

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049266.D
 Acq On : 15 Jun 2018 17:43
 Operator : MD\SY
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 16 01:20:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1634722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2385309	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2187866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1123089	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	1012999	46.72	ug/l	0.00
Spiked Amount			Recovery	=	93.44%	
35) Dibromofluoromethane	7.59	113	934395	48.42	ug/l	0.00
Spiked Amount			Recovery	=	96.84%	
50) Toluene-d8	10.09	98	3565584	48.52	ug/l	0.00
Spiked Amount			Recovery	=	97.04%	
62) 4-Bromofluorobenzene	12.40	95	1201140	49.44	ug/l	0.00
Spiked Amount			Recovery	=	98.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	807972	42.94	ug/l	99
3) Chloromethane	2.06	50	1031655	42.46	ug/l	98
4) Vinyl Chloride	2.18	62	1108686	42.94	ug/l	100
5) Bromomethane	2.56	94	576313	42.46	ug/l	95
6) Chloroethane	2.70	64	668444	43.42	ug/l	99
7) Trichlorofluoromethane	3.01	101	1405951	43.64	ug/l	99
8) Diethyl Ether	3.41	74	521283	46.35	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.75	101	915680	44.82	ug/l	93
10) Methyl Iodide	3.95	142	955668	44.93	ug/l	92
11) Tert butyl alcohol	4.79	59	293325	230.50	ug/l	97
12) 1,1-Dichloroethene	3.73	96	832040	44.39	ug/l	91
13) Acrolein	3.60	56	312789	234.38	ug/l	99
14) Allyl chloride	4.32	41	1384690	46.79	ug/l	88
15) Acrylonitrile	4.99	53	1458640	229.23	ug/l	99
16) Acetone	3.82	43	1299059	246.76	ug/l	90
17) Carbon Disulfide	4.05	76	2518779	42.87	ug/l	100
18) Methyl Acetate	4.32	43	706235	44.00	ug/l	95
19) Methyl tert-butyl Ether	5.04	73	2311487	48.37	ug/l	99
20) Methylene Chloride	4.55	84	937203	42.63	ug/l	93
21) trans-1,2-Dichloroethene	5.04	96	895495	45.13	ug/l	91
22) Diisopropyl ether	5.95	45	2812808	47.59	ug/l	96
23) Vinyl Acetate	5.90	43	9512134	246.89	ug/l	96
24) 1,1-Dichloroethane	5.85	63	1705850	45.10	ug/l	99
25) 2-Butanone	6.84	43	1708150	241.64	ug/l	95
26) 2,2-Dichloropropane	6.82	77	1443143	47.24	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	1023390	46.39	ug/l	92
28) Bromochloromethane	7.19	49	762234	45.45	ug/l	84
29) Tetrahydrofuran	7.21	42	1059473	232.84	ug/l	93
30) Chloroform	7.37	83	1689909	44.89	ug/l	100
31) Cyclohexane	7.65	56	1538576	47.97	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	1454400	45.28	ug/l	96
36) 1,1-Dichloropropene	7.79	75	1327322	48.55	ug/l	98
37) Ethyl Acetate	6.93	43	742943	49.99	ug/l	96
38) Carbon Tetrachloride	7.77	117	1306272	46.15	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1469963	50.09	ug/l	96
40) Benzene	8.04	78	3881775	46.31	ug/l	98
41) Methacrylonitrile	7.18	41	407876	50.76	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	1181326	45.62	ug/l	96
43) Isopropyl Acetate	8.17	43	1356800	47.78	ug/l #	81
44) Trichloroethene	8.83	130	1038057	46.90	ug/l	94
45) 1,2-Dichloropropane	9.12	63	1032219	47.04	ug/l	99
46) Dibromomethane	9.21	93	584715	45.95	ug/l	92
47) Bromodichloromethane	9.40	83	1294720	46.30	ug/l	96
48) Methyl methacrylate	9.20	41	648241	48.48	ug/l	86
49) 1,4-Dioxane	9.20	88	173643	940.86	ug/l #	92
51) 4-Methyl-2-Pentanone	9.99	43	3620501	243.27	ug/l	93
52) Toluene	10.16	92	2401708	48.82	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	1321038	49.38	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1550446	49.09	ug/l #	88
55) 1,1,2-Trichloroethane	10.56	97	847162	46.20	ug/l	95
56) Ethyl methacrylate	10.43	69	1072148	50.68	ug/l #	86
57) 1,3-Dichloropropane	10.71	76	1431714	47.13	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	1817807	240.90	ug/l	94
59) 2-Hexanone	10.75	43	2446180	254.95	ug/l	92
60) Dibromochloromethane	10.90	129	970677	47.43	ug/l	99
61) 1,2-Dibromoethane	11.01	107	805643	47.26	ug/l	99
64) Tetrachloroethene	10.63	164	1001252	44.66	ug/l	98
65) Chlorobenzene	11.44	112	2605561	46.23	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	968448	45.66	ug/l	99
67) Ethyl Benzene	11.51	91	4560168	48.78	ug/l	98
68) m/p-Xylenes	11.62	106	3525879	100.50	ug/l	96
69) o-Xylene	11.95	106	1677520	49.64	ug/l	96
70) Styrene	11.97	104	2732218	51.25	ug/l	97
71) Bromoform	12.13	173	652023	47.49	ug/l #	99
73) Isopropylbenzene	12.25	105	4557638	46.22	ug/l	98
74) N-amyl acetate	12.07	43	1140665	47.23	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.51	83	986870	48.58	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	1231781	64.28	ug/l #	100
77) Bromobenzene	12.53	156	1101988	42.31	ug/l	92
78) n-propylbenzene	12.59	91	5225298	48.26	ug/l	99
79) 2-Chlorotoluene	12.68	91	3066035	44.69	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	3707673	47.84	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	276938	45.68	ug/l	91
82) 4-Chlorotoluene	12.78	91	3090280	46.69	ug/l	97
83) tert-Butylbenzene	12.99	119	3166294	46.11	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	3727894	48.42	ug/l	97
85) sec-Butylbenzene	13.17	105	4309828	47.16	ug/l	99
86) p-Isopropyltoluene	13.29	119	3726840	48.81	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	1957996	45.69	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1910775	44.99	ug/l	100
89) n-Butylbenzene	13.62	91	3058348	51.28	ug/l	97
90) Hexachloroethane	13.88	117	712210	49.26	ug/l	91
91) 1,2-Dichlorobenzene	13.65	146	1901928	45.26	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	146825	42.77	ug/l	83

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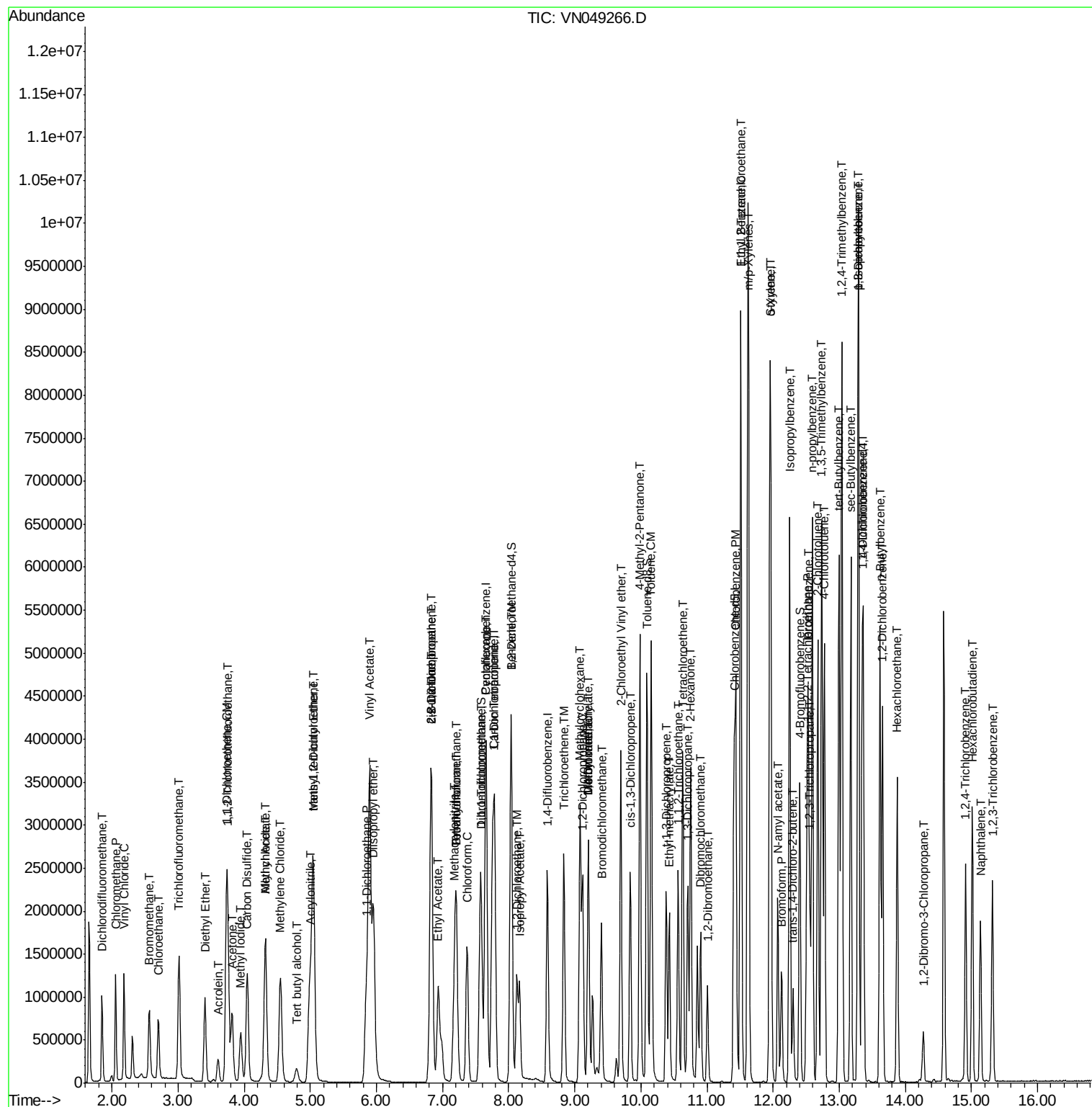
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	875488	45.88	ug/l	98
94) Hexachlorobutadiene	15.01	225	678185	55.47	ug/l	99
95) Naphthalene	15.14	128	1665692	48.94	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	871857	46.56	ug/l	98

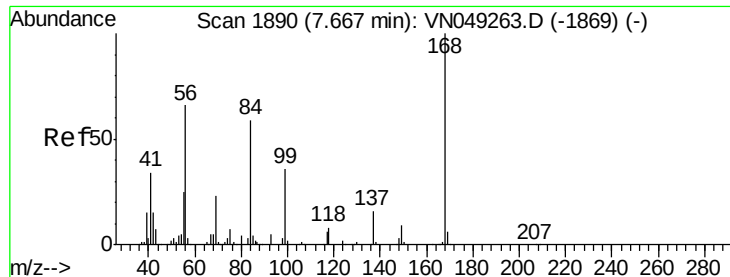
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

Instrument :

MSVOA_N

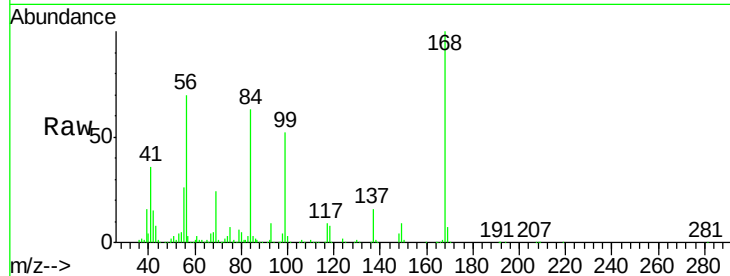
ClientSampled :

Tot Ion:168 Resp: 1634722

Ion Ratio Lower Upper

168 100

99 51.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

600000

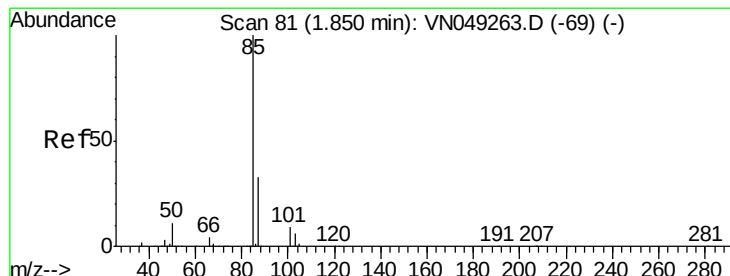
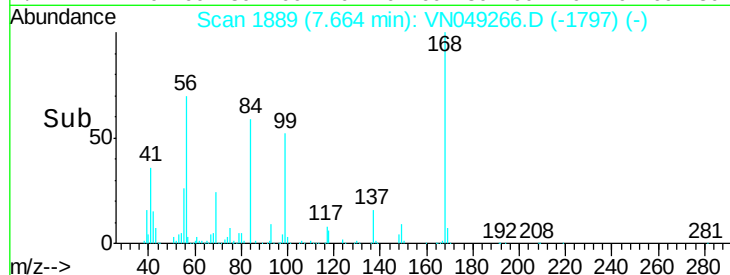
400000

200000

0

7.50 7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 42.94 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN049266.D

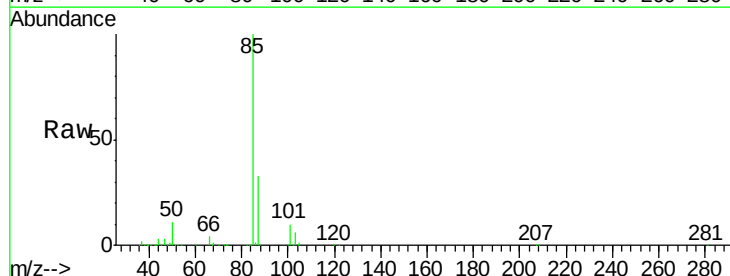
Acq: 15 Jun 2018 17:43

Tgt Ion: 85 Resp: 807972

Ion Ratio Lower Upper

85 100

87 32.9 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

600000

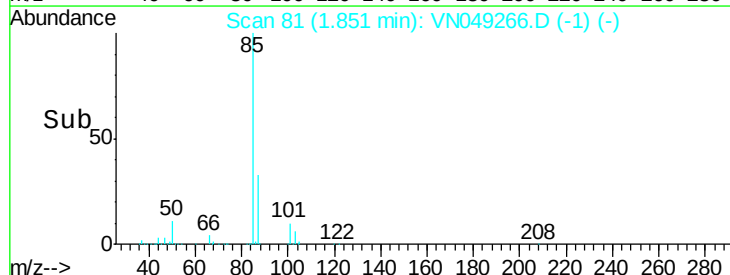
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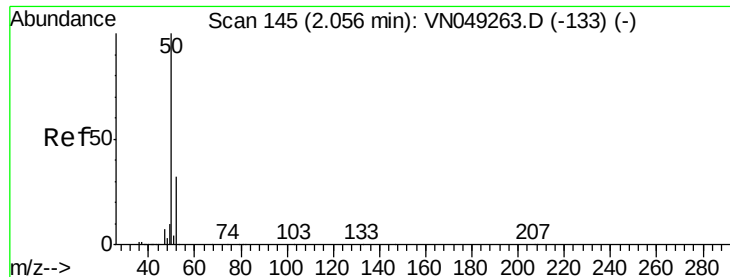
200000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 42.46 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

Instrument :

MSVOA_N

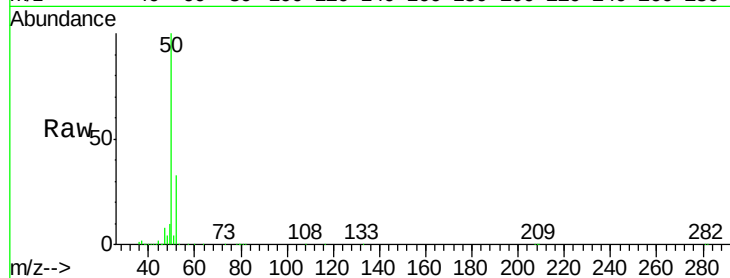
ClientSampled :

Tot Ion: 50 Resp: 1031655

Ion Ratio Lower Upper

50 100

52 32.5 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VN049266.D (-52) (-)

Ion 51.90 (51.60 to 52.60): VN049266.D (-52) (-)

2.06

800000

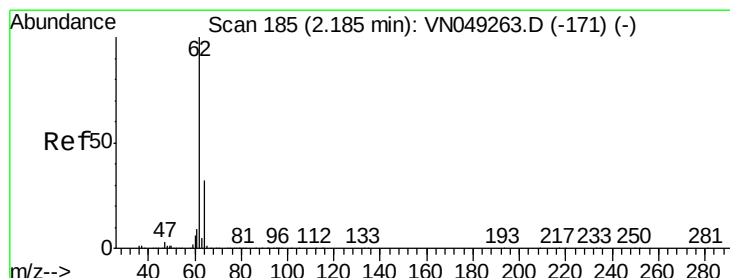
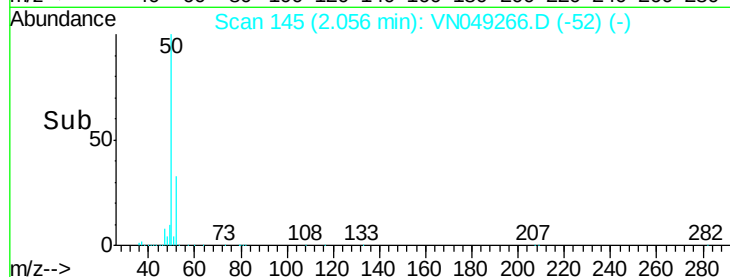
600000

400000

200000

0

Time-->



#4

Vinyl Chloride

Concen: 42.94 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049266.D

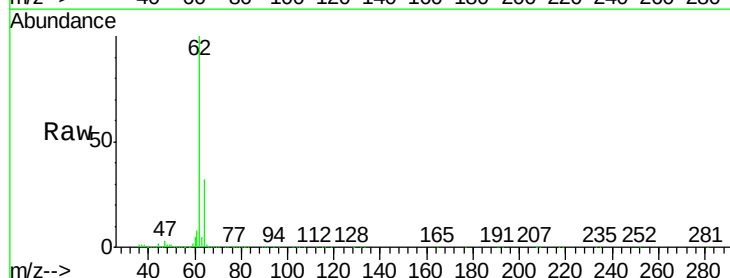
Acq: 15 Jun 2018 17:43

Tgt Ion: 62 Resp: 1108686

Ion Ratio Lower Upper

62 100

64 32.3 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN049266.D (-92) (-)

Ion 63.90 (63.60 to 64.60): VN049266.D (-92) (-)

2.18

800000

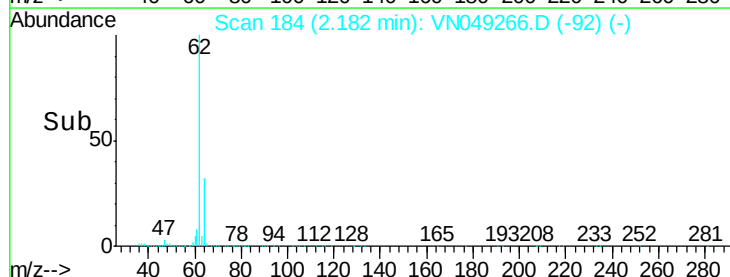
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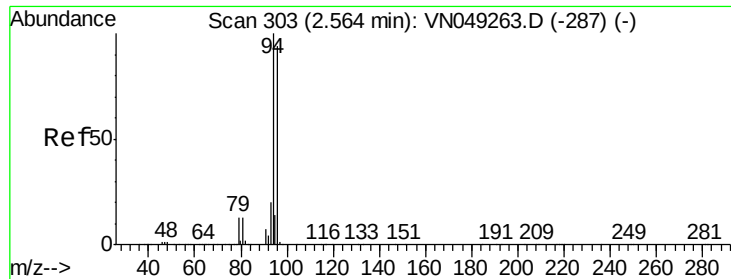
400000

200000

0

Time-->





#5

Bromomethane

Concen: 42.46 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

Instrument :

MSVOA_N

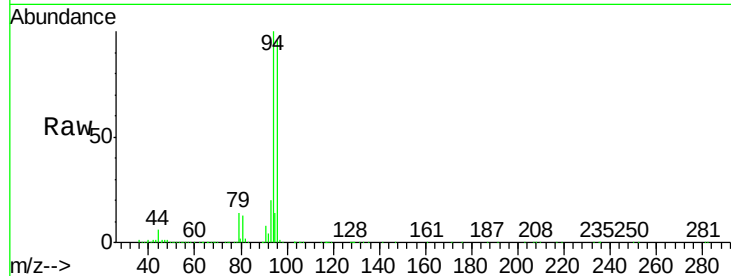
ClientSampled :

Tot Ion: 94 Resp: 576313

Ion Ratio Lower Upper

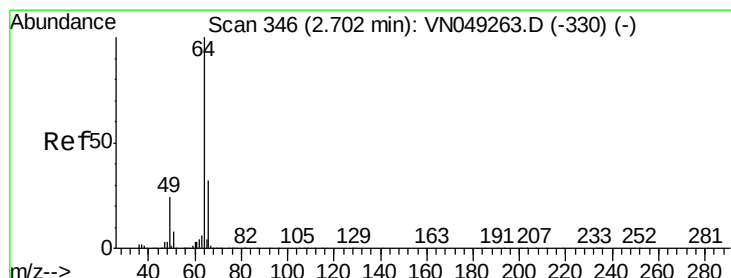
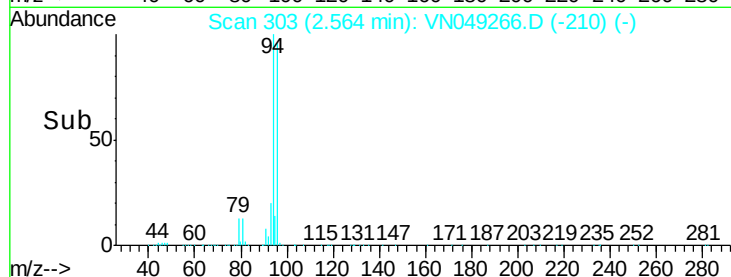
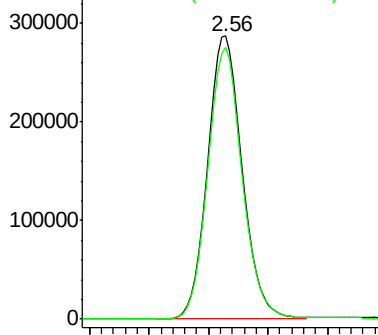
94 100

96 96.2 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 43.42 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049266.D

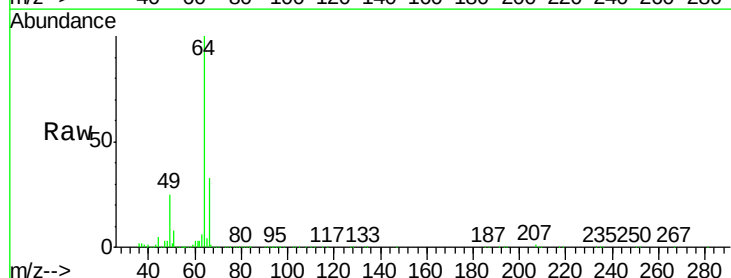
Acq: 15 Jun 2018 17:43

Tgt Ion: 64 Resp: 668444

Ion Ratio Lower Upper

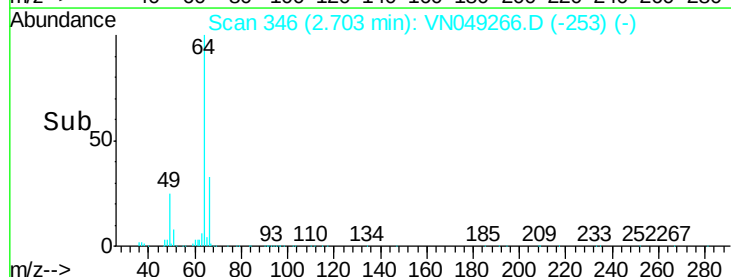
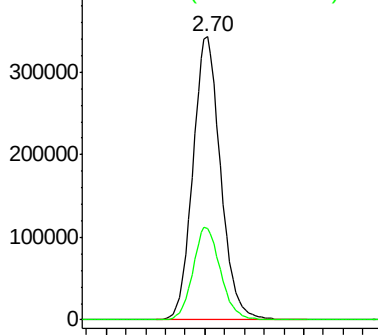
64 100

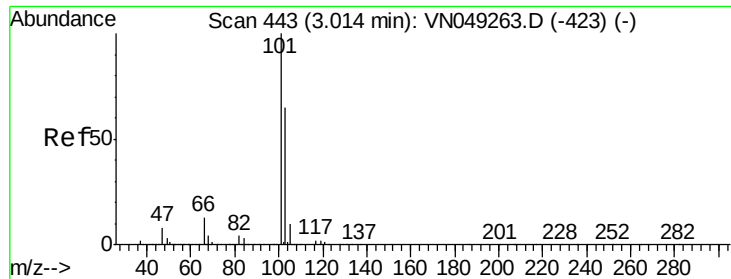
66 32.5 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



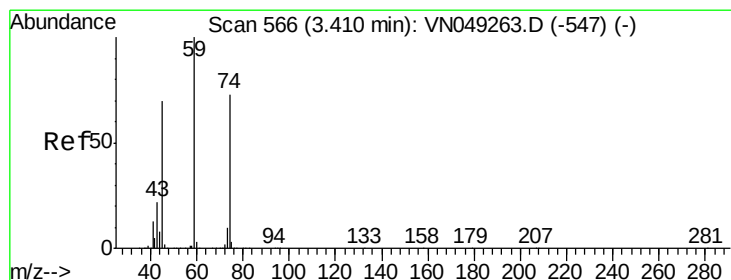
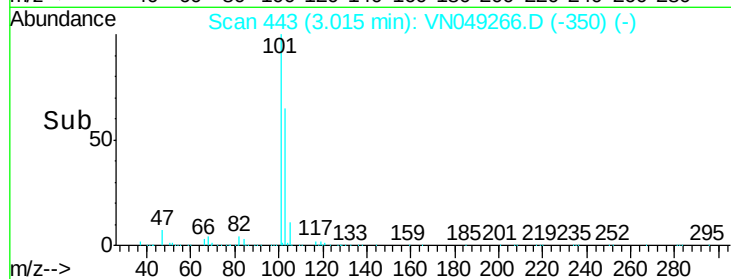
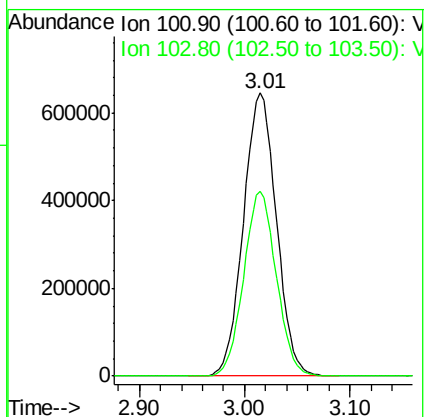
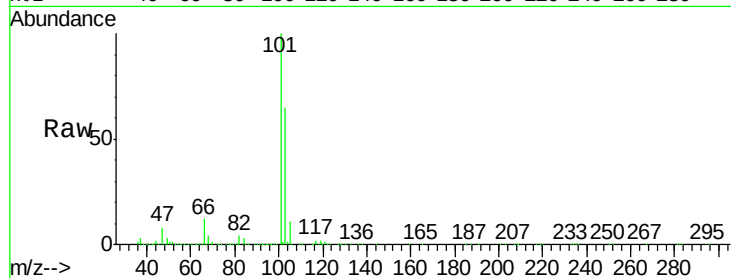


#7

Trichlorofluoromethane
Concen: 43.64 ug/l
RT: 3.01 min Scan# 443
Delta R.T. 0.00 min
Lab File: VN049266.D
Acq: 15 Jun 2018 17:43

Instrument :
MSVOA_N
ClientSampleId :

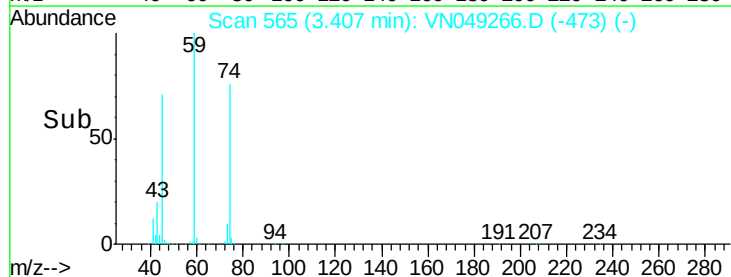
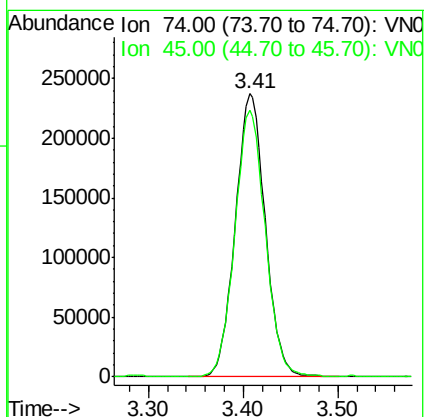
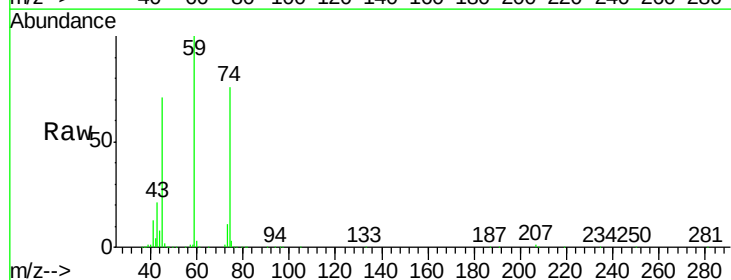
Tot Ion:101 Resp: 1405951
Ion Ratio Lower Upper
101 100
103 65.2 51.7 77.5

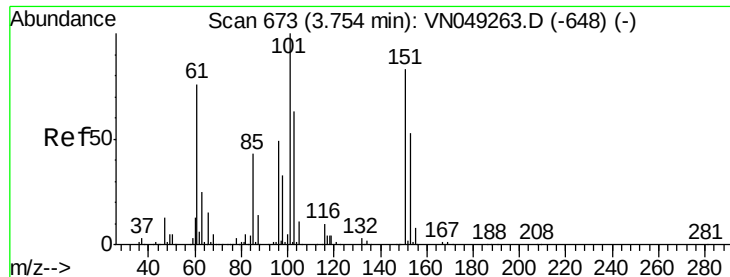


#8

Diethyl Ether
Concen: 46.35 ug/l
RT: 3.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: VN049266.D
Acq: 15 Jun 2018 17:43

Tgt Ion: 74 Resp: 521283
Ion Ratio Lower Upper
74 100
45 95.0 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.82 ug/l

RT: 3.75 min Scan# 672

Delta R.T. -0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

Instrument :

MSVOA_N

ClientSampled :

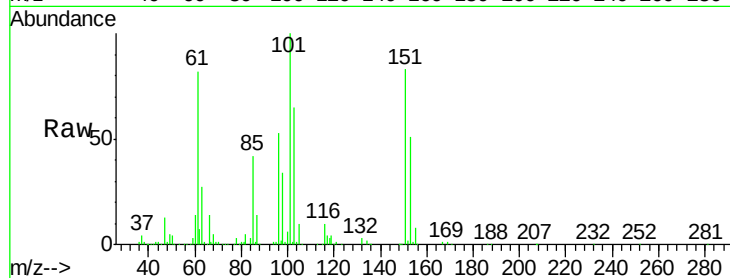
Tot Ion:101 Resp: 915680

Ion Ratio Lower Upper

101 100

85 42.4 37.6 56.4

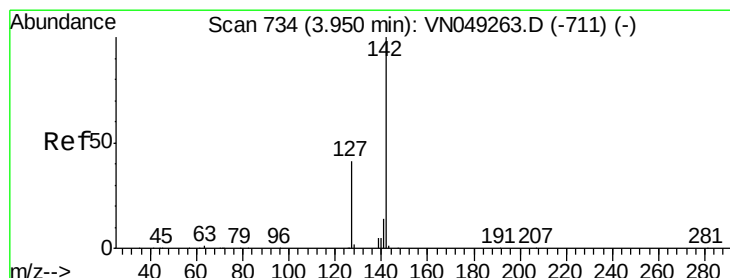
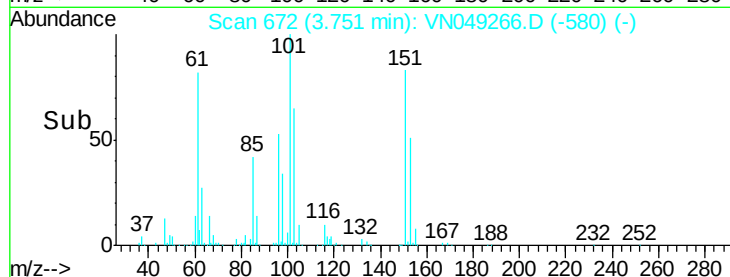
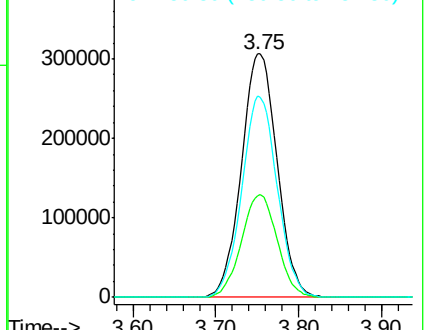
151 82.0 61.1 91.7



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: 44.93 ug/l

RT: 3.95 min Scan# 733

Delta R.T. -0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

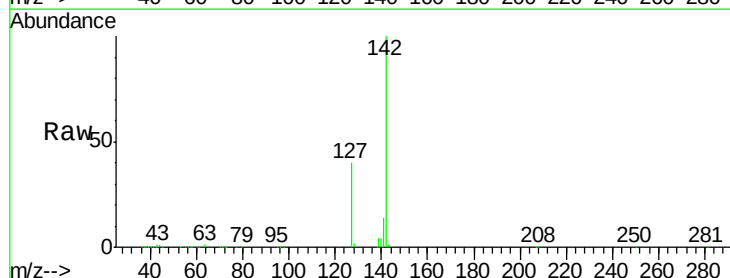
Tgt Ion:142 Resp: 955668

Ion Ratio Lower Upper

142 100

127 40.9 38.2 57.4

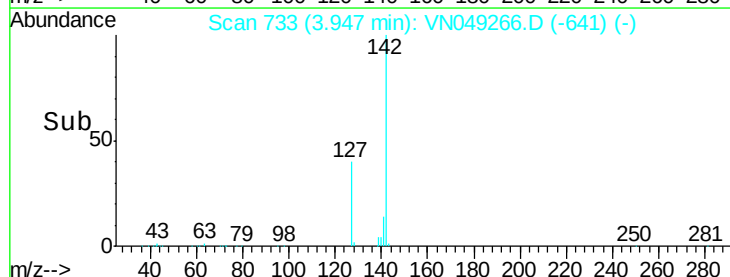
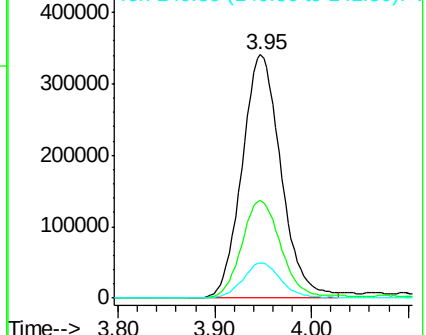
141 14.0 11.9 17.9

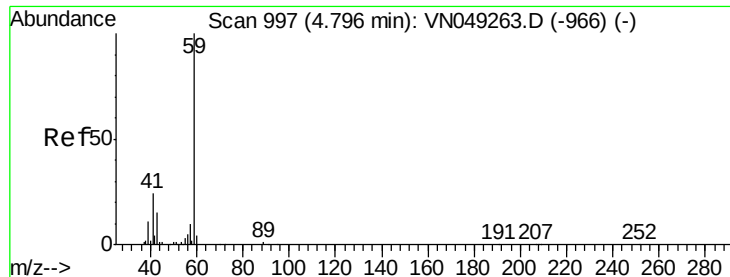


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



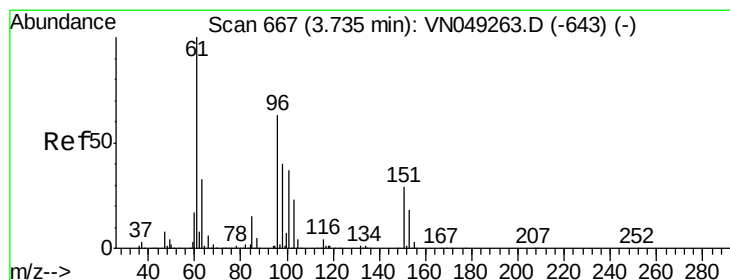
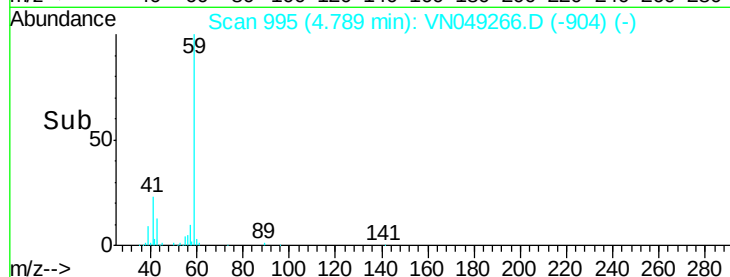
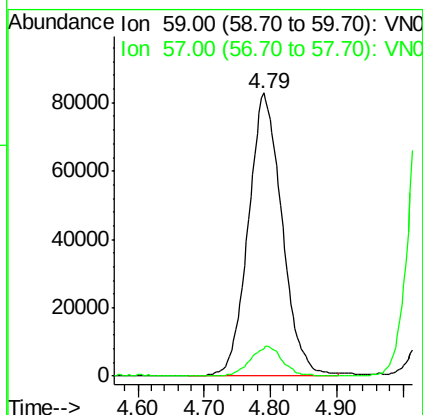
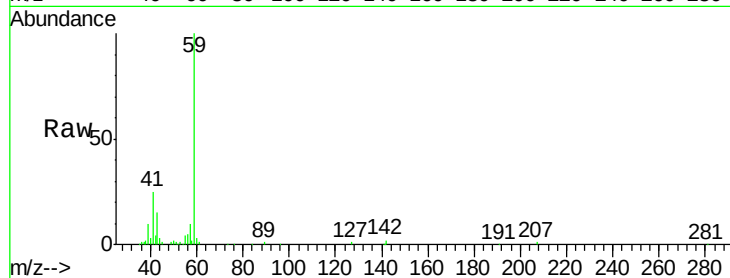


#11

Tert butyl alcohol
 Concen: 230.50 ug/l
 RT: 4.79 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: VN049266.D
 Acq: 15 Jun 2018 17:43

Instrument :
 MSVOA_N
 ClientSampleId :

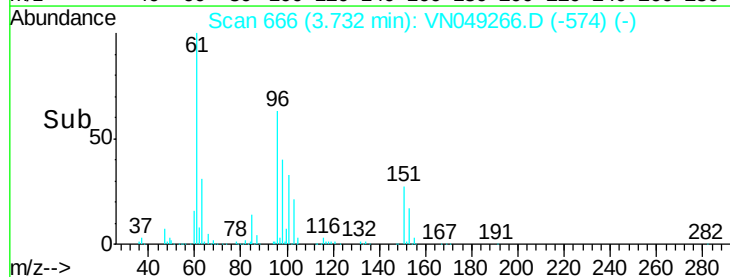
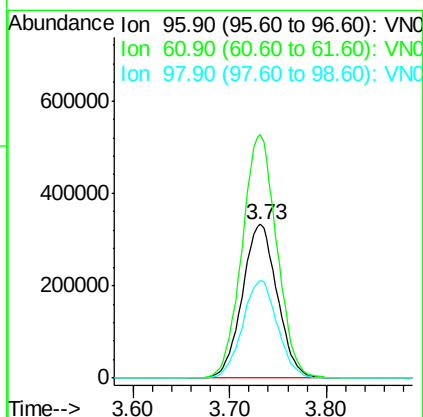
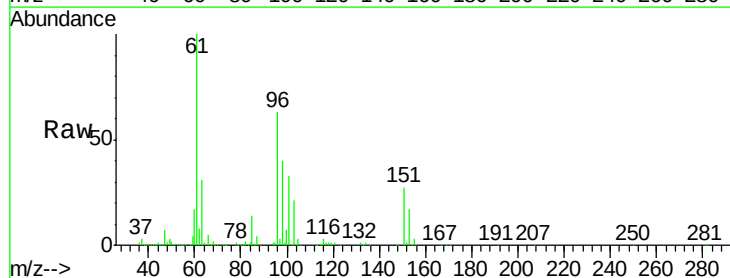
Tot Ion: 59 Resp: 293325
 Ion Ratio Lower Upper
 59 100
 57 10.0 9.0 13.6

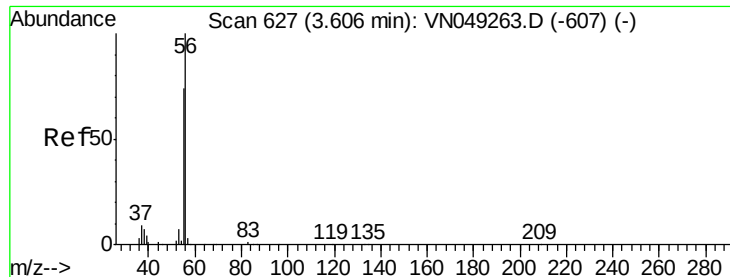


#12

1,1-Dichloroethene
 Concen: 44.39 ug/l
 RT: 3.73 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: VN049266.D
 Acq: 15 Jun 2018 17:43

Tgt Ion: 96 Resp: 832040
 Ion Ratio Lower Upper
 96 100
 61 158.4 141.0 211.4
 98 63.3 50.4 75.6





#13

Acrolein

Concen: 234.38 ug/l

RT: 3.60 min Scan# 626

Delta R.T. -0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

Instrument :

MSVOA_N

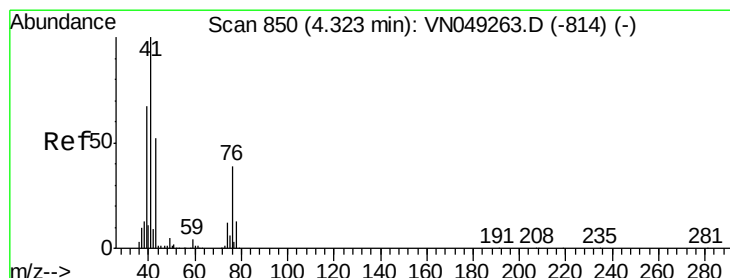
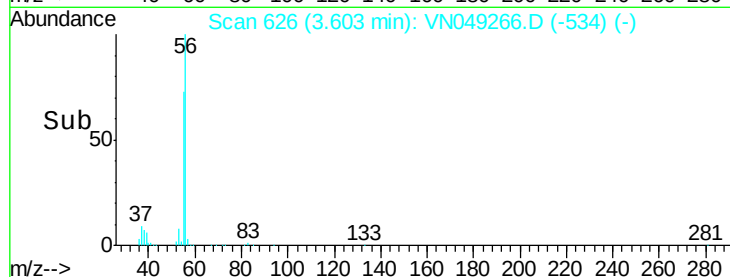
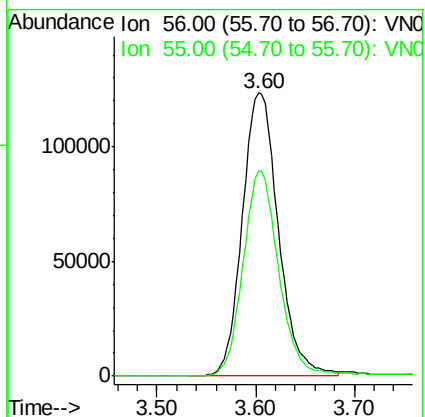
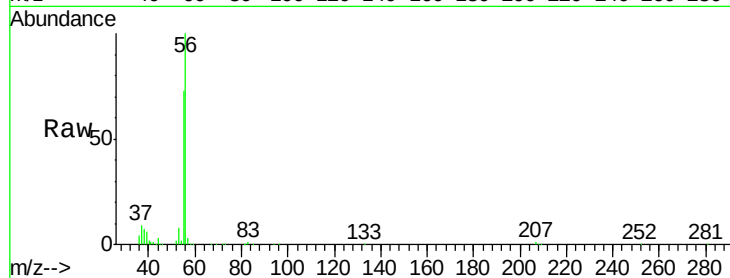
ClientSampled :

Tot Ion: 56 Resp: 312789

Ion Ratio Lower Upper

56 100

55 70.6 57.1 85.7



#14

Allyl chloride

Concen: 46.79 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

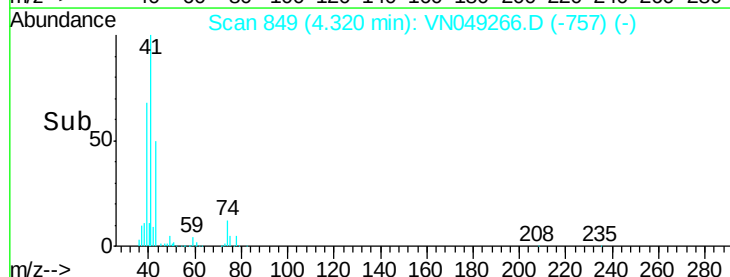
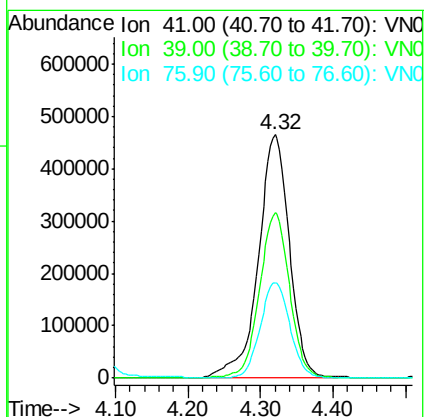
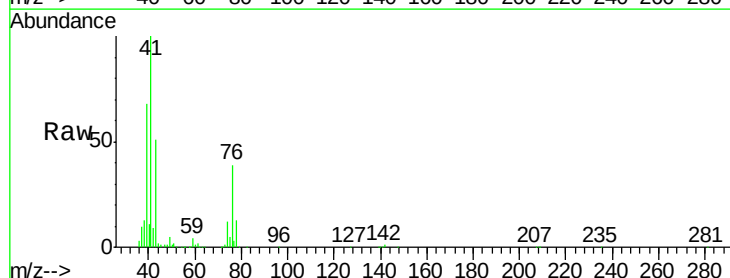
Tgt Ion: 41 Resp: 1384690

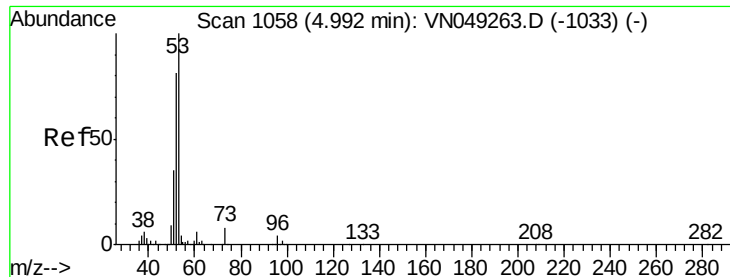
Ion Ratio Lower Upper

41 100

39 65.7 62.5 93.7

76 37.3 27.1 40.7



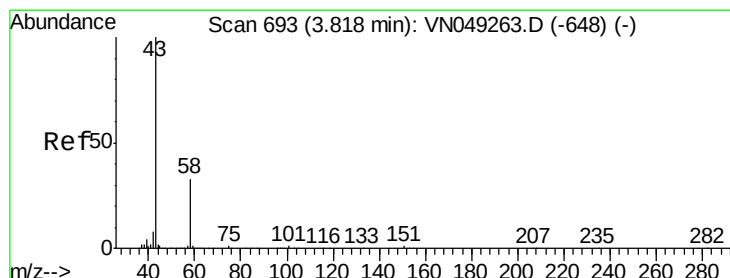
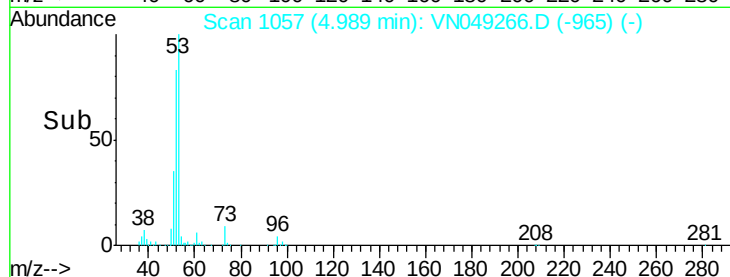
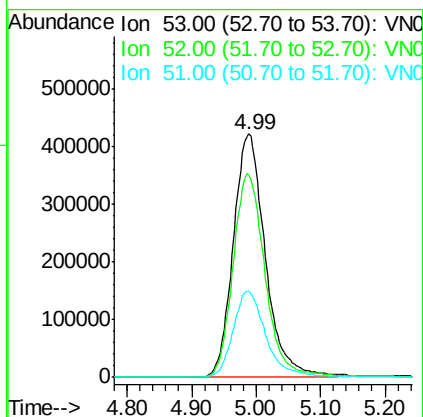
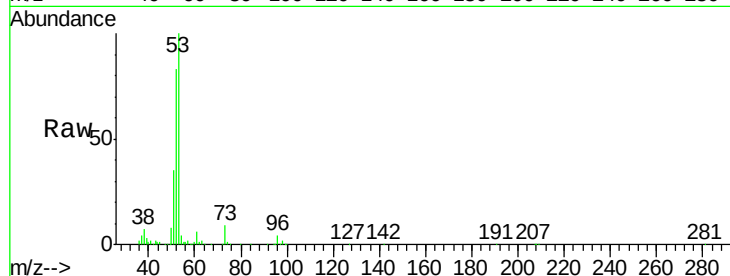


#15
 Acrylonitrile
 Concen: 229.23 ug/l
 RT: 4.99 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: VN049266.D
 Acq: 15 Jun 2018 17:43

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 53 Resp: 1458640

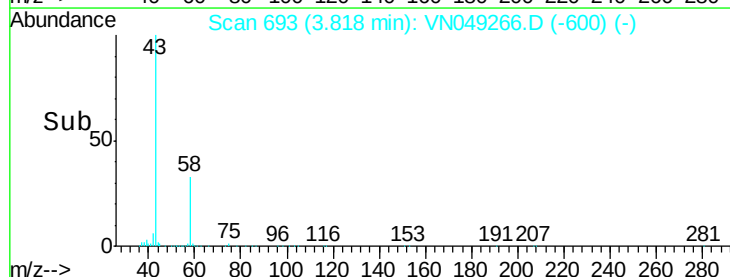
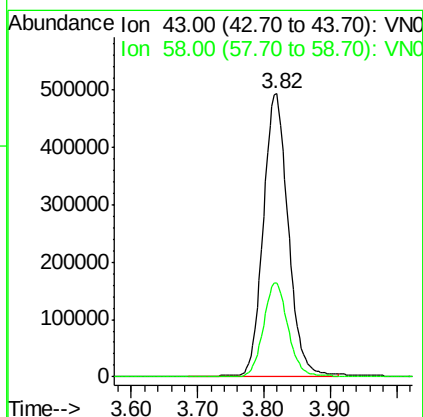
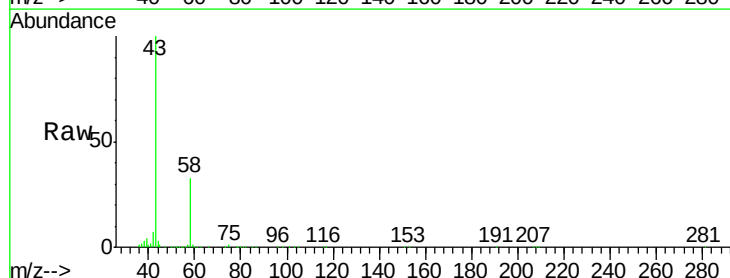
Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.6	100.0
51	36.2	29.8	44.8

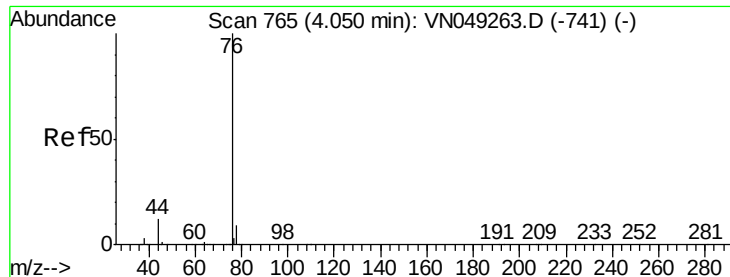


#16
 Acetone
 Concen: 246.76 ug/l
 RT: 3.82 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: VN049266.D
 Acq: 15 Jun 2018 17:43

Tgt Ion: 43 Resp: 1299059

Ion	Ratio	Lower	Upper
43	100		
58	33.1	22.4	33.6





#17

Carbon Disulfide

Concen: 42.87 ug/l

RT: 4.05 min Scan# 764

Delta R.T. -0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

Instrument :

MSVOA_N

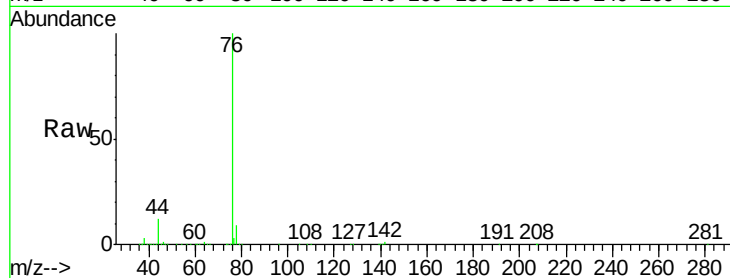
ClientSampled :

Tot Ion: 76 Resp: 2518779

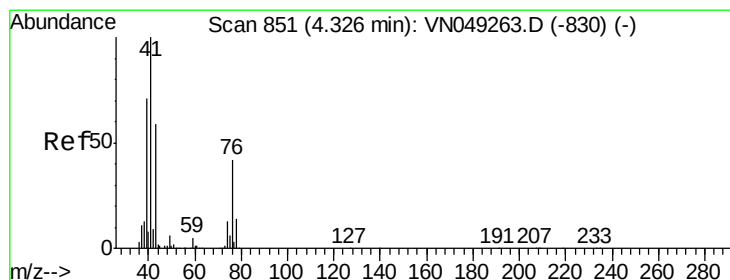
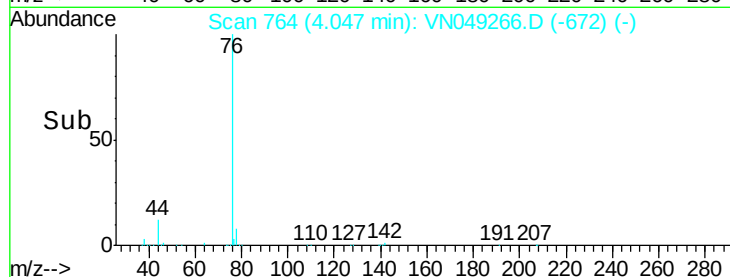
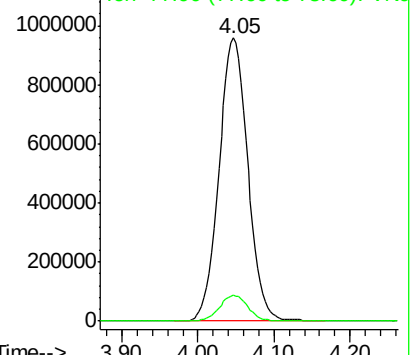
Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN049266.D (-672) (-)



#18

Methyl Acetate

Concen: 44.00 ug/l

RT: 4.32 min Scan# 850

Delta R.T. -0.00 min

Lab File: VN049266.D

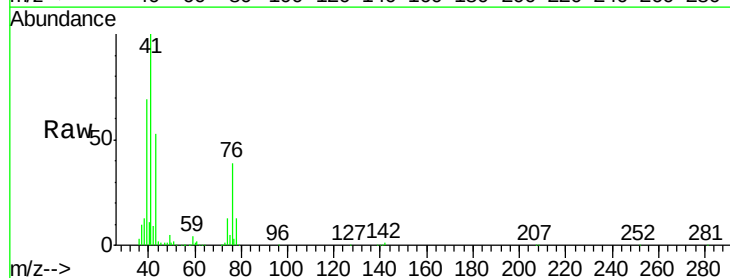
Acq: 15 Jun 2018 17:43

Tgt Ion: 43 Resp: 706235

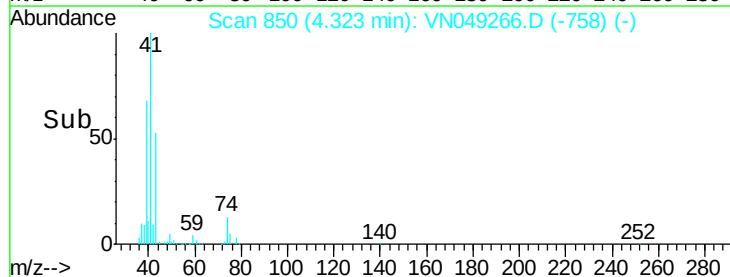
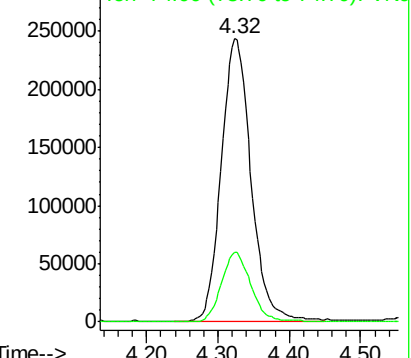
Ion Ratio Lower Upper

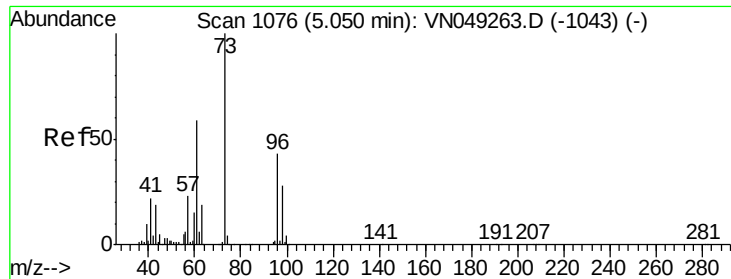
43 100

74 24.3 17.4 26.0



Abundance Ion 43.00 (42.70 to 43.70): VN049266.D (-758) (-)





#19

Methyl tert-butyl Ether

Concen: 48.37 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

Instrument :

MSVOA_N

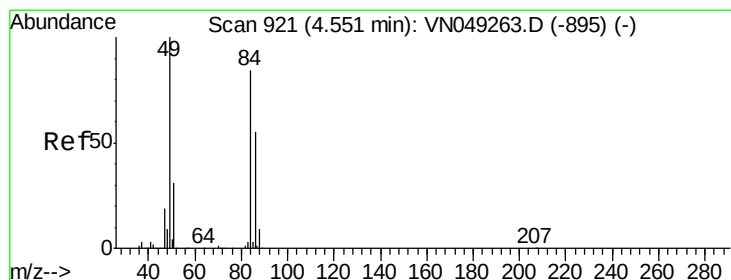
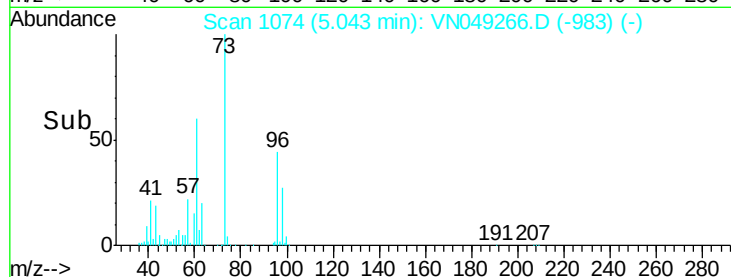
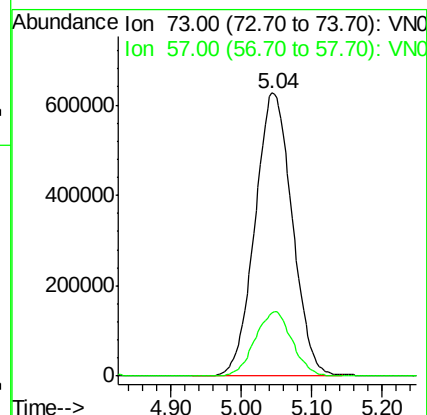
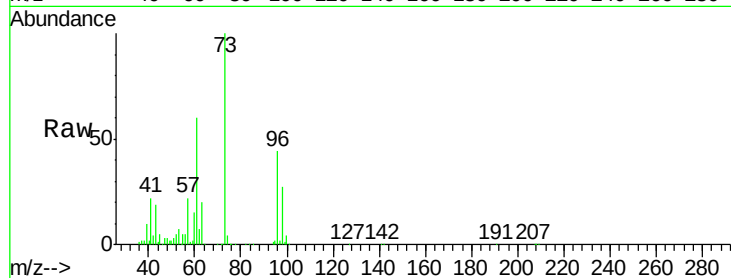
ClientSampleId :

Tot Ion: 73 Resp: 2311487

Ion Ratio Lower Upper

73 100

57 22.2 18.2 27.4



#20

Methylene Chloride

Concen: 42.63 ug/l

RT: 4.55 min Scan# 920

Delta R.T. -0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

Tgt Ion: 84 Resp: 937203

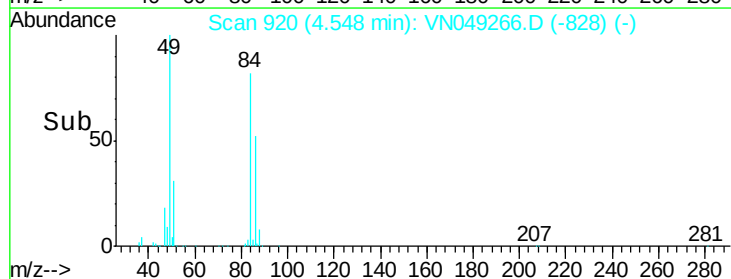
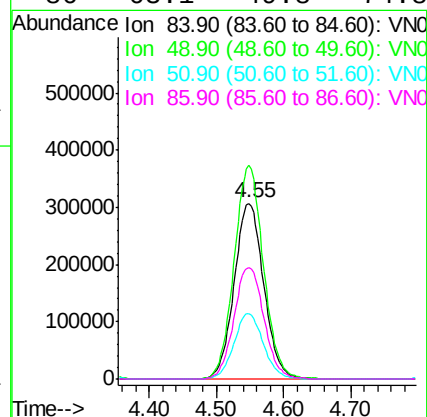
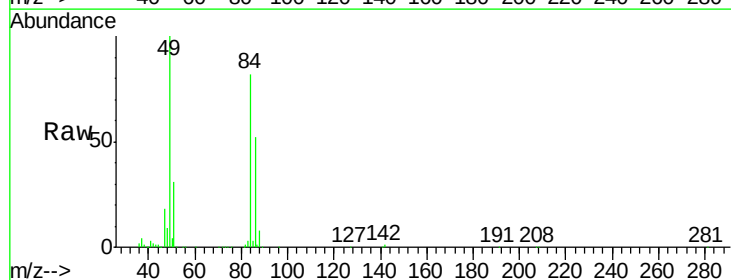
Ion Ratio Lower Upper

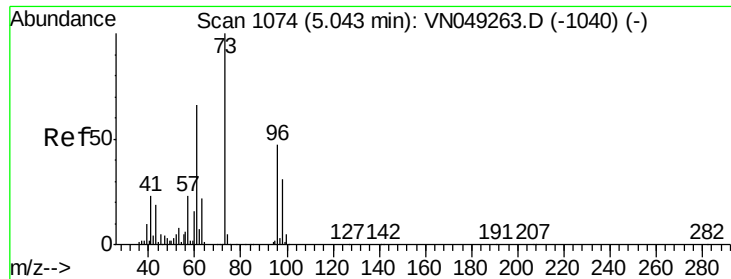
84 100

49 121.6 106.9 160.3

51 37.3 32.7 49.1

86 63.1 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 45.13 ug/l

RT: 5.04 min Scan# 1072

Delta R.T. -0.01 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

Instrument :

MSVOA_N

ClientSampled :

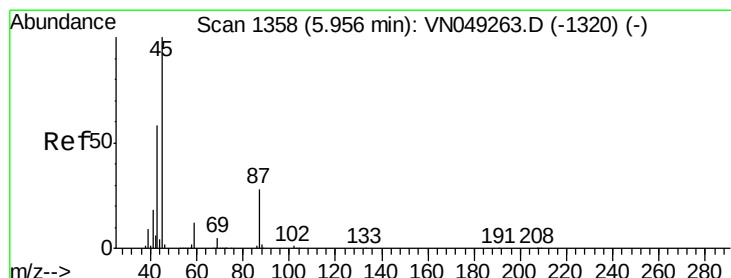
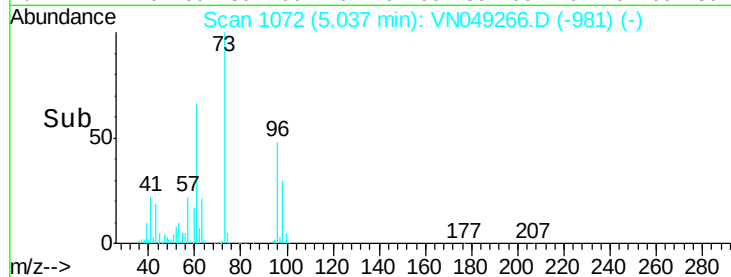
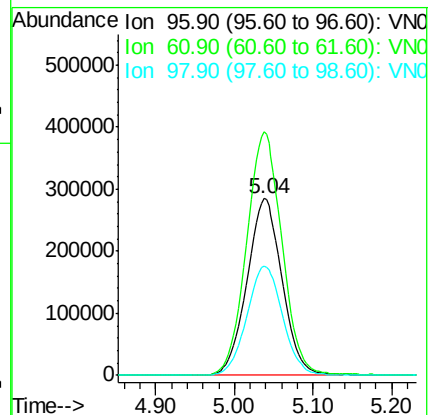
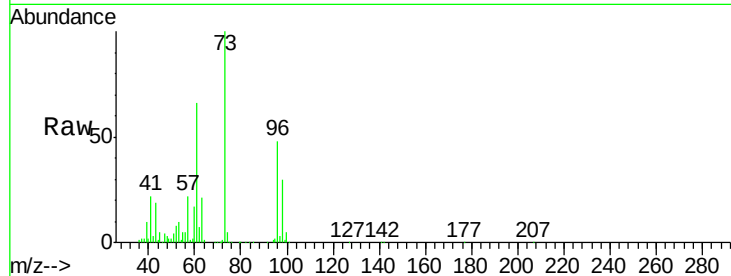
Tot Ion: 96 Resp: 895495

Ion Ratio Lower Upper

96 100

61 138.0 121.3 181.9

98 62.1 52.0 78.0



#22

Diisopropyl ether

Concen: 47.59 ug/l

RT: 5.95 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

Tgt Ion: 45 Resp: 2812808

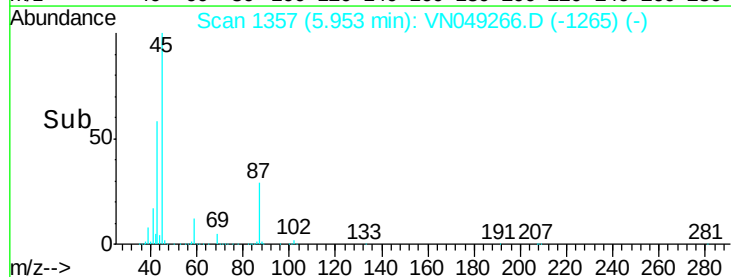
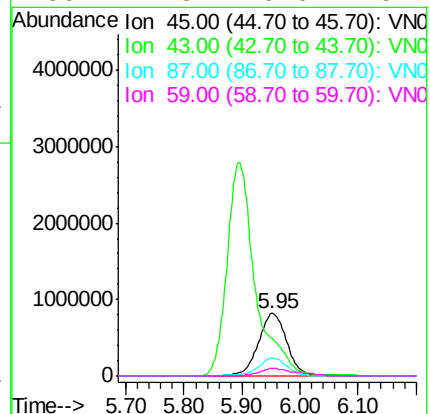
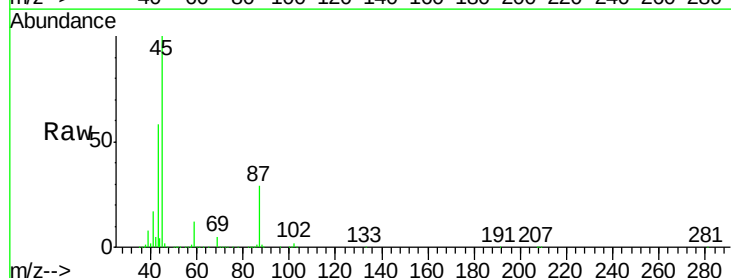
Ion Ratio Lower Upper

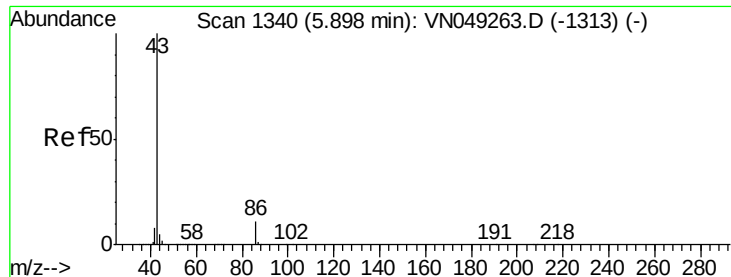
45 100

43 58.3 48.6 72.8

87 28.7 20.2 30.2

59 12.3 9.0 13.4





#23

Vinyl Acetate

Concen: 246.89 ug/l

RT: 5.90 min Scan# 1339

Delta R.T. -0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

Instrument :

MSVOA_N

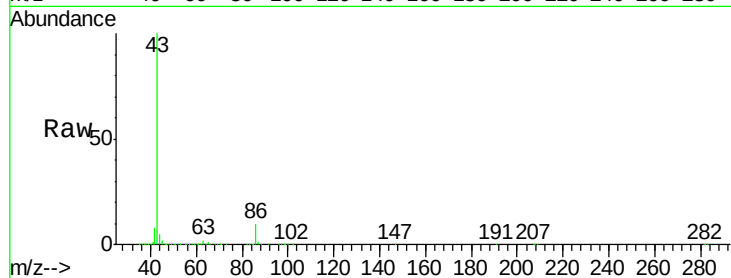
ClientSampled :

Tot Ion: 43 Resp: 9512134

Ion Ratio Lower Upper

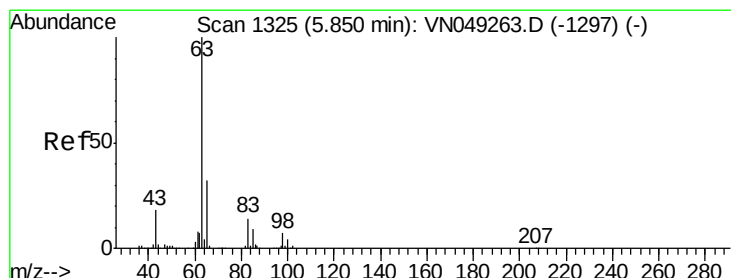
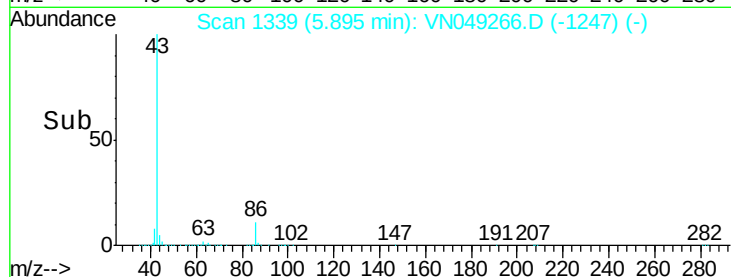
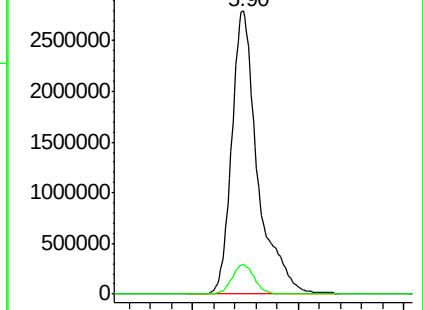
43 100

86 10.5 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN049266.D (-1247) (-)

Ion 86.00 (85.70 to 86.70): VN049266.D (-1247) (-)



#24

1,1-Dichloroethane

Concen: 45.10 ug/l

RT: 5.85 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

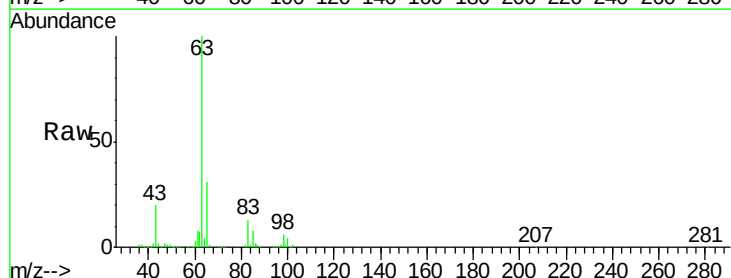
Tgt Ion: 63 Resp: 1705850

Ion Ratio Lower Upper

63 100

98 6.3 2.9 8.8

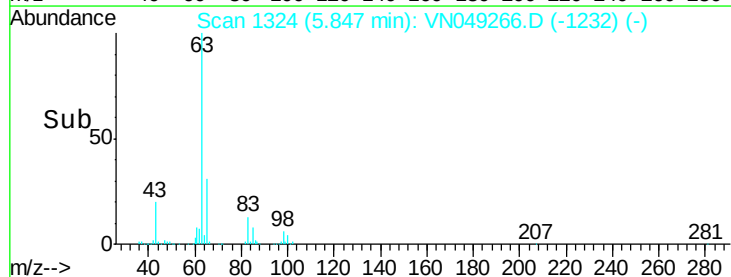
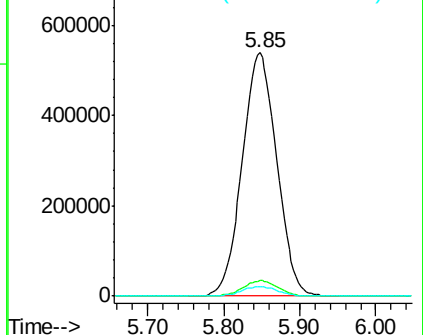
100 4.0 2.1 6.3

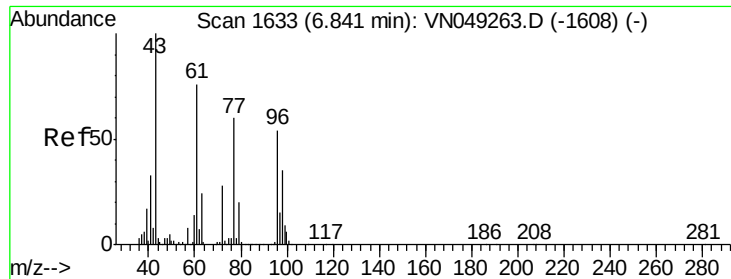


Abundance Ion 62.90 (62.60 to 63.60): VN049266.D (-1232) (-)

Ion 97.90 (97.60 to 98.60): VN049266.D (-1232) (-)

Ion 99.90 (99.60 to 100.60): VN049266.D (-1232) (-)





#25

2-Butanone

Concen: 241.64 ug/l

RT: 6.84 min Scan# 1632

Delta R.T. -0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

Instrument :

MSVOA_N

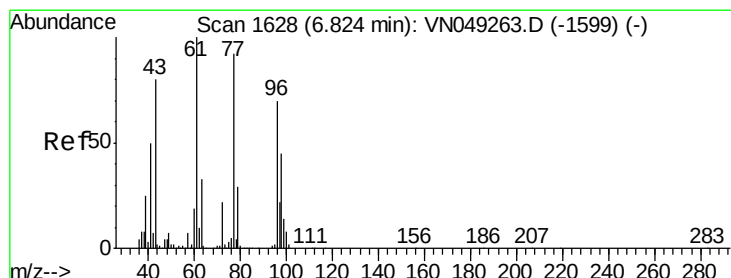
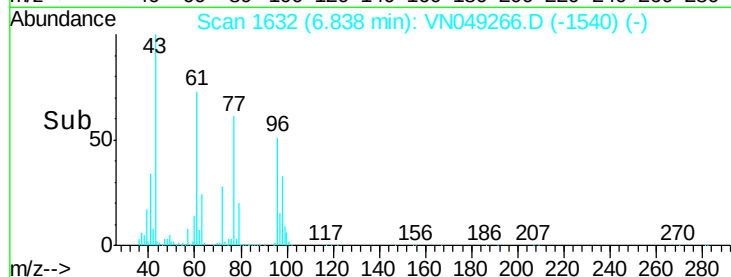
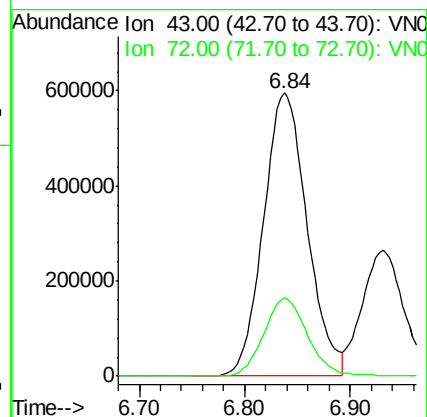
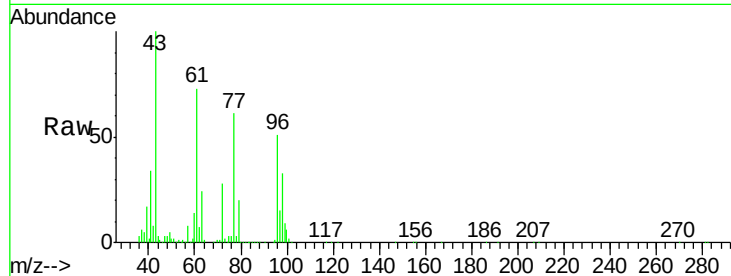
ClientSampleId :

Tot Ion: 43 Resp: 1708150

Ion Ratio Lower Upper

43 100

72 27.8 20.2 30.2



#26

2,2-Dichloropropane

Concen: 47.24 ug/l

RT: 6.82 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN049266.D

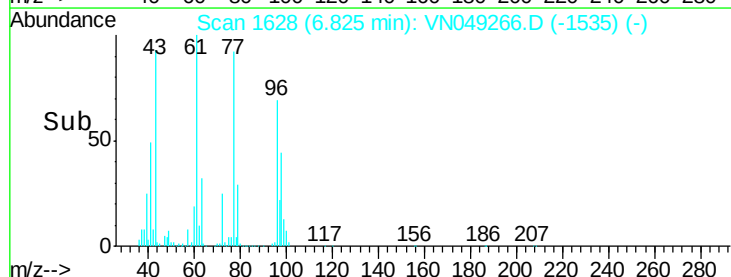
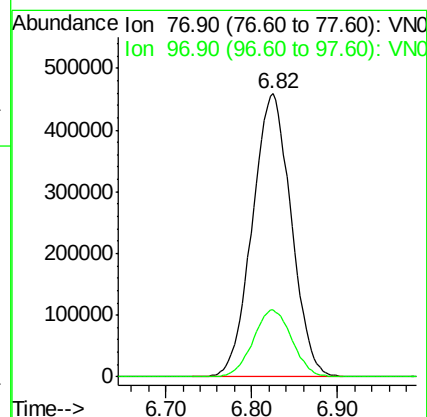
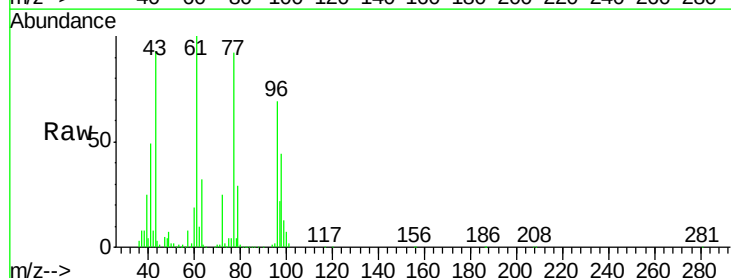
Acq: 15 Jun 2018 17:43

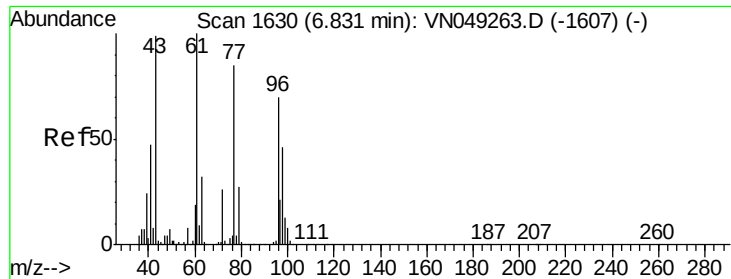
Tgt Ion: 77 Resp: 1443143

Ion Ratio Lower Upper

77 100

97 23.6 11.0 33.0





#27

cis-1,2-Dichloroethene

Concen: 46.39 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. -0.00 min

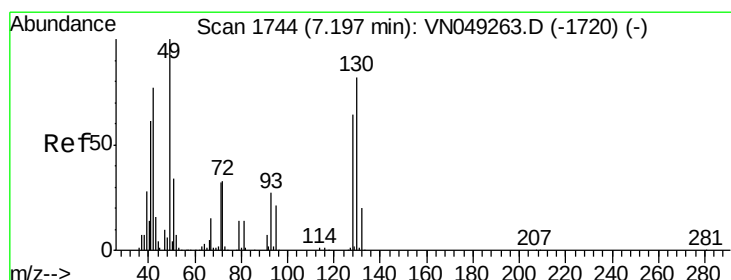
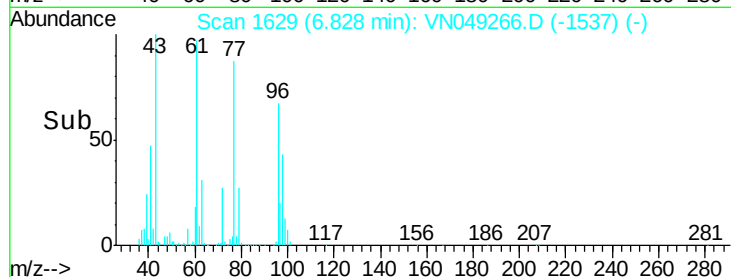
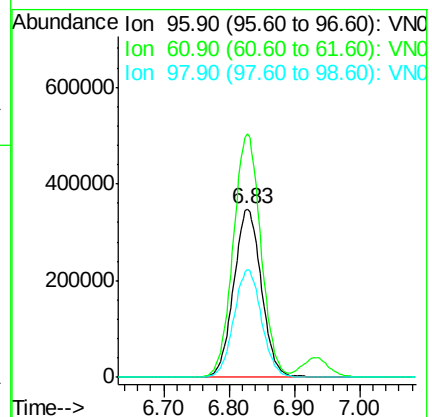
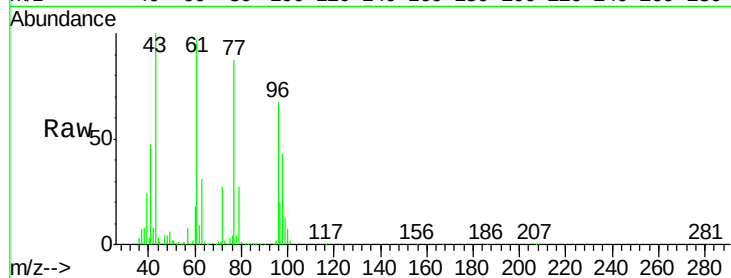
Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 1023390

Ion	Ratio	Lower	Upper
96	100		
61	144.2	0.0	316.4
98	63.9	0.0	128.4



#28

Bromochloromethane

Concen: 45.45 ug/l

RT: 7.19 min Scan# 1743

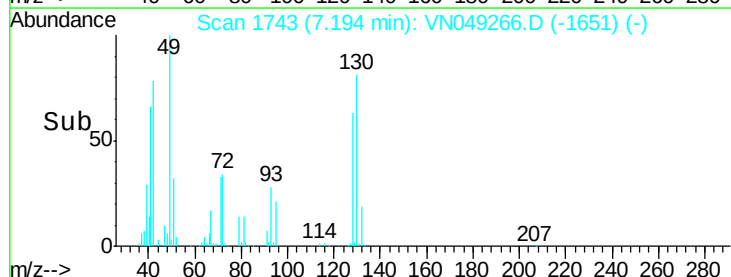
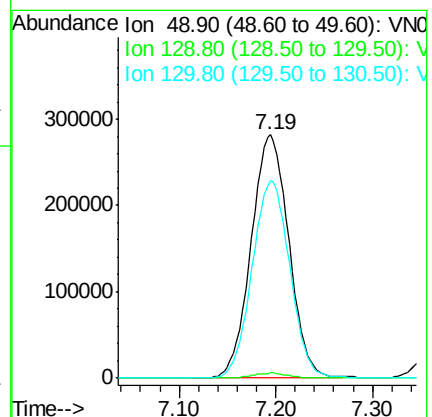
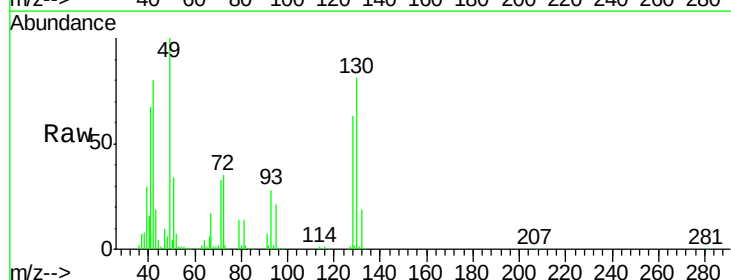
Delta R.T. -0.00 min

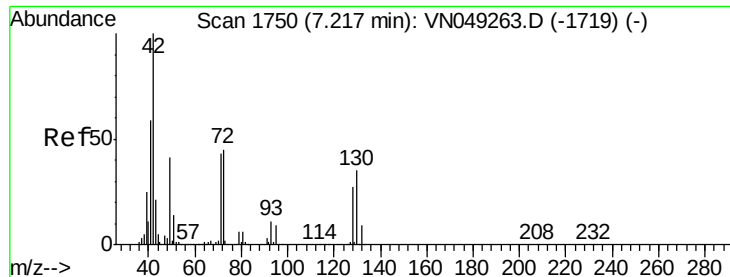
Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

Tgt Ion: 49 Resp: 762234

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	81.5	54.9	82.3





#29

Tetrahydrofuran

Concen: 232.84 ug/l

RT: 7.21 min Scan# 1749

Delta R.T. -0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

Instrument :
MSVOA_N
ClientSampled :

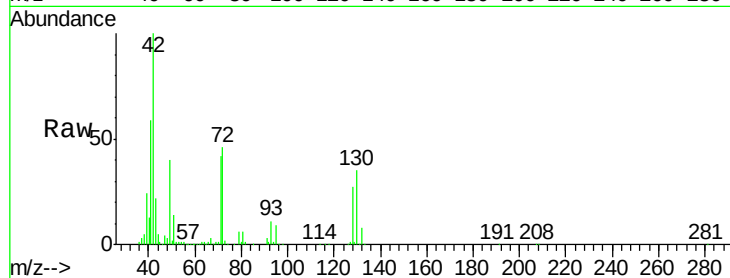
Tot Ion: 42 Resp: 1059473

Ion Ratio Lower Upper

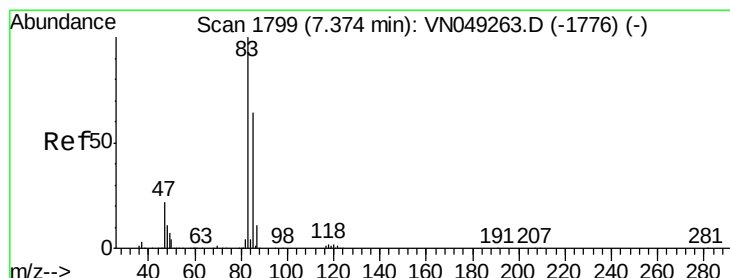
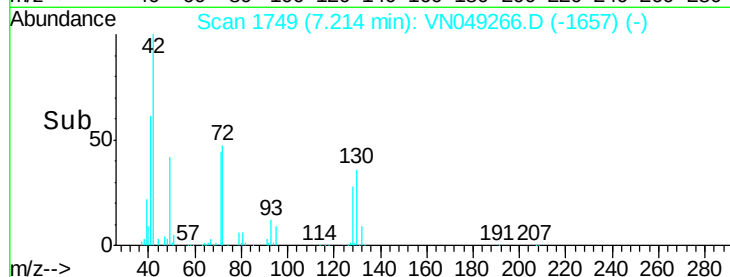
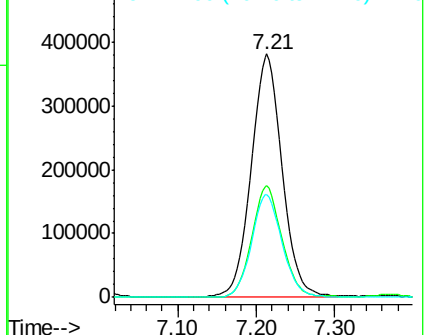
42 100

72 44.8 32.2 48.4

71 42.2 30.5 45.7



Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 44.89 ug/l

RT: 7.37 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN049266.D

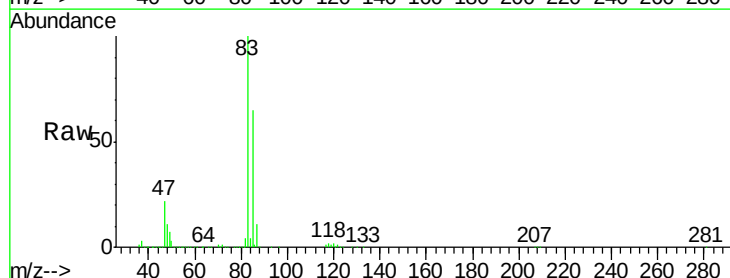
Acq: 15 Jun 2018 17:43

Tgt Ion: 83 Resp: 1689909

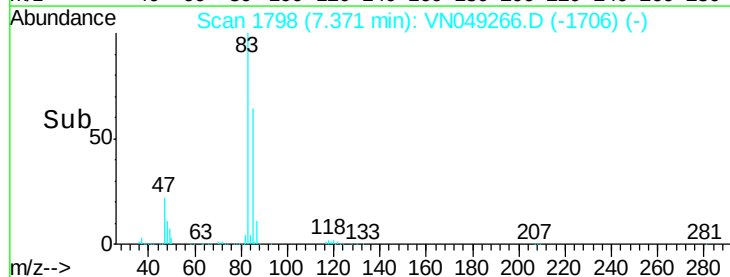
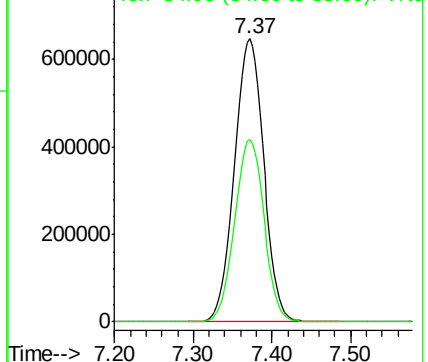
Ion Ratio Lower Upper

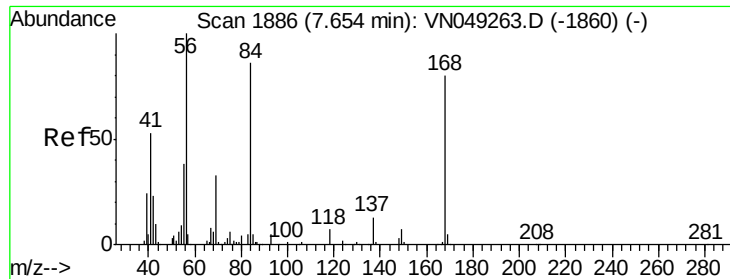
83 100

85 64.6 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

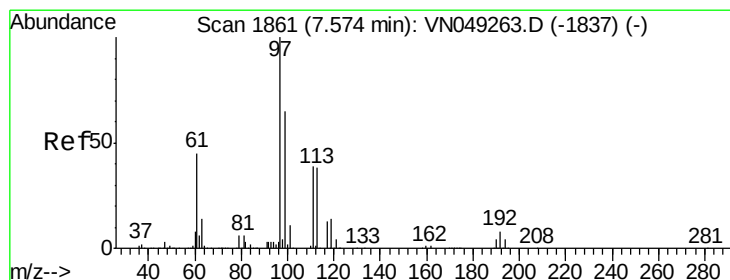
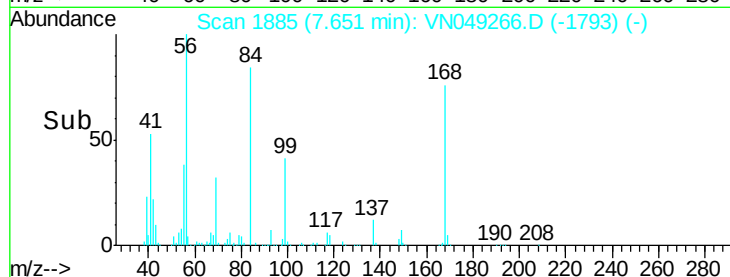
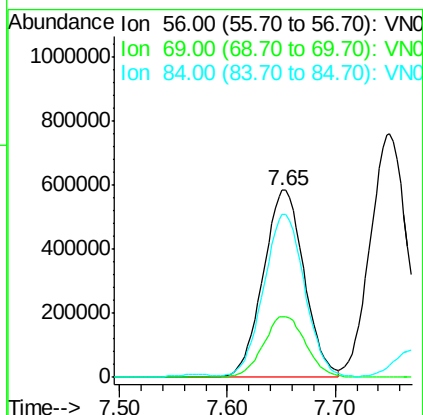
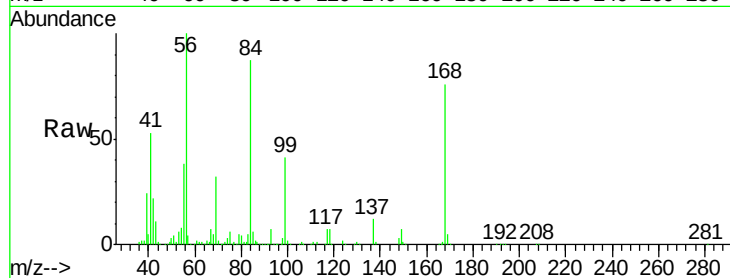




#31
Cyclohexane
Concen: 47.97 ug/l
RT: 7.65 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VN049266.D
Acq: 15 Jun 2018 17:43

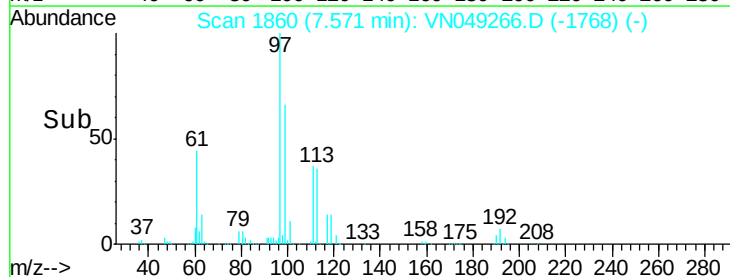
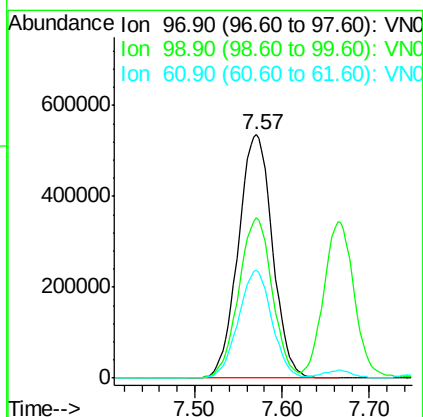
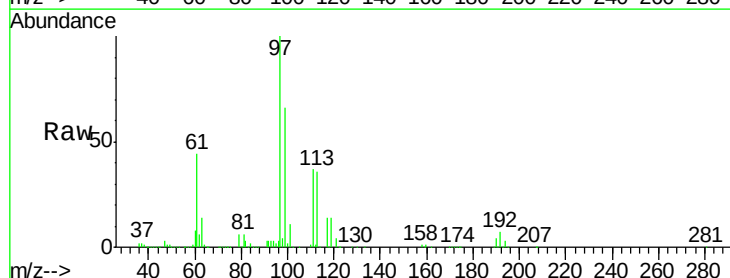
Instrument :
MSVOA_N
ClientSampled :

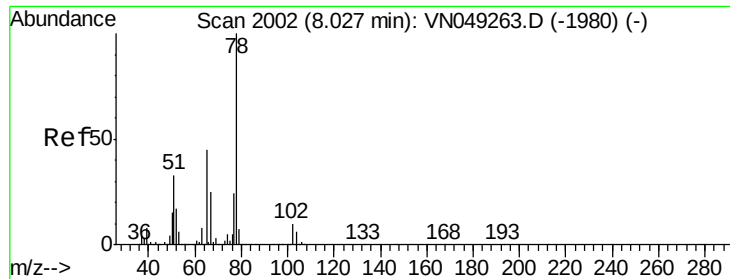
Tot Ion: 56 Resp: 1538576
Ion Ratio Lower Upper
56 100
69 32.5 25.0 37.4
84 85.7 64.6 96.8



#32
1,1,1-Trichloroethane
Concen: 45.28 ug/l
RT: 7.57 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VN049266.D
Acq: 15 Jun 2018 17:43

Tgt Ion: 97 Resp: 1454400
Ion Ratio Lower Upper
97 100
99 64.4 50.5 75.7
61 43.3 37.9 56.9

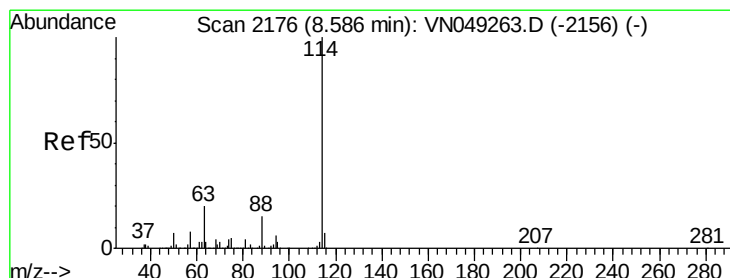
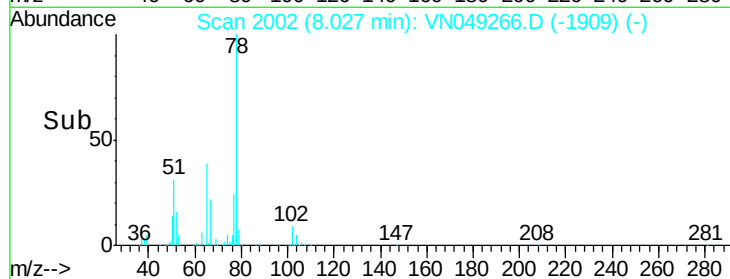
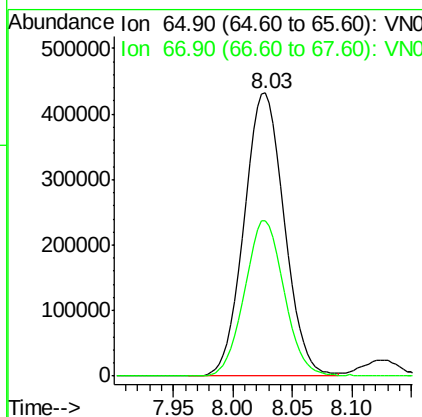
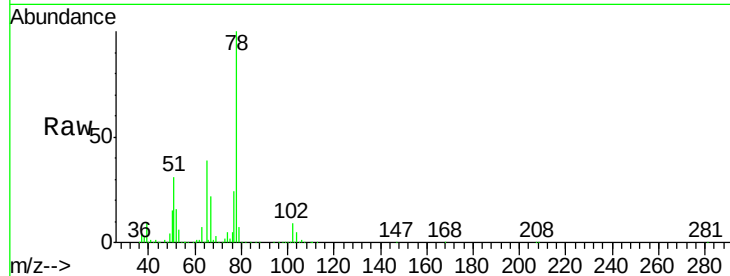




#33
 1,2-Dichloroethane-d4
 Concen: 46.72 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049266.D
 Acq: 15 Jun 2018 17:43

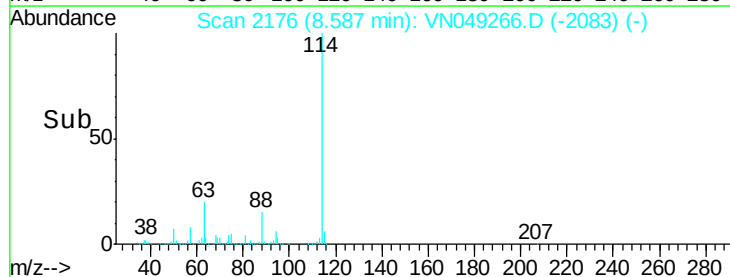
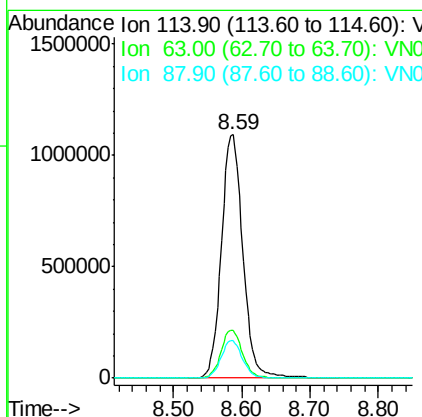
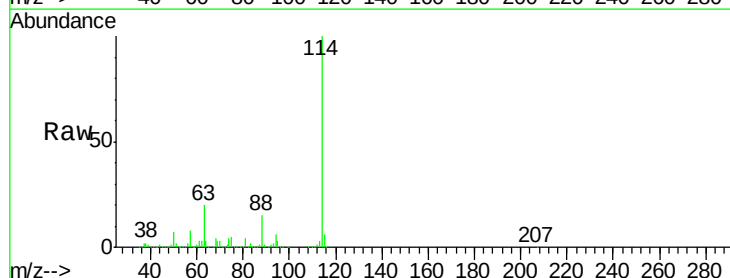
Instrument :
 MSVOA_N
 ClientSampleId :

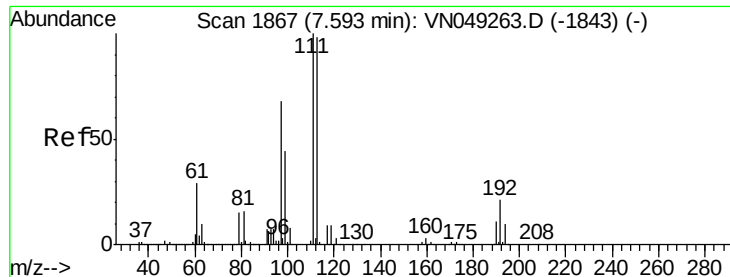
Tot Ion: 65 Resp: 1012999
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049266.D
 Acq: 15 Jun 2018 17:43

Tgt Ion: 114 Resp: 2385309
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 44.4
 88 15.4 0.0 31.4

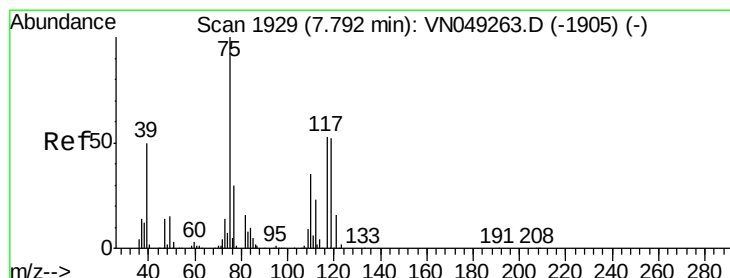
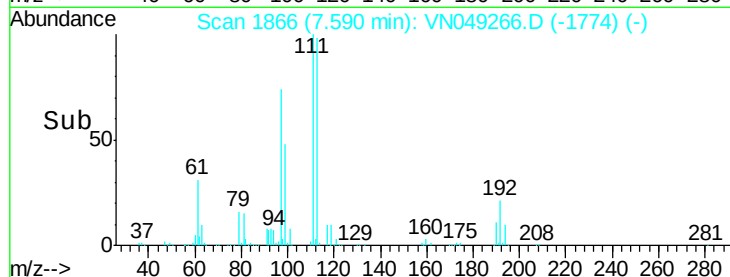
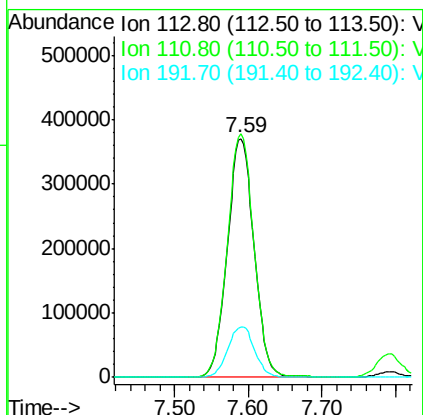
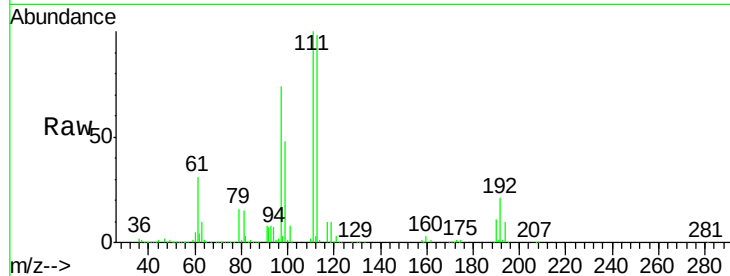




#35
 Dibromofluoromethane
 Concen: 48.42 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN049266.D
 Acq: 15 Jun 2018 17:43

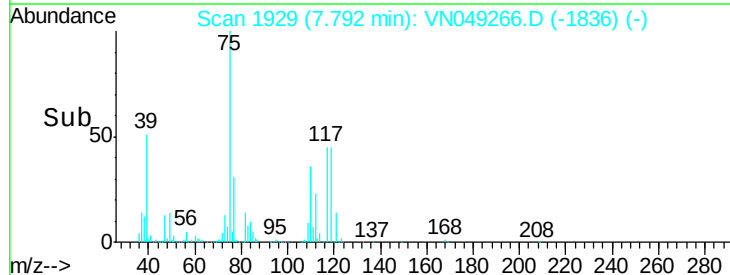
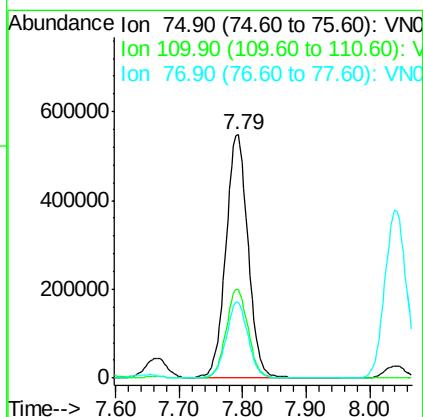
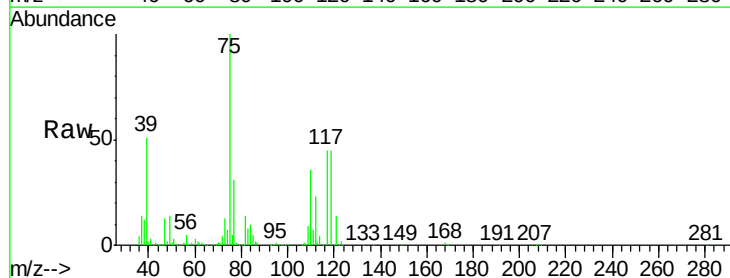
Instrument :
 MSVOA_N
 ClientSampled :

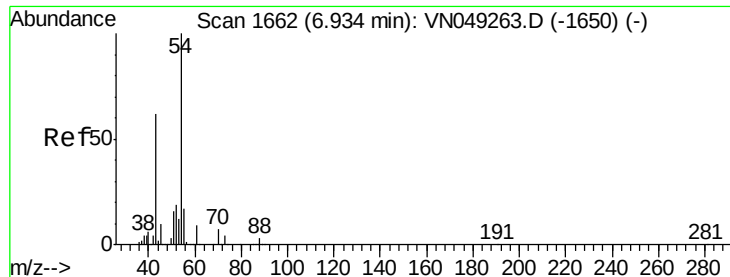
Tot Ion:113 Resp: 934395
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.4 123.6
 192 21.3 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 48.55 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: VN049266.D
 Acq: 15 Jun 2018 17:43

Tgt Ion: 75 Resp: 1327322
 Ion Ratio Lower Upper
 75 100
 110 36.1 17.0 50.9
 77 30.8 24.4 36.6

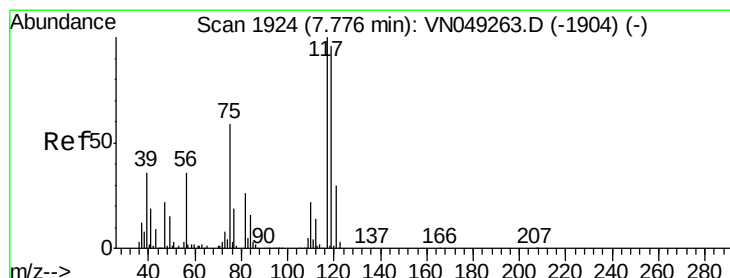
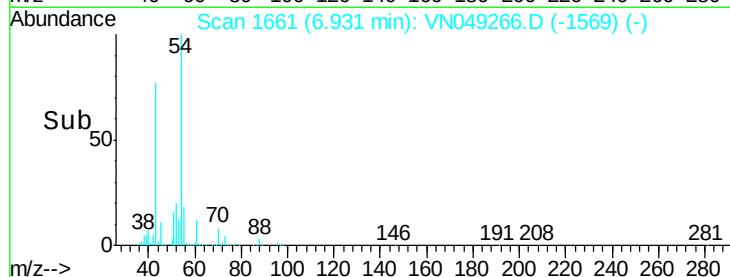
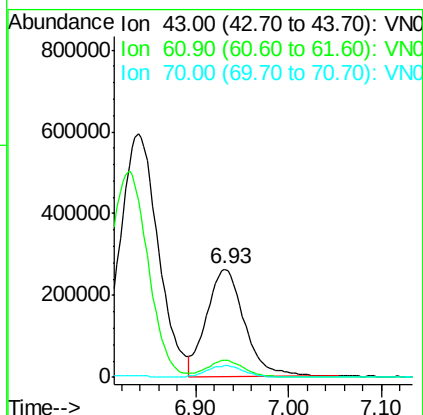
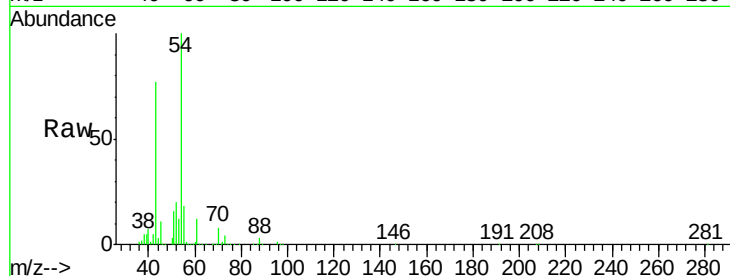




#37
Ethyl Acetate
Concen: 49.99 ug/l
RT: 6.93 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VN049266.D
Acq: 15 Jun 2018 17:43

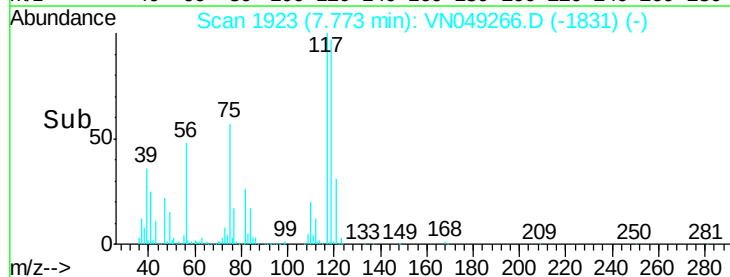
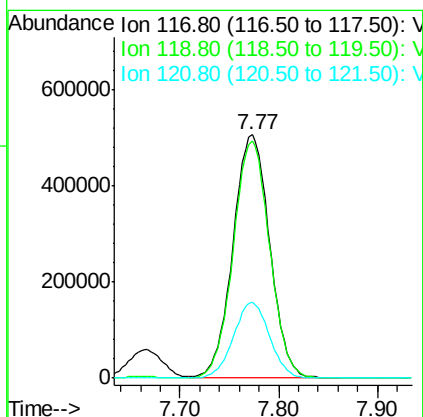
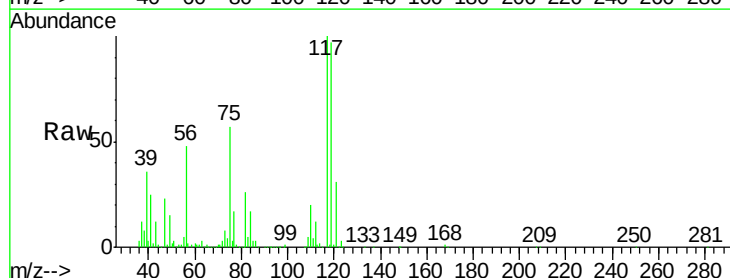
Instrument :
MSVOA_N
ClientSampleId :

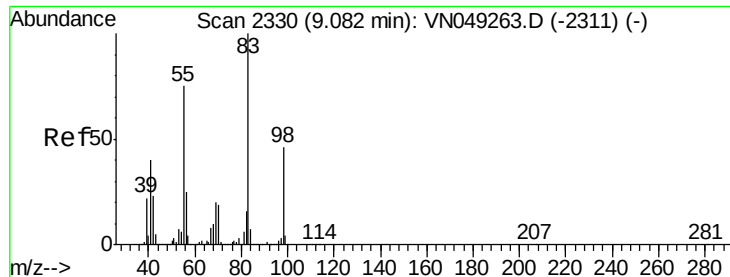
Tot Ion: 43 Resp: 742943
Ion Ratio Lower Upper
43 100
61 15.5 11.0 16.4
70 10.5 7.2 10.8



#38
Carbon Tetrachloride
Concen: 46.15 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN049266.D
Acq: 15 Jun 2018 17:43

Tgt Ion: 117 Resp: 1306272
Ion Ratio Lower Upper
117 100
119 97.4 75.6 113.4
121 31.1 24.7 37.1

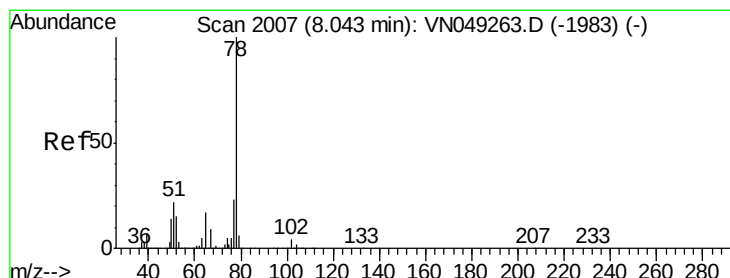
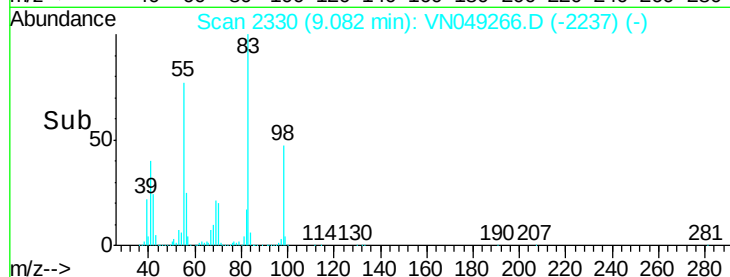
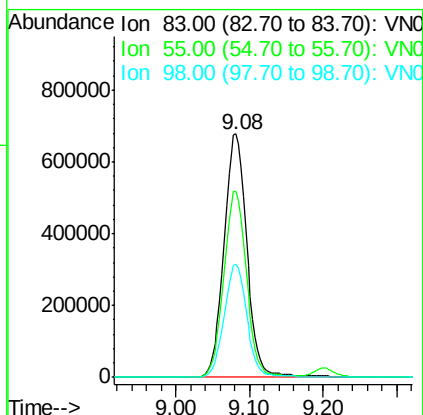
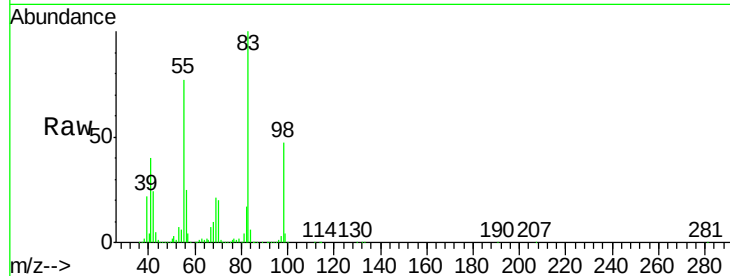




#39
Methylvlcyclohexane
Concen: 50.09 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049266.D
Acq: 15 Jun 2018 17:43

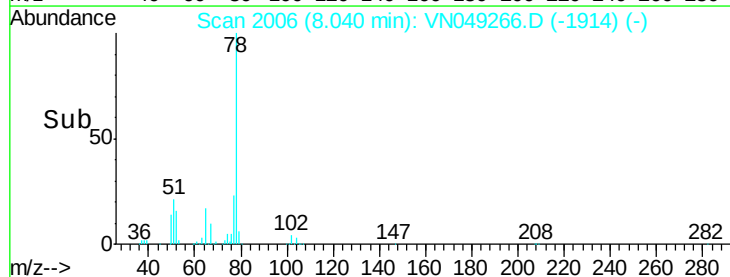
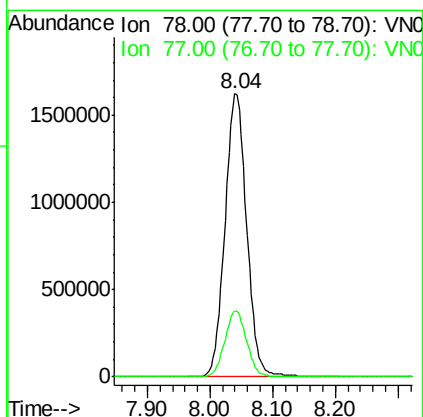
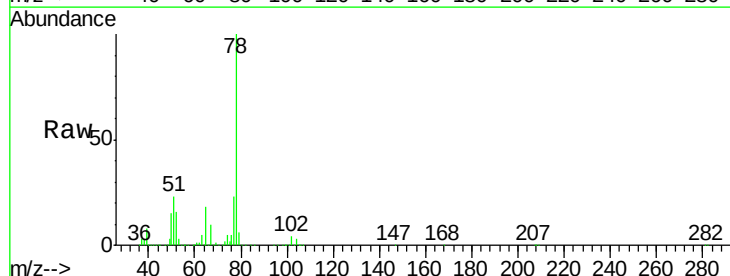
Instrument :
MSVOA_N
ClientSampled :

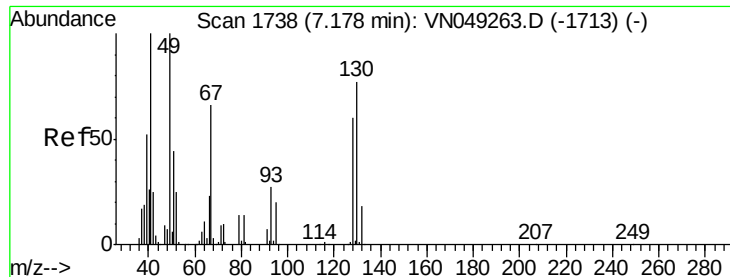
Tot Ion: 83 Resp: 1469963
Ion Ratio Lower Upper
83 100
55 76.6 65.1 97.7
98 46.6 36.5 54.7



#40
Benzene
Concen: 46.31 ug/l
RT: 8.04 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VN049266.D
Acq: 15 Jun 2018 17:43

Tgt Ion: 78 Resp: 3881775
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.0

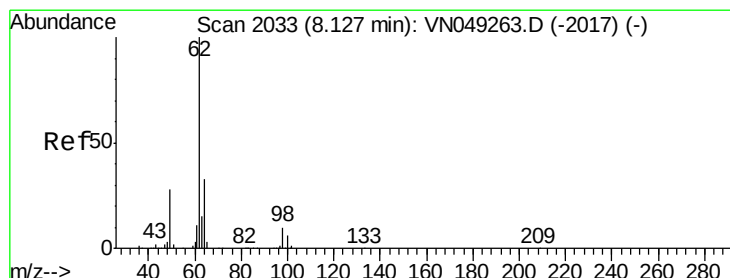
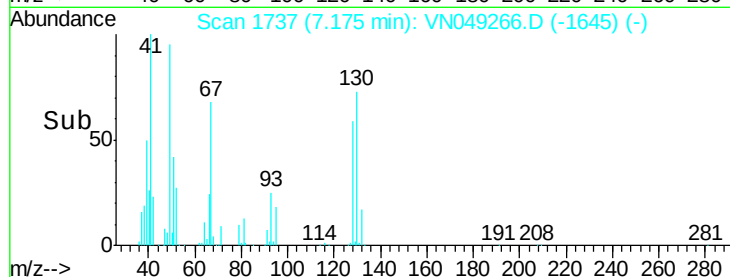
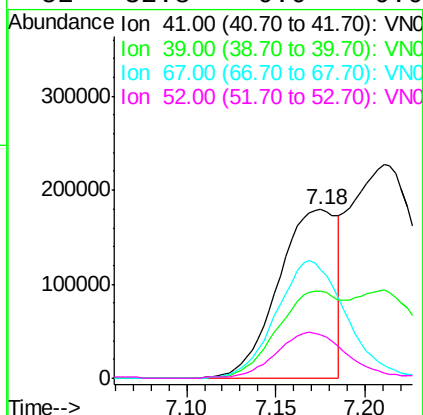
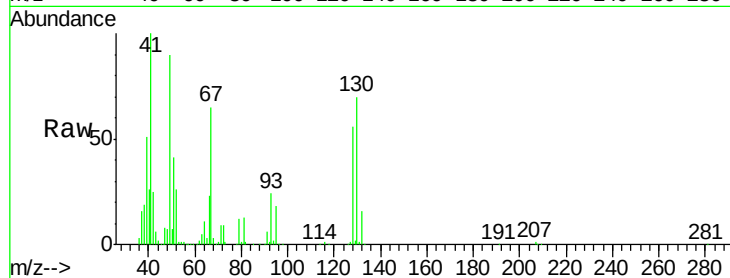




#41
Methacrylonitrile
Concen: 50.76 ug/l
RT: 7.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN049266.D
Acq: 15 Jun 2018 17:43

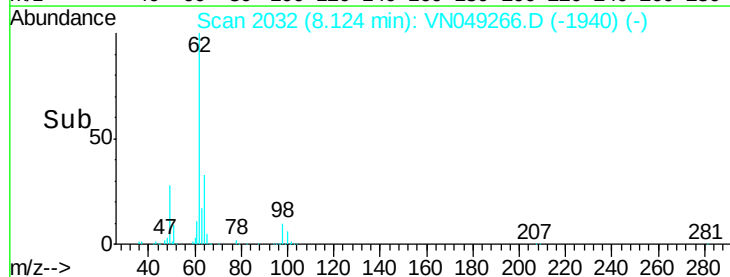
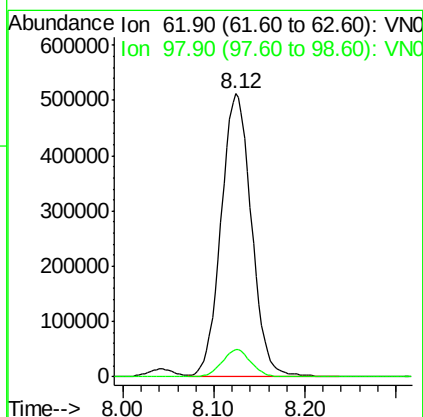
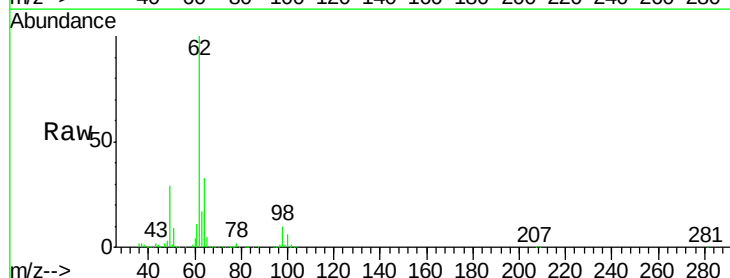
Instrument :
MSVOA_N
ClientSampled :

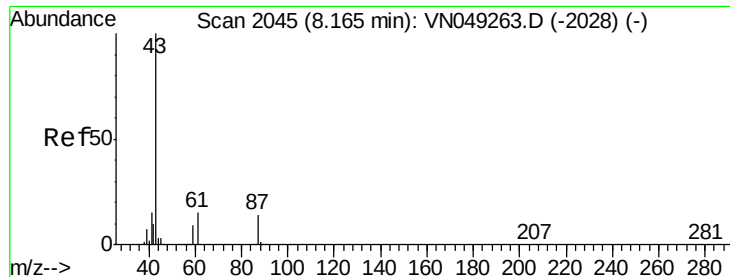
Tot Ion: 41 Resp: 407876
Ion Ratio Lower Upper
41 100
39 55.3 0.0 0.0#
67 83.8 0.0 0.0#
52 32.8 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 45.62 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. -0.00 min
Lab File: VN049266.D
Acq: 15 Jun 2018 17:43

Tgt Ion: 62 Resp: 1181326
Ion Ratio Lower Upper
62 100
98 9.4 0.0 16.2





#43

Isopropyl Acetate

Concen: 47.78 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

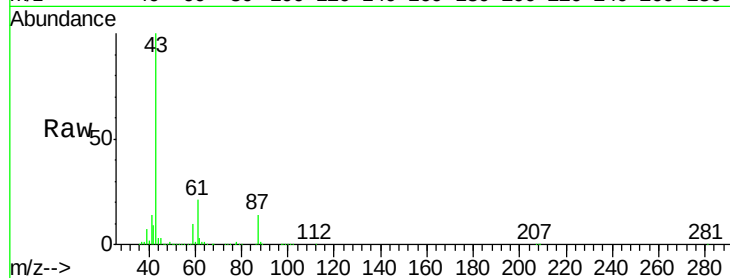
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 1356800

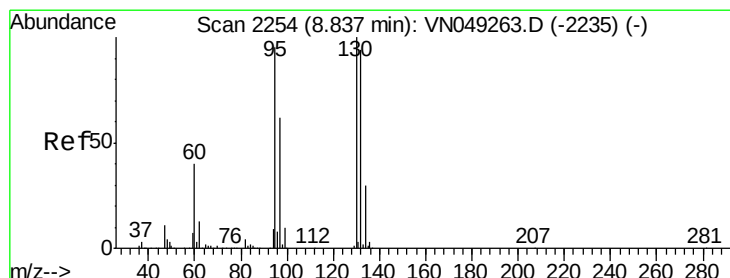
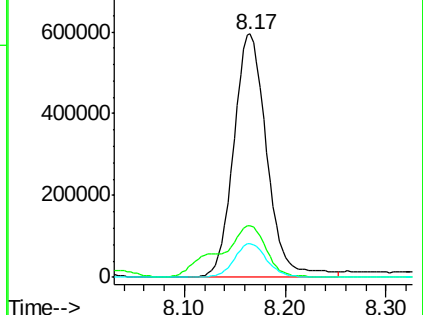
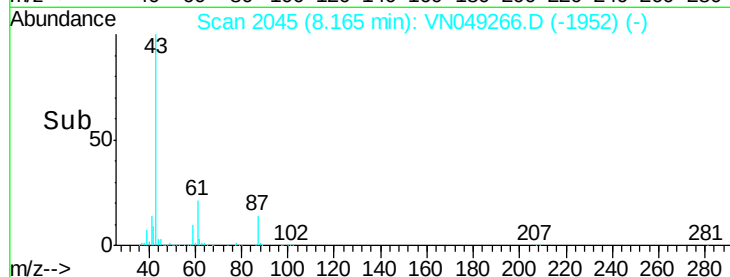
Ion	Ratio	Lower	Upper
43	100		
61	29.8	14.2	21.4#
87	13.7	9.4	14.0



Abundance Ion 43.00 (42.70 to 43.70): VN049266.D (-1952) (-)

Ion 61.00 (60.70 to 61.70): VN049266.D (-1952) (-)

Ion 87.00 (86.70 to 87.70): VN049266.D (-1952) (-)



#44

Trichloroethene

Concen: 46.90 ug/l

RT: 8.83 min Scan# 2253

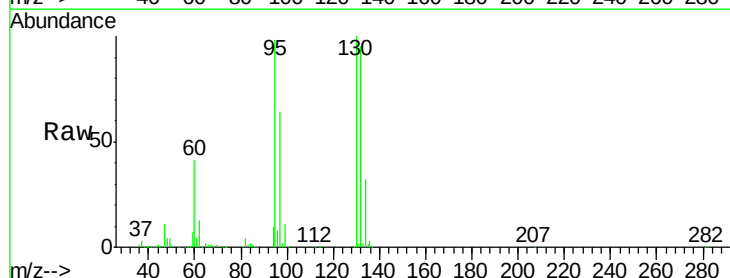
Delta R.T. -0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

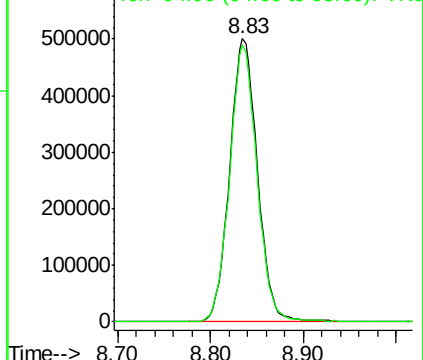
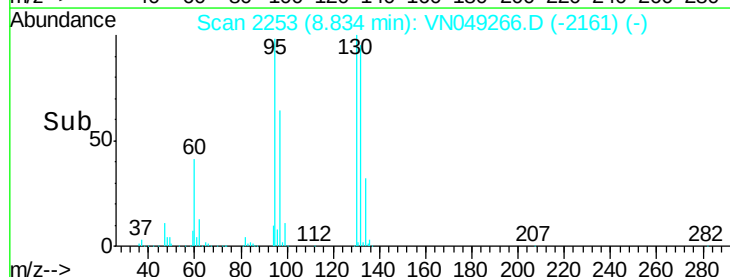
Tgt Ion:130 Resp: 1038057

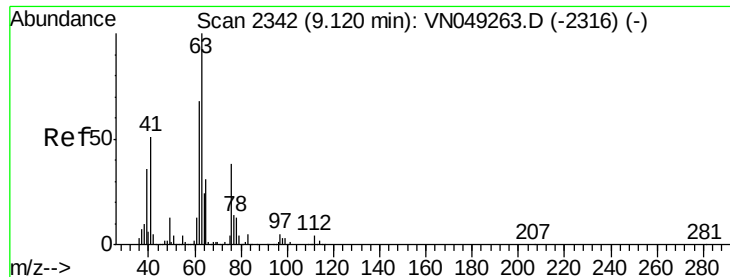
Ion	Ratio	Lower	Upper
130	100		
95	97.6	0.0	208.6



Abundance Ion 129.80 (129.50 to 130.50): VN049266.D (-2161) (-)

Ion 94.90 (94.60 to 95.60): VN049266.D (-2161) (-)





#45

1,2-Dichloropropane

Concen: 47.04 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. 0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

Instrument :

MSVOA_N

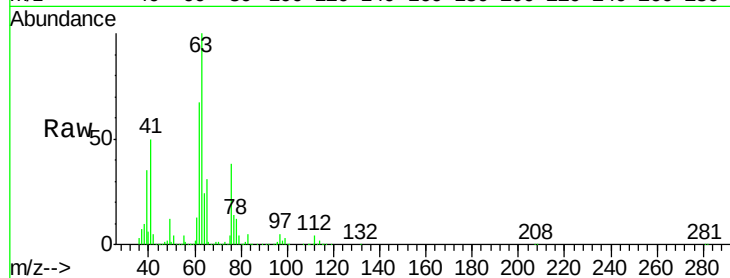
ClientSampled :

Tot Ion: 63 Resp: 1032219

Ion Ratio Lower Upper

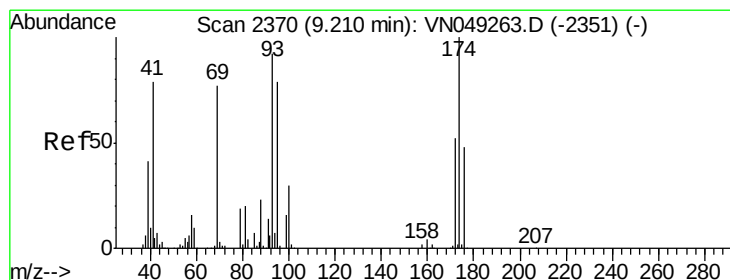
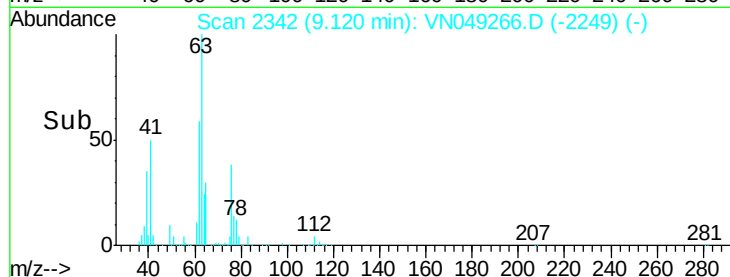
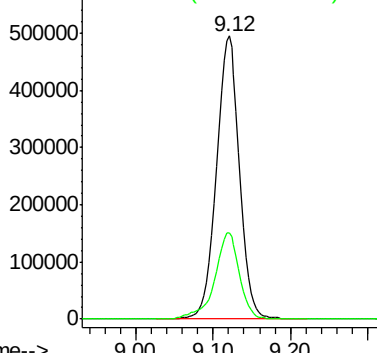
63 100

65 30.6 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 45.95 ug/l

RT: 9.21 min Scan# 2369

Delta R.T. -0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

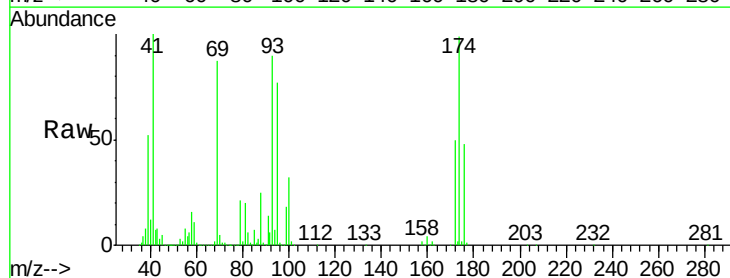
Tgt Ion: 93 Resp: 584715

Ion Ratio Lower Upper

93 100

95 83.2 67.2 100.8

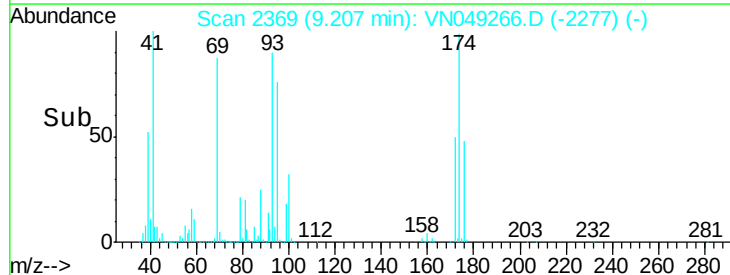
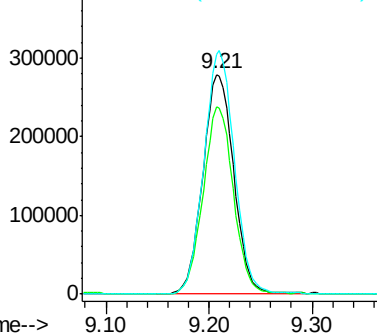
174 108.7 75.6 113.4

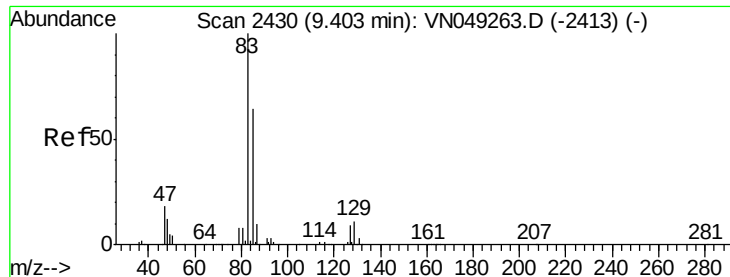


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 46.30 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

Instrument :
MSVOA_N
ClientSampled :

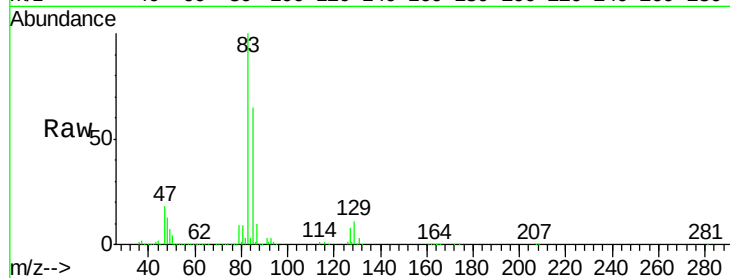
Tot Ion: 83 Resp: 1294720

Ion Ratio Lower Upper

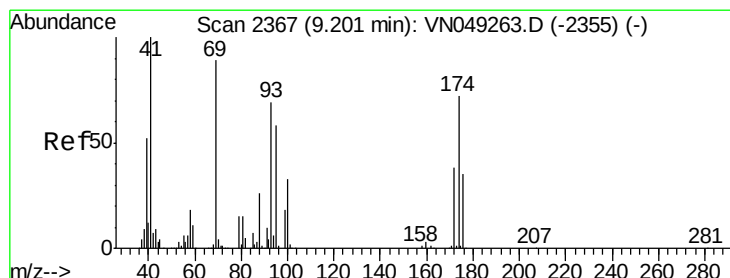
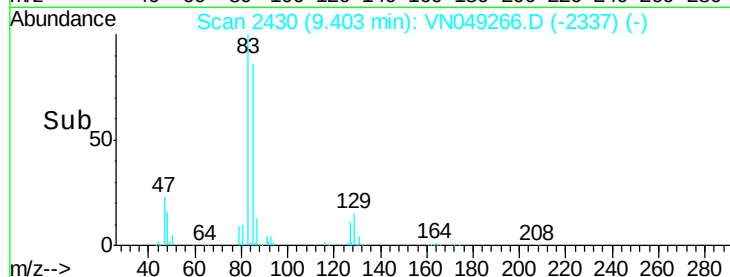
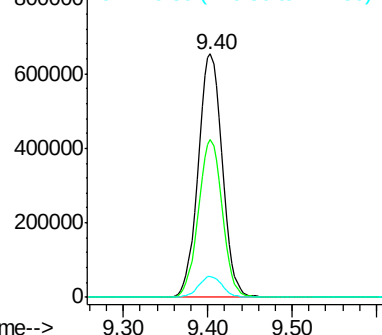
83 100

85 64.7 49.4 74.0

127 8.4 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.48 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

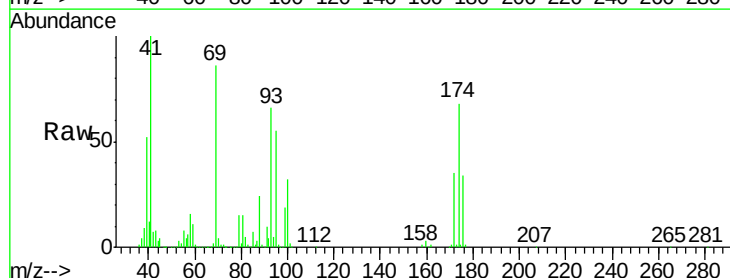
Tgt Ion: 41 Resp: 648241

Ion Ratio Lower Upper

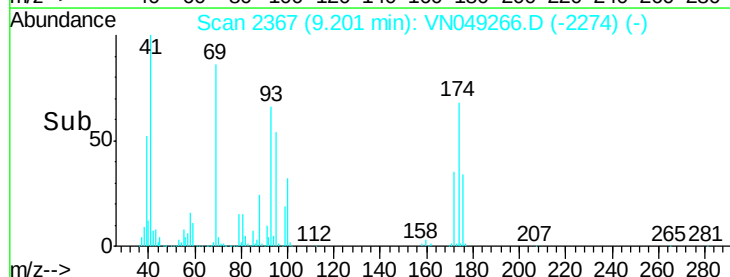
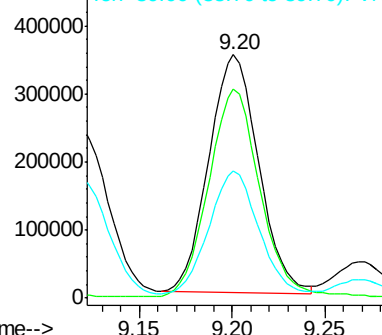
41 100

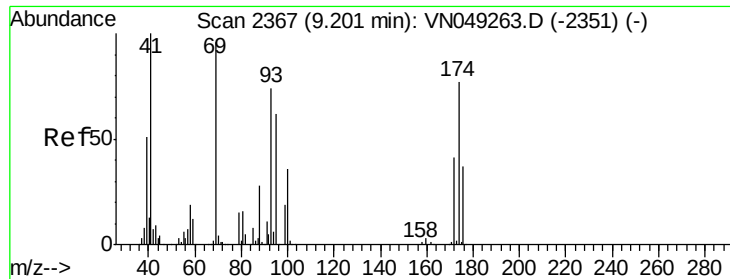
69 91.9 62.0 93.0

39 55.7 50.6 75.8



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

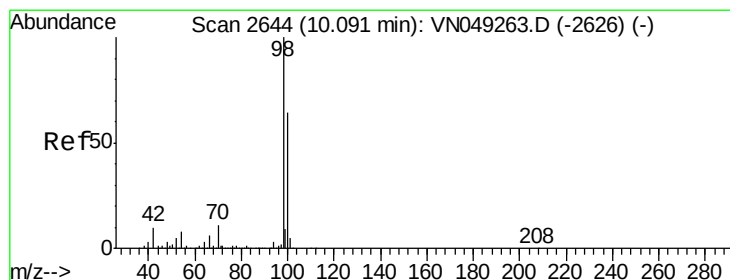
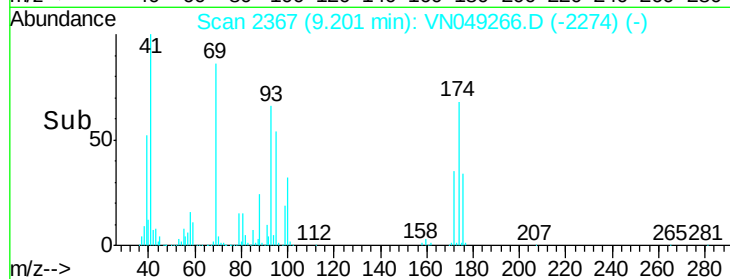
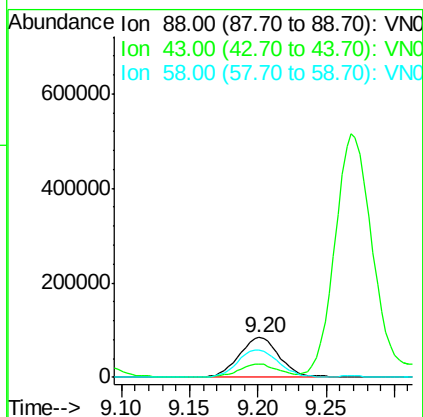
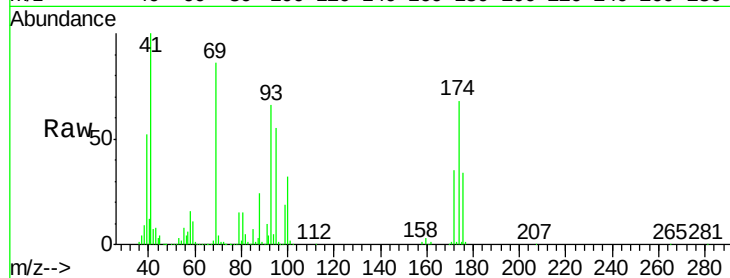




#49
1,4-Dioxane
Concen: 940.86 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN049266.D
Acq: 15 Jun 2018 17:43

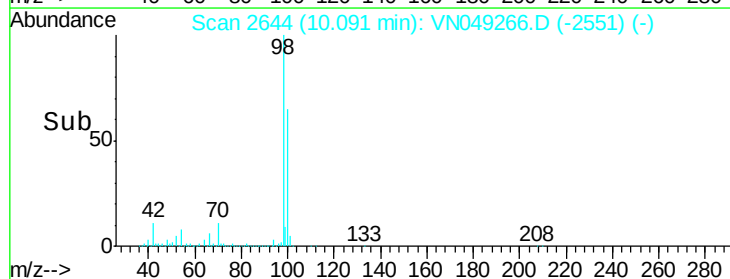
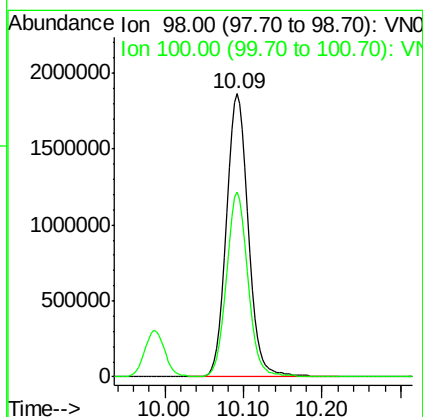
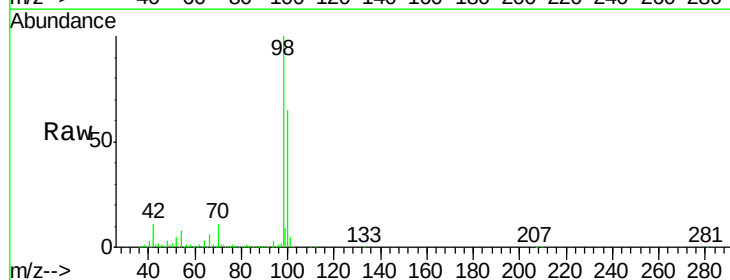
Instrument :
MSVOA_N
ClientSampleId :

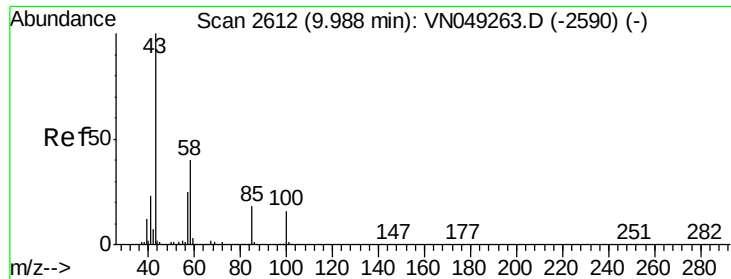
Tot Ion: 88 Resp: 173643
Ion Ratio Lower Upper
88 100
43 30.0 30.9 46.3#
58 70.2 58.9 88.3



#50
Toluene-d8
Concen: 48.52 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049266.D
Acq: 15 Jun 2018 17:43

Tgt Ion: 98 Resp: 3565584
Ion Ratio Lower Upper
98 100
100 64.5 49.8 74.8

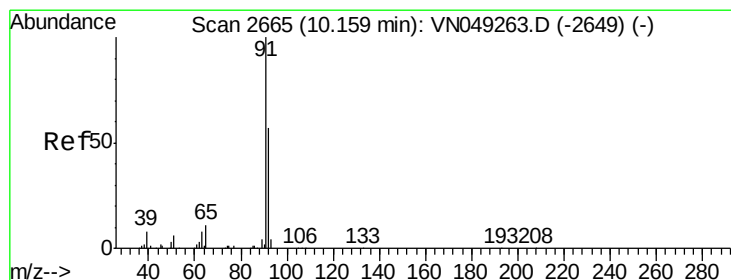
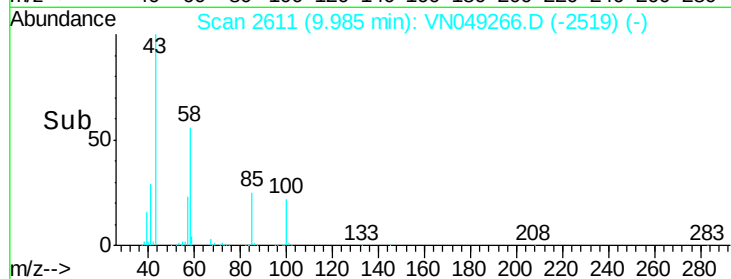
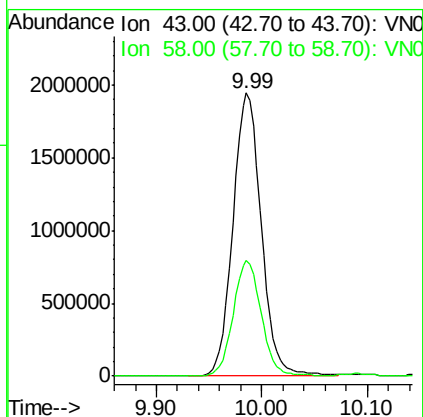
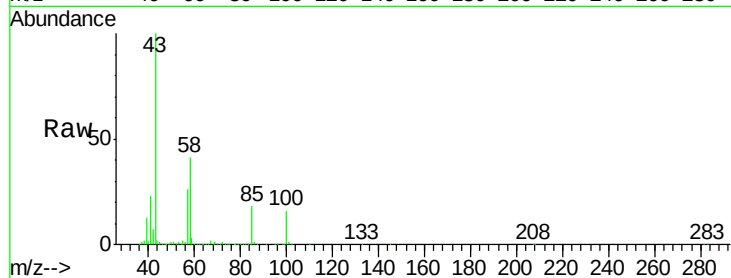




#51
4-Methyl-2-Pentanone
Concen: 243.27 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN049266.D
Acq: 15 Jun 2018 17:43

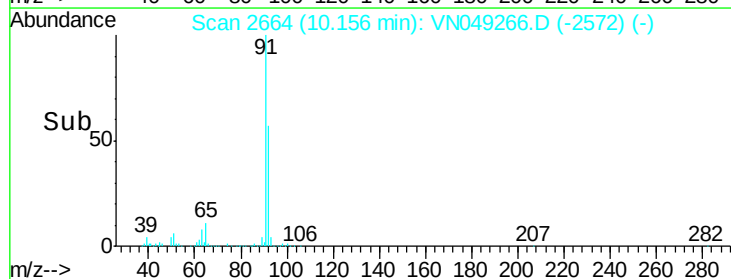
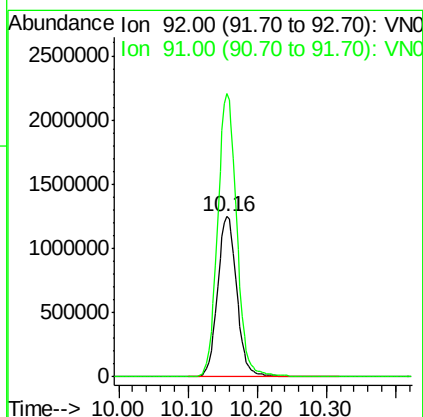
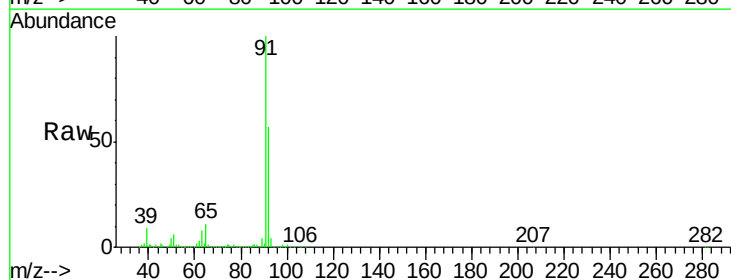
Instrument :
MSVOA_N
ClientSampled :

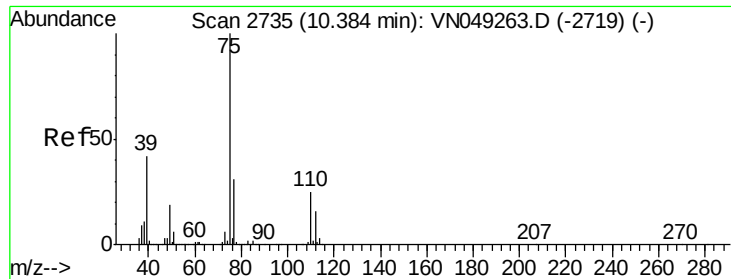
Tot Ion: 43 Resp: 3620501
Ion Ratio Lower Upper
43 100
58 40.5 29.0 43.6



#52
Toluene
Concen: 48.82 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. -0.00 min
Lab File: VN049266.D
Acq: 15 Jun 2018 17:43

Tgt Ion: 92 Resp: 2401708
Ion Ratio Lower Upper
92 100
91 175.6 143.4 215.2





#53

t-1,3-Dichloropropene

Concen: 49.38 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

Instrument :

MSVOA_N

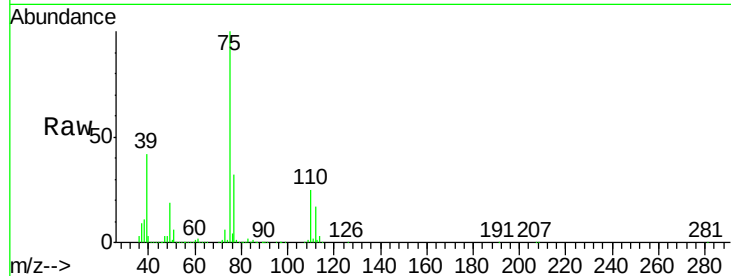
ClientSampleId :

Tot Ion: 75 Resp: 1321038

Ion Ratio Lower Upper

75 100

77 31.4 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

800000

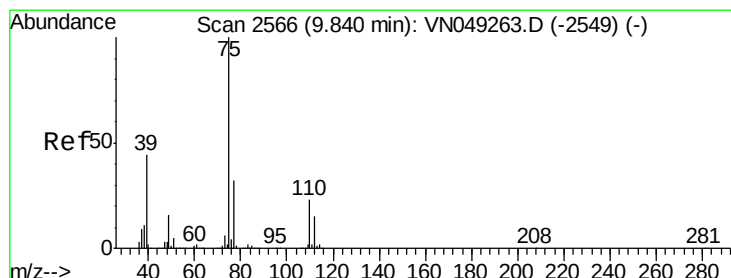
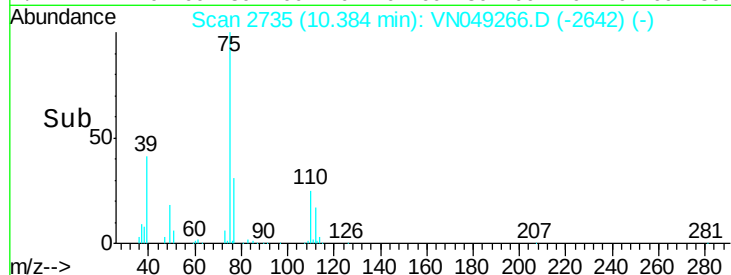
600000

400000

200000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.09 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

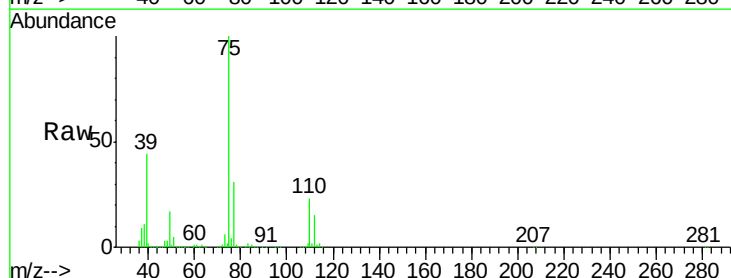
Tgt Ion: 75 Resp: 1550446

Ion Ratio Lower Upper

75 100

77 31.5 24.8 37.2

39 43.4 45.1 67.7#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

1000000

800000

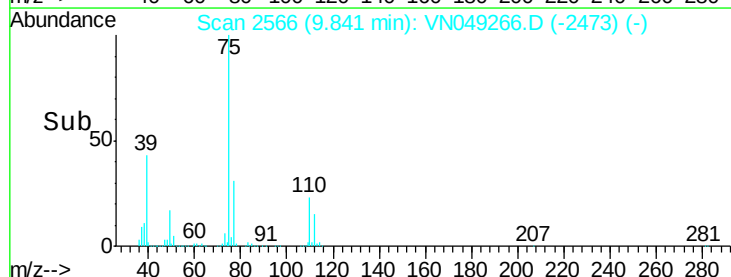
600000

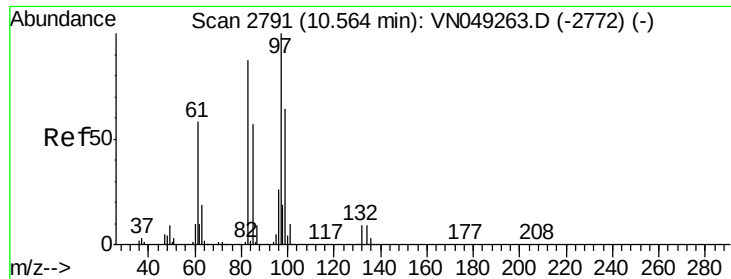
400000

200000

0

Time-->

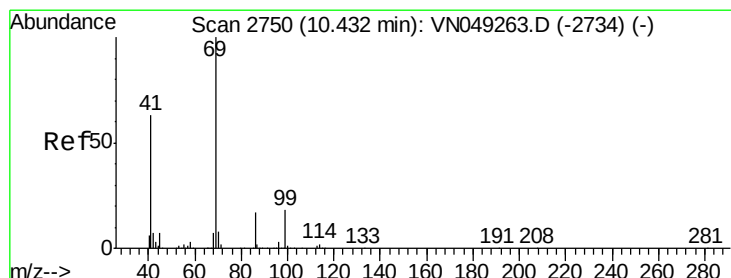
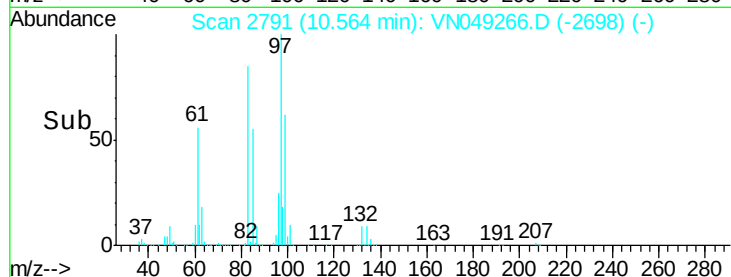
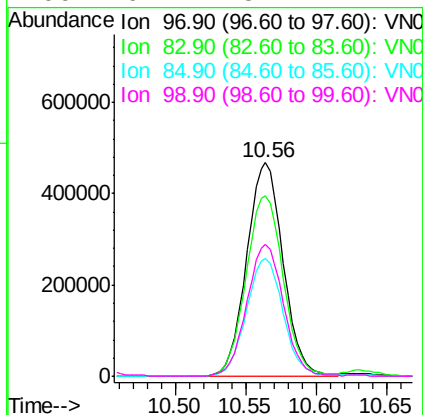
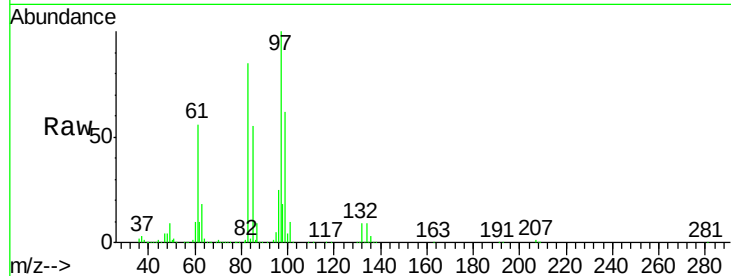




#55
 1,1,2-Trichloroethane
 Concen: 46.20 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049266.D
 Acq: 15 Jun 2018 17:43

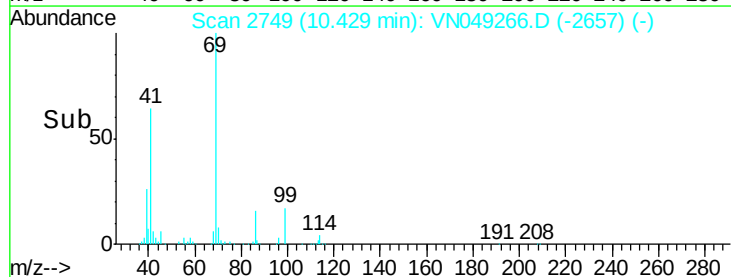
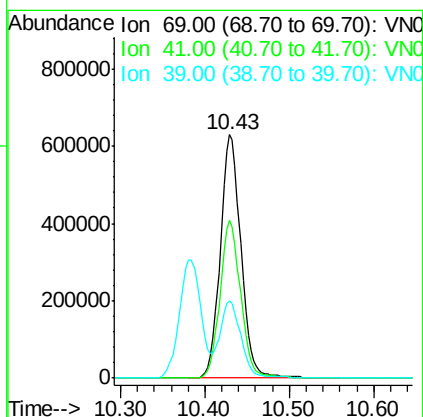
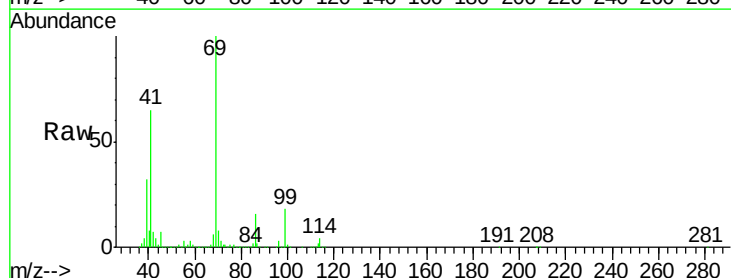
Instrument :
 MSVOA_N
 ClientSampleId :

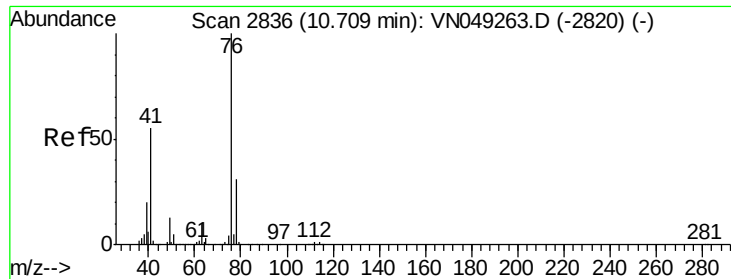
Tot Ion: 97 Resp: 847162
 Ion Ratio Lower Upper
 97 100
 83 84.7 71.5 107.3
 85 55.1 47.0 70.4
 99 61.4 51.4 77.2



#56
 Ethyl methacrylate
 Concen: 50.68 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. -0.00 min
 Lab File: VN049266.D
 Acq: 15 Jun 2018 17:43

Tgt Ion: 69 Resp: 1072148
 Ion Ratio Lower Upper
 69 100
 41 63.6 58.4 87.6
 39 31.7 35.5 53.3#





#57

1,3-Dichloropropane

Concen: 47.13 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

Instrument :

MSVOA_N

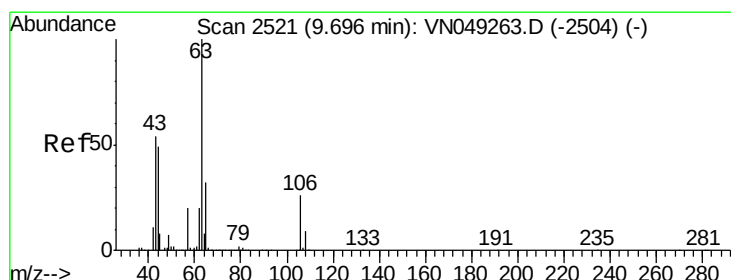
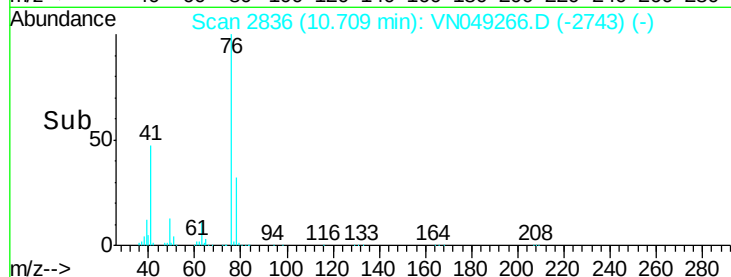
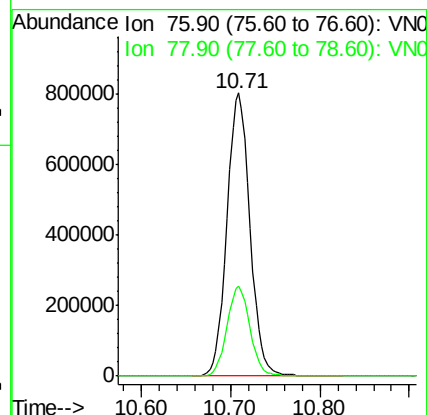
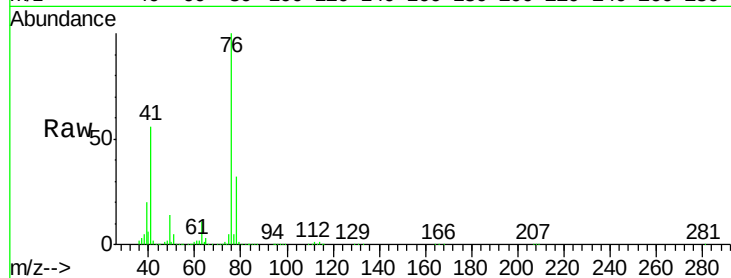
ClientSampled :

Tot Ion: 76 Resp: 1431714

Ion Ratio Lower Upper

76 100

78 32.0 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 240.90 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049266.D

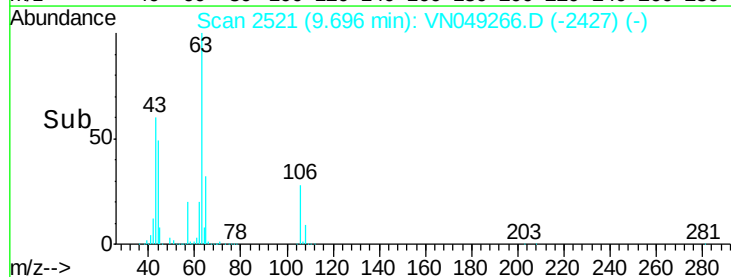
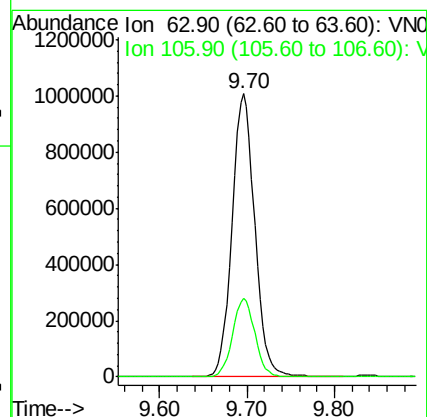
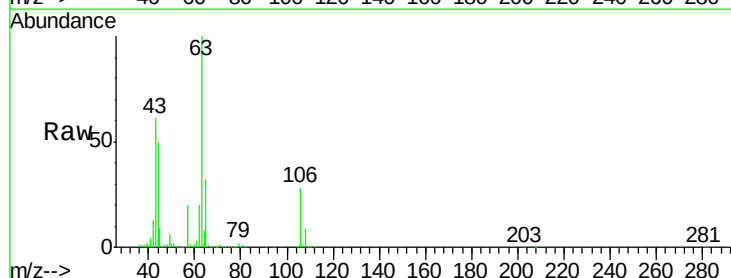
Acq: 15 Jun 2018 17:43

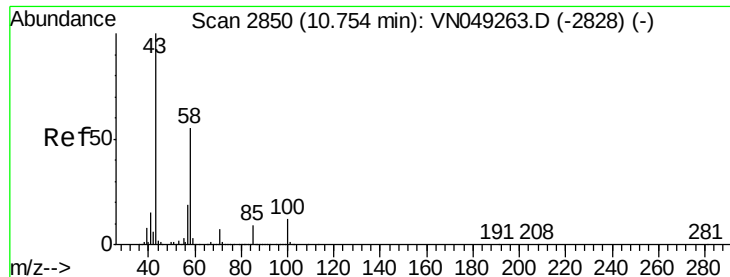
Tgt Ion: 63 Resp: 1817807

Ion Ratio Lower Upper

63 100

106 27.3 19.4 29.2

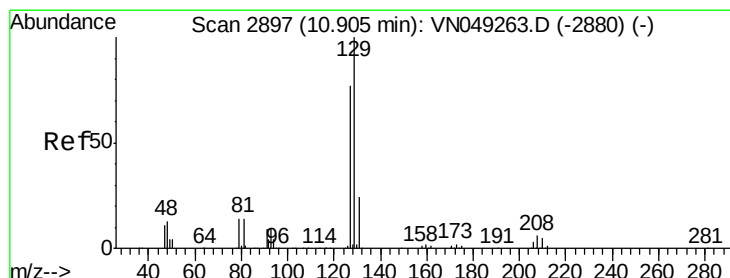
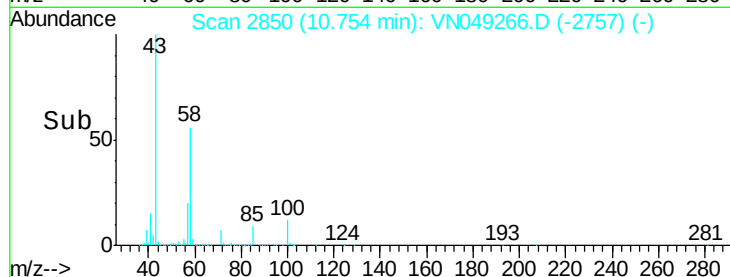
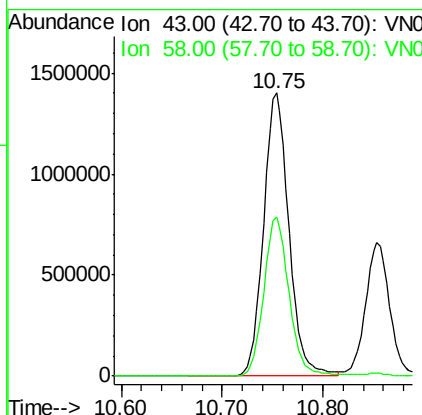
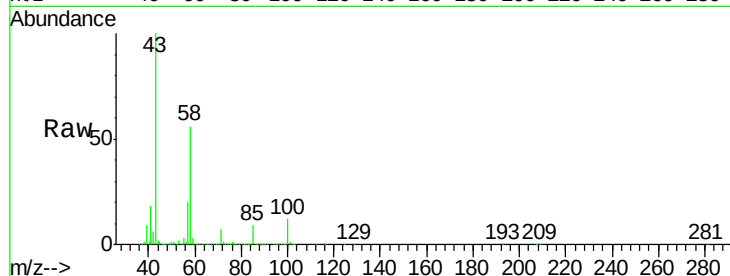




#59
2-Hexanone
Concen: 254.95 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049266.D
Acq: 15 Jun 2018 17:43

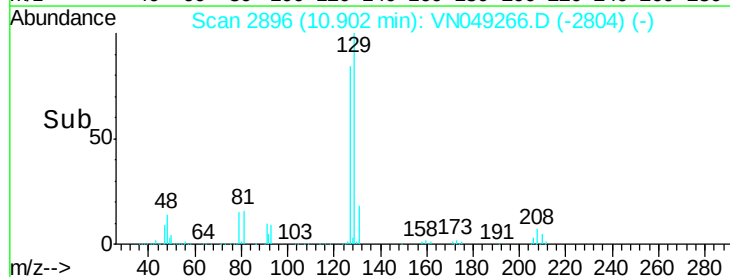
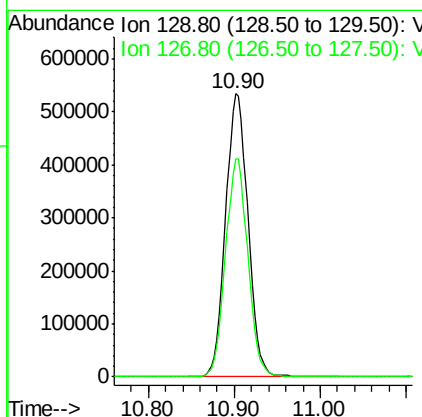
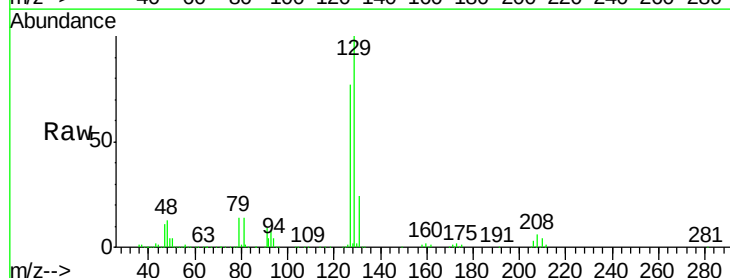
Instrument :
MSVOA_N
ClientSampled :

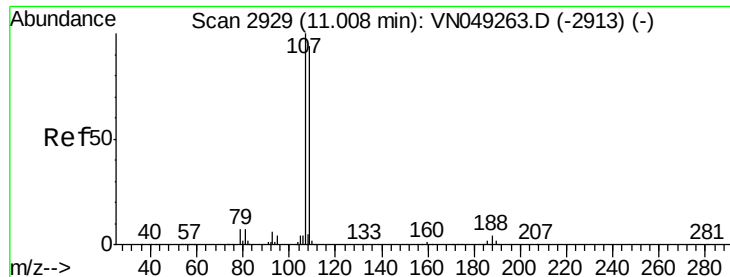
Tot Ion: 43 Resp: 2446180
Ion Ratio Lower Upper
43 100
58 56.2 25.2 75.6



#60
Dibromochloromethane
Concen: 47.43 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VN049266.D
Acq: 15 Jun 2018 17:43

Tgt Ion: 129 Resp: 970677
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.2





#61

1,2-Dibromoethane

Concen: 47.26 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

Instrument :

MSVOA_N

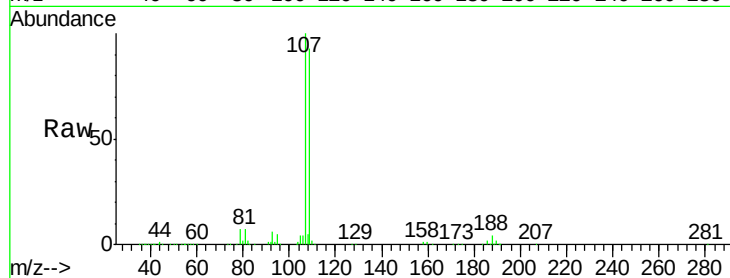
ClientSampled :

Tot Ion:107 Resp: 805643

Ion Ratio Lower Upper

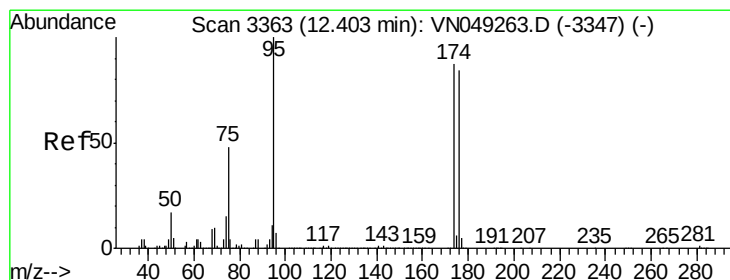
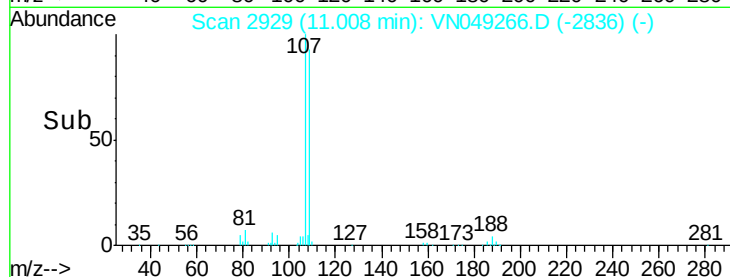
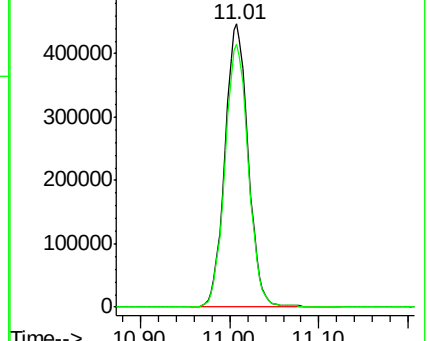
107 100

109 93.7 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.44 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

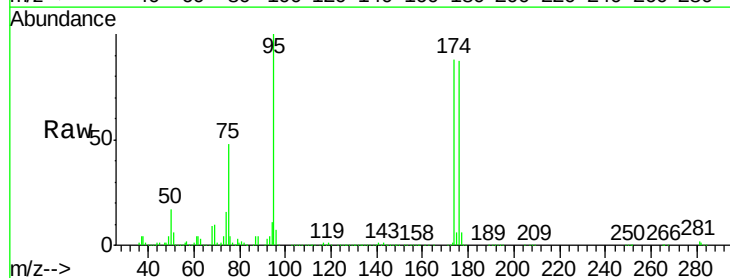
Tgt Ion: 95 Resp: 1201140

Ion Ratio Lower Upper

95 100

174 88.2 0.0 165.6

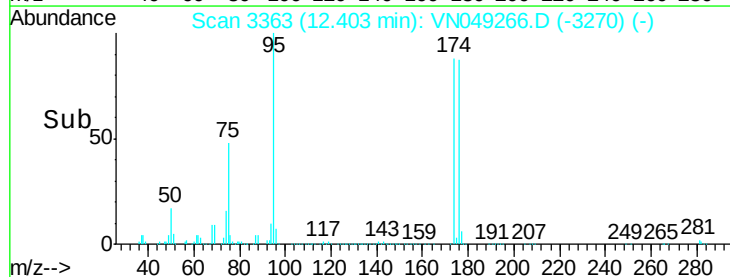
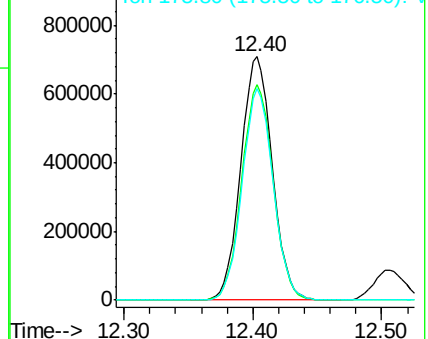
176 85.6 0.0 157.4

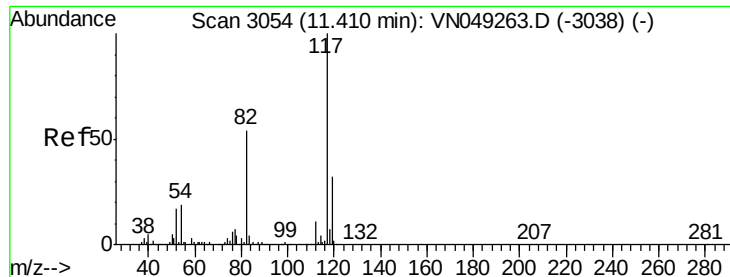


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3053

Delta R.T. -0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

Instrument :

MSVOA_N

ClientSampleId :

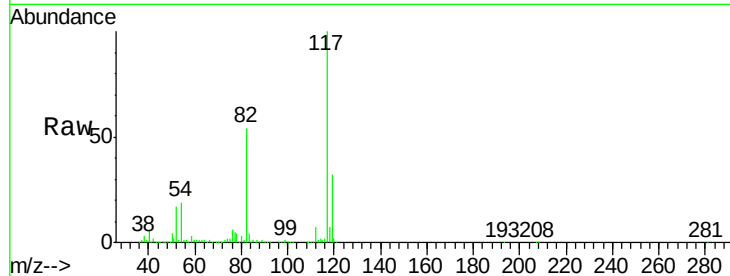
Tot Ion:117 Resp: 2187866

Ion Ratio Lower Upper

117 100

82 54.0 45.9 68.9

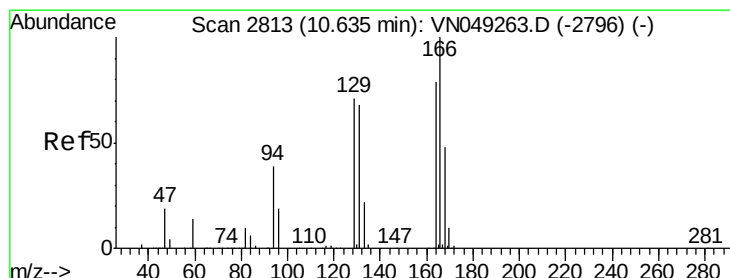
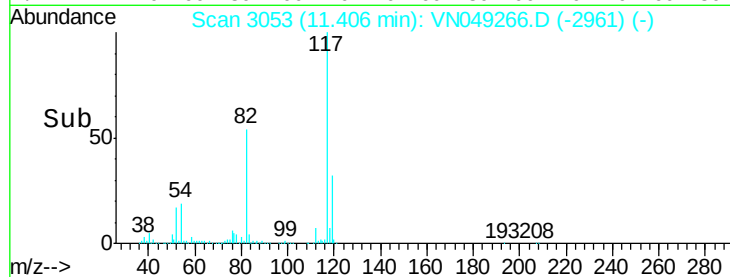
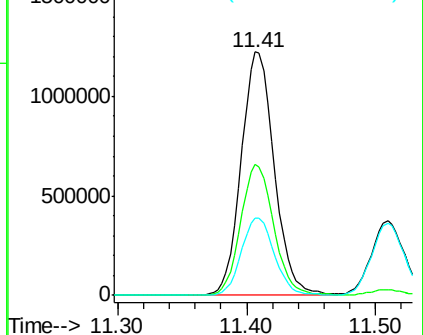
119 31.9 25.5 38.3



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: 44.66 ug/l

RT: 10.63 min Scan# 2812

Delta R.T. -0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

Tgt Ion:164 Resp: 1001252

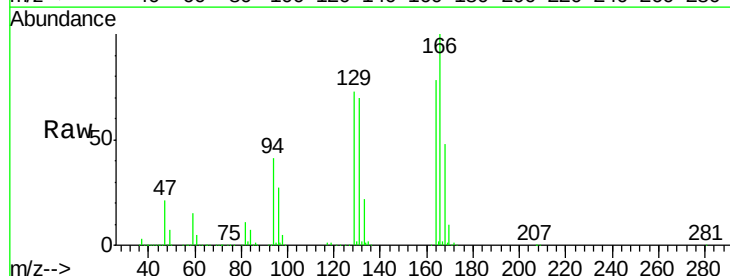
Ion Ratio Lower Upper

164 100

166 128.6 101.4 152.2

129 94.2 74.1 111.1

131 90.0 73.7 110.5

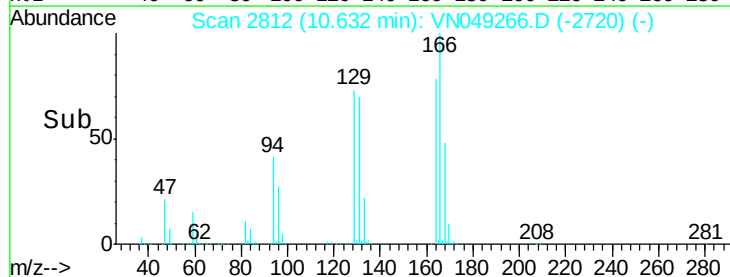
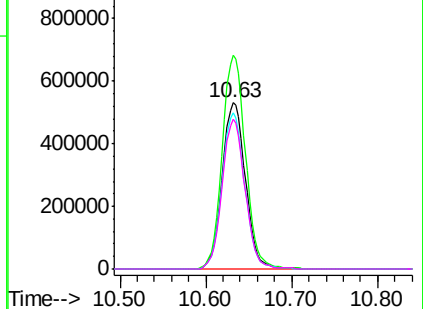


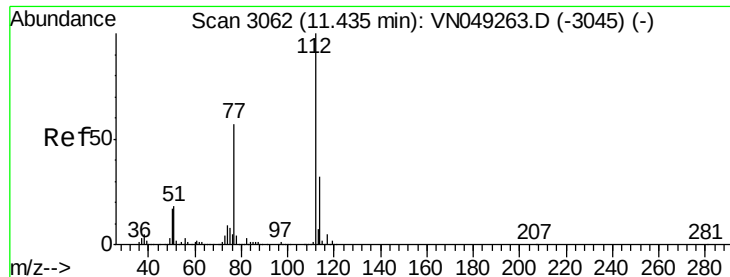
Abundance Ion 163.80 (163.50 to 164.50): V

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

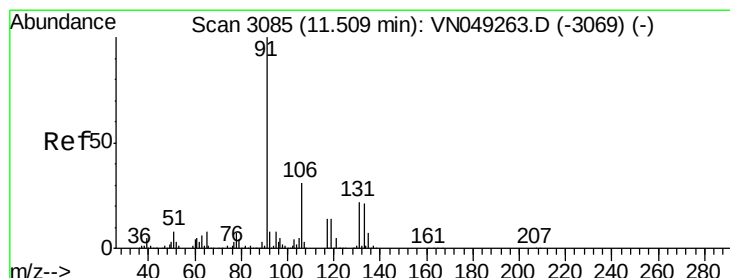
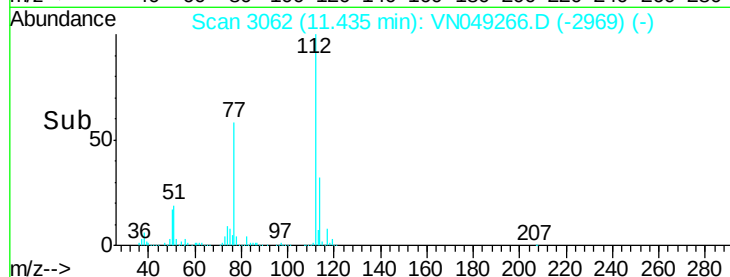
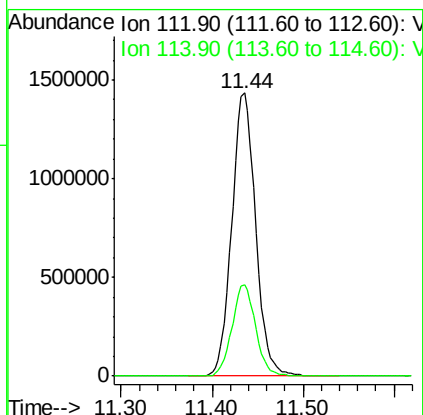
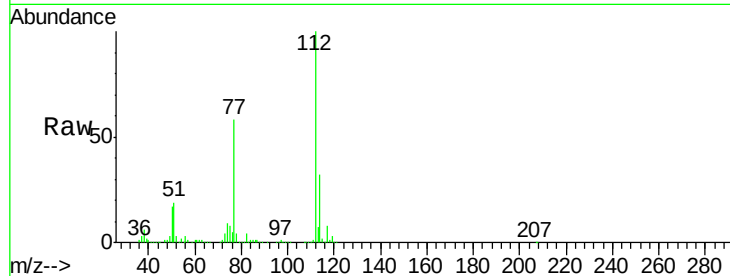




#65
Chlorobenzene
Concen: 46.23 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049266.D
Acq: 15 Jun 2018 17:43

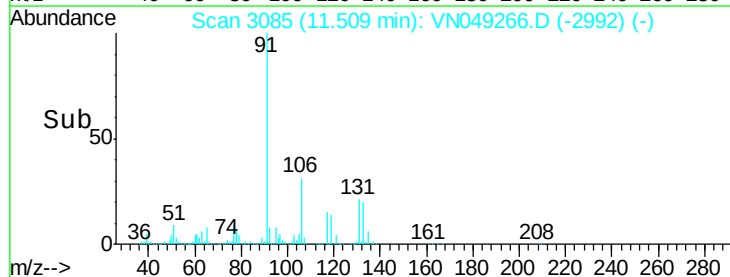
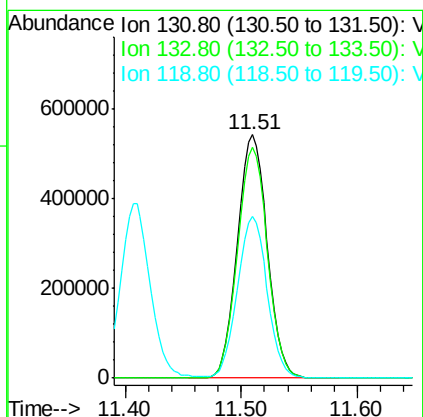
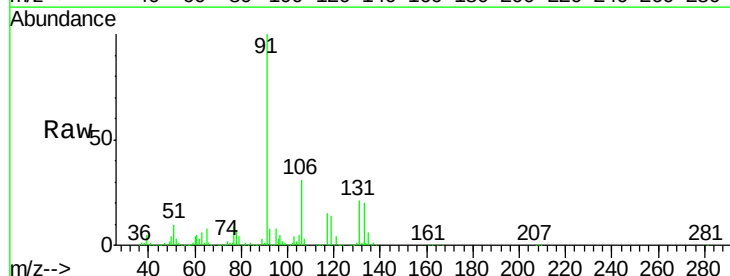
Instrument :
MSVOA_N
ClientSampleId :

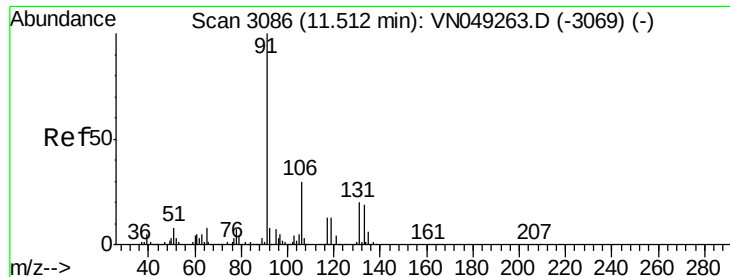
Tot Ion:112 Resp: 2605561
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 45.66 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VN049266.D
Acq: 15 Jun 2018 17:43

Tgt Ion:131 Resp: 968448
Ion Ratio Lower Upper
131 100
133 95.2 48.0 144.2
119 66.1 33.6 100.8





#67

Ethyl Benzene

Concen: 48.78 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

Instrument :

MSVOA_N

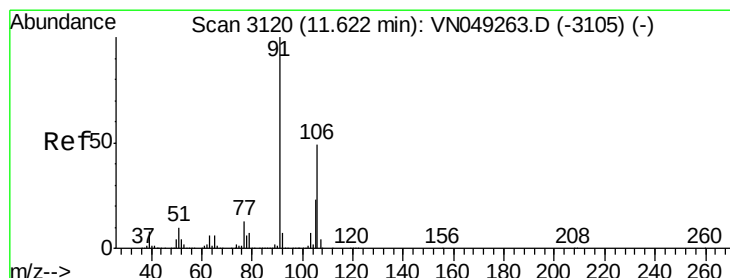
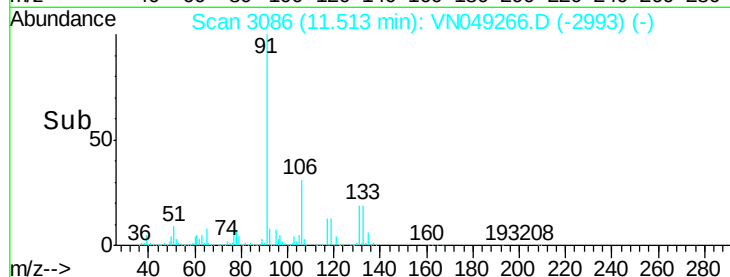
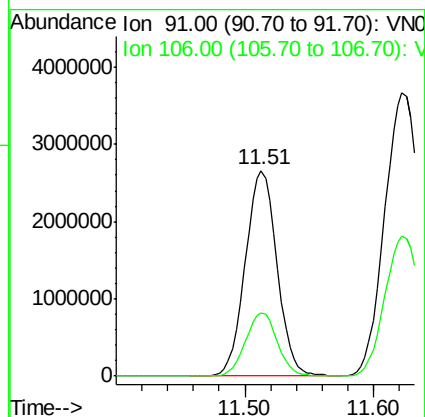
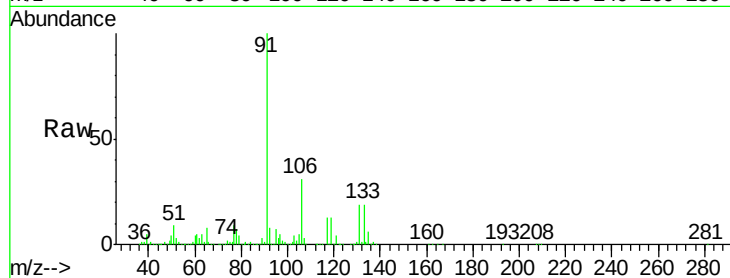
ClientSampled :

Tot Ion: 91 Resp: 4560168

Ion Ratio Lower Upper

91 100

106 31.0 23.9 35.9



#68

m/p-Xylenes

Concen: 100.50 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN049266.D

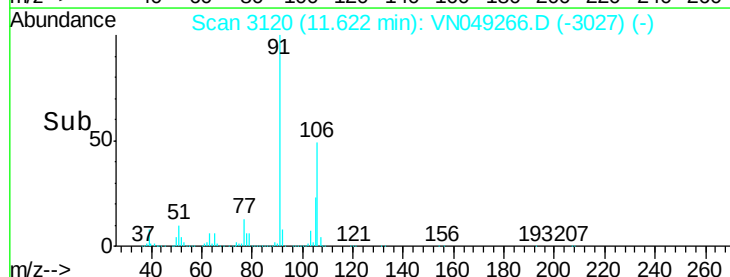
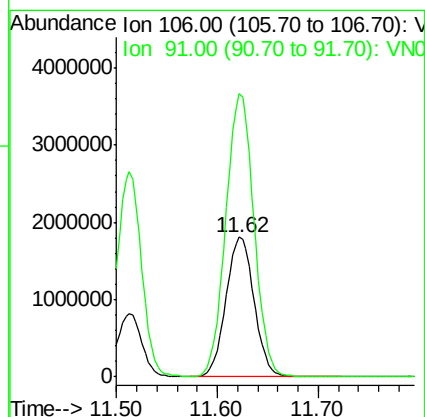
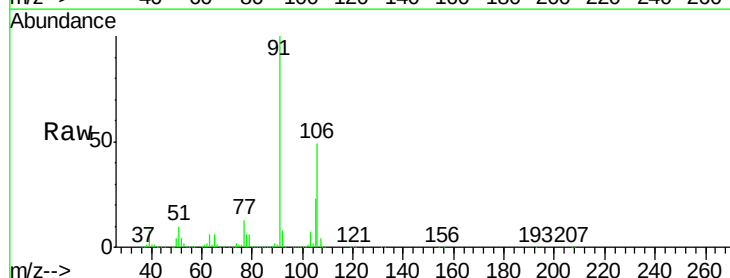
Acq: 15 Jun 2018 17:43

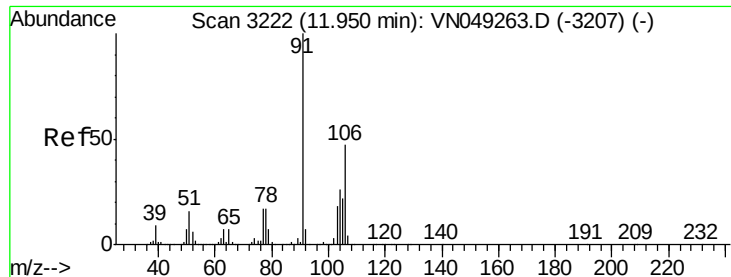
Tgt Ion: 106 Resp: 3525879

Ion Ratio Lower Upper

106 100

91 203.0 167.3 250.9





#69

o-Xylene

Concen: 49.64 ug/l

RT: 11.95 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

Instrument :

MSVOA_N

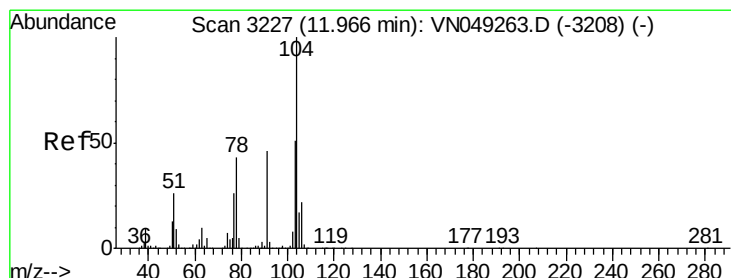
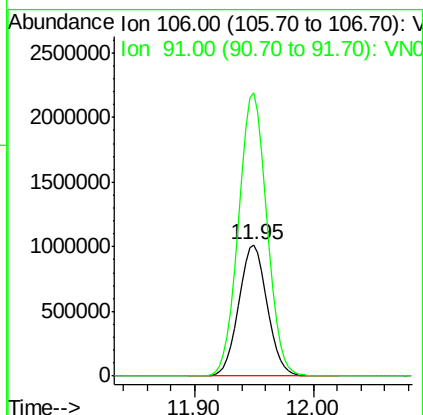
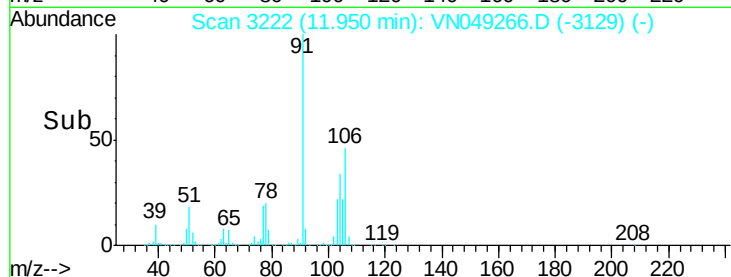
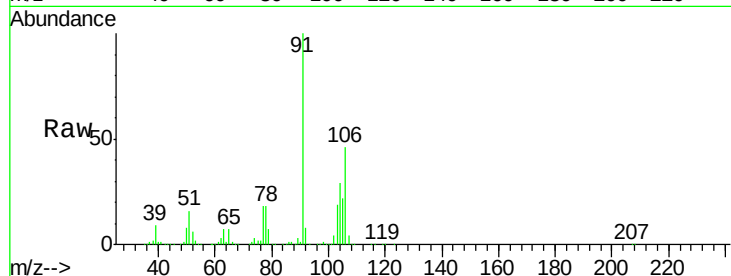
ClientSampled :

Tot Ion:106 Resp: 1677520

Ion Ratio Lower Upper

106 100

91 215.8 111.0 333.0



#70

Styrene

Concen: 51.25 ug/l

RT: 11.97 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

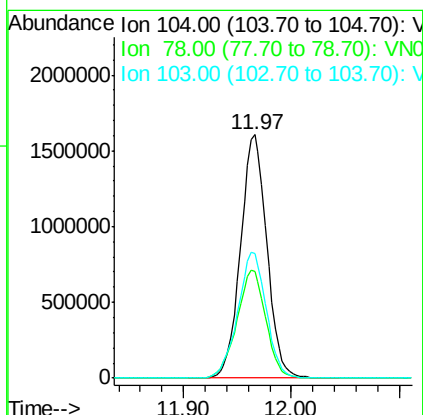
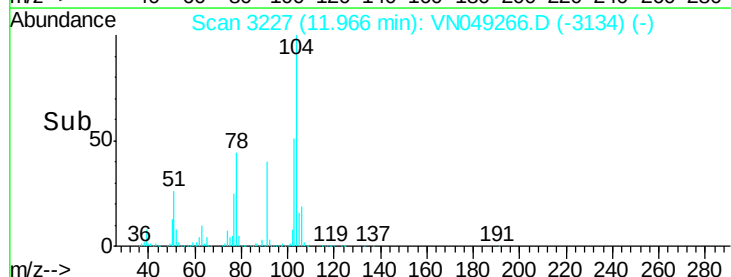
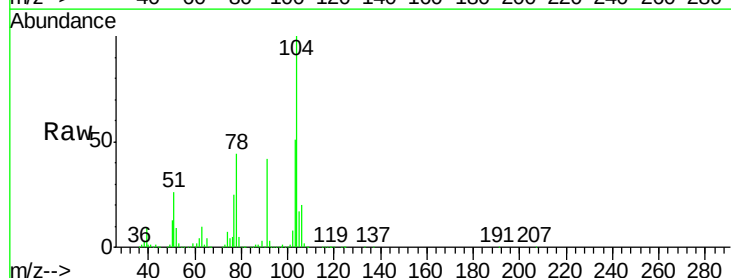
Tgt Ion:104 Resp: 2732218

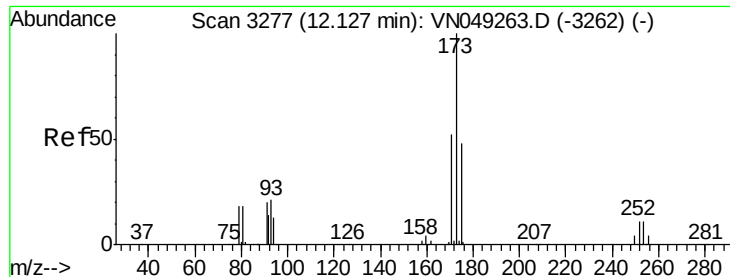
Ion Ratio Lower Upper

104 100

78 49.0 41.6 62.4

103 56.2 45.4 68.2





#71

Bromoform

Concen: 47.49 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

Instrument :

MSVOA_N

ClientSampleId :

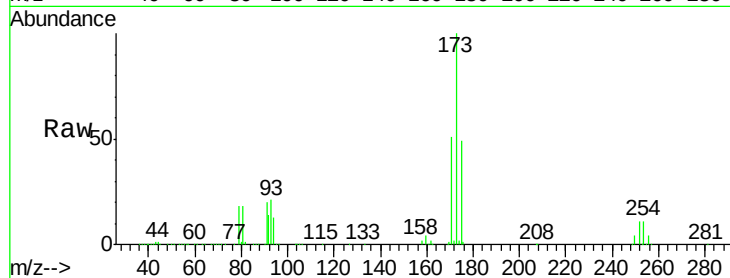
Tot Ion:173 Resp: 652023

Ion Ratio Lower Upper

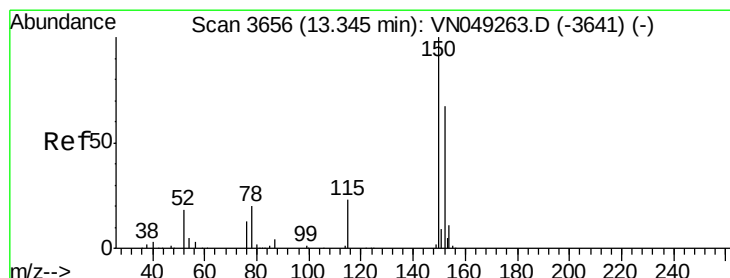
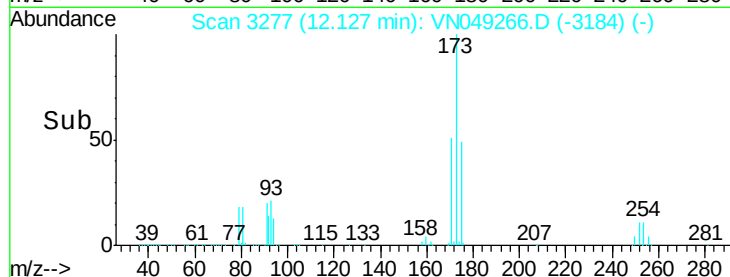
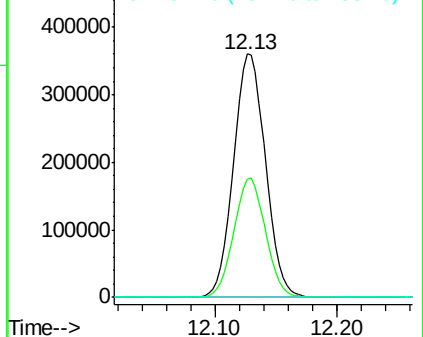
173 100

175 48.5 24.5 73.5

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

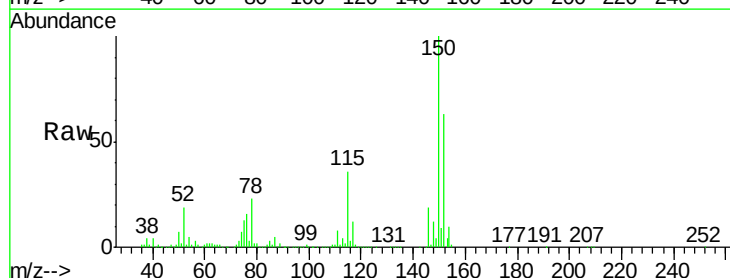
Tgt Ion:152 Resp: 1123089

Ion Ratio Lower Upper

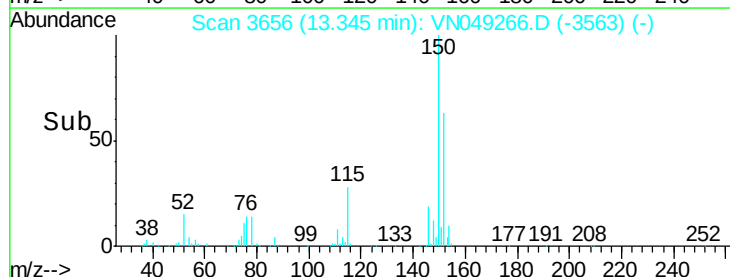
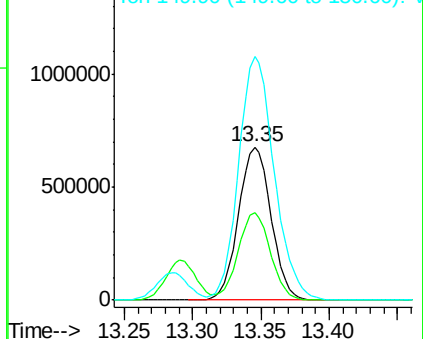
152 100

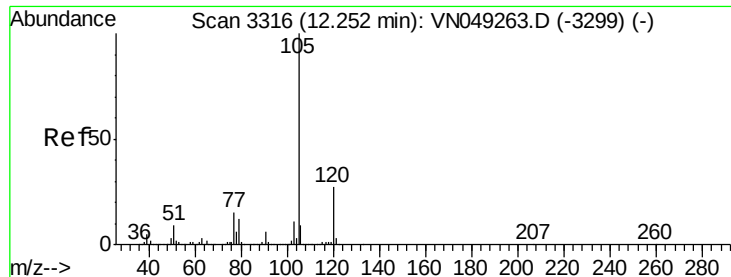
115 56.1 28.7 86.1

150 173.8 0.0 351.0



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





#73

Isopropylbenzene

Concen: 46.22 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

Instrument :

MSVOA_N

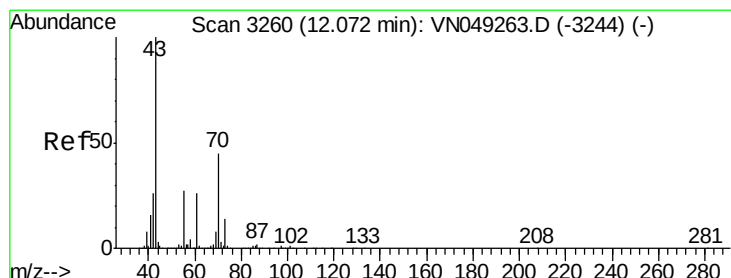
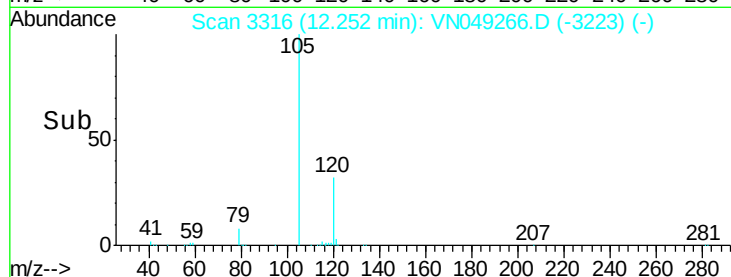
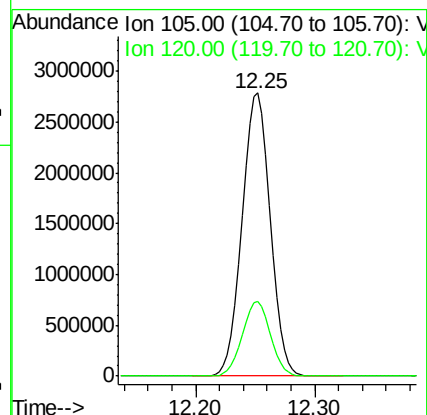
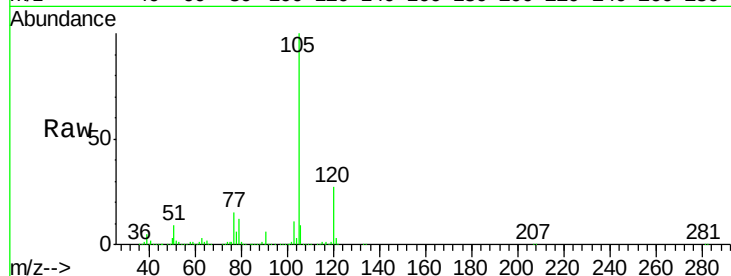
ClientSampleId :

Tot Ion:105 Resp: 4557638

Ion Ratio Lower Upper

105 100

120 26.4 12.8 38.3



#74

N-ethyl acetate

Concen: 47.23 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

Tgt Ion: 43 Resp: 1140665

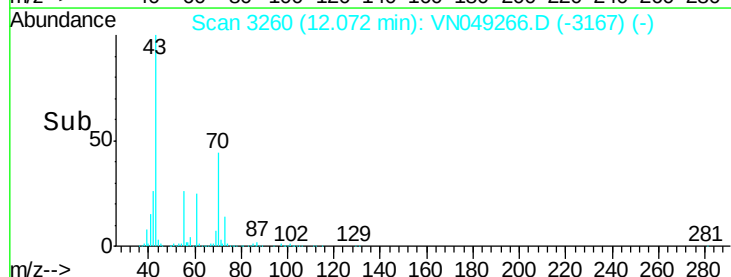
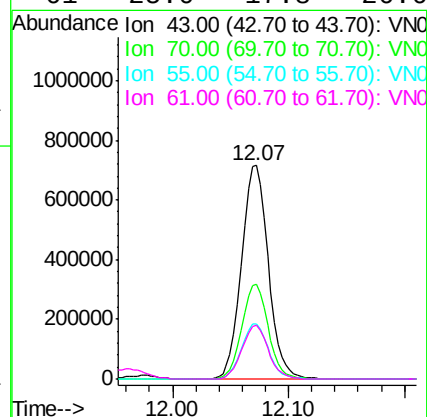
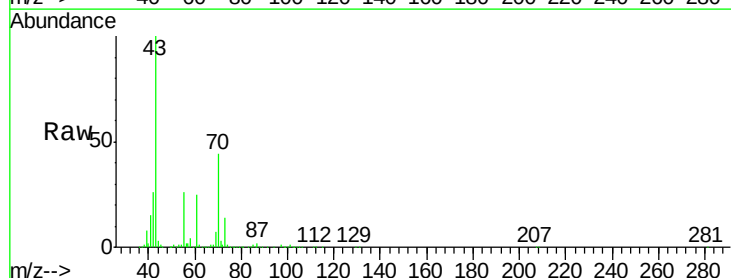
Ion Ratio Lower Upper

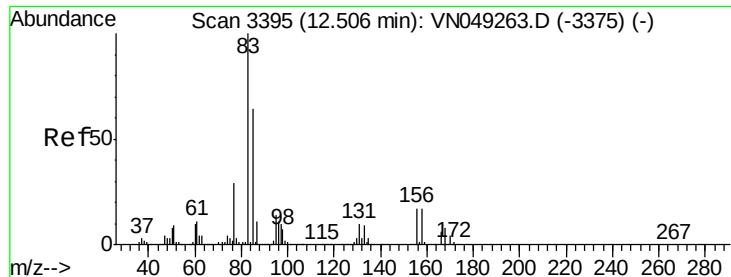
43 100

70 43.7 30.3 45.5

55 25.9 19.4 29.2

61 25.0 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 48.58 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

Instrument :

MSVOA_N

ClientSampleId :

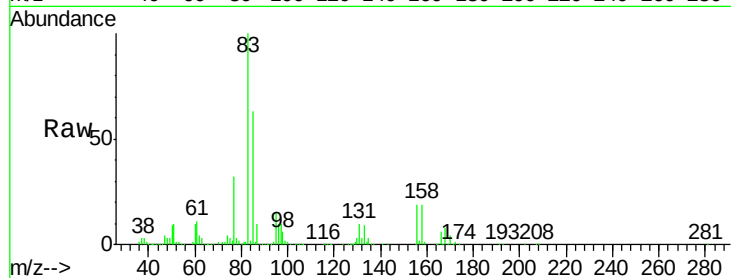
Tot Ion: 83 Resp: 986870

Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.0	15.0
85	64.9	32.0	96.0

83 100

131 10.3 5.0 15.0

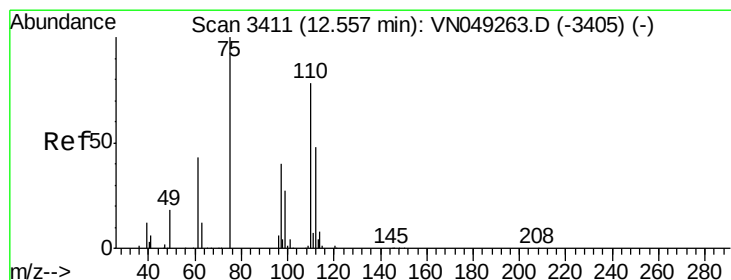
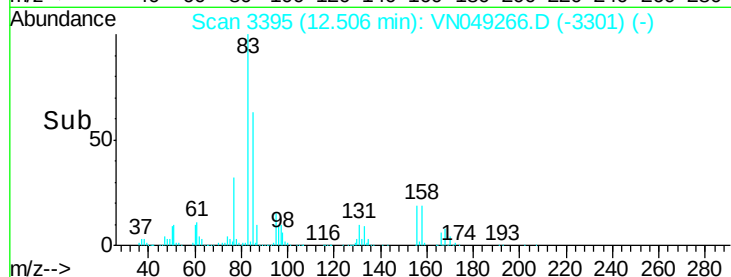
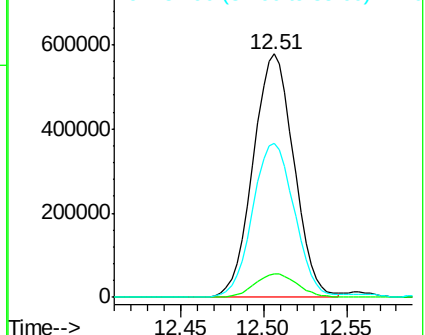
85 64.9 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 64.28 ug/l

RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN049266.D

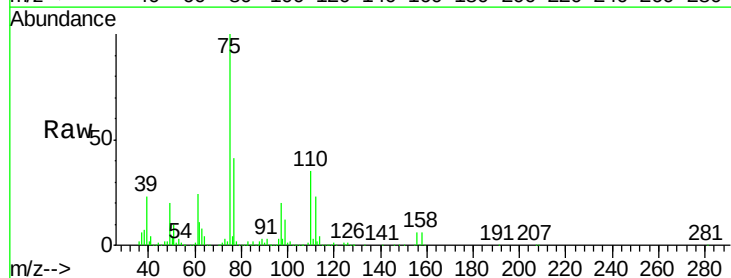
Acq: 15 Jun 2018 17:43

Tgt Ion: 75 Resp: 1231781

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

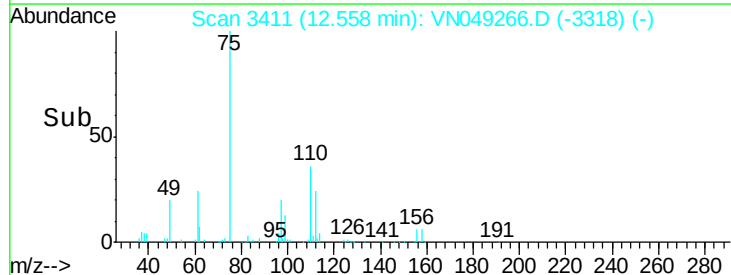
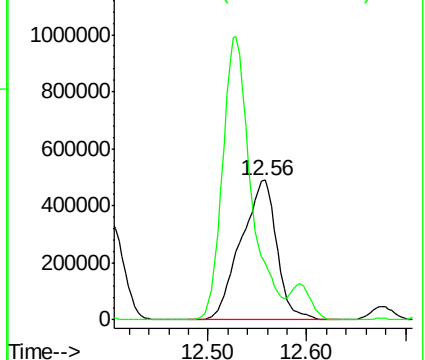
75 100

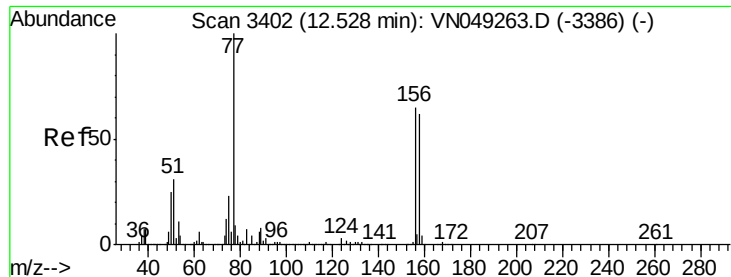
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 42.31 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

Instrument :

MSVOA_N

ClientSampled :

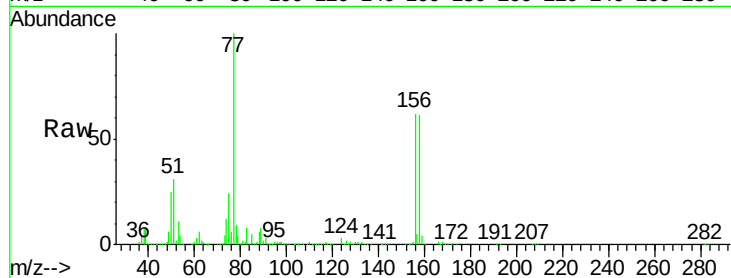
Tot Ion:156 Resp: 1101988

Ion Ratio Lower Upper

156 100

77 183.5 100.8 302.4

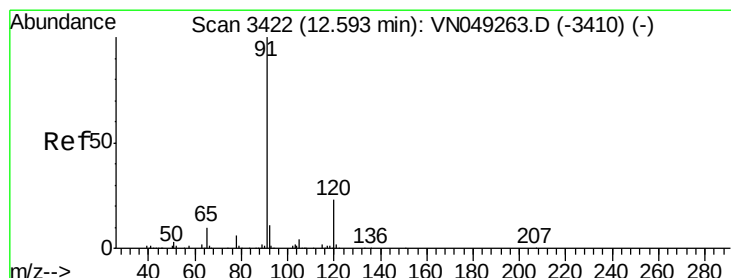
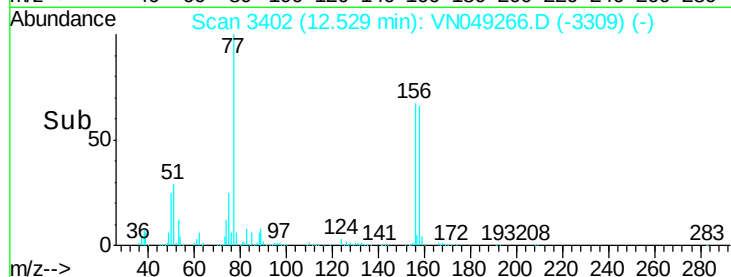
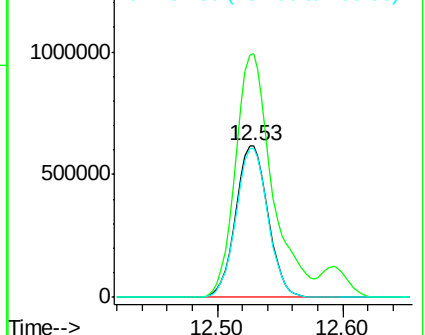
158 97.6 49.3 147.9



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: 48.26 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049266.D

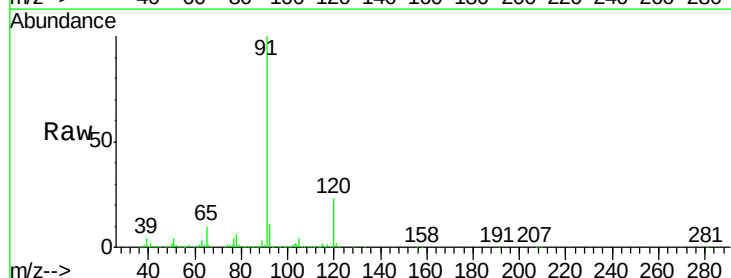
Acq: 15 Jun 2018 17:43

Tgt Ion: 91 Resp: 5225298

Ion Ratio Lower Upper

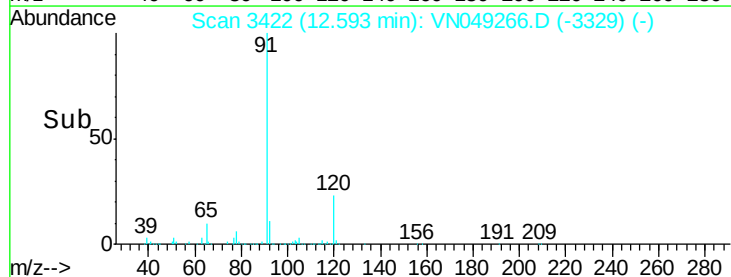
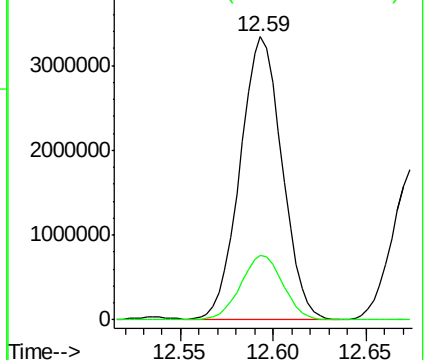
91 100

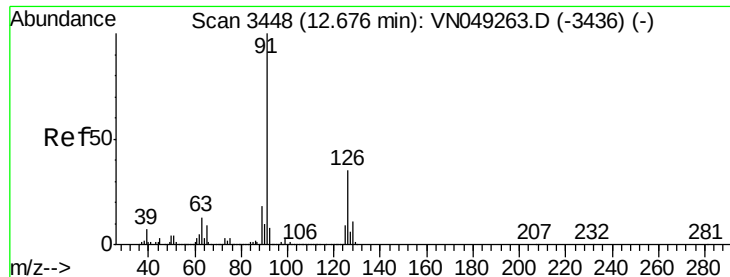
120 23.0 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 44.69 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

Instrument :

MSVOA_N

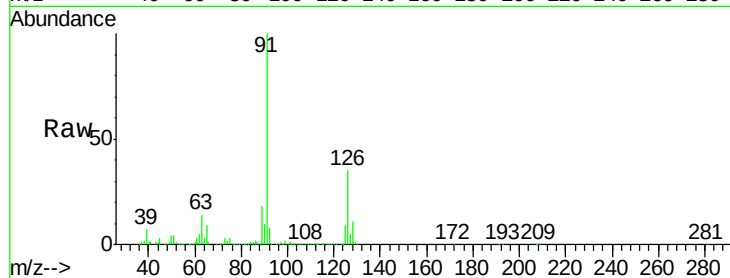
ClientSampled :

Tot Ion: 91 Resp: 3066035

Ion Ratio Lower Upper

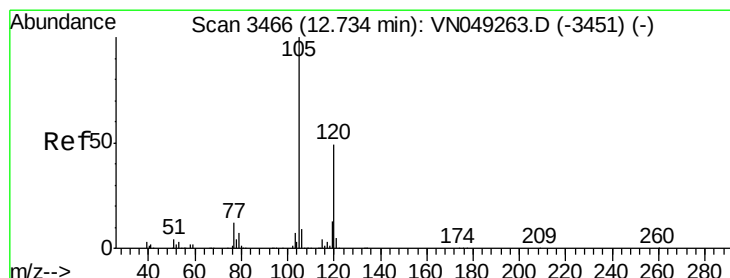
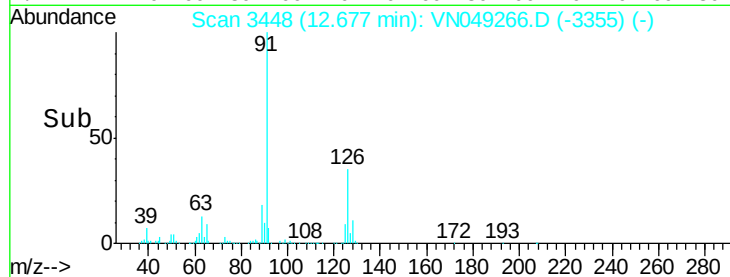
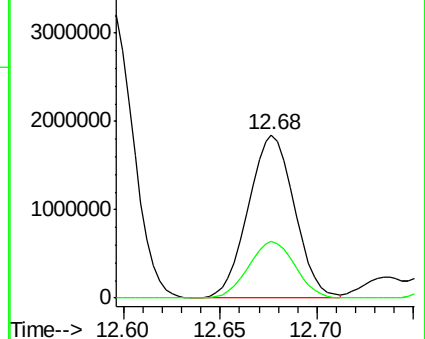
91 100

126 35.2 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN049266.D (-3436) (-)

Ion 125.90 (125.60 to 126.60): VN049266.D (-3436) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.84 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049266.D

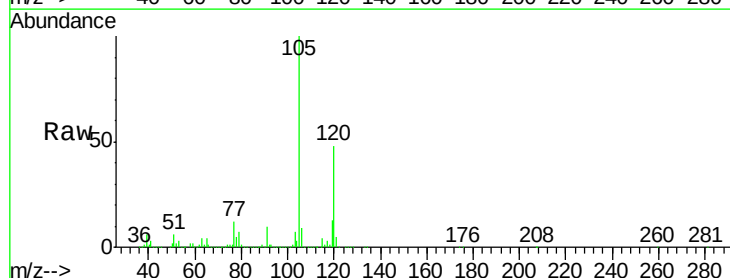
Acq: 15 Jun 2018 17:43

Tgt Ion: 105 Resp: 3707673

Ion Ratio Lower Upper

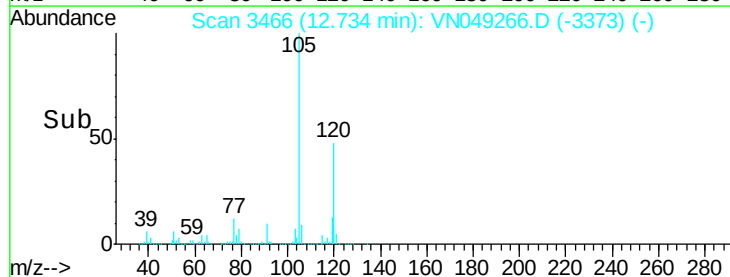
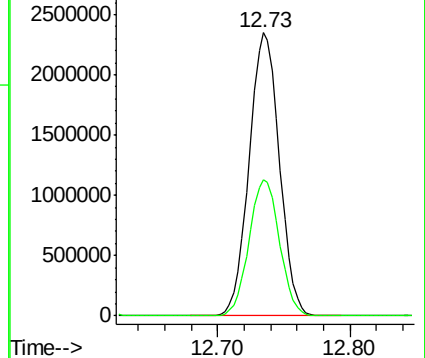
105 100

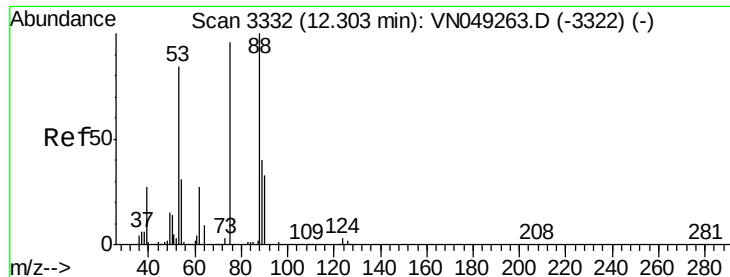
120 48.5 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): VN049266.D (-3373) (-)

Ion 120.00 (119.70 to 120.70): VN049266.D (-3373) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 45.68 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

Instrument :

MSVOA_N

ClientSampleId :

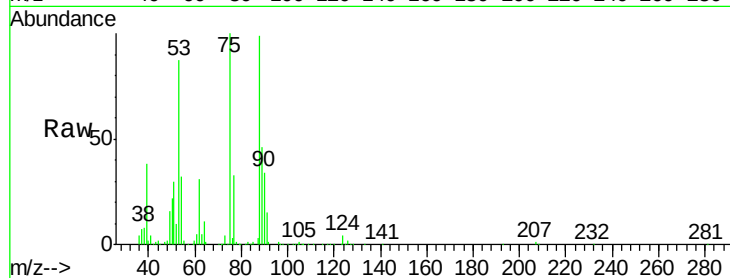
Tot Ion: 75 Resp: 276938

Ion Ratio Lower Upper

75 100

53 89.6 82.7 124.1

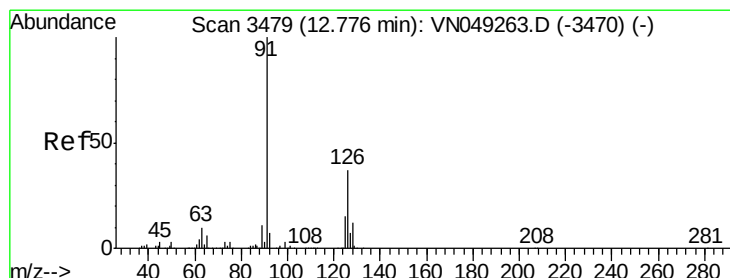
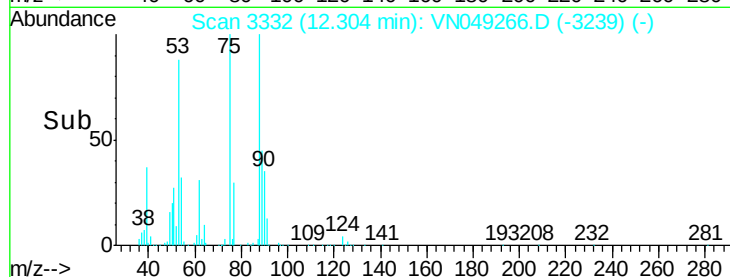
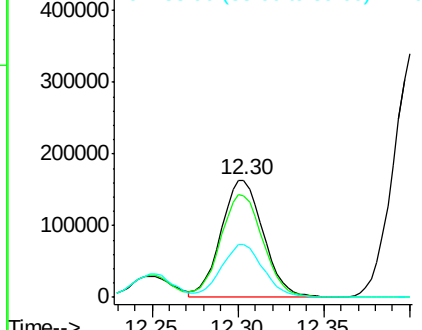
89 45.5 36.5 54.7



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: 46.69 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. 0.00 min

Lab File: VN049266.D

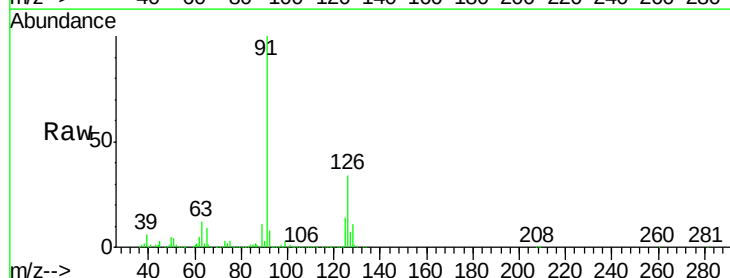
Acq: 15 Jun 2018 17:43

Tgt Ion: 91 Resp: 3090280

Ion Ratio Lower Upper

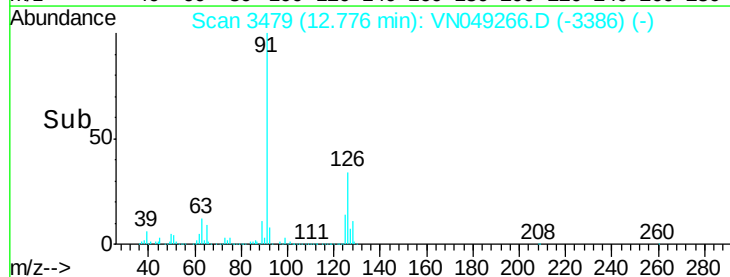
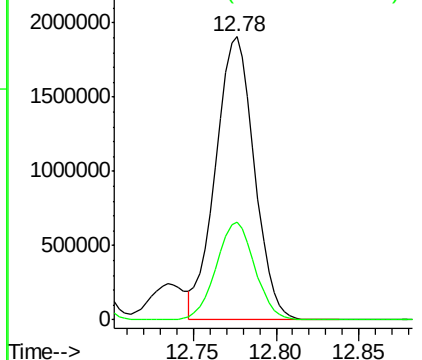
91 100

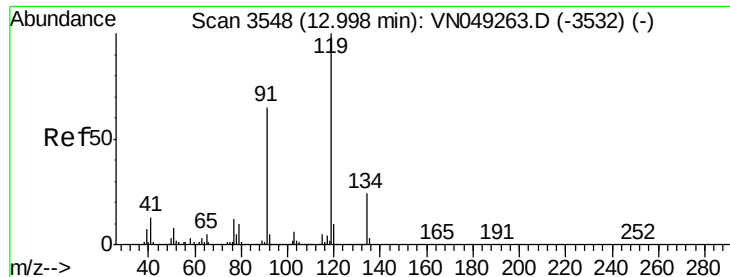
126 34.3 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 46.11 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

Instrument :

MSVOA_N

ClientSampleId :

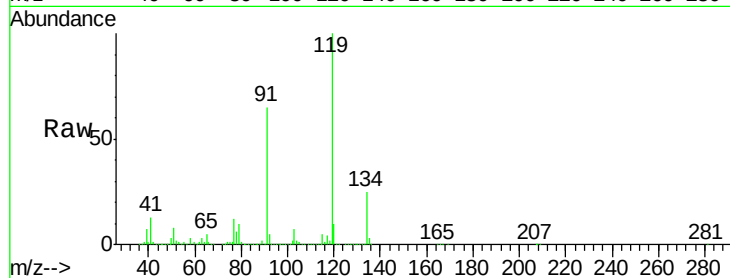
Tot Ion:119 Resp: 3166294

Ion Ratio Lower Upper

119 100

91 64.3 33.7 101.0

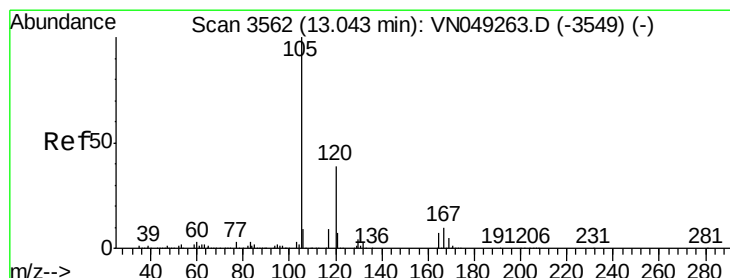
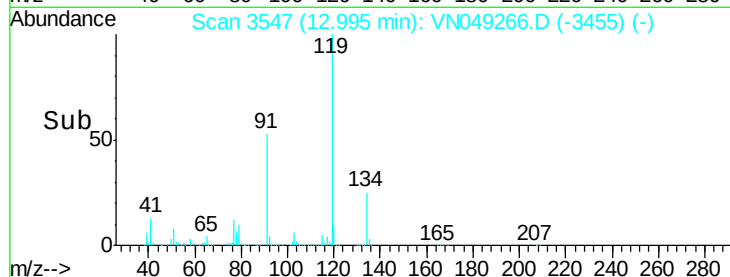
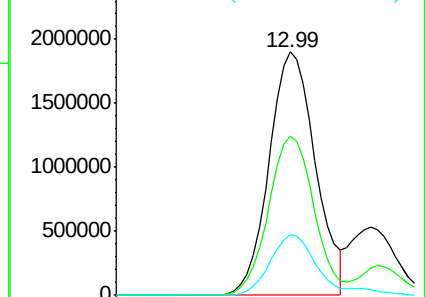
134 26.1 12.9 38.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 48.42 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049266.D

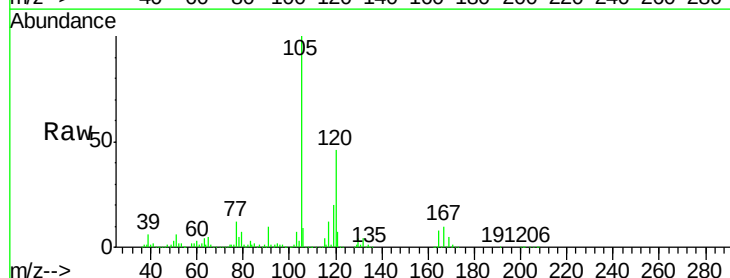
Acq: 15 Jun 2018 17:43

Tgt Ion:105 Resp: 3727894

Ion Ratio Lower Upper

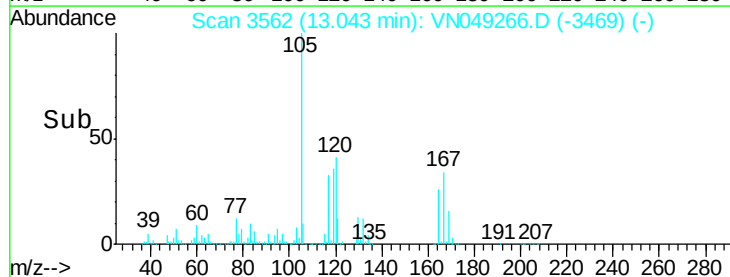
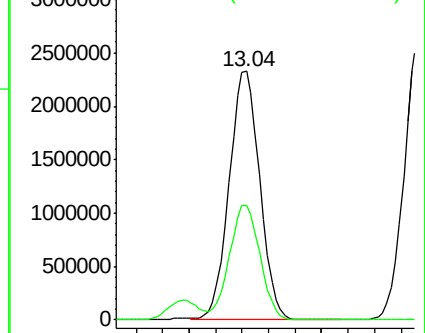
105 100

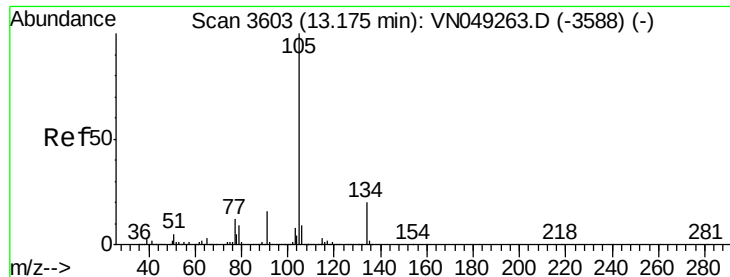
120 46.1 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 47.16 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

Instrument :

MSVOA_N

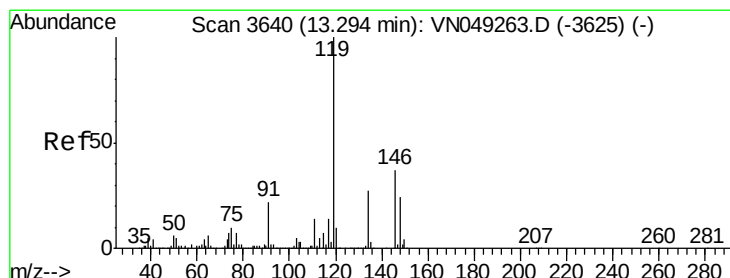
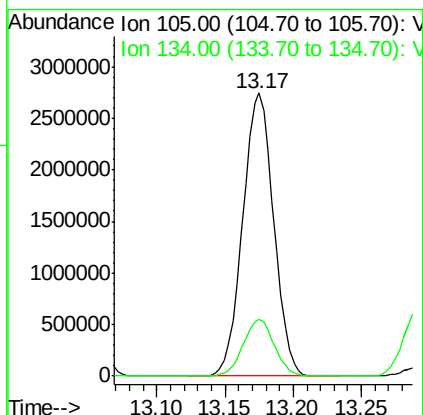
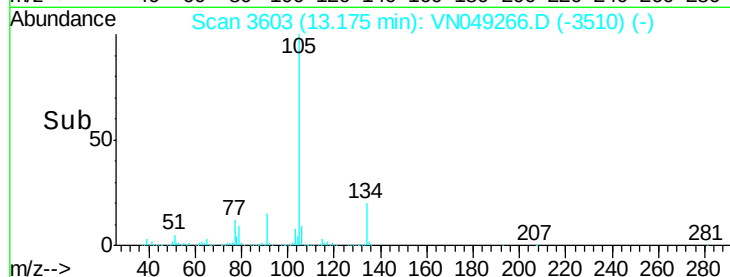
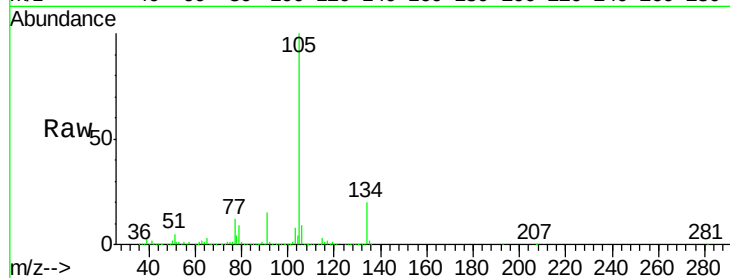
ClientSampled :

Tot Ion:105 Resp: 4309828

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.3



#86

p-Isopropyltoluene

Concen: 48.81 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

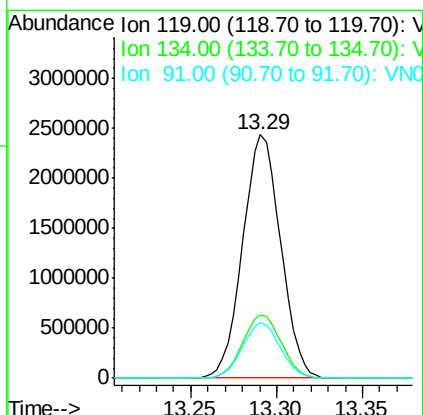
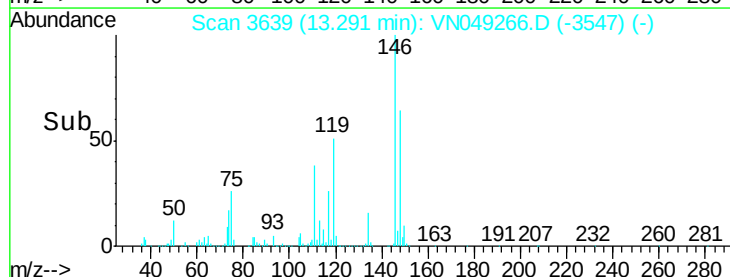
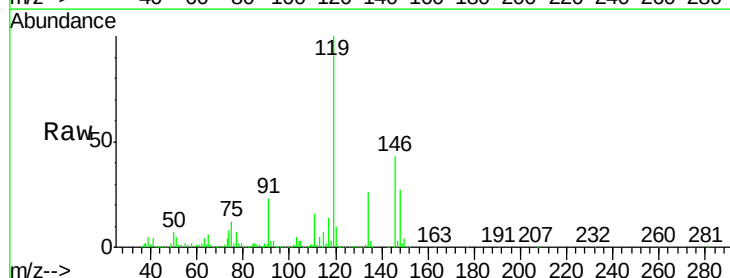
Tgt Ion:119 Resp: 3726840

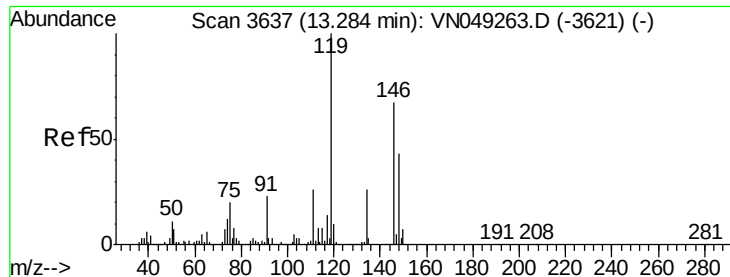
Ion Ratio Lower Upper

119 100

134 26.4 12.9 38.6

91 22.7 12.1 36.3

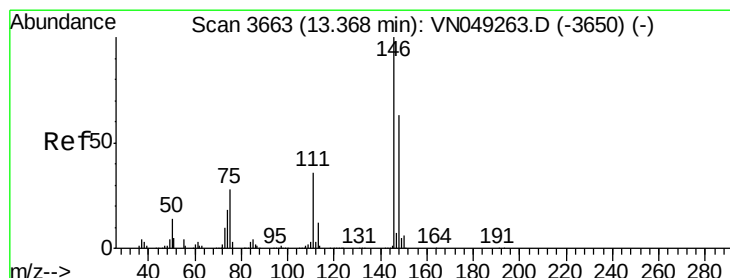
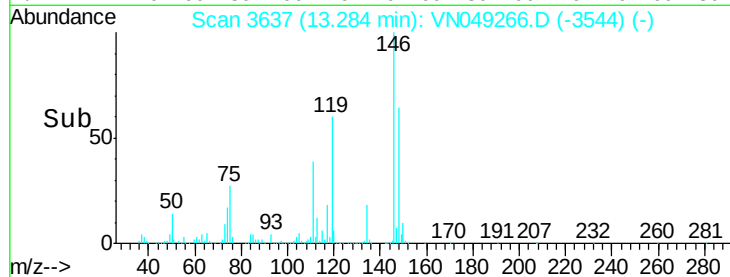
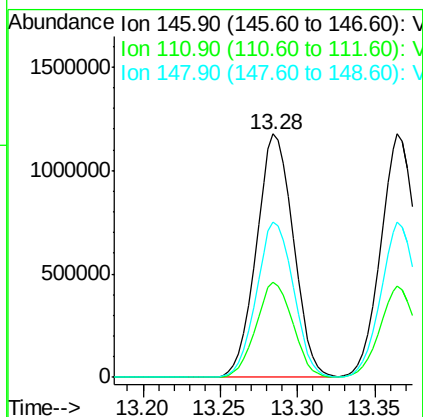
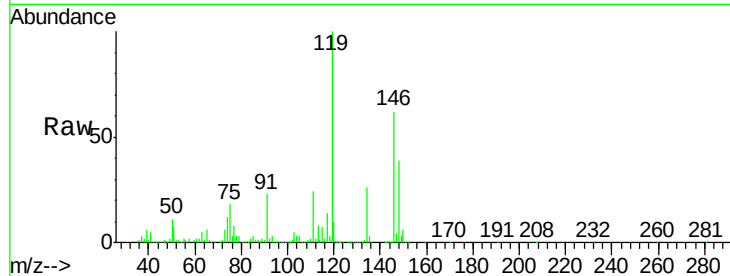




#87
 1,3-Dichlorobenzene
 Concen: 45.69 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049266.D
 Acq: 15 Jun 2018 17:43

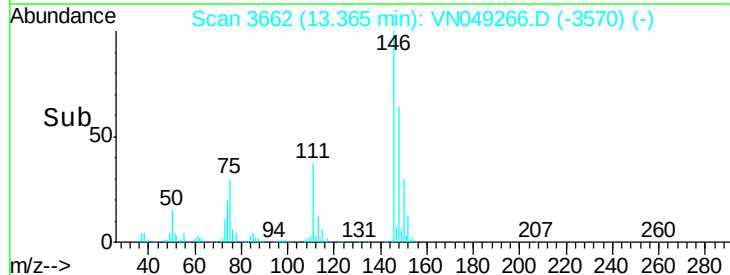
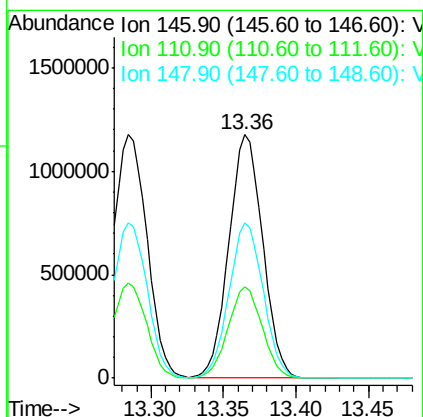
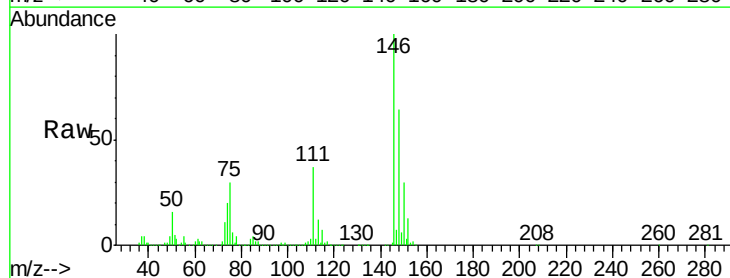
Instrument :
 MSVOA_N
 ClientSampled :

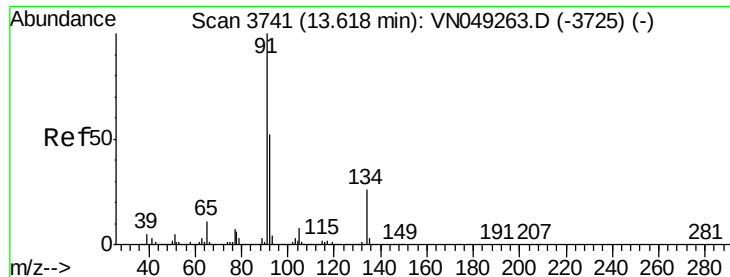
Tot Ion:146 Resp: 1957996
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.9 59.6
 148 64.0 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 44.99 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN049266.D
 Acq: 15 Jun 2018 17:43

Tgt Ion:146 Resp: 1910775
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.1 57.1
 148 64.1 32.0 96.2

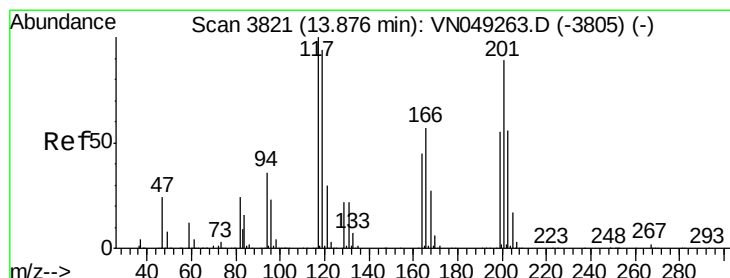
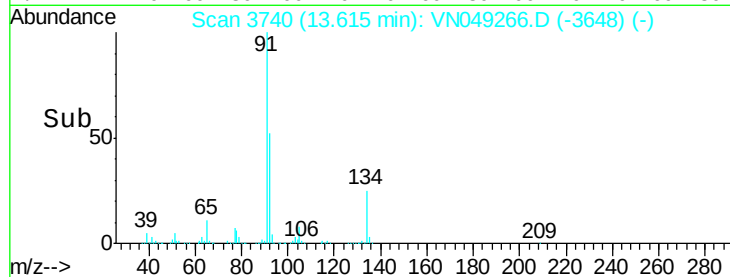
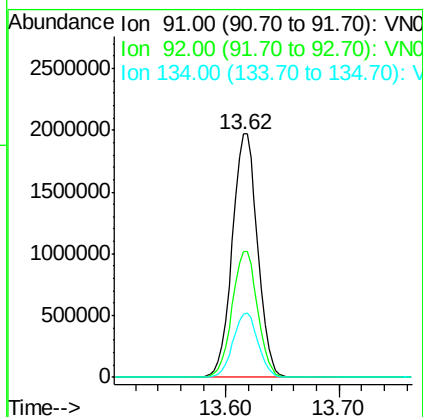
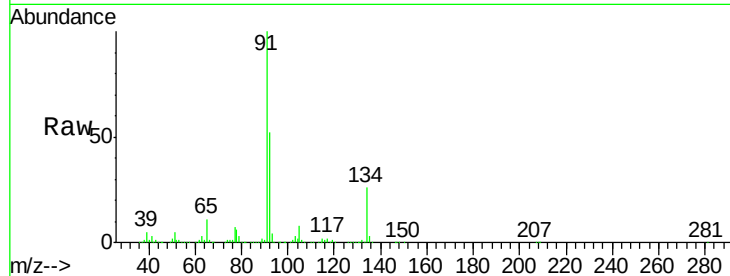




#89
n-Butylbenzene
Concen: 51.28 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN049266.D
Acq: 15 Jun 2018 17:43

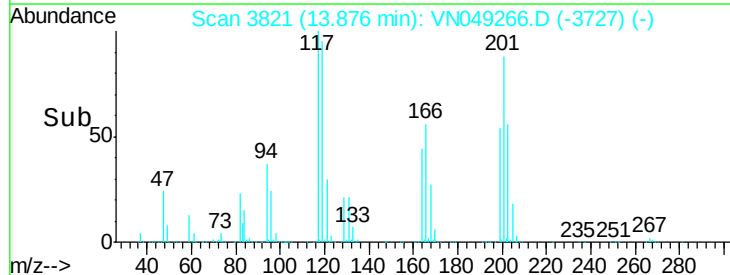
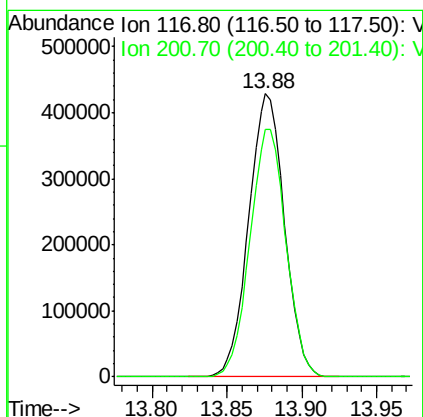
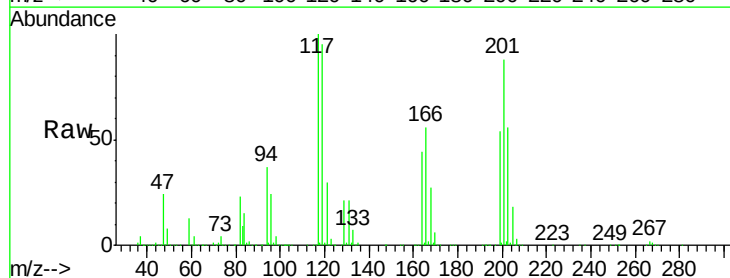
Instrument :
MSVOA_N
ClientSampled :

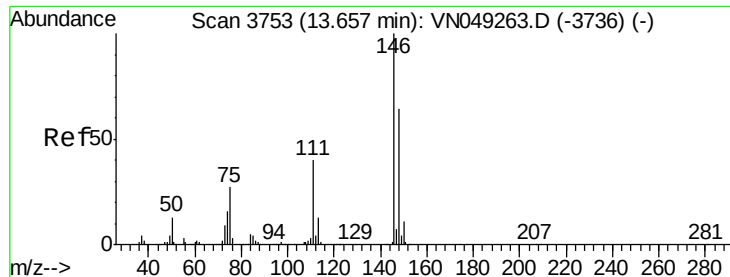
Tot Ion: 91 Resp: 3058348
Ion Ratio Lower Upper
91 100
92 52.0 25.1 75.4
134 26.1 12.0 36.0



#90
Hexachloroethane
Concen: 49.26 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049266.D
Acq: 15 Jun 2018 17:43

Tgt Ion: 117 Resp: 712210
Ion Ratio Lower Upper
117 100
201 88.0 40.1 120.2

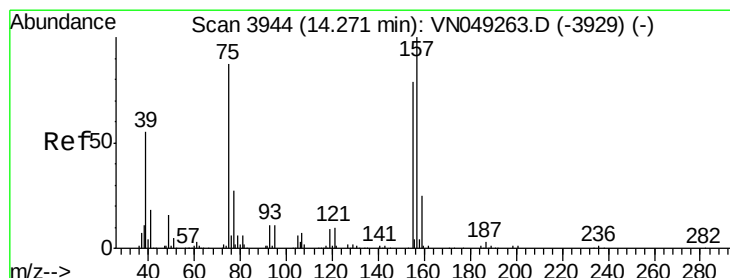
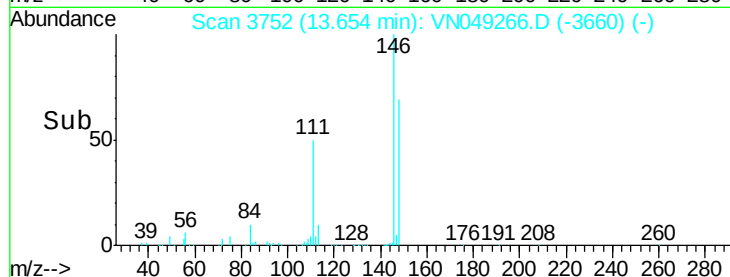
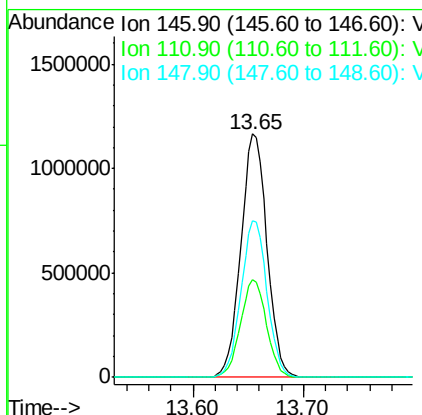
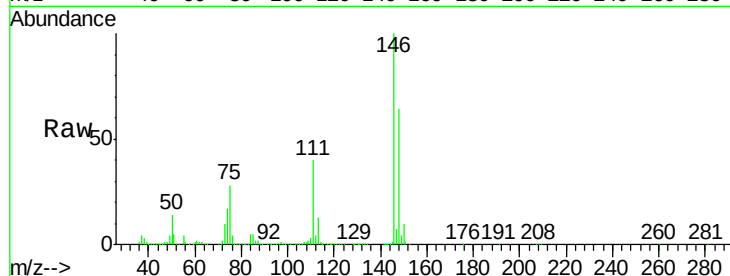




#91
 1,2-Dichlorobenzene
 Concen: 45.26 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN049266.D
 Acq: 15 Jun 2018 17:43

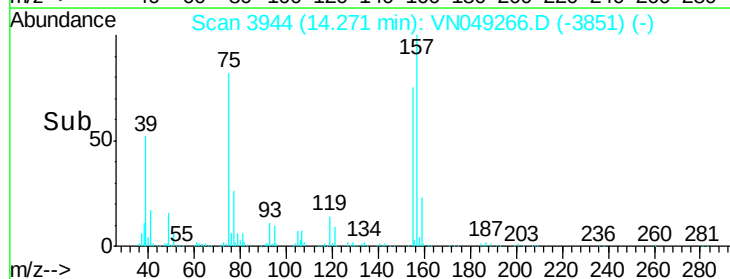
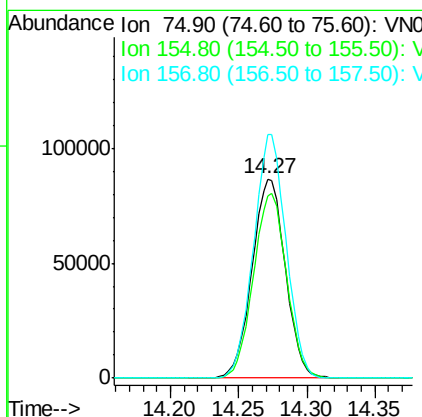
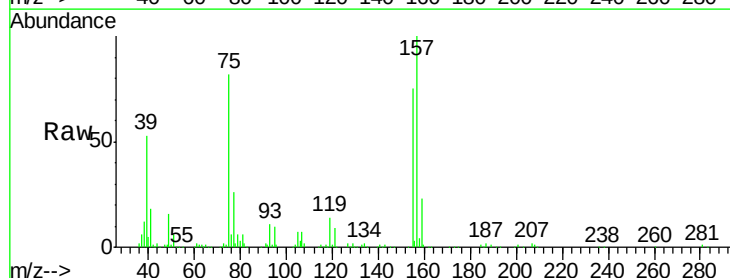
Instrument :
 MSVOA_N
 ClientSampleId :

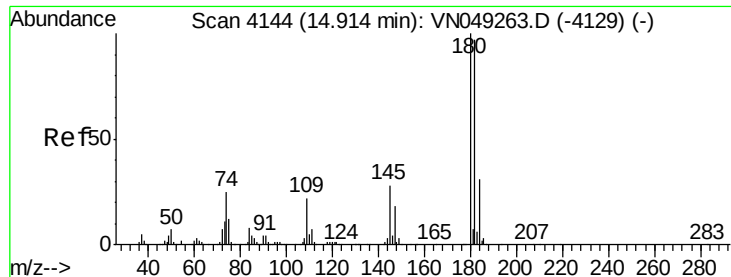
Tot Ion:146 Resp: 1901928
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.8 62.2
 148 64.2 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.77 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN049266.D
 Acq: 15 Jun 2018 17:43

Tgt Ion: 75 Resp: 146825
 Ion Ratio Lower Upper
 75 100
 155 92.2 38.8 116.3
 157 119.4 51.0 153.1





#93

1,2,4-Trichlorobenzene

Concen: 45.88 ug/l

RT: 14.91 min Scan# 4143

Delta R.T. -0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

Instrument :

MSVOA_N

ClientSampleId :

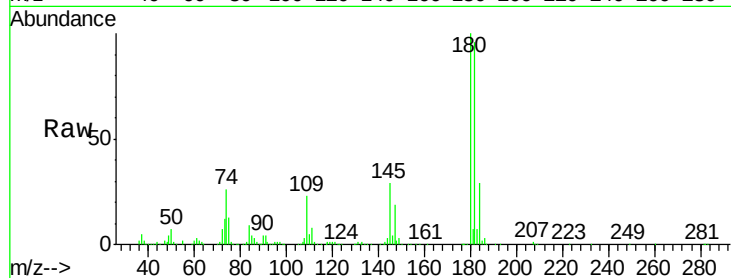
Tot Ion:180 Resp: 875488

Ion Ratio Lower Upper

180 100

182 95.9 46.9 140.8

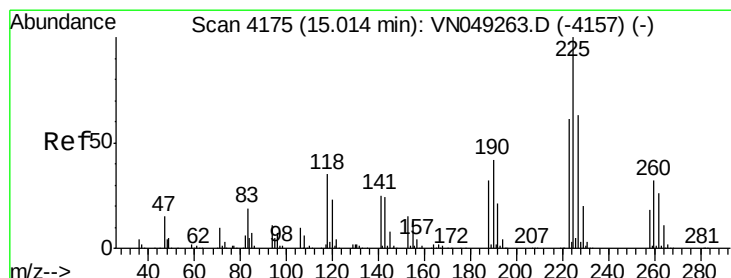
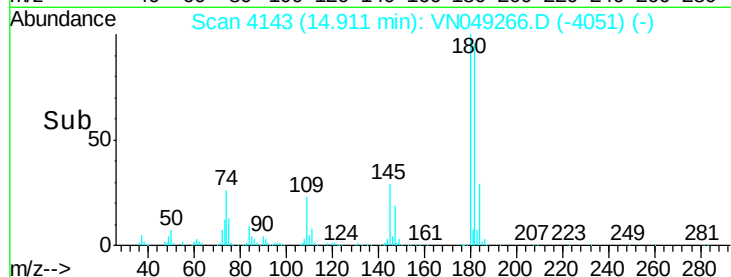
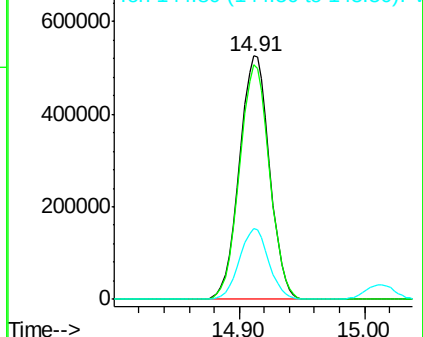
145 28.4 14.7 44.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 55.47 ug/l

RT: 15.01 min Scan# 4175

Delta R.T. 0.00 min

Lab File: VN049266.D

Acq: 15 Jun 2018 17:43

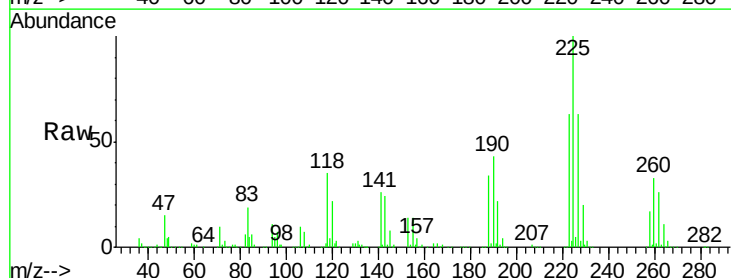
Tgt Ion:225 Resp: 678185

Ion Ratio Lower Upper

225 100

223 62.9 32.1 96.3

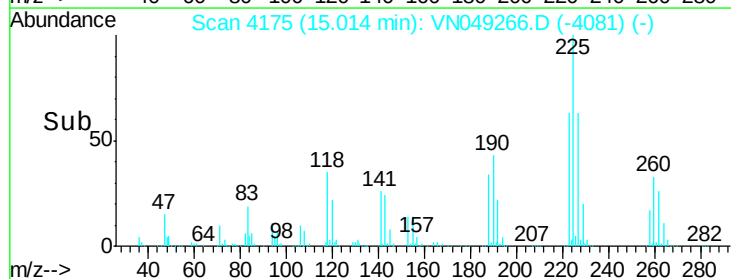
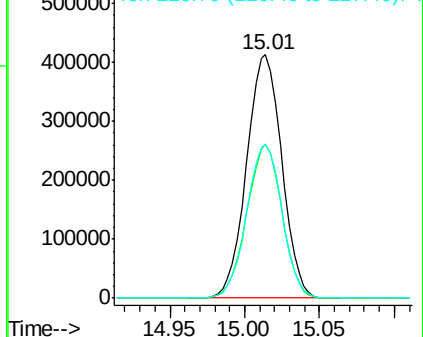
227 63.2 31.8 95.3

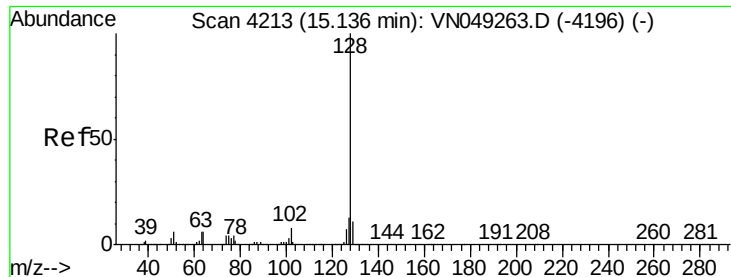


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

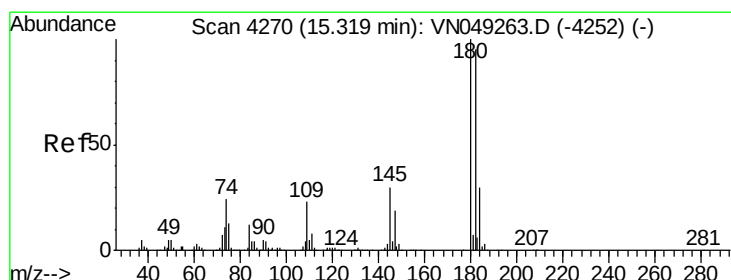
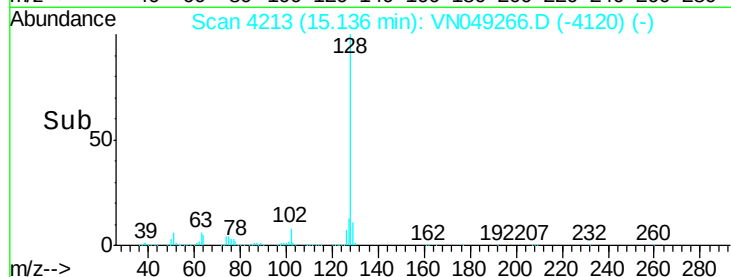
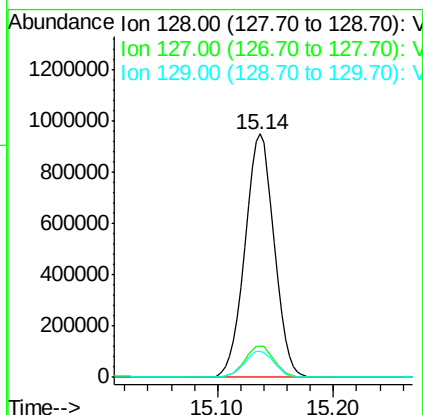
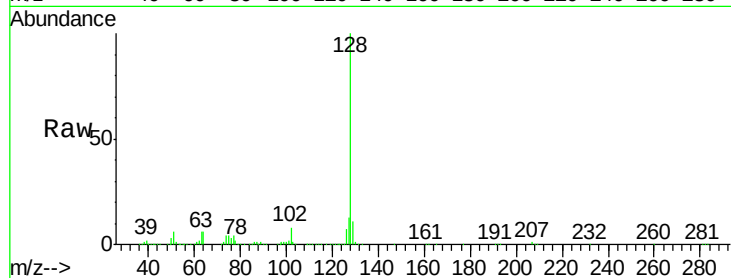




#95
Naphthalene
Concen: 48.94 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049266.D
Acq: 15 Jun 2018 17:43

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 1665692
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.9 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 46.56 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. -0.00 min
Lab File: VN049266.D
Acq: 15 Jun 2018 17:43

Tgt Ion:180 Resp: 871857
Ion Ratio Lower Upper
180 100
182 96.1 47.3 141.8
145 30.0 15.6 46.7

