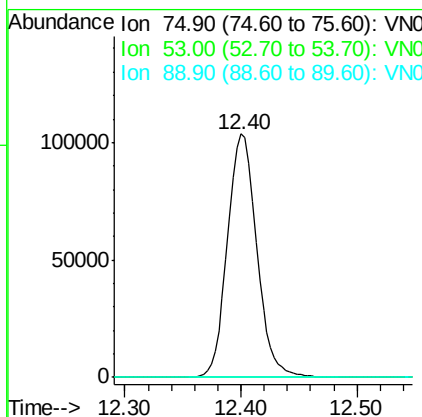
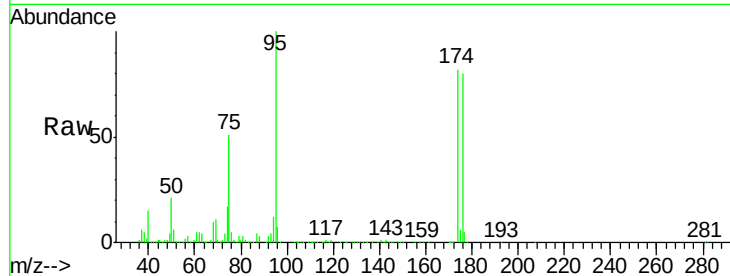




#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.639 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN054647.D
 Acq: 24 Mar 2019 14:48

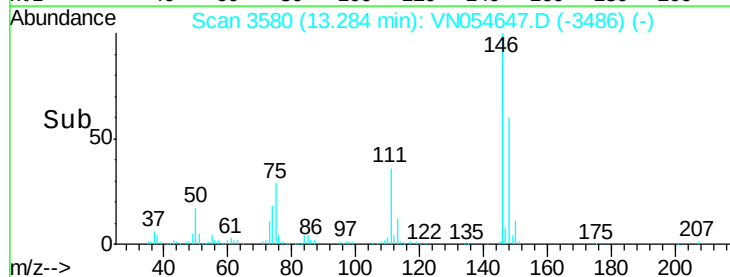
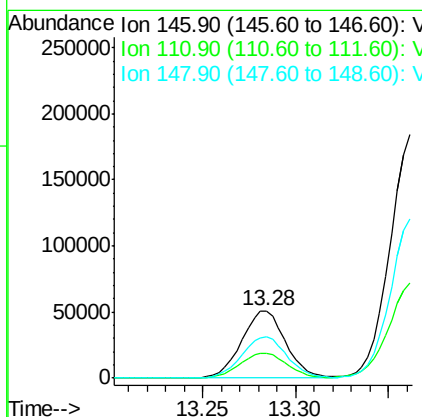
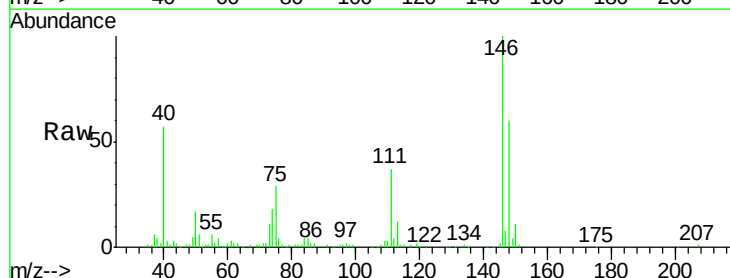
Instrument :
 MSVOA_N
 ClientSampled :

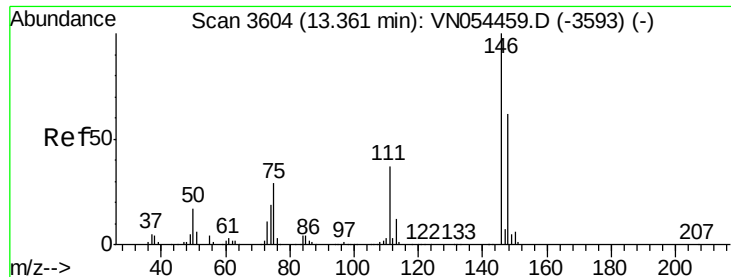
Tot Ion: 75 Resp: 180931
 Ion Ratio Lower Upper
 75 100
 53 0.1 76.2 114.2#
 89 0.0 39.2 58.8#



#87
 1,3-Dichlorobenzene
 Concen: 7.419 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN054647.D
 Acq: 24 Mar 2019 14:48

Tgt Ion: 146 Resp: 84164
 Ion Ratio Lower Upper
 146 100
 111 39.1 18.8 56.3
 148 63.3 32.2 96.6

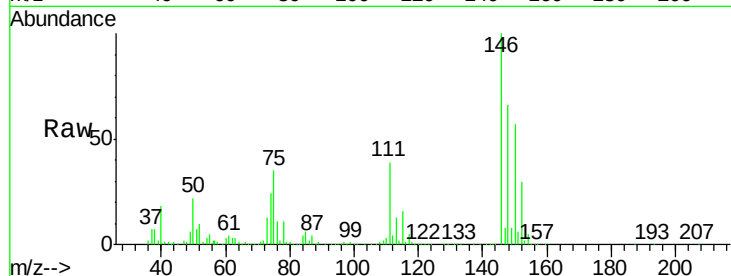




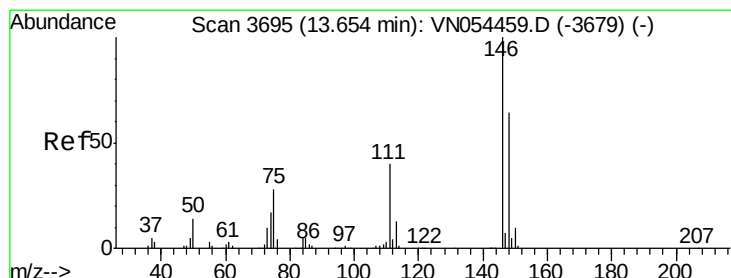
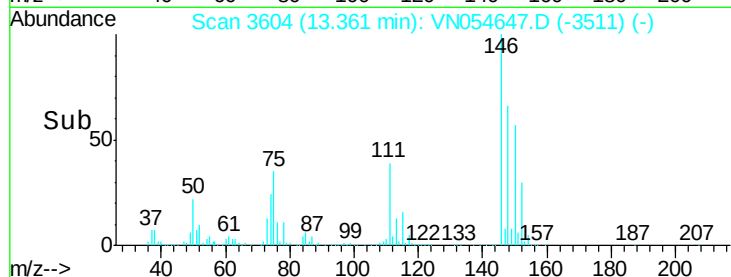
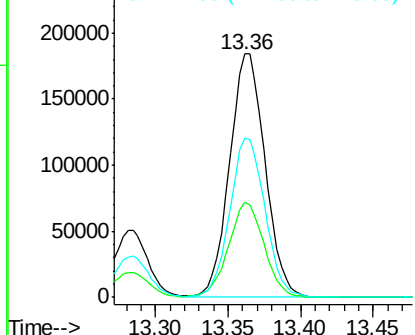
#88
 1,4-Dichlorobenzene
 Concen: 28.335 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN054647.D
 Acq: 24 Mar 2019 14:48

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:146 Resp: 312774
 Ion Ratio Lower Upper
 146 100
 111 39.2 18.1 54.1
 148 65.0 32.0 96.0

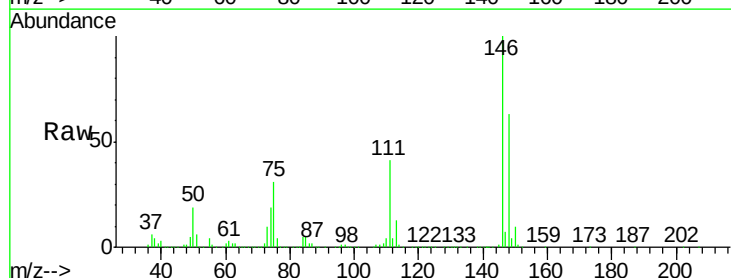


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

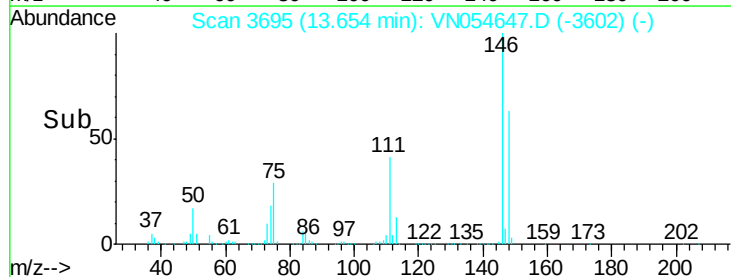
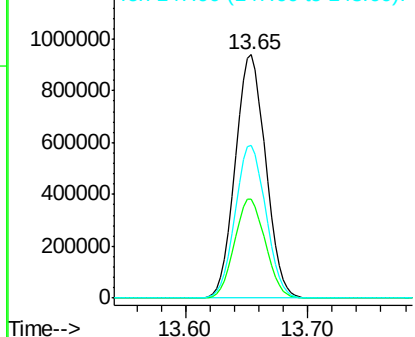


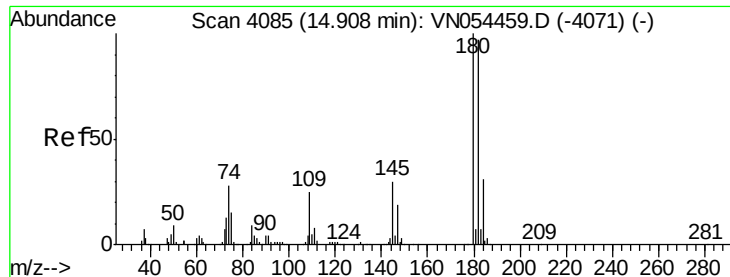
#91
 1,2-Dichlorobenzene
 Concen: 147.413 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN054647.D
 Acq: 24 Mar 2019 14:48

Tgt Ion:146 Resp: 1619871
 Ion Ratio Lower Upper
 146 100
 111 41.3 19.1 57.3
 148 63.4 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#93

1,2,4-Trichlorobenzene

Concen: 1.864 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN054647.D

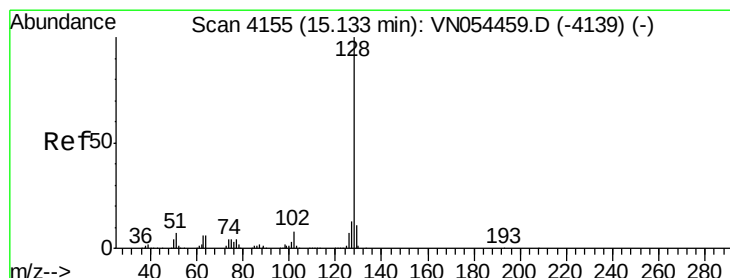
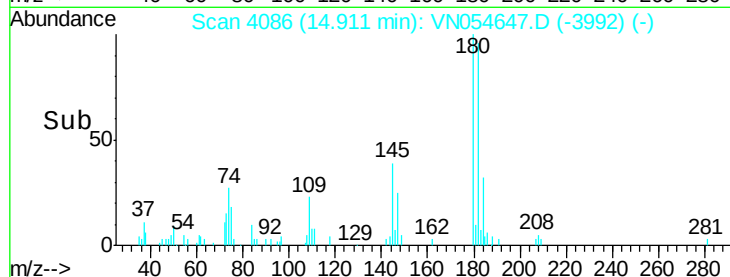
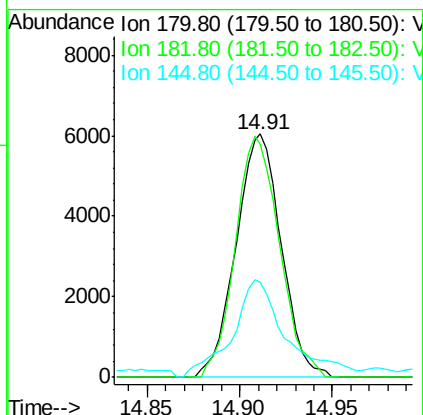
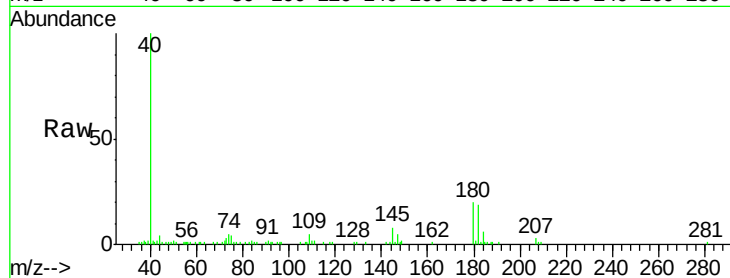
Acq: 24 Mar 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:180	Resp:	10209
Ion Ratio	Lower	Upper
180	100	
182	97.1	48.0 144.2
145	48.3	14.2 42.8#



#95

Naphthalene

Concen: 0.278 ug/l

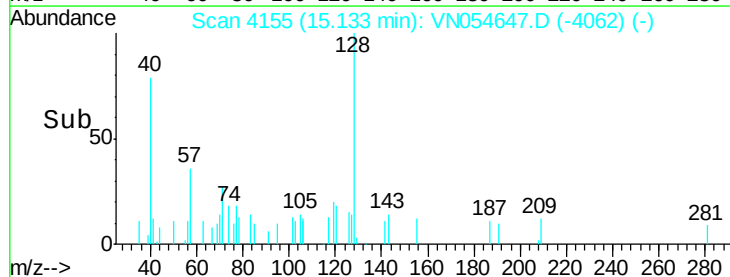
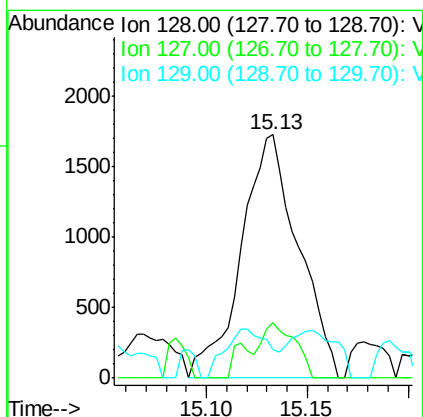
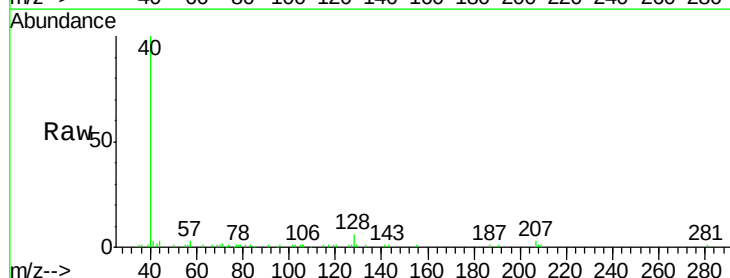
RT: 15.13 min Scan# 4155

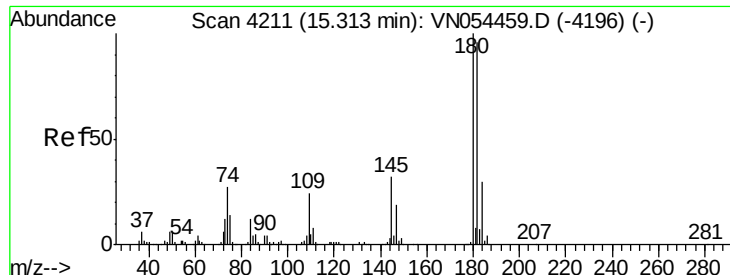
Delta R.T. 0.00 min

Lab File: VN054647.D

Acq: 24 Mar 2019 14:48

Tgt Ion:128	Resp:	3396
Ion Ratio	Lower	Upper
128	100	
127	13.2	10.1 15.1
129	15.8	8.7 13.1#





#96

1,2,3-Trichlorobenzene

Concen: 0.442 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN054647.D

Acq: 24 Mar 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

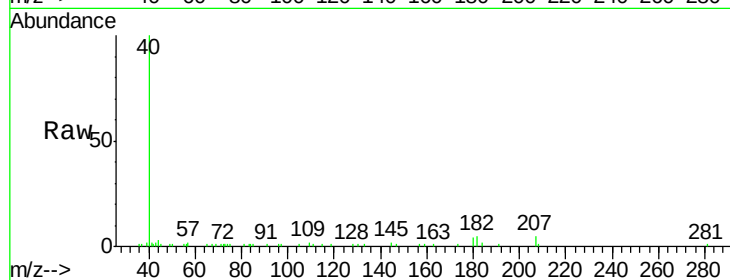
Tot Ion:180 Resp: 2409

Ion Ratio Lower Upper

180 100

182 102.6 47.5 142.6

145 22.0 14.8 44.3



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

