

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082318\
 Data File : VN050842.D
 Acq On : 23 Aug 2018 10:40
 Operator : MD\SY
 Sample : VN0823WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 24 01:07:45 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	636372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	911468	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	824874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	395881	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	381421	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
35) Dibromofluoromethane	7.59	113	363520	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
50) Toluene-d8	10.09	98	1373699	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
62) 4-Bromofluorobenzene	12.40	95	432041	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	181107	21.27	ug/l	99
3) Chloromethane	2.06	50	200309	19.07	ug/l	100
4) Vinyl Chloride	2.18	62	195786	19.68	ug/l	98
5) Bromomethane	2.57	94	114793	19.65	ug/l	97
6) Chloroethane	2.70	64	112698	19.60	ug/l	99
7) Trichlorofluoromethane	3.01	101	251182	19.71	ug/l	99
8) Diethyl Ether	3.41	74	84707	19.55	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	157134	19.74	ug/l	99
10) Methyl Iodide	3.95	142	107758	19.81	ug/l	99
11) Tert butyl alcohol	4.79	59	47338	97.04	ug/l	100
12) 1,1-Dichloroethene	3.74	96	140857	19.71	ug/l	96
13) Acrolein	3.61	56	22087	89.89	ug/l	97
14) Allyl chloride	4.33	41	214591	19.27	ug/l	100
15) Acrylonitrile	4.99	53	241837	97.54	ug/l	99
16) Acetone	3.82	43	172139	90.38	ug/l	97
17) Carbon Disulfide	4.05	76	428958	17.90	ug/l	99
18) Methyl Acetate	4.33	43	137309	18.98	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	362878	20.18	ug/l	97
20) Methylene Chloride	4.55	84	163719	18.96	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	149328	19.32	ug/l	98
22) Diisopropyl ether	5.95	45	458690	20.67	ug/l	96
23) Vinyl Acetate	5.90	43	1414620	98.97	ug/l	100
24) 1,1-Dichloroethane	5.85	63	279170	19.59	ug/l	100
25) 2-Butanone	6.84	43	265098	85.87	ug/l	99
26) 2,2-Dichloropropane	6.83	77	217114	18.96	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	168562	20.23	ug/l	98
28) Bromochloromethane	7.20	49	118628	19.59	ug/l	99
29) Tetrahydrofuran	7.22	42	175542	99.17	ug/l	98
30) Chloroform	7.37	83	279909	19.84	ug/l	99
31) Cyclohexane	7.66	56	245939	19.28	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	237790	19.62	ug/l	100
36) 1,1-Dichloropropene	7.79	75	209054	19.44	ug/l	99
37) Ethyl Acetate	6.93	43	119473	19.34	ug/l	99
38) Carbon Tetrachloride	7.78	117	211974	19.50	ug/l	100

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Instrument :
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 ClientSampleId :

Quant Time: Aug 24 01:07:45 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	221321	19.02	ug/l	100
40) Benzene	8.04	78	648380	19.99	ug/l	99
41) Methacrylonitrile	7.22	41	169330	50.64	ug/l #	18
42) 1,2-Dichloroethane	8.13	62	192055	19.81	ug/l	100
43) Isopropyl Acetate	8.17	43	212016	19.96	ug/l	99
44) Trichloroethene	8.84	130	168479	19.70	ug/l	98
45) 1,2-Dichloropropane	9.12	63	165395	19.40	ug/l	99
46) Dibromomethane	9.21	93	98667	19.70	ug/l	98
47) Bromodichloromethane	9.40	83	207482	19.78	ug/l	99
48) Methyl methacrylate	9.20	41	103859	19.18	ug/l	97
49) 1,4-Dioxane	9.20	88	29406	398.43	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	601443	94.87	ug/l	100
52) Toluene	10.16	92	393396	20.48	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	200339	19.19	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	239195	20.00	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	142908	20.04	ug/l	99
56) Ethyl methacrylate	10.43	69	157987	18.58	ug/l	98
57) 1,3-Dichloropropane	10.71	76	237109	20.14	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	353739	95.34	ug/l	100
59) 2-Hexanone	10.75	43	378366	89.66	ug/l	100
60) Dibromochloromethane	10.90	129	155570	19.48	ug/l	99
61) 1,2-Dibromoethane	11.00	107	135589	19.66	ug/l	100
64) Tetrachloroethene	10.63	164	151650	19.36	ug/l	99
65) Chlorobenzene	11.43	112	421418	19.55	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	156250	19.81	ug/l	99
67) Ethyl Benzene	11.51	91	692014	19.74	ug/l	100
68) m/p-Xylenes	11.62	106	546545	41.08	ug/l	100
69) o-Xylene	11.95	106	260185	20.34	ug/l	99
70) Styrene	11.96	104	404431	18.76	ug/l	100
71) Bromoform	12.13	173	106509	19.63	ug/l #	97
73) Isopropylbenzene	12.25	105	681467	20.79	ug/l	100
74) N-amyl acetate	12.07	43	162202	19.69	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	175292	21.50	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	198699	28.66	ug/l #	100
77) Bromobenzene	12.53	156	174881	19.63	ug/l	99
78) n-propylbenzene	12.59	91	765645	20.91	ug/l	100
79) 2-Chlorotoluene	12.67	91	473673	20.77	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	561536	21.23	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	39181	19.10	ug/l	97
82) 4-Chlorotoluene	12.77	91	461225	20.48	ug/l	100
83) tert-Butylbenzene	12.99	119	478915	20.91	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	571648	21.49	ug/l	99
85) sec-Butylbenzene	13.17	105	627207	20.90	ug/l	100
86) p-Isopropyltoluene	13.29	119	538302	21.05	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	293446	19.41	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	280845	18.88	ug/l	99
89) n-Butylbenzene	13.62	91	387100	18.92	ug/l	100
90) Hexachloroethane	13.88	117	99489	20.52	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	285277	19.56	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	22339	18.98	ug/l	99

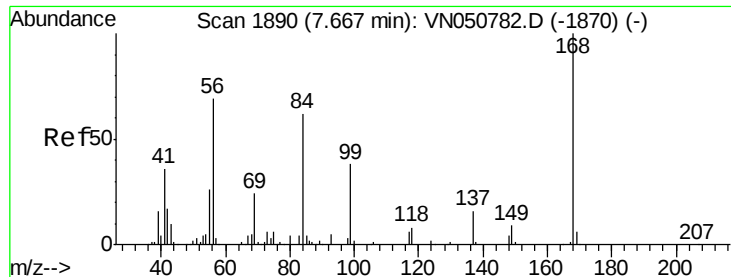
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082318\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	108895	17.26	ug/l	99
94) Hexachlorobutadiene	15.01	225	89105	19.94	ug/l	99
95) Naphthalene	15.13	128	200563	16.71	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	110590	17.82	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050842.D

Acq: 23 Aug 2018 10:40

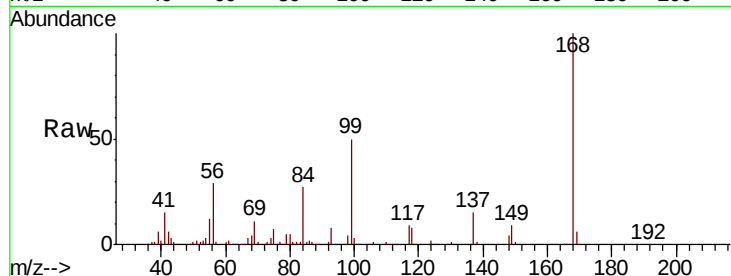
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 636372

Ion Ratio Lower Upper

168 100

99 49.5 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

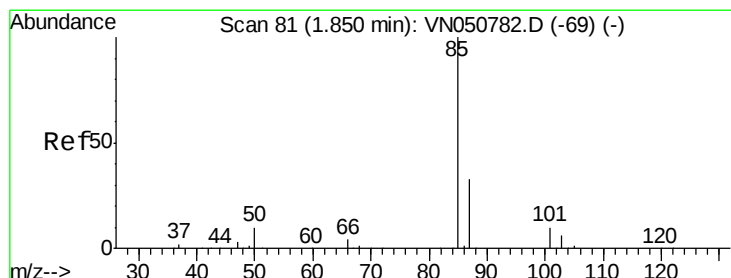
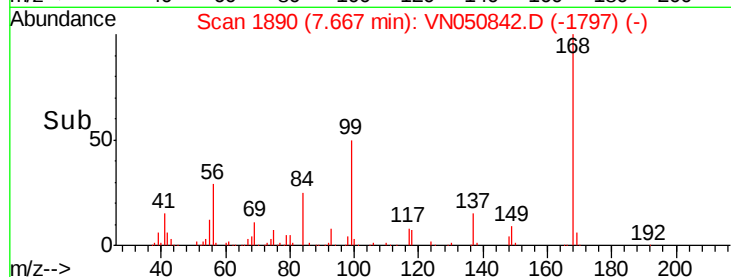
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 21.27 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN050842.D

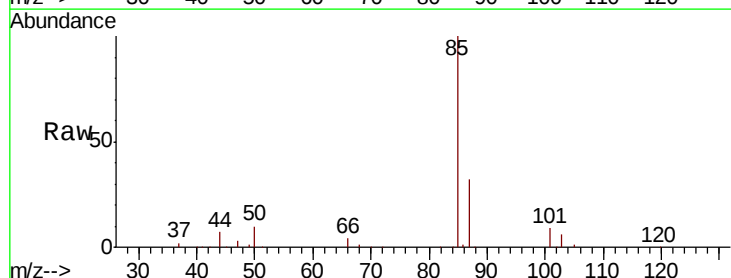
Acq: 23 Aug 2018 10:40

Tgt Ion: 85 Resp: 181107

Ion Ratio Lower Upper

85 100

87 32.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

150000

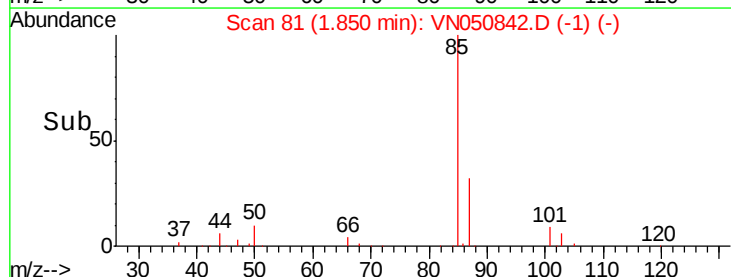
100000

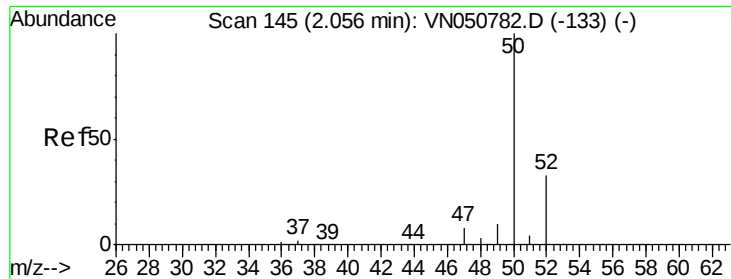
50000

0

1.80 1.85 1.90 1.95

Time-->

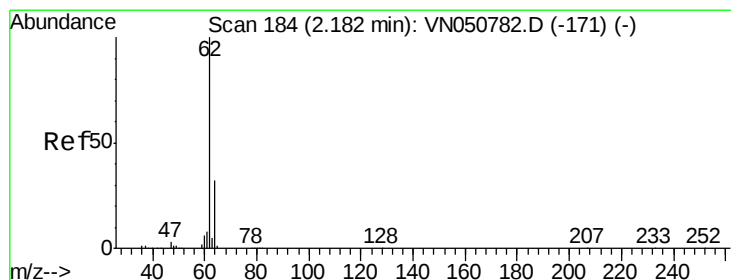
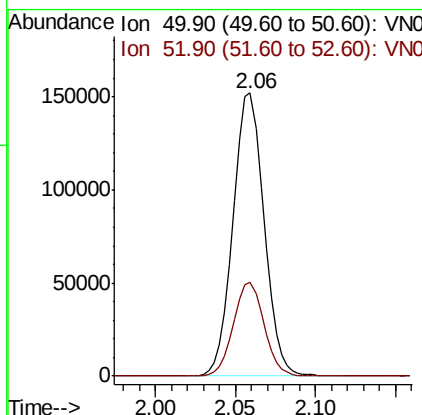
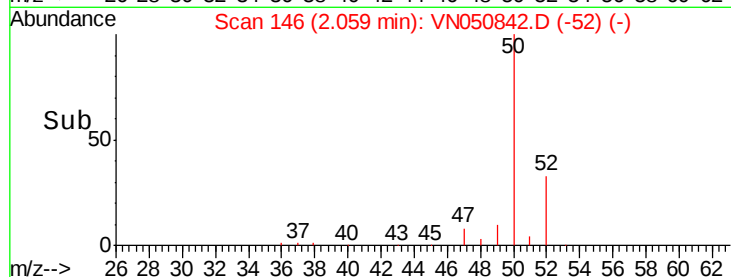
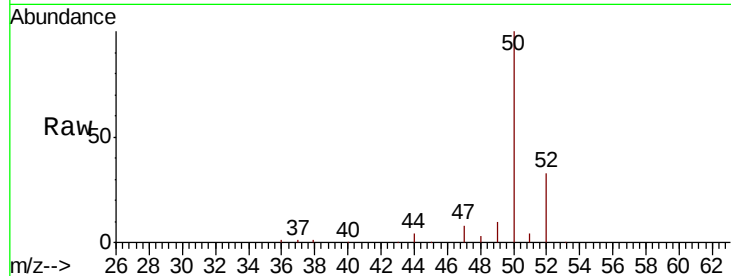




#3
Chloromethane
Concen: 19.07 ug/l
RT: 2.06 min Scan# 146
Delta R.T. 0.00 min
Lab File: VN050842.D
Acq: 23 Aug 2018 10:40

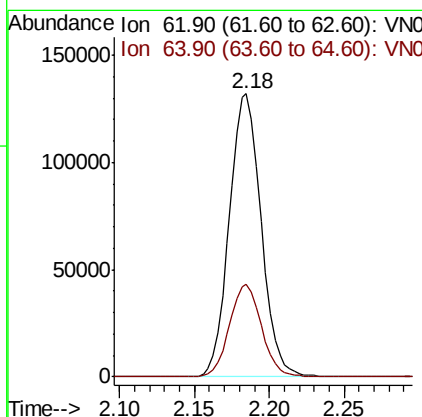
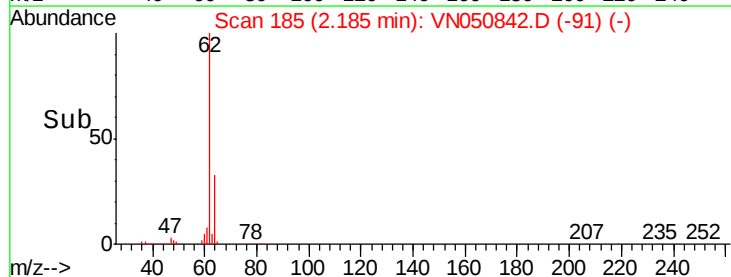
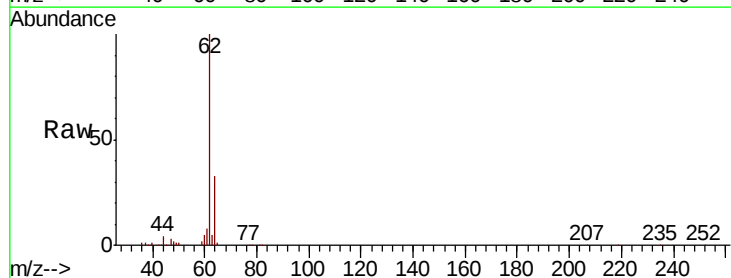
Instrument :
MSVOA_N
ClientSampleId :

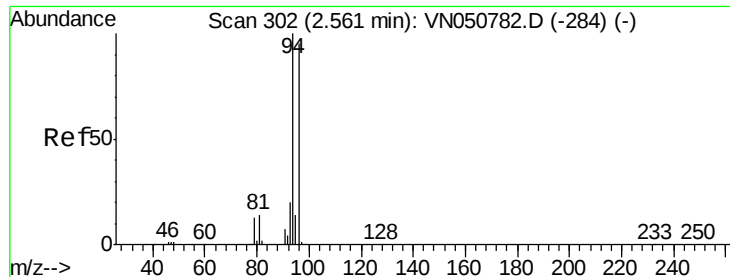
Tot Ion: 50 Resp: 200309
Ion Ratio Lower Upper
50 100
52 33.1 26.3 39.5



#4
Vinyl Chloride
Concen: 19.68 ug/l
RT: 2.18 min Scan# 185
Delta R.T. 0.00 min
Lab File: VN050842.D
Acq: 23 Aug 2018 10:40

Tgt Ion: 62 Resp: 195786
Ion Ratio Lower Upper
62 100
64 32.8 25.4 38.2





#5

Bromomethane

Concen: 19.65 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.01 min

Lab File: VN050842.D

Acq: 23 Aug 2018 10:40

Instrument :

MSVOA_N

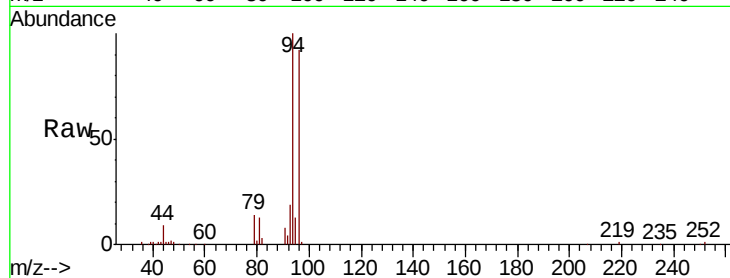
ClientSampleId :

Tot Ion: 94 Resp: 114793

Ion Ratio Lower Upper

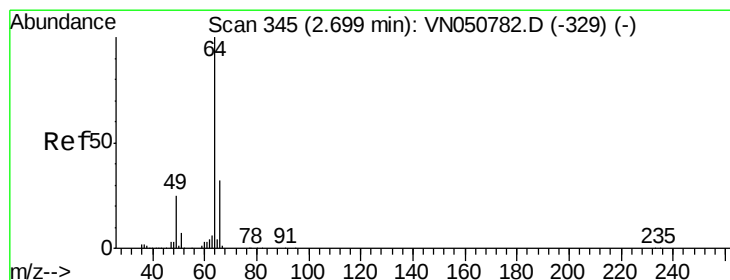
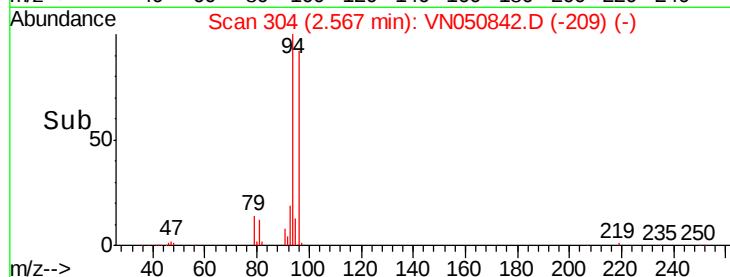
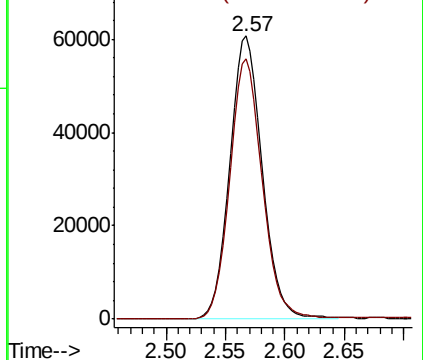
94 100

96 91.9 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.60 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN050842.D

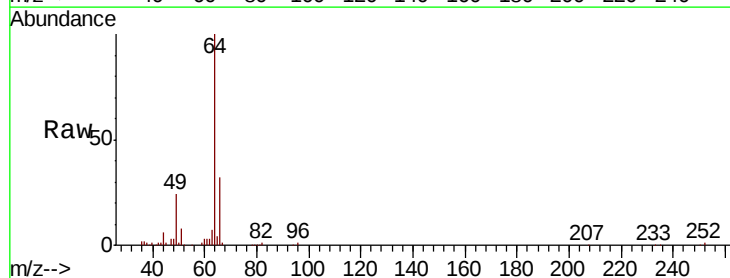
Acq: 23 Aug 2018 10:40

Tgt Ion: 64 Resp: 112698

Ion Ratio Lower Upper

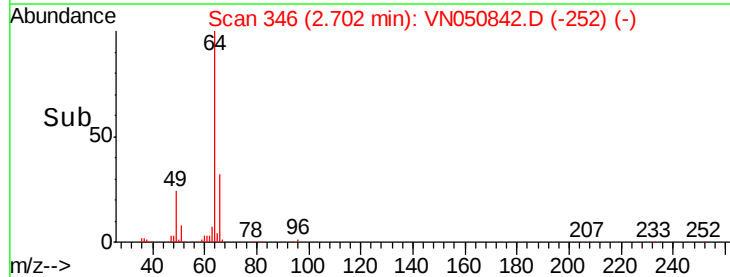
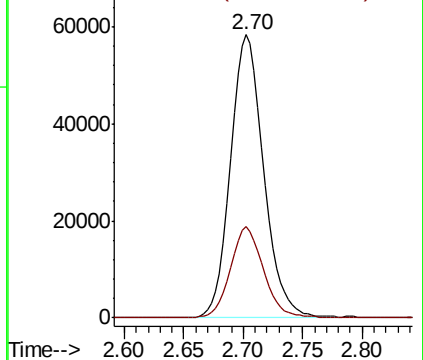
64 100

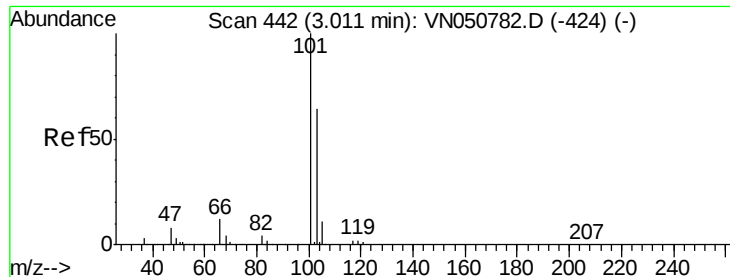
66 32.3 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

Trichlorofluoromethane

Concen: 19.71 ug/l

RT: 3.01 min Scan# 443

Delta R.T. 0.00 min

Lab File: VN050842.D

Acq: 23 Aug 2018 10:40

Instrument :

MSVOA_N

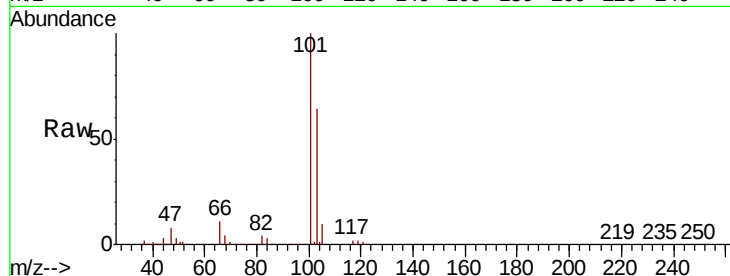
ClientSampleId :

Tot Ion:101 Resp: 251182

Ion Ratio Lower Upper

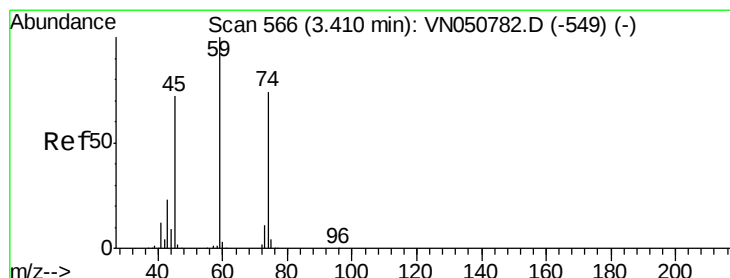
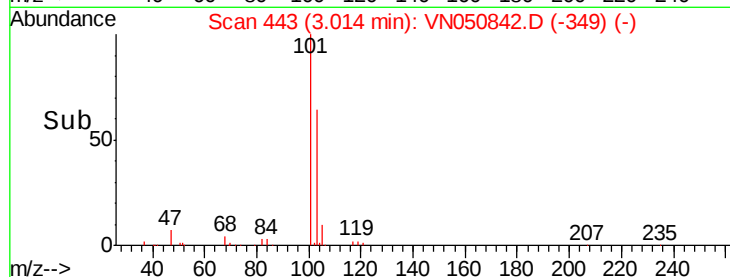
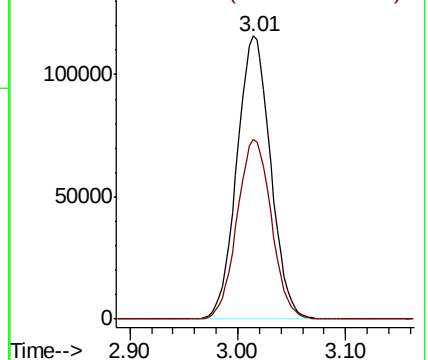
101 100

103 63.6 51.6 77.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 19.55 ug/l

RT: 3.41 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN050842.D

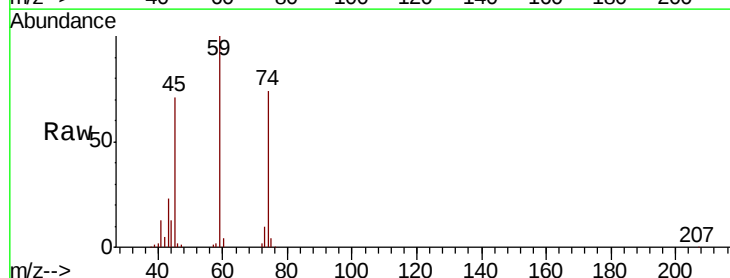
Acq: 23 Aug 2018 10:40

Tgt Ion: 74 Resp: 84707

Ion Ratio Lower Upper

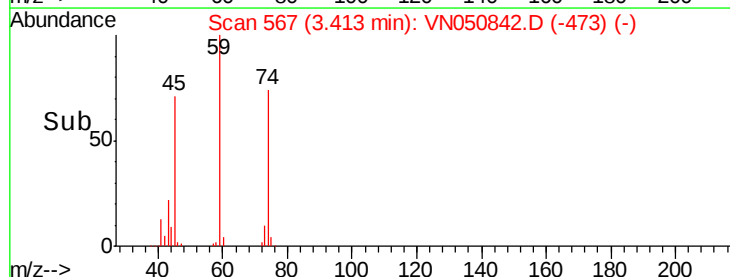
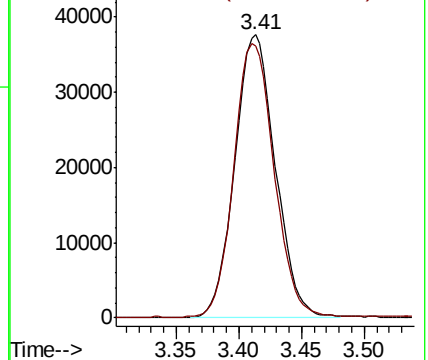
74 100

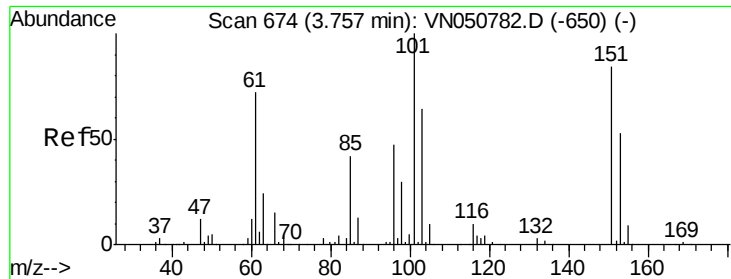
45 97.2 48.2 144.6



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.74 ug/l

RT: 3.76 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN050842.D

Acq: 23 Aug 2018 10:40

Instrument :

MSVOA_N

ClientSampleId :

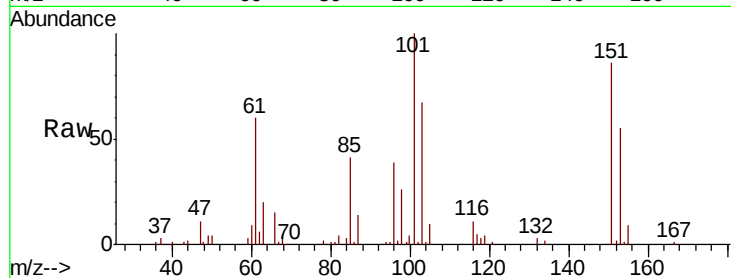
Tot Ion:101 Resp: 157134

Ion Ratio Lower Upper

101 100

85 41.4 33.7 50.5

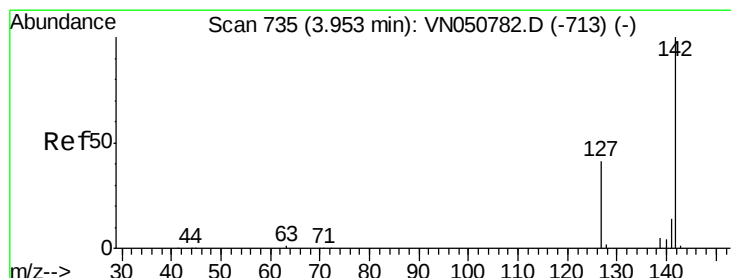
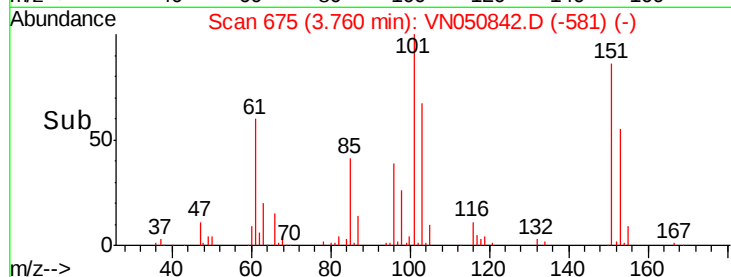
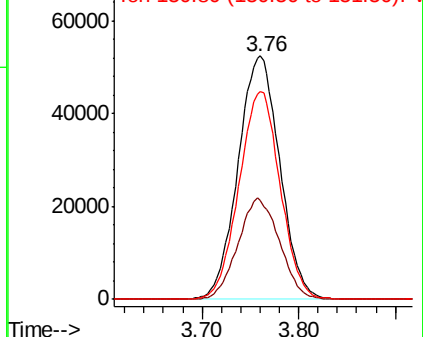
151 84.0 67.4 101.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.81 ug/l

RT: 3.95 min Scan# 735

Delta R.T. 0.00 min

Lab File: VN050842.D

Acq: 23 Aug 2018 10:40

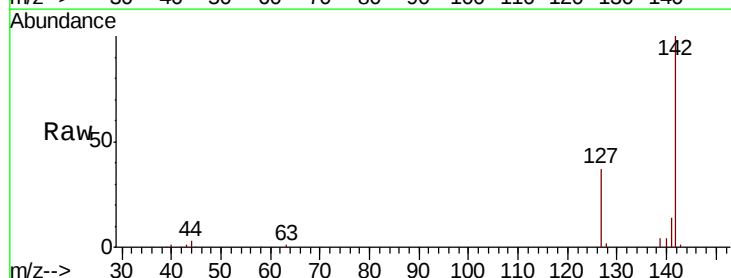
Tgt Ion:142 Resp: 107758

Ion Ratio Lower Upper

142 100

127 40.0 31.7 47.5

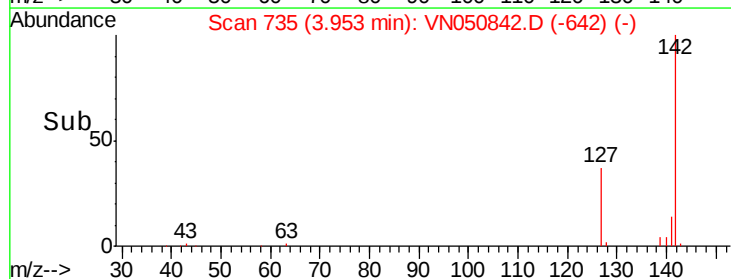
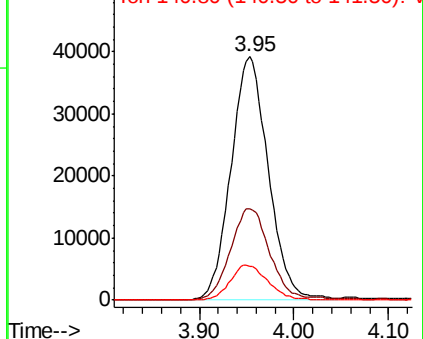
141 14.4 11.4 17.0

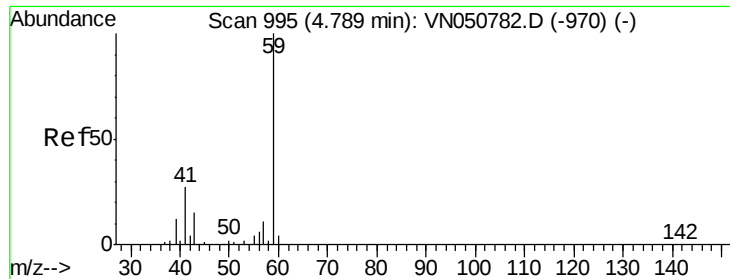


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

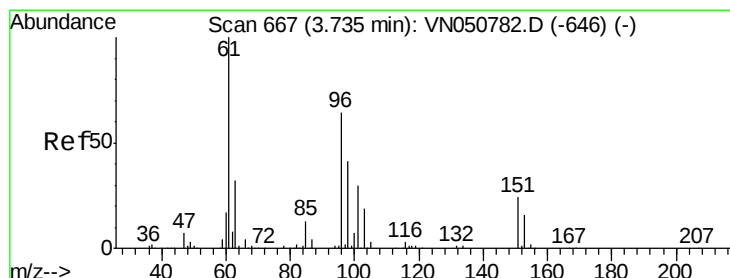
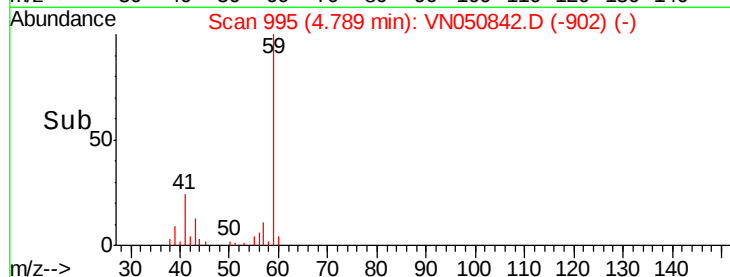
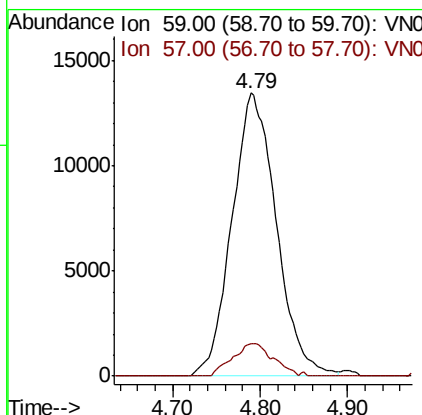
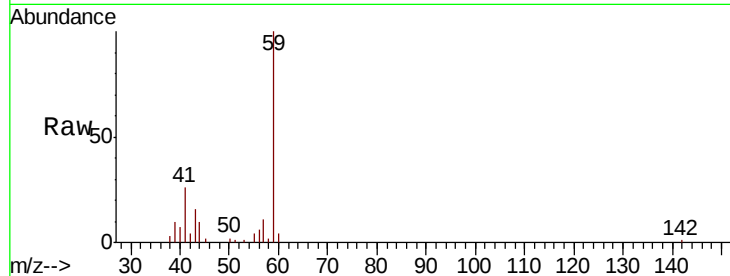




#11
Tert butyl alcohol
Concen: 97.04 ug/l
RT: 4.79 min Scan# 995
Delta R.T. -0.00 min
Lab File: VN050842.D
Acq: 23 Aug 2018 10:40

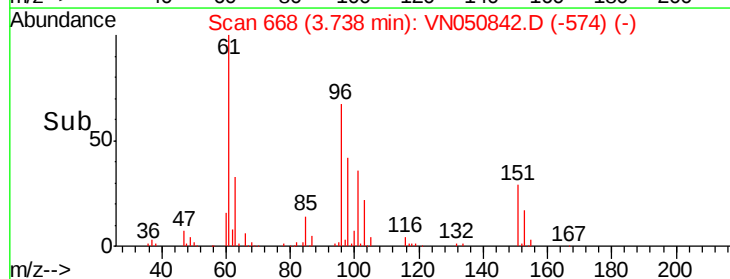
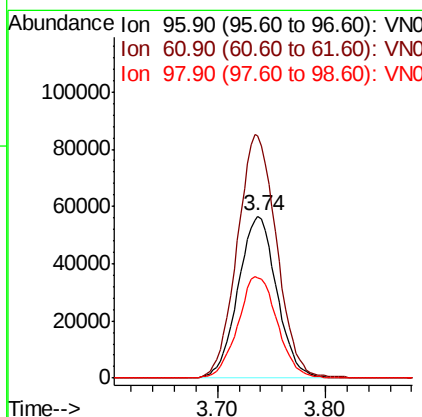
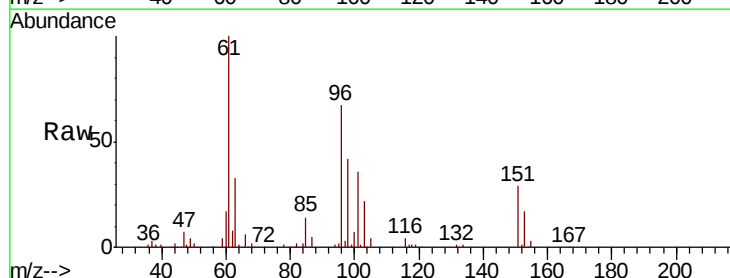
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 59 Resp: 47338
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 19.71 ug/l
RT: 3.74 min Scan# 668
Delta R.T. 0.00 min
Lab File: VN050842.D
Acq: 23 Aug 2018 10:40

Tgt Ion: 96 Resp: 140857
Ion Ratio Lower Upper
96 100
61 149.8 124.9 187.3
98 62.3 51.1 76.7





#13

Acrolein

Concen: 89.89 ug/l

RT: 3.61 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN050842.D

Acq: 23 Aug 2018 10:40

Instrument :

MSVOA_N

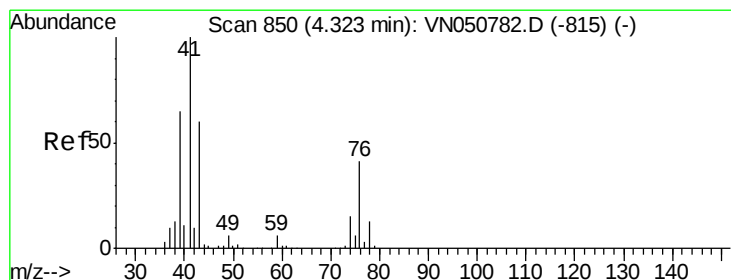
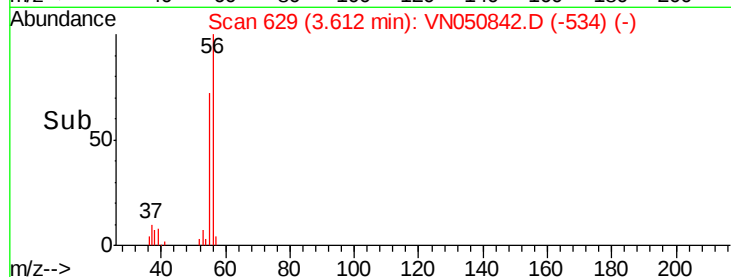
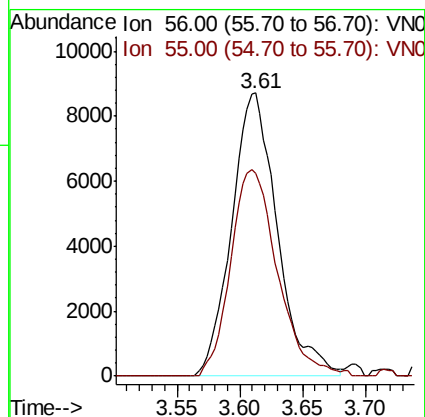
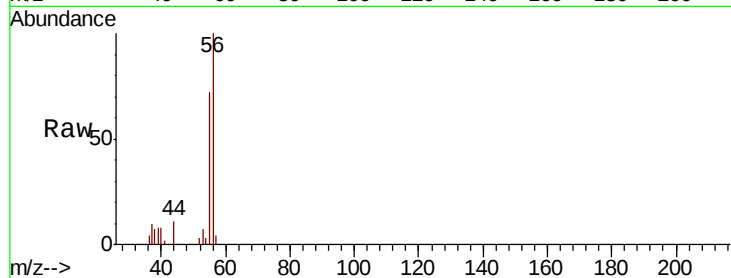
ClientSampleId :

Tot Ion: 56 Resp: 22087

Ion Ratio Lower Upper

56 100

55 74.7 57.7 86.5



#14

Allyl chloride

Concen: 19.27 ug/l

RT: 4.33 min Scan# 851

Delta R.T. 0.00 min

Lab File: VN050842.D

Acq: 23 Aug 2018 10:40

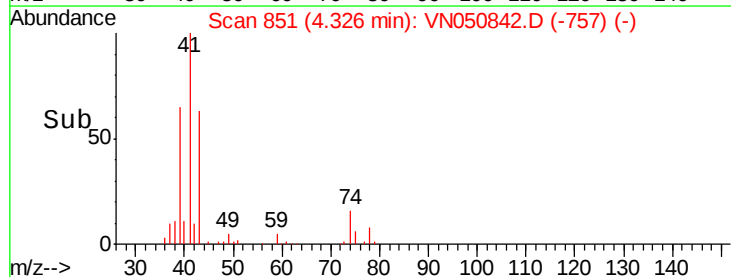
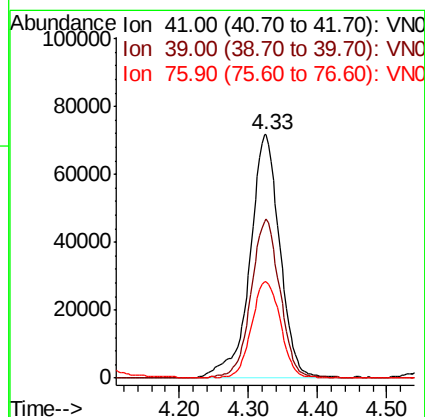
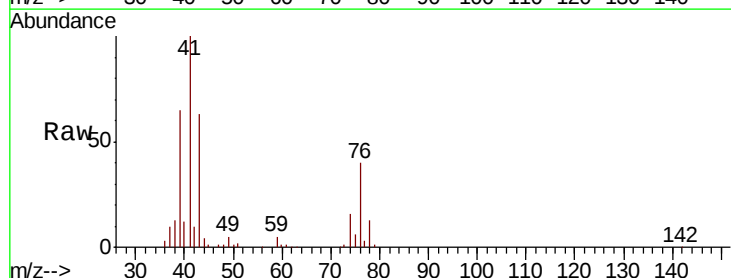
Tgt Ion: 41 Resp: 214591

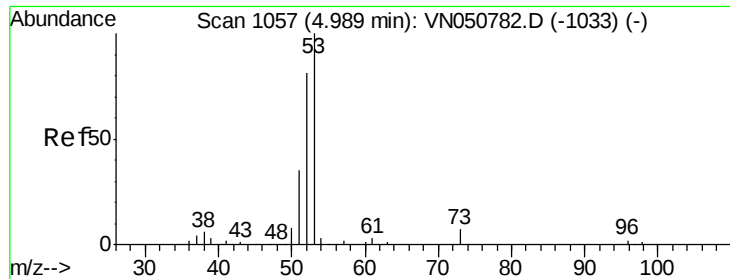
Ion Ratio Lower Upper

41 100

39 63.0 50.2 75.2

76 37.4 29.8 44.8





#15

Acrylonitrile

Concen: 97.54 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. 0.00 min

Lab File: VN050842.D

Acq: 23 Aug 2018 10:40

Instrument :

MSVOA_N

ClientSampleId :

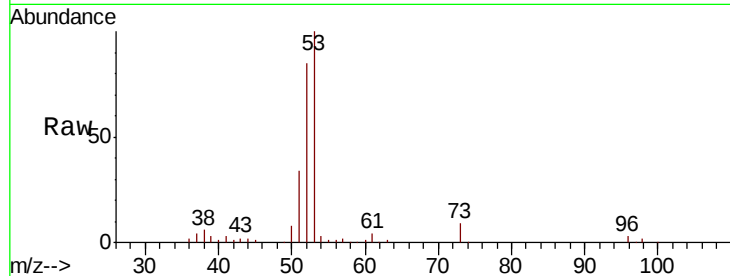
Tot Ion: 53 Resp: 241837

Ion Ratio Lower Upper

53 100

52 81.1 65.9 98.9

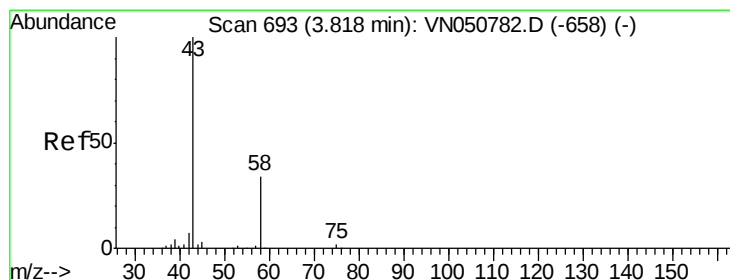
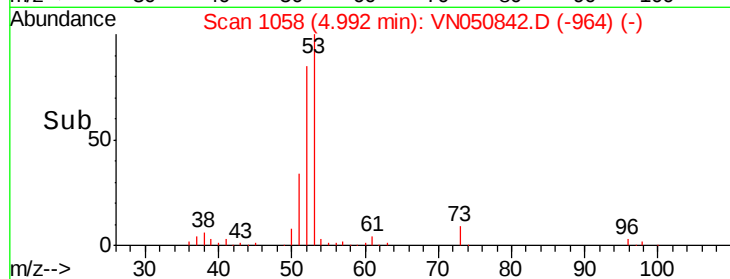
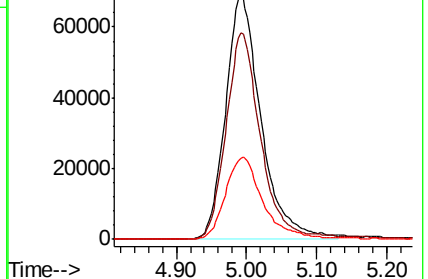
51 35.8 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN050842.D (-964) (-)

Ion 52.00 (51.70 to 52.70): VN050842.D (-964) (-)

Ion 51.00 (50.70 to 51.70): VN050842.D (-964) (-)



#16

Acetone

Concen: 90.38 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050842.D

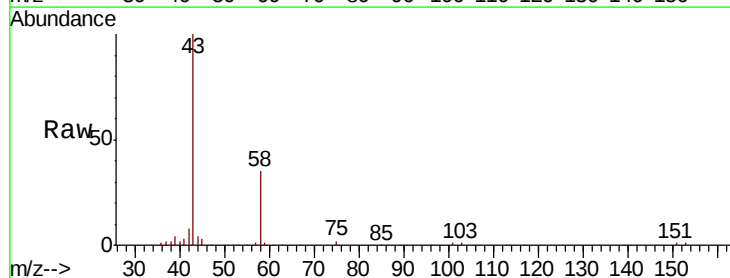
Acq: 23 Aug 2018 10:40

Tgt Ion: 43 Resp: 172139

Ion Ratio Lower Upper

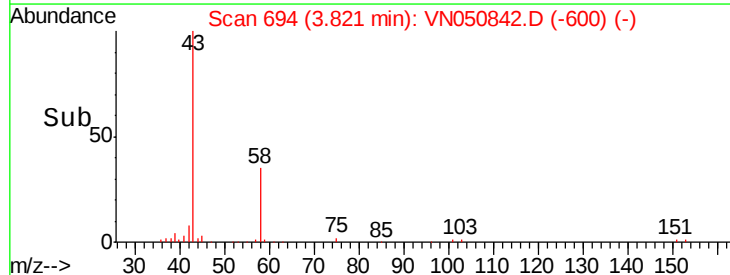
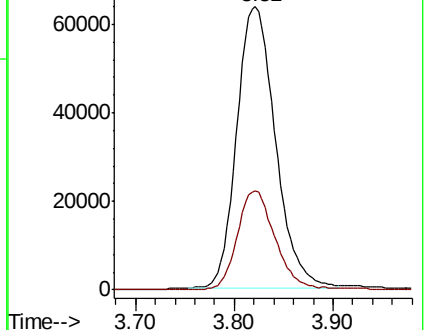
43 100

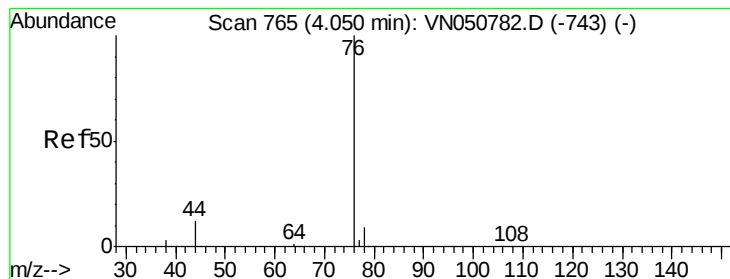
58 35.5 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN050842.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN050842.D (-600) (-)





#17

Carbon Disulfide

Concen: 17.90 ug/l

RT: 4.05 min Scan# 766

Delta R.T. 0.00 min

Lab File: VN050842.D

Acq: 23 Aug 2018 10:40

Instrument :

MSVOA_N

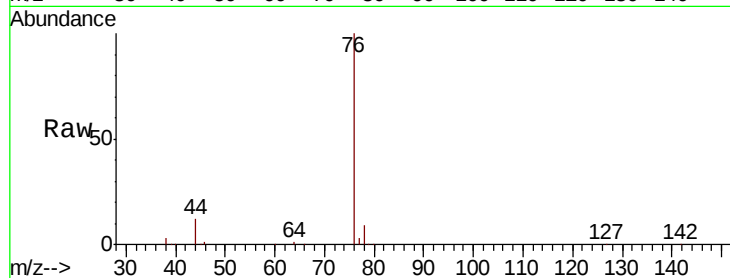
ClientSampleId :

Tot Ion: 76 Resp: 428958

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.05

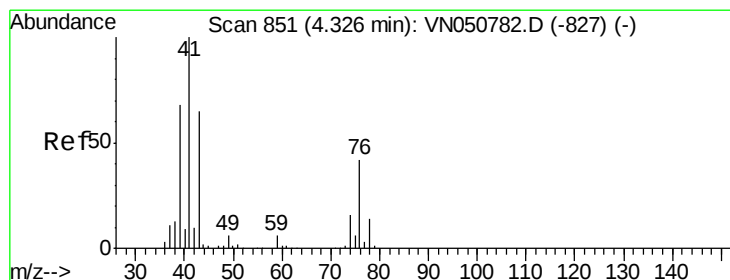
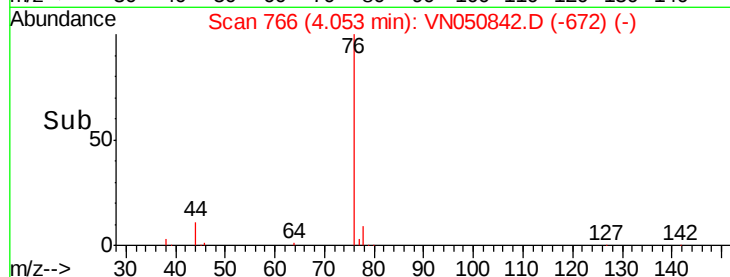
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 18.98 ug/l

RT: 4.33 min Scan# 851

Delta R.T. 0.00 min

Lab File: VN050842.D

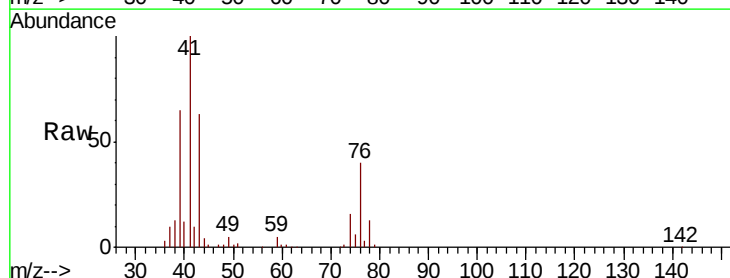
Acq: 23 Aug 2018 10:40

Tgt Ion: 43 Resp: 137309

Ion Ratio Lower Upper

43 100

74 24.8 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

50000

40000

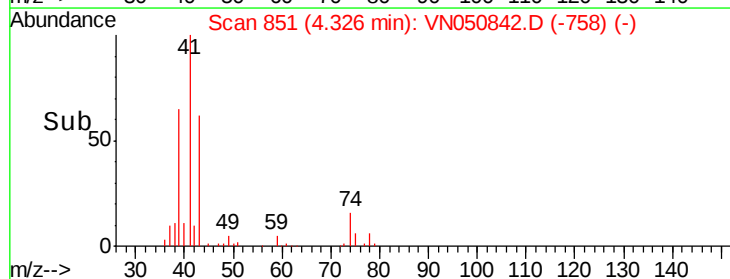
30000

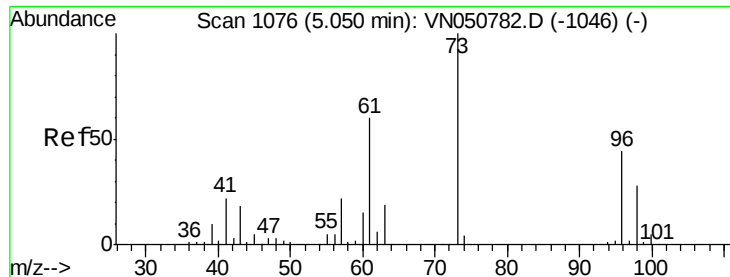
20000

10000

0

Time-->

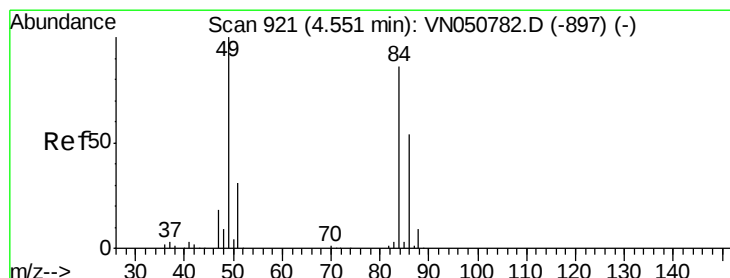
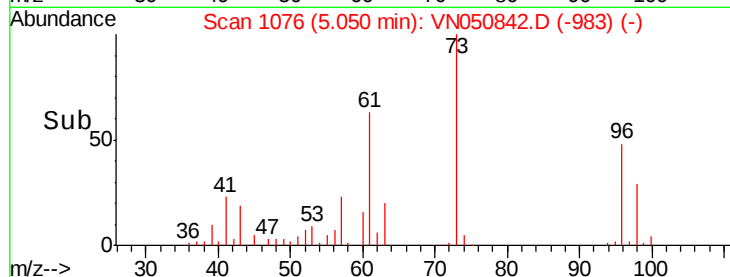
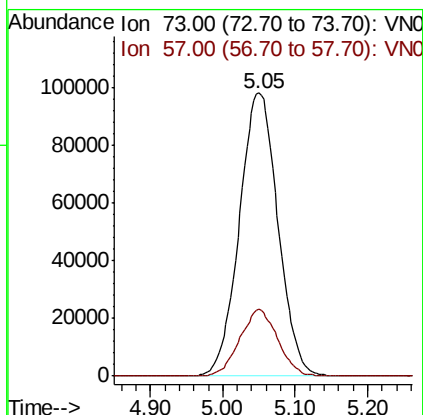
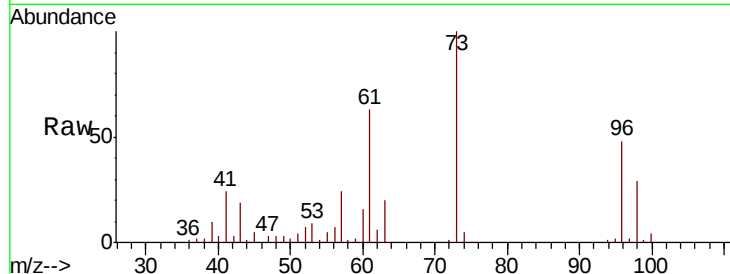




#19
Methyl tert-butyl Ether
Concen: 20.18 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VN050842.D
Acq: 23 Aug 2018 10:40

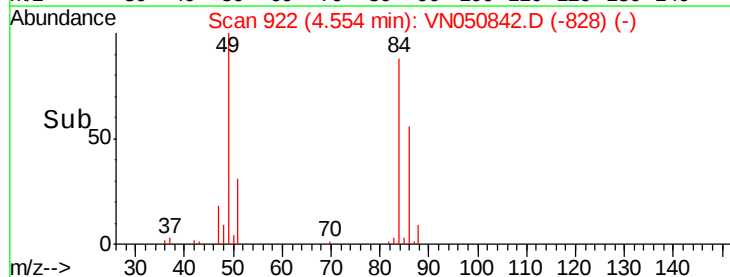
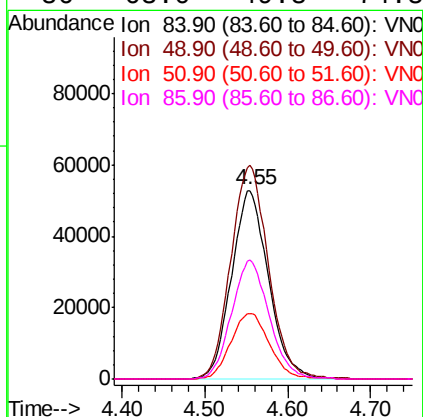
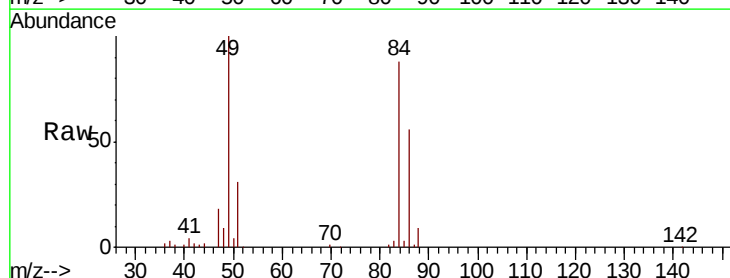
Instrument :
MSVOA_N
ClientSampled :

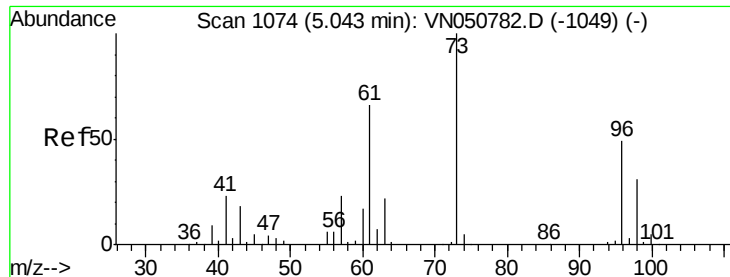
Tot Ion: 73 Resp: 362878
Ion Ratio Lower Upper
73 100
57 23.5 17.8 26.8



#20
Methylene Chloride
Concen: 18.96 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050842.D
Acq: 23 Aug 2018 10:40

Tgt Ion: 84 Resp: 163719
Ion Ratio Lower Upper
84 100
49 113.3 93.2 139.8
51 34.9 29.0 43.6
86 63.0 49.8 74.8

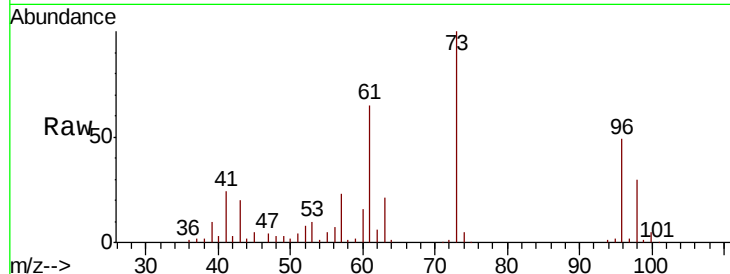




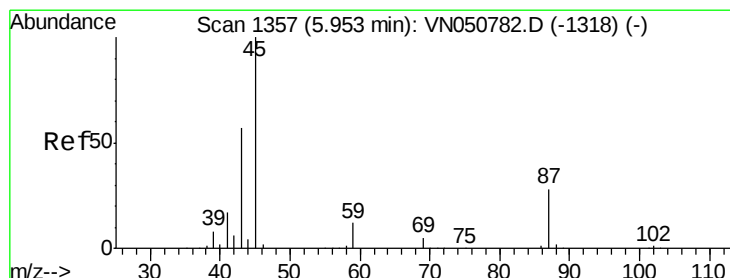
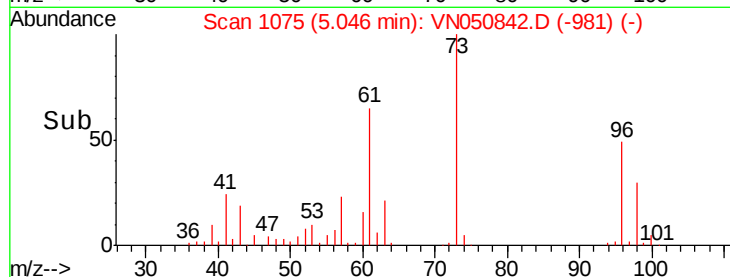
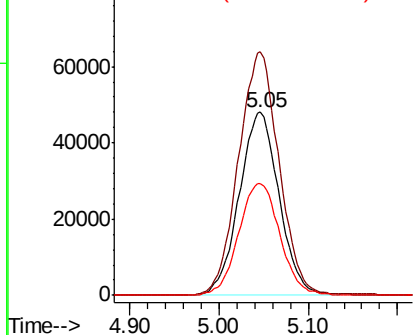
#21
trans-1,2-Dichloroethene
Concen: 19.32 ug/l
RT: 5.05 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VN050842.D
Acq: 23 Aug 2018 10:40

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 149328
Ion Ratio Lower Upper
96 100
61 132.8 107.4 161.0
98 61.3 50.7 76.1

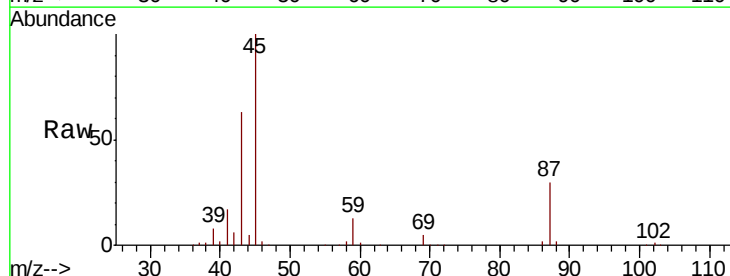


Abundance Ion 95.90 (95.60 to 96.60): VNO
Ion 60.90 (60.60 to 61.60): VNO
Ion 97.90 (97.60 to 98.60): VNO

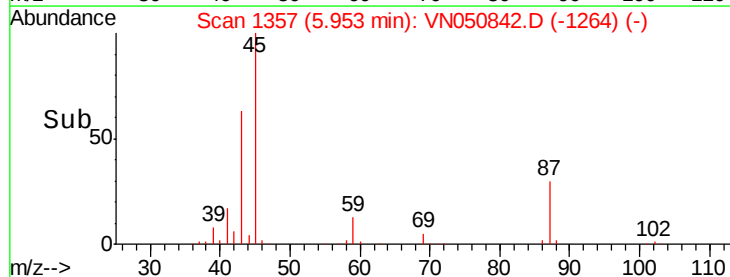
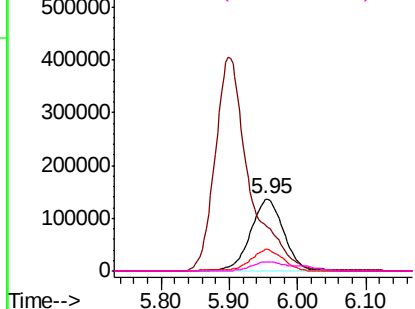


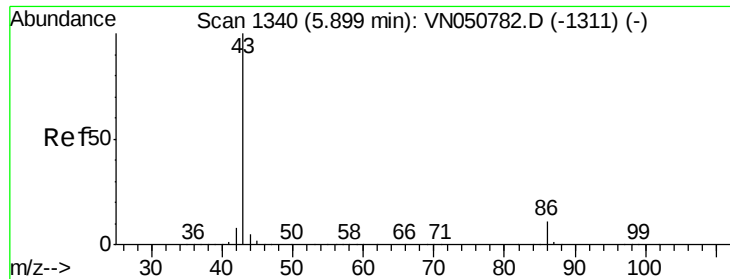
#22
Diisopropyl ether
Concen: 20.67 ug/l
RT: 5.95 min Scan# 1357
Delta R.T. -0.00 min
Lab File: VN050842.D
Acq: 23 Aug 2018 10:40

Tgt Ion: 45 Resp: 458690
Ion Ratio Lower Upper
45 100
43 61.6 45.9 68.9
87 29.6 22.7 34.1
59 12.4 9.3 13.9



Abundance Ion 45.00 (44.70 to 45.70): VNO
Ion 43.00 (42.70 to 43.70): VNO
Ion 87.00 (86.70 to 87.70): VNO
Ion 59.00 (58.70 to 59.70): VNO

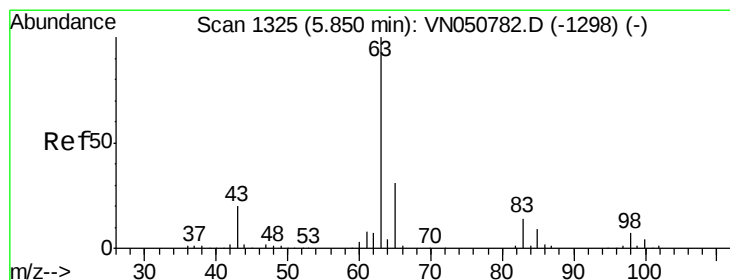
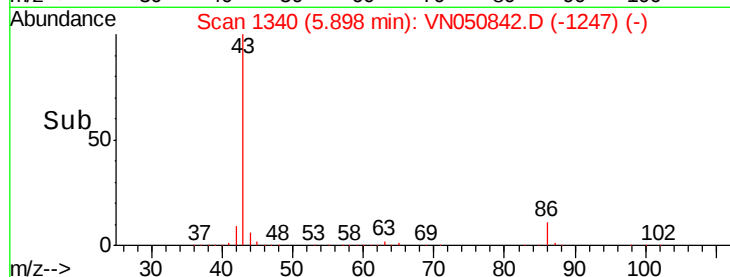
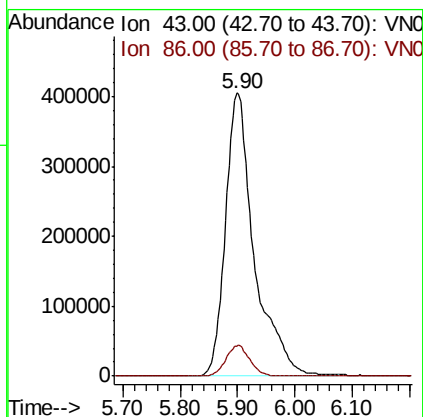
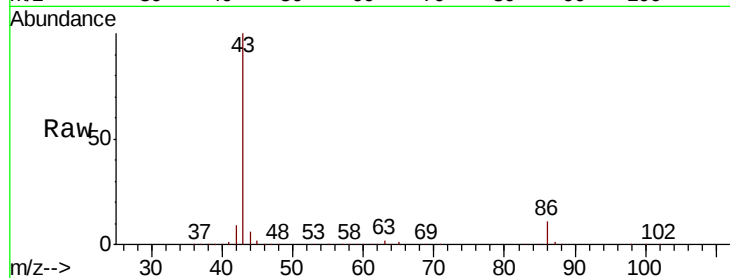




#23
 Vinyl Acetate
 Concen: 98.97 ug/l
 RT: 5.90 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VN050842.D
 Acq: 23 Aug 2018 10:40

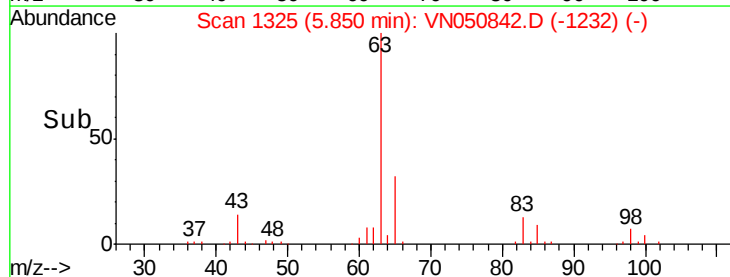
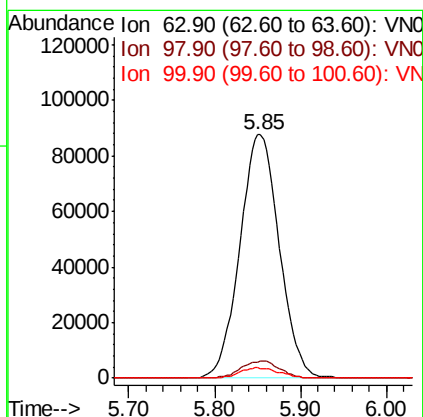
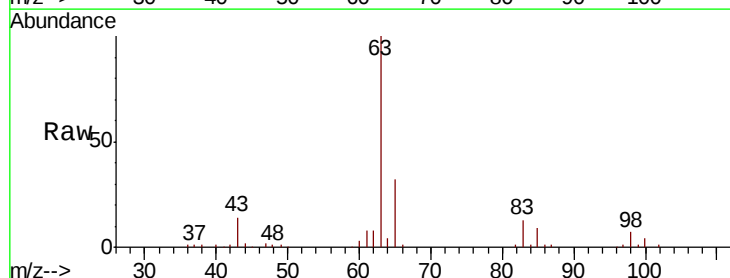
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 43 Resp: 1414620
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 19.59 ug/l
 RT: 5.85 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: VN050842.D
 Acq: 23 Aug 2018 10:40

Tgt Ion: 63 Resp: 279170
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.8
 100 4.2 2.1 6.5

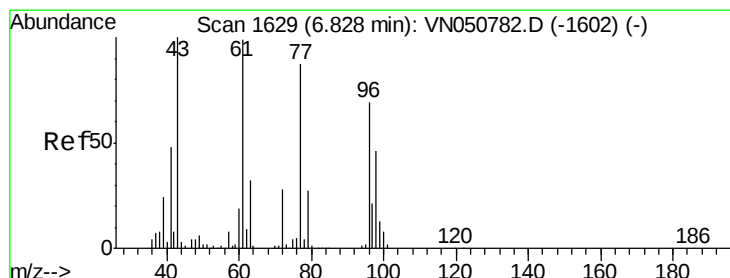
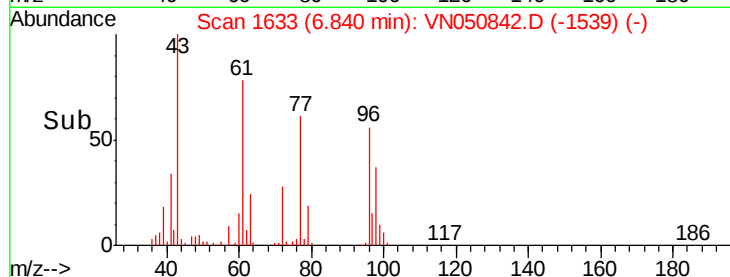
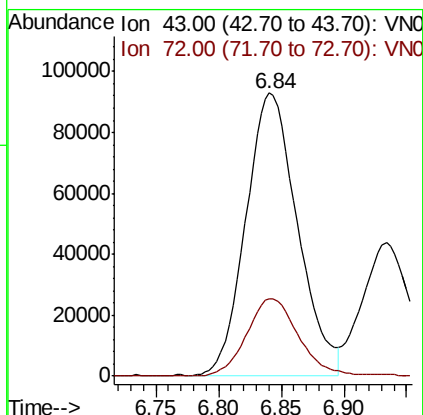
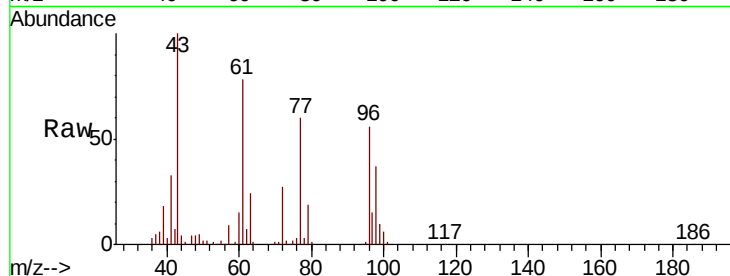




#25
2-Butanone
Concen: 85.87 ug/l
RT: 6.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VN050842.D
Acq: 23 Aug 2018 10:40

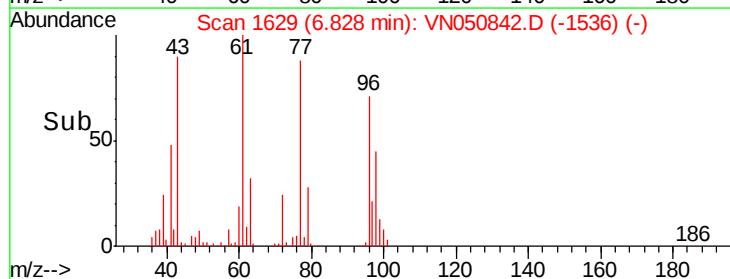
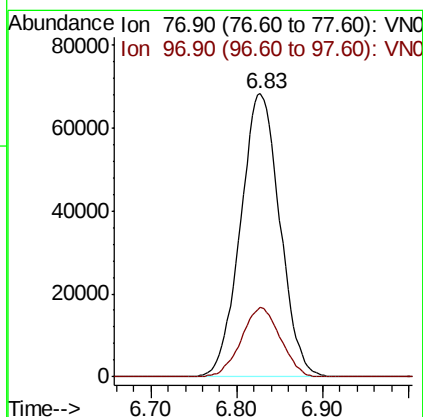
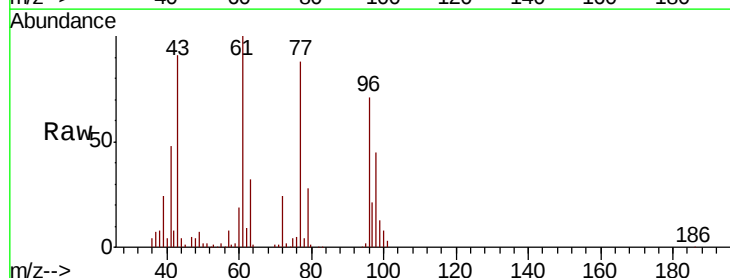
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 265098
Ion Ratio Lower Upper
43 100
72 27.5 22.3 33.5



#26
2,2-Dichloropropane
Concen: 18.96 ug/l
RT: 6.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VN050842.D
Acq: 23 Aug 2018 10:40

Tgt Ion: 77 Resp: 217114
Ion Ratio Lower Upper
77 100
97 24.4 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 20.23 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VN050842.D

Acq: 23 Aug 2018 10:40

Instrument :
MSVOA_N
ClientSampled :

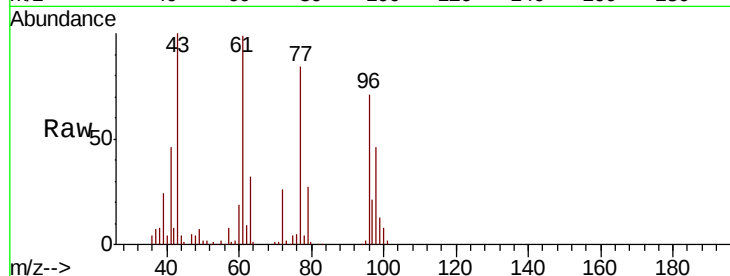
Tot Ion: 96 Resp: 168562

Ion Ratio Lower Upper

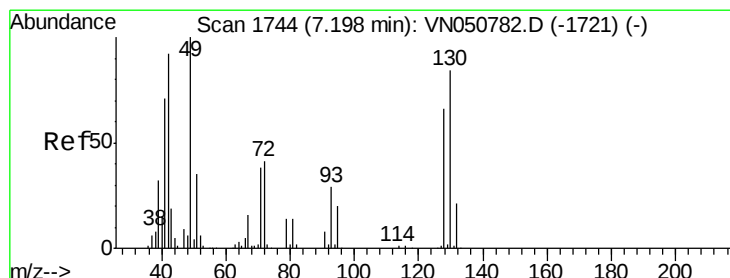
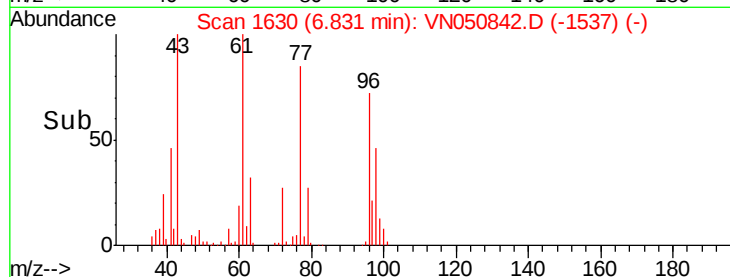
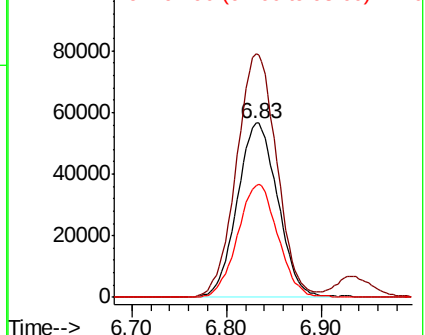
96 100

61 138.7 0.0 283.4

98 64.3 0.0 129.8



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



#28

Bromochloromethane

Concen: 19.59 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. -0.00 min

Lab File: VN050842.D

Acq: 23 Aug 2018 10:40

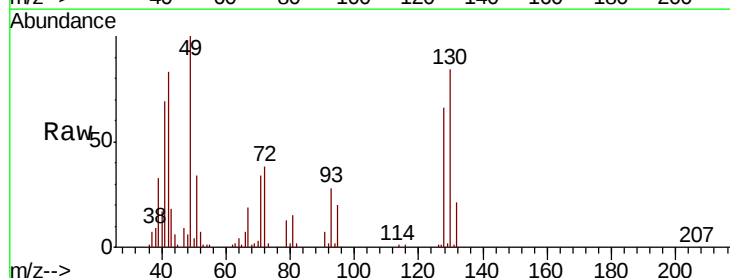
Tgt Ion: 49 Resp: 118628

Ion Ratio Lower Upper

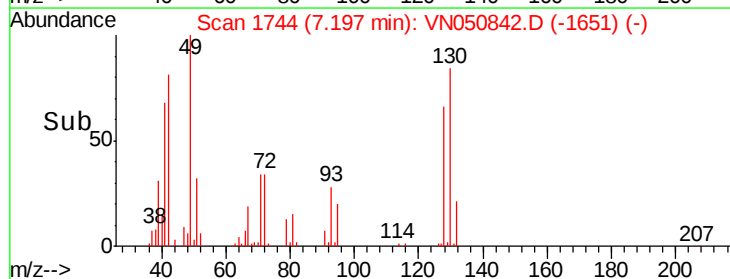
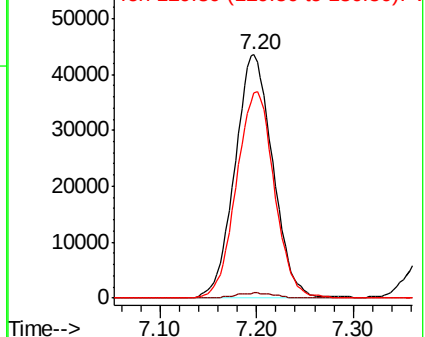
49 100

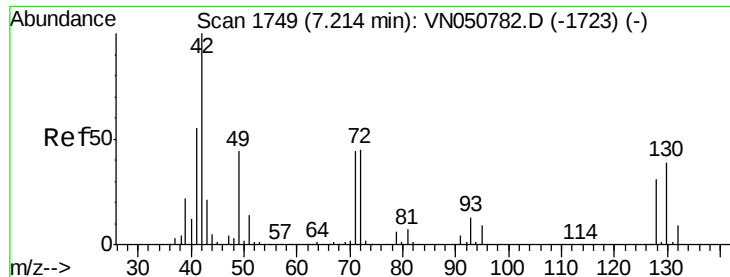
129 2.0 0.0 4.2

130 84.7 67.1 100.7



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 99.17 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN050842.D

Acq: 23 Aug 2018 10:40

Instrument :

MSVOA_N

ClientSampled :

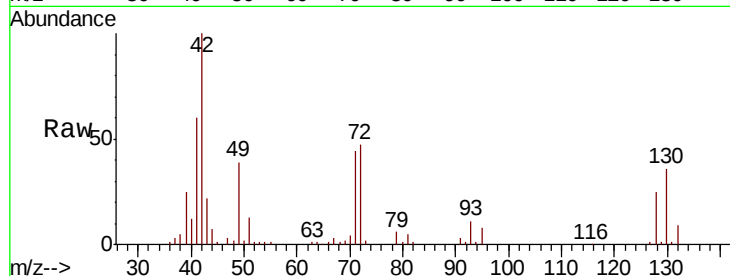
Tot Ion: 42 Resp: 175542

Ion Ratio Lower Upper

42 100

72 46.1 35.5 53.3

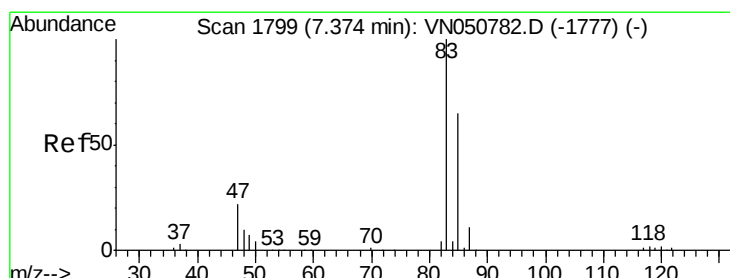
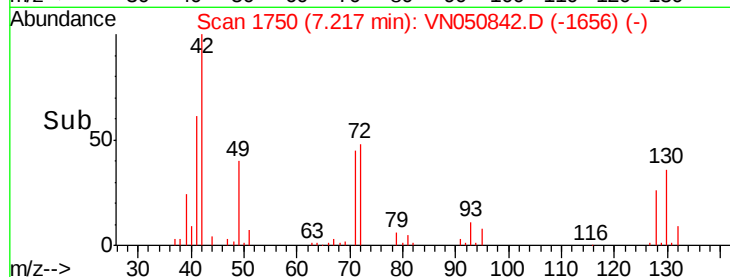
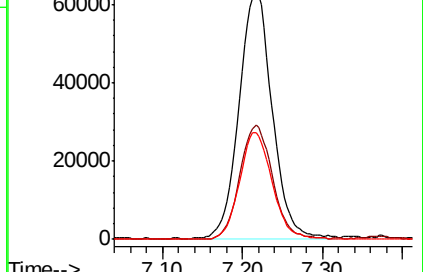
71 42.8 33.7 50.5



Abundance Ion 42.00 (41.70 to 42.70): VN050842.D (-1750) (-)

Ion 72.00 (71.70 to 72.70): VN050842.D (-1750) (-)

Ion 71.00 (70.70 to 71.70): VN050842.D (-1750) (-)



#30

Chloroform

Concen: 19.84 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN050842.D

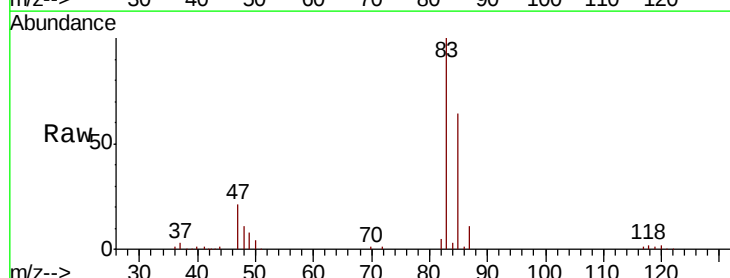
Acq: 23 Aug 2018 10:40

Tgt Ion: 83 Resp: 279909

Ion Ratio Lower Upper

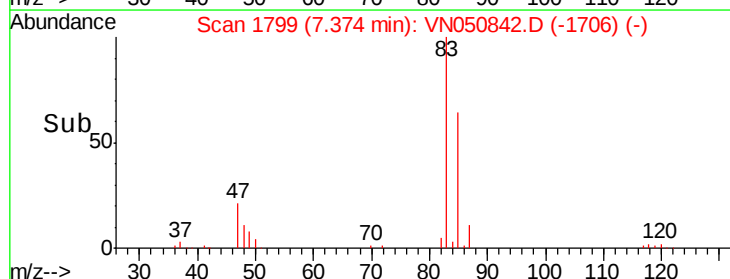
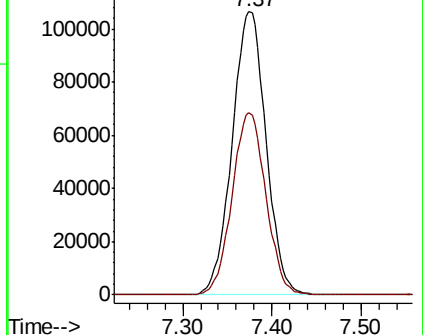
83 100

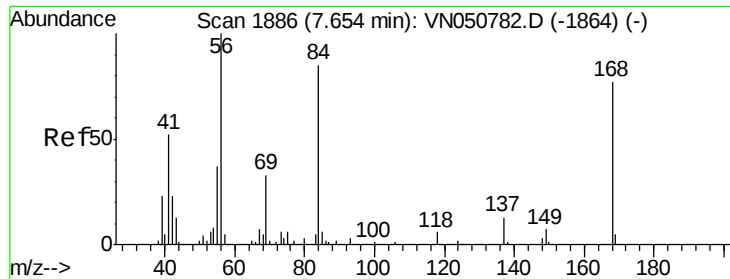
85 64.3 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VN050842.D (-1799) (-)

Ion 84.90 (84.60 to 85.60): VN050842.D (-1799) (-)





#31

Cyclohexane

Concen: 19.28 ug/l

RT: 7.66 min Scan# 1887

Delta R.T. 0.00 min

Lab File: VN050842.D

Acq: 23 Aug 2018 10:40

Instrument :
MSVOA_N
ClientSampleId :

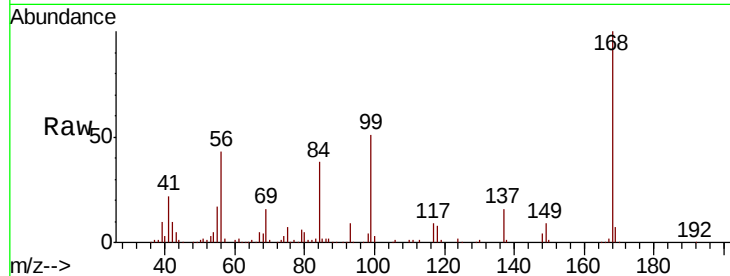
Tot Ion: 56 Resp: 245939

Ion Ratio Lower Upper

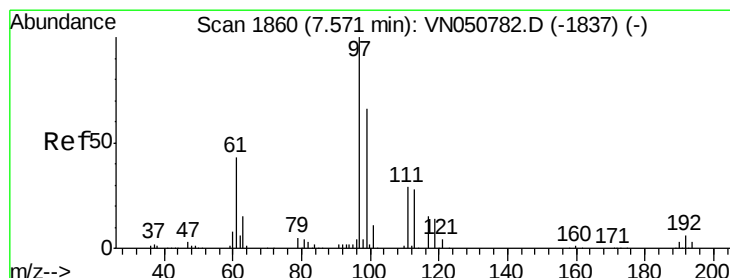
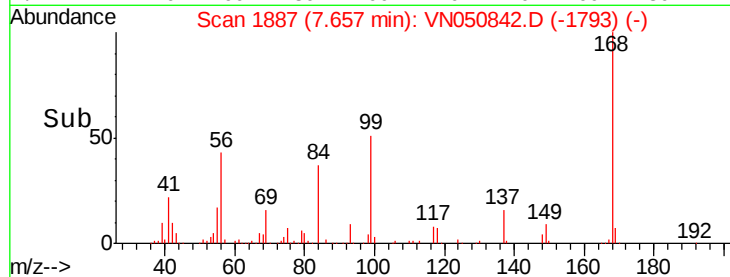
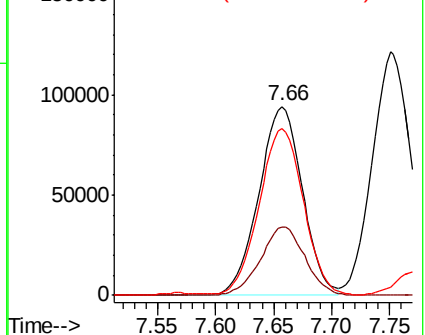
56 100

69 36.4 26.2 39.4

84 87.0 68.3 102.5



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO



#32

1,1,1-Trichloroethane

Concen: 19.62 ug/l

RT: 7.57 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VN050842.D

Acq: 23 Aug 2018 10:40

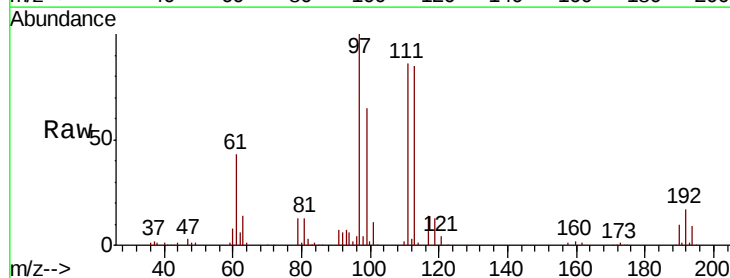
Tgt Ion: 97 Resp: 237790

Ion Ratio Lower Upper

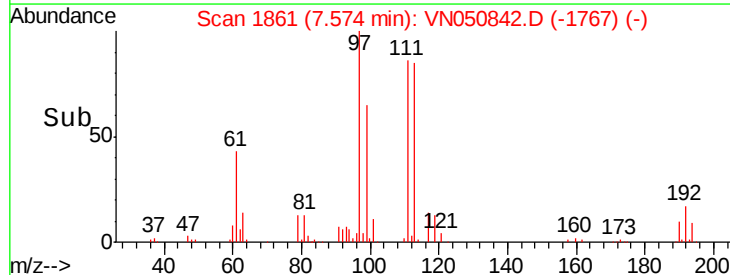
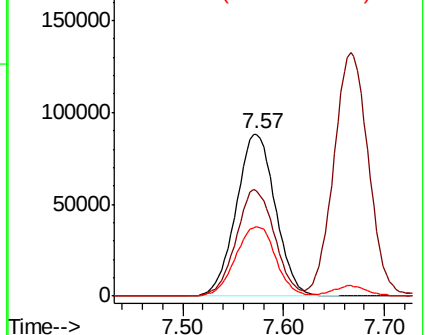
97 100

99 64.3 51.8 77.6

61 43.6 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO

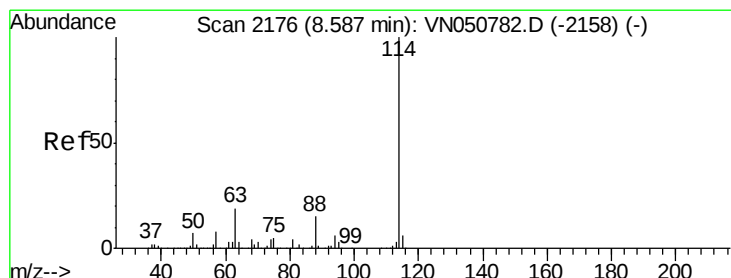
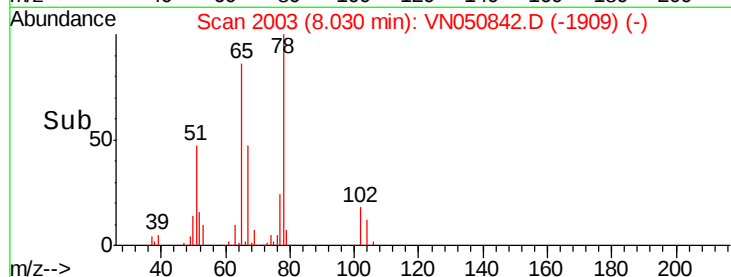
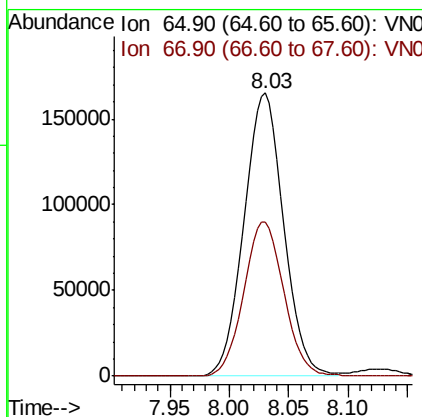
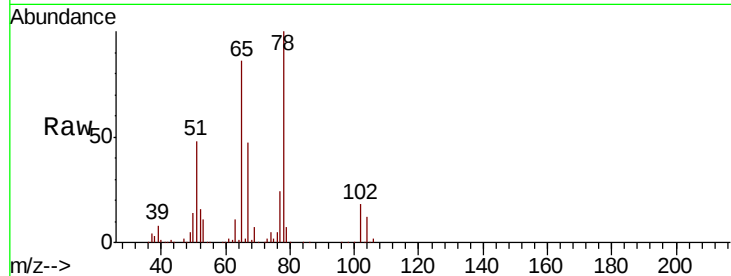




#33
 1,2-Dichloroethane-d4
 Concen: 49.79 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050842.D
 Acq: 23 Aug 2018 10:40

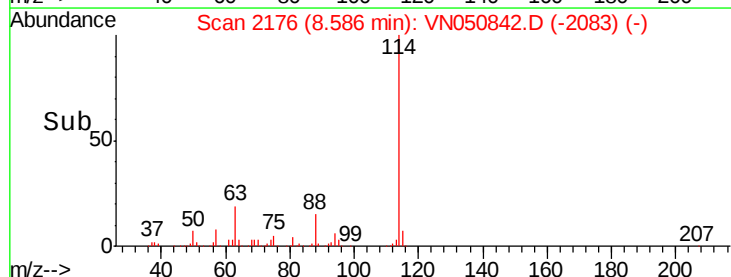
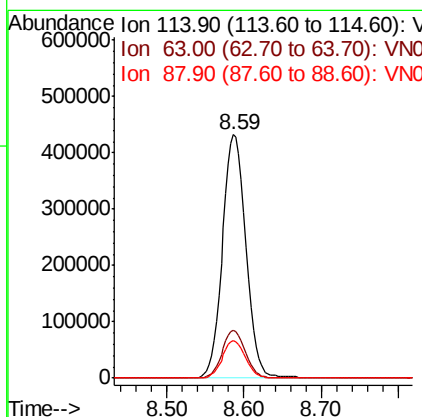
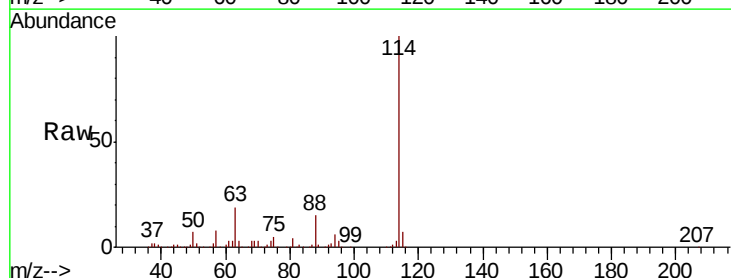
Instrument :
 MSVOA_N
 ClientSampleId :

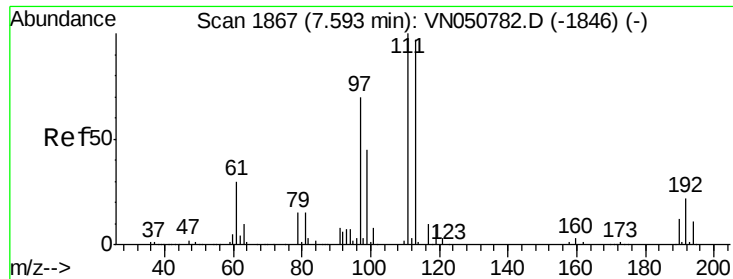
Tot Ion: 65 Resp: 381421
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050842.D
 Acq: 23 Aug 2018 10:40

Tgt Ion: 114 Resp: 911468
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.6
 88 15.4 0.0 30.6

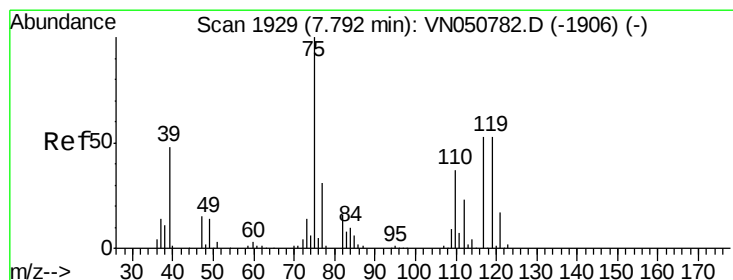
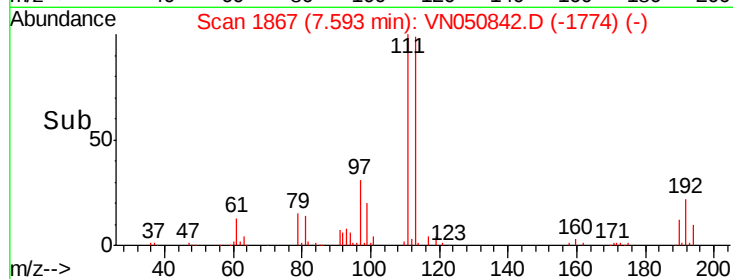
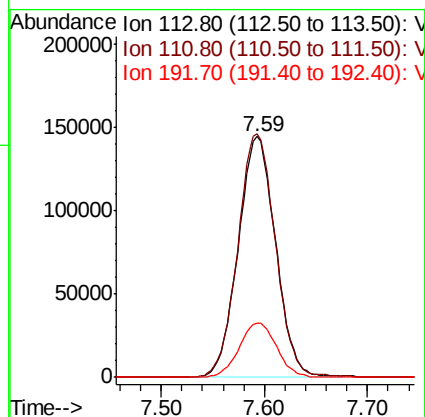
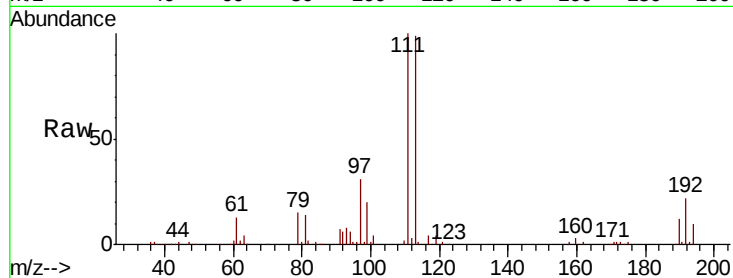




#35
 Dibromofluoromethane
 Concen: 50.13 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050842.D
 Acq: 23 Aug 2018 10:40

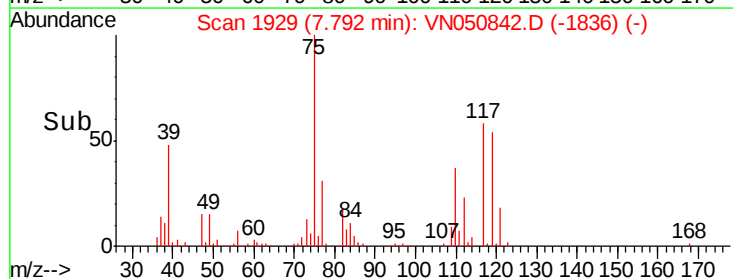
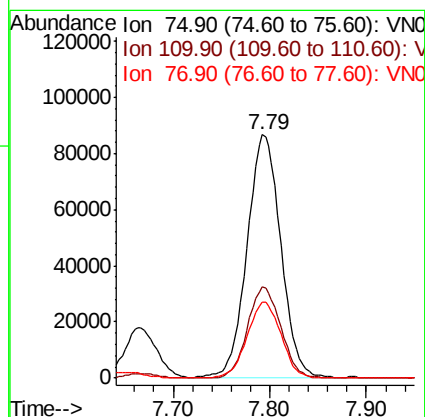
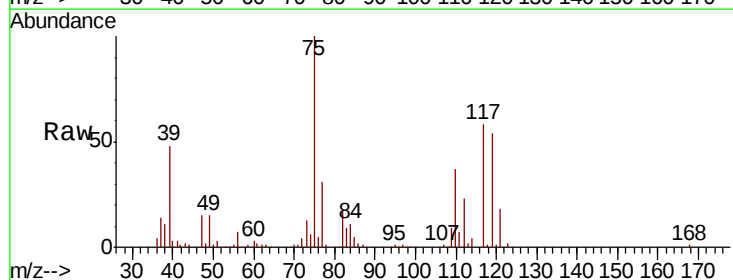
Instrument :
 MSVOA_N
 ClientSampleId :

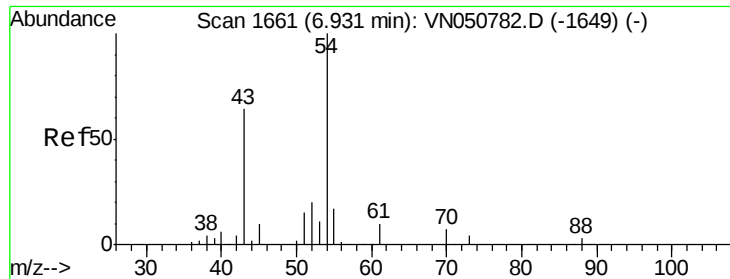
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.6	123.8
192	22.6	18.0	27.0



#36
 1,1-Dichloropropene
 Concen: 19.44 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. -0.00 min
 Lab File: VN050842.D
 Acq: 23 Aug 2018 10:40

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.1	18.1	54.4
77	31.0	24.8	37.2

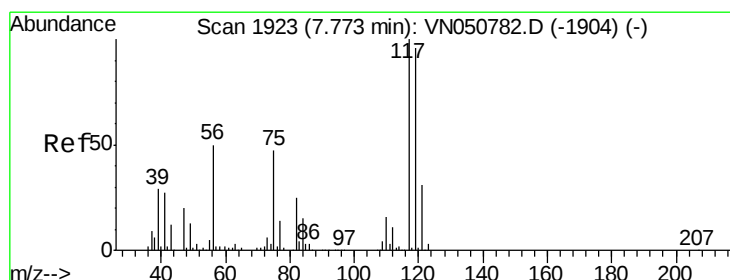
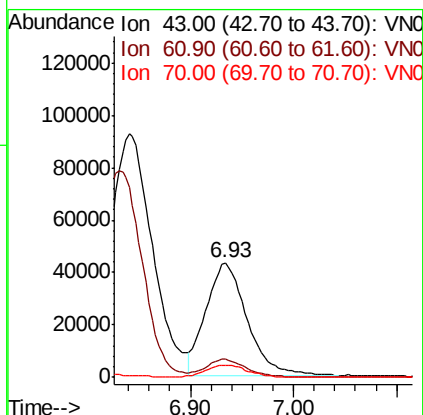
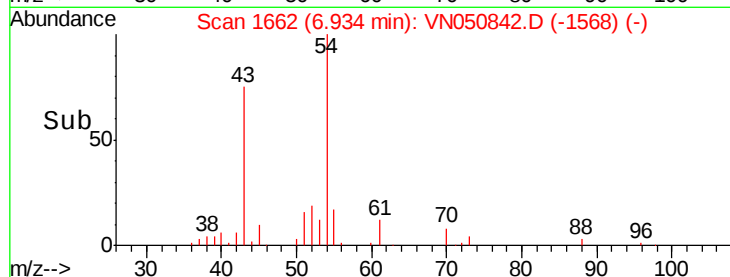
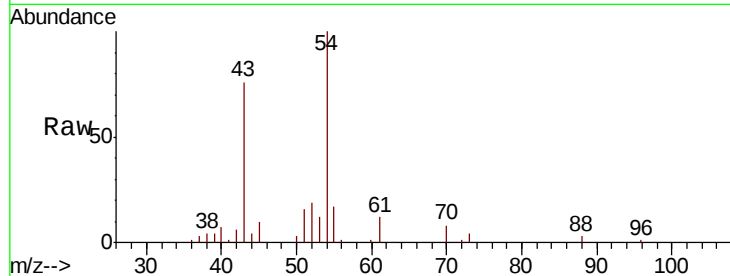




#37
Ethyl Acetate
Concen: 19.34 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN050842.D
Acq: 23 Aug 2018 10:40

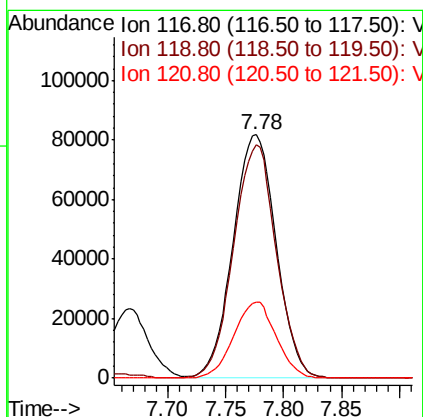
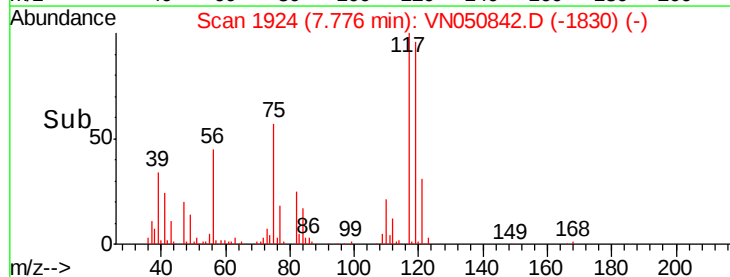
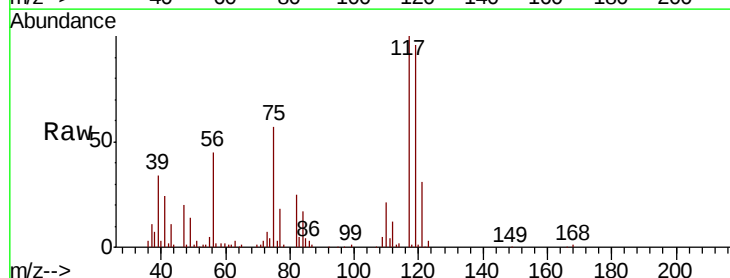
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 119473
Ion Ratio Lower Upper
43 100
61 14.7 12.0 18.0
70 11.3 8.6 13.0



#38
Carbon Tetrachloride
Concen: 19.50 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VN050842.D
Acq: 23 Aug 2018 10:40

Tgt Ion: 117 Resp: 211974
Ion Ratio Lower Upper
117 100
119 95.6 76.3 114.5
121 31.4 24.6 36.8

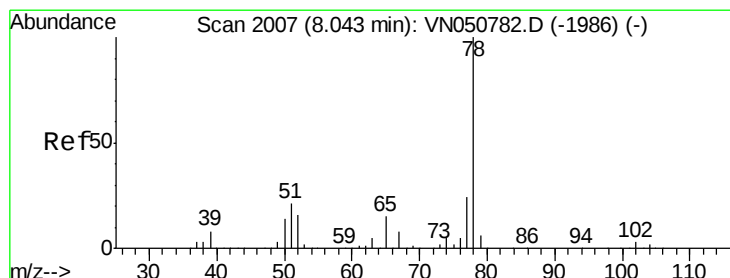
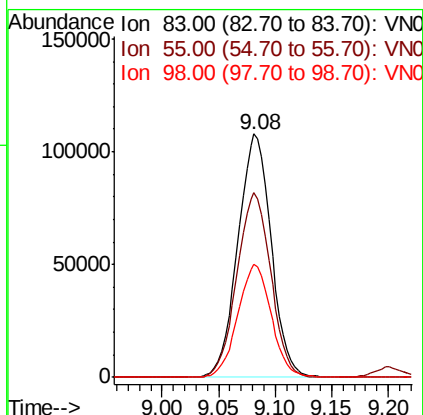
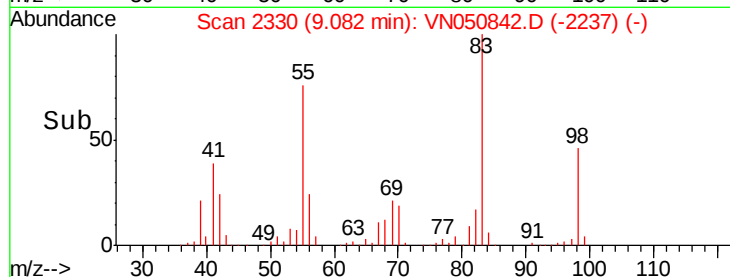
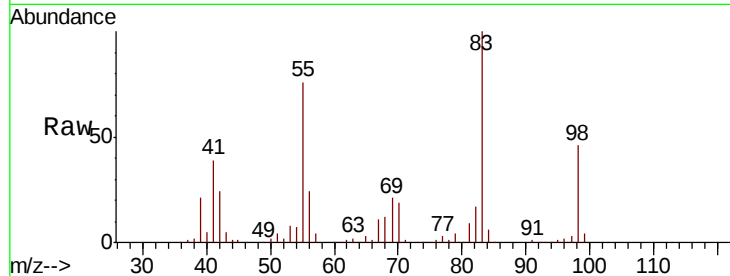




#39
Methvlcvclohexane
Concen: 19.02 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN050842.D
Acq: 23 Aug 2018 10:40

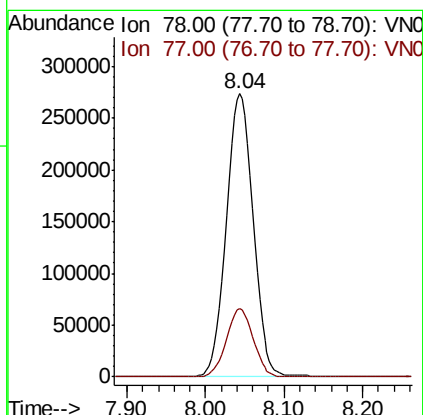
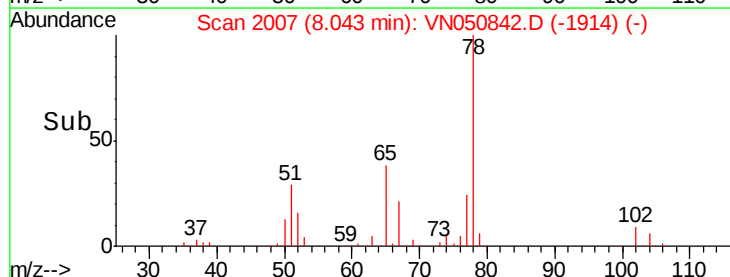
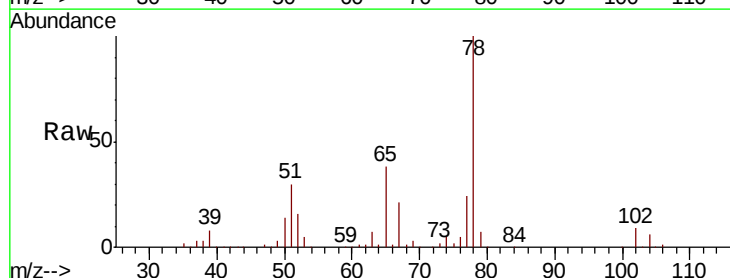
Instrument :
MSVOA_N
ClientSampled :

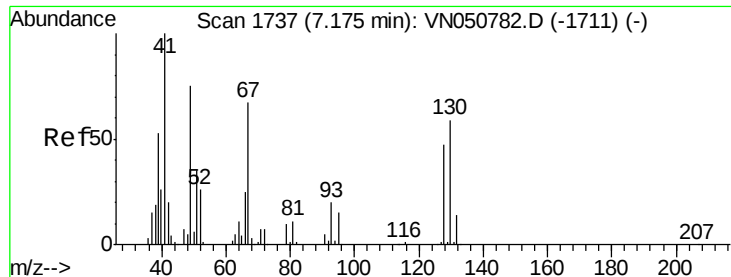
Tot Ion	Ratio	Lower	Upper
83	100		
55	76.1	61.0	91.4
98	46.3	37.5	56.3



#40
Benzene
Concen: 19.99 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VN050842.D
Acq: 23 Aug 2018 10:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.0	28.4

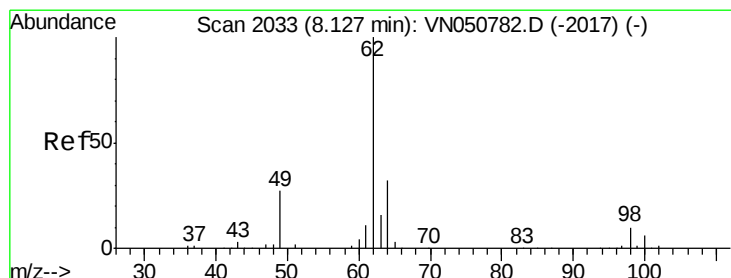
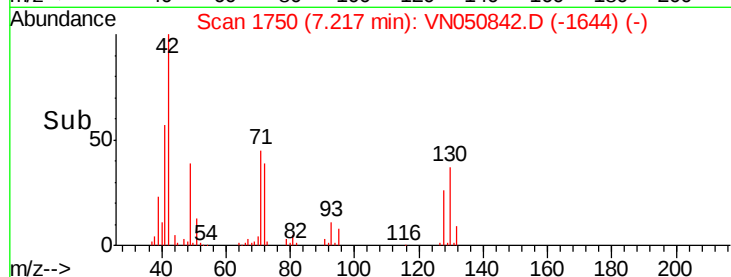
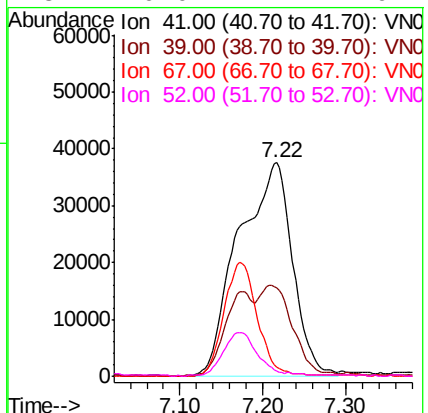
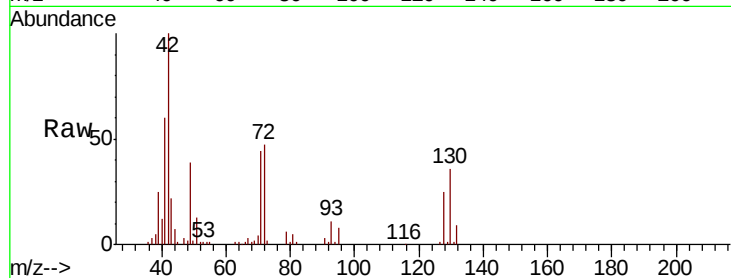




#41
Methacrylonitrile
Concen: 50.64 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. 0.04 min
Lab File: VN050842.D
Acq: 23 Aug 2018 10:40

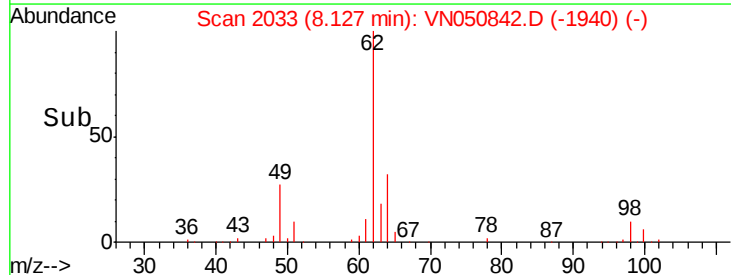
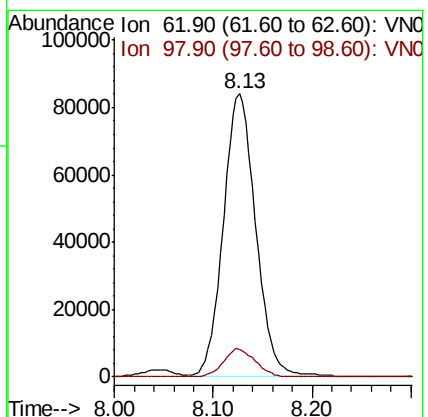
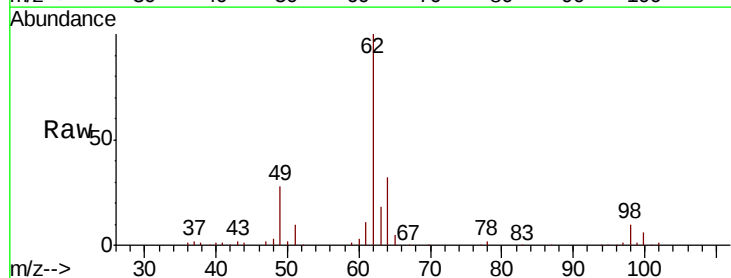
Instrument :
MSVOA_N
ClientSampled :

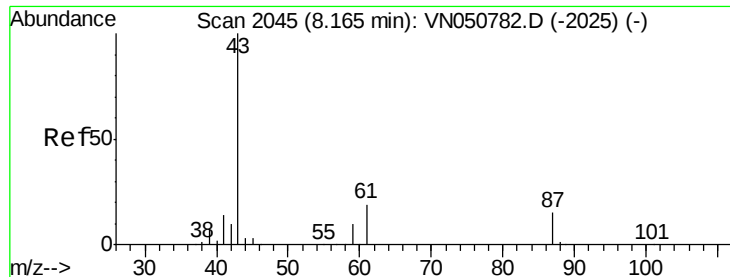
Tot Ion: 41 Resp: 169330
Ion Ratio Lower Upper
41 100
39 0.0 45.4 68.0#
67 0.0 70.6 106.0#
52 0.0 27.1 40.7#



#42
1,2-Dichloroethane
Concen: 19.81 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. -0.00 min
Lab File: VN050842.D
Acq: 23 Aug 2018 10:40

Tgt Ion: 62 Resp: 192055
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.6





#43

Isopropyl Acetate

Concen: 19.96 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN050842.D

Acq: 23 Aug 2018 10:40

Instrument :

MSVOA_N

ClientSampleId :

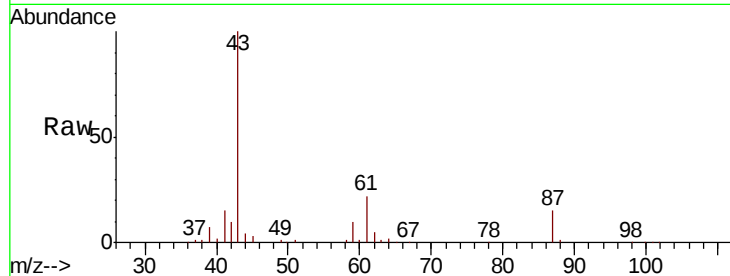
Tot Ion: 43 Resp: 212016

Ion Ratio Lower Upper

43 100

61 20.8 17.5 26.3

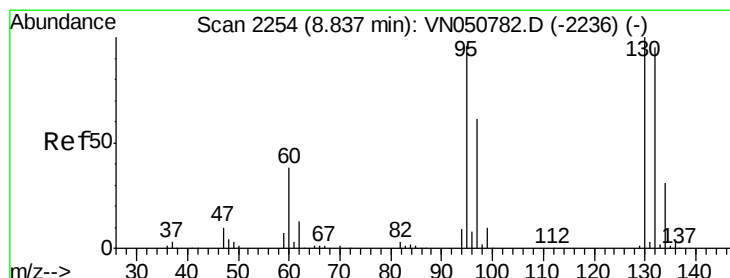
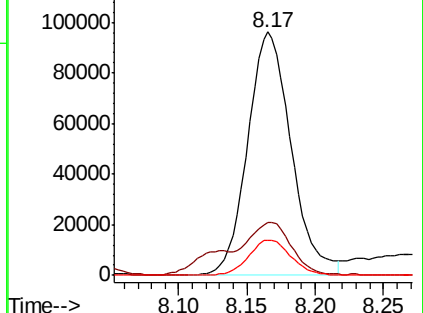
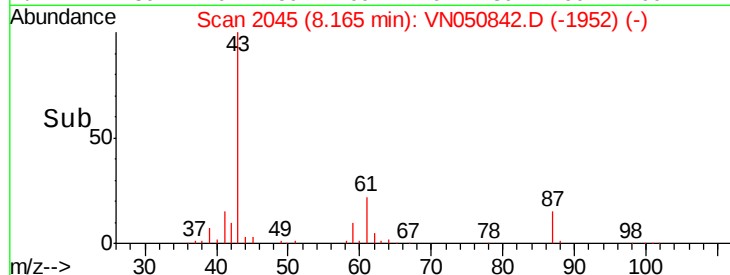
87 14.1 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VN050782.D (-2025) (-)

Ion 61.00 (60.70 to 61.70): VN050782.D (-2025) (-)

Ion 87.00 (86.70 to 87.70): VN050782.D (-2025) (-)



#44

Trichloroethene

Concen: 19.70 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. -0.00 min

Lab File: VN050842.D

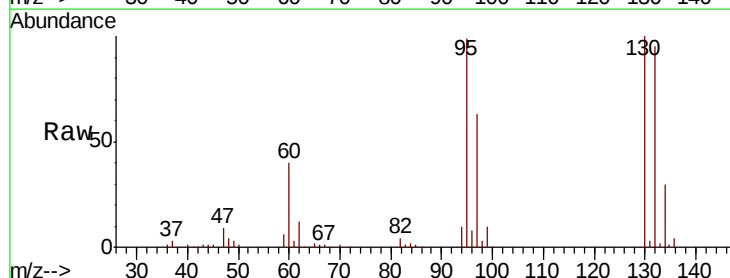
Acq: 23 Aug 2018 10:40

Tgt Ion:130 Resp: 168479

Ion Ratio Lower Upper

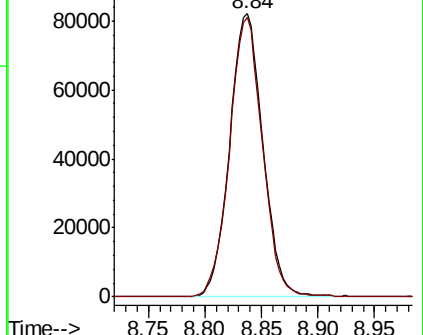
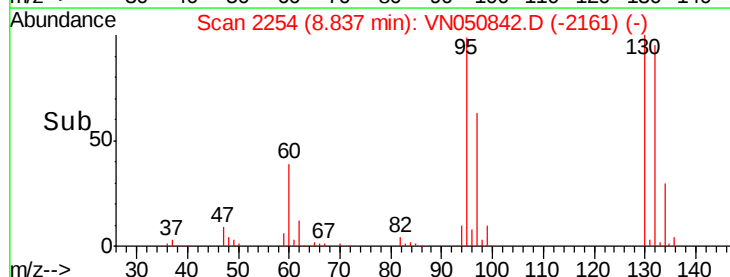
130 100

95 98.7 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): VN050782.D (-2236) (-)

Ion 94.90 (94.60 to 95.60): VN050782.D (-2236) (-)





#45

1,2-Dichloropropane

Concen: 19.40 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. -0.00 min

Lab File: VN050842.D

Acq: 23 Aug 2018 10:40

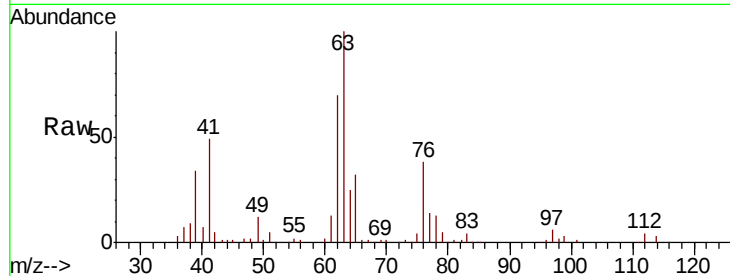
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 63 Resp: 165395

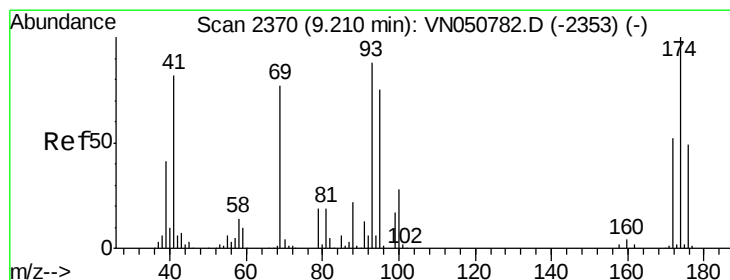
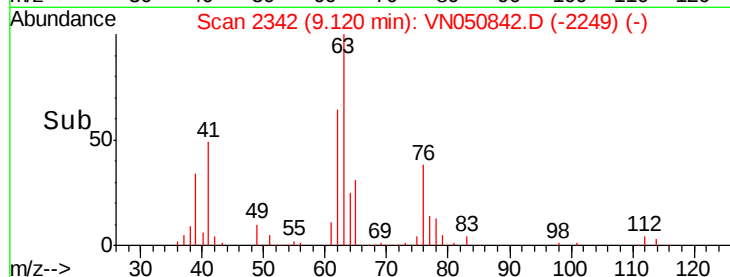
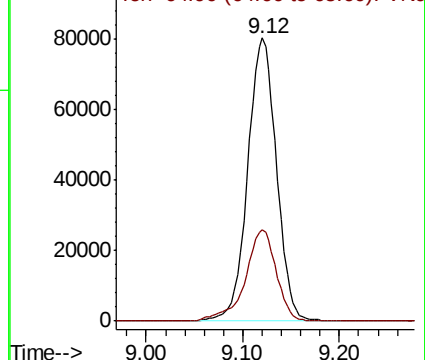
Ion Ratio Lower Upper

63 100

65 32.1 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0
Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.70 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VN050842.D

Acq: 23 Aug 2018 10:40

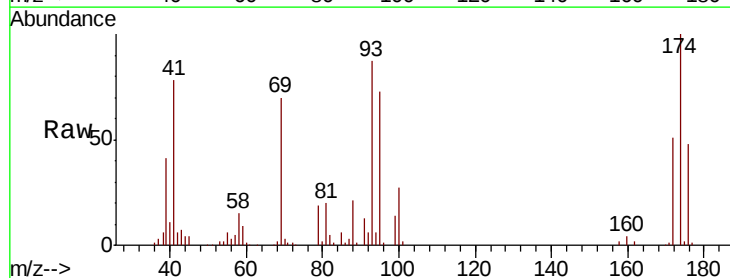
Tgt Ion: 93 Resp: 98667

Ion Ratio Lower Upper

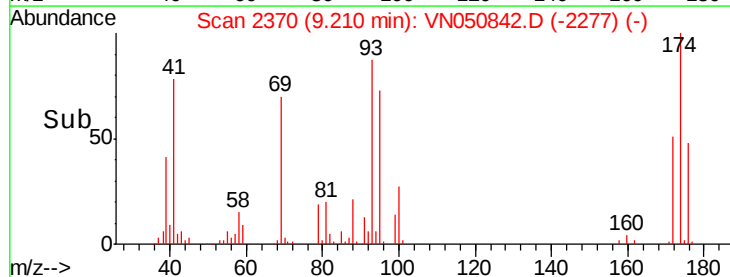
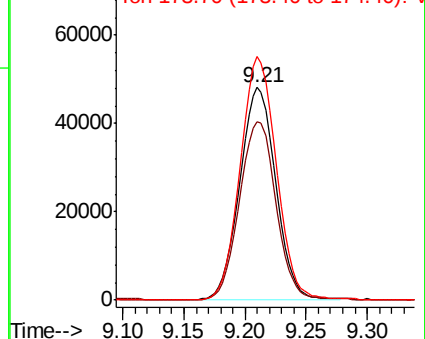
93 100

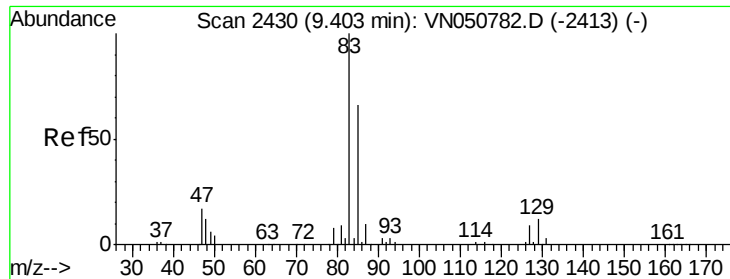
95 85.2 66.7 100.1

174 114.2 89.8 134.6



Abundance Ion 92.80 (92.50 to 93.50): VN0
Ion 94.80 (94.50 to 95.50): VN0
Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.78 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN050842.D

Acq: 23 Aug 2018 10:40

Instrument :

MSVOA_N

ClientSampled :

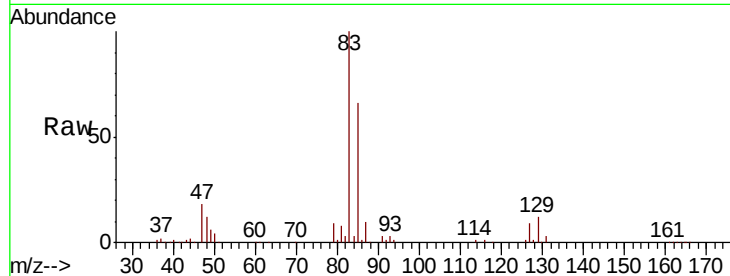
Tot Ion: 83 Resp: 207482

Ion Ratio Lower Upper

83 100

85 66.0 52.6 78.8

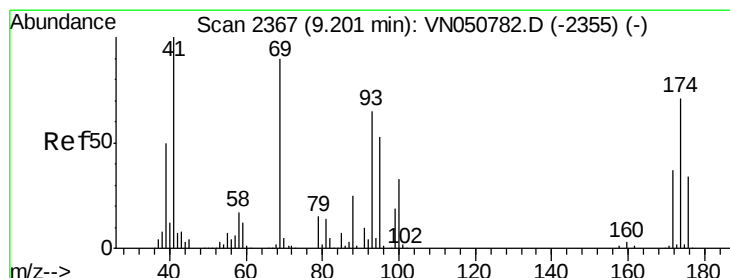
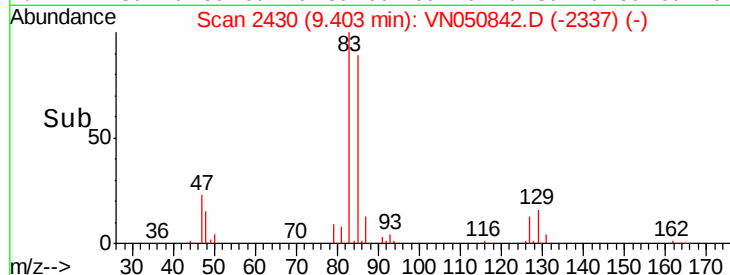
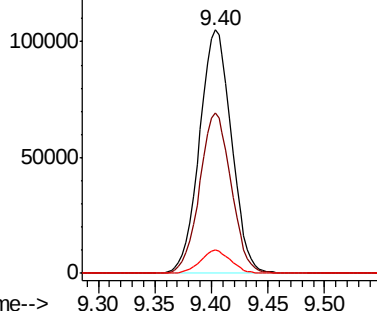
127 9.4 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN050842.D (-2413) (-)

Ion 84.90 (84.60 to 85.60): VN050842.D (-2413) (-)

Ion 126.80 (126.50 to 127.50): VN050842.D (-2413) (-)



#48

Methyl methacrylate

Concen: 19.18 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN050842.D

Acq: 23 Aug 2018 10:40

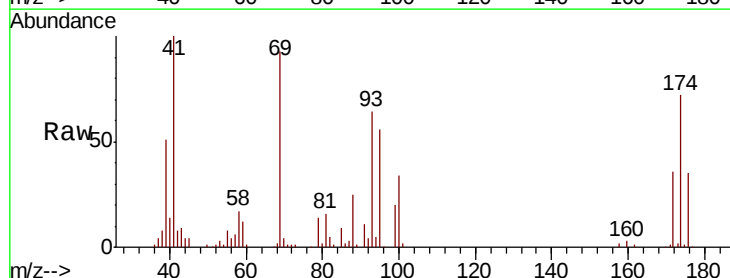
Tgt Ion: 41 Resp: 103859

Ion Ratio Lower Upper

41 100

69 96.6 74.7 112.1

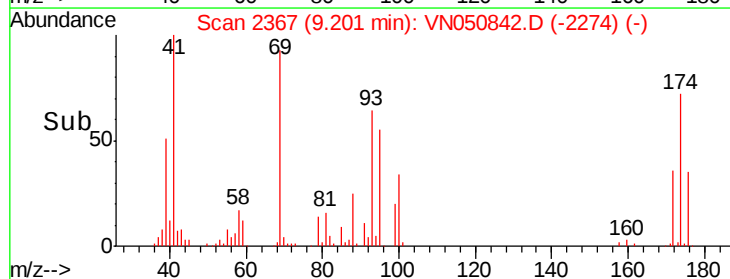
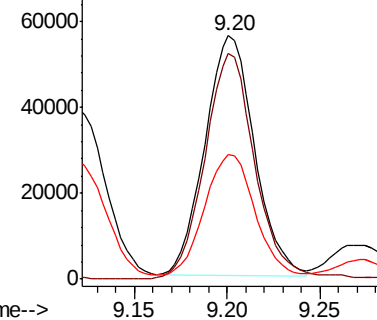
39 53.9 42.2 63.2



Abundance Ion 41.00 (40.70 to 41.70): VN050842.D (-2367) (-)

Ion 69.00 (68.70 to 69.70): VN050842.D (-2367) (-)

Ion 39.00 (38.70 to 39.70): VN050842.D (-2367) (-)





#49

1,4-Dioxane

Concen: 398.43 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN050842.D

Acq: 23 Aug 2018 10:40

Instrument :
MSVOA_N
ClientSampled :

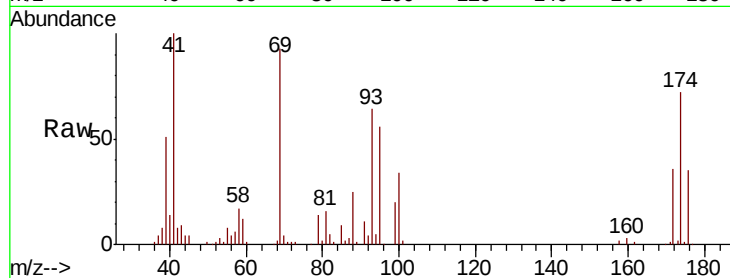
Tot Ion: 88 Resp: 29406

Ion Ratio Lower Upper

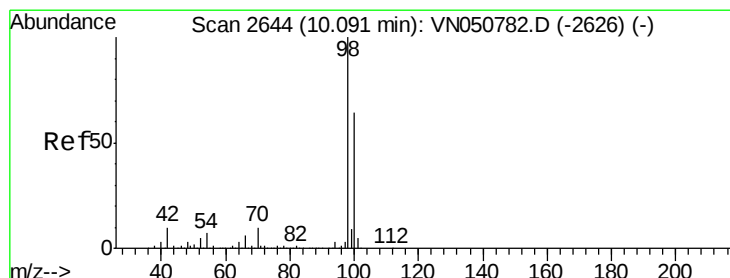
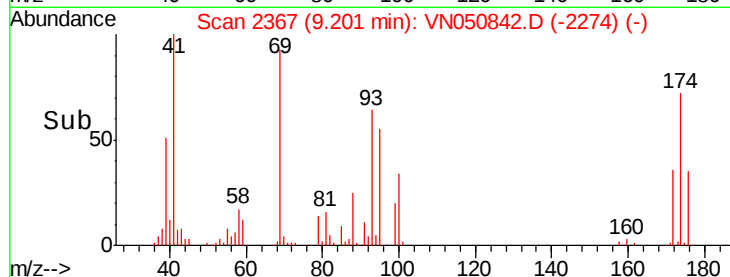
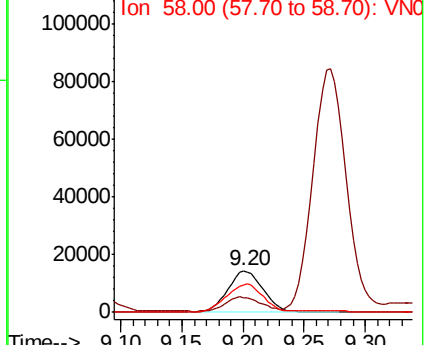
88 100

43 33.8 25.9 38.9

58 70.7 55.0 82.4



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 50.67 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050842.D

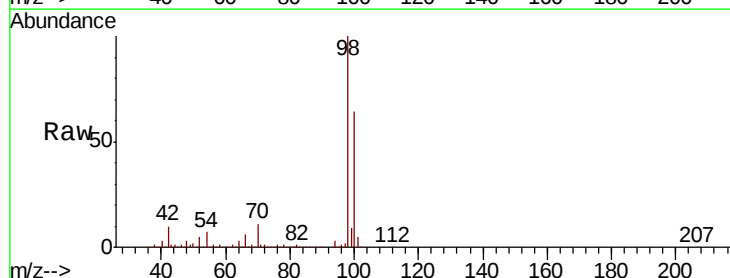
Acq: 23 Aug 2018 10:40

Tgt Ion: 98 Resp: 1373699

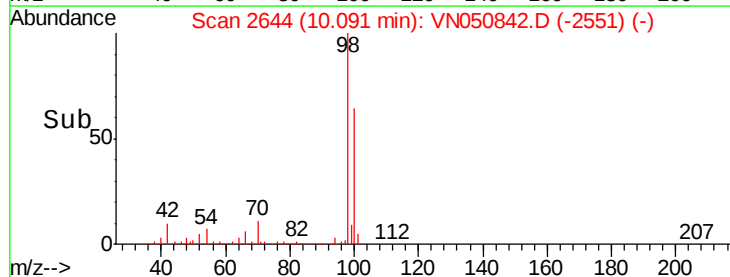
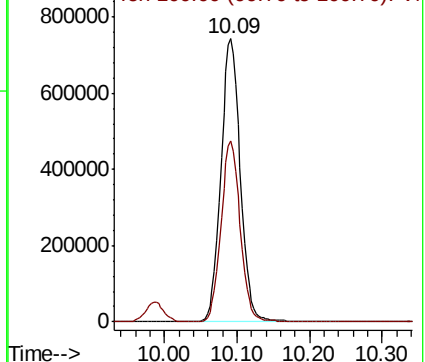
Ion Ratio Lower Upper

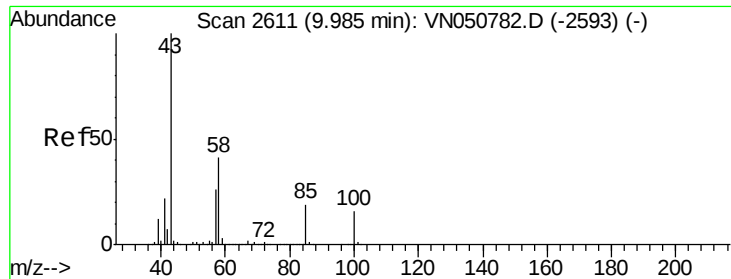
98 100

100 63.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

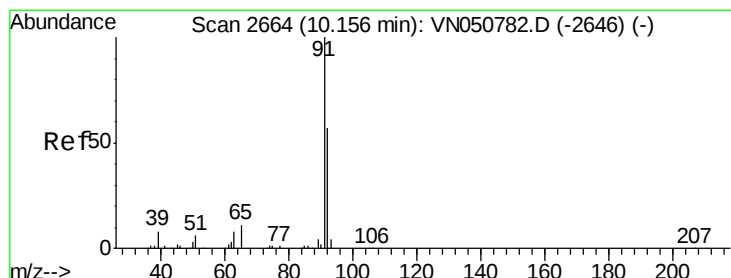
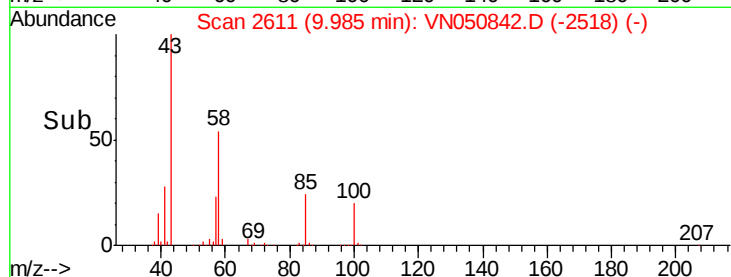
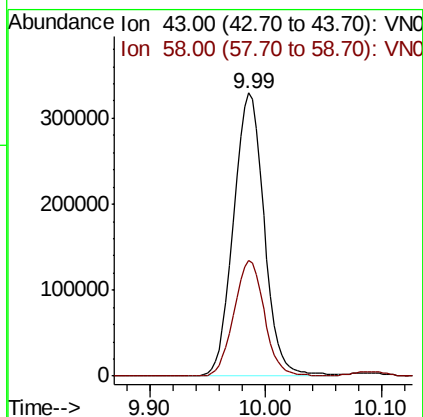
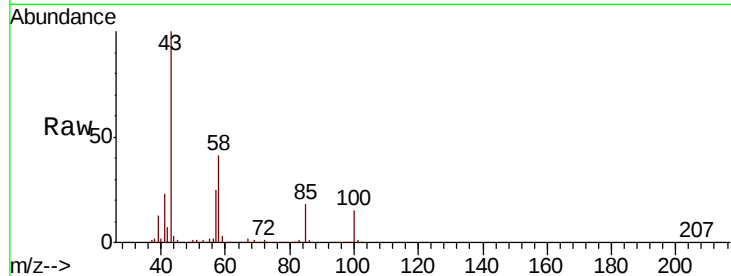




#51
4-Methyl-2-Pentanone
Concen: 94.87 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN050842.D
Acq: 23 Aug 2018 10:40

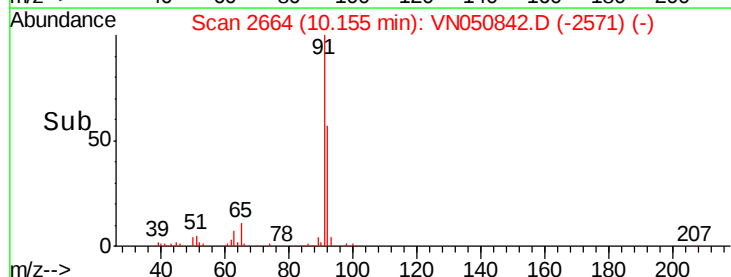
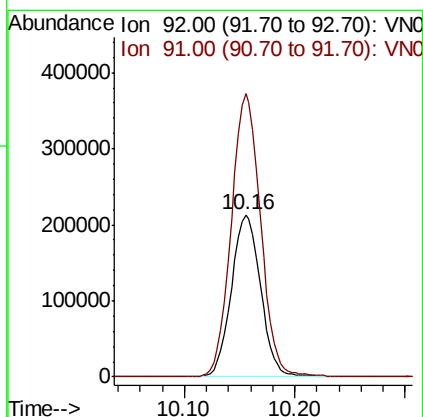
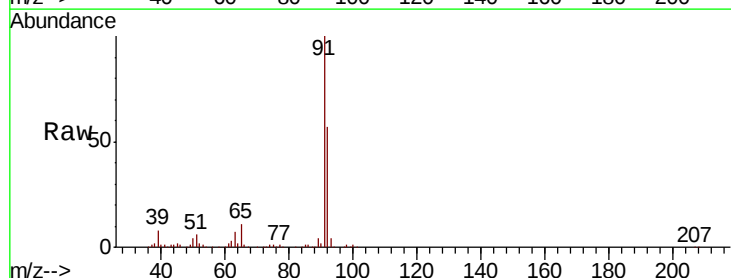
Instrument :
MSVOA_N
ClientSampled :

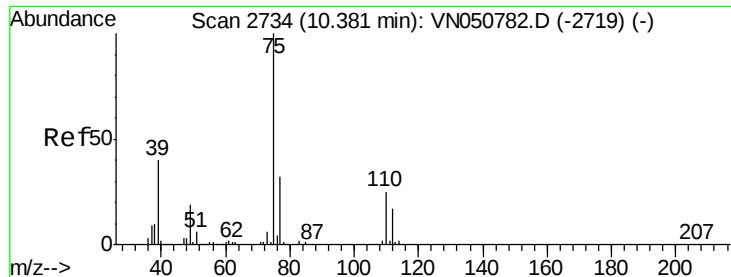
Tot Ion: 43 Resp: 601443
Ion Ratio Lower Upper
43 100
58 40.6 32.4 48.6



#52
Toluene
Concen: 20.48 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. -0.00 min
Lab File: VN050842.D
Acq: 23 Aug 2018 10:40

Tgt Ion: 92 Resp: 393396
Ion Ratio Lower Upper
92 100
91 175.3 140.6 211.0

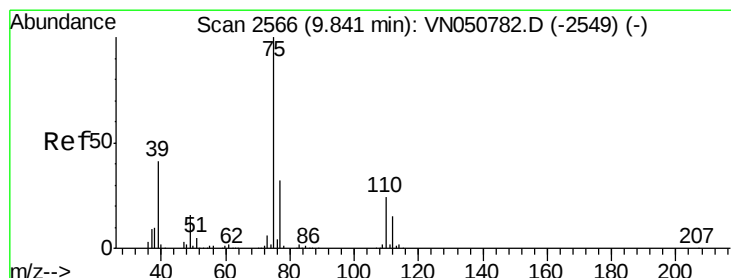
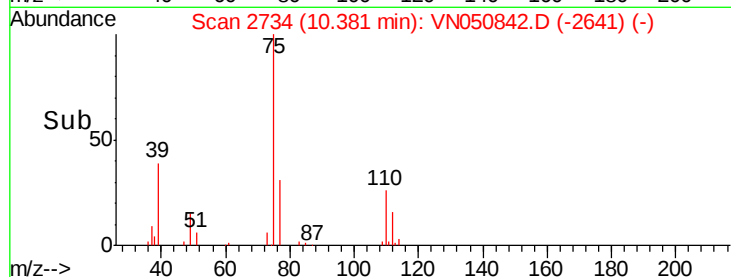
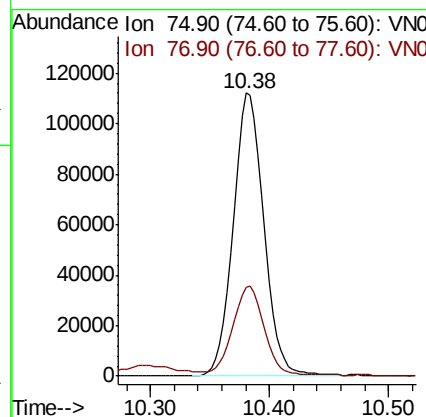
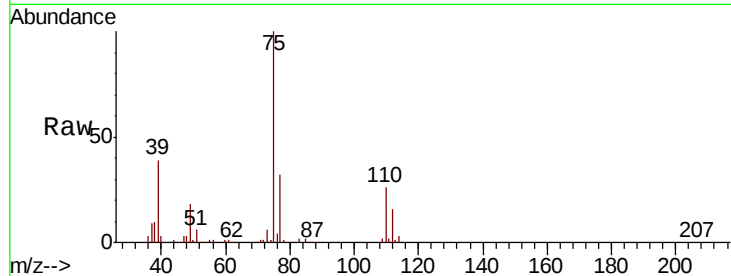




#53
 t-1,3-Dichloropropene
 Concen: 19.19 ug/l
 RT: 10.38 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN050842.D
 Acq: 23 Aug 2018 10:40

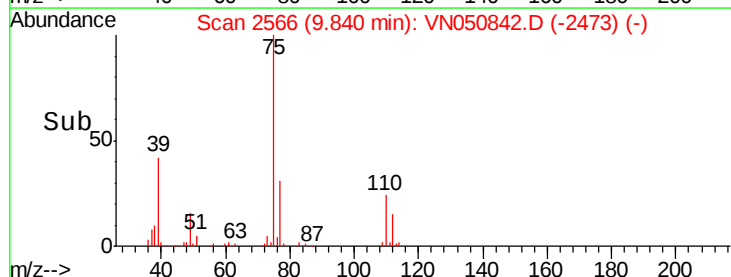
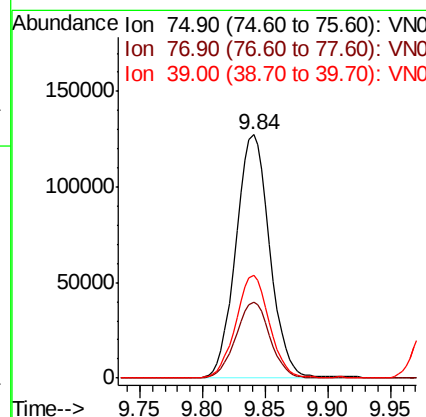
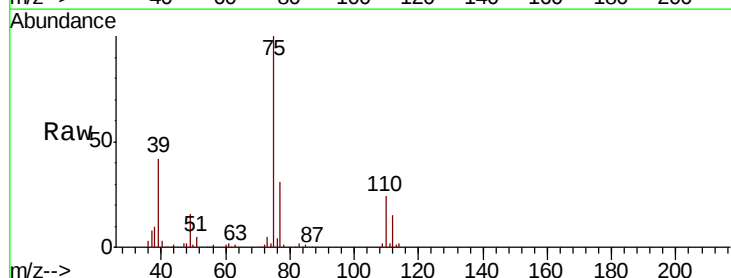
Instrument :
 MSVOA_N
 ClientSampled :

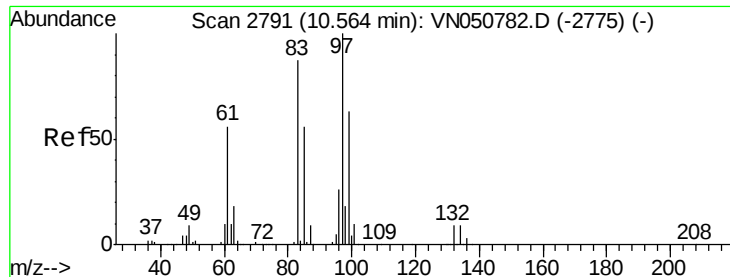
Tot Ion: 75 Resp: 200339
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 20.00 ug/l
 RT: 9.84 min Scan# 2566
 Delta R.T. -0.00 min
 Lab File: VN050842.D
 Acq: 23 Aug 2018 10:40

Tgt Ion: 75 Resp: 239195
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.4 38.2
 39 41.9 33.0 49.4

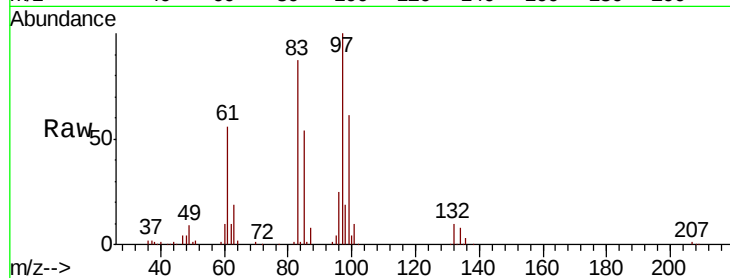




#55
 1,1,2-Trichloroethane
 Concen: 20.04 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: VN050842.D
 Acq: 23 Aug 2018 10:40

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	97	Resp	142908
Ion Ratio	Lower	Upper	
97	100		
83	87.4	69.7	104.5
85	54.4	44.5	66.7
99	61.2	50.7	76.1



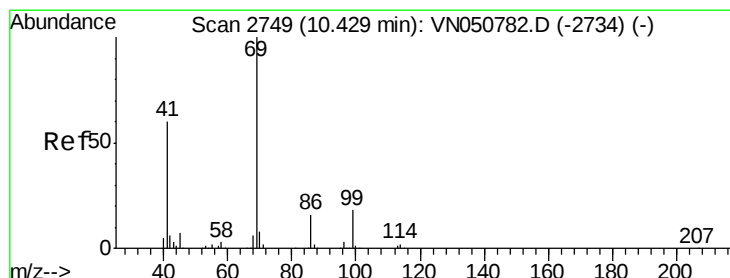
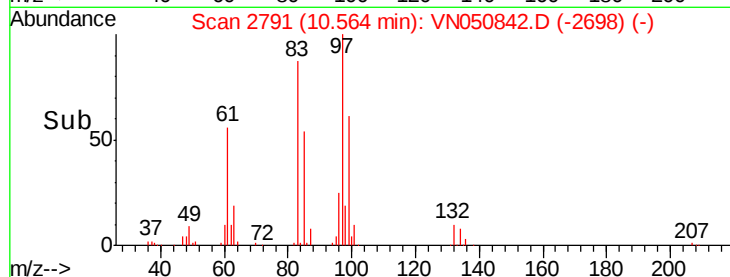
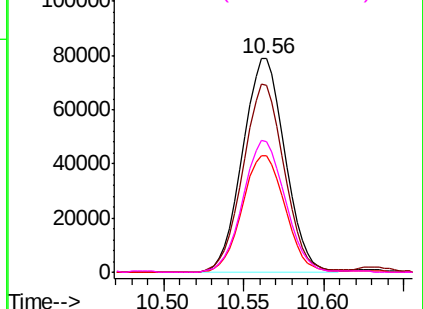
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

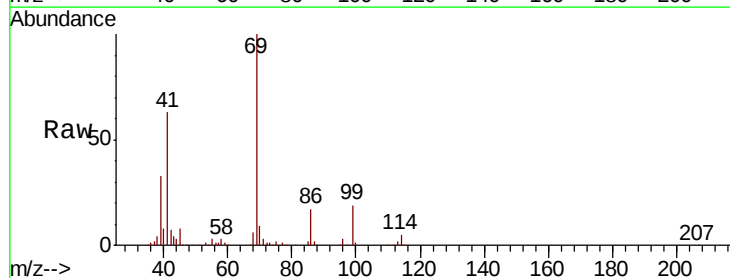
Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56
 Ethyl methacrylate
 Concen: 18.58 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. 0.00 min
 Lab File: VN050842.D
 Acq: 23 Aug 2018 10:40

Tgt Ion	69	Resp	157987
Ion Ratio	Lower	Upper	
69	100		
41	61.7	48.3	72.5
39	31.8	24.0	36.0

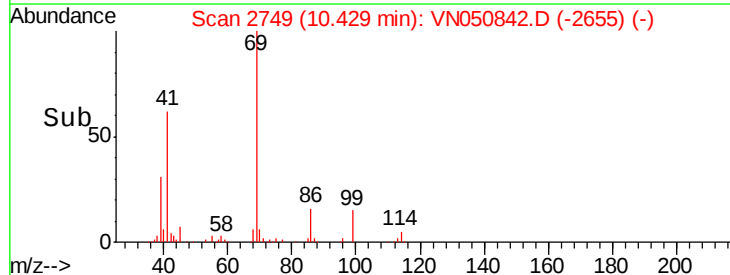
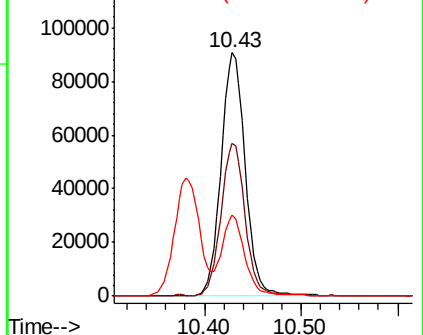


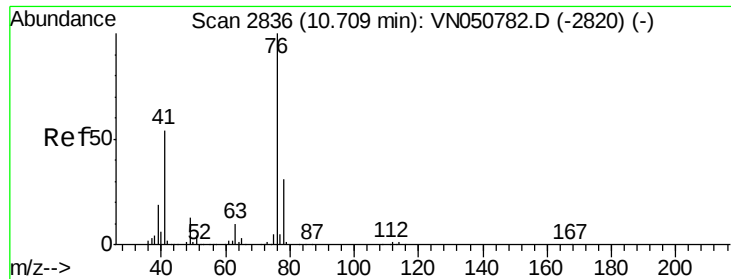
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 20.14 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. -0.00 min

Lab File: VN050842.D

Acq: 23 Aug 2018 10:40

Instrument :

MSVOA_N

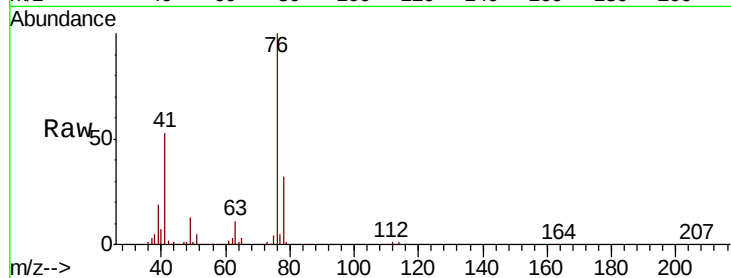
ClientSampled :

Tot Ion: 76 Resp: 237109

Ion Ratio Lower Upper

76 100

78 31.3 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

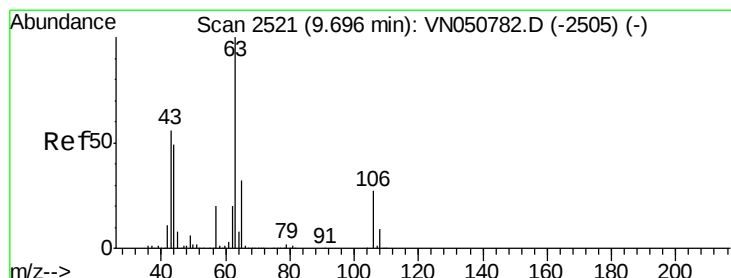
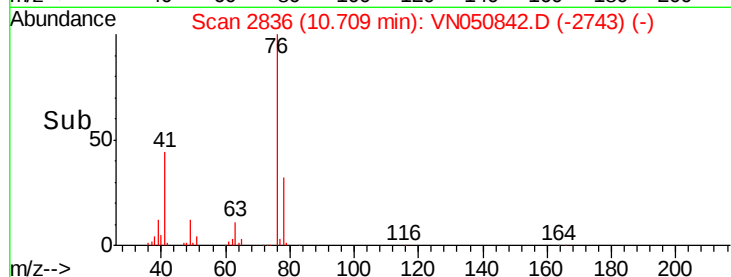
150000

100000

50000

0

Time--> 10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 95.34 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN050842.D

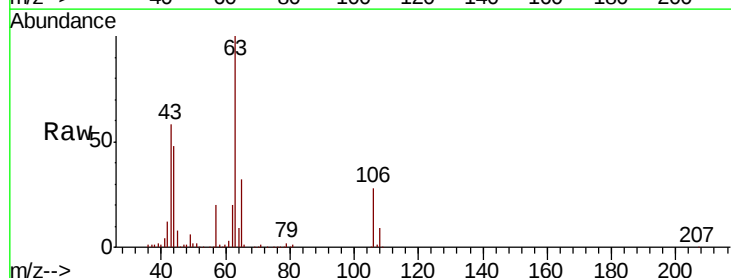
Acq: 23 Aug 2018 10:40

Tgt Ion: 63 Resp: 353739

Ion Ratio Lower Upper

63 100

106 27.6 21.9 32.9



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.70

200000

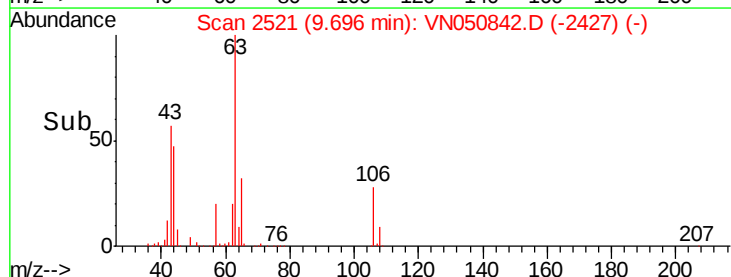
150000

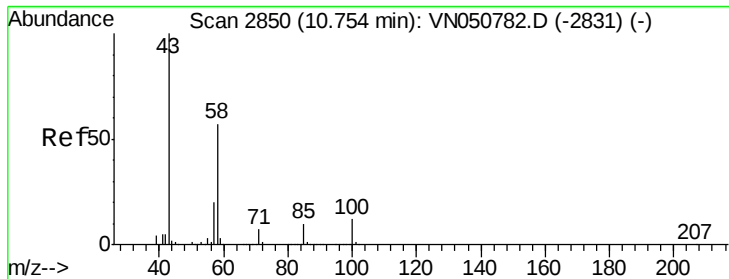
100000

50000

0

Time--> 9.60 9.70 9.80

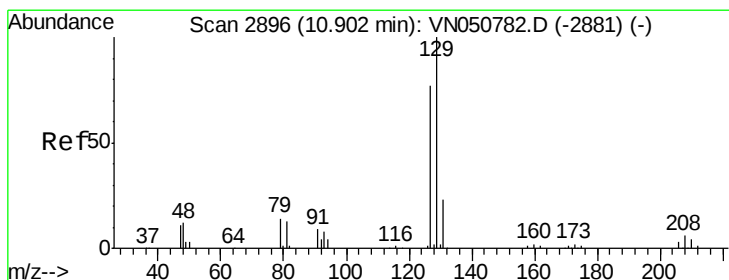
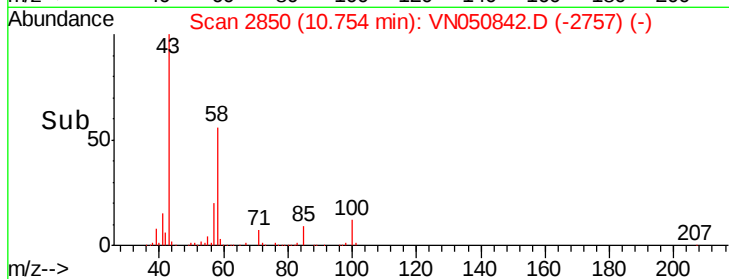
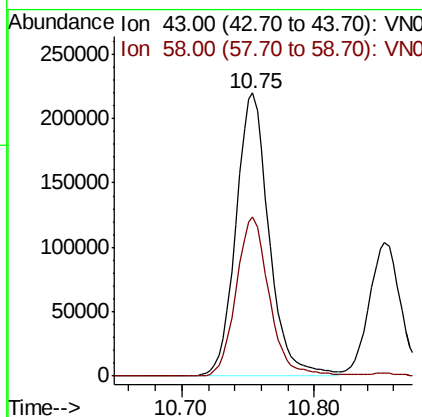
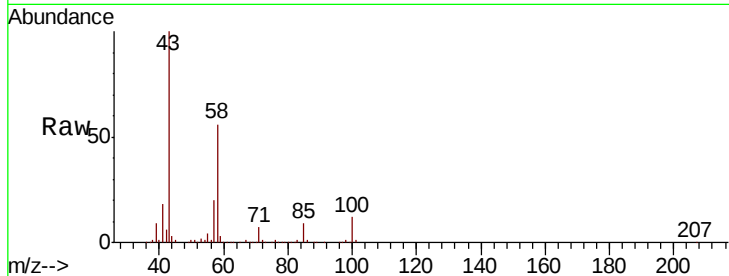




#59
2-Hexanone
Concen: 89.66 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VN050842.D
Acq: 23 Aug 2018 10:40

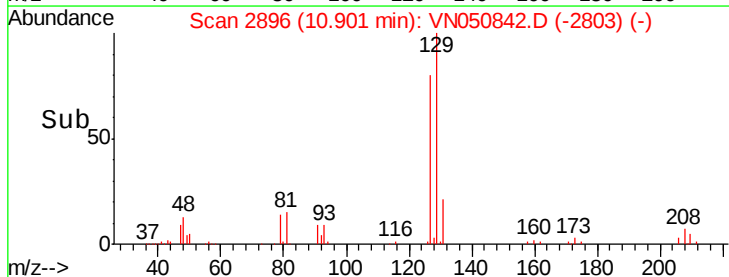
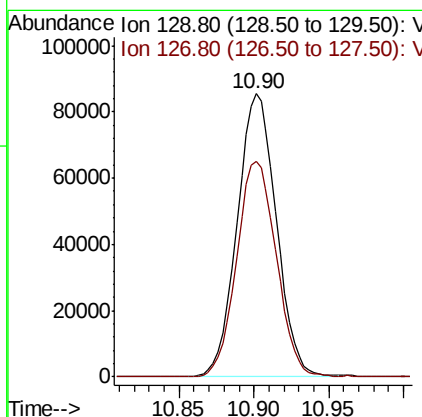
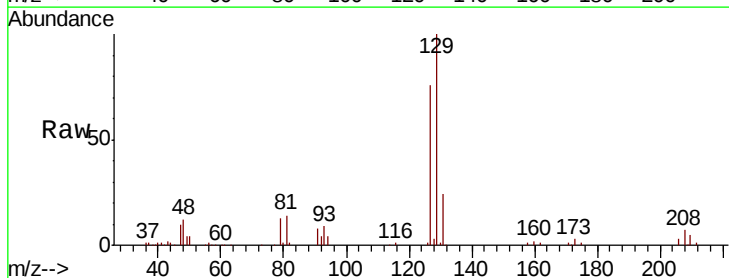
Instrument :
MSVOA_N
ClientSampled :

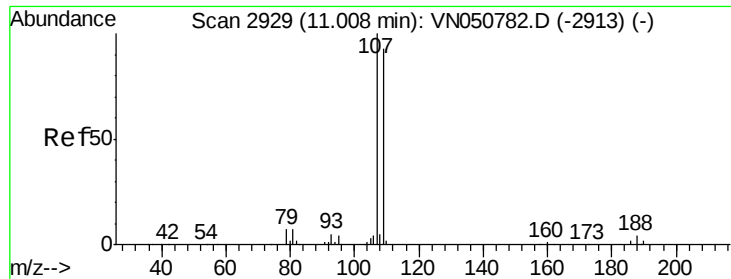
Tot Ion: 43 Resp: 378366
Ion Ratio Lower Upper
43 100
58 56.7 28.3 85.0



#60
Dibromochloromethane
Concen: 19.48 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VN050842.D
Acq: 23 Aug 2018 10:40

Tgt Ion: 129 Resp: 155570
Ion Ratio Lower Upper
129 100
127 77.2 38.3 114.9

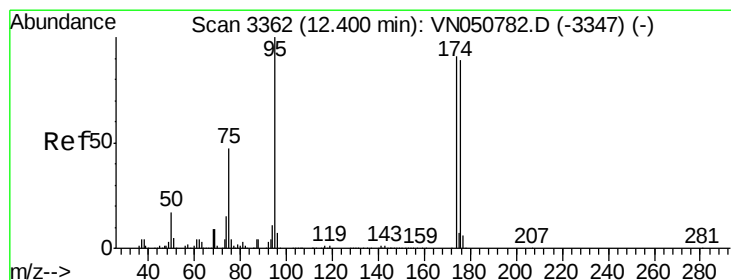
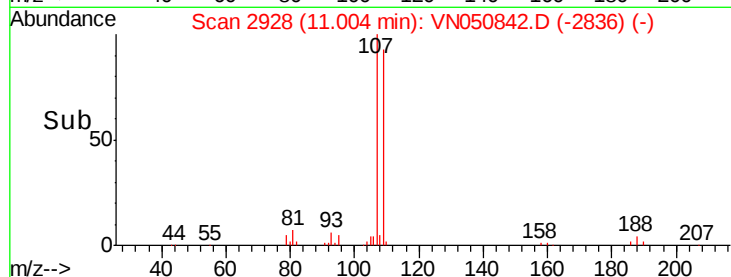
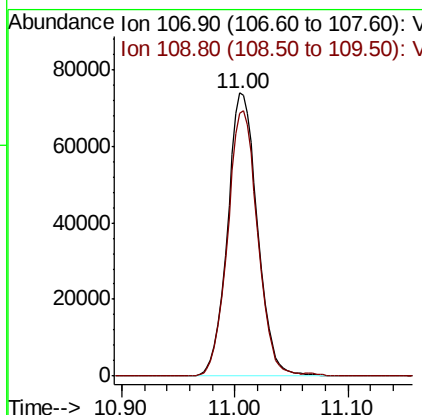
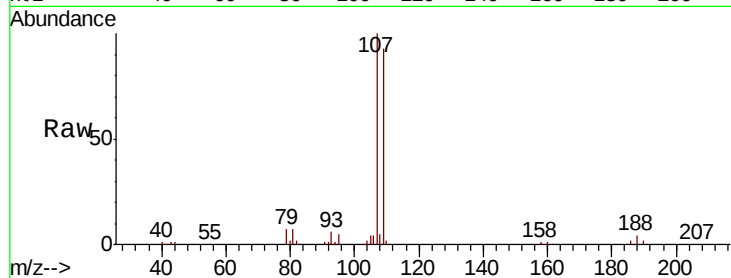




#61
 1,2-Dibromoethane
 Concen: 19.66 ug/l
 RT: 11.00 min Scan# 2928
 Delta R.T. -0.00 min
 Lab File: VN050842.D
 Acq: 23 Aug 2018 10:40

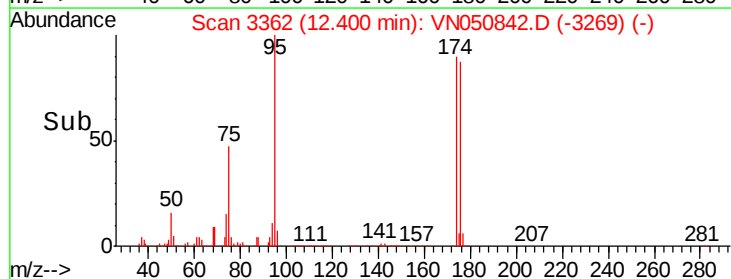
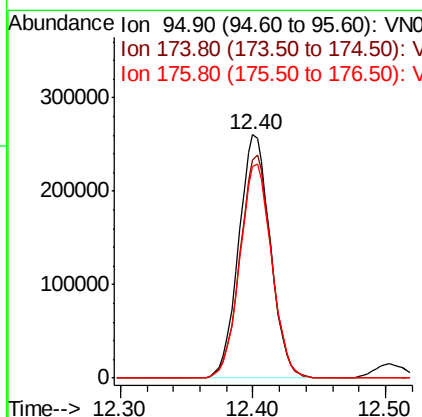
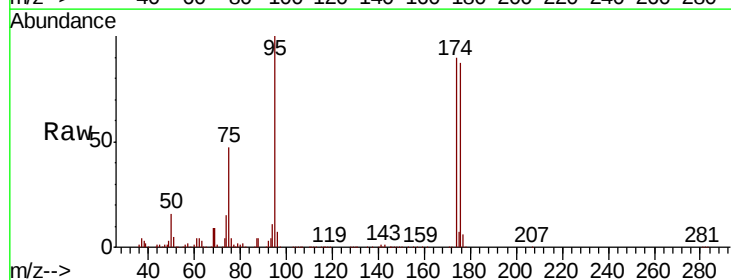
Instrument :
 MSVOA_N
 ClientSampleId :

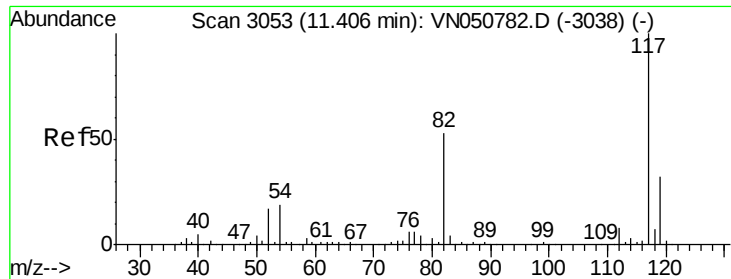
Tot Ion:107 Resp: 135589
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 47.96 ug/l
 RT: 12.40 min Scan# 3362
 Delta R.T. -0.00 min
 Lab File: VN050842.D
 Acq: 23 Aug 2018 10:40

Tgt Ion: 95 Resp: 432041
 Ion Ratio Lower Upper
 95 100
 174 91.0 0.0 183.0
 176 88.3 0.0 178.8

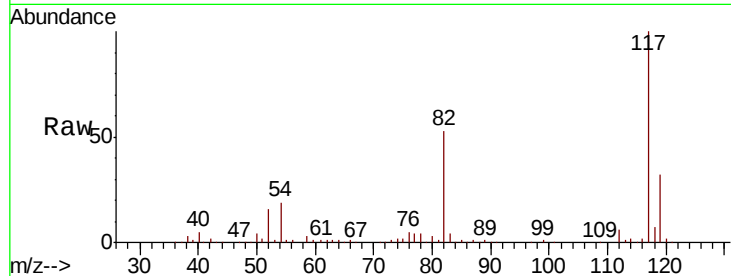




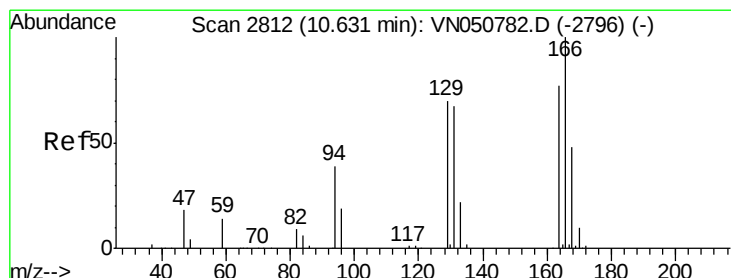
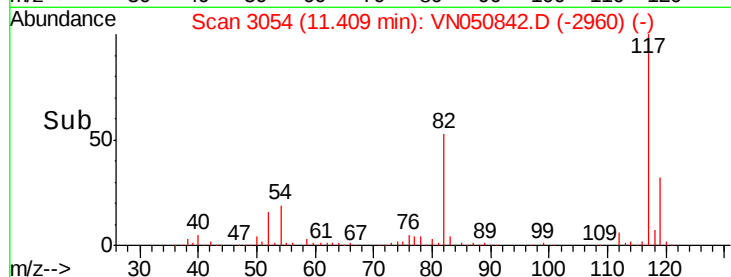
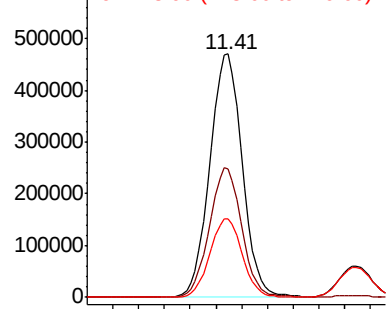
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050842.D
Acq: 23 Aug 2018 10:40

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 824874
Ion Ratio Lower Upper
117 100
82 52.8 42.6 64.0
119 32.5 25.8 38.6

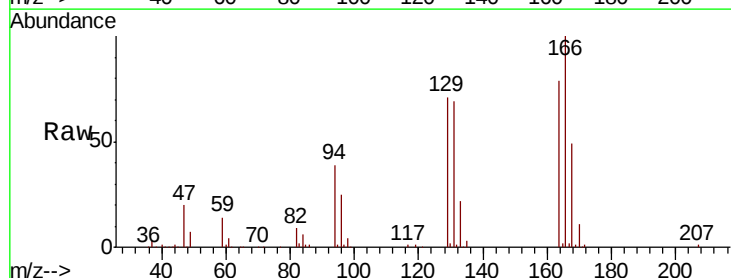


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

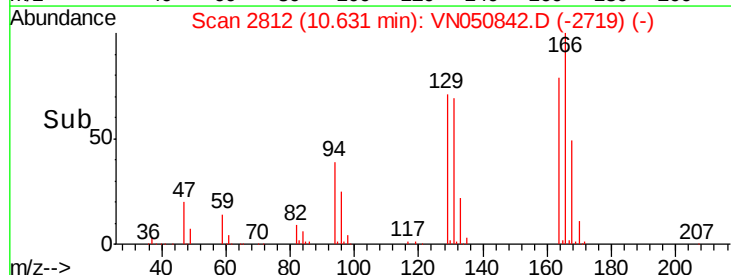
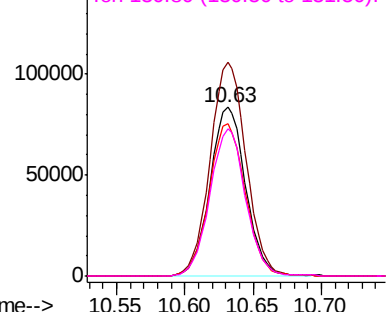


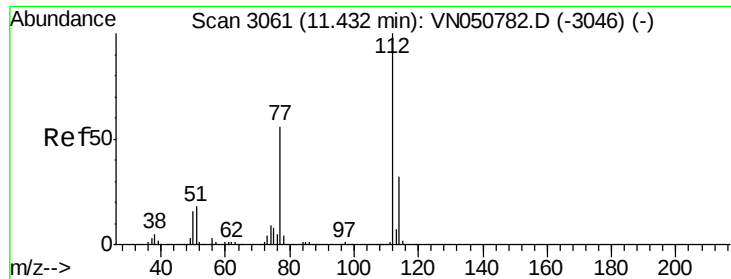
#64
Tetrachloroethene
Concen: 19.36 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN050842.D
Acq: 23 Aug 2018 10:40

Tgt Ion:164 Resp: 151650
Ion Ratio Lower Upper
164 100
166 126.9 103.5 155.3
129 90.3 72.7 109.1
131 87.6 69.5 104.3



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

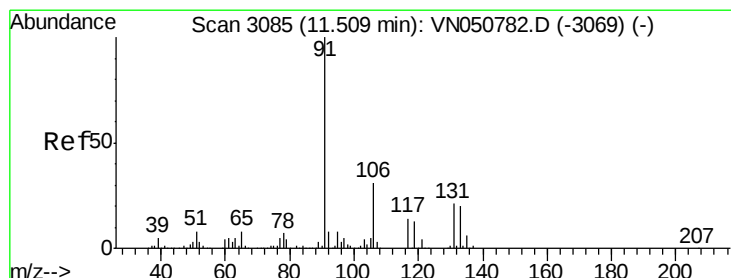
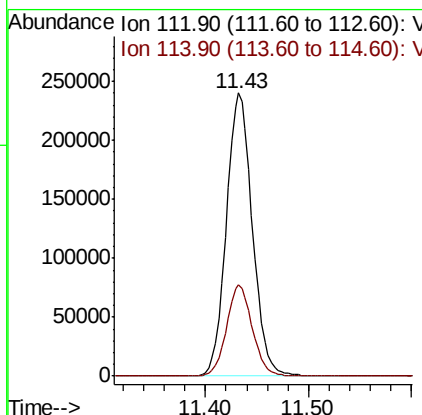
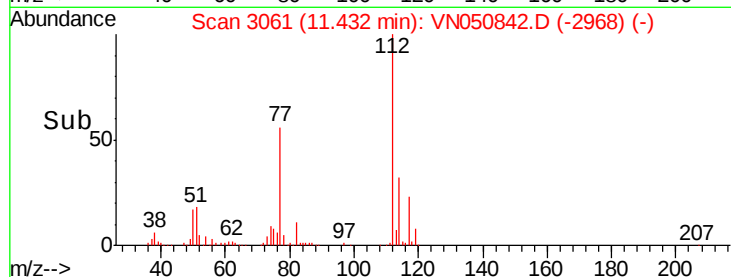
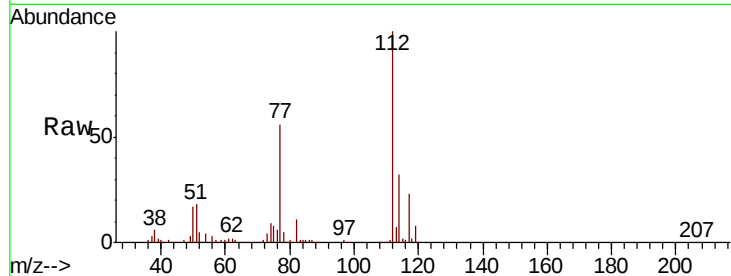




#65
Chlorobenzene
Concen: 19.55 ug/l
RT: 11.43 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN050842.D
Acq: 23 Aug 2018 10:40

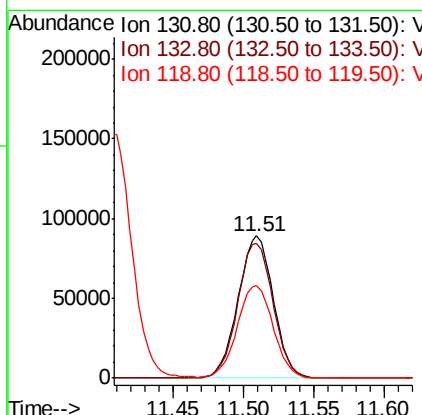
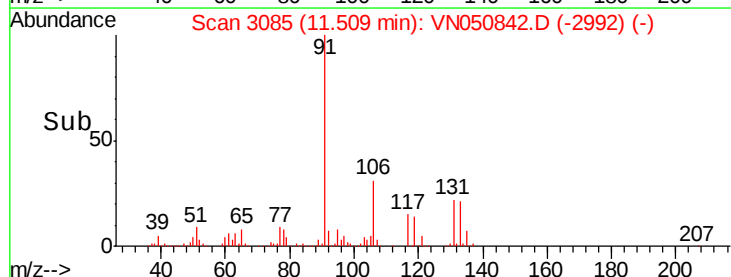
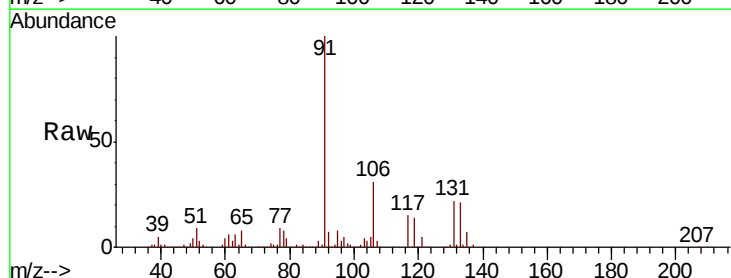
Instrument :
MSVOA_N
ClientSampled :

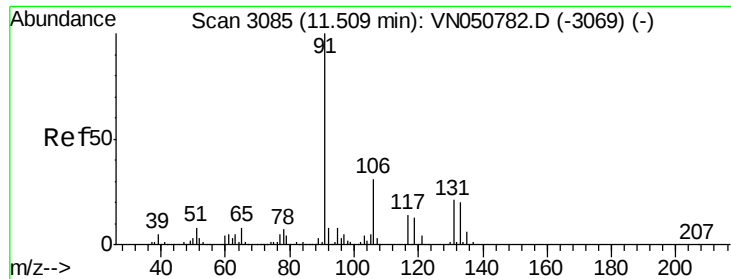
Tot Ion:112 Resp: 421418
Ion Ratio Lower Upper
112 100
114 32.4 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.81 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. -0.00 min
Lab File: VN050842.D
Acq: 23 Aug 2018 10:40

Tgt Ion:131 Resp: 156250
Ion Ratio Lower Upper
131 100
133 95.6 47.4 142.3
119 66.7 32.8 98.4





#67

Ethyl Benzene

Concen: 19.74 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN050842.D

Acq: 23 Aug 2018 10:40

Instrument :

MSVOA_N

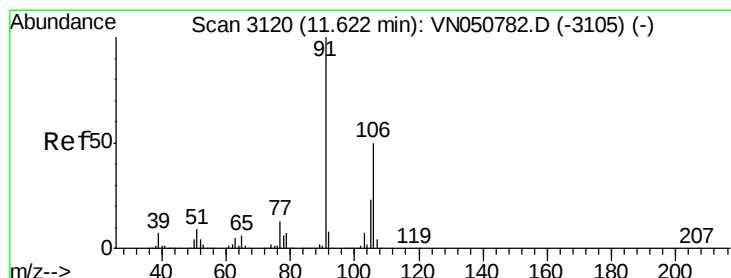
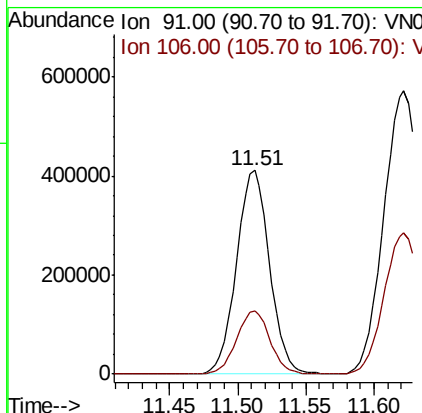
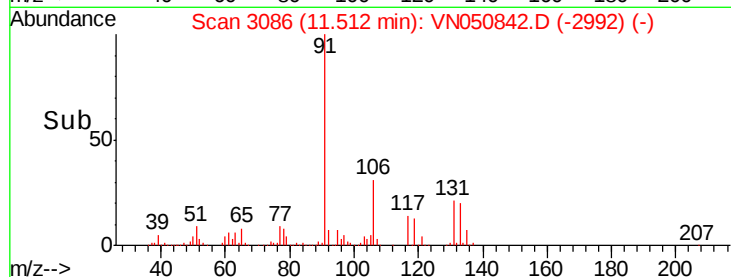
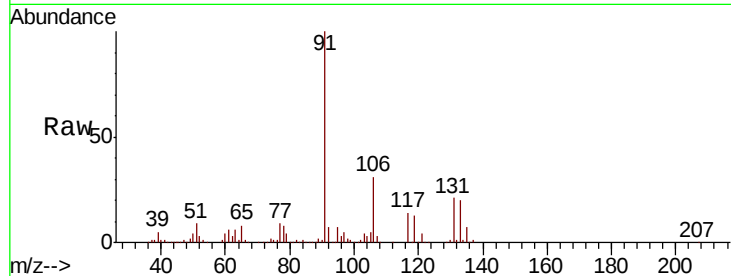
ClientSampled :

Tot Ion: 91 Resp: 692014

Ion Ratio Lower Upper

91 100

106 31.2 25.0 37.4



#68

m/p-Xylenes

Concen: 41.08 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN050842.D

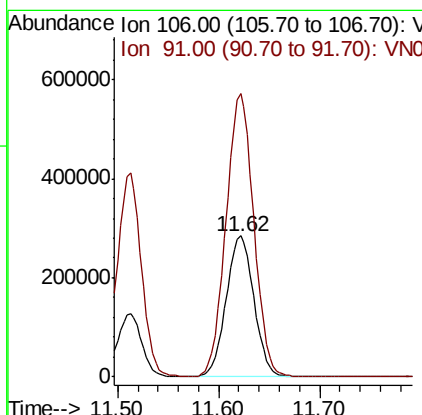
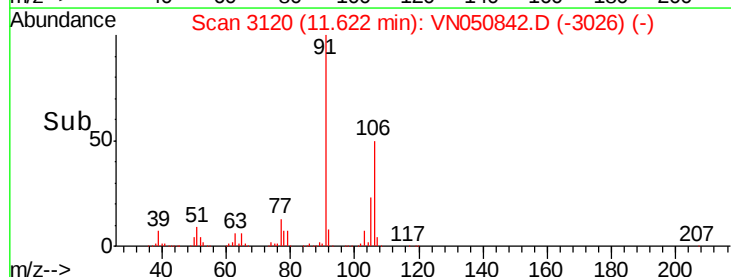
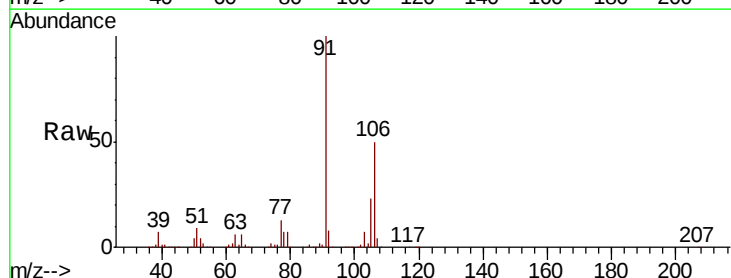
Acq: 23 Aug 2018 10:40

Tgt Ion: 106 Resp: 546545

Ion Ratio Lower Upper

106 100

91 200.9 161.0 241.6

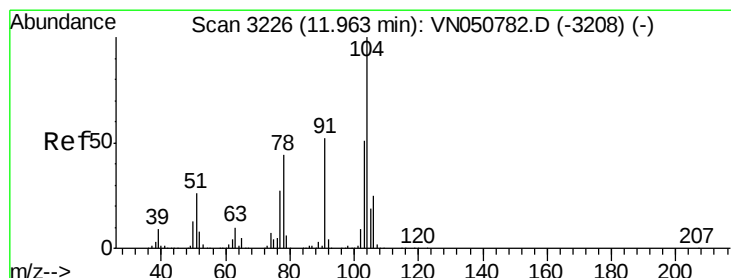
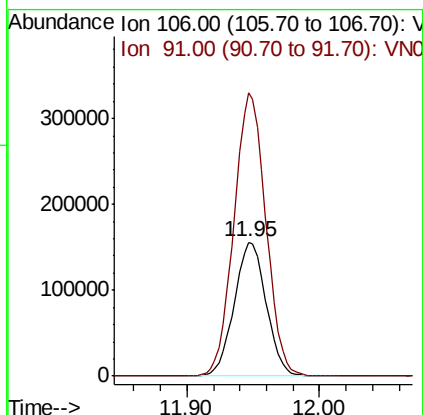
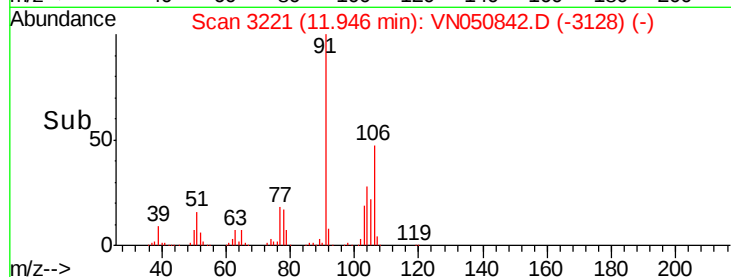
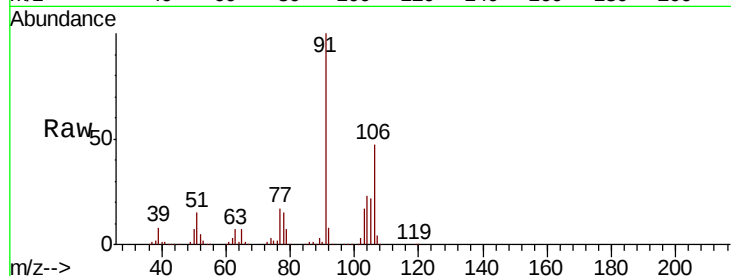




#69
o-Xylene
Concen: 20.34 ug/l
RT: 11.95 min Scan# 3221
Delta R.T. 0.00 min
Lab File: VN050842.D
Acq: 23 Aug 2018 10:40

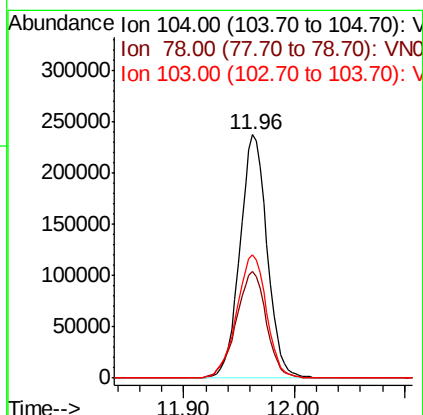
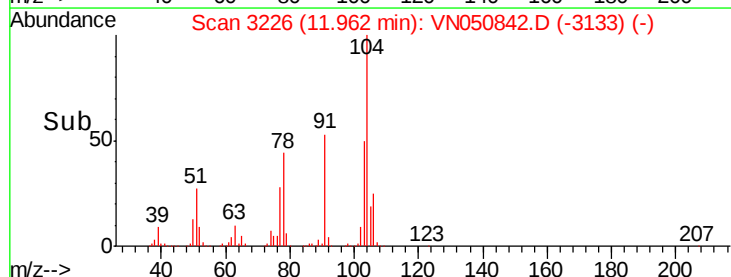
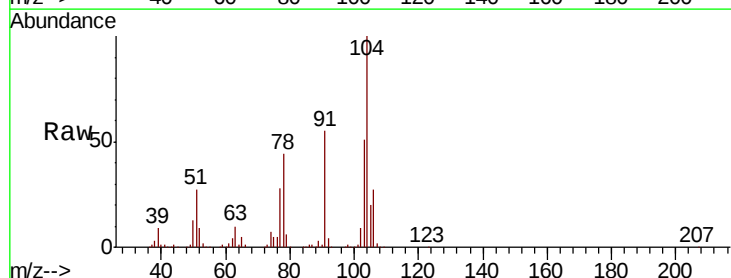
Instrument :
MSVOA_N
ClientSampled :

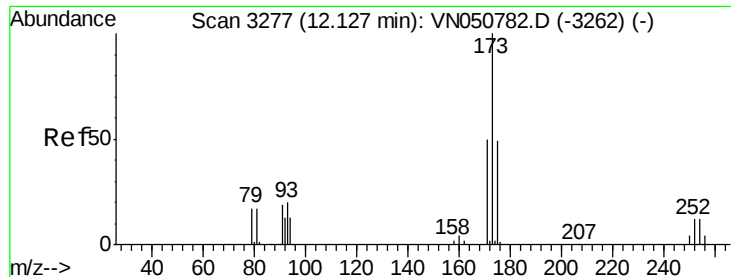
Tot Ion:106 Resp: 260185
Ion Ratio Lower Upper
106 100
91 211.6 106.5 319.5



#70
Styrene
Concen: 18.76 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VN050842.D
Acq: 23 Aug 2018 10:40

Tgt Ion:104 Resp: 404431
Ion Ratio Lower Upper
104 100
78 48.3 38.2 57.4
103 55.7 44.4 66.6

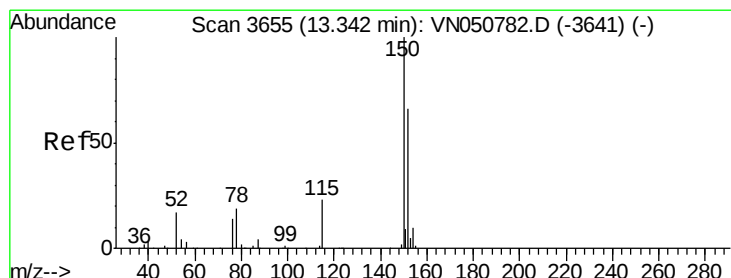
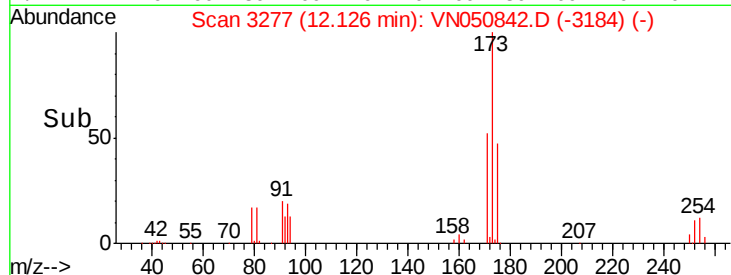
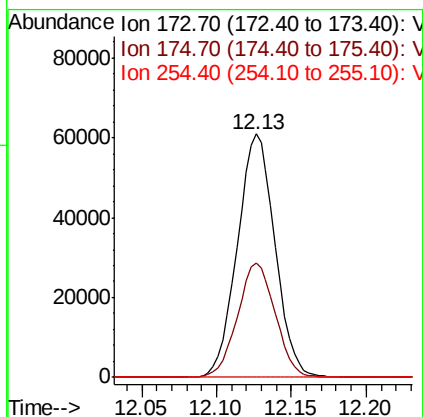
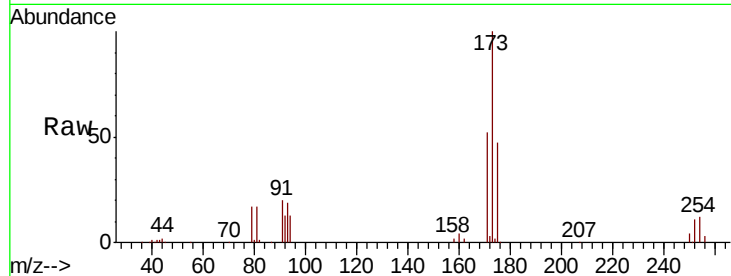




#71
Bromoform
Concen: 19.63 ug/l
RT: 12.13 min Scan# 3277
Delta R.T. -0.00 min
Lab File: VN050842.D
Acq: 23 Aug 2018 10:40

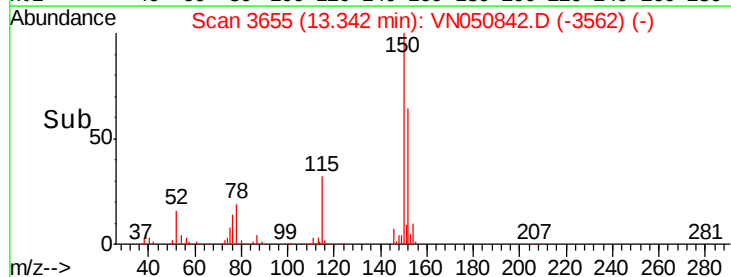
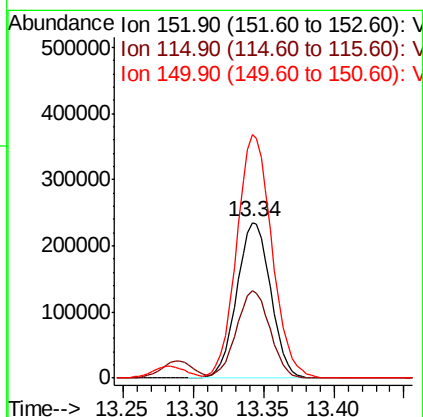
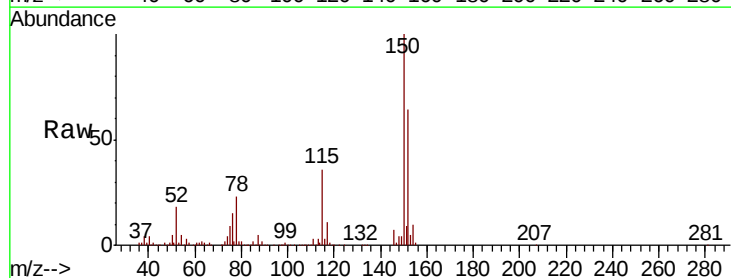
Instrument :
MSVOA_N
ClientSampled :

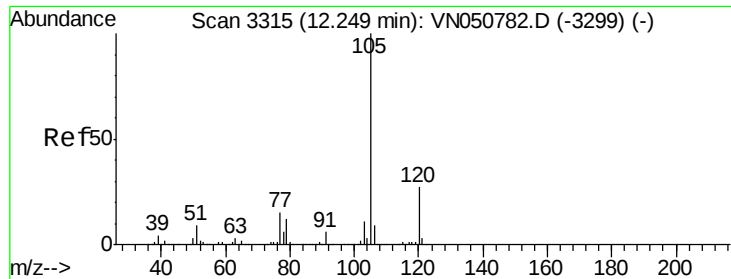
Tot Ion:173 Resp: 106509
Ion Ratio Lower Upper
173 100
175 47.1 24.4 73.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3655
Delta R.T. -0.00 min
Lab File: VN050842.D
Acq: 23 Aug 2018 10:40

Tgt Ion:152 Resp: 395881
Ion Ratio Lower Upper
152 100
115 55.7 27.8 83.4
150 162.3 0.0 351.4

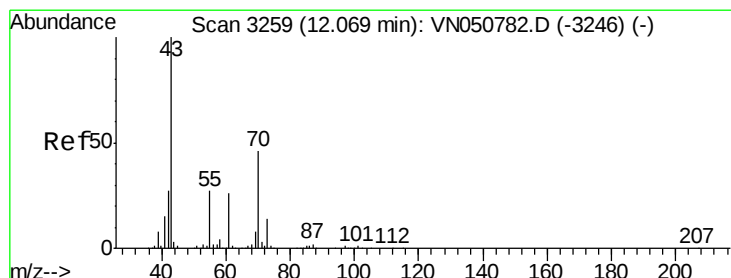
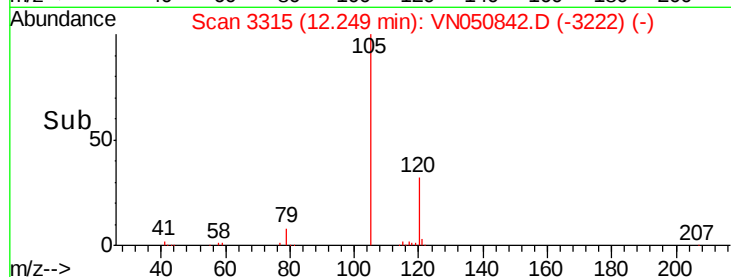
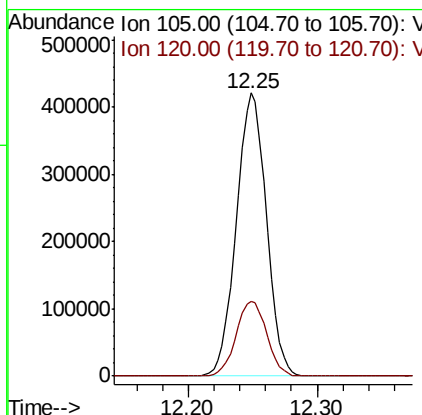
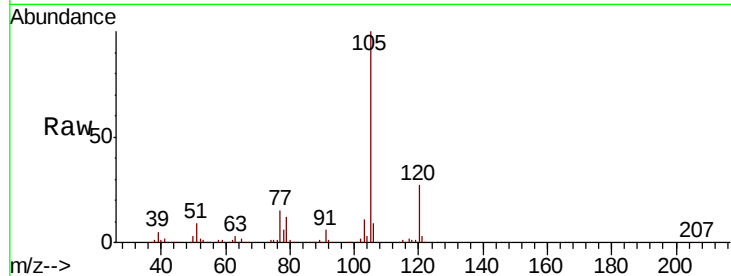




#73
Isopropylbenzene
Concen: 20.79 ug/l
RT: 12.25 min Scan# 3315
Delta R.T. -0.00 min
Lab File: VN050842.D
Acq: 23 Aug 2018 10:40

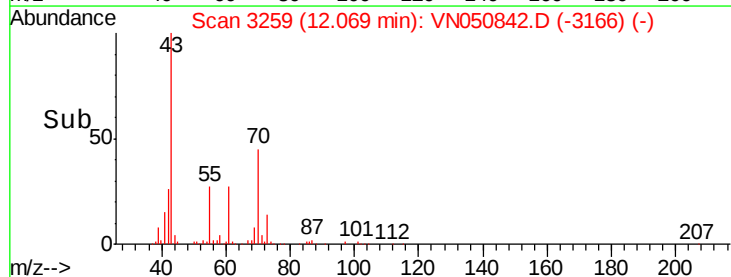
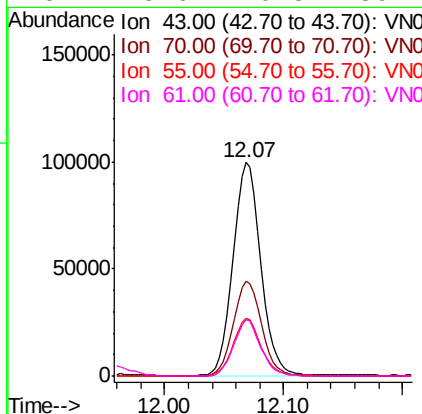
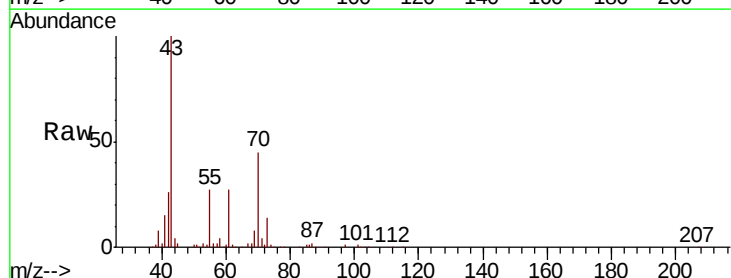
Instrument :
MSVOA_N
ClientSampled :

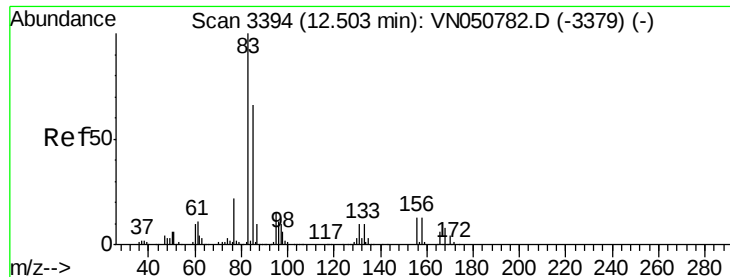
Tot Ion:105 Resp: 681467
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4



#74
N-ethyl acetate
Concen: 19.69 ug/l
RT: 12.07 min Scan# 3259
Delta R.T. -0.00 min
Lab File: VN050842.D
Acq: 23 Aug 2018 10:40

Tgt Ion: 43 Resp: 162202
Ion Ratio Lower Upper
43 100
70 44.9 36.2 54.2
55 27.1 21.8 32.8
61 25.6 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 21.50 ug/l

RT: 12.50 min Scan# 3394

Delta R.T. 0.00 min

Lab File: VN050842.D

Acq: 23 Aug 2018 10:40

Instrument :

MSVOA_N

ClientSampled :

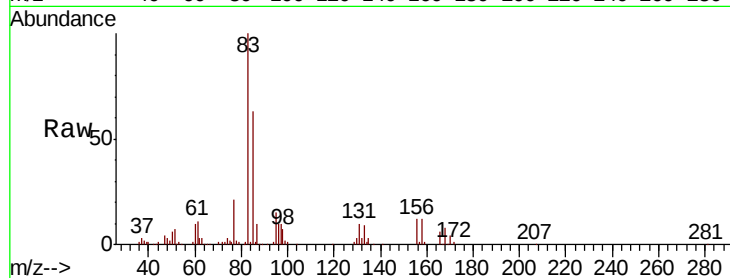
Tot Ion: 83 Resp: 175292

Ion Ratio Lower Upper

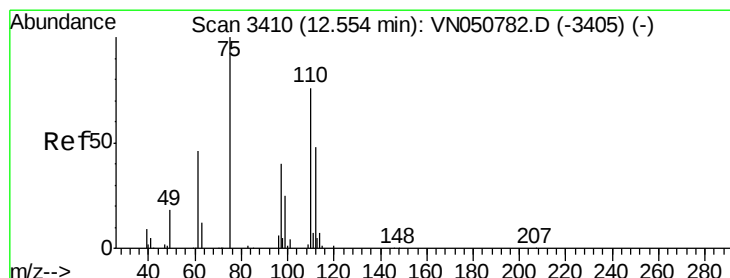
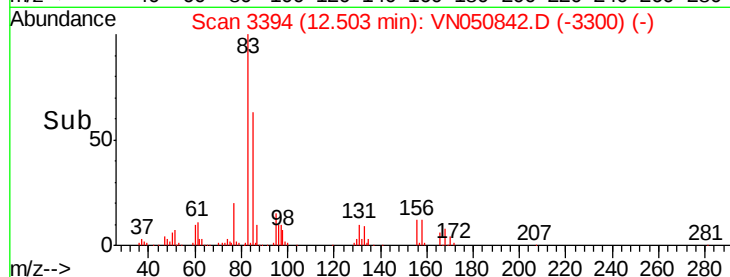
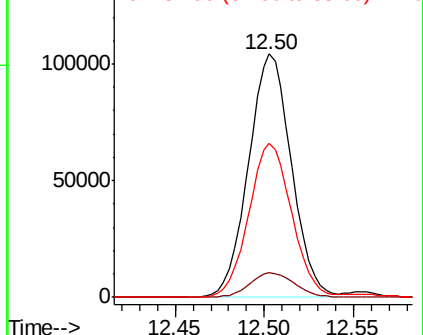
83 100

131 10.6 5.3 15.9

85 63.4 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 28.66 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN050842.D

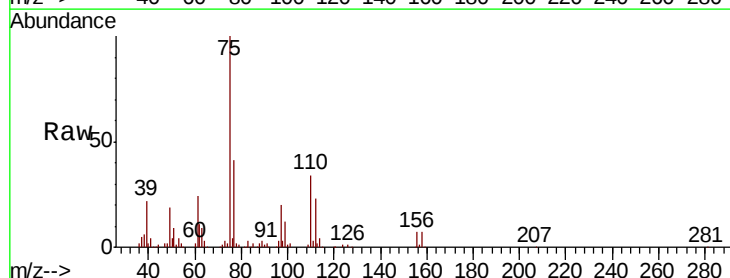
Acq: 23 Aug 2018 10:40

Tgt Ion: 75 Resp: 198699

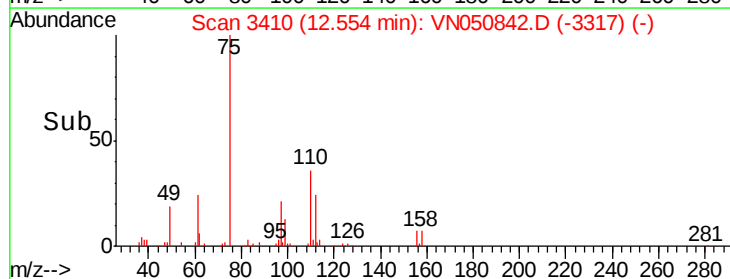
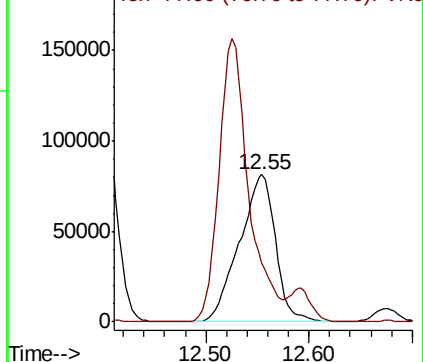
Ion Ratio Lower Upper

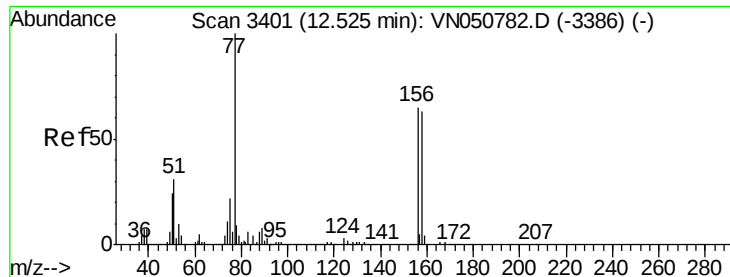
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.63 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN050842.D

Acq: 23 Aug 2018 10:40

Instrument :

MSVOA_N

ClientSampleId :

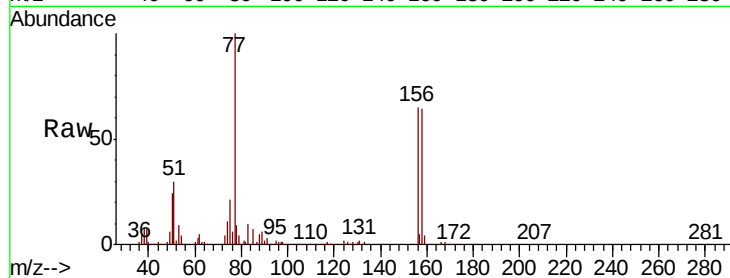
Tot Ion:156 Resp: 174881

Ion Ratio Lower Upper

156 100

77 180.3 89.9 269.7

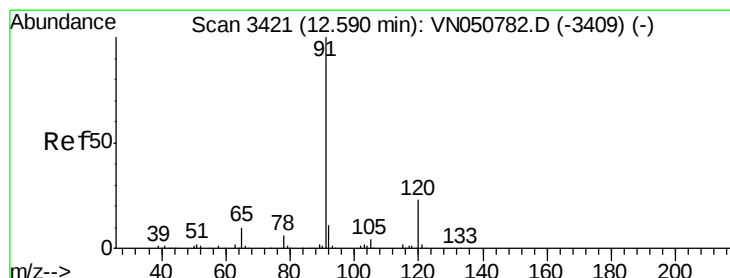
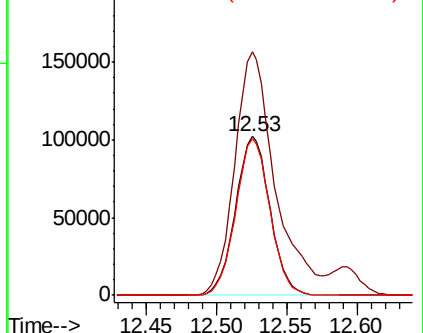
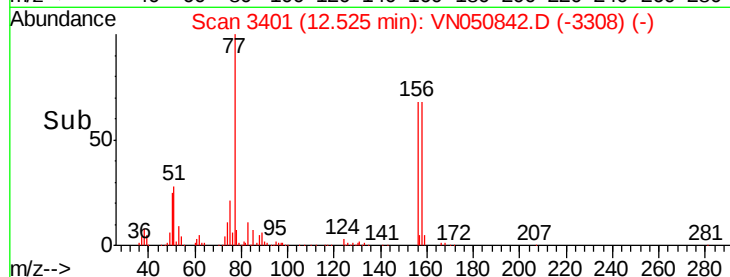
158 97.7 49.3 147.9



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



#78

n-propylbenzene

Concen: 20.91 ug/l

RT: 12.59 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN050842.D

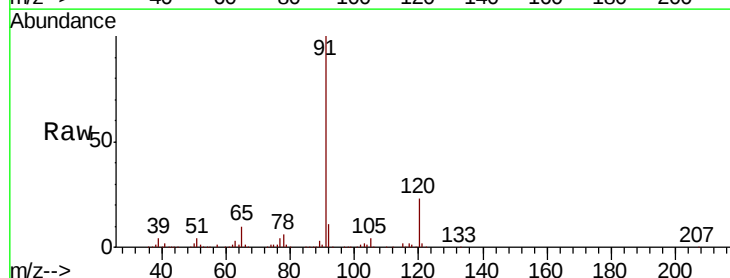
Acq: 23 Aug 2018 10:40

Tgt Ion: 91 Resp: 765645

Ion Ratio Lower Upper

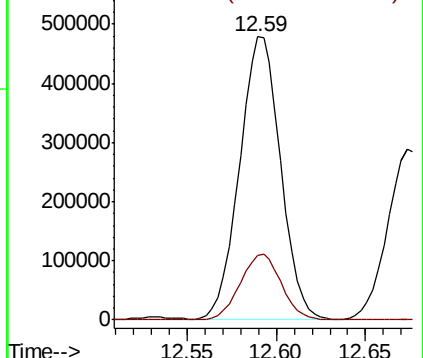
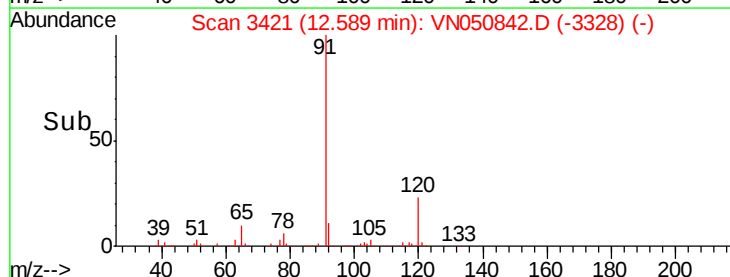
91 100

120 23.3 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.77 ug/l

RT: 12.67 min Scan# 3447

Delta R.T. -0.00 min

Lab File: VN050842.D

Acq: 23 Aug 2018 10:40

Instrument :

MSVOA_N

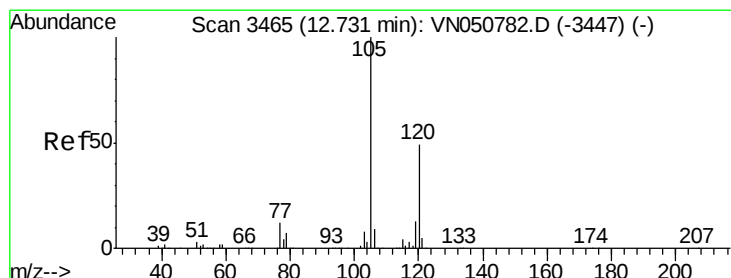
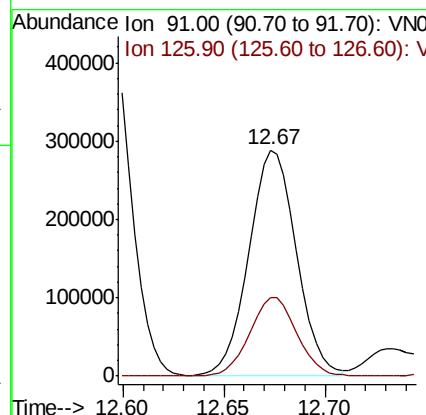
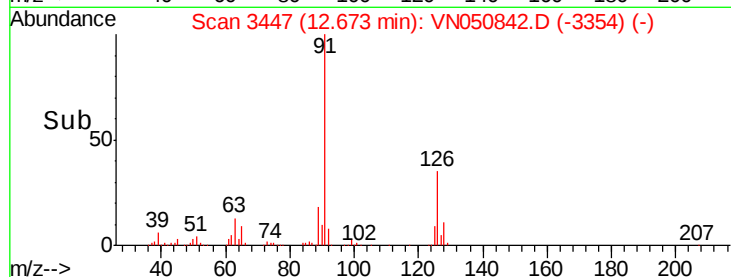
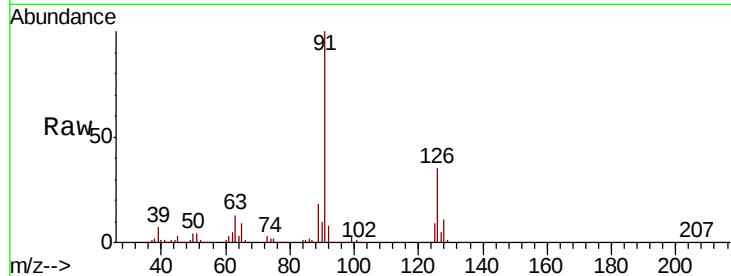
ClientSampled :

Tot Ion: 91 Resp: 473673

Ion Ratio Lower Upper

91 100

126 34.8 17.8 53.3



#80

1,3,5-Trimethylbenzene

Concen: 21.23 ug/l

RT: 12.73 min Scan# 3465

Delta R.T. -0.00 min

Lab File: VN050842.D

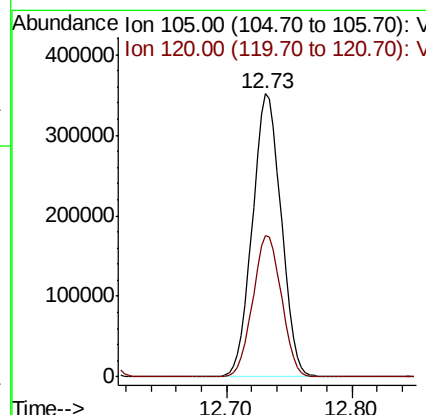
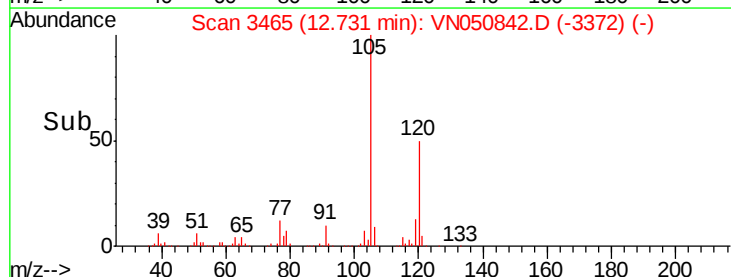
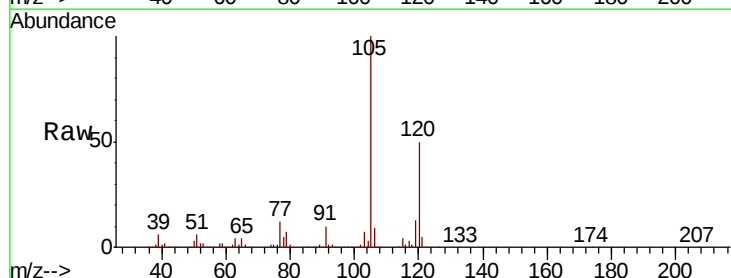
Acq: 23 Aug 2018 10:40

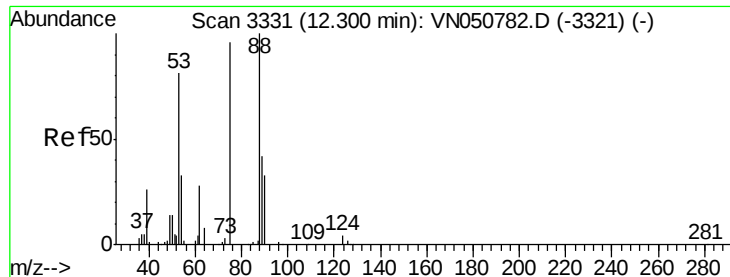
Tgt Ion:105 Resp: 561536

Ion Ratio Lower Upper

105 100

120 49.6 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.10 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. 0.00 min

Lab File: VN050842.D

Acq: 23 Aug 2018 10:40

Instrument :

MSVOA_N

ClientSampleId :

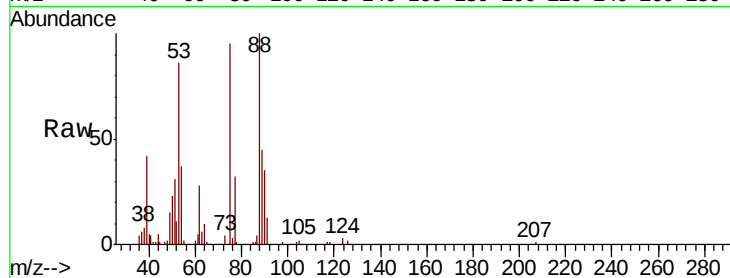
Tot Ion: 75 Resp: 39181

Ion Ratio Lower Upper

75 100

53 89.3 68.9 103.3

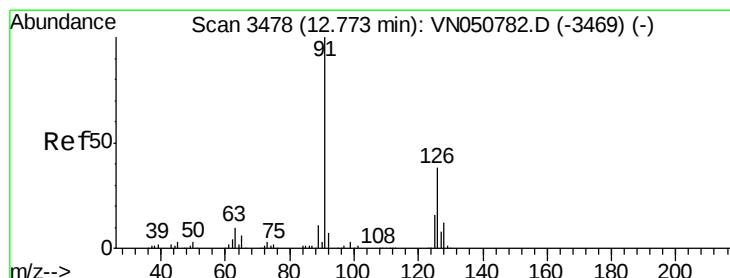
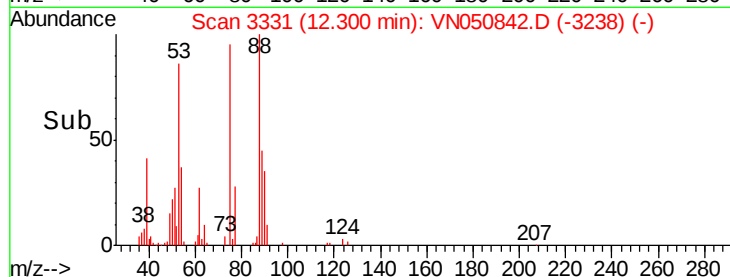
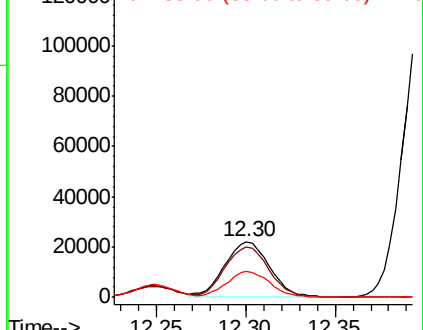
89 45.6 36.1 54.1



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.48 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. -0.00 min

Lab File: VN050842.D

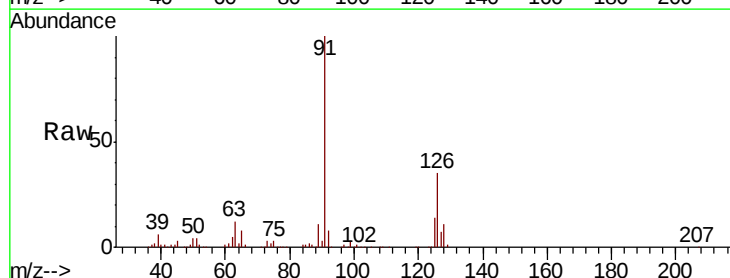
Acq: 23 Aug 2018 10:40

Tgt Ion: 91 Resp: 461225

Ion Ratio Lower Upper

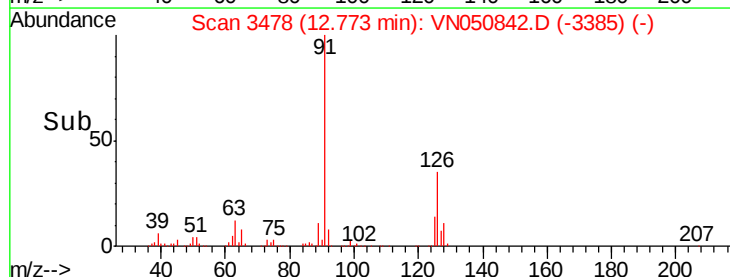
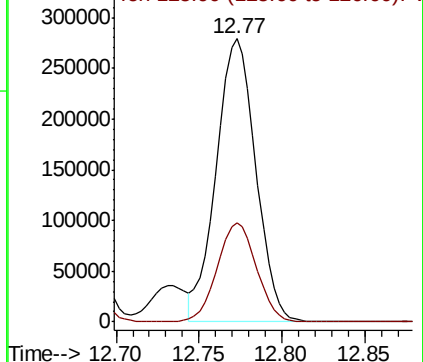
91 100

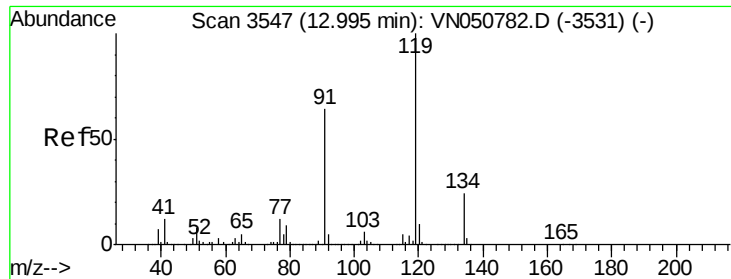
126 34.8 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

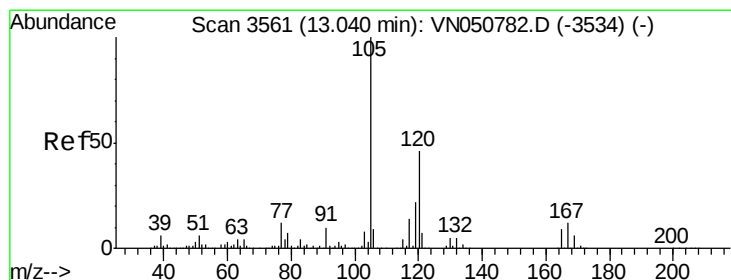
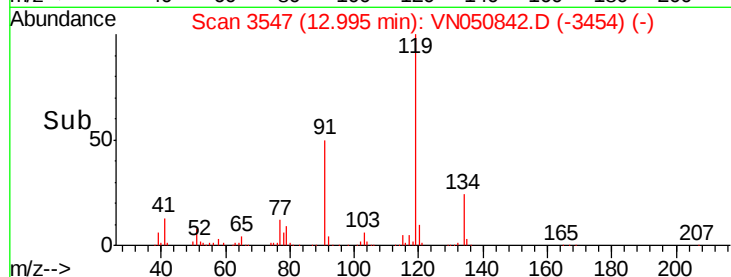
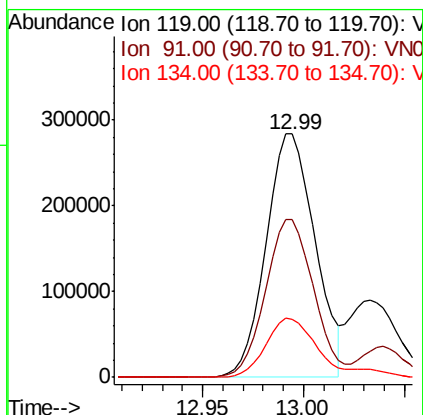
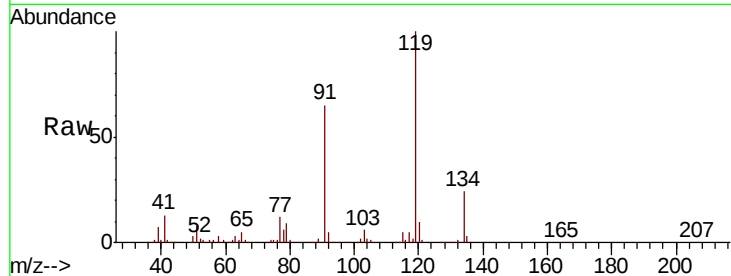




#83
 tert-Butylbenzene
 Concen: 20.91 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN050842.D
 Acq: 23 Aug 2018 10:40

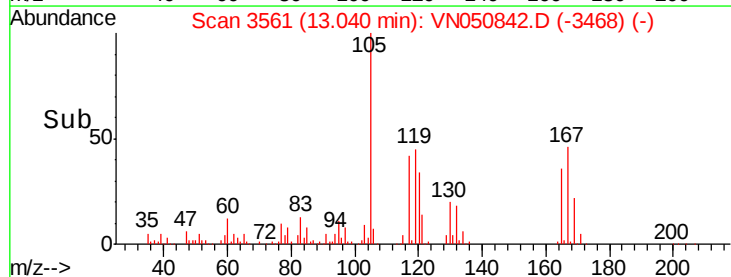
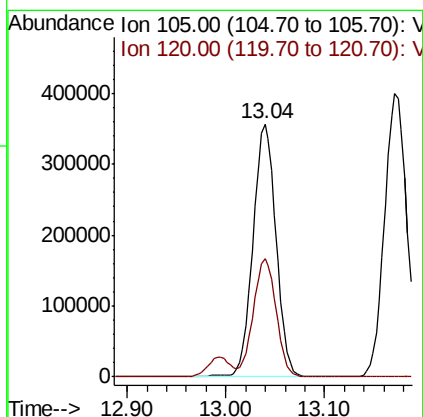
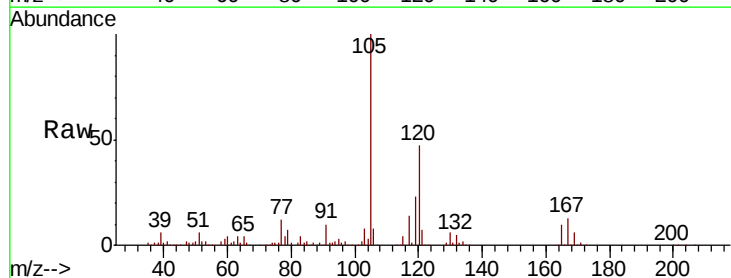
Instrument :
 MSVOA_N
 ClientSampled :

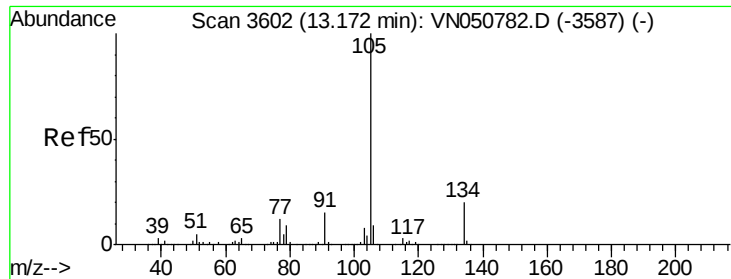
Tot Ion:119 Resp: 478915
 Ion Ratio Lower Upper
 119 100
 91 63.6 31.6 94.7
 134 27.1 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.49 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. 0.00 min
 Lab File: VN050842.D
 Acq: 23 Aug 2018 10:40

Tgt Ion:105 Resp: 571648
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.9 68.8





#85

sec-Butylbenzene

Concen: 20.90 ug/l

RT: 13.17 min Scan# 3602

Delta R.T. -0.00 min

Lab File: VN050842.D

Acq: 23 Aug 2018 10:40

Instrument :

MSVOA_N

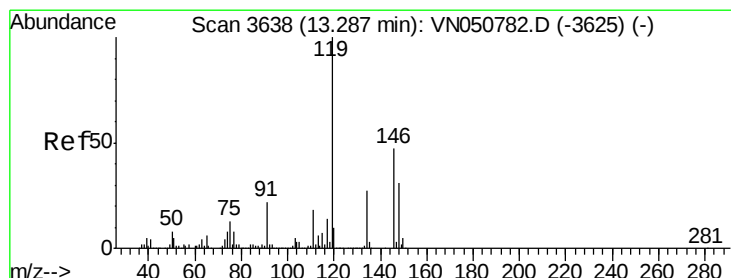
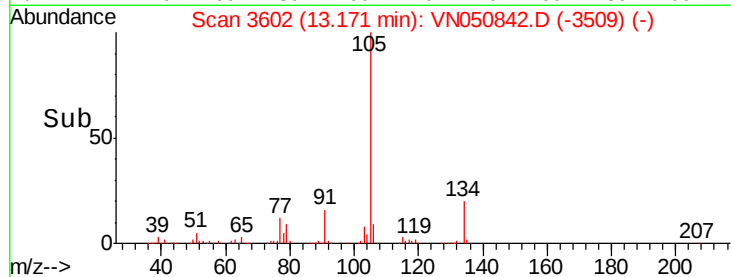
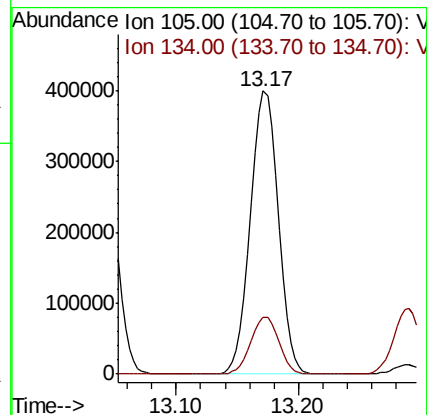
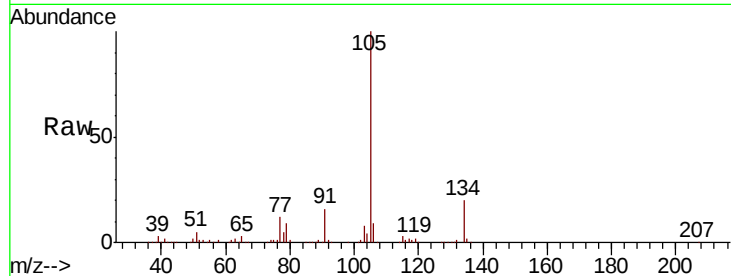
ClientSampleId :

Tot Ion:105 Resp: 627207

Ion Ratio Lower Upper

105 100

134 20.4 10.3 30.8



#86

p-Isopropyltoluene

Concen: 21.05 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN050842.D

Acq: 23 Aug 2018 10:40

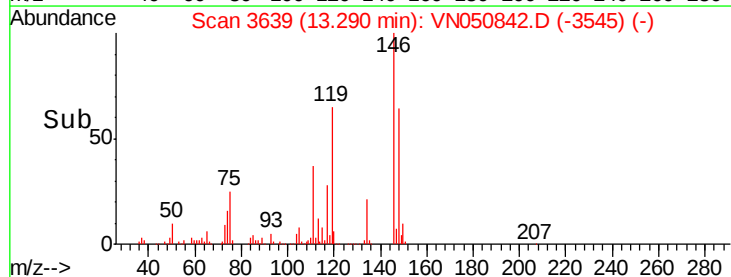
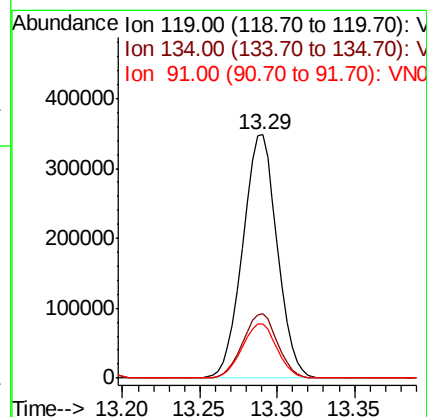
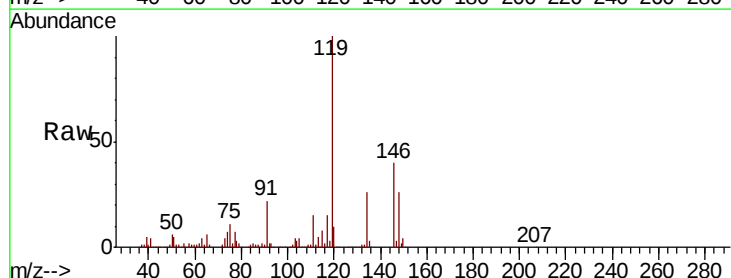
Tgt Ion:119 Resp: 538302

Ion Ratio Lower Upper

119 100

134 26.7 13.7 41.0

91 22.3 11.2 33.5

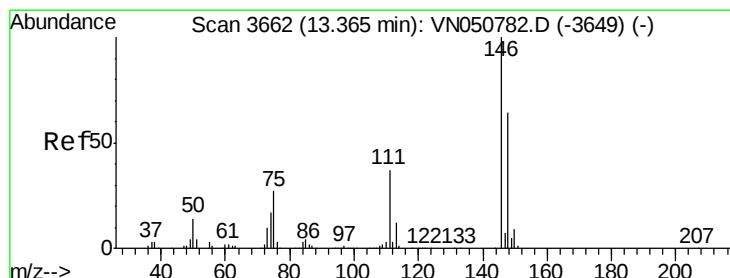
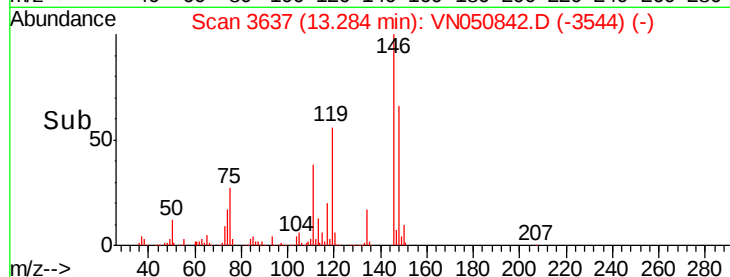
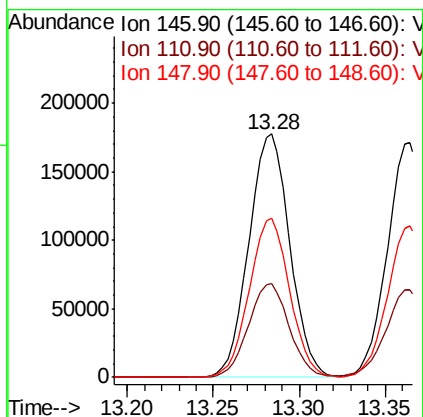
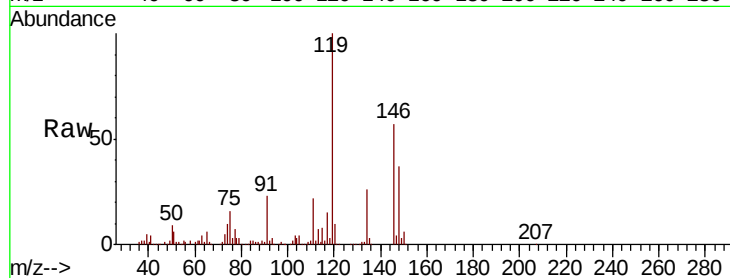




#87
 1,3-Dichlorobenzene
 Concen: 19.41 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.00 min
 Lab File: VN050842.D
 Acq: 23 Aug 2018 10:40

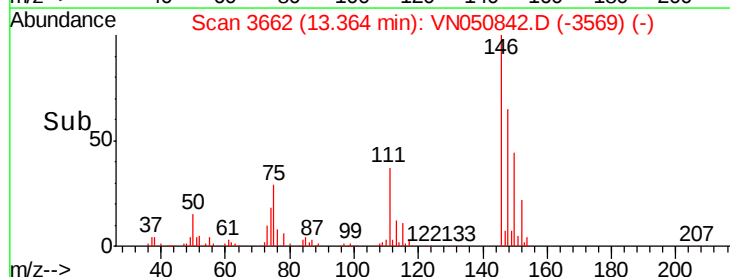
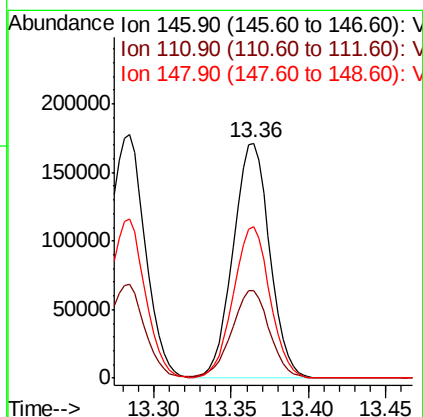
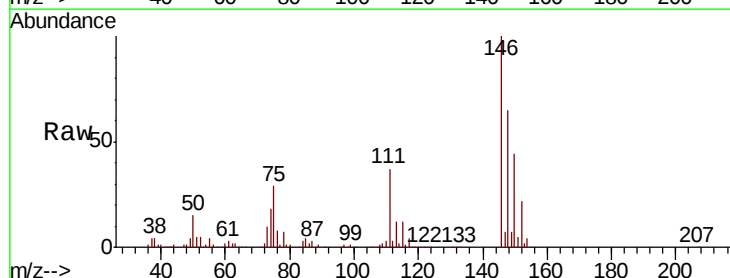
Instrument :
 MSVOA_N
 ClientSampled :

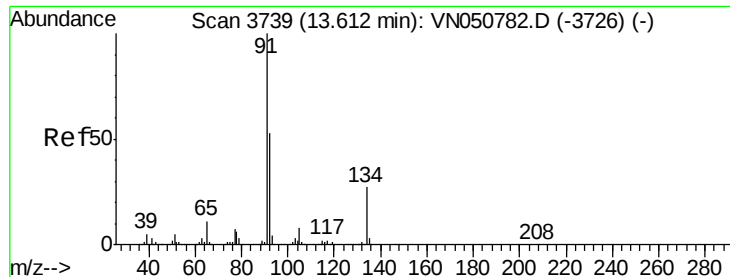
Tot Ion:146 Resp: 293446
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.1 57.3
 148 64.5 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 18.88 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN050842.D
 Acq: 23 Aug 2018 10:40

Tgt Ion:146 Resp: 280845
 Ion Ratio Lower Upper
 146 100
 111 38.6 18.8 56.3
 148 64.8 32.2 96.6

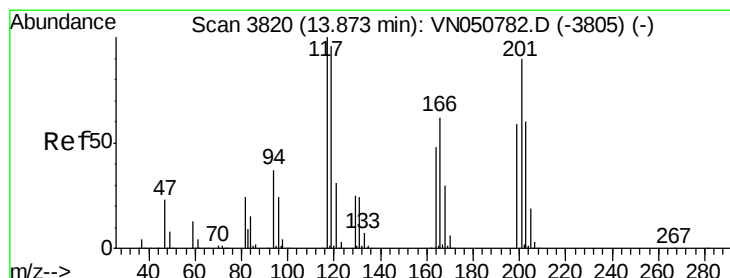
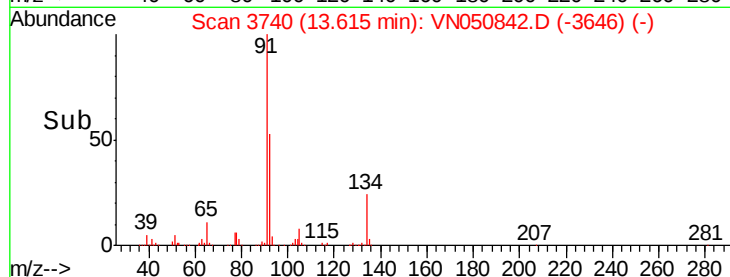
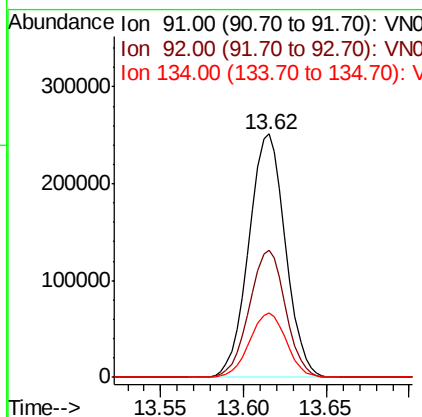
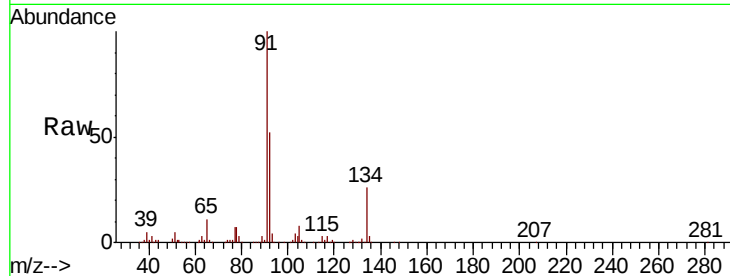




#89
n-Butylbenzene
Concen: 18.92 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. 0.00 min
Lab File: VN050842.D
Acq: 23 Aug 2018 10:40

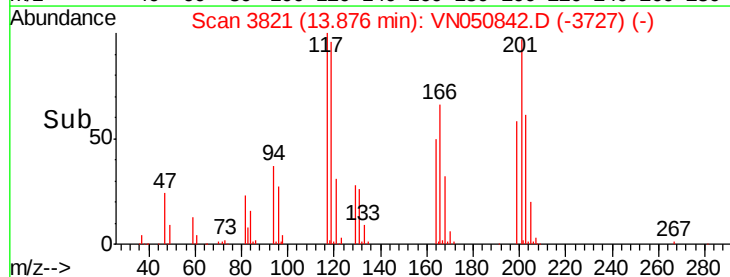
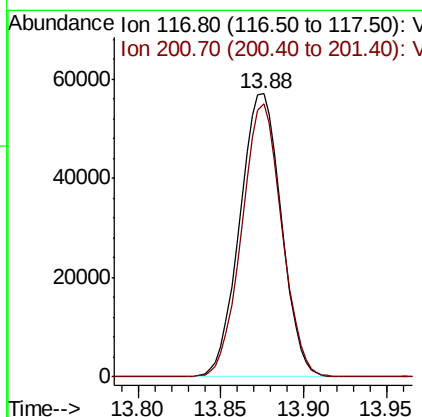
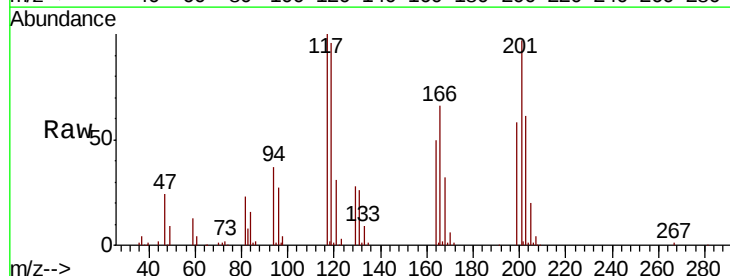
Instrument :
MSVOA_N
ClientSampleId :

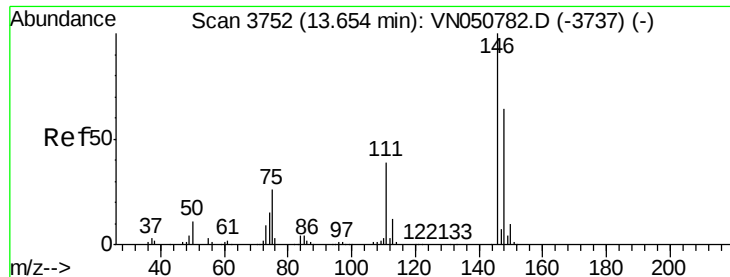
Tot Ion: 91 Resp: 387100
Ion Ratio Lower Upper
91 100
92 51.6 26.1 78.2
134 26.5 13.2 39.6



#90
Hexachloroethane
Concen: 20.52 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN050842.D
Acq: 23 Aug 2018 10:40

Tgt Ion: 117 Resp: 99489
Ion Ratio Lower Upper
117 100
201 92.7 46.0 137.8





#91

1,2-Dichlorobenzene

Concen: 19.56 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. -0.00 min

Lab File: VN050842.D

Acq: 23 Aug 2018 10:40

Instrument :

MSVOA_N

ClientSampled :

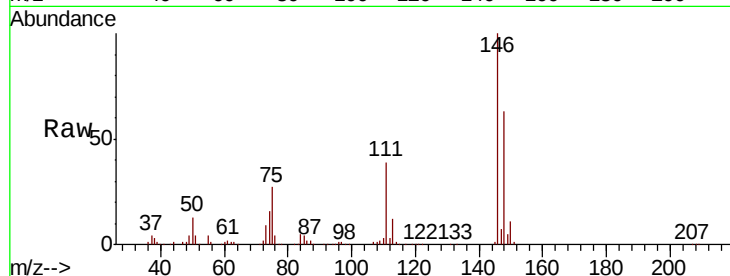
Tot Ion:146 Resp: 285277

Ion Ratio Lower Upper

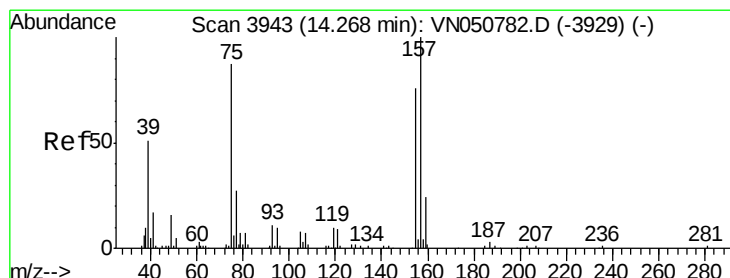
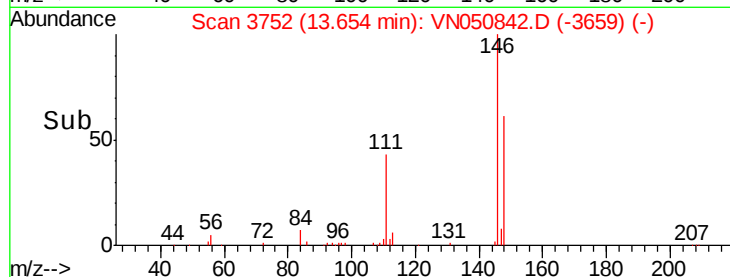
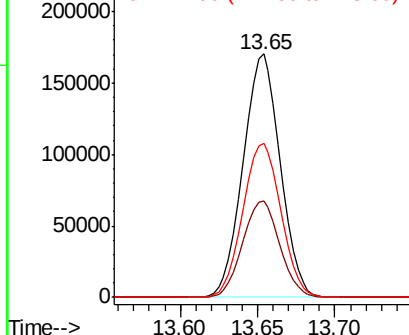
146 100

111 39.5 19.8 59.3

148 64.7 32.3 96.8



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.98 ug/l

RT: 14.27 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VN050842.D

Acq: 23 Aug 2018 10:40

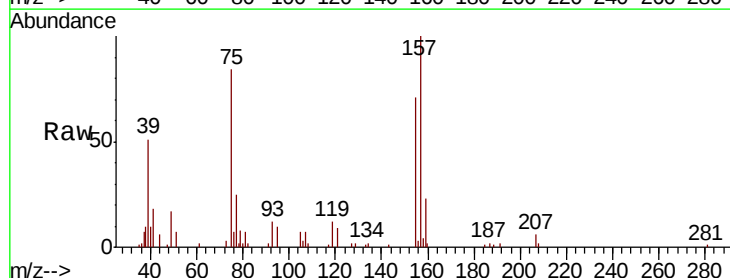
Tgt Ion: 75 Resp: 22339

Ion Ratio Lower Upper

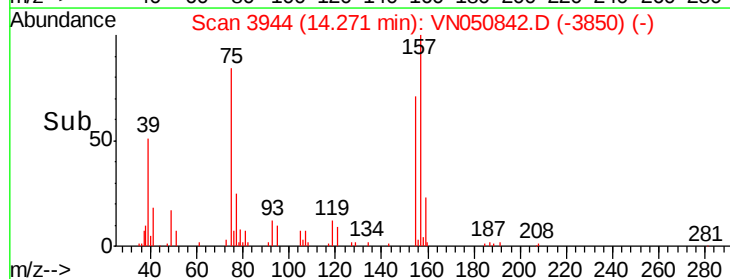
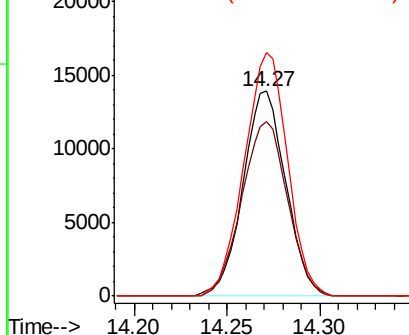
75 100

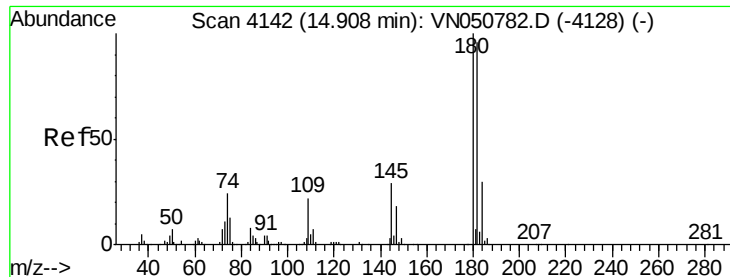
155 90.7 46.4 139.1

157 120.4 60.7 182.0



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

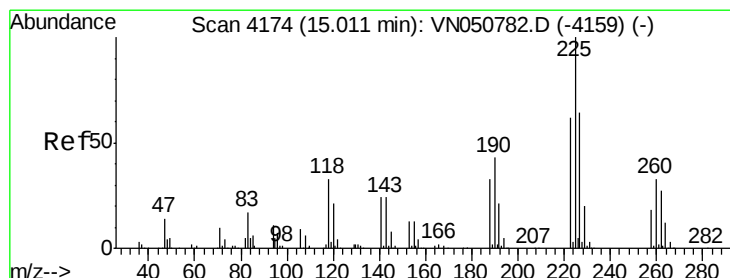
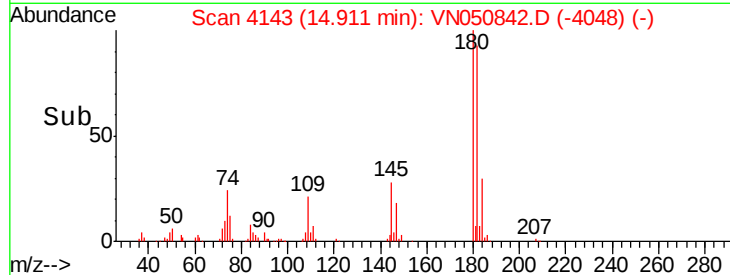
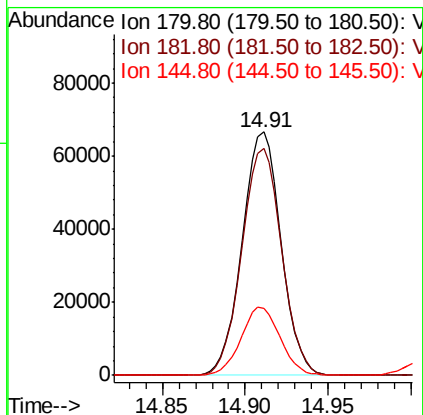
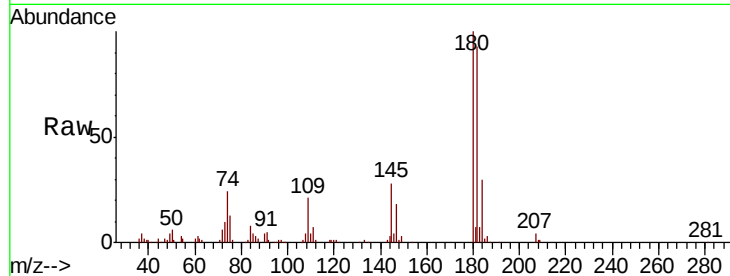




#93
 1,2,4-Trichlorobenzene
 Concen: 17.26 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050842.D
 Acq: 23 Aug 2018 10:40

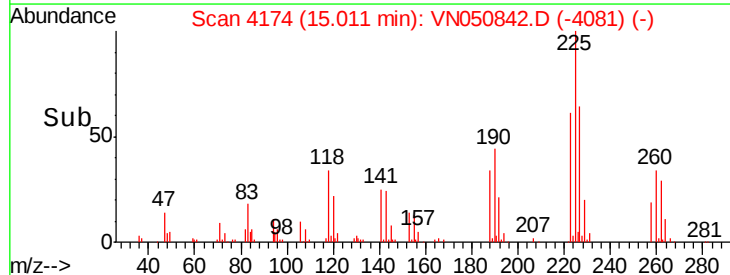
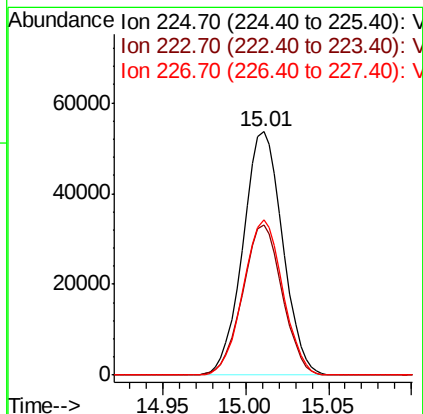
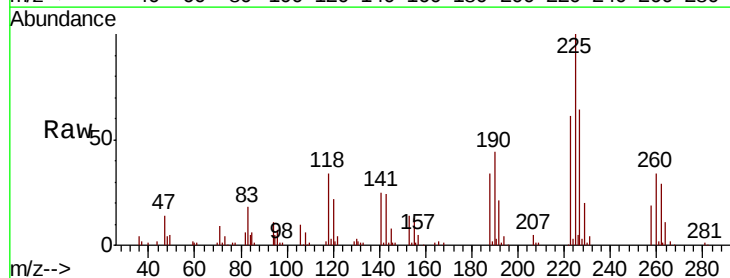
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 108895
 Ion Ratio Lower Upper
 180 100
 182 95.5 48.2 144.6
 145 28.2 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 19.94 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. 0.00 min
 Lab File: VN050842.D
 Acq: 23 Aug 2018 10:40

Tgt Ion:225 Resp: 89105
 Ion Ratio Lower Upper
 225 100
 223 61.6 31.3 93.8
 227 63.8 32.0 96.2





#95

Naphthalene

Concen: 16.71 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN050842.D

Acq: 23 Aug 2018 10:40

Instrument :

MSVOA_N

ClientSampled :

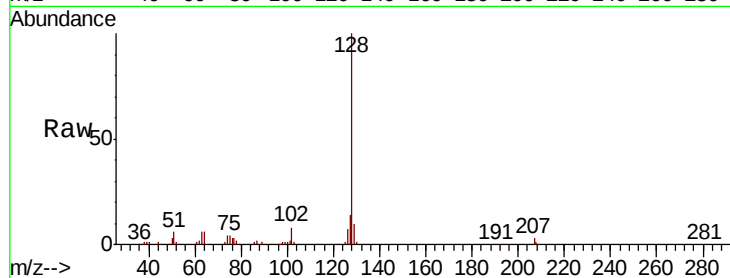
Tot Ion:128 Resp: 200563

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 10.7 8.7 13.1

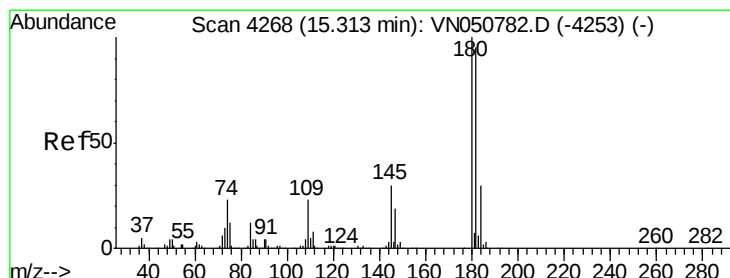
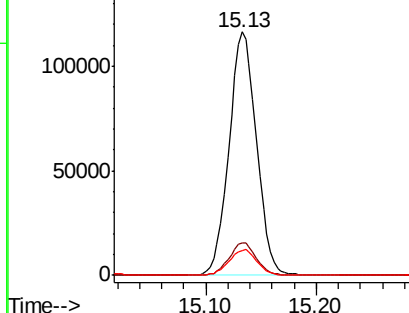
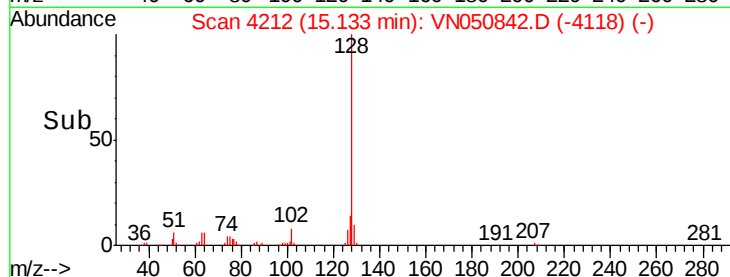


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.82 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. 0.00 min

Lab File: VN050842.D

Acq: 23 Aug 2018 10:40

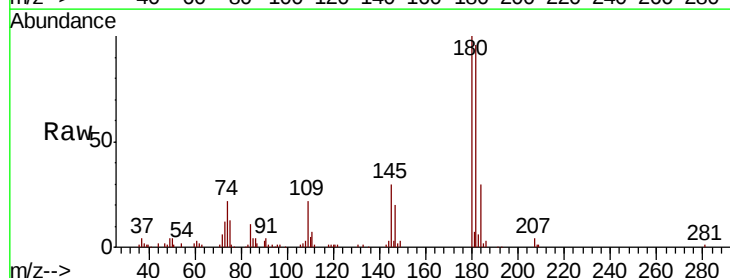
Tgt Ion:180 Resp: 110590

Ion Ratio Lower Upper

180 100

182 96.3 48.0 144.2

145 30.2 15.2 45.6



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

