

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061818\
 Data File : VN049360.D
 Acq On : 18 Jun 2018 22:57
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 19 03:56:37 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	7.67	168	1408026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2129229	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1951897	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1013371	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	967126	51.79	ug/l	0.00
Spiked Amount			Recovery	=	103.58%	
35) Dibromofluoromethane	7.59	113	857344	49.77	ug/l	0.00
Spiked Amount			Recovery	=	99.54%	
50) Toluene-d8	10.09	98	3231658	49.27	ug/l	0.00
Spiked Amount			Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.40	95	1119323	51.61	ug/l	0.00
Spiked Amount			Recovery	=	103.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	699582	43.17	ug/l	100
3) Chloromethane	2.06	50	888324	42.45	ug/l	97
4) Vinyl Chloride	2.18	62	992409	44.62	ug/l	100
5) Bromomethane	2.56	94	406690	34.78	ug/l	94
6) Chloroethane	2.70	64	634366	47.84	ug/l	100
7) Trichlorofluoromethane	3.01	101	1313917	47.35	ug/l	100
8) Diethyl Ether	3.41	74	492112	50.80	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.75	101	824686	46.86	ug/l	93
10) Methyl Iodide	3.95	142	843796	46.06	ug/l	92
11) Tert butyl alcohol	4.80	59	323382	295.03	ug/l #	87
12) 1,1-Dichloroethene	3.73	96	749430	46.42	ug/l	92
13) Acrolein	3.61	56	203539	177.07	ug/l	99
14) Allyl chloride	4.32	41	1242554	48.74	ug/l	89
15) Acrylonitrile	4.99	53	1557913	284.25	ug/l	98
16) Acetone	3.82	43	1068330	235.61	ug/l	91
17) Carbon Disulfide	4.05	76	2154009	42.57	ug/l	100
18) Methyl Acetate	4.33	43	798393	57.75	ug/l	95
19) Methyl tert-butyl Ether	5.05	73	2289985	55.63	ug/l	100
20) Methylene Chloride	4.55	84	911623	48.14	ug/l	91
21) trans-1,2-Dichloroethene	5.04	96	825671	48.31	ug/l	92
22) Diisopropyl ether	5.96	45	2704218	53.12	ug/l	96
23) Vinyl Acetate	5.90	43	9281716	279.69	ug/l	96
24) 1,1-Dichloroethane	5.85	63	1611896	49.47	ug/l	98
25) 2-Butanone	6.84	43	1701536	279.46	ug/l	97
26) 2,2-Dichloropropane	6.83	77	1022438	38.86	ug/l	95
27) cis-1,2-Dichloroethene	6.83	96	943145	49.63	ug/l	91
28) Bromochloromethane	7.20	49	747375	51.74	ug/l	85
29) Tetrahydrofuran	7.22	42	1148626	293.07	ug/l	94
30) Chloroform	7.37	83	1627825	50.20	ug/l	99
31) Cyclohexane	7.65	56	1360168	49.24	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	1385731	50.09	ug/l	96
36) 1,1-Dichloropropene	7.79	75	1211122	49.63	ug/l	98
37) Ethyl Acetate	6.93	43	787525	59.36	ug/l	97
38) Carbon Tetrachloride	7.78	117	1236312	48.94	ug/l	99

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 ALS Vial : 30 Sample Multiplier: 1

Instrument :
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Quant Time: Jun 19 03:56:37 2018
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	1243181	47.46	ug/l	96
40) Benzene	8.04	78	3667715	49.02	ug/l	99
41) Methacrylonitrile	7.18	41	423272	59.02	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	1169634	50.60	ug/l	96
43) Isopropyl Acetate	8.17	43	1505238	59.38	ug/l	98
44) Trichloroethene	8.84	130	976089	49.41	ug/l	94
45) 1,2-Dichloropropane	9.12	63	984799	50.27	ug/l	99
46) Dibromomethane	9.21	93	588807	51.84	ug/l	91
47) Bromodichloromethane	9.41	83	1265882	50.71	ug/l	97
48) Methyl methacrylate	9.20	41	709070	59.40	ug/l	88
49) 1,4-Dioxane	9.20	88	192737	1169.91	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	3967349	298.64	ug/l	94
52) Toluene	10.16	92	2274404	51.80	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	1238050	51.85	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1405636	49.86	ug/l	90
55) 1,1,2-Trichloroethane	10.56	97	847265	51.76	ug/l	98
56) Ethyl methacrylate	10.43	69	1117296	59.16	ug/l #	86
57) 1,3-Dichloropropane	10.71	76	1425287	52.56	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1755116	259.39	ug/l	95
59) 2-Hexanone	10.75	43	2581799	301.44	ug/l	92
60) Dibromochloromethane	10.90	129	960223	52.56	ug/l	98
61) 1,2-Dibromoethane	11.01	107	816599	53.67	ug/l	100
64) Tetrachloroethene	10.63	164	1021059	51.05	ug/l	98
65) Chlorobenzene	11.44	112	2469405	49.11	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	921116	48.68	ug/l	99
67) Ethyl Benzene	11.51	91	4319683	51.79	ug/l	98
68) m/p-Xylenes	11.63	106	3307832	105.68	ug/l	97
69) o-Xylene	11.95	106	1597099	52.98	ug/l	96
70) Styrene	11.97	104	2631444	55.33	ug/l	97
71) Bromoform	12.13	173	657545	53.68	ug/l	99
73) Isopropylbenzene	12.25	105	4275439	48.05	ug/l	98
74) N-amyl acetate	12.07	43	1225742	56.24	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.51	83	1025131	56.29	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	1270061	73.45	ug/l #	100
77) Bromobenzene	12.53	156	1072961	45.65	ug/l	92
78) n-propylbenzene	12.59	91	4860835	49.76	ug/l	99
79) 2-Chlorotoluene	12.68	91	2924674	47.25	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	3501410	50.07	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	270881	49.51	ug/l	92
82) 4-Chlorotoluene	12.78	91	2935642	49.16	ug/l	97
83) tert-Butylbenzene	13.00	119	3006194	48.52	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	3549675	51.09	ug/l	98
85) sec-Butylbenzene	13.17	105	3968712	48.13	ug/l	99
86) p-Isopropyltoluene	13.29	119	3438046	49.90	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	1889598	48.87	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1839818	48.01	ug/l	99
89) n-Butylbenzene	13.62	91	2705291	50.27	ug/l	98
90) Hexachloroethane	13.88	117	656604	50.37	ug/l	88
91) 1,2-Dichlorobenzene	13.66	146	1860958	49.08	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	160225	51.72	ug/l	87

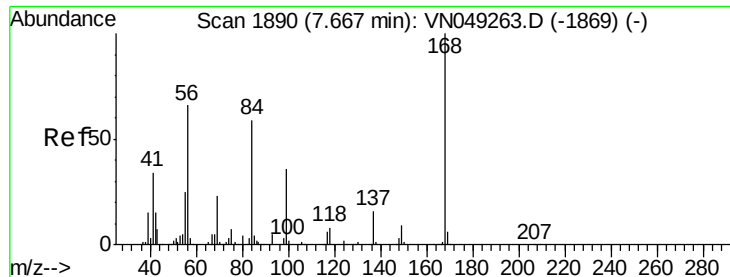
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061818\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	803521	46.59	ug/l	99
94) Hexachlorobutadiene	15.01	225	536792	48.30	ug/l	99
95) Naphthalene	15.14	128	1675355	53.66	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	814234	48.07	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049360.D

Acq: 18 Jun 2018 22:57

Instrument :

MSVOA_N

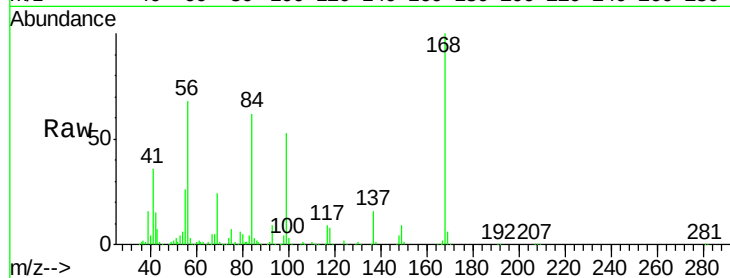
ClientSampled :

Tot Ion:168 Resp: 1408026

Ion Ratio Lower Upper

168 100

99 52.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

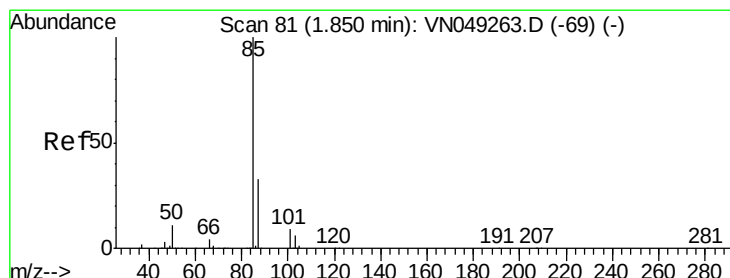
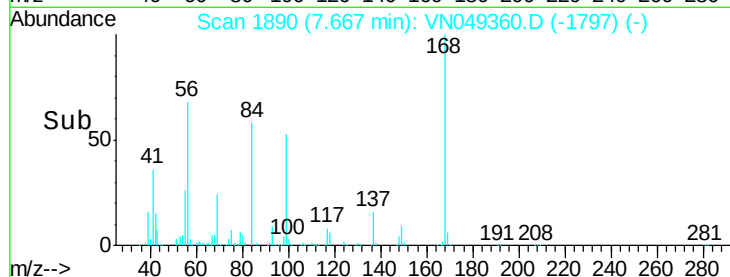
600000

400000

200000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 43.17 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN049360.D

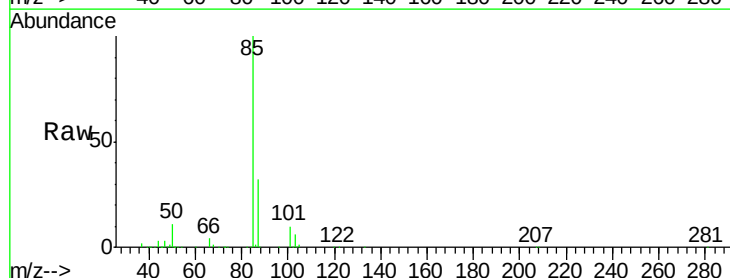
Acq: 18 Jun 2018 22:57

Tgt Ion: 85 Resp: 699582

Ion Ratio Lower Upper

85 100

87 32.2 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

500000

400000

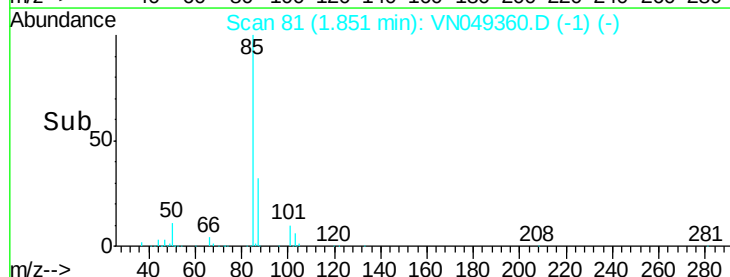
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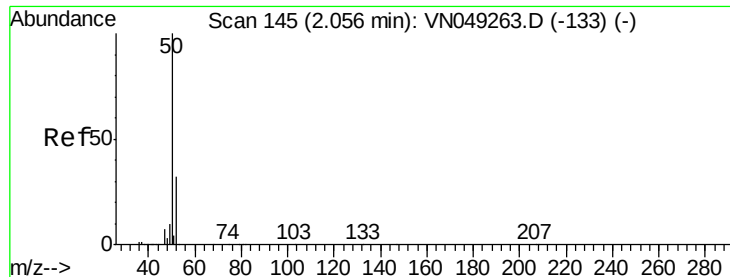
200000

100000

0

Time-->





#3

Chloromethane

Concen: 42.45 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049360.D

Acq: 18 Jun 2018 22:57

Instrument :

MSVOA_N

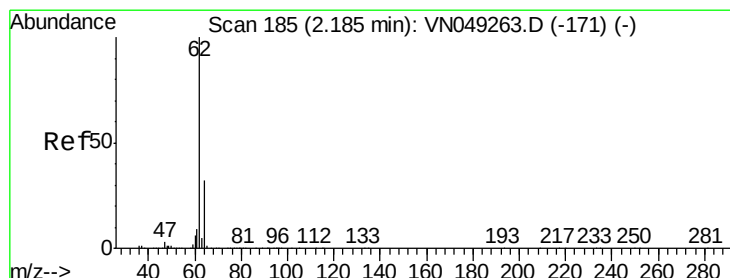
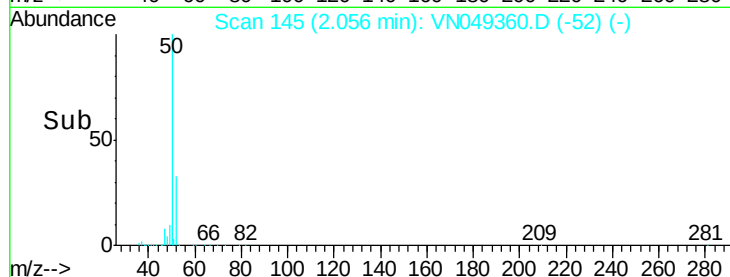
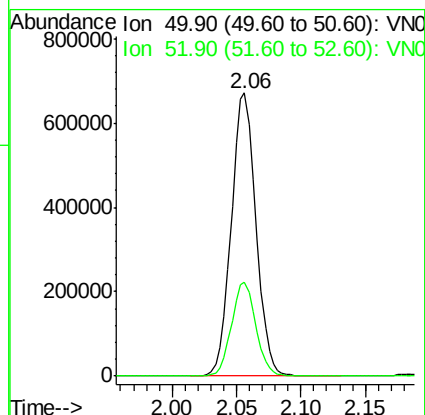
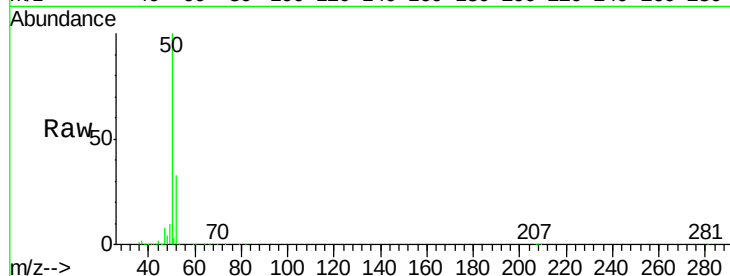
ClientSampleId :

Tot Ion: 50 Resp: 888324

Ion Ratio Lower Upper

50 100

52 33.2 25.2 37.8



#4

Vinyl Chloride

Concen: 44.62 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049360.D

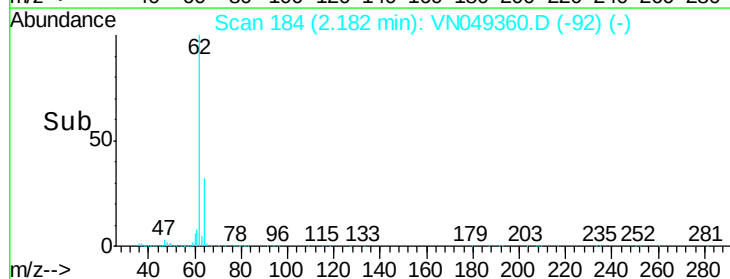
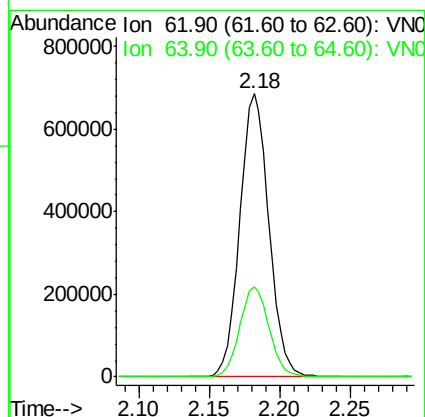
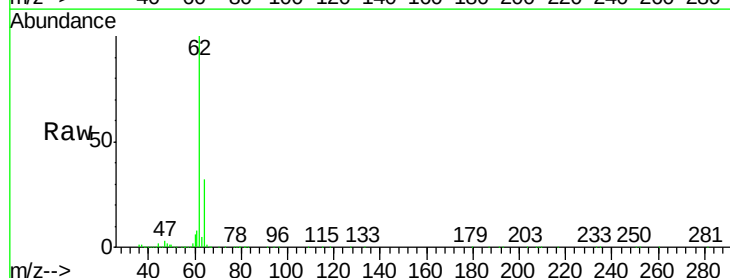
Acq: 18 Jun 2018 22:57

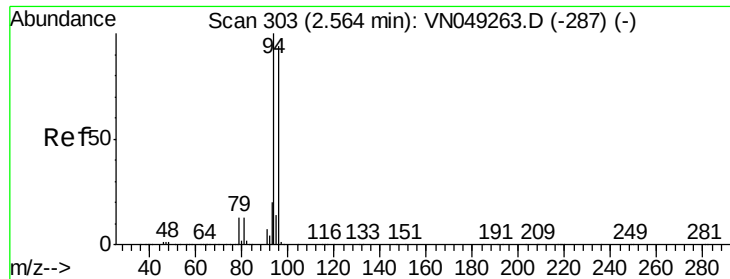
Tgt Ion: 62 Resp: 992409

Ion Ratio Lower Upper

62 100

64 31.9 25.7 38.5





#5

Bromomethane

Concen: 34.78 ug/l

RT: 2.56 min Scan# 301

Delta R.T. -0.01 min

Lab File: VN049360.D

Acq: 18 Jun 2018 22:57

Instrument :

MSVOA_N

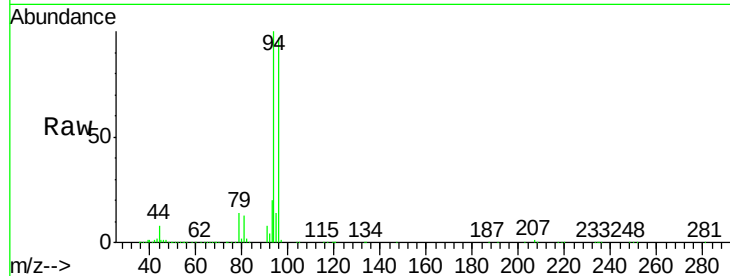
ClientSampled :

Tot Ion: 94 Resp: 406690

Ion Ratio Lower Upper

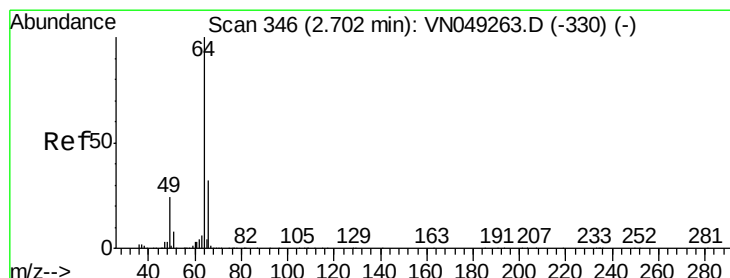
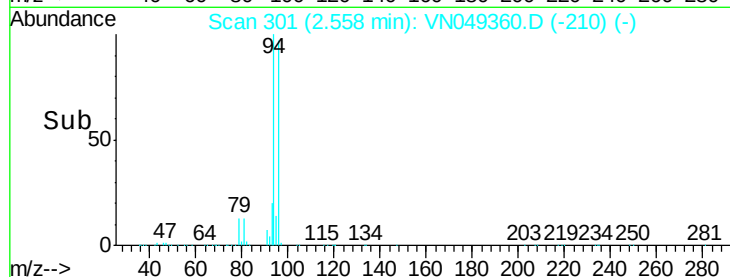
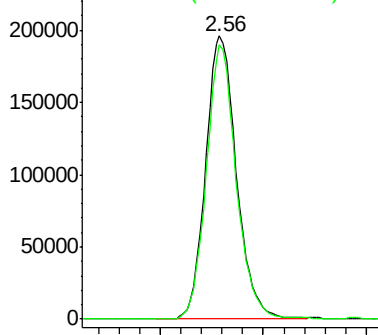
94 100

96 96.7 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: 47.84 ug/l

RT: 2.70 min Scan# 345

Delta R.T. -0.00 min

Lab File: VN049360.D

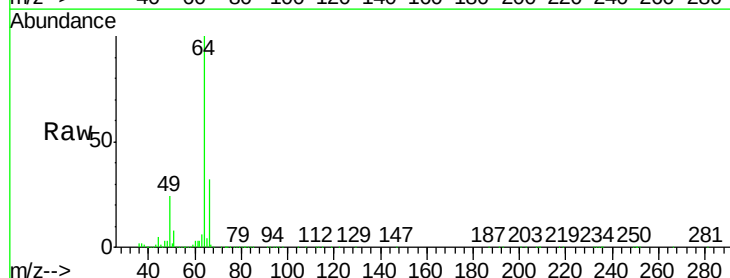
Acq: 18 Jun 2018 22:57

Tgt Ion: 64 Resp: 634366

Ion Ratio Lower Upper

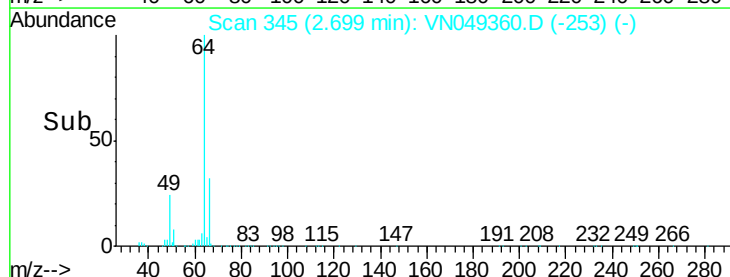
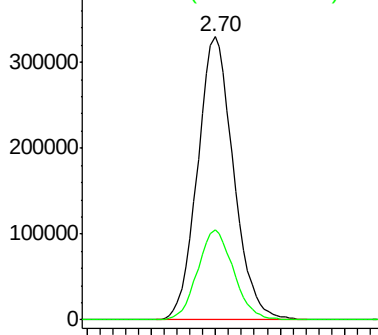
64 100

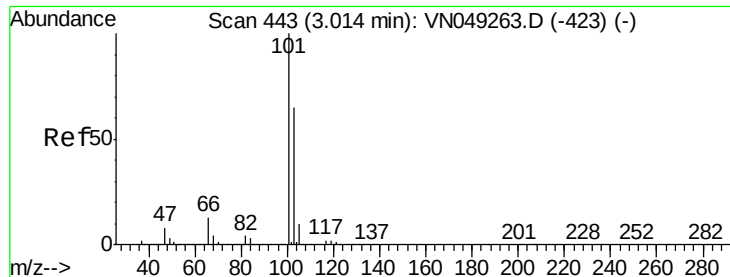
66 31.8 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



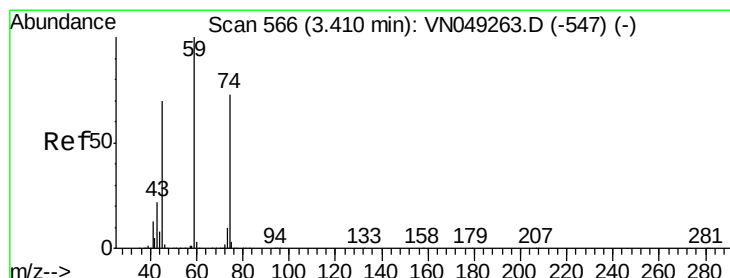
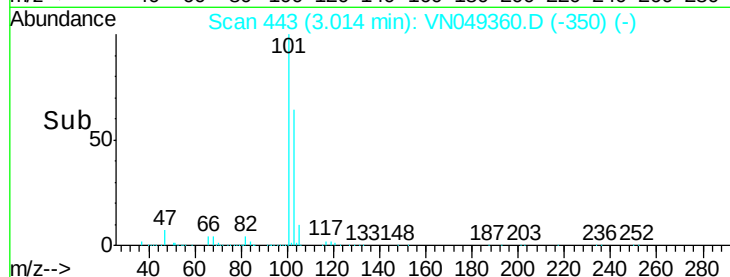
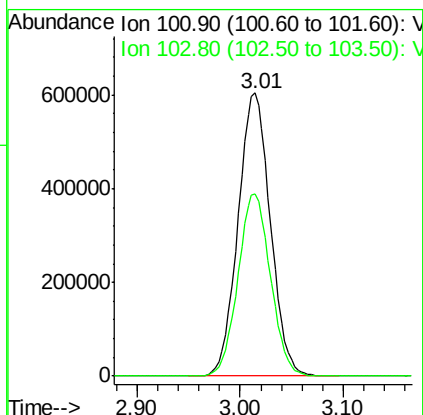
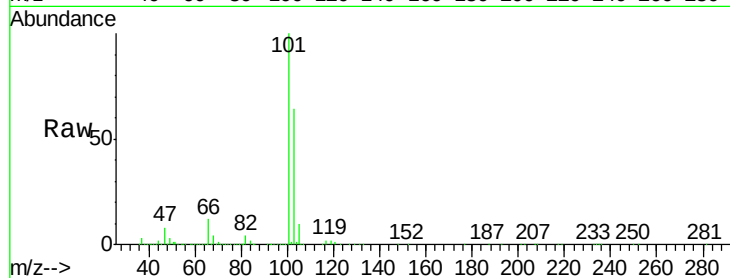


#7

Trichlorofluoromethane
Concen: 47.35 ug/l
RT: 3.01 min Scan# 443
Delta R.T. 0.00 min
Lab File: VN049360.D
Acq: 18 Jun 2018 22:57

Instrument :
MSVOA_N
ClientSampled :

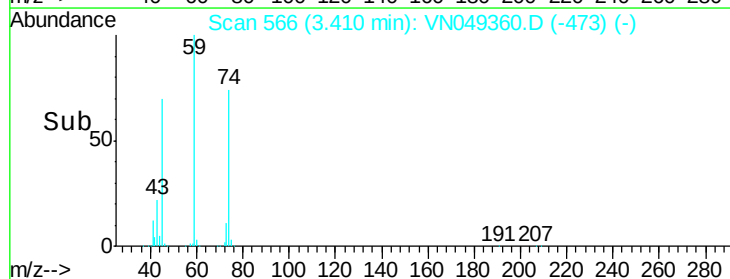
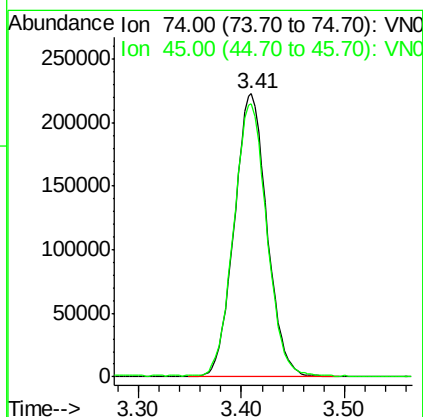
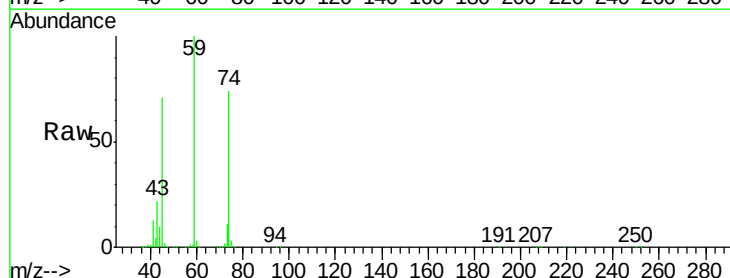
Tot Ion:101 Resp: 1313917
Ion Ratio Lower Upper
101 100
103 64.2 51.7 77.5

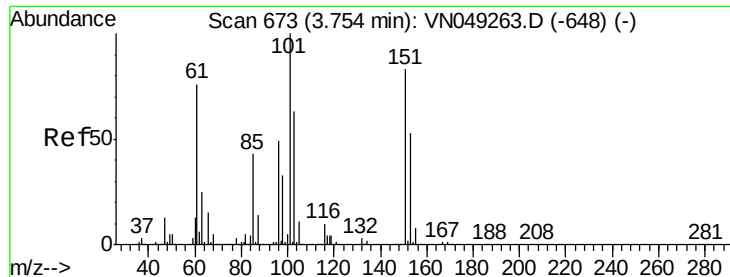


#8

Diethyl Ether
Concen: 50.80 ug/l
RT: 3.41 min Scan# 566
Delta R.T. 0.00 min
Lab File: VN049360.D
Acq: 18 Jun 2018 22:57

Tgt Ion: 74 Resp: 492112
Ion Ratio Lower Upper
74 100
45 96.8 51.9 155.8

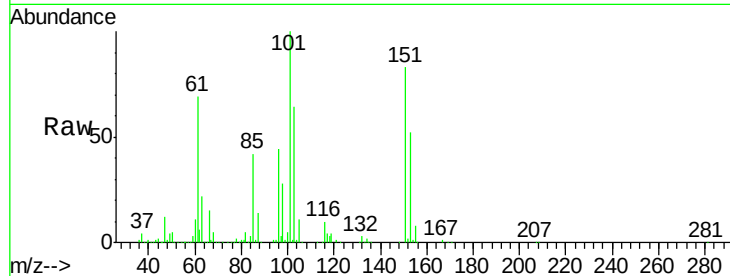




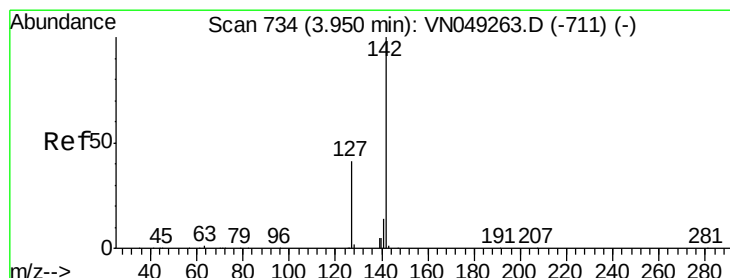
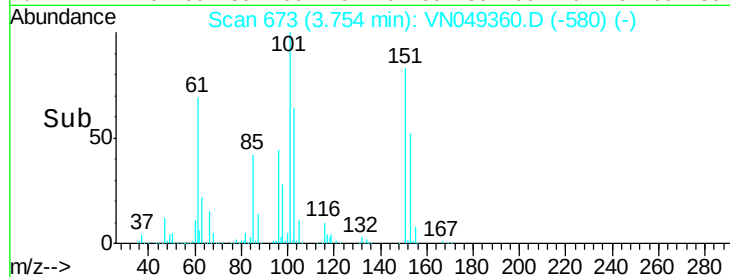
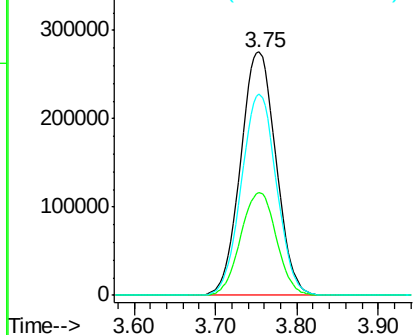
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 46.86 ug/l
 RT: 3.75 min Scan# 673
 Delta R.T. 0.00 min
 Lab File: VN049360.D
 Acq: 18 Jun 2018 22:57

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
101	100		
85	42.7	37.6	56.4
151	82.4	61.1	91.7

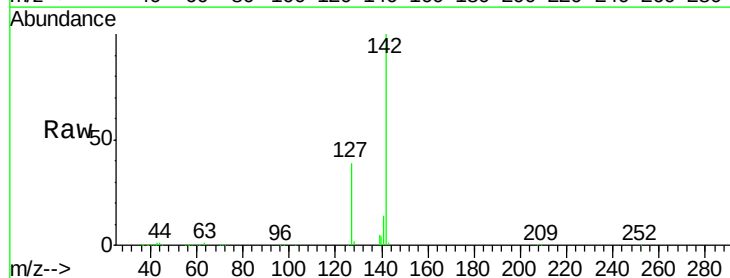


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

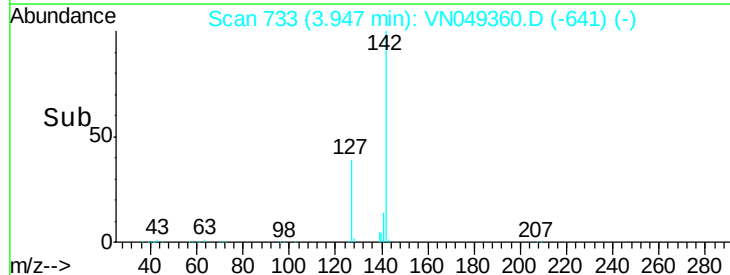
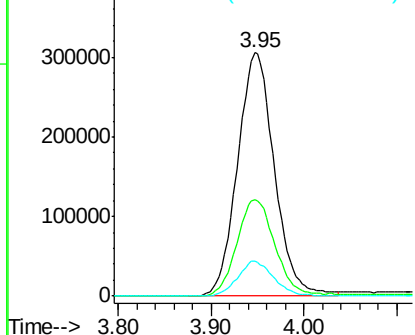


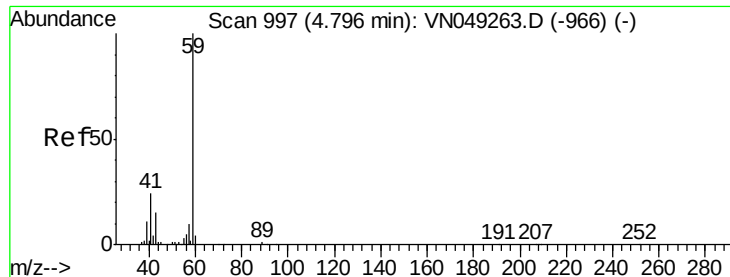
#10
 Methyl Iodide
 Concen: 46.06 ug/l
 RT: 3.95 min Scan# 733
 Delta R.T. -0.00 min
 Lab File: VN049360.D
 Acq: 18 Jun 2018 22:57

Tgt Ion	Ratio	Lower	Upper
142	100		
127	40.8	38.2	57.4
141	14.1	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



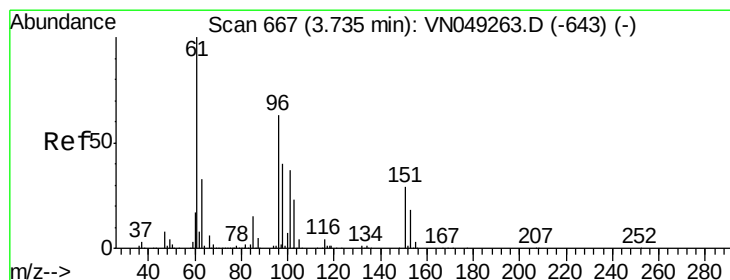
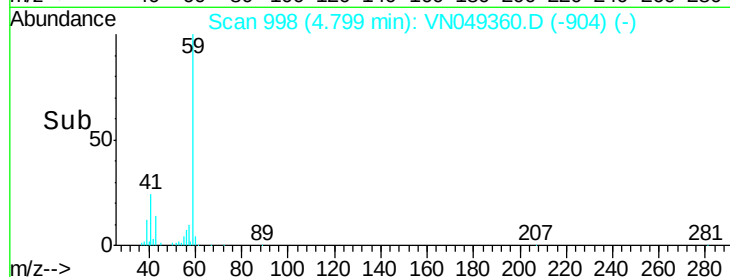
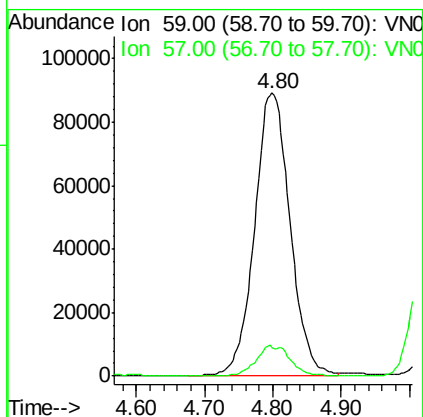
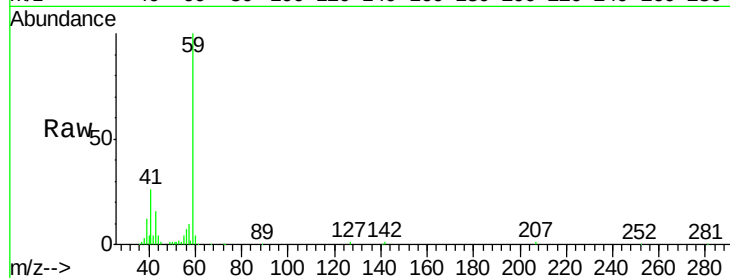


#11

Tert butyl alcohol
 Concen: 295.03 ug/l
 RT: 4.80 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: VN049360.D
 Acq: 18 Jun 2018 22:57

Instrument :
 MSVOA_N
 ClientSampleId :

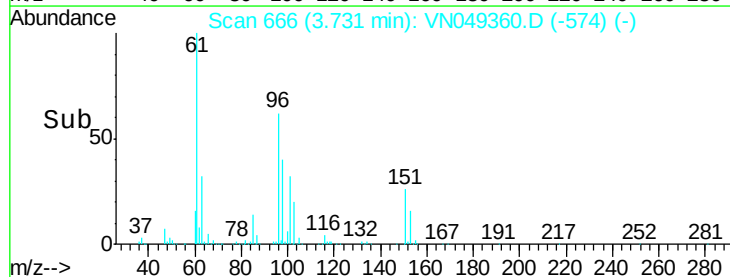
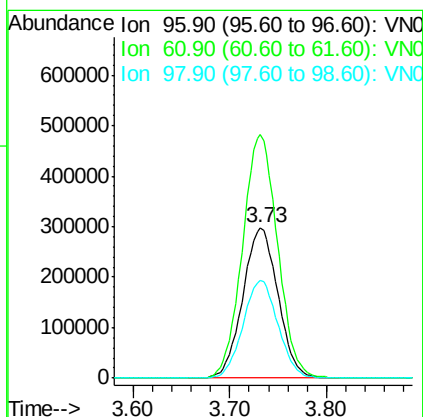
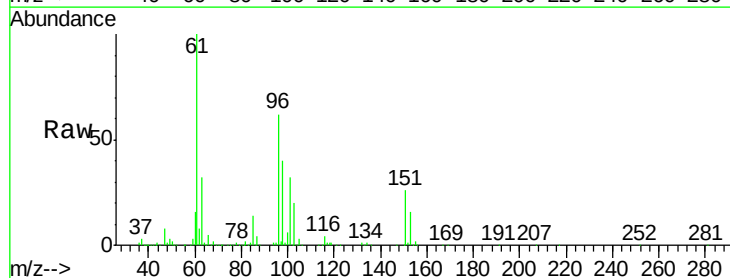
Tot Ion: 59 Resp: 323382
 Ion Ratio Lower Upper
 59 100
 57 6.2 9.0 13.6#

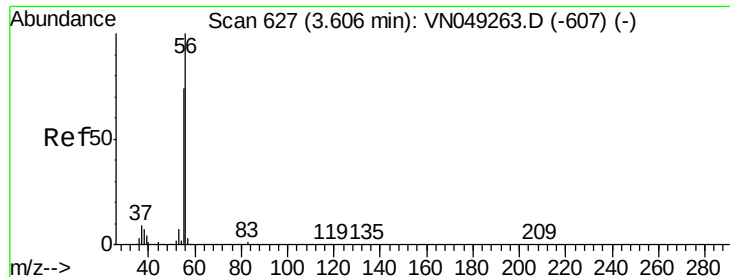


#12

1,1-Dichloroethene
 Concen: 46.42 ug/l
 RT: 3.73 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: VN049360.D
 Acq: 18 Jun 2018 22:57

Tgt Ion: 96 Resp: 749430
 Ion Ratio Lower Upper
 96 100
 61 162.0 141.0 211.4
 98 65.0 50.4 75.6





#13

Acrolein

Concen: 177.07 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN049360.D

Acq: 18 Jun 2018 22:57

Instrument :

MSVOA_N

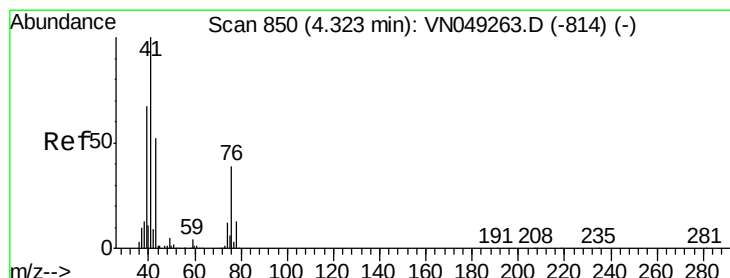
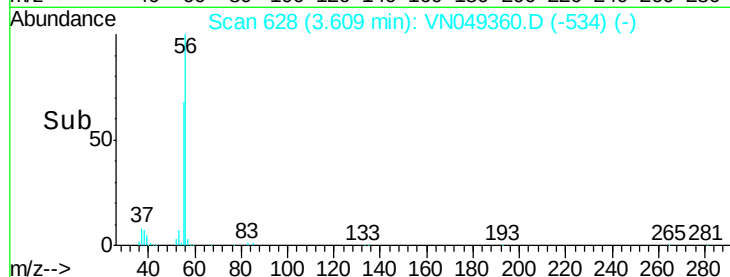
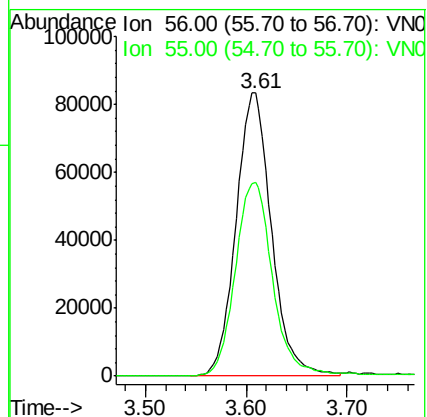
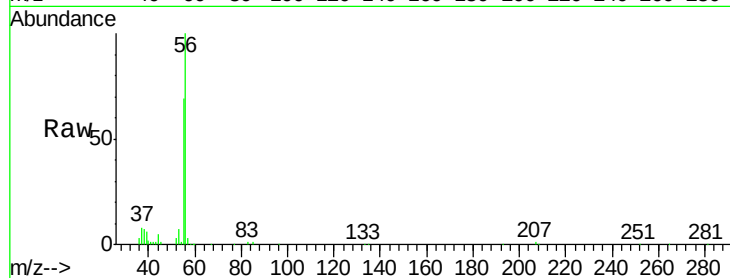
ClientSampleId :

Tot Ion: 56 Resp: 203539

Ion Ratio Lower Upper

56 100

55 71.9 57.1 85.7



#14

Allyl chloride

Concen: 48.74 ug/l

RT: 4.32 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN049360.D

Acq: 18 Jun 2018 22:57

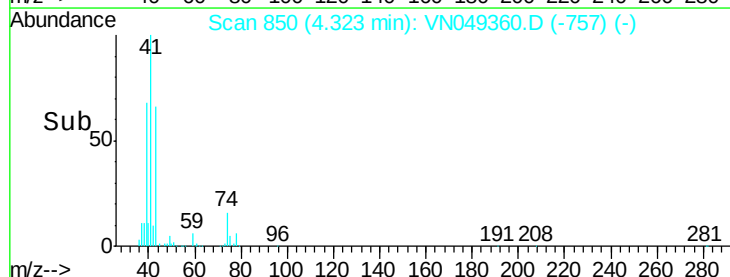
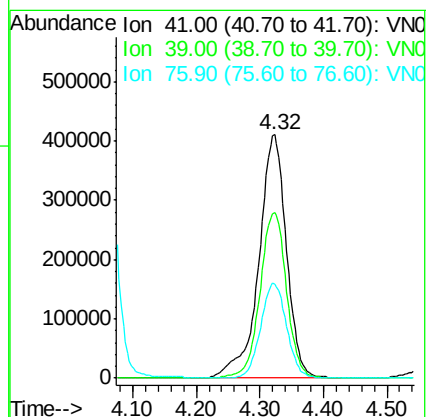
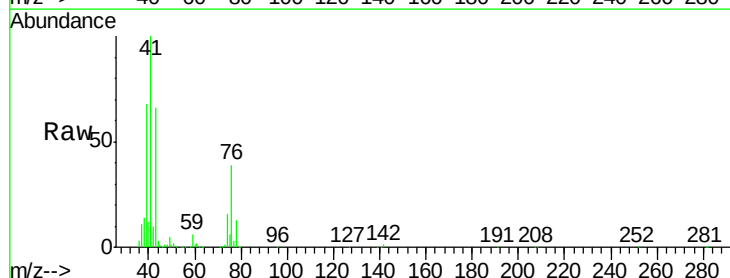
Tgt Ion: 41 Resp: 1242554

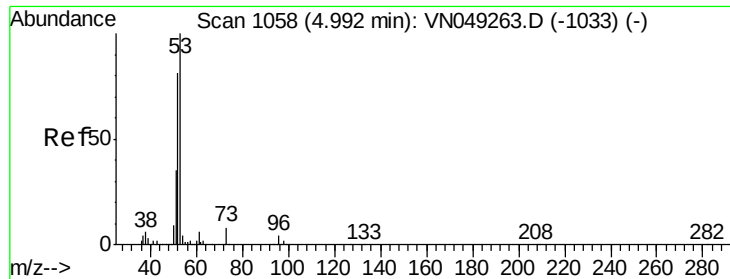
Ion Ratio Lower Upper

41 100

39 65.4 62.5 93.7

76 36.4 27.1 40.7

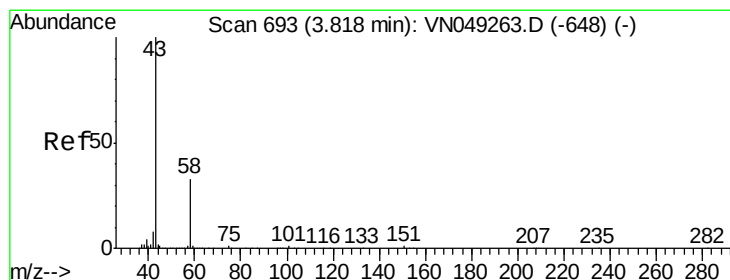
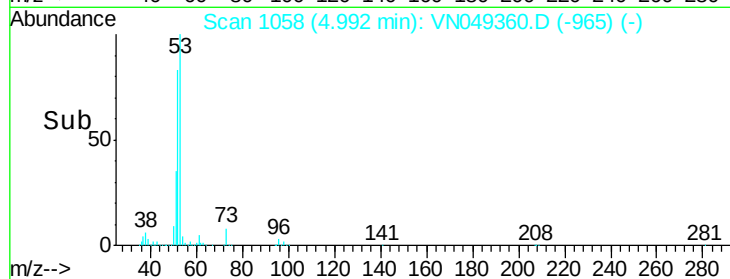
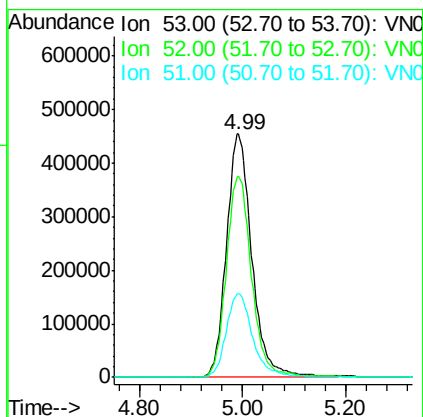
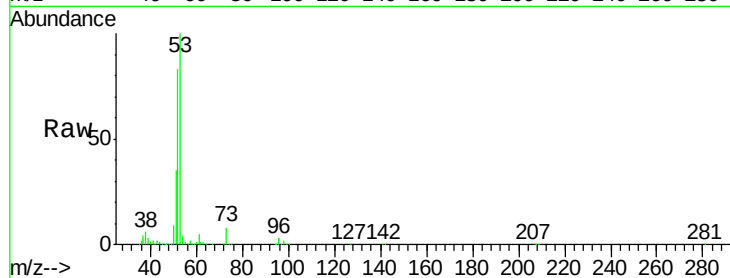




#15
 Acrylonitrile
 Concen: 284.25 ug/l
 RT: 4.99 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: VN049360.D
 Acq: 18 Jun 2018 22:57

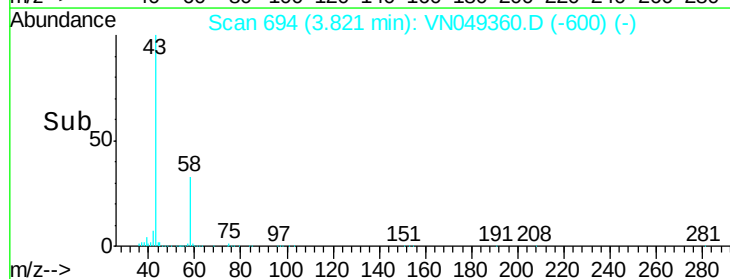
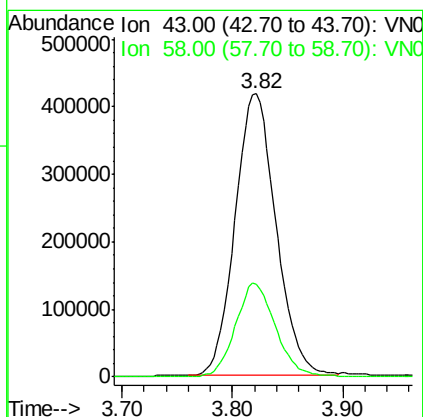
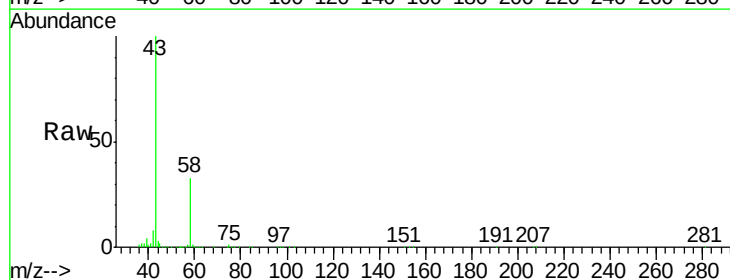
Instrument :
 MSVOA_N
 ClientSampleId :

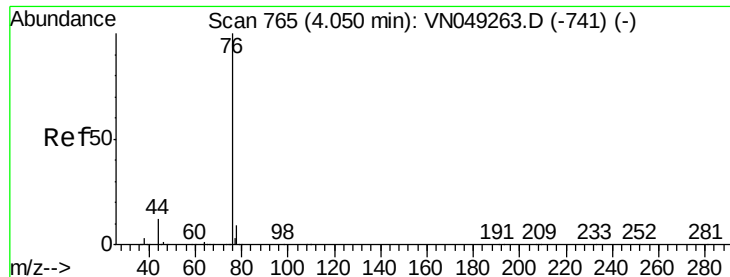
Tot Ion: 53 Resp: 1557913
 Ion Ratio Lower Upper
 53 100
 52 81.7 66.6 100.0
 51 36.0 29.8 44.8



#16
 Acetone
 Concen: 235.61 ug/l
 RT: 3.82 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: VN049360.D
 Acq: 18 Jun 2018 22:57

Tgt Ion: 43 Resp: 1068330
 Ion Ratio Lower Upper
 43 100
 58 32.7 22.4 33.6

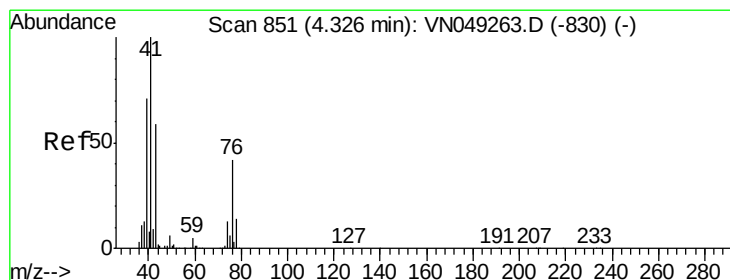
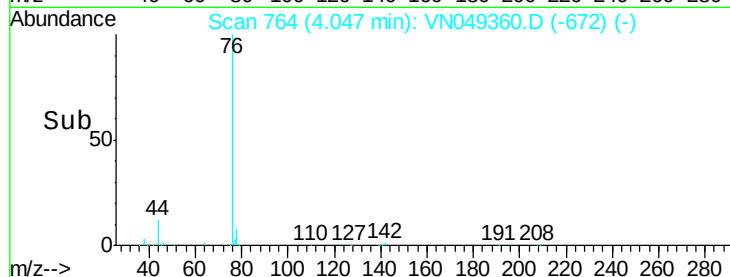
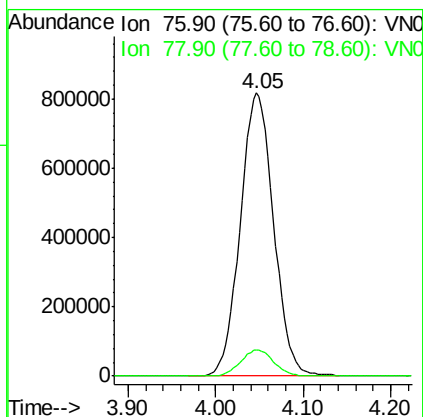
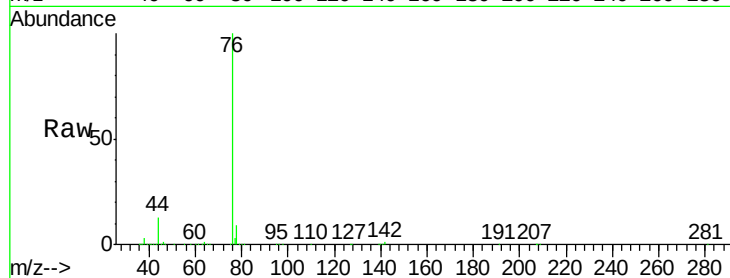




#17
Carbon Disulfide
Concen: 42.57 ug/l
RT: 4.05 min Scan# 764
Delta R.T. -0.00 min
Lab File: VN049360.D
Acq: 18 Jun 2018 22:57

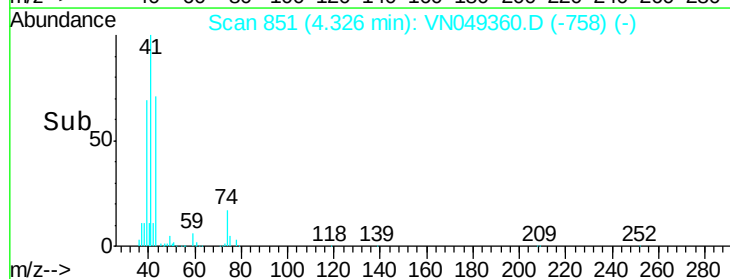
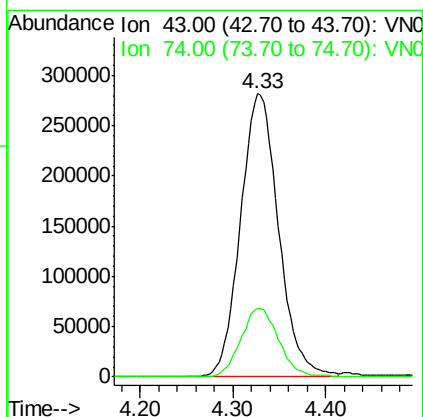
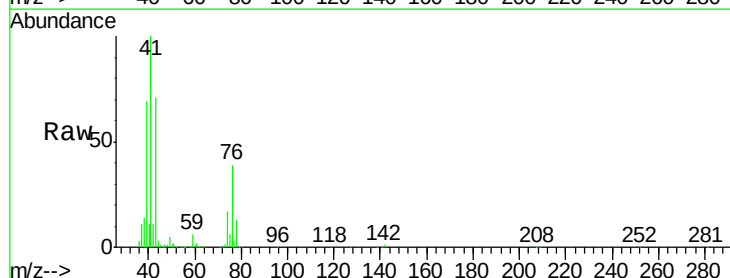
Instrument :
MSVOA_N
ClientSampleId :

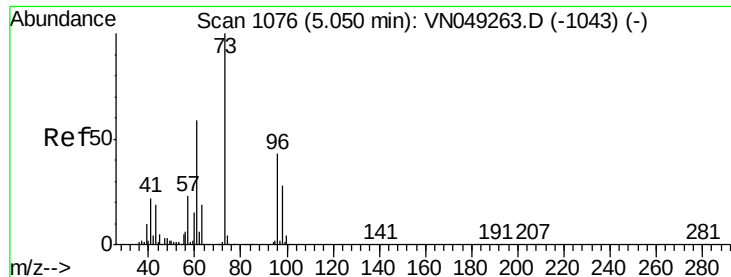
Tot Ion: 76 Resp: 2154009
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 57.75 ug/l
RT: 4.33 min Scan# 851
Delta R.T. 0.00 min
Lab File: VN049360.D
Acq: 18 Jun 2018 22:57

Tgt Ion: 43 Resp: 798393
Ion Ratio Lower Upper
43 100
74 24.3 17.4 26.0

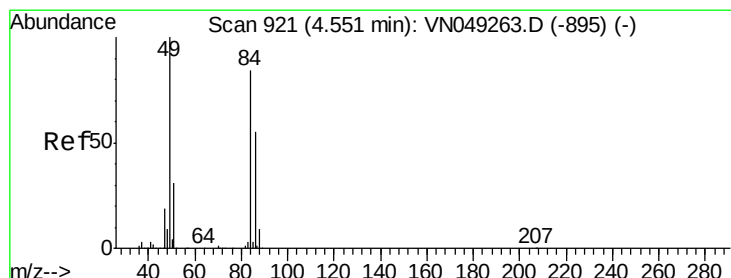
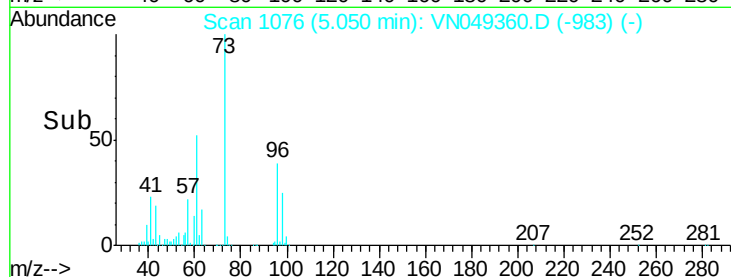
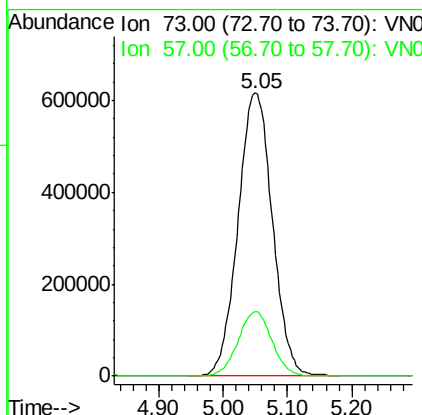
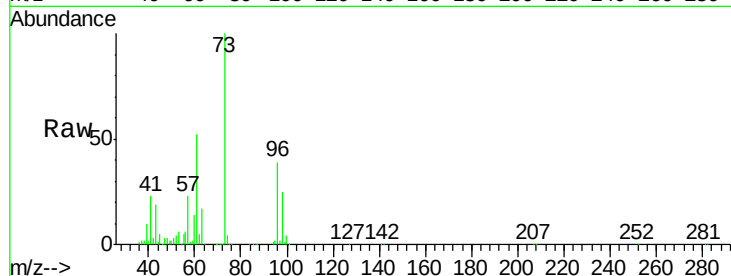




#19
Methvl tert-butvl Ether
Concen: 55.63 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VN049360.D
Acq: 18 Jun 2018 22:57

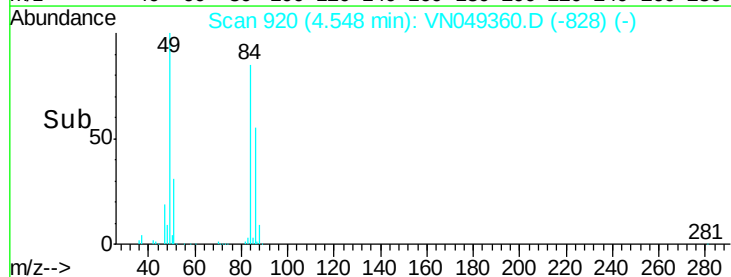
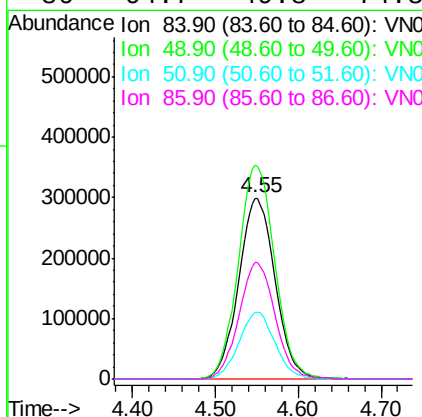
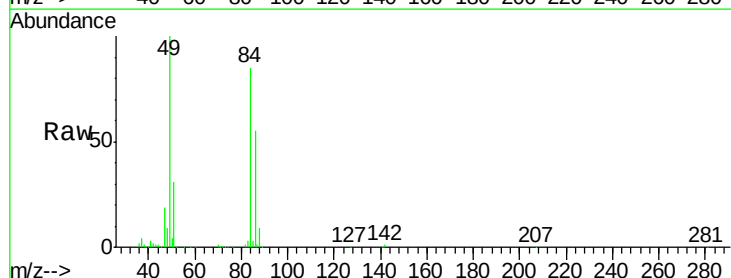
Instrument :
MSVOA_N
ClientSampleId :

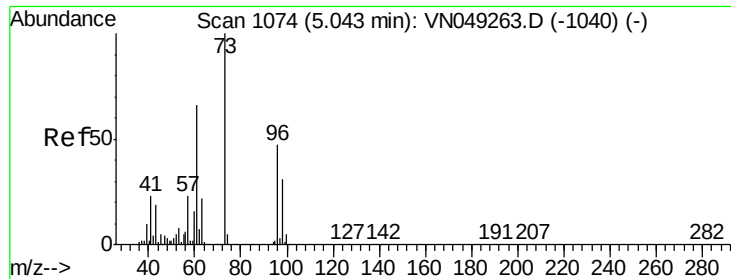
Tot Ion: 73 Resp: 2289985
Ion Ratio Lower Upper
73 100
57 22.6 18.2 27.4



#20
Methylene Chloride
Concen: 48.14 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049360.D
Acq: 18 Jun 2018 22:57

Tgt Ion: 84 Resp: 911623
Ion Ratio Lower Upper
84 100
49 118.2 106.9 160.3
51 36.9 32.7 49.1
86 64.7 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 48.31 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VN049360.D

Acq: 18 Jun 2018 22:57

Instrument :

MSVOA_N

ClientSampled :

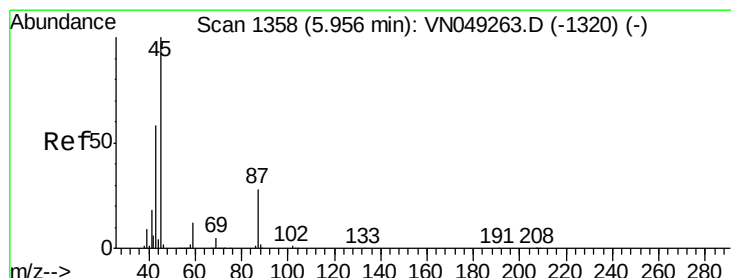
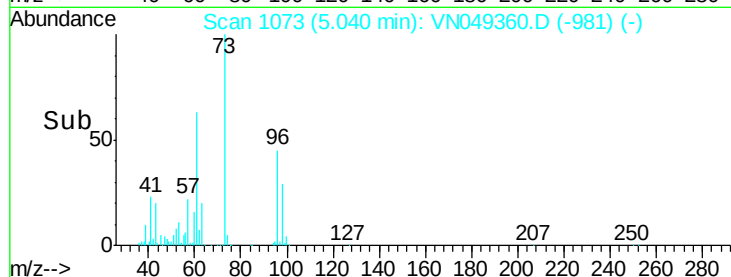
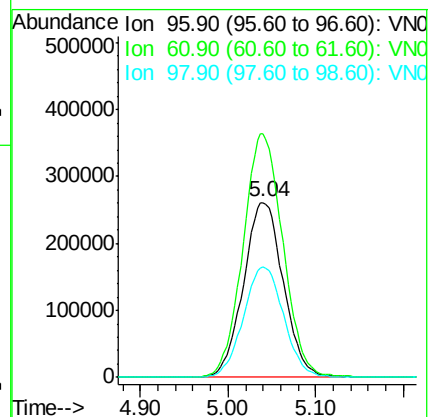
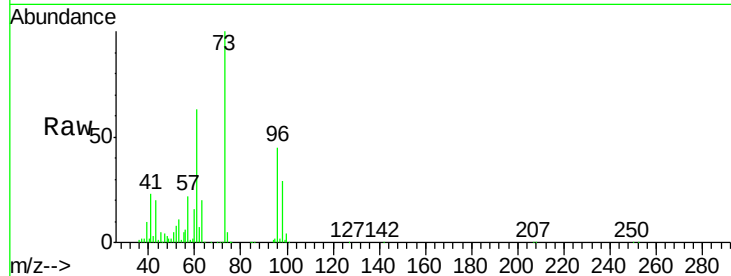
Tot Ion: 96 Resp: 825671

Ion Ratio Lower Upper

96 100

61 139.1 121.3 181.9

98 63.1 52.0 78.0



#22

Diisopropyl ether

Concen: 53.12 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VN049360.D

Acq: 18 Jun 2018 22:57

Tgt Ion: 45 Resp: 2704218

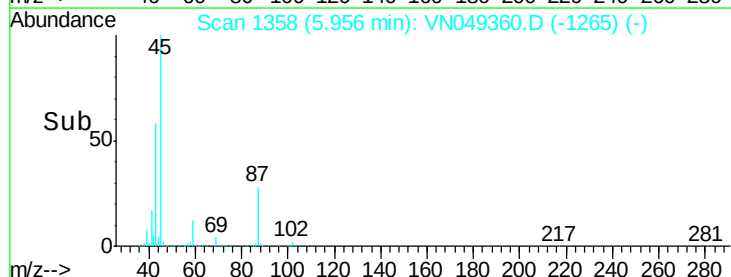
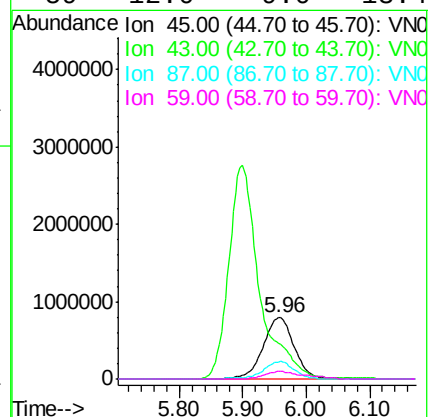
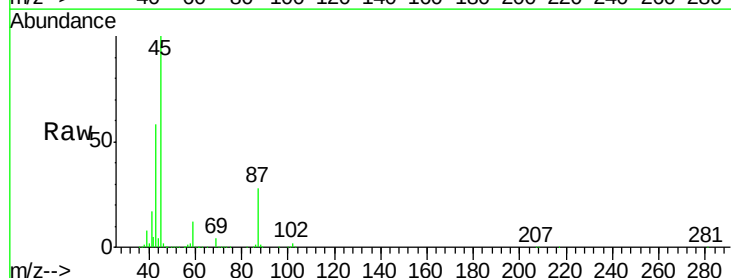
Ion Ratio Lower Upper

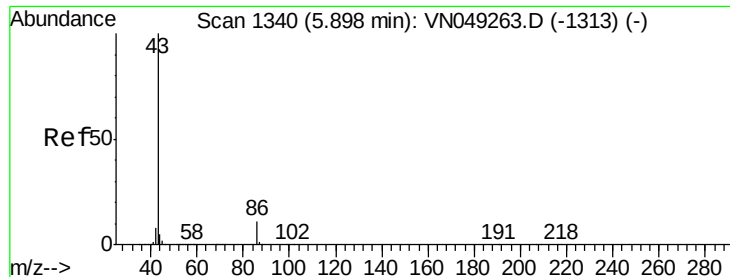
45 100

43 57.8 48.6 72.8

87 27.7 20.2 30.2

59 12.0 9.0 13.4

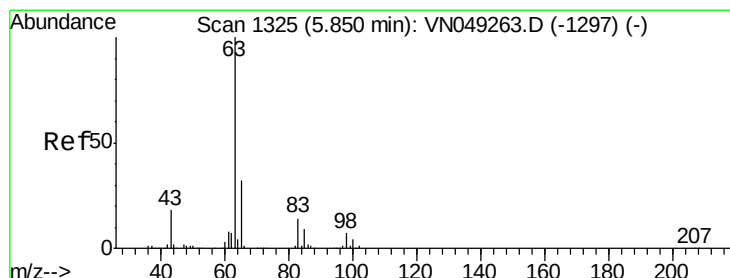
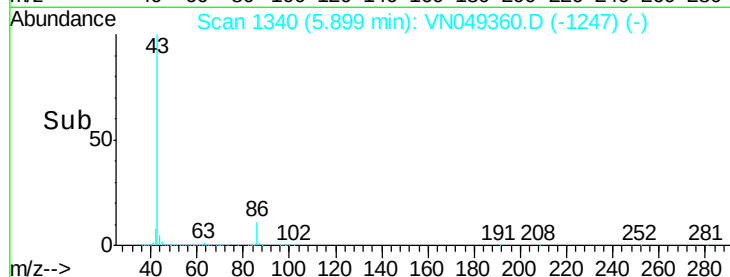
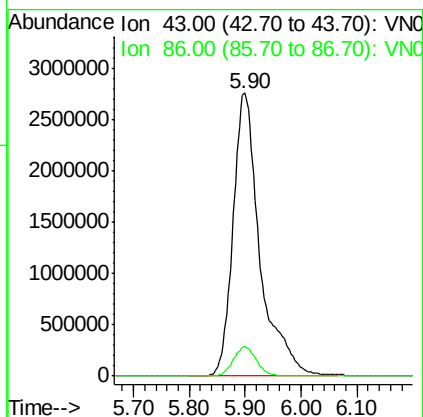
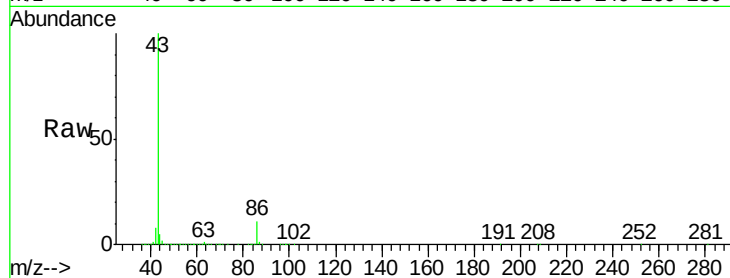




#23
 Vinyl Acetate
 Concen: 279.69 ug/l
 RT: 5.90 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VN049360.D
 Acq: 18 Jun 2018 22:57

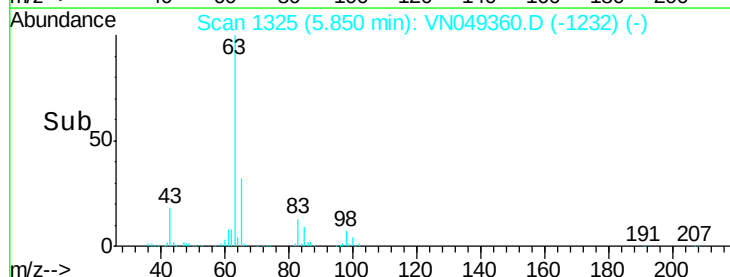
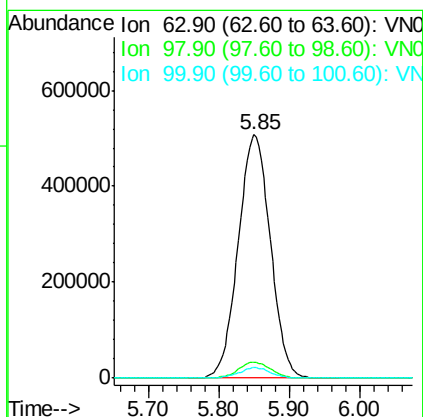
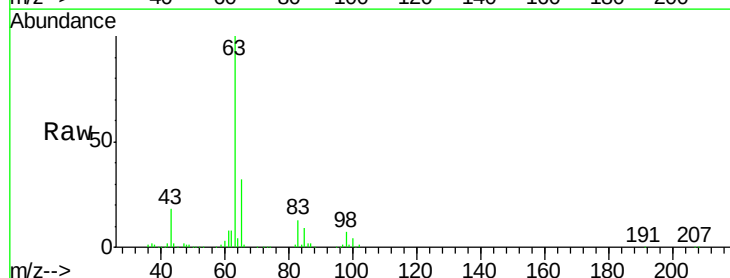
Instrument :
 MSVOA_N
 ClientSampled :

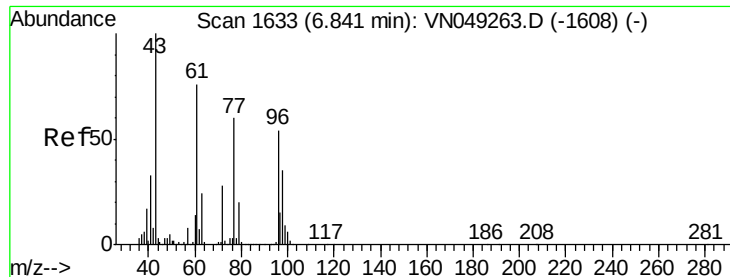
Tot Ion: 43 Resp: 9281716
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.2 10.8



#24
 1,1-Dichloroethane
 Concen: 49.47 ug/l
 RT: 5.85 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: VN049360.D
 Acq: 18 Jun 2018 22:57

Tgt Ion: 63 Resp: 1611896
 Ion Ratio Lower Upper
 63 100
 98 6.7 2.9 8.8
 100 4.4 2.1 6.3





#25

2-Butanone

Concen: 279.46 ug/l

RT: 6.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VN049360.D

Acq: 18 Jun 2018 22:57

Instrument :

MSVOA_N

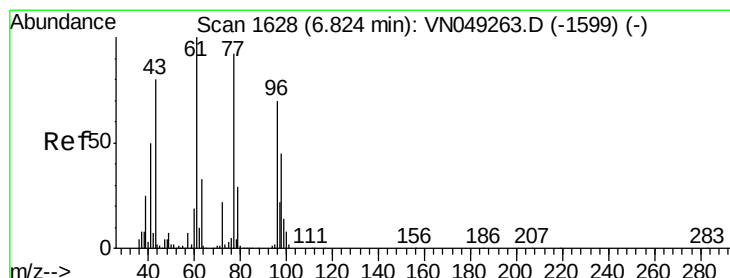
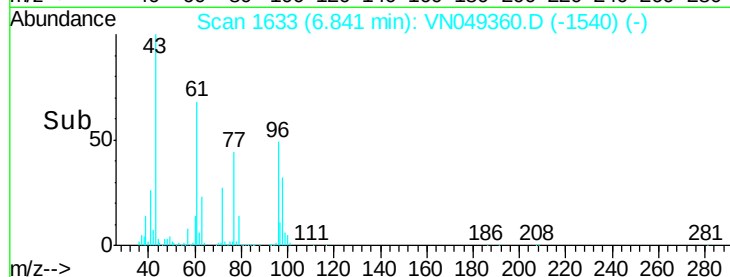
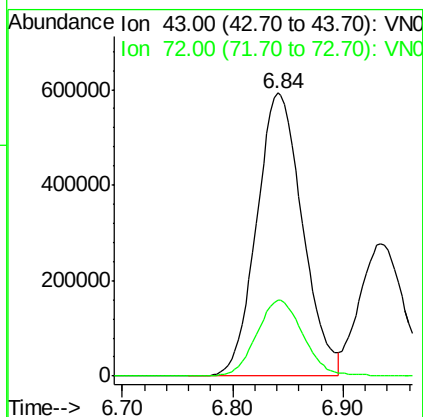
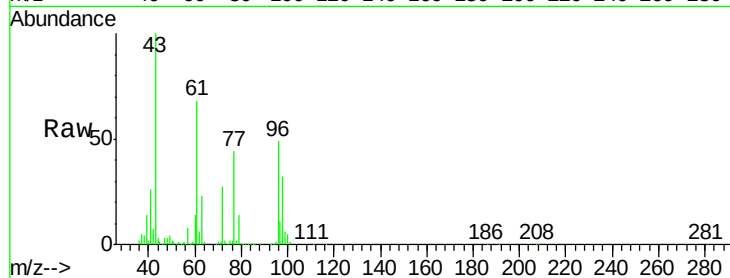
ClientSampleId :

Tot Ion: 43 Resp: 1701536

Ion Ratio Lower Upper

43 100

72 26.9 20.2 30.2



#26

2,2-Dichloropropane

Concen: 38.86 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VN049360.D

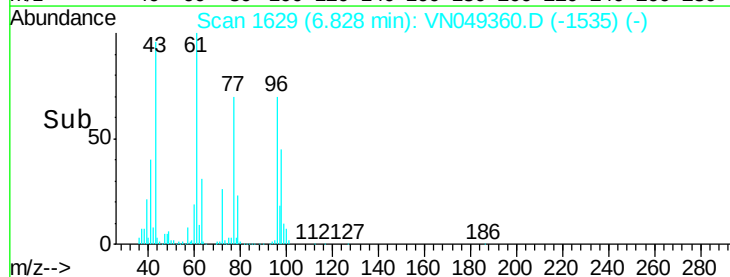
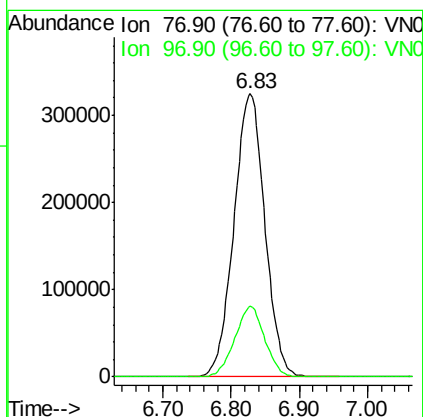
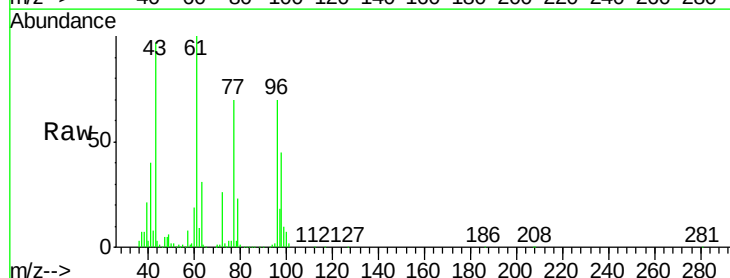
Acq: 18 Jun 2018 22:57

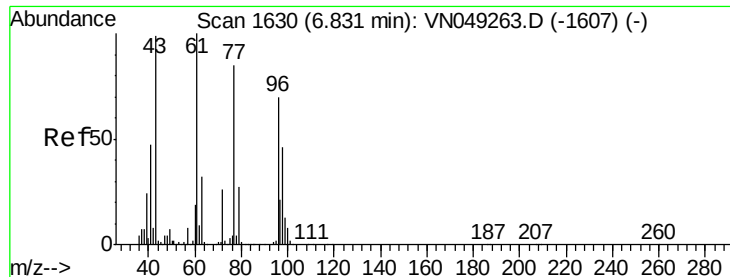
Tgt Ion: 77 Resp: 1022438

Ion Ratio Lower Upper

77 100

97 24.2 11.0 33.0





#27

cis-1,2-Dichloroethene

Concen: 49.63 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN049360.D

Acq: 18 Jun 2018 22:57

Instrument :
MSVOA_N
ClientSampleId :

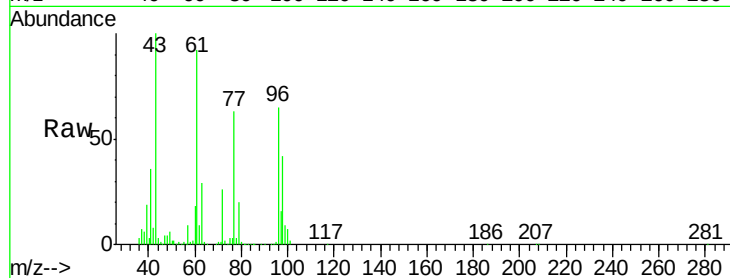
Tot Ion: 96 Resp: 943145

Ion Ratio Lower Upper

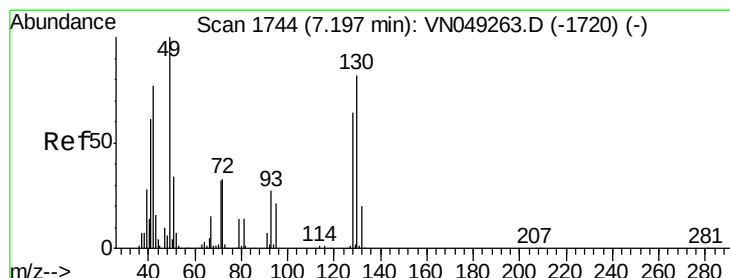
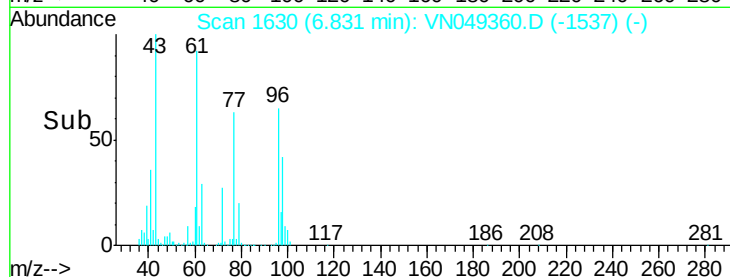
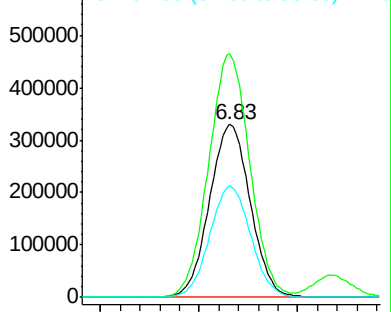
96 100

61 142.5 0.0 316.4

98 64.6 0.0 128.4



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



#28

Bromochloromethane

Concen: 51.74 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN049360.D

Acq: 18 Jun 2018 22:57

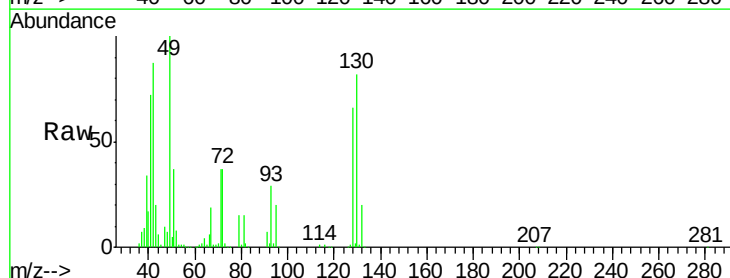
Tgt Ion: 49 Resp: 747375

Ion Ratio Lower Upper

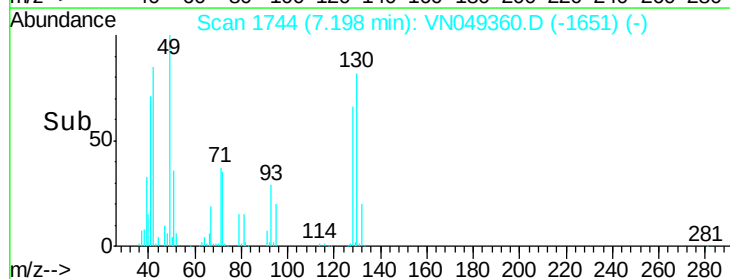
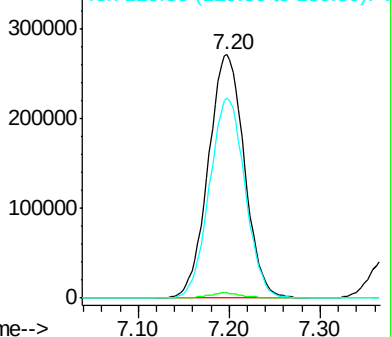
49 100

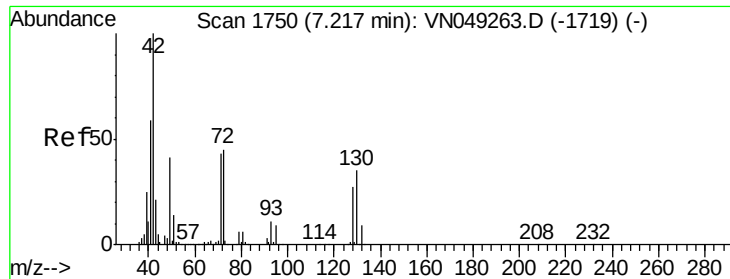
129 2.0 0.0 3.8

130 81.1 54.9 82.3



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





#29

Tetrahydrofuran

Concen: 293.07 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN049360.D

Acq: 18 Jun 2018 22:57

Instrument :

MSVOA_N

ClientSampleId :

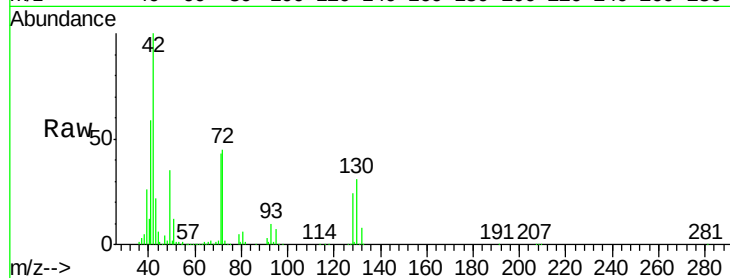
Tot Ion: 42 Resp: 1148626

Ion Ratio Lower Upper

42 100

72 44.1 32.2 48.4

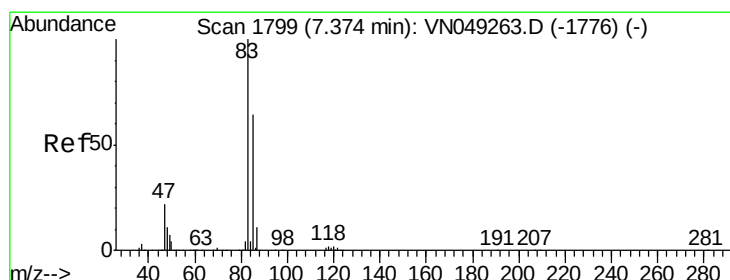
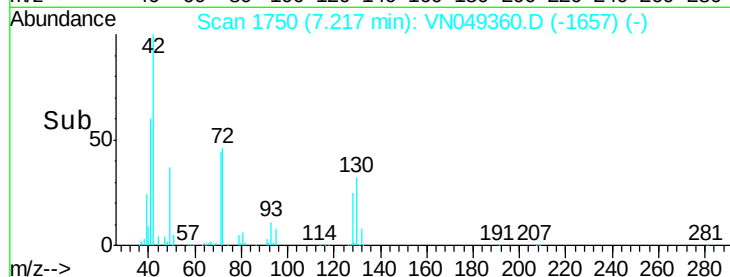
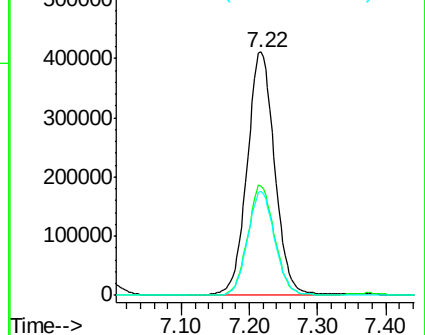
71 42.3 30.5 45.7



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: 50.20 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN049360.D

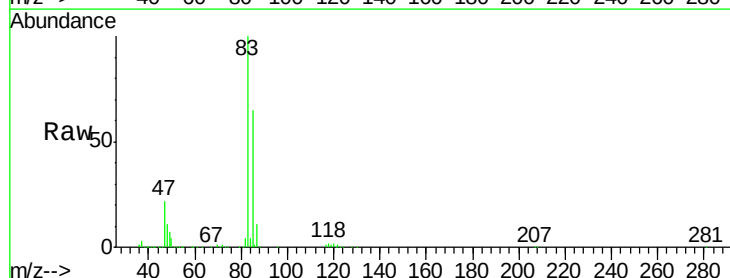
Acq: 18 Jun 2018 22:57

Tgt Ion: 83 Resp: 1627825

Ion Ratio Lower Upper

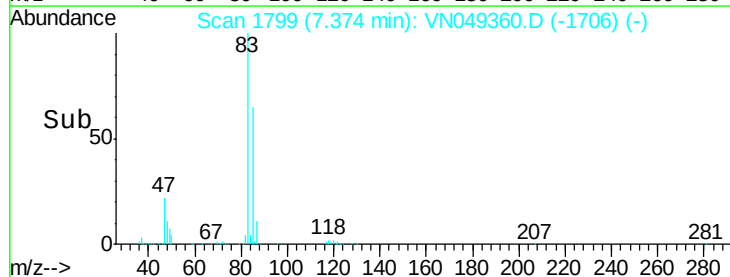
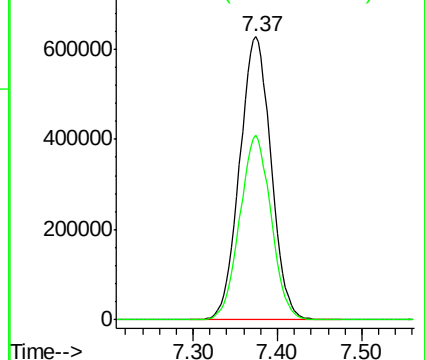
83 100

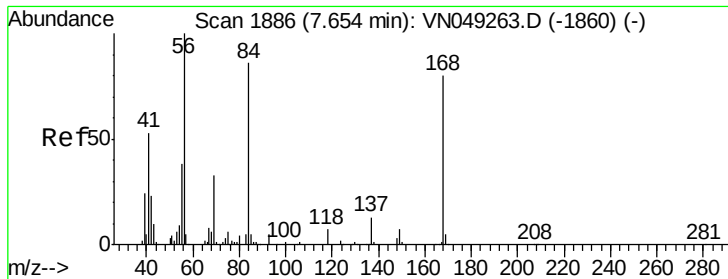
85 65.3 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

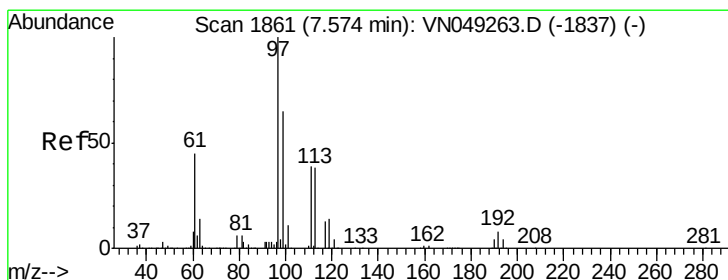
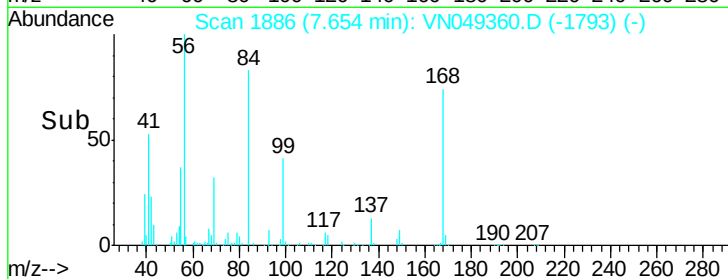
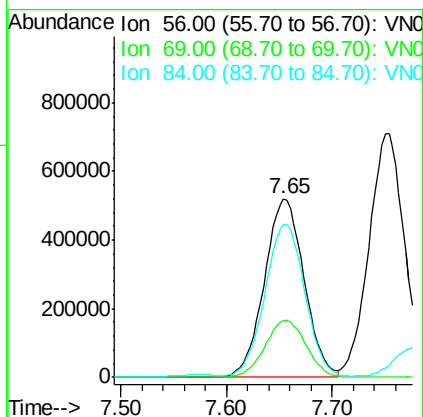
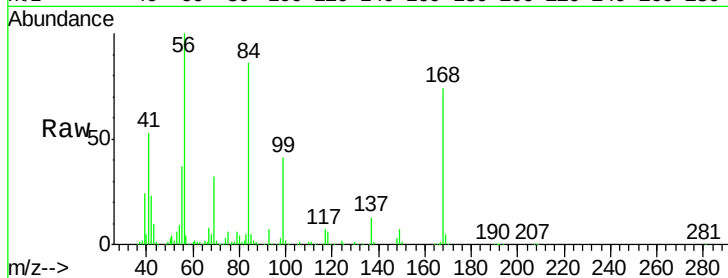




#31
Cyclohexane
Concen: 49.24 ug/l
RT: 7.65 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VN049360.D
Acq: 18 Jun 2018 22:57

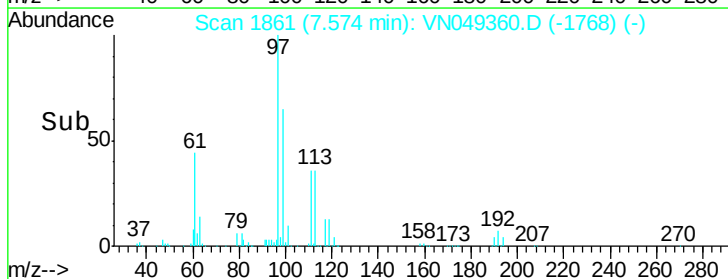
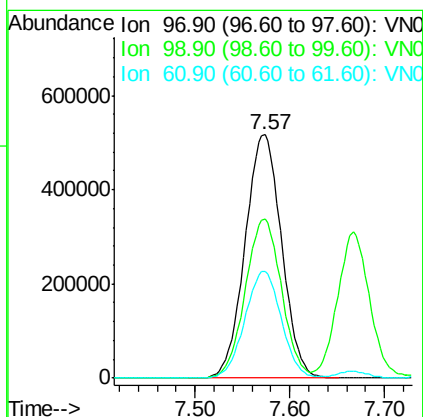
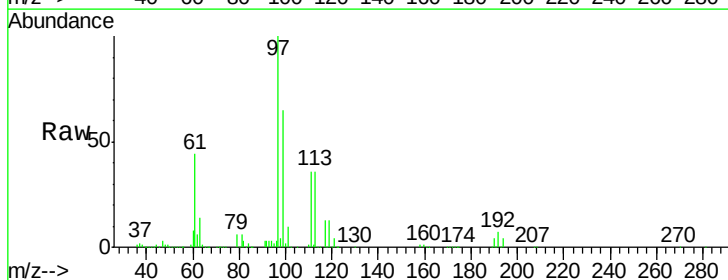
Instrument :
MSVOA_N
ClientSampled :

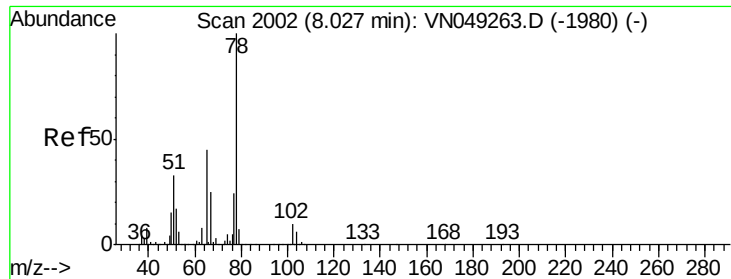
Tot Ion: 56 Resp: 1360168
Ion Ratio Lower Upper
56 100
69 31.9 25.0 37.4
84 84.4 64.6 96.8



#32
1,1,1-Trichloroethane
Concen: 50.09 ug/l
RT: 7.57 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN049360.D
Acq: 18 Jun 2018 22:57

Tgt Ion: 97 Resp: 1385731
Ion Ratio Lower Upper
97 100
99 64.9 50.5 75.7
61 43.7 37.9 56.9

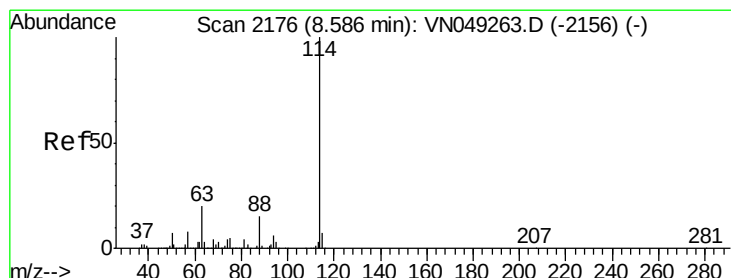
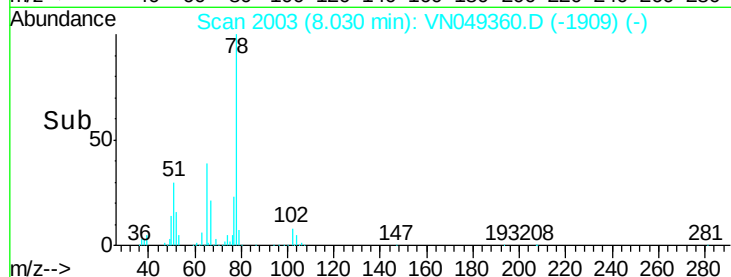
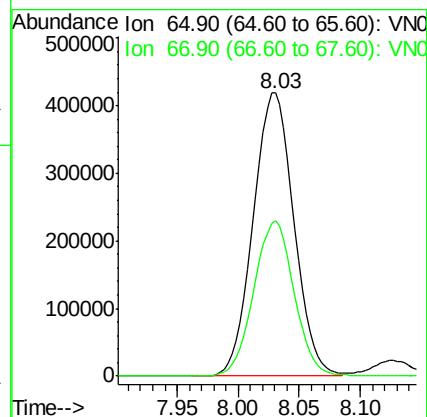
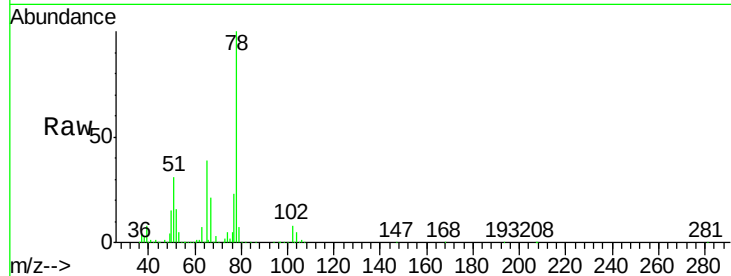




#33
 1,2-Dichloroethane-d4
 Concen: 51.79 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049360.D
 Acq: 18 Jun 2018 22:57

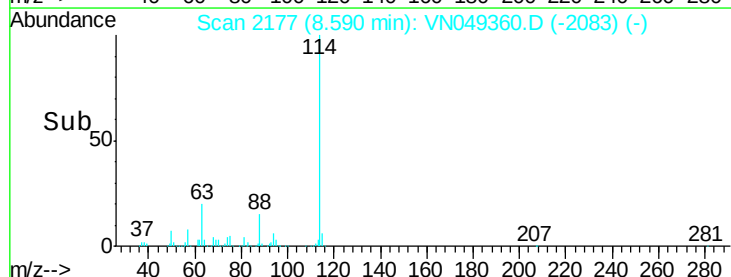
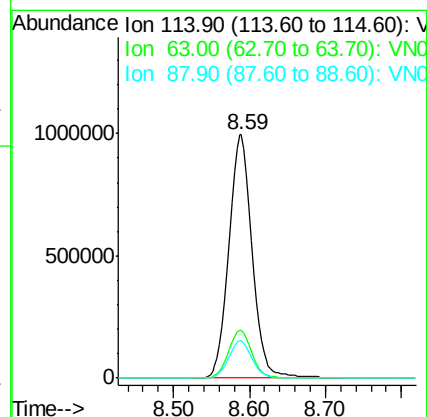
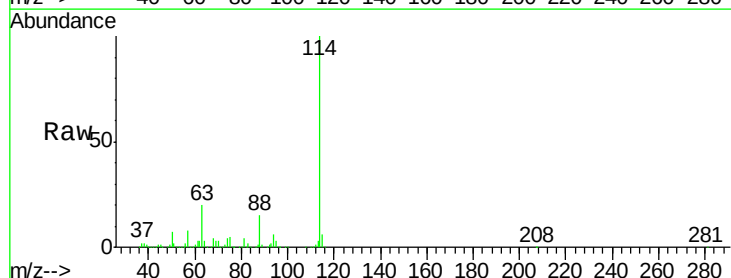
Instrument :
 MSVOA_N
 ClientSampleId :

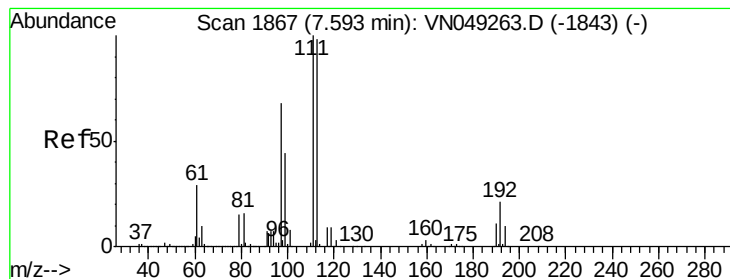
Tot Ion: 65 Resp: 967126
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049360.D
 Acq: 18 Jun 2018 22:57

Tgt Ion: 114 Resp: 2129229
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 44.4
 88 15.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.77 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049360.D

Acq: 18 Jun 2018 22:57

Instrument :

MSVOA_N

ClientSampleId :

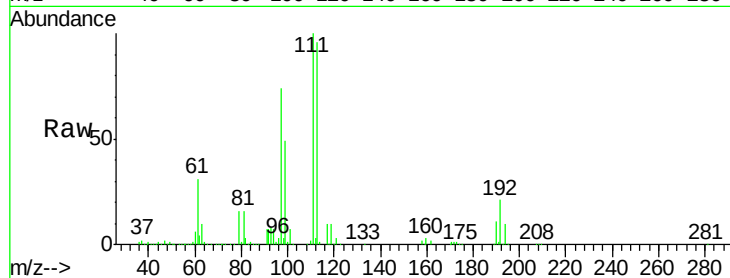
Tot Ion:113 Resp: 857344

Ion Ratio Lower Upper

113 100

111 102.0 82.4 123.6

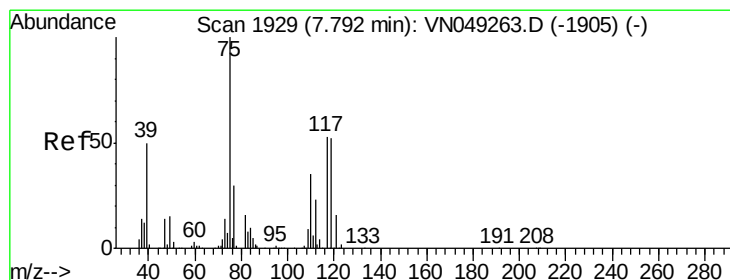
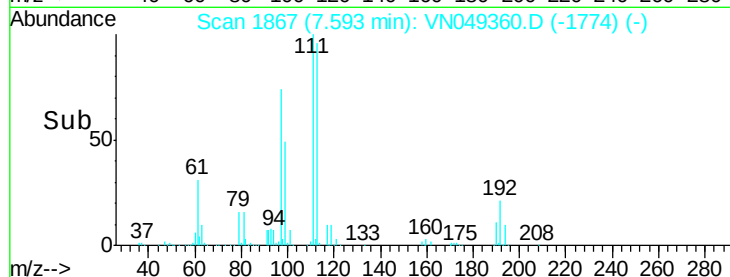
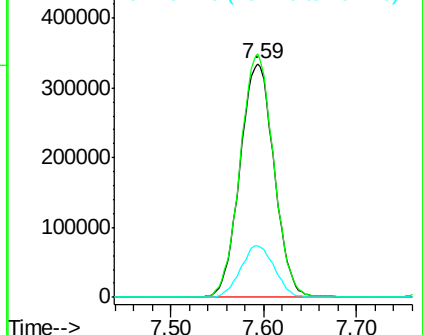
192 21.9 15.0 22.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.63 ug/l

RT: 7.79 min Scan# 1929

Delta R.T. 0.00 min

Lab File: VN049360.D

Acq: 18 Jun 2018 22:57

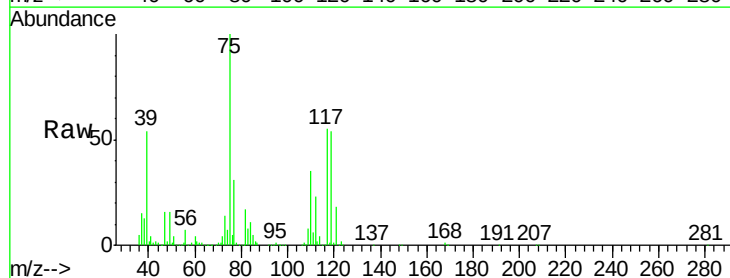
Tgt Ion: 75 Resp: 1211122

Ion Ratio Lower Upper

75 100

110 36.2 17.0 50.9

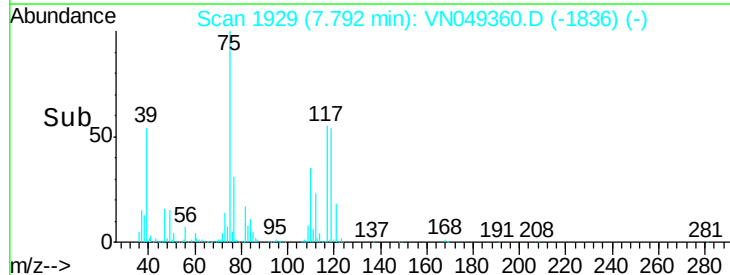
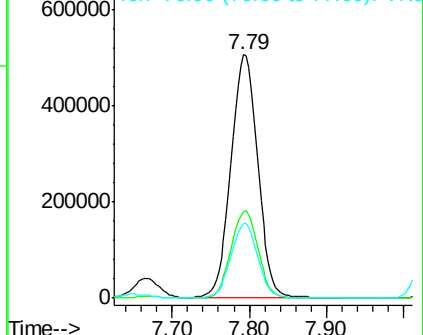
77 30.6 24.4 36.6

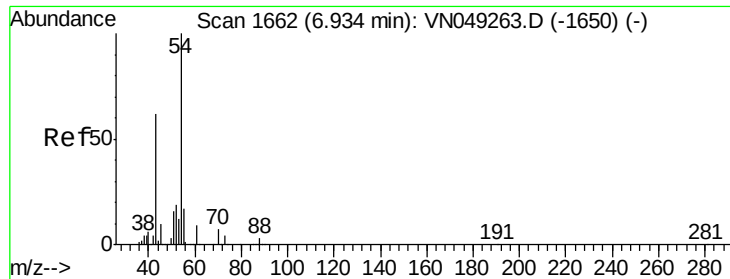


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

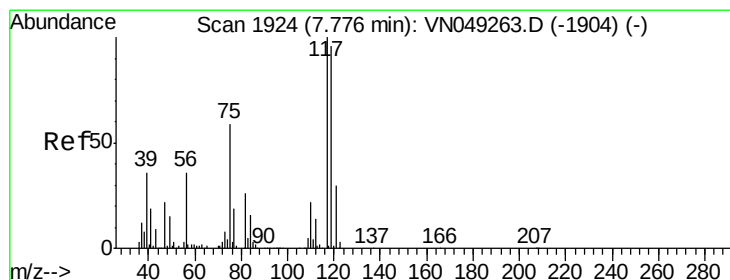
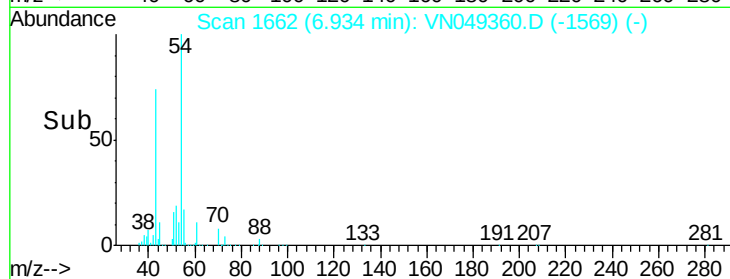
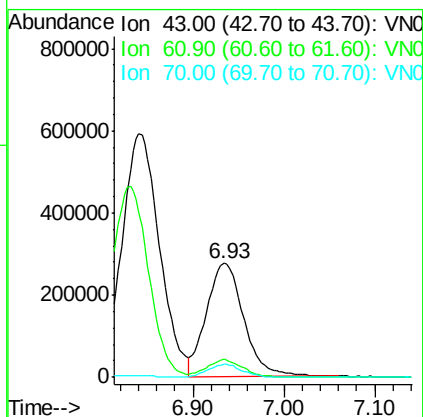
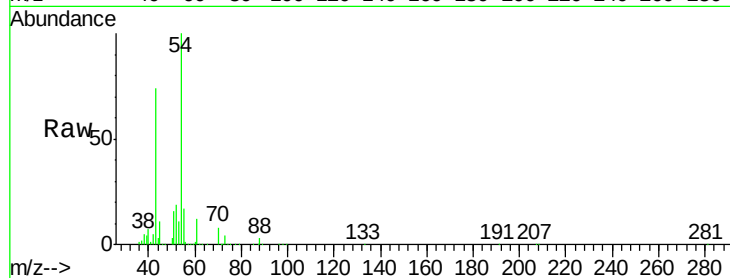




#37
Ethyl Acetate
Concen: 59.36 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN049360.D
Acq: 18 Jun 2018 22:57

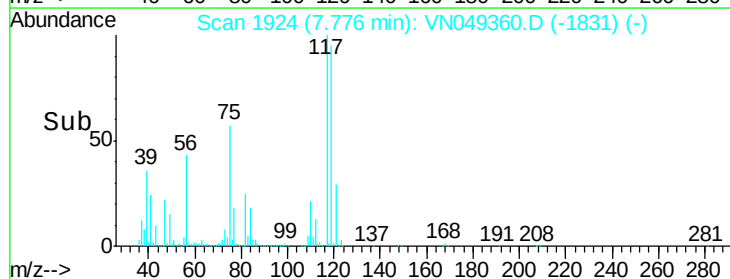
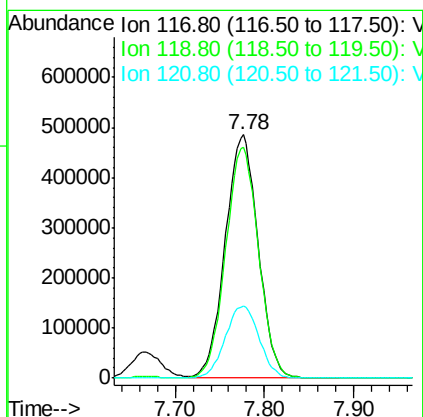
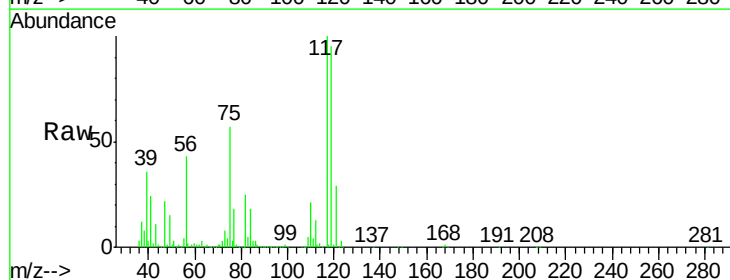
Instrument :
MSVOA_N
ClientSampled :

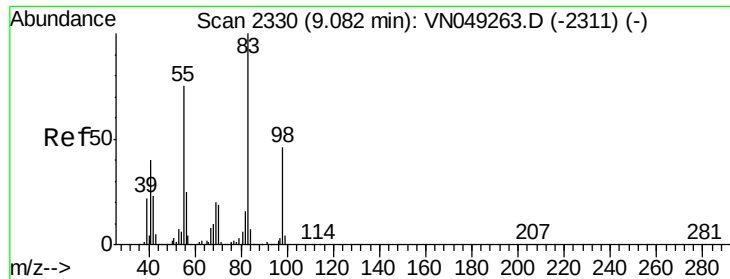
Tot Ion: 43 Resp: 787525
Ion Ratio Lower Upper
43 100
61 14.6 11.0 16.4
70 10.5 7.2 10.8



#38
Carbon Tetrachloride
Concen: 48.94 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VN049360.D
Acq: 18 Jun 2018 22:57

Tgt Ion: 117 Resp: 1236312
Ion Ratio Lower Upper
117 100
119 95.0 75.6 113.4
121 29.5 24.7 37.1

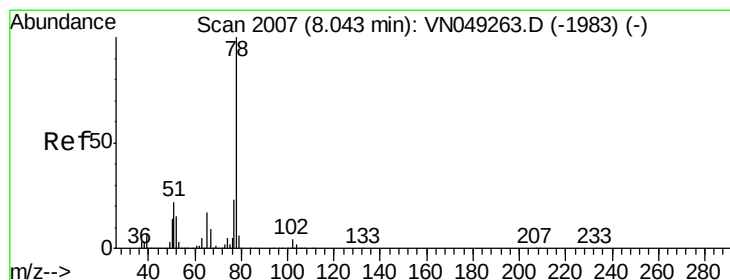
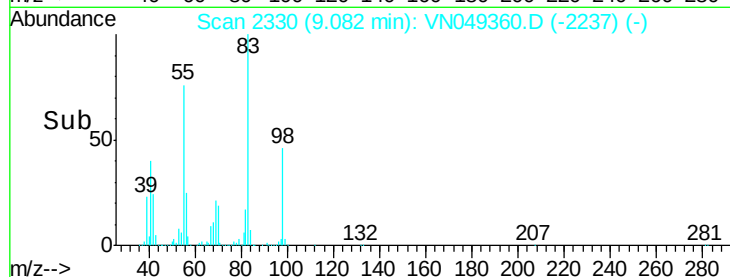
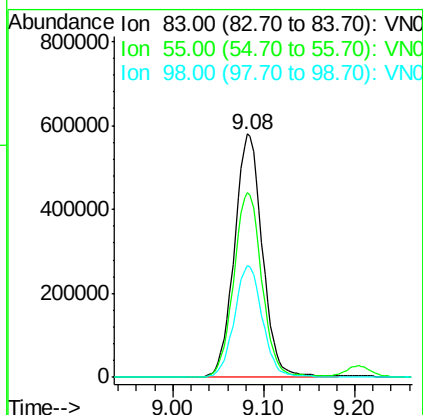
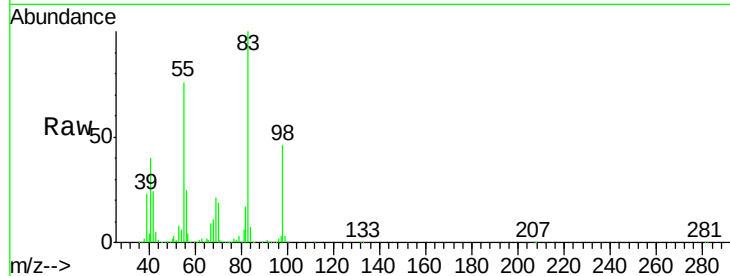




#39
Methylcyclohexane
Concen: 47.46 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049360.D
Acq: 18 Jun 2018 22:57

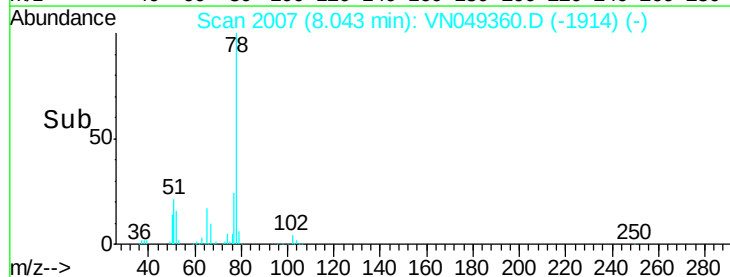
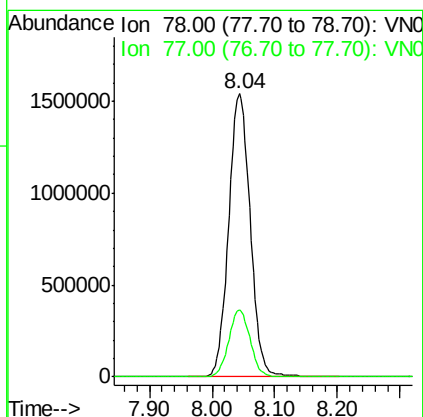
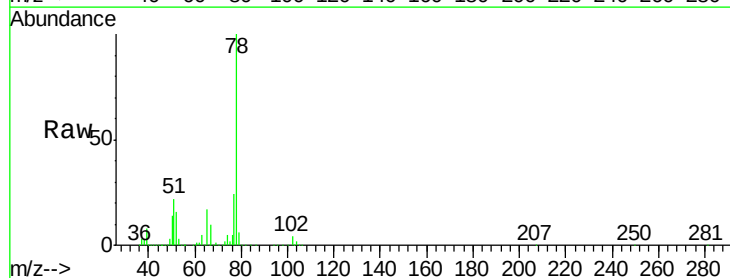
Instrument :
MSVOA_N
ClientSampleId :

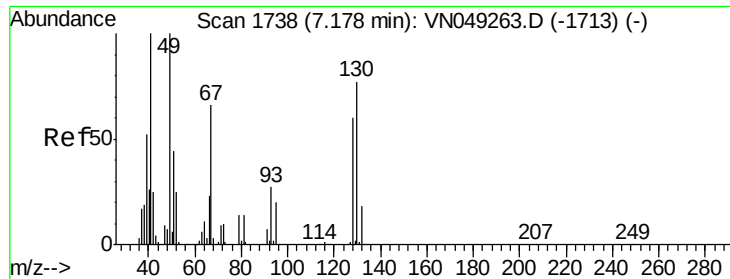
Tot Ion: 83 Resp: 1243181
Ion Ratio Lower Upper
83 100
55 76.1 65.1 97.7
98 45.9 36.5 54.7



#40
Benzene
Concen: 49.02 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN049360.D
Acq: 18 Jun 2018 22:57

Tgt Ion: 78 Resp: 3667715
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.0

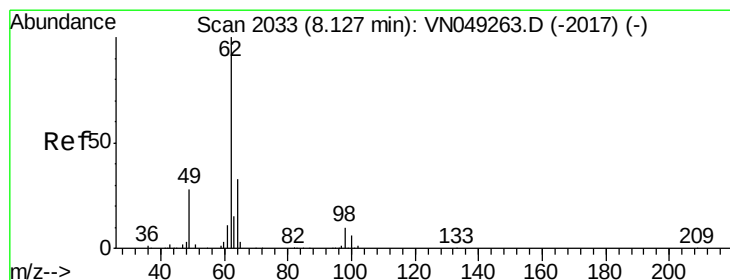
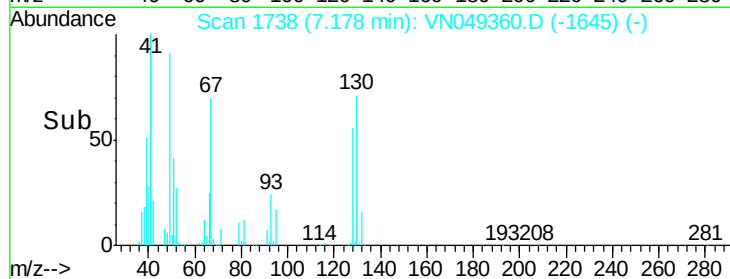
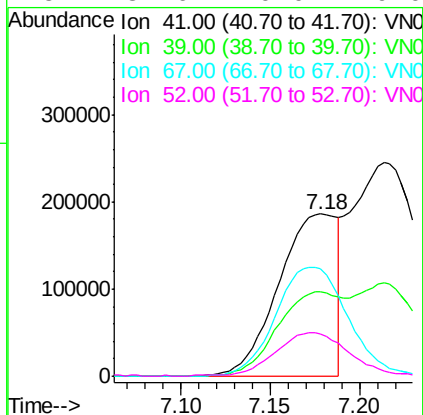
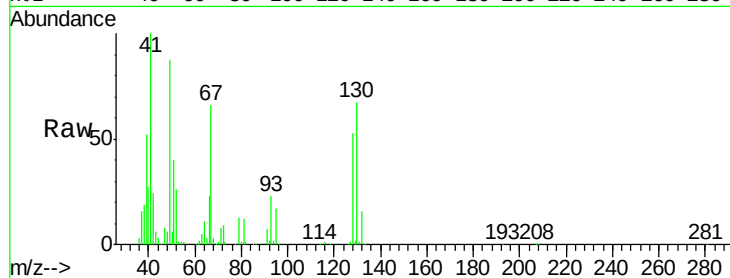




#41
Methacrylonitrile
Concen: 59.02 ug/l
RT: 7.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN049360.D
Acq: 18 Jun 2018 22:57

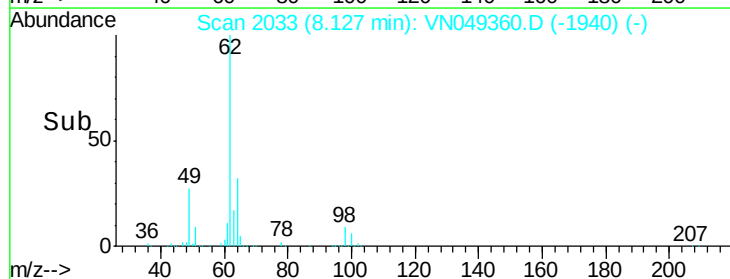
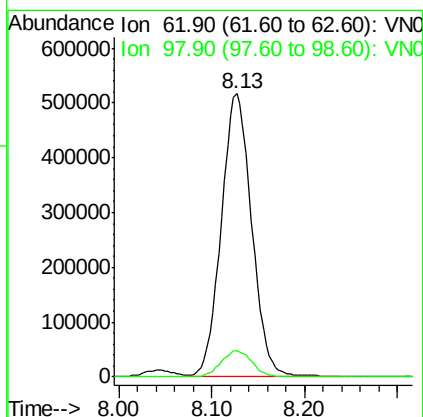
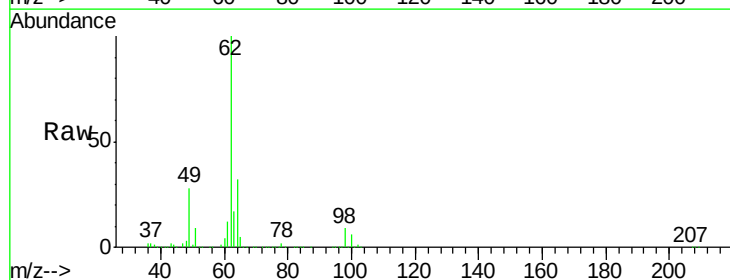
Instrument :
MSVOA_N
ClientSampleId :

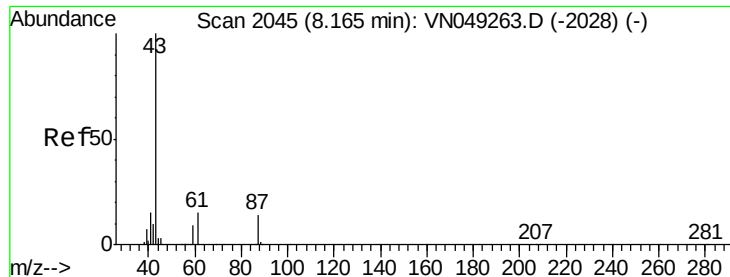
Tot Ion: 41 Resp: 423272
Ion Ratio Lower Upper
41 100
39 56.2 0.0 0.0#
67 83.9 0.0 0.0#
52 32.6 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 50.60 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049360.D
Acq: 18 Jun 2018 22:57

Tgt Ion: 62 Resp: 1169634
Ion Ratio Lower Upper
62 100
98 9.4 0.0 16.2





#43

Isopropyl Acetate

Concen: 59.38 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049360.D

Acq: 18 Jun 2018 22:57

Instrument :

MSVOA_N

ClientSampleId :

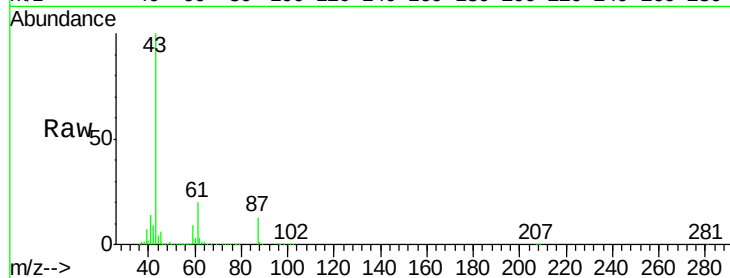
Tot Ion: 43 Resp: 1505238

Ion Ratio Lower Upper

43 100

61 19.0 14.2 21.4

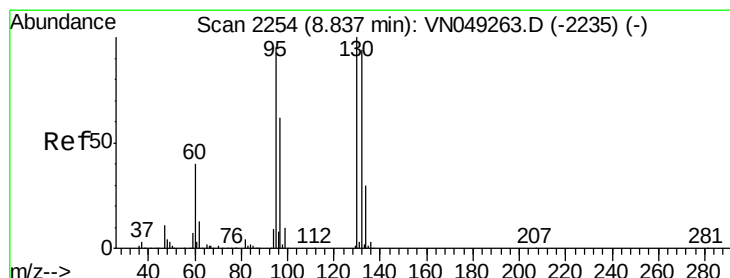
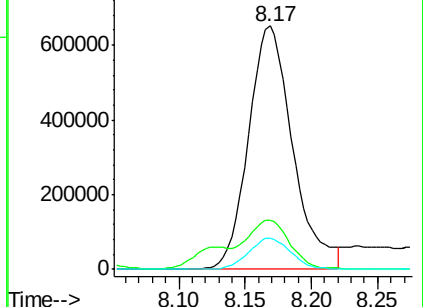
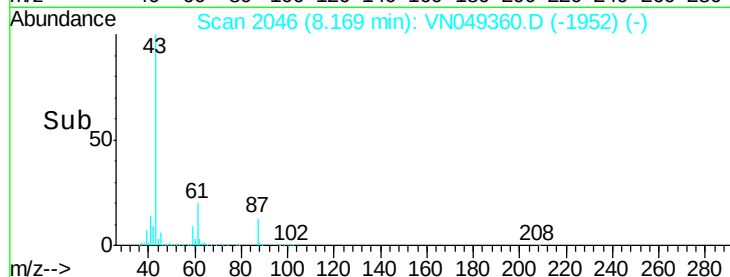
87 12.5 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VN049360.D (-1952) (-)

Ion 61.00 (60.70 to 61.70): VN049360.D (-1952) (-)

Ion 87.00 (86.70 to 87.70): VN049360.D (-1952) (-)



#44

Trichloroethene

Concen: 49.41 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049360.D

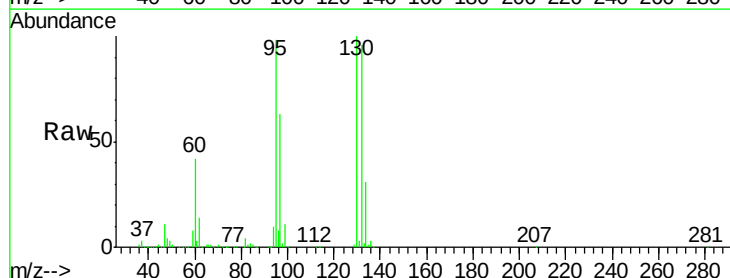
Acq: 18 Jun 2018 22:57

Tgt Ion:130 Resp: 976089

Ion Ratio Lower Upper

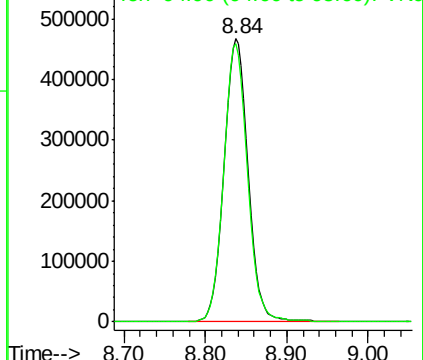
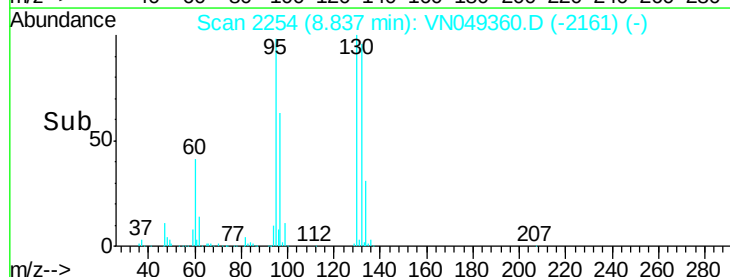
130 100

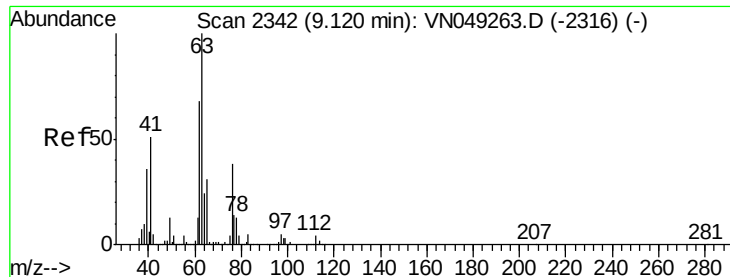
95 98.1 0.0 208.6



Abundance Ion 129.80 (129.50 to 130.50): VN049360.D (-2161) (-)

Ion 94.90 (94.60 to 95.60): VN049360.D (-2161) (-)





#45

1,2-Dichloropropane

Concen: 50.27 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. 0.00 min

Lab File: VN049360.D

Acq: 18 Jun 2018 22:57

Instrument :

MSVOA_N

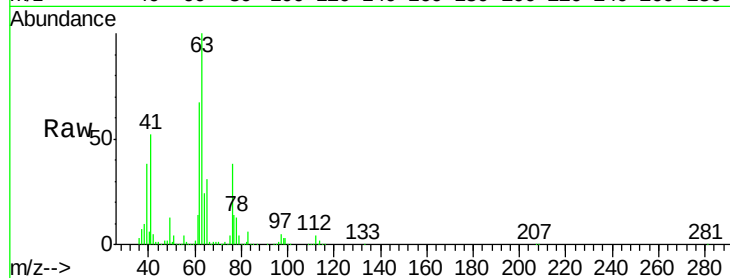
ClientSampled :

Tot Ion: 63 Resp: 984799

Ion Ratio Lower Upper

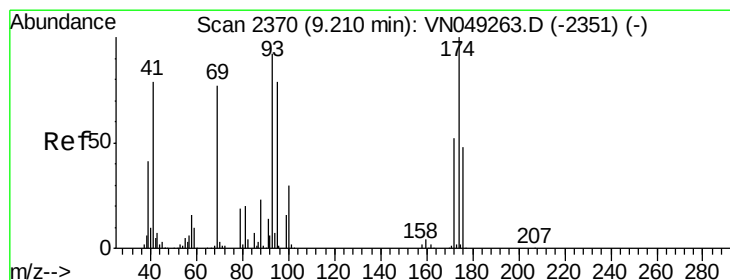
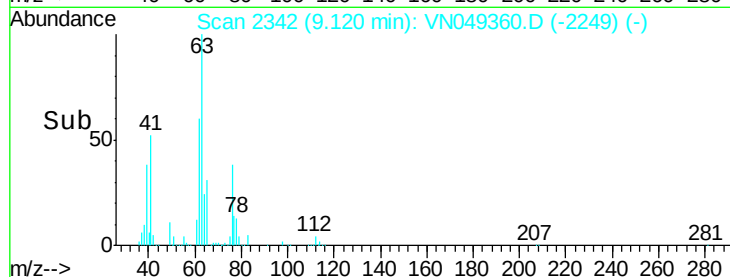
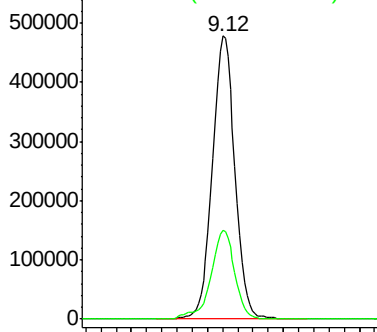
63 100

65 31.3 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 51.84 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN049360.D

Acq: 18 Jun 2018 22:57

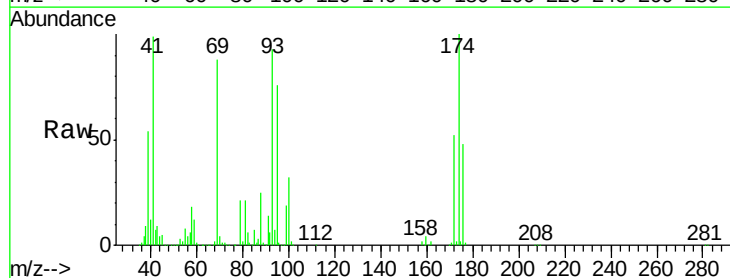
Tgt Ion: 93 Resp: 588807

Ion Ratio Lower Upper

93 100

95 82.1 67.2 100.8

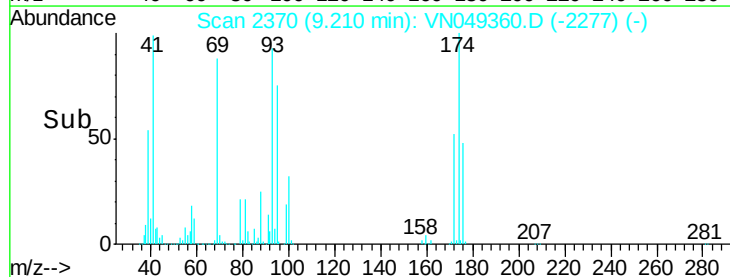
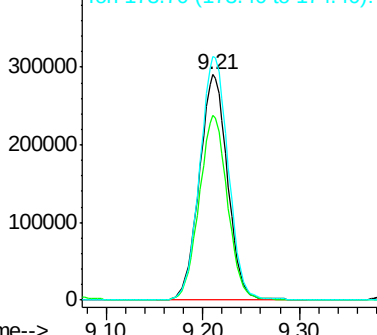
174 108.7 75.6 113.4

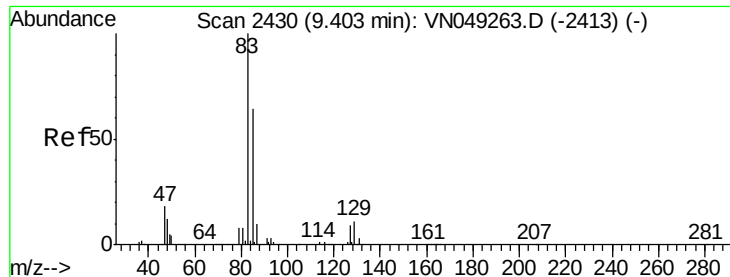


Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO

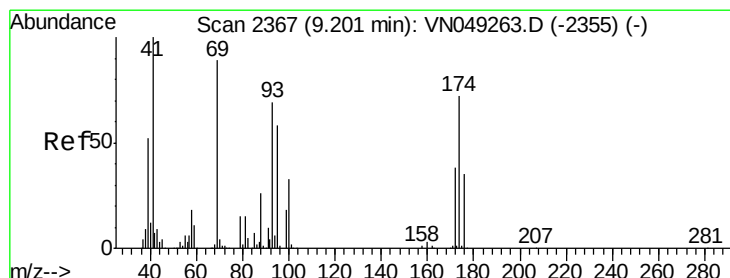
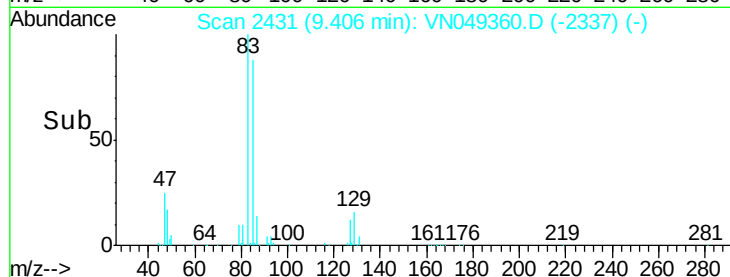
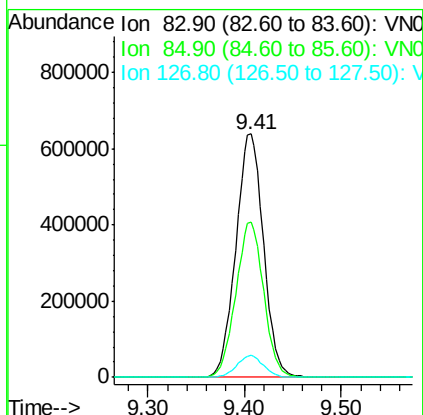
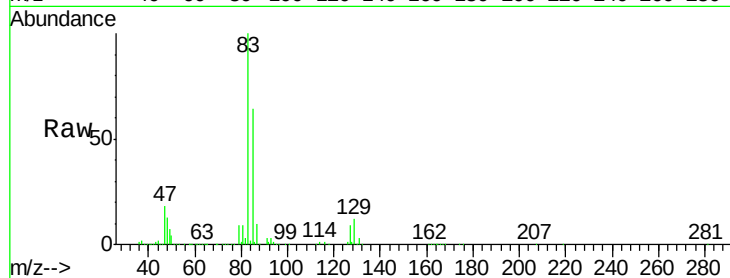




#47
Bromodichloromethane
Concen: 50.71 ug/l
RT: 9.41 min Scan# 2431
Delta R.T. 0.00 min
Lab File: VN049360.D
Acq: 18 Jun 2018 22:57

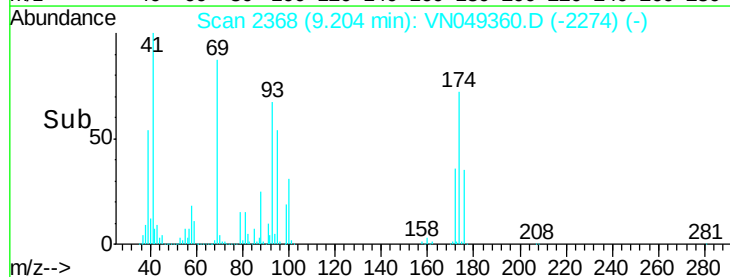
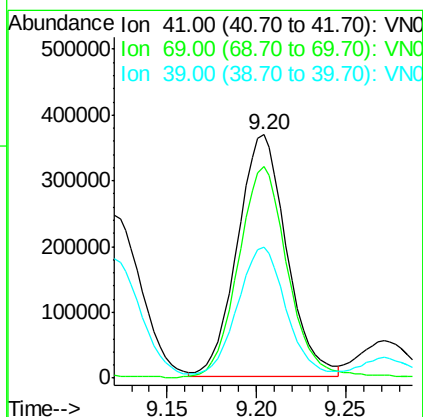
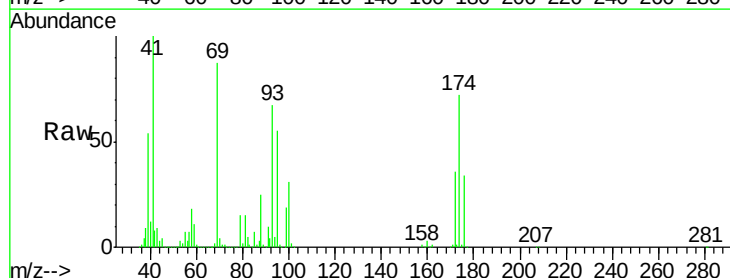
Instrument :
MSVOA_N
ClientSampleId :

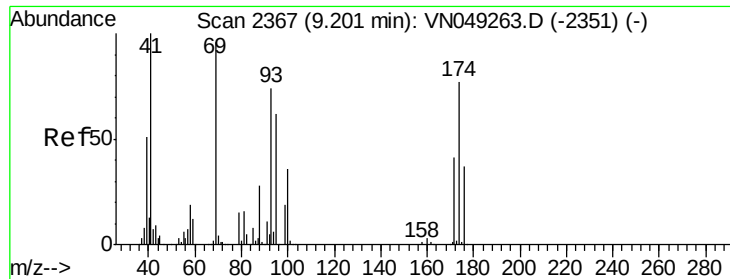
Tot Ion: 83 Resp: 1265882
Ion Ratio Lower Upper
83 100
85 63.9 49.4 74.0
127 8.9 6.3 9.5



#48
Methyl methacrylate
Concen: 59.40 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049360.D
Acq: 18 Jun 2018 22:57

Tgt Ion: 41 Resp: 709070
Ion Ratio Lower Upper
41 100
69 87.5 62.0 93.0
39 53.8 50.6 75.8

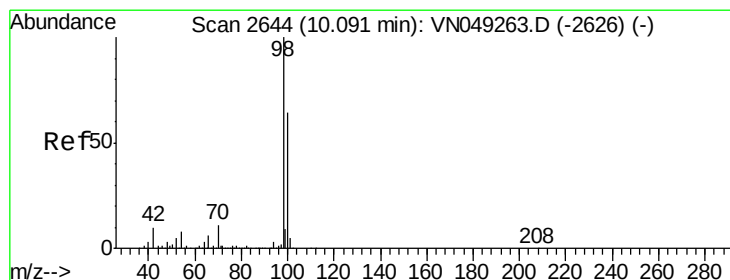
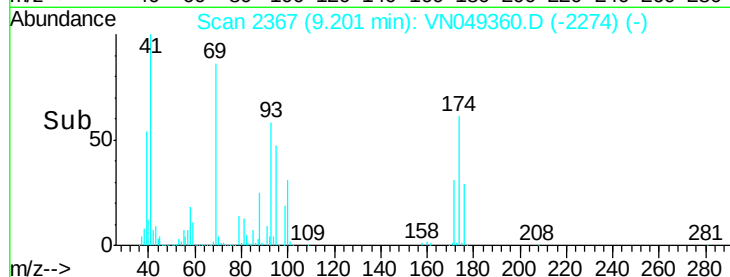
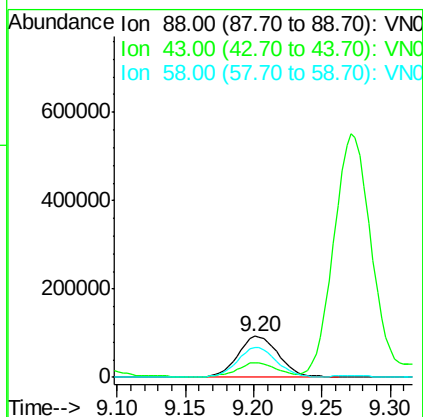
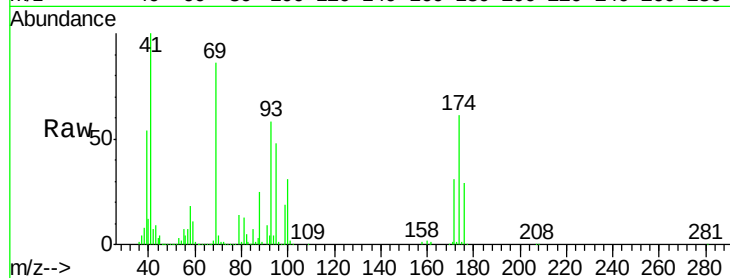




#49
1,4-Dioxane
Concen: 1169.91 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN049360.D
Acq: 18 Jun 2018 22:57

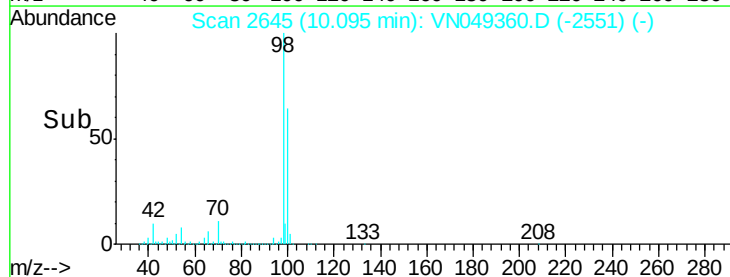
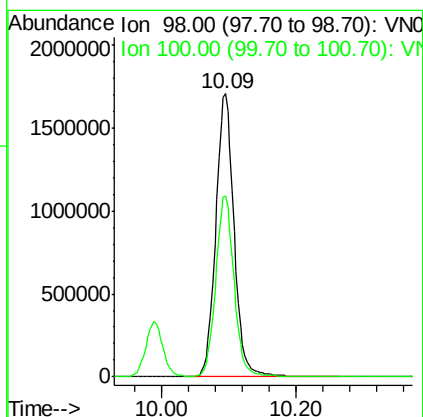
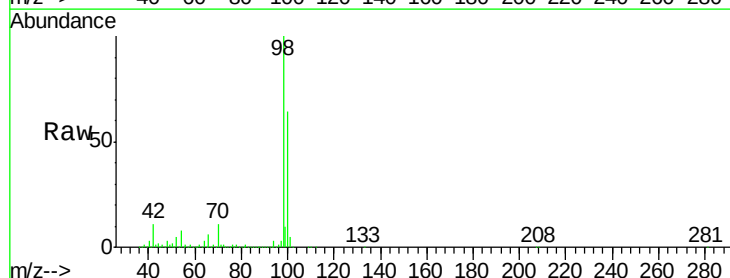
Instrument :
MSVOA_N
ClientSampled :

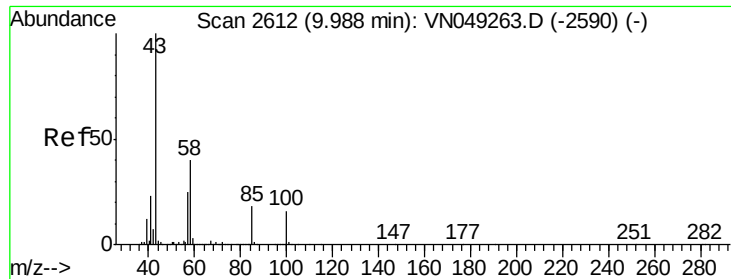
Tot Ion: 88 Resp: 192737
Ion Ratio Lower Upper
88 100
43 32.0 30.9 46.3
58 71.2 58.9 88.3



#50
Toluene-d8
Concen: 49.27 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049360.D
Acq: 18 Jun 2018 22:57

Tgt Ion: 98 Resp: 3231658
Ion Ratio Lower Upper
98 100
100 63.9 49.8 74.8

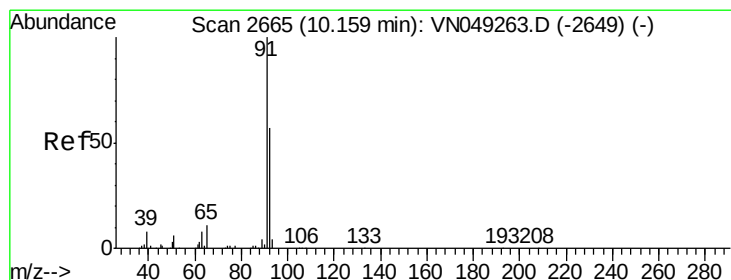
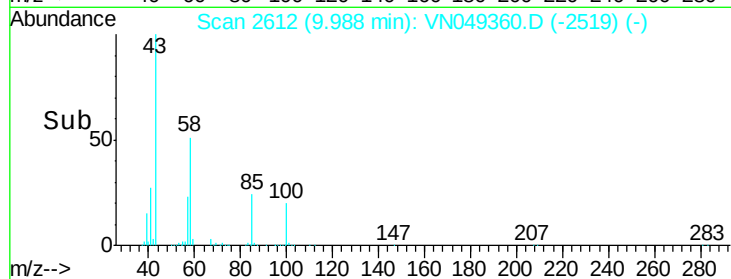
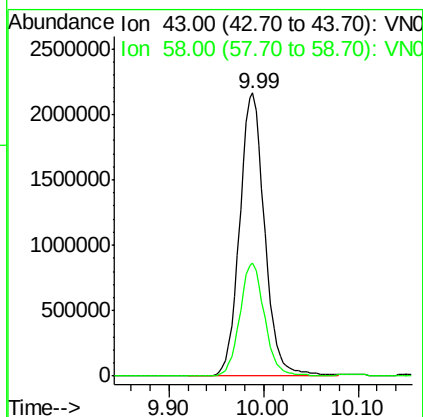
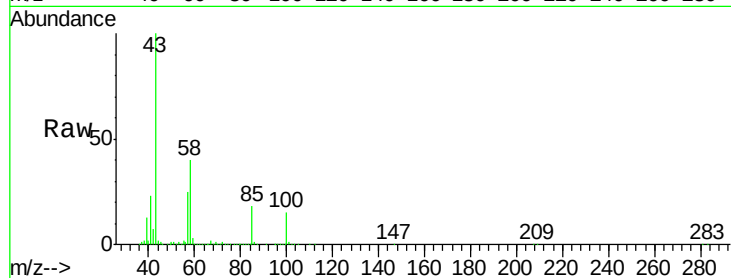




#51
 4-Methyl-2-Pentanone
 Concen: 298.64 ug/l
 RT: 9.99 min Scan# 2612
 Delta R.T. 0.00 min
 Lab File: VN049360.D
 Acq: 18 Jun 2018 22:57

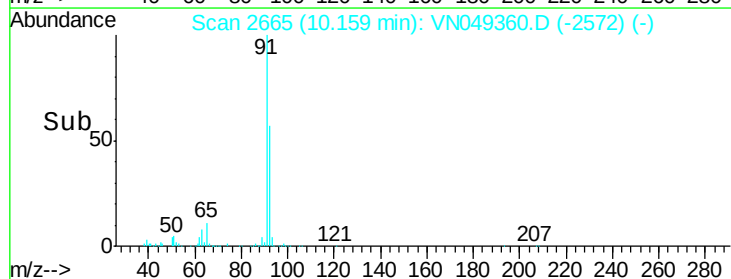
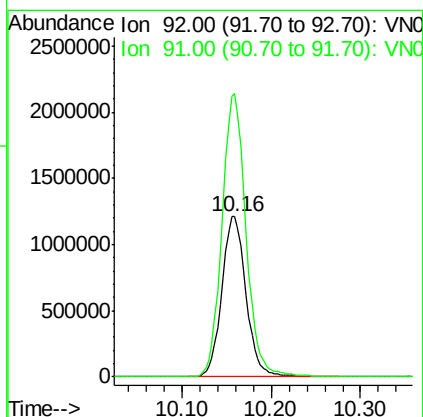
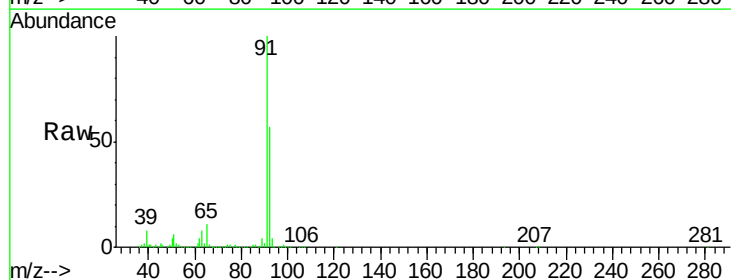
Instrument :
 MSVOA_N
 ClientSampled :

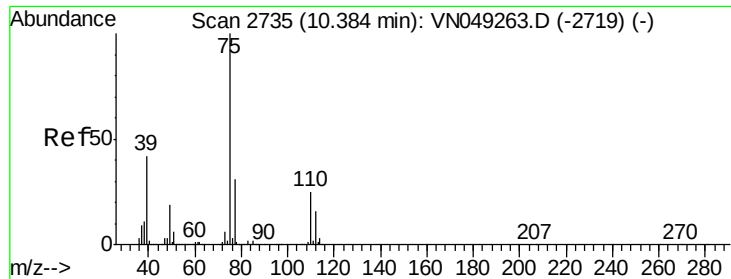
Tot Ion: 43 Resp: 3967349
 Ion Ratio Lower Upper
 43 100
 58 39.7 29.0 43.6



#52
 Toluene
 Concen: 51.80 ug/l
 RT: 10.16 min Scan# 2665
 Delta R.T. 0.00 min
 Lab File: VN049360.D
 Acq: 18 Jun 2018 22:57

Tgt Ion: 92 Resp: 2274404
 Ion Ratio Lower Upper
 92 100
 91 175.5 143.4 215.2





#53

t-1,3-Dichloropropene

Concen: 51.85 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049360.D

Acq: 18 Jun 2018 22:57

Instrument :

MSVOA_N

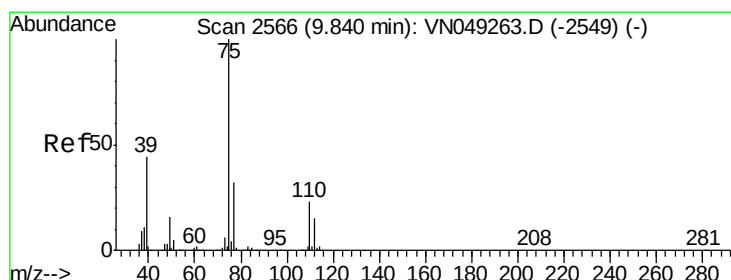
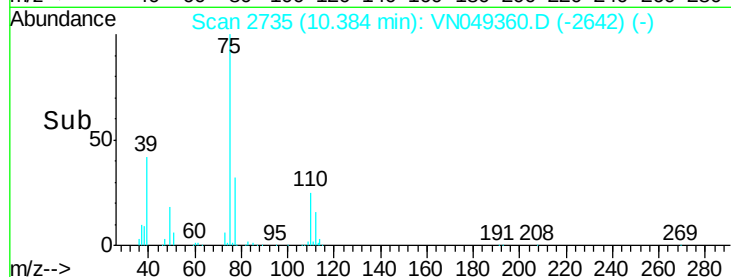
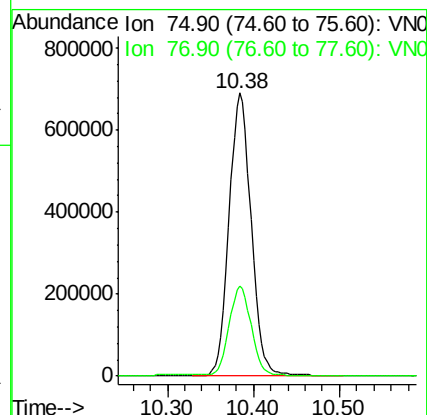
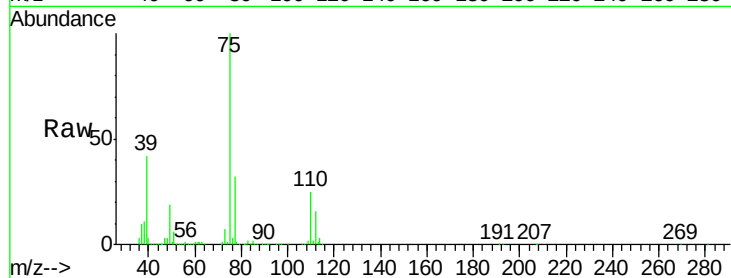
ClientSampleId :

Tot Ion: 75 Resp: 1238050

Ion Ratio Lower Upper

75 100

77 31.8 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 49.86 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049360.D

Acq: 18 Jun 2018 22:57

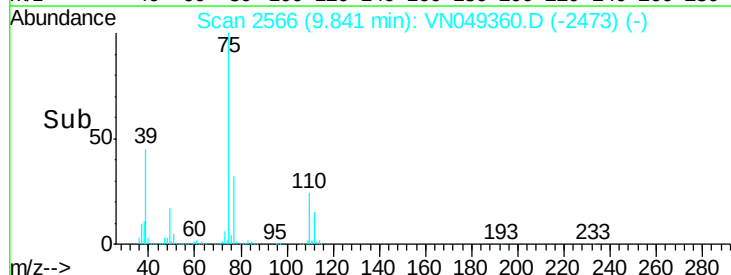
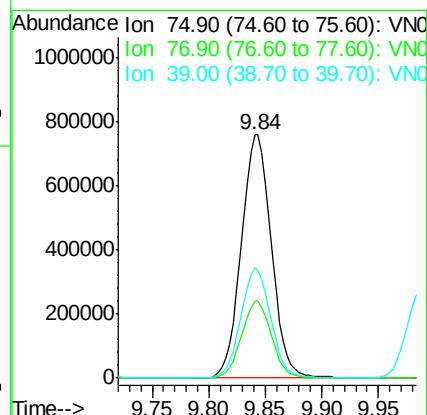
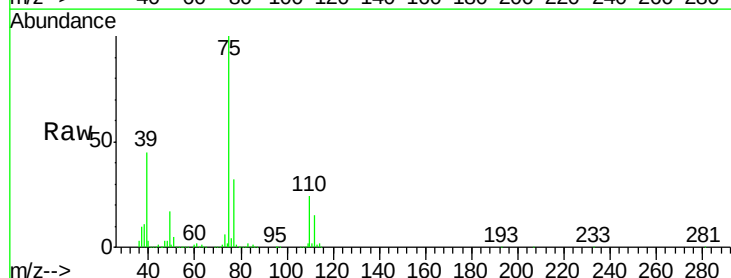
Tgt Ion: 75 Resp: 1405636

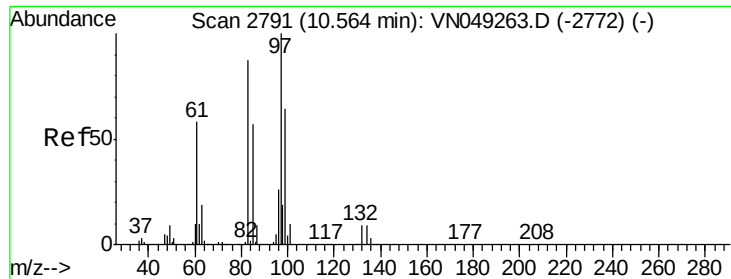
Ion Ratio Lower Upper

75 100

77 31.7 24.8 37.2

39 45.3 45.1 67.7

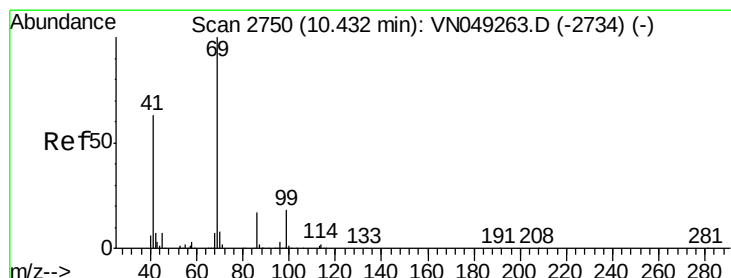
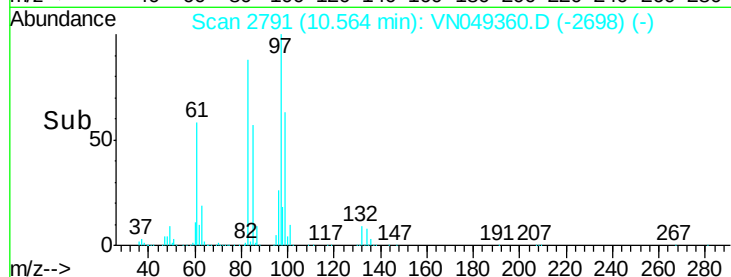
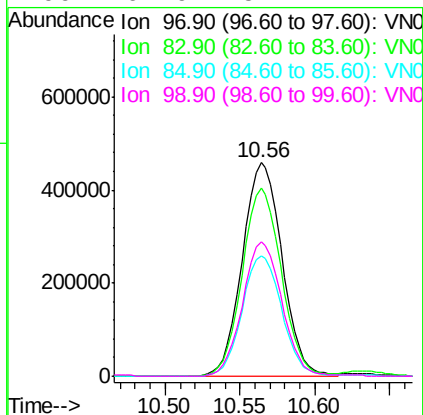
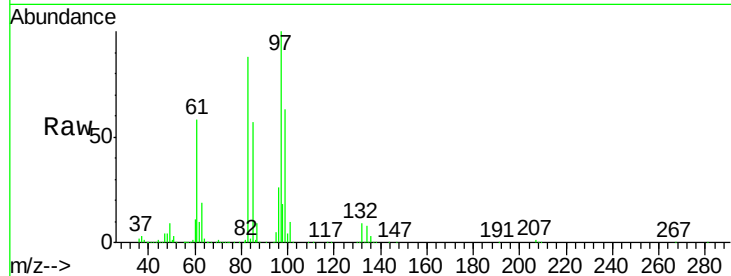




#55
 1,1,2-Trichloroethane
 Concen: 51.76 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049360.D
 Acq: 18 Jun 2018 22:57

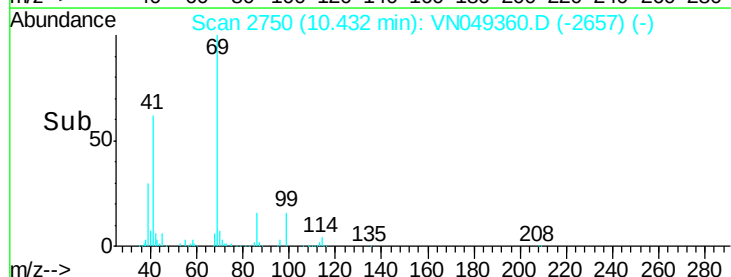
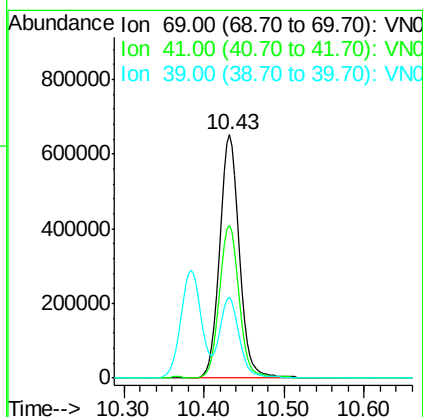
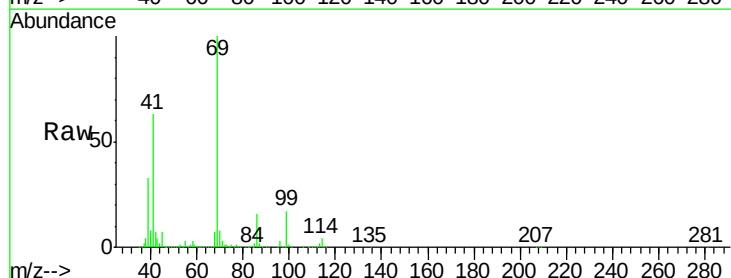
Instrument :
 MSVOA_N
 ClientSampleId :

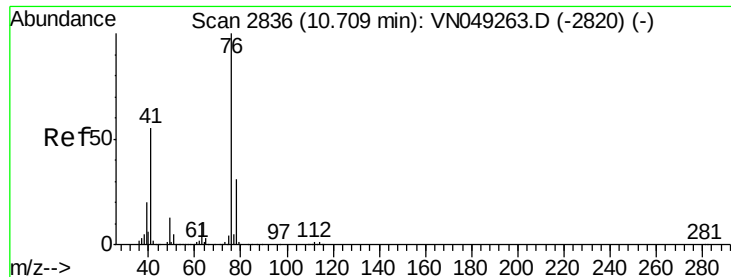
Tot Ion:	97	Resp:	847265
Ion	Ratio	Lower	Upper
97	100		
83	87.9	71.5	107.3
85	56.6	47.0	70.4
99	62.9	51.4	77.2



#56
 Ethyl methacrylate
 Concen: 59.16 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049360.D
 Acq: 18 Jun 2018 22:57

Tgt Ion:	69	Resp:	1117296
Ion	Ratio	Lower	Upper
69	100		
41	63.6	58.4	87.6
39	33.1	35.5	53.3#





#57

1,3-Dichloropropane

Concen: 52.56 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049360.D

Acq: 18 Jun 2018 22:57

Instrument :

MSVOA_N

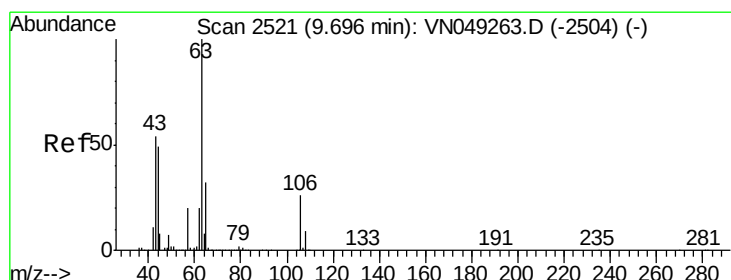
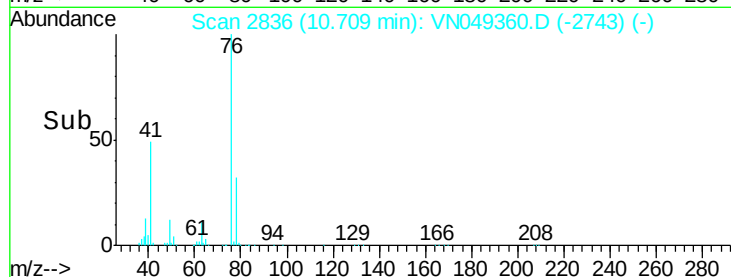
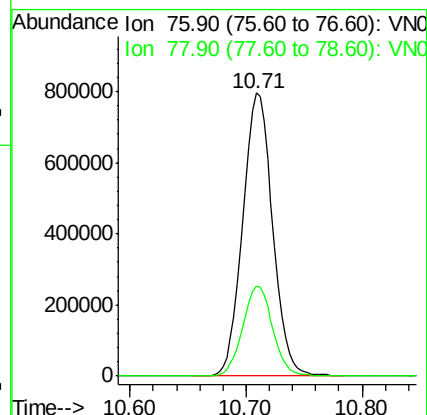
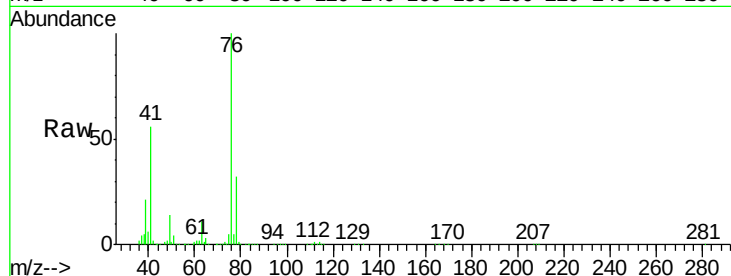
ClientSampled :

Tot Ion: 76 Resp: 1425287

Ion Ratio Lower Upper

76 100

78 32.1 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 259.39 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049360.D

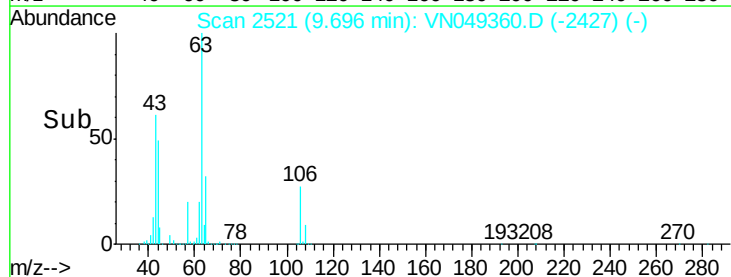
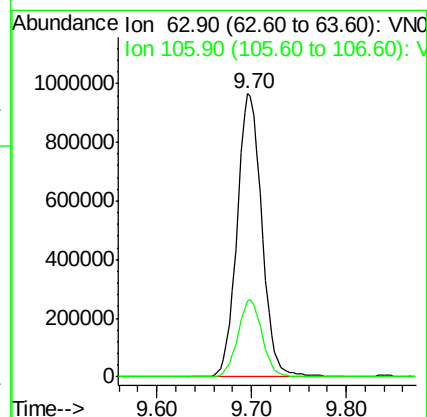
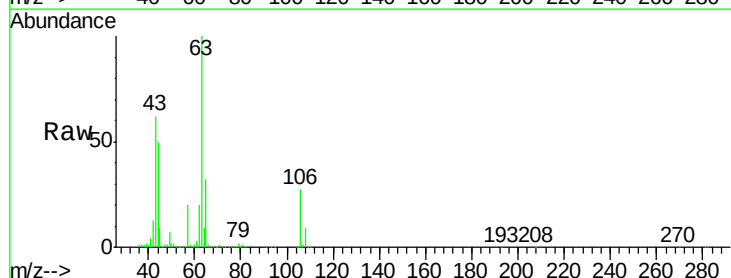
Acq: 18 Jun 2018 22:57

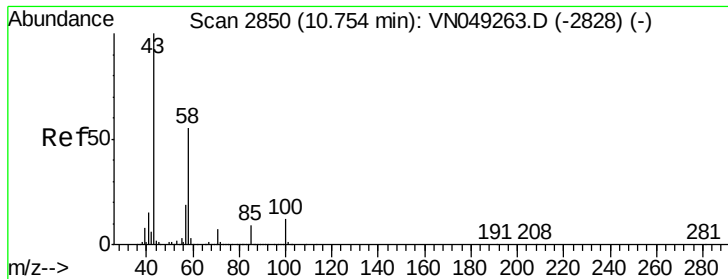
Tgt Ion: 63 Resp: 1755116

Ion Ratio Lower Upper

63 100

106 26.7 19.4 29.2

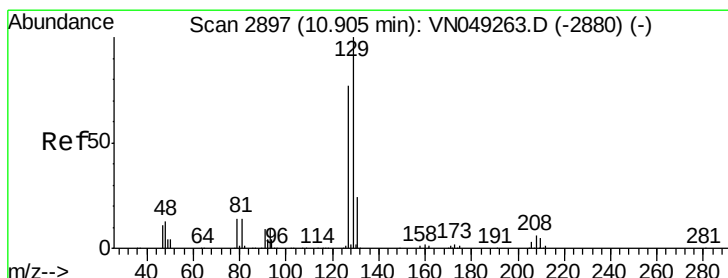
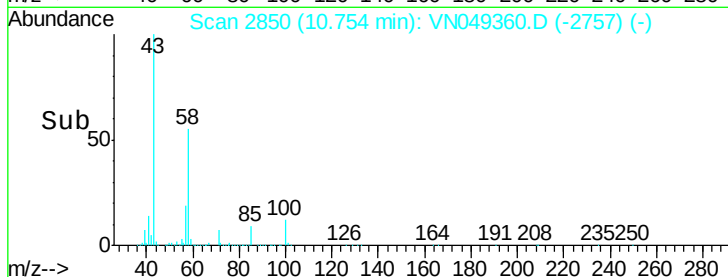
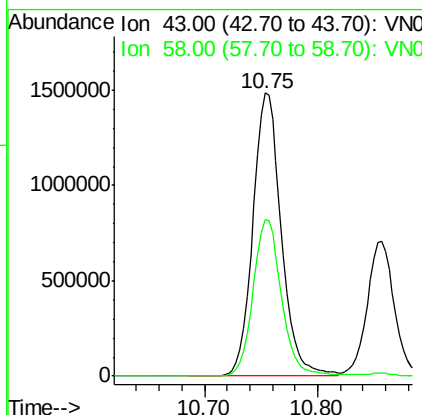
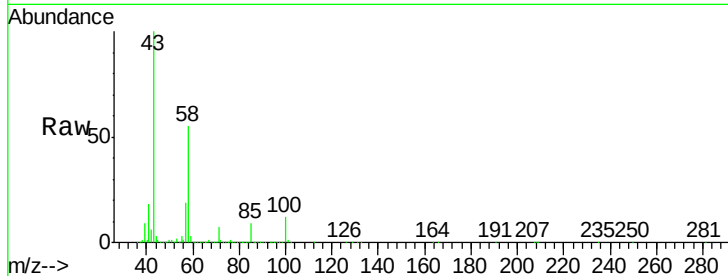




#59
2-Hexanone
Concen: 301.44 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049360.D
Acq: 18 Jun 2018 22:57

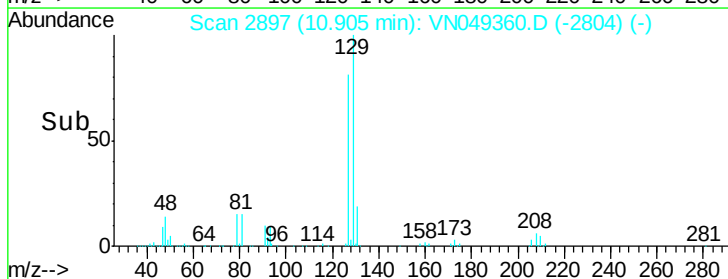
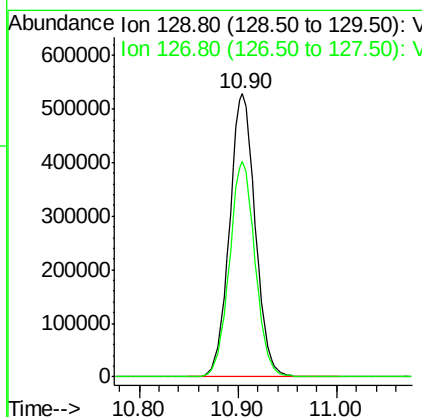
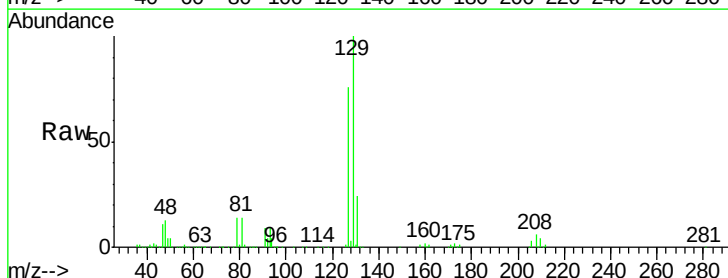
Instrument :
MSVOA_N
ClientSampled :

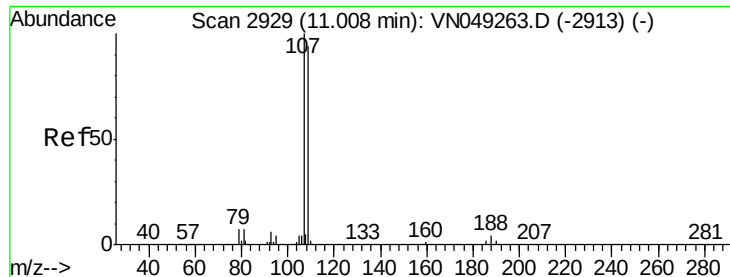
Tot Ion: 43 Resp: 2581799
Ion Ratio Lower Upper
43 100
58 55.7 25.2 75.6



#60
Dibromochloromethane
Concen: 52.56 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN049360.D
Acq: 18 Jun 2018 22:57

Tgt Ion: 129 Resp: 960223
Ion Ratio Lower Upper
129 100
127 76.1 39.1 117.2





#61

1,2-Dibromoethane

Concen: 53.67 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN049360.D

Acq: 18 Jun 2018 22:57

Instrument :

MSVOA_N

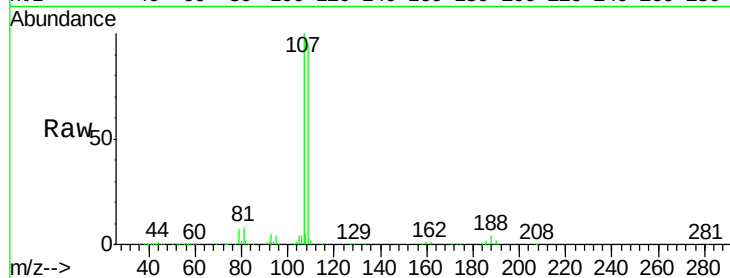
ClientSampleId :

Tot Ion:107 Resp: 816599

Ion Ratio Lower Upper

107 100

109 94.7 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.01

400000

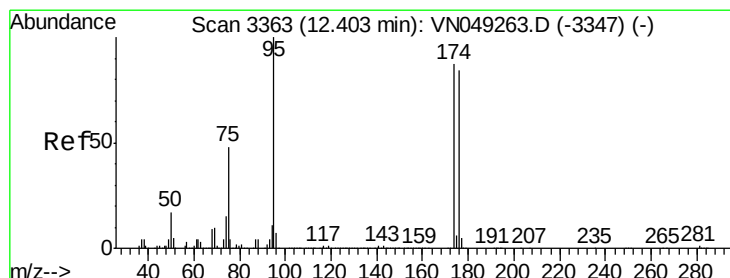
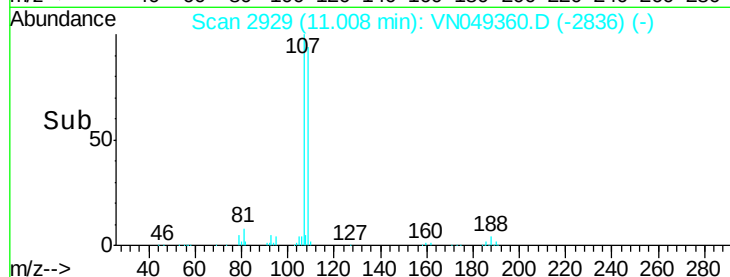
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 51.61 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049360.D

Acq: 18 Jun 2018 22:57

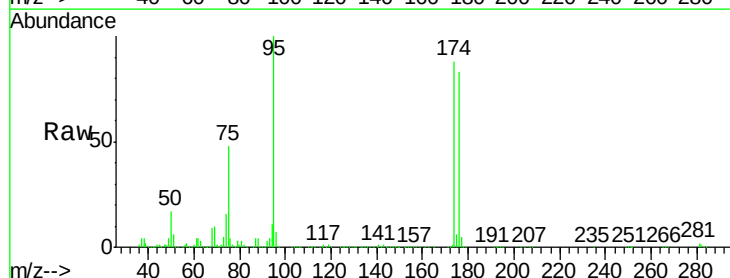
Tgt Ion: 95 Resp: 1119323

Ion Ratio Lower Upper

95 100

174 88.4 0.0 165.6

176 84.8 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

12.40

800000

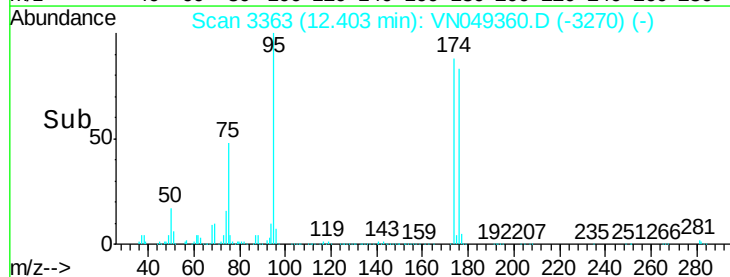
600000

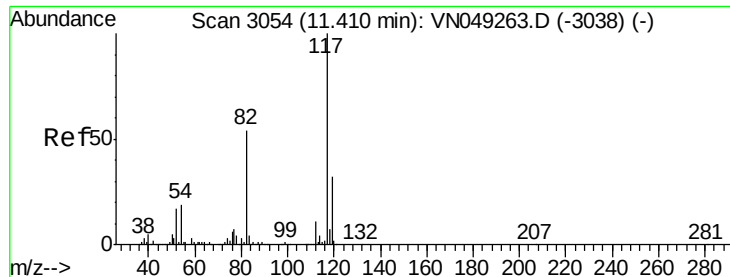
400000

200000

0

Time--> 12.30 12.40 12.50

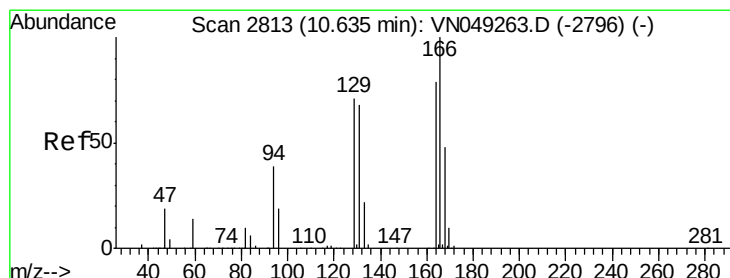
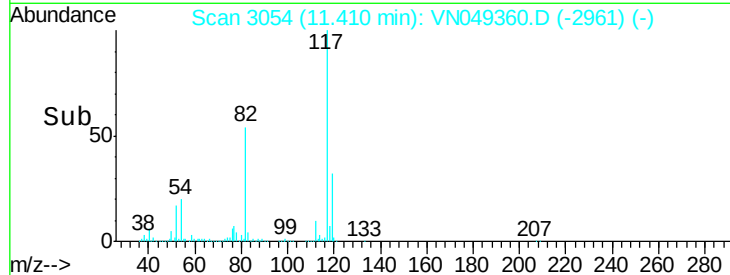
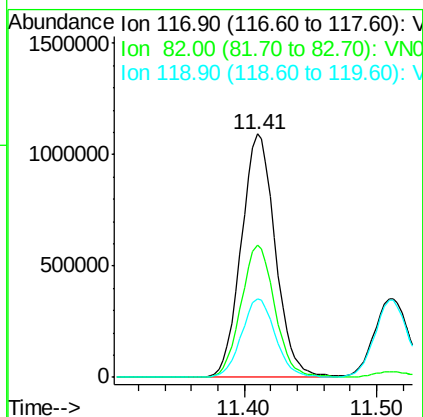
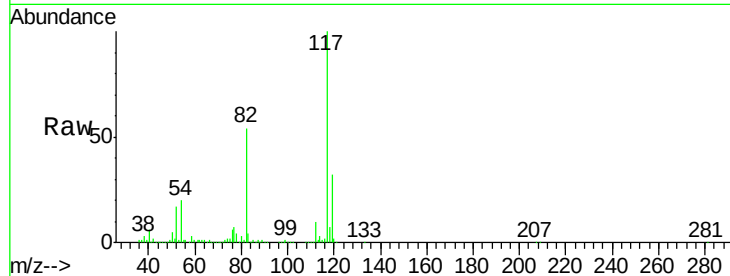




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049360.D
Acq: 18 Jun 2018 22:57

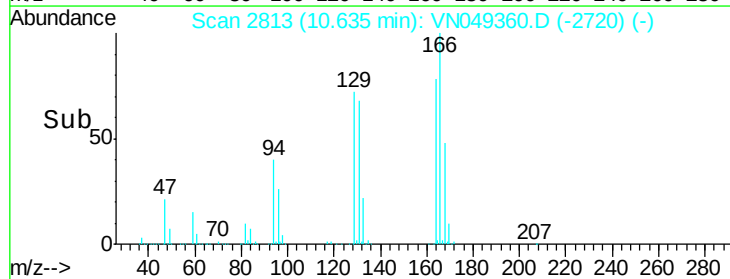
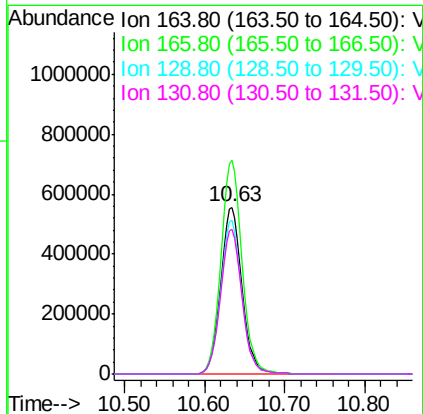
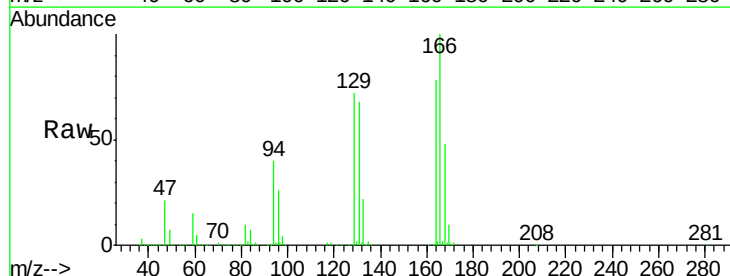
Instrument :
MSVOA_N
ClientSampled :

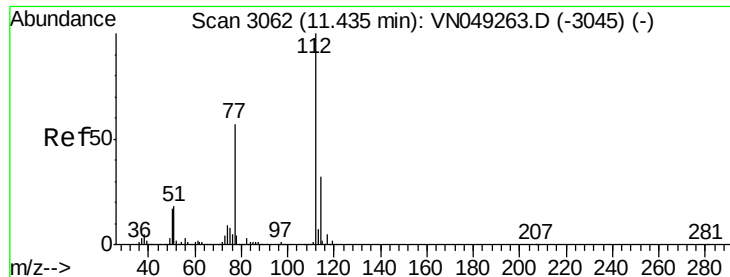
Tot Ion:117 Resp: 1951897
Ion Ratio Lower Upper
117 100
82 54.5 45.9 68.9
119 32.5 25.5 38.3



#64
Tetrachloroethene
Concen: 51.05 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN049360.D
Acq: 18 Jun 2018 22:57

Tgt Ion:164 Resp: 1021059
Ion Ratio Lower Upper
164 100
166 128.0 101.4 152.2
129 91.8 74.1 111.1
131 86.5 73.7 110.5





#65

Chlorobenzene

Concen: 49.11 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049360.D

Acq: 18 Jun 2018 22:57

Instrument :

MSVOA_N

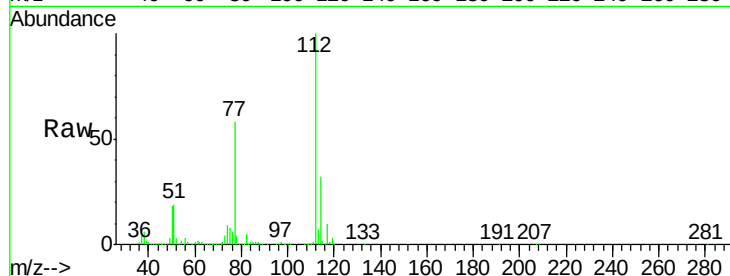
ClientSampled :

Tot Ion:112 Resp: 2469405

Ion Ratio Lower Upper

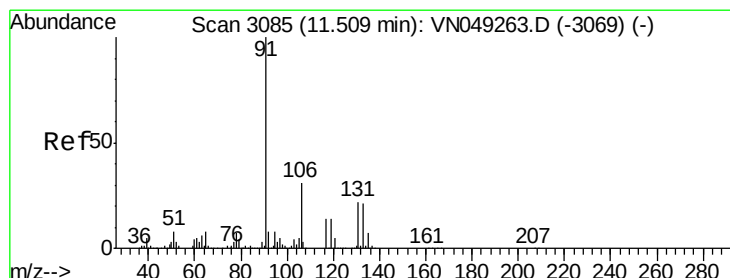
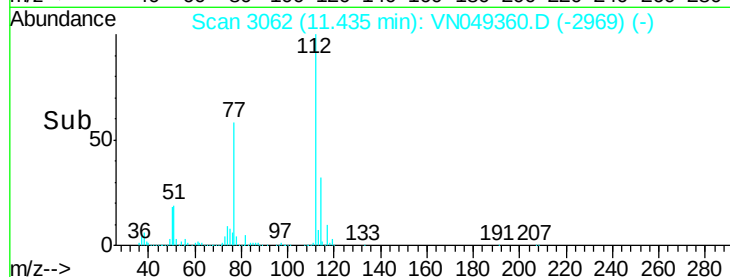
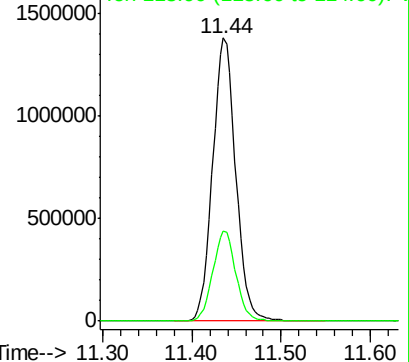
112 100

114 31.7 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 48.68 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049360.D

Acq: 18 Jun 2018 22:57

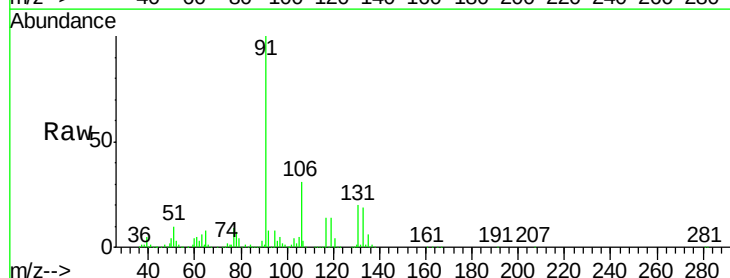
Tgt Ion:131 Resp: 921116

Ion Ratio Lower Upper

131 100

133 95.7 48.0 144.2

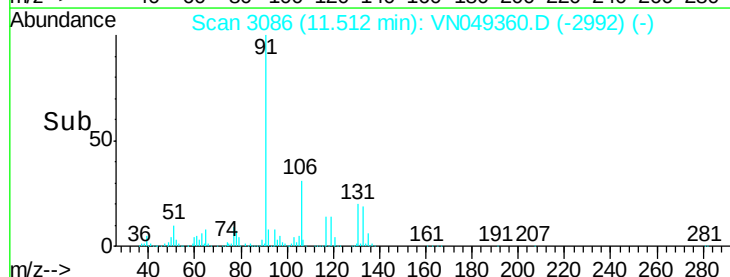
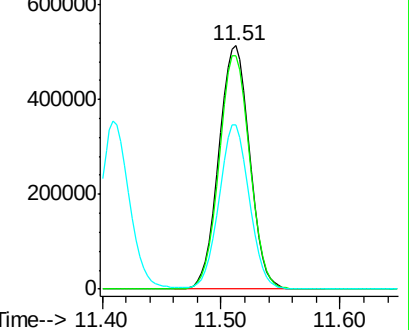
119 66.1 33.6 100.8

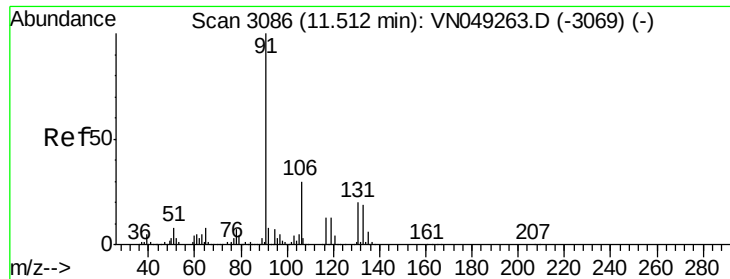


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

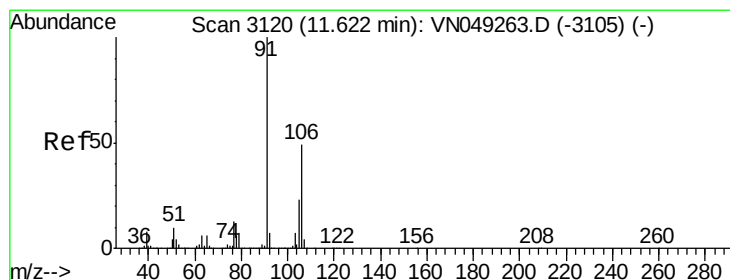
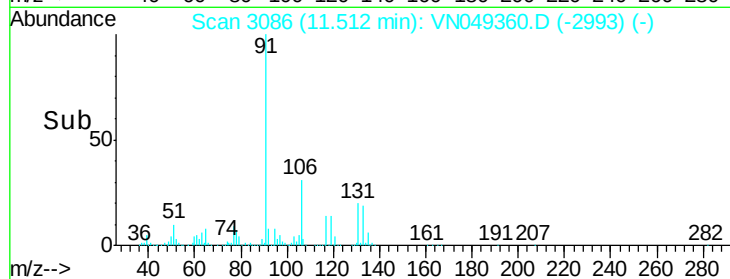
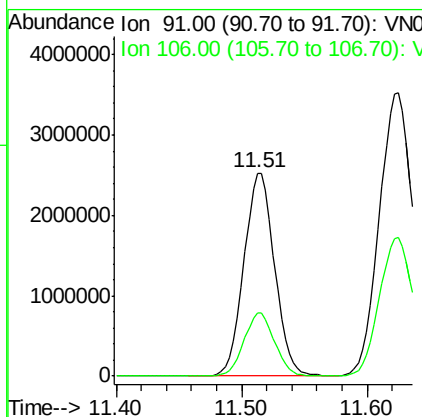
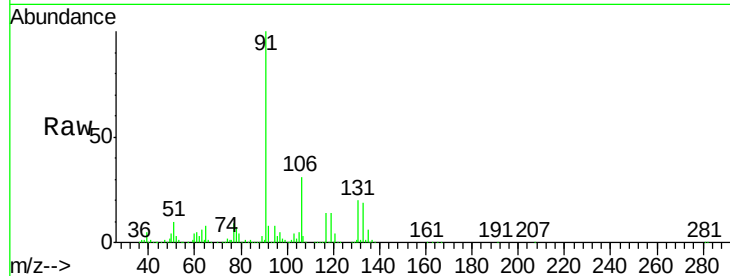




#67
Ethyl Benzene
Concen: 51.79 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049360.D
Acq: 18 Jun 2018 22:57

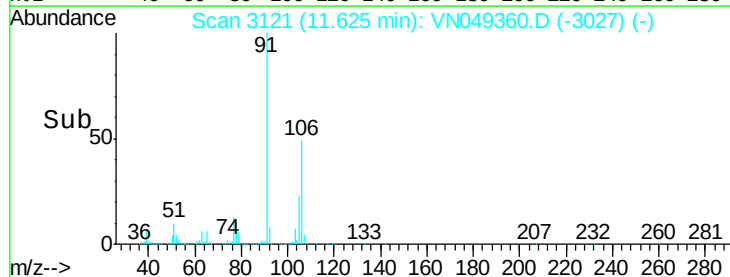
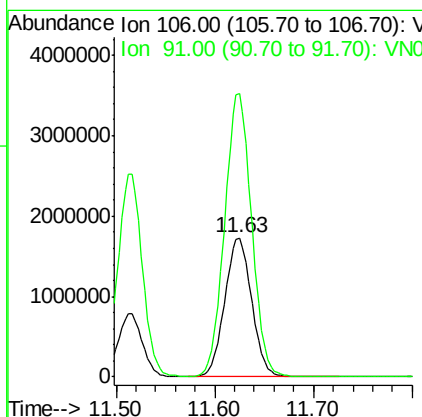
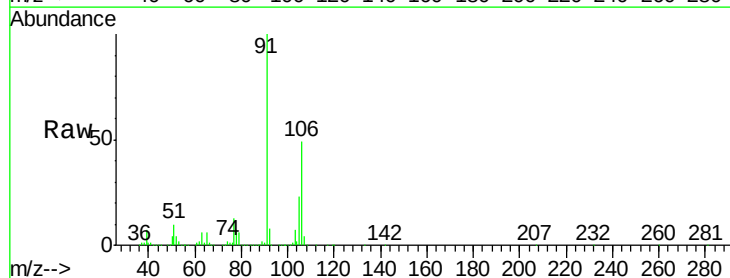
Instrument :
MSVOA_N
ClientSampled :

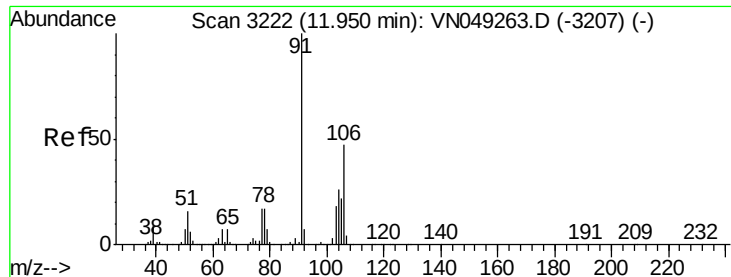
Tot Ion: 91 Resp: 4319683
Ion Ratio Lower Upper
91 100
106 31.0 23.9 35.9



#68
m/p-Xylenes
Concen: 105.68 ug/l
RT: 11.63 min Scan# 3121
Delta R.T. 0.00 min
Lab File: VN049360.D
Acq: 18 Jun 2018 22:57

Tgt Ion: 106 Resp: 3307832
Ion Ratio Lower Upper
106 100
91 203.7 167.3 250.9

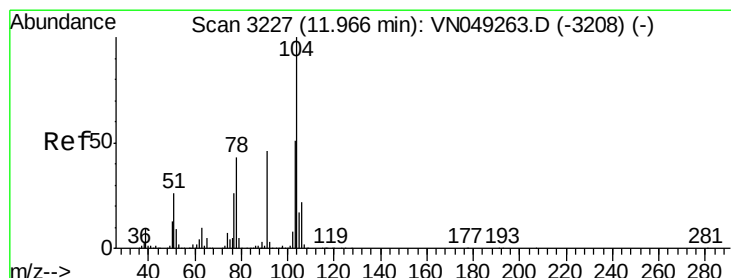
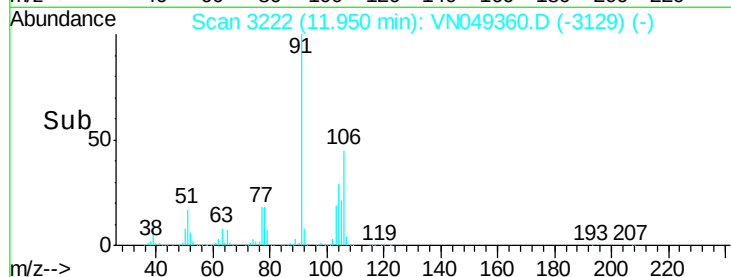
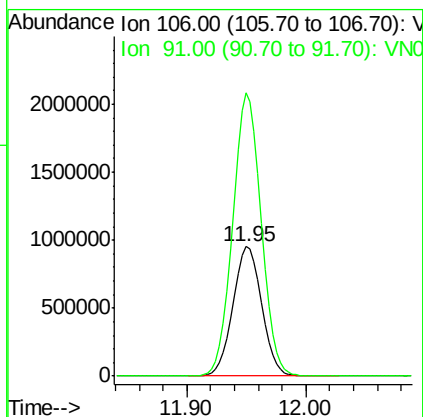
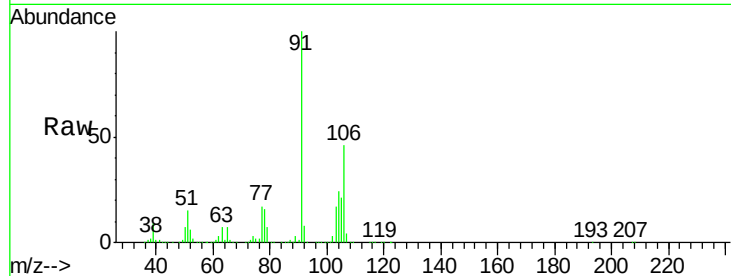




#69
o-Xylene
Concen: 52.98 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049360.D
Acq: 18 Jun 2018 22:57

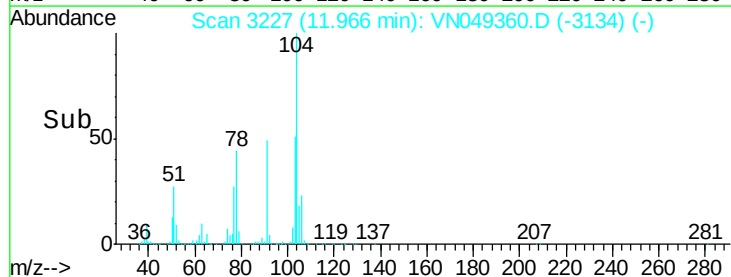
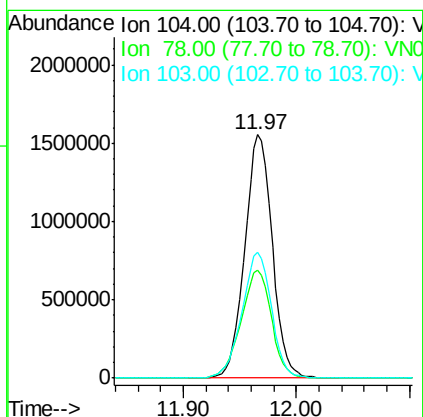
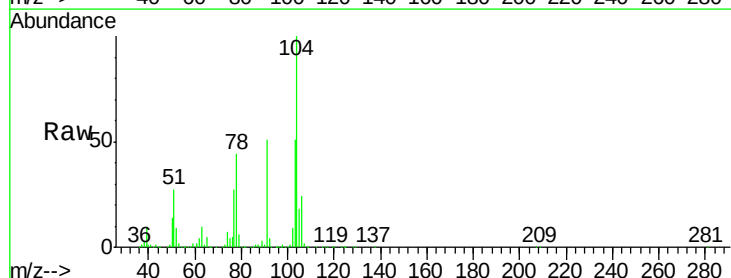
Instrument :
MSVOA_N
ClientSampled :

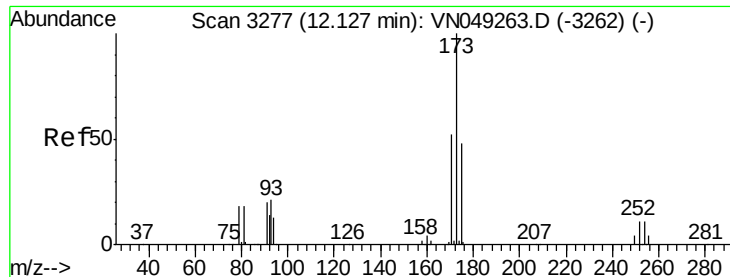
Tot Ion:106 Resp: 1597099
Ion Ratio Lower Upper
106 100
91 215.4 111.0 333.0



#70
Styrene
Concen: 55.33 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049360.D
Acq: 18 Jun 2018 22:57

Tgt Ion:104 Resp: 2631444
Ion Ratio Lower Upper
104 100
78 49.0 41.6 62.4
103 55.5 45.4 68.2

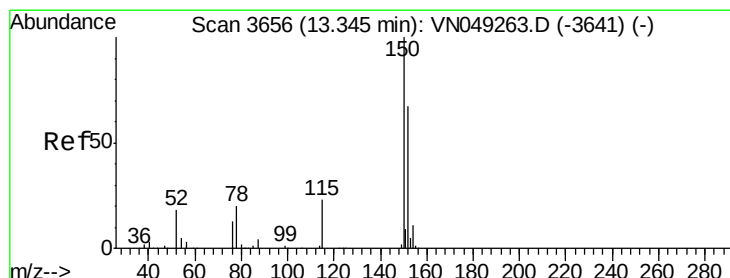
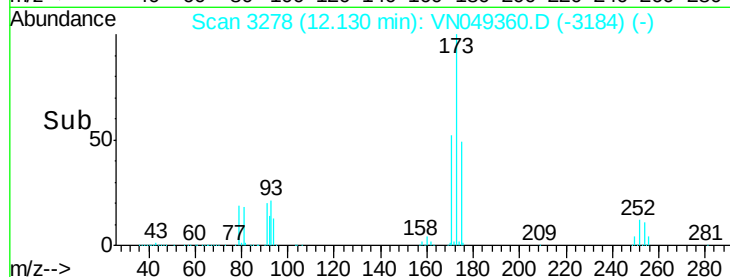
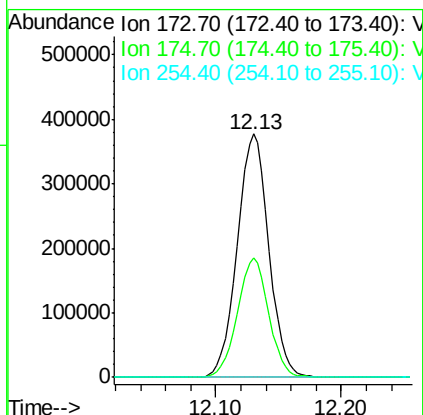
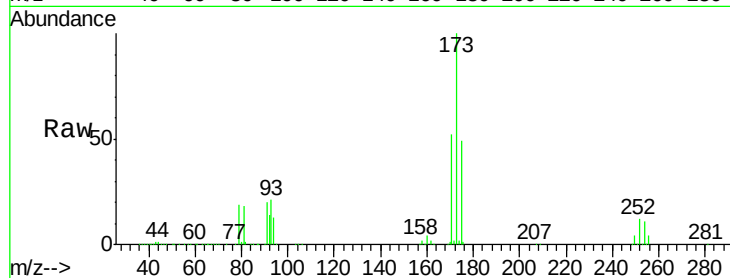




#71
Bromoform
Concen: 53.68 ug/l
RT: 12.13 min Scan# 3278
Delta R.T. 0.00 min
Lab File: VN049360.D
Acq: 18 Jun 2018 22:57

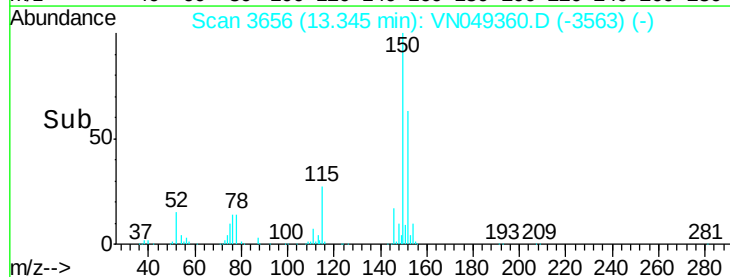
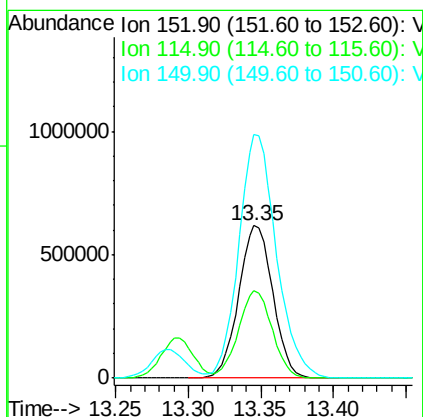
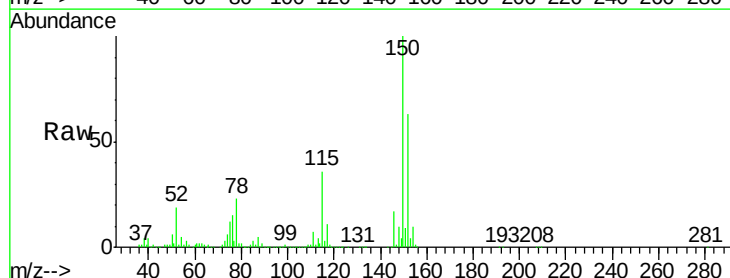
Instrument :
MSVOA_N
ClientSampled :

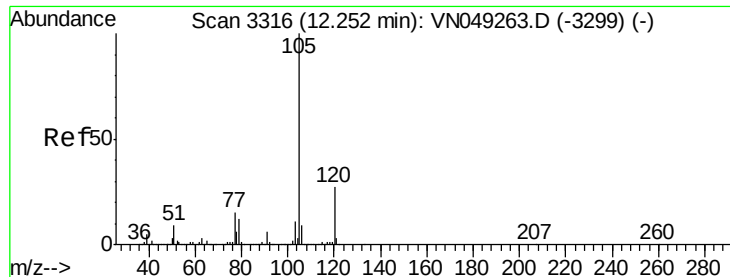
Tot Ion:173 Resp: 657545
Ion Ratio Lower Upper
173 100
175 48.5 24.5 73.5
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049360.D
Acq: 18 Jun 2018 22:57

Tgt Ion:152 Resp: 1013371
Ion Ratio Lower Upper
152 100
115 56.6 28.7 86.1
150 174.9 0.0 351.0





#73

Isopropylbenzene

Concen: 48.05 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049360.D

Acq: 18 Jun 2018 22:57

Instrument :

MSVOA_N

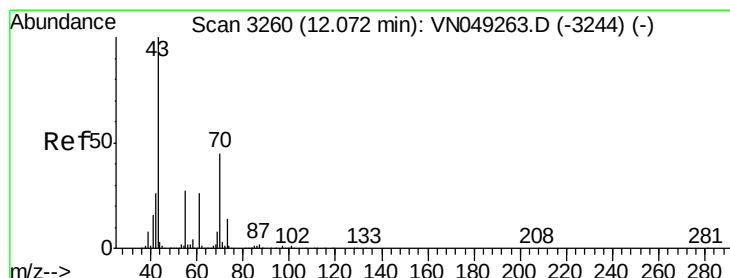
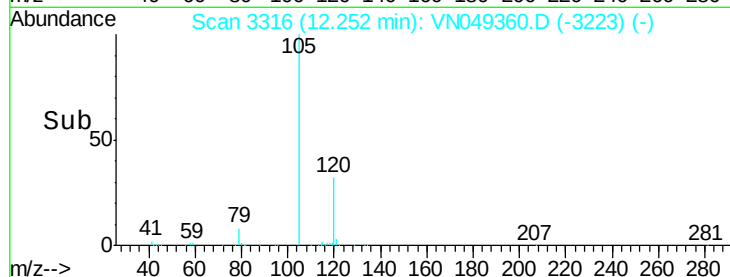
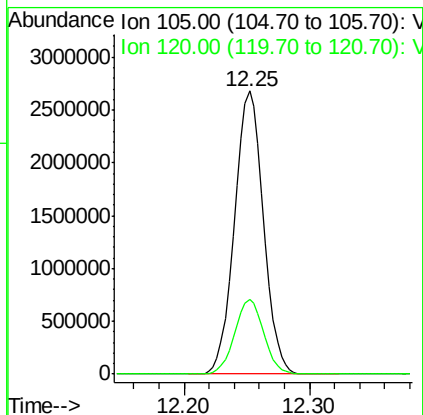
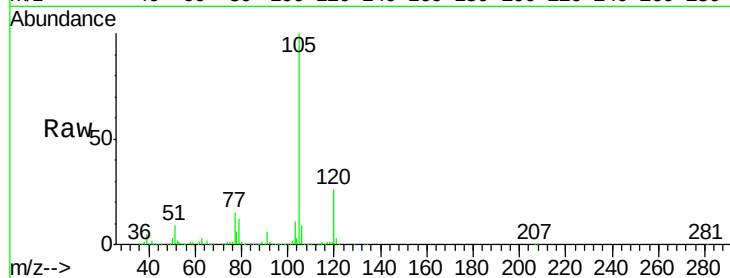
ClientSampleId :

Tot Ion:105 Resp: 4275439

Ion Ratio Lower Upper

105 100

120 26.6 12.8 38.3



#74

N-ethyl acetate

Concen: 56.24 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049360.D

Acq: 18 Jun 2018 22:57

Tgt Ion: 43 Resp: 1225742

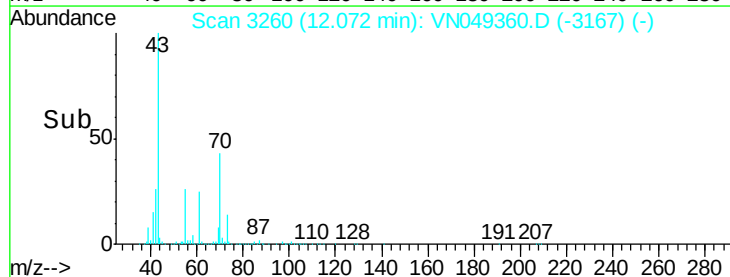
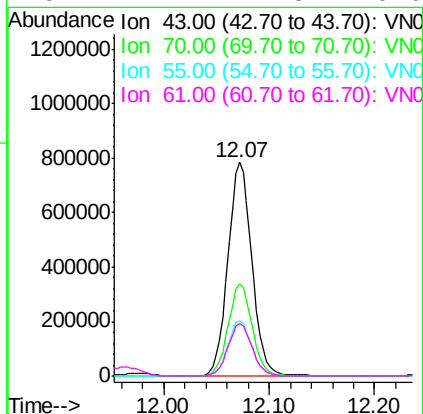
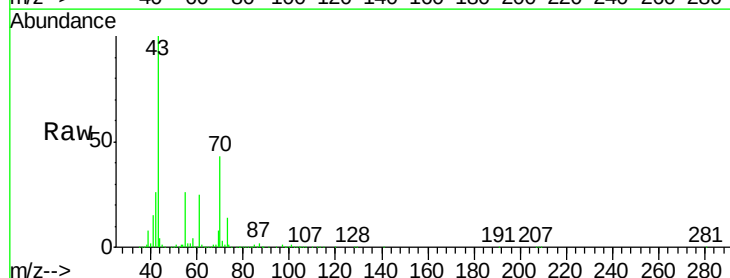
Ion Ratio Lower Upper

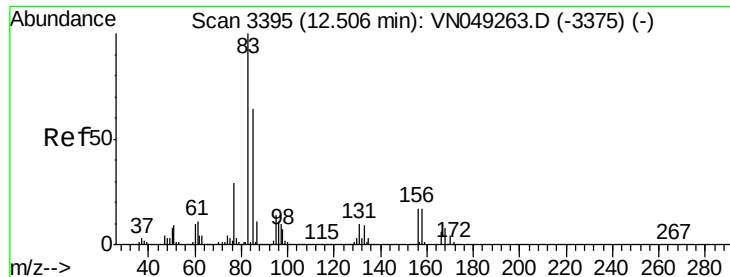
43 100

70 43.2 30.3 45.5

55 25.9 19.4 29.2

61 24.7 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 56.29 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049360.D

Acq: 18 Jun 2018 22:57

Instrument :

MSVOA_N

ClientSampleId :

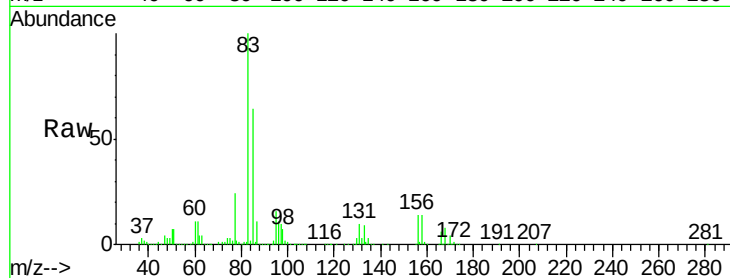
Tot Ion: 83 Resp: 1025131

Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.0	15.0
85	64.0	32.0	96.0

83 100

131 10.2 5.0 15.0

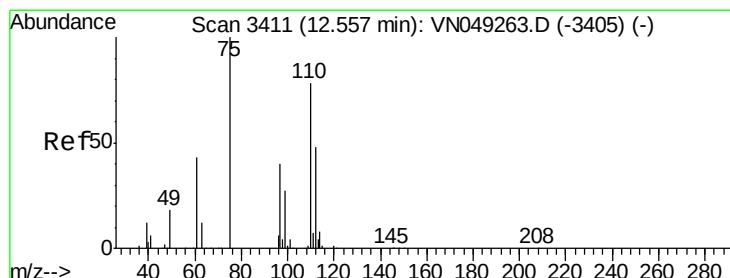
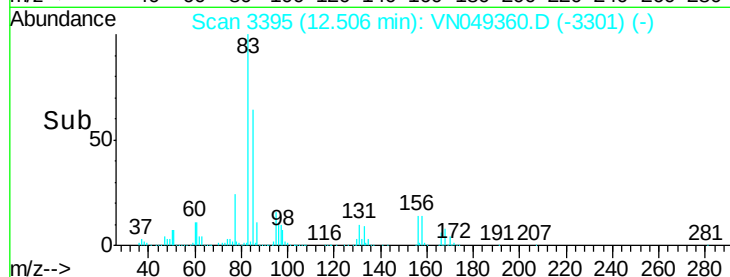
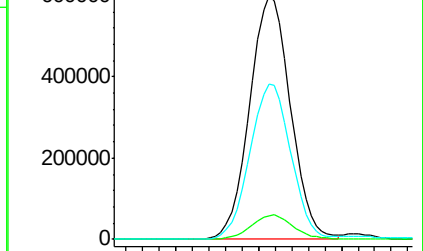
85 64.0 32.0 96.0



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: 73.45 ug/l

RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN049360.D

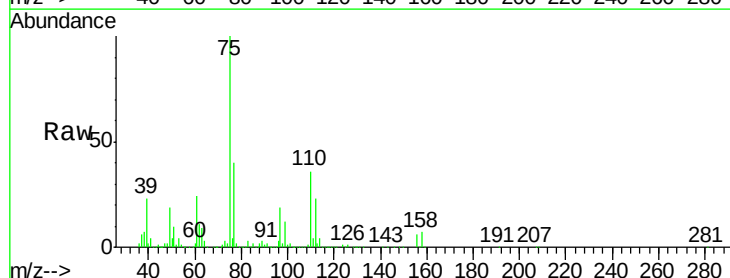
Acq: 18 Jun 2018 22:57

Tgt Ion: 75 Resp: 1270061

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

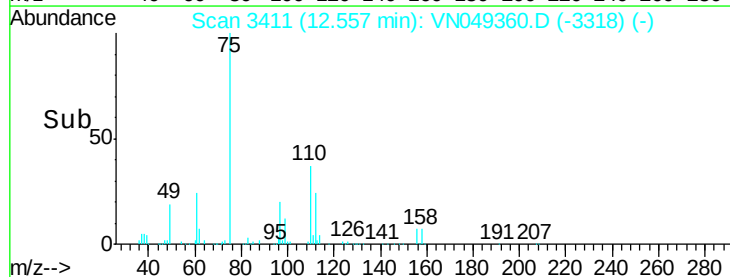
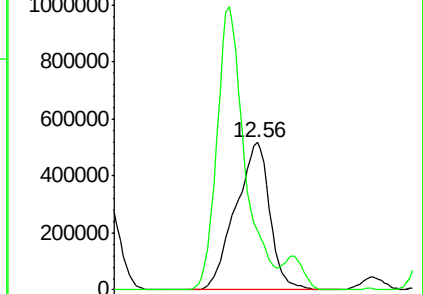
75 100

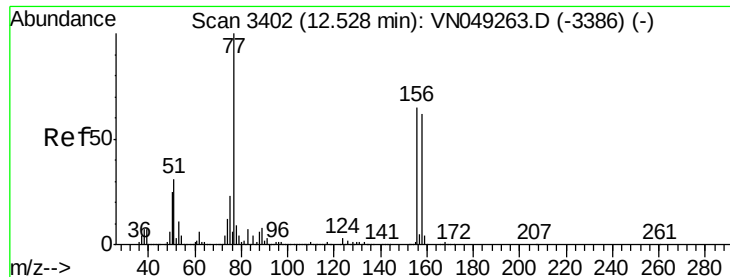
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 45.65 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049360.D

Acq: 18 Jun 2018 22:57

Instrument :

MSVOA_N

ClientSampleId :

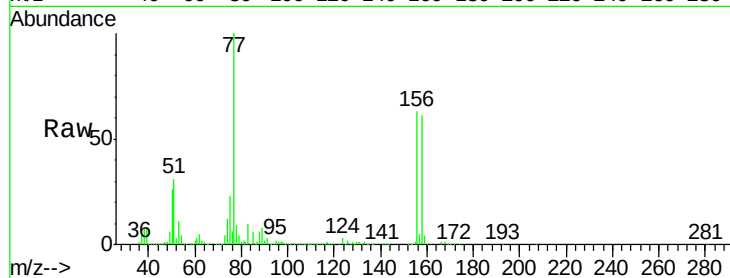
Tot Ion:156 Resp: 1072961

Ion Ratio Lower Upper

156 100

77 184.4 100.8 302.4

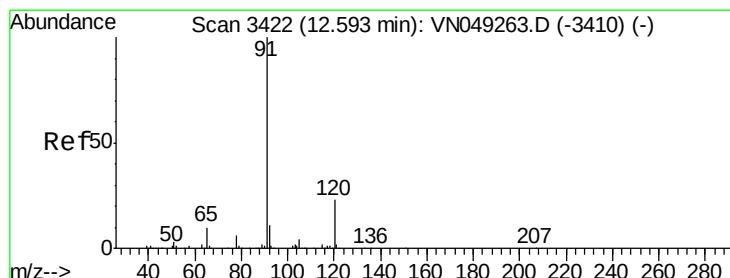
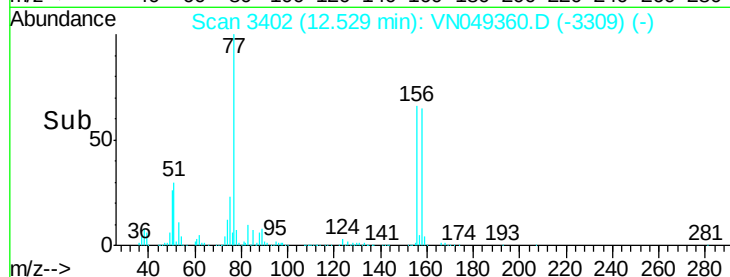
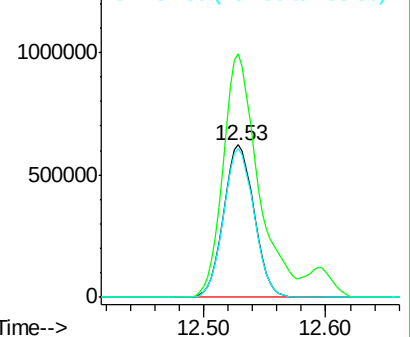
158 98.0 49.3 147.9



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: 49.76 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049360.D

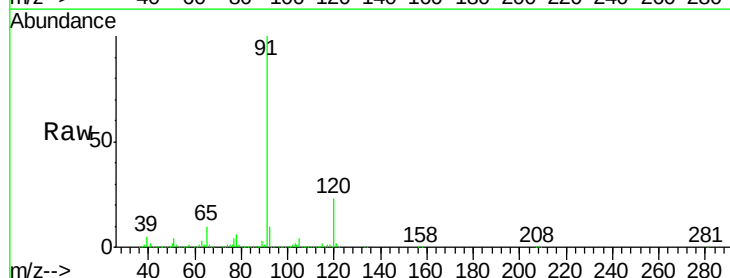
Acq: 18 Jun 2018 22:57

Tgt Ion: 91 Resp: 4860835

Ion Ratio Lower Upper

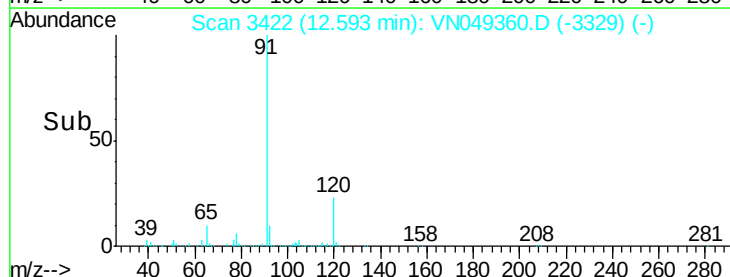
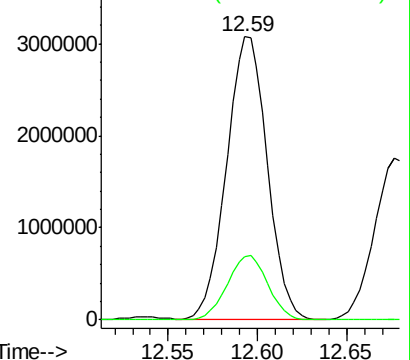
91 100

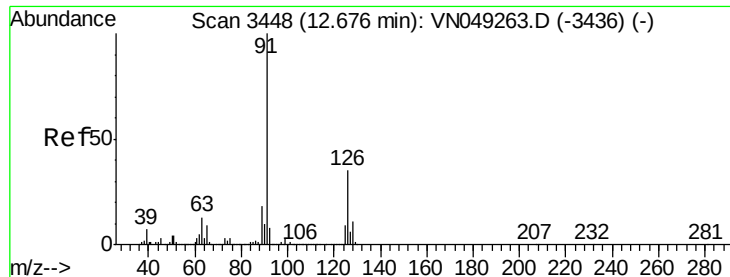
120 22.9 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.25 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049360.D

Acq: 18 Jun 2018 22:57

Instrument :

MSVOA_N

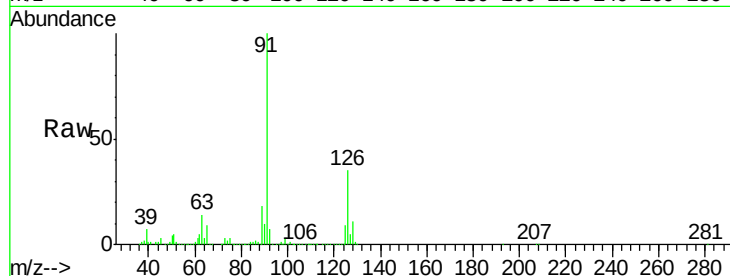
ClientSampled :

Tot Ion: 91 Resp: 2924674

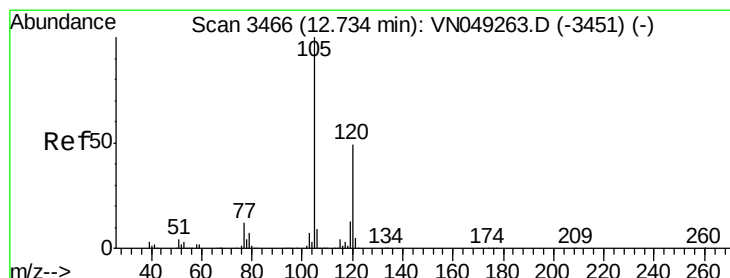
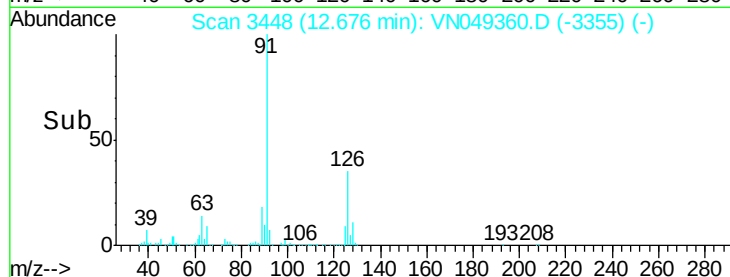
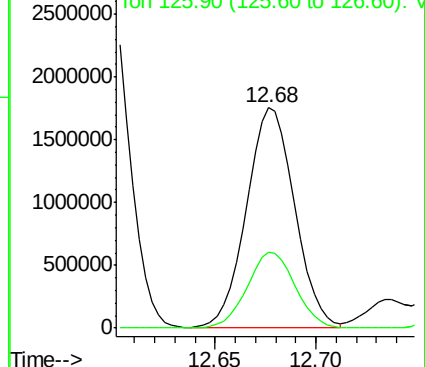
Ion Ratio Lower Upper

91 100

126 34.7 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN049263.D (-3436) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.07 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049360.D

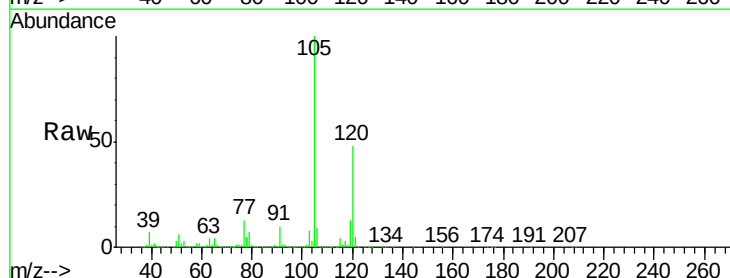
Acq: 18 Jun 2018 22:57

Tgt Ion:105 Resp: 3501410

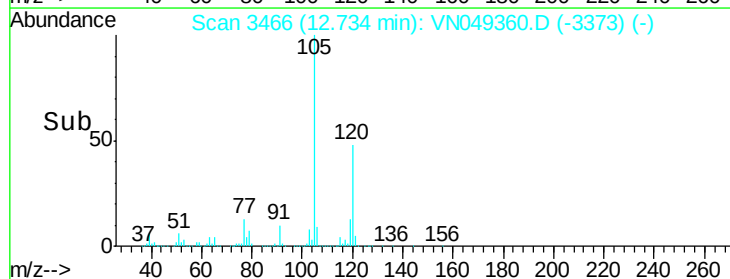
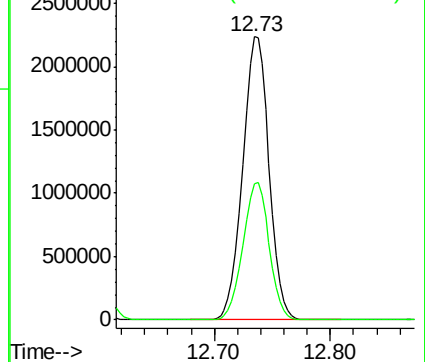
Ion Ratio Lower Upper

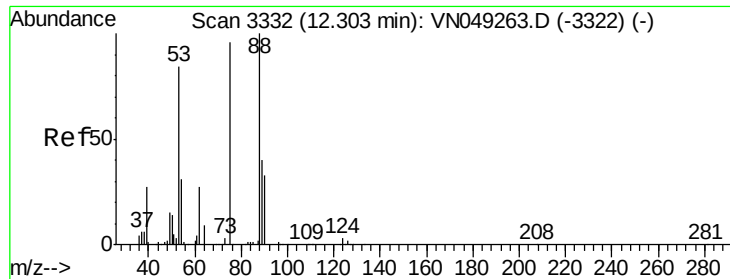
105 100

120 48.5 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): VN049263.D (-3451) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.51 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN049360.D

Acq: 18 Jun 2018 22:57

Instrument :

MSVOA_N

ClientSampled :

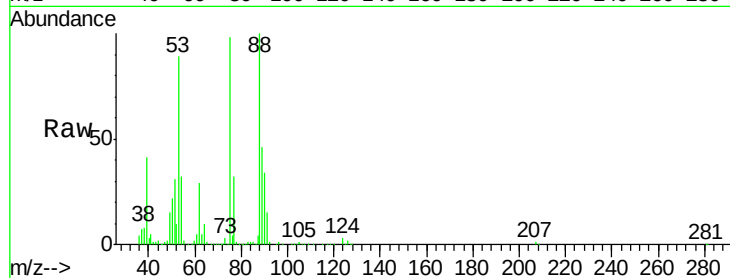
Tot Ion: 75 Resp: 270881

Ion Ratio Lower Upper

75 100

53 92.1 82.7 124.1

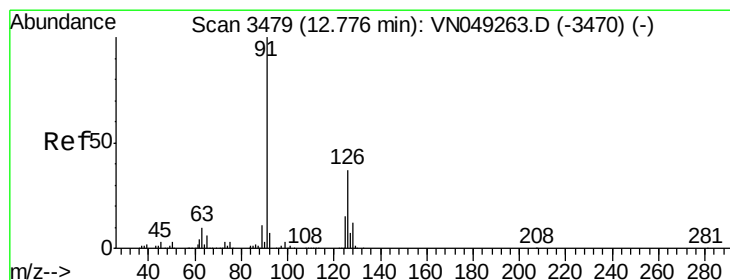
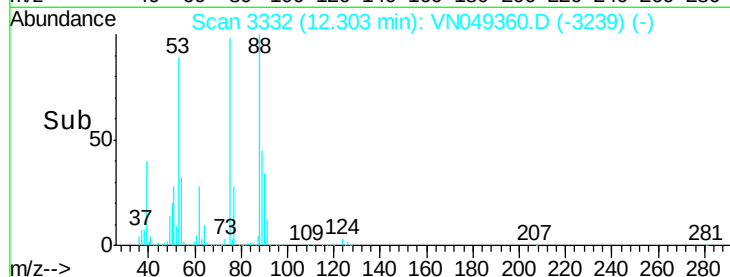
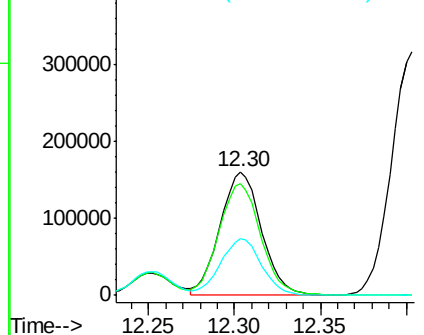
89 45.9 36.5 54.7



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: 49.16 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. 0.00 min

Lab File: VN049360.D

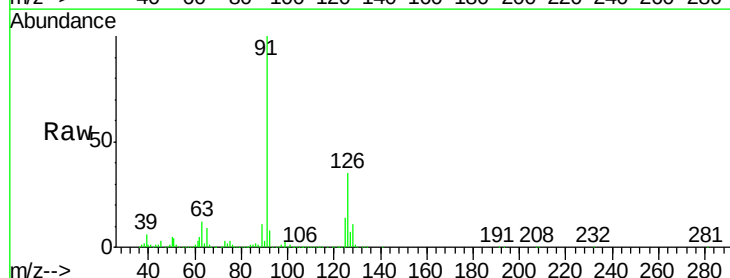
Acq: 18 Jun 2018 22:57

Tgt Ion: 91 Resp: 2935642

Ion Ratio Lower Upper

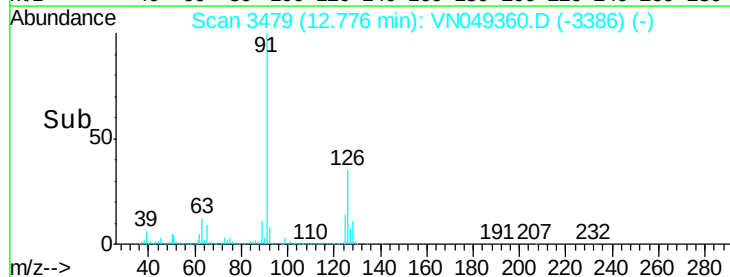
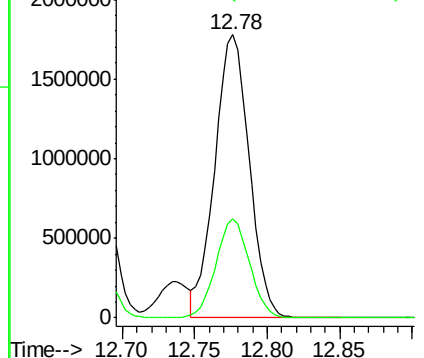
91 100

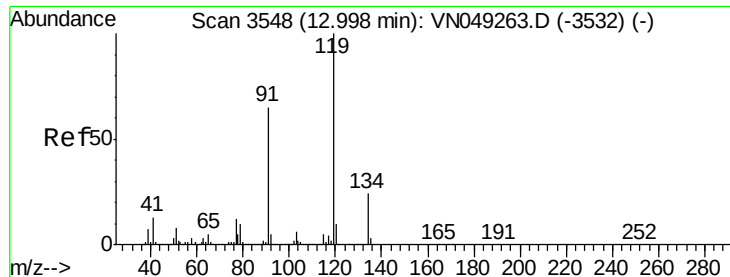
126 34.1 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

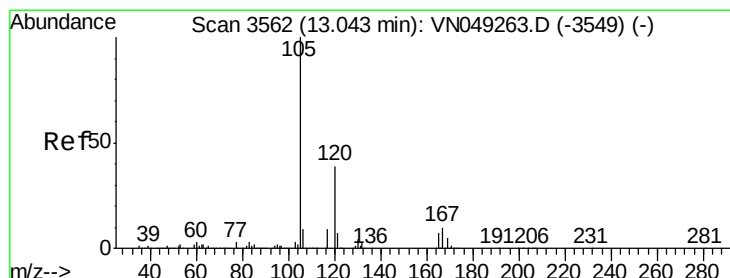
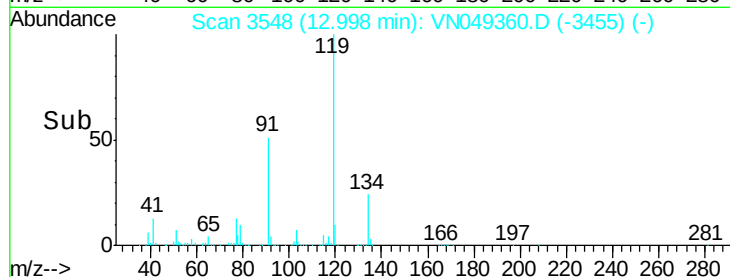
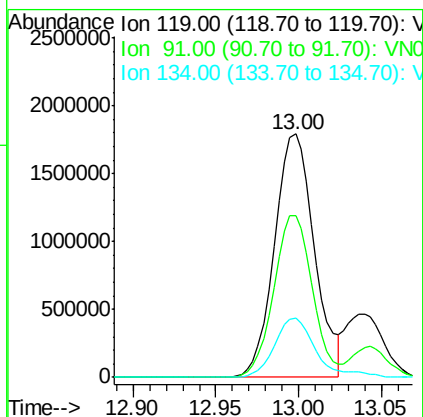
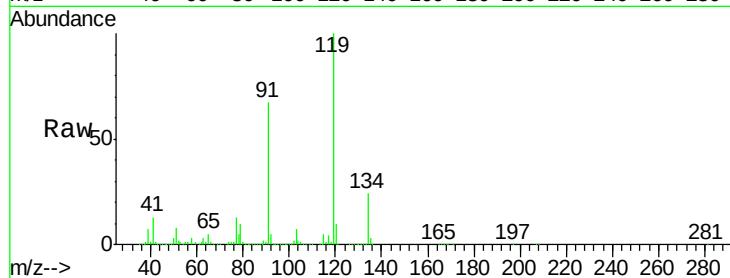




#83
 tert-Butylbenzene
 Concen: 48.52 ug/l
 RT: 13.00 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN049360.D
 Acq: 18 Jun 2018 22:57

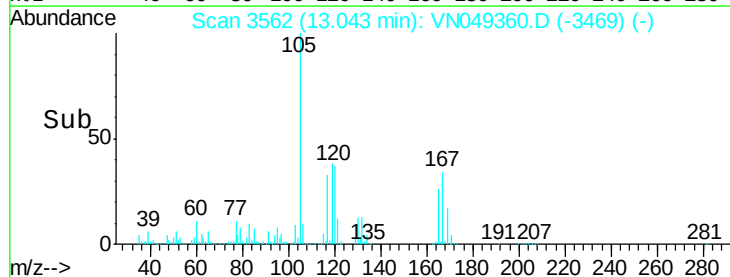
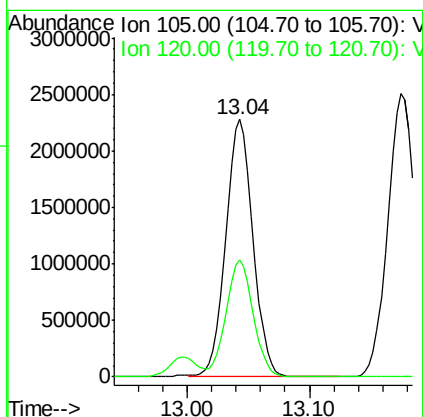
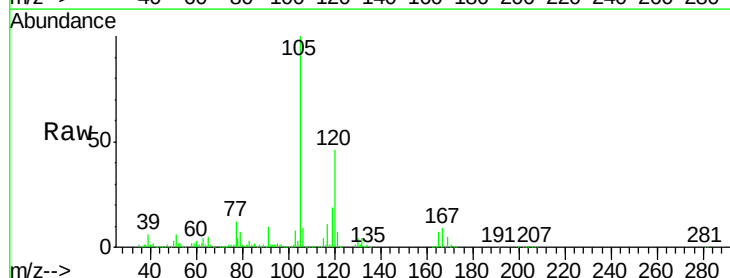
Instrument :
 MSVOA_N
 ClientSampleId :

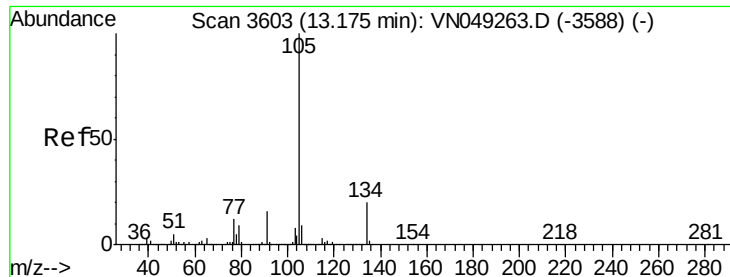
Tot Ion:119 Resp: 3006194
 Ion Ratio Lower Upper
 119 100
 91 64.2 33.7 101.0
 134 25.4 12.9 38.6



#84
 1,2,4-Trimethylbenzene
 Concen: 51.09 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049360.D
 Acq: 18 Jun 2018 22:57

Tgt Ion:105 Resp: 3549675
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 48.13 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049360.D

Acq: 18 Jun 2018 22:57

Instrument :

MSVOA_N

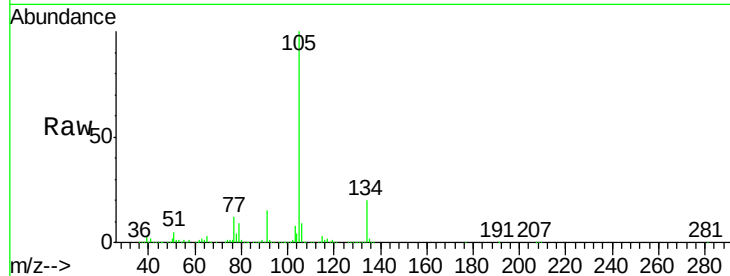
ClientSampleId :

Tot Ion:105 Resp: 3968712

Ion Ratio Lower Upper

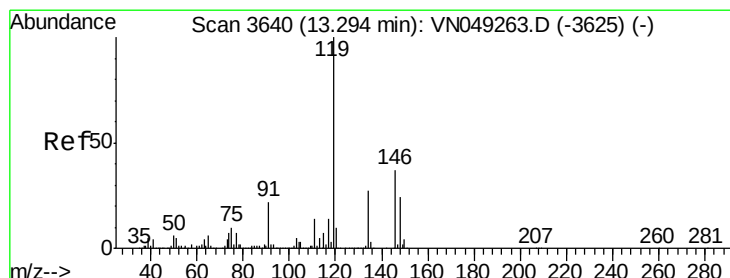
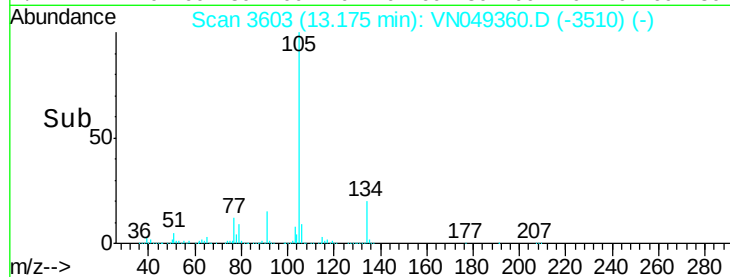
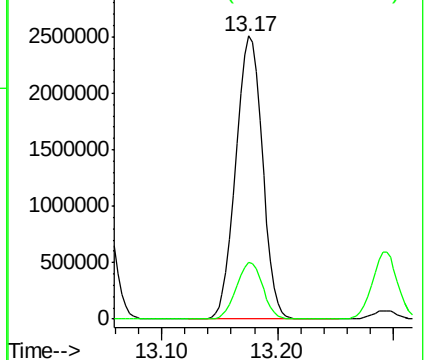
105 100

134 19.9 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.90 ug/l

RT: 13.29 min Scan# 3640

Delta R.T. 0.00 min

Lab File: VN049360.D

Acq: 18 Jun 2018 22:57

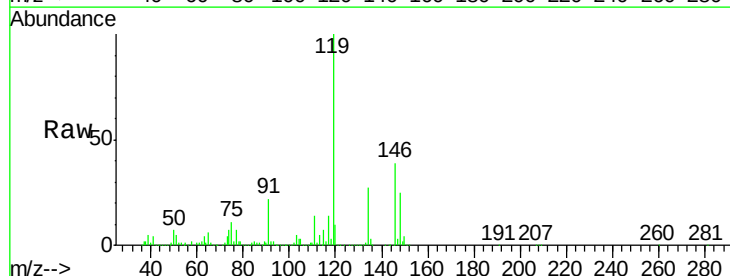
Tgt Ion:119 Resp: 3438046

Ion Ratio Lower Upper

119 100

134 26.3 12.9 38.6

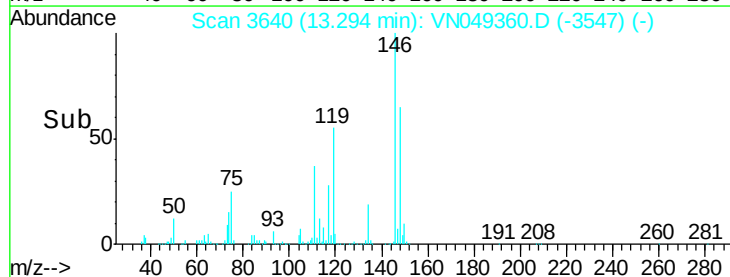
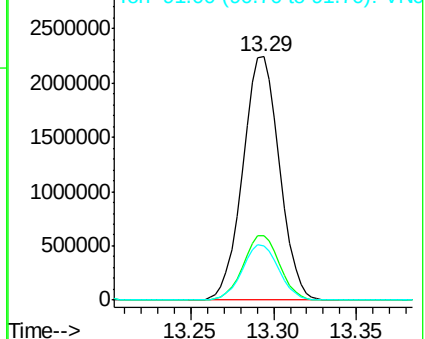
91 22.7 12.1 36.3

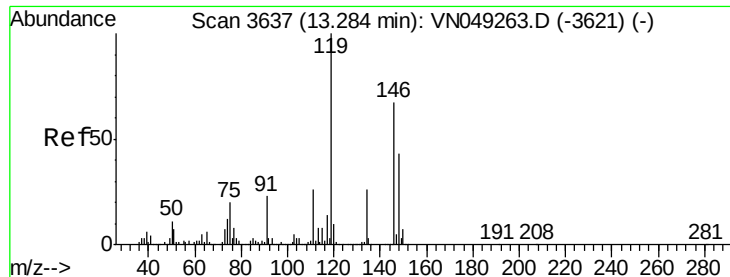


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



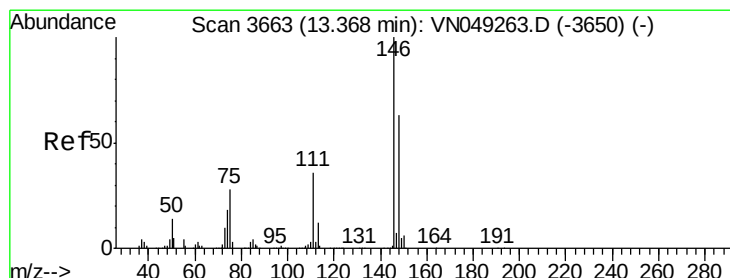
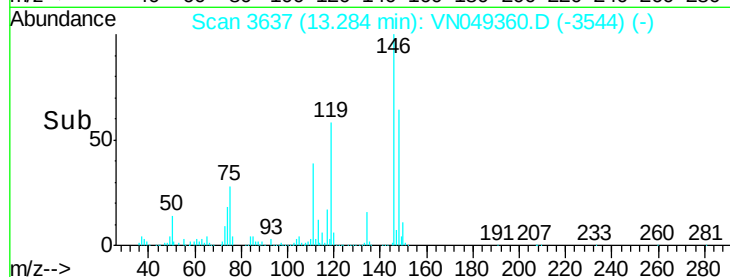
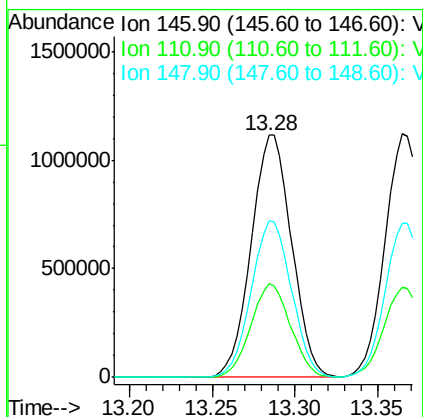
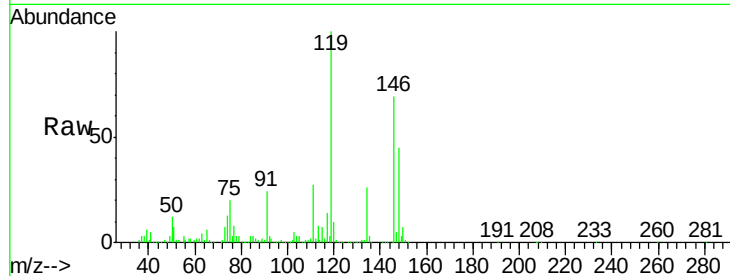


#87
 1,3-Dichlorobenzene
 Concen: 48.87 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049360.D
 Acq: 18 Jun 2018 22:57

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:146 Resp: 1889598

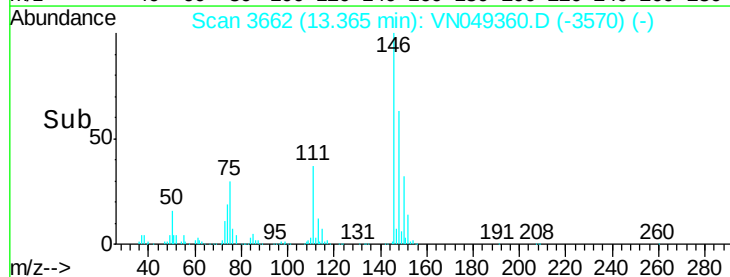
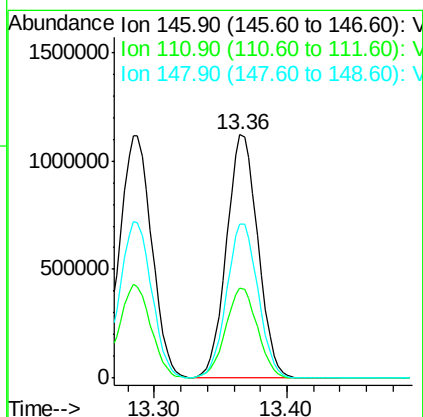
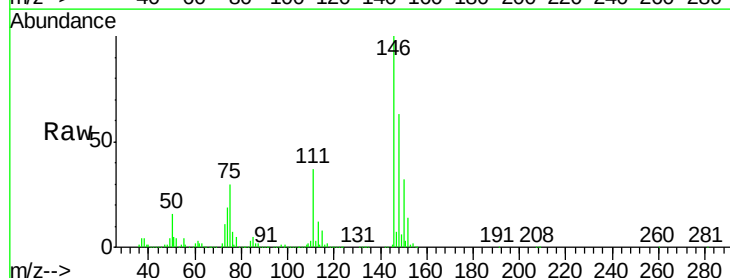
Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.9	59.6
148	64.3	32.1	96.5

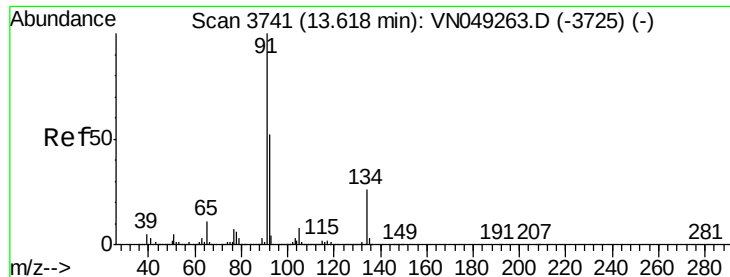


#88
 1,4-Dichlorobenzene
 Concen: 48.01 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN049360.D
 Acq: 18 Jun 2018 22:57

Tgt Ion:146 Resp: 1839818

Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.1	57.1
148	63.4	32.0	96.2





#89

n-Butylbenzene

Concen: 50.27 ug/l

RT: 13.62 min Scan# 3741

Delta R.T. 0.00 min

Lab File: VN049360.D

Acq: 18 Jun 2018 22:57

Instrument :

MSVOA_N

ClientSampleId :

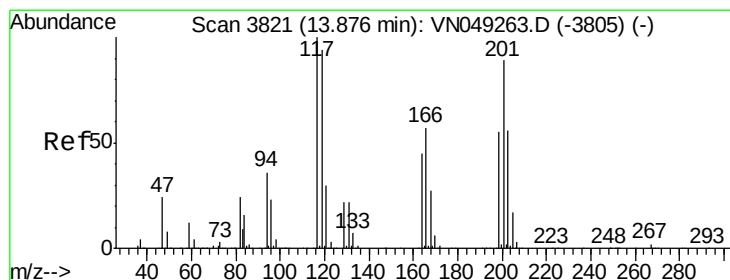
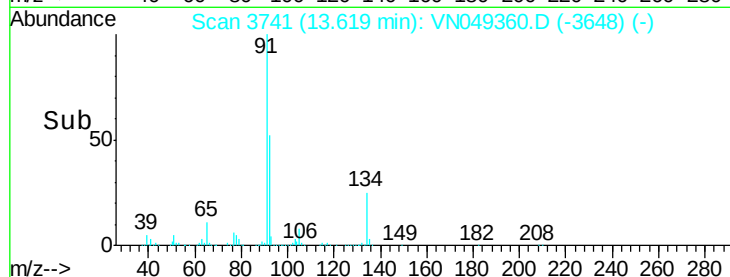
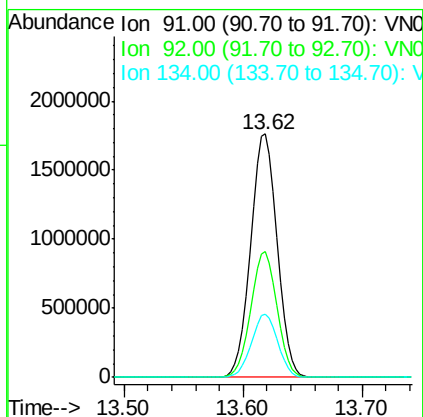
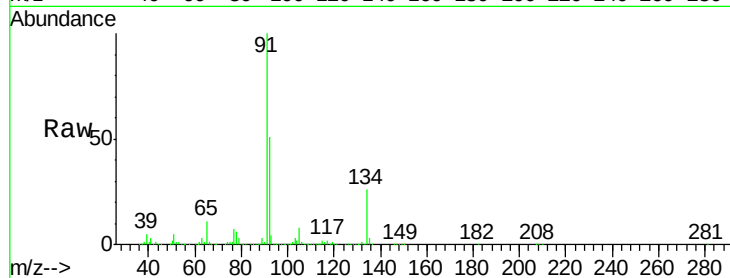
Tot Ion: 91 Resp: 2705291

Ion Ratio Lower Upper

91 100

92 51.3 25.1 75.4

134 25.8 12.0 36.0



#90

Hexachloroethane

Concen: 50.37 ug/l

RT: 13.88 min Scan# 3822

Delta R.T. 0.00 min

Lab File: VN049360.D

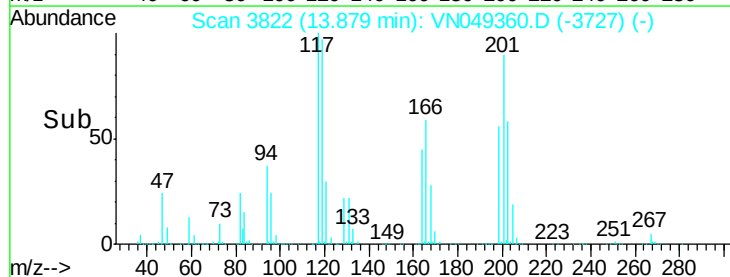
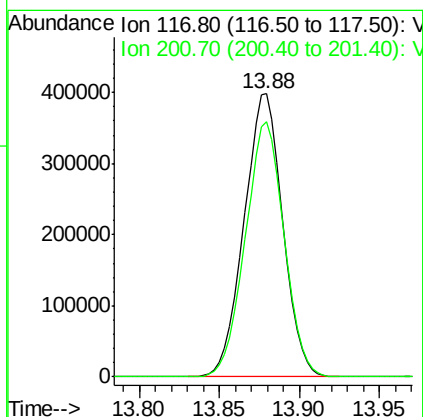
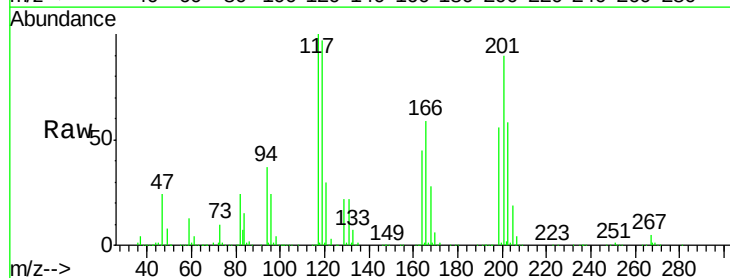
Acq: 18 Jun 2018 22:57

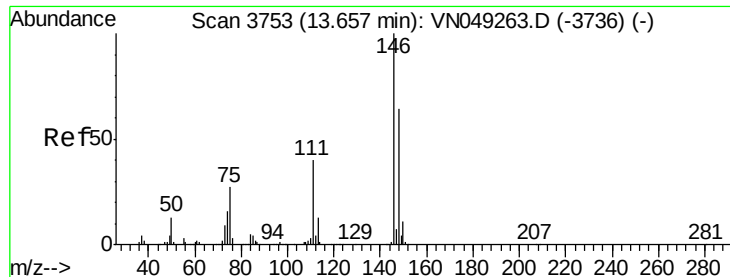
Tgt Ion: 117 Resp: 656604

Ion Ratio Lower Upper

117 100

201 90.6 40.1 120.2

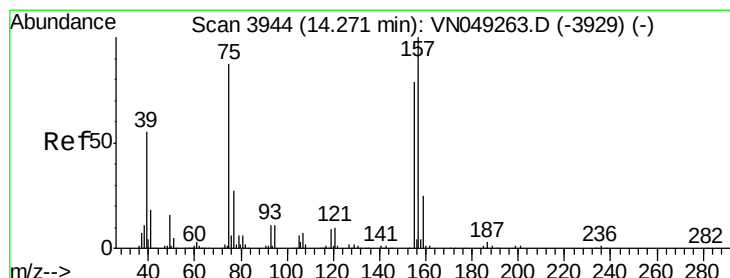
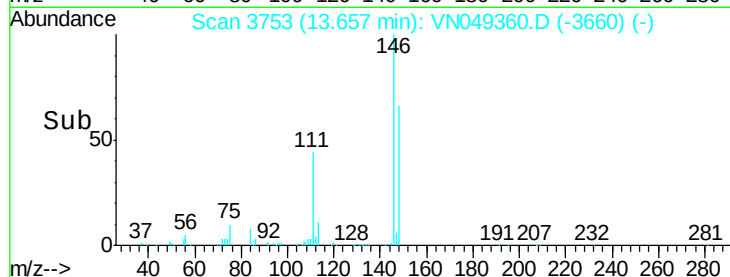
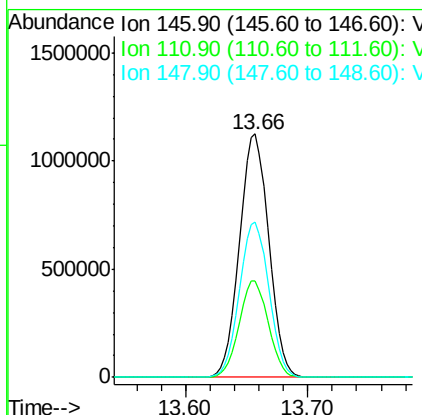
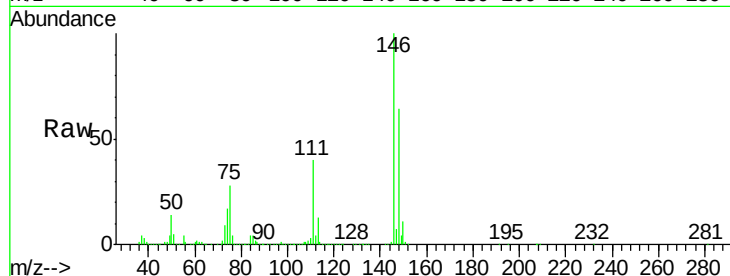




#91
 1,2-Dichlorobenzene
 Concen: 49.08 ug/l
 RT: 13.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VN049360.D
 Acq: 18 Jun 2018 22:57

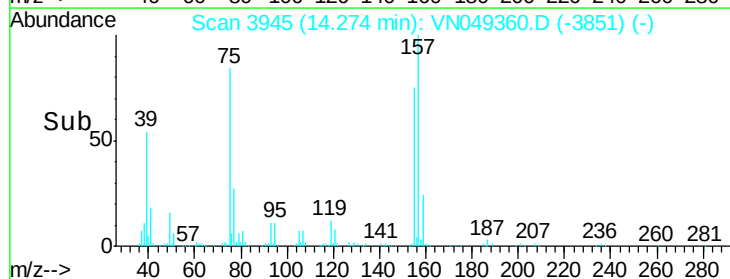
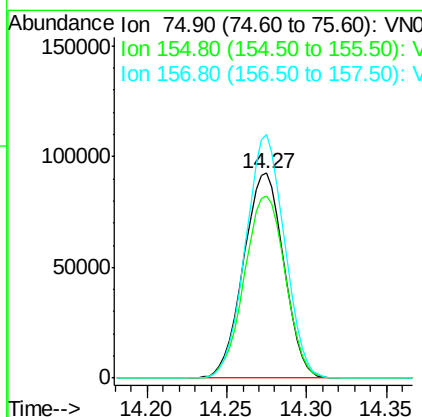
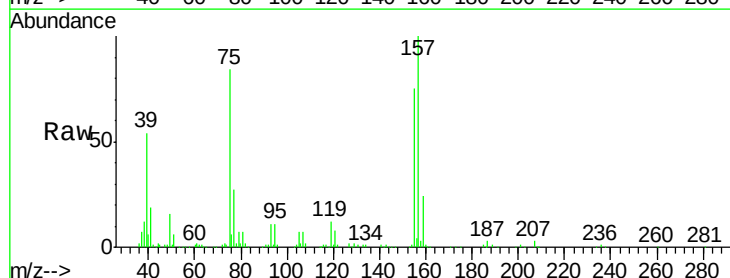
Instrument :
 MSVOA_N
 ClientSampleId :

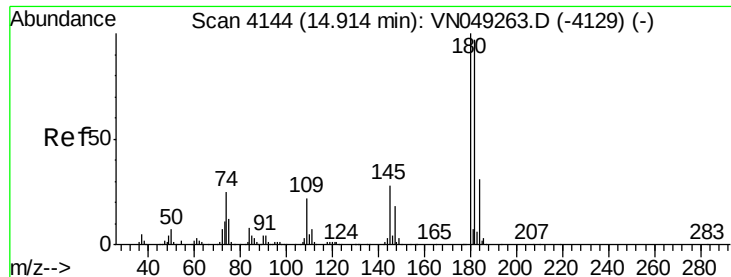
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.8	62.2
148	64.1	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.72 ug/l
 RT: 14.27 min Scan# 3945
 Delta R.T. 0.00 min
 Lab File: VN049360.D
 Acq: 18 Jun 2018 22:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.1	38.8	116.3
157	114.8	51.0	153.1

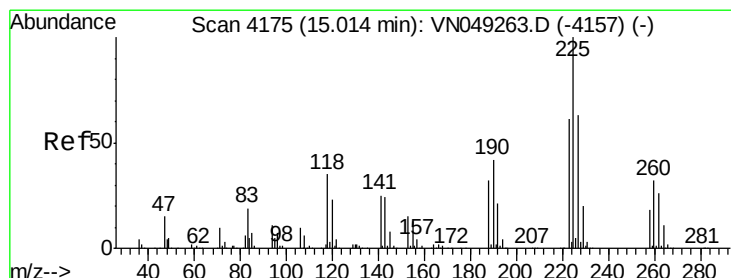
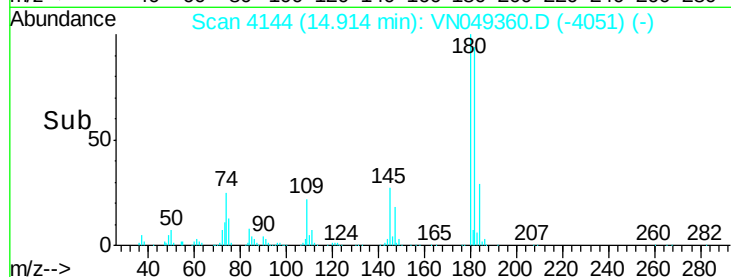
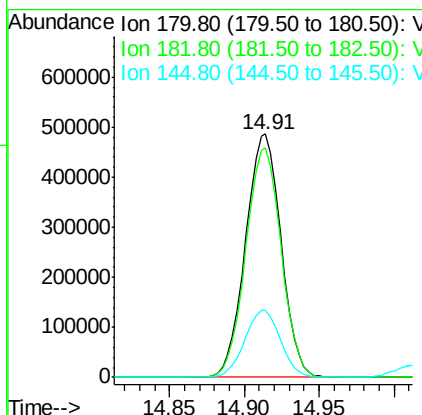
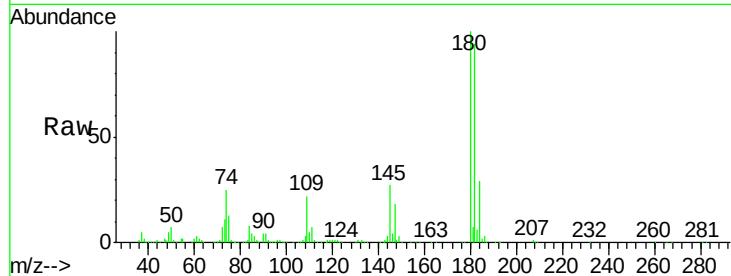




#93
 1,2,4-Trichlorobenzene
 Concen: 46.59 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049360.D
 Acq: 18 Jun 2018 22:57

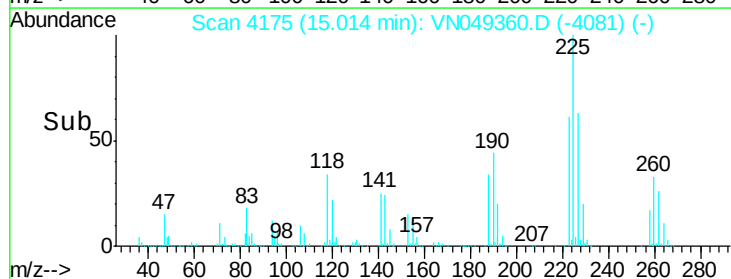
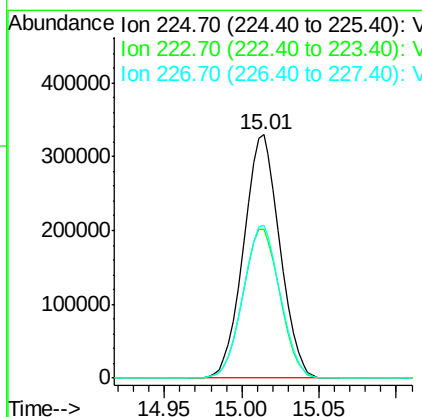
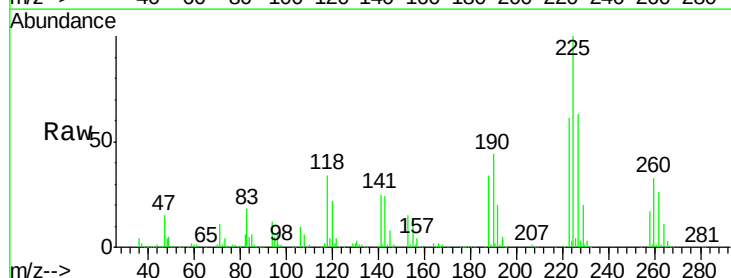
Instrument :
 MSVOA_N
 ClientSampled :

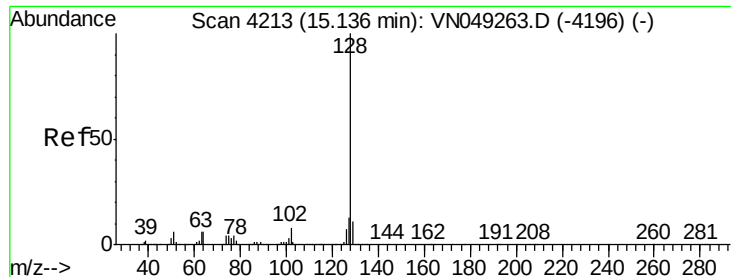
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	46.9	140.8
145	27.6	14.7	44.1



#94
 Hexachlorobutadiene
 Concen: 48.30 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049360.D
 Acq: 18 Jun 2018 22:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	32.1	96.3
227	63.9	31.8	95.3

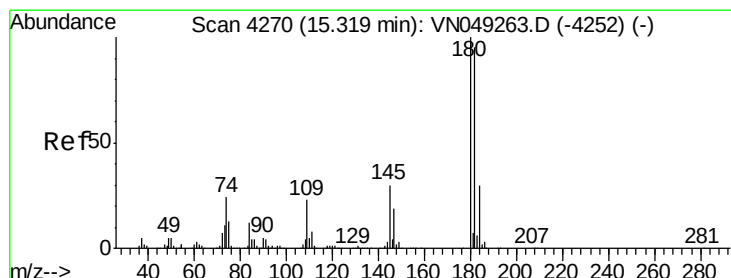
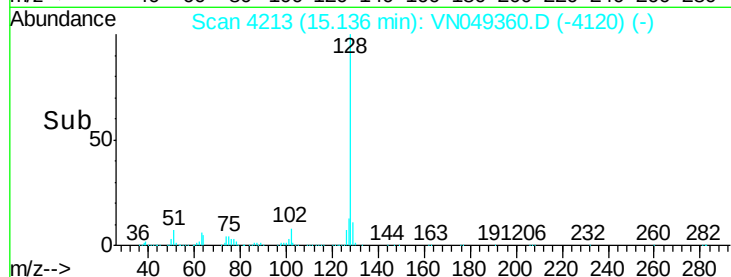
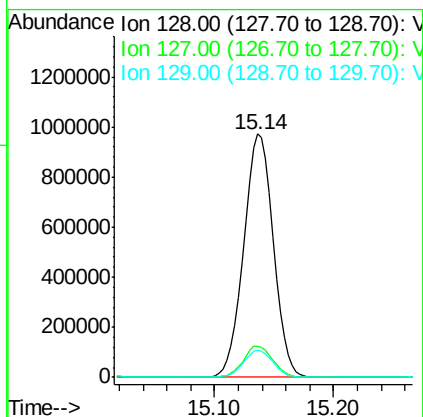
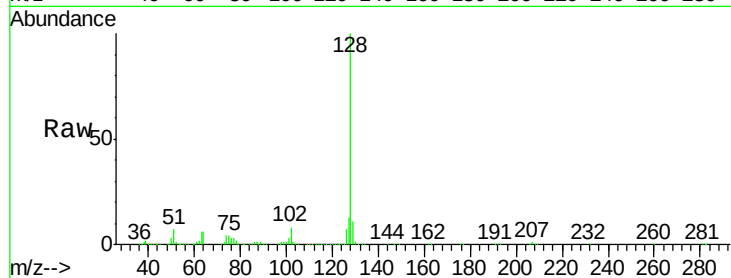




#95
Naphthalene
Concen: 53.66 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049360.D
Acq: 18 Jun 2018 22:57

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 1675355
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 11.0 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 48.07 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. -0.00 min
Lab File: VN049360.D
Acq: 18 Jun 2018 22:57

Tgt Ion:180 Resp: 814234
Ion Ratio Lower Upper
180 100
182 96.3 47.3 141.8
145 30.9 15.6 46.7

