

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
 Data File : VN049412.D
 Acq On : 20 Jun 2018 3:38
 Operator : MD\SY
 Sample : VN0619WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 20 06:05:27 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	1460061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2260068	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2001047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	921344	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	906807	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	
35) Dibromofluoromethane	7.59	113	828112	45.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.58%	
50) Toluene-d8	10.09	98	3071032	44.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.22%	
62) 4-Bromofluorobenzene	12.40	95	978352	42.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	332378	19.78	ug/l	99
3) Chloromethane	2.06	50	407350	18.77	ug/l	96
4) Vinyl Chloride	2.18	62	446760	19.37	ug/l	100
5) Bromomethane	2.57	94	239776	19.78	ug/l	98
6) Chloroethane	2.71	64	276252	20.09	ug/l	100
7) Trichlorofluoromethane	3.02	101	577151	20.06	ug/l	99
8) Diethyl Ether	3.41	74	197543	19.67	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.75	101	351782	19.28	ug/l	93
10) Methyl Iodide	3.95	142	376021	19.79	ug/l	92
11) Tert butyl alcohol	4.80	59	105764	93.05	ug/l #	93
12) 1,1-Dichloroethene	3.73	96	326182	19.48	ug/l	91
13) Acrolein	3.61	56	160652	134.78	ug/l	99
14) Allyl chloride	4.32	41	493693	18.68	ug/l	89
15) Acrylonitrile	4.99	53	545987	96.07	ug/l	97
16) Acetone	3.82	43	380559	80.94	ug/l	89
17) Carbon Disulfide	4.05	76	978649	18.65	ug/l	99
18) Methyl Acetate	4.33	43	284103	19.82	ug/l	94
19) Methyl tert-butyl Ether	5.05	73	843784	19.77	ug/l	99
20) Methylene Chloride	4.55	84	374609	19.08	ug/l	92
21) trans-1,2-Dichloroethene	5.04	96	338163	19.08	ug/l	90
22) Diisopropyl ether	5.96	45	1072258	20.31	ug/l	96
23) Vinyl Acetate	5.90	43	3334334	96.90	ug/l	95
24) 1,1-Dichloroethane	5.85	63	665103	19.69	ug/l	99
25) 2-Butanone	6.84	43	572213	90.63	ug/l	97
26) 2,2-Dichloropropane	6.83	77	378152	13.86	ug/l	95
27) cis-1,2-Dichloroethene	6.83	96	390060	19.80	ug/l	88
28) Bromochloromethane	7.19	49	285802	19.08	ug/l	85
29) Tetrahydrofuran	7.22	42	384804	94.68	ug/l	94
30) Chloroform	7.37	83	668840	19.89	ug/l	98
31) Cyclohexane	7.66	56	569547	19.78	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	574459	20.02	ug/l	97
36) 1,1-Dichloropropene	7.79	75	491062	18.96	ug/l	97
37) Ethyl Acetate	6.94	43	276556	19.64	ug/l	98
38) Carbon Tetrachloride	7.78	117	505427	18.85	ug/l	98

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 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)

39) Methylcyclohexane	9.08	83	495805	17.83	ug/l	98
40) Benzene	8.04	78	1501999	18.91	ug/l	99
41) Methacrylonitrile	7.18	41	148890	19.56	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	464863	18.95	ug/l	96
43) Isopropyl Acetate	8.17	43	516813	19.21	ug/l	97
44) Trichloroethene	8.84	130	401670	19.15	ug/l	93
45) 1,2-Dichloropropane	9.12	63	390027	18.76	ug/l	98
46) Dibromomethane	9.21	93	227776	18.89	ug/l	92
47) Bromodichloromethane	9.40	83	500728	18.90	ug/l	97
48) Methyl methacrylate	9.20	41	244360	19.29	ug/l	87
49) 1,4-Dioxane	9.20	88	62195	355.67	ug/l #	93
51) 4-Methyl-2-Pentanone	9.99	43	1332491	94.49	ug/l	96
52) Toluene	10.16	92	916775	19.67	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	436666	17.23	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	525066	17.54	ug/l	90
55) 1,1,2-Trichloroethane	10.56	97	327697	18.86	ug/l	97
56) Ethyl methacrylate	10.43	69	373852	18.65	ug/l #	87
57) 1,3-Dichloropropane	10.71	76	541803	18.82	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	472476	76.48	ug/l	94
59) 2-Hexanone	10.76	43	808473	88.93	ug/l	93
60) Dibromochloromethane	10.90	129	363321	18.73	ug/l	97
61) 1,2-Dibromoethane	11.01	107	307146	19.02	ug/l	99
64) Tetrachloroethene	10.63	164	440916	21.50	ug/l	98
65) Chlorobenzene	11.44	112	986405	19.14	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	367053	18.92	ug/l	99
67) Ethyl Benzene	11.51	91	1659465	19.41	ug/l	99
68) m/p-Xylenes	11.62	106	1272056	39.64	ug/l	97
69) o-Xylene	11.95	106	605904	19.60	ug/l	96
70) Styrene	11.97	104	966843	19.83	ug/l	99
71) Bromoform	12.13	173	236605	18.84	ug/l #	99
73) Isopropylbenzene	12.25	105	1604785	19.84	ug/l	98
74) N-amyl acetate	12.07	43	366783	18.51	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.51	83	350462	19.70	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	438573	27.90	ug/l #	100
77) Bromobenzene	12.53	156	395921	18.53	ug/l	92
78) n-propylbenzene	12.59	91	1762867	19.85	ug/l	99
79) 2-Chlorotoluene	12.68	91	1109311	19.71	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	1296805	20.39	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	78670	15.82	ug/l	96
82) 4-Chlorotoluene	12.78	91	1080038	19.89	ug/l	98
83) tert-Butylbenzene	13.00	119	1113703	19.77	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	1297397	20.54	ug/l	99
85) sec-Butylbenzene	13.17	105	1438319	19.18	ug/l	99
86) p-Isopropyltoluene	13.29	119	1198998	19.14	ug/l	98
87) 1,3-Dichlorobenzene	13.29	146	660788	18.80	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	651247	18.69	ug/l	100
89) n-Butylbenzene	13.62	91	847063	17.31	ug/l	98
90) Hexachloroethane	13.88	117	243409	19.50	ug/l	86
91) 1,2-Dichlorobenzene	13.66	146	667474	19.36	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	49686	17.64	ug/l	90

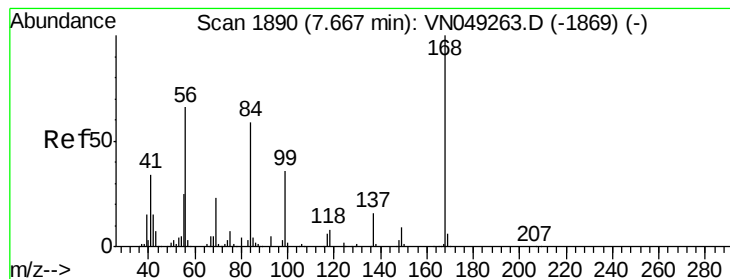
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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	203462	16.40	ug/l	98
94) Hexachlorobutadiene	15.01	225	200542	18.16	ug/l	98
95) Naphthalene	15.14	128	397409	16.98	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	230096	17.32	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049412.D

Acq: 20 Jun 2018 3:38

Instrument :

MSVOA_N

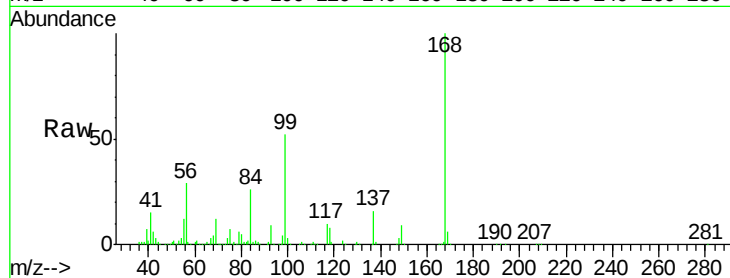
ClientSampled :

Tot Ion:168 Resp: 1460061

Ion Ratio Lower Upper

168 100

99 51.7 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

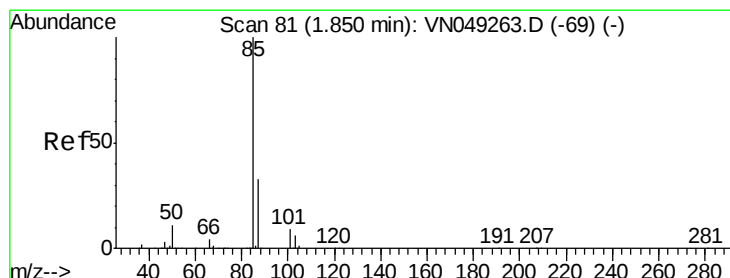
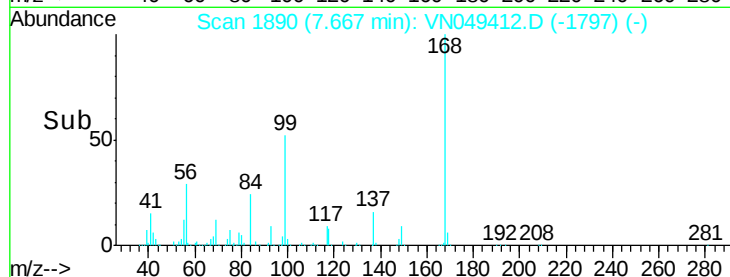
400000

200000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.78 ug/l

RT: 1.85 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN049412.D

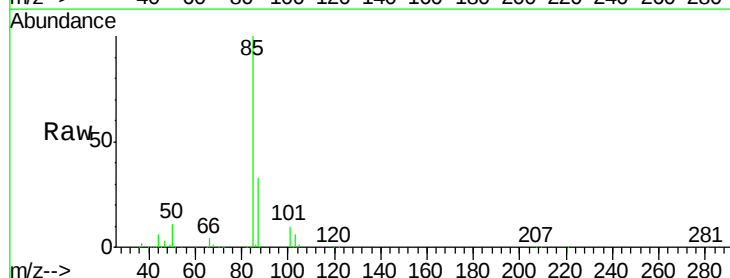
Acq: 20 Jun 2018 3:38

Tgt Ion: 85 Resp: 332378

Ion Ratio Lower Upper

85 100

87 32.8 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

250000

200000

150000

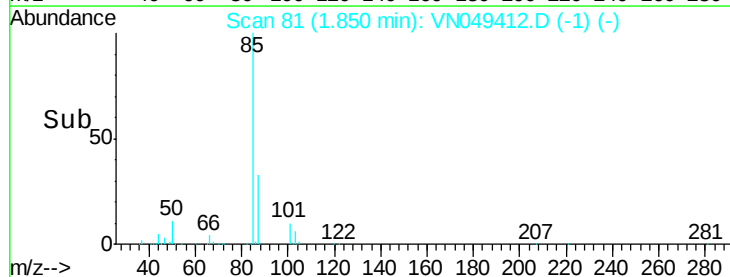
100000

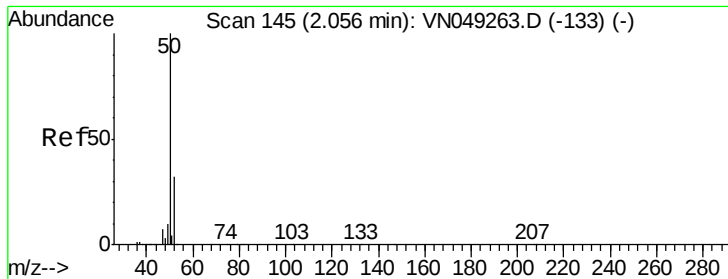
50000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 18.77 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN049412.D

Acq: 20 Jun 2018 3:38

Instrument :

MSVOA_N

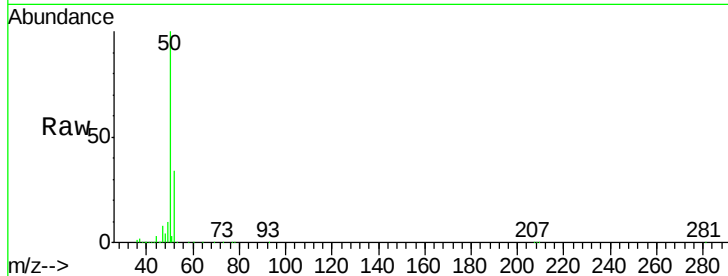
ClientSampleId :

Tot Ion: 50 Resp: 407350

Ion Ratio Lower Upper

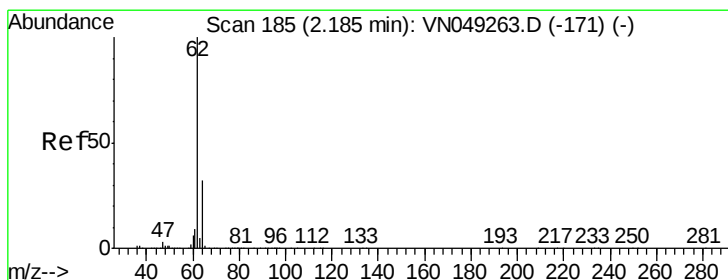
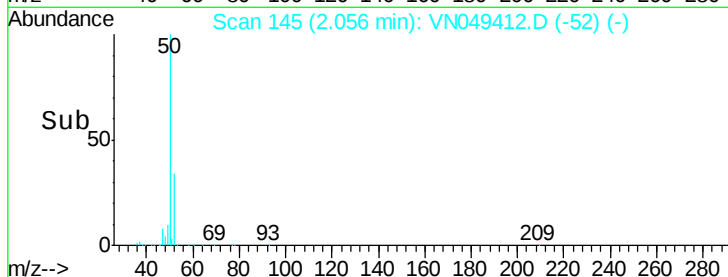
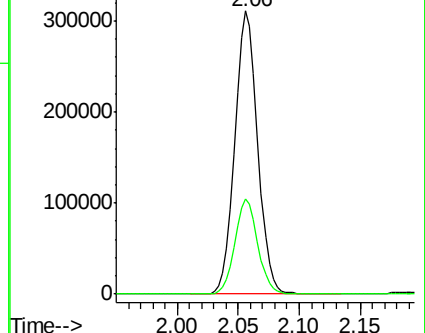
50 100

52 33.6 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VN049412.D (-133) (-)

Ion 51.90 (51.60 to 52.60): VN049412.D (-133) (-)



#4

Vinyl Chloride

Concen: 19.37 ug/l

RT: 2.18 min Scan# 185

Delta R.T. -0.00 min

Lab File: VN049412.D

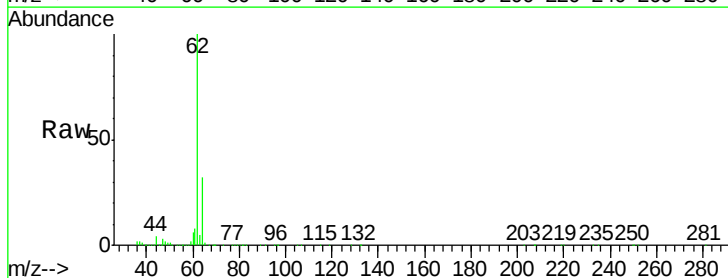
Acq: 20 Jun 2018 3:38

Tgt Ion: 62 Resp: 446760

Ion Ratio Lower Upper

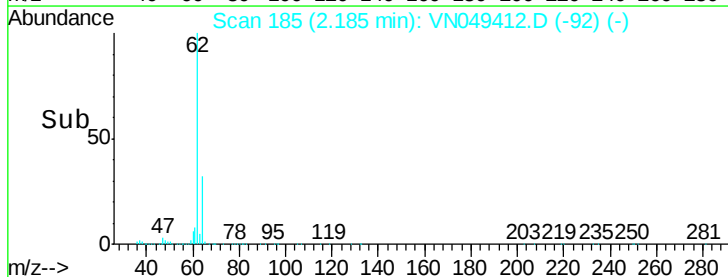
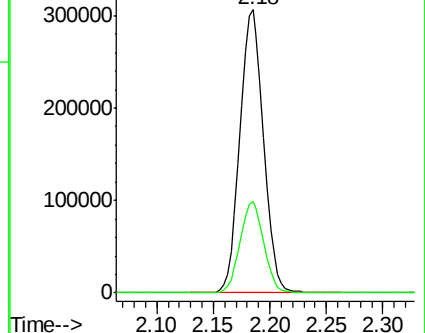
62 100

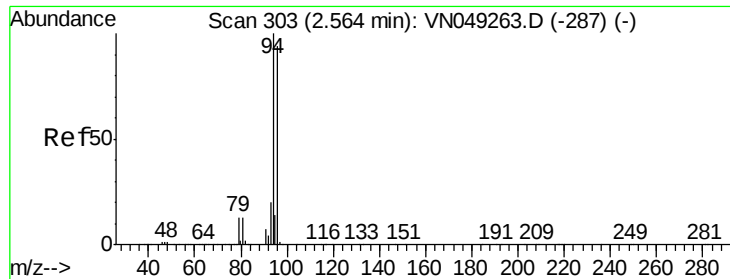
64 32.3 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN049412.D (-171) (-)

Ion 63.90 (63.60 to 64.60): VN049412.D (-171) (-)





#5

Bromomethane

Concen: 19.78 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.00 min

Lab File: VN049412.D

Acq: 20 Jun 2018 3:38

Instrument :

MSVOA_N

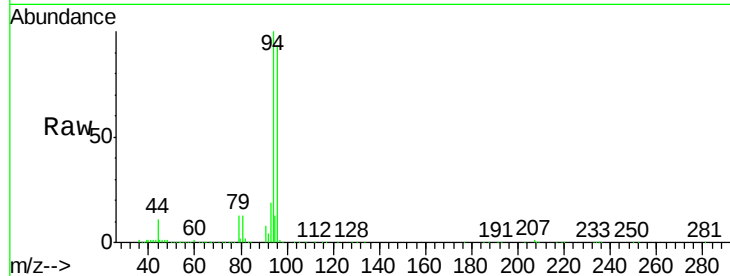
ClientSampled :

Tot Ion: 94 Resp: 239776

Ion Ratio Lower Upper

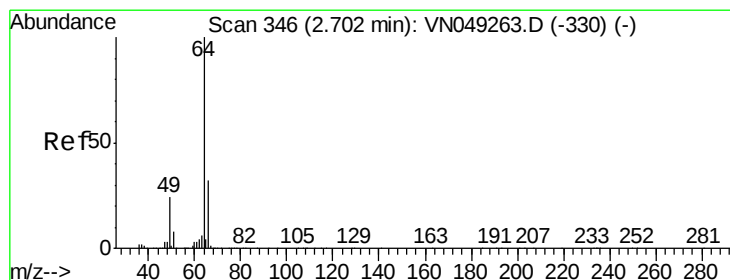
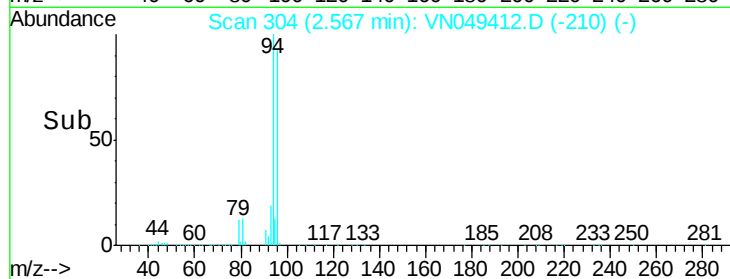
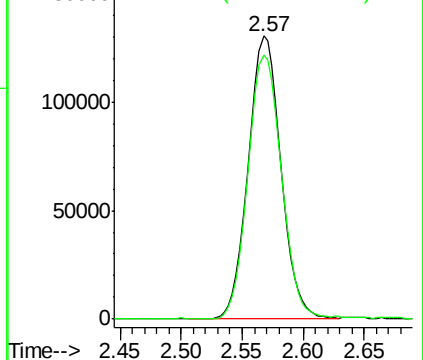
94 100

96 93.3 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: 20.09 ug/l

RT: 2.71 min Scan# 347

Delta R.T. 0.00 min

Lab File: VN049412.D

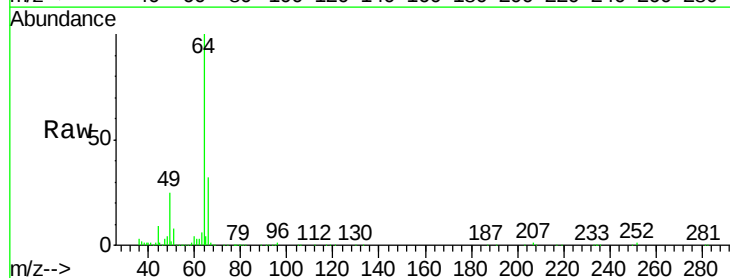
Acq: 20 Jun 2018 3:38

Tgt Ion: 64 Resp: 276252

Ion Ratio Lower Upper

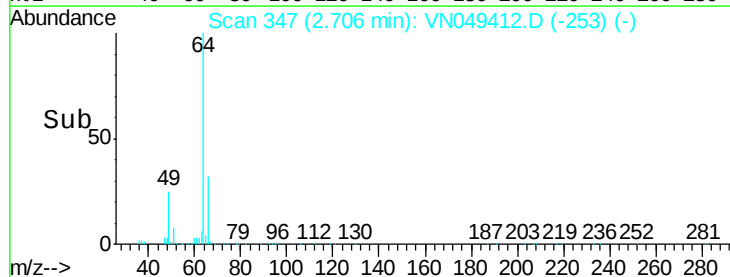
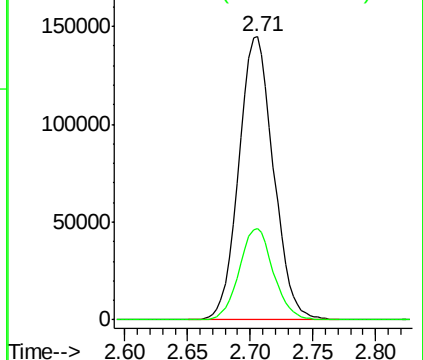
64 100

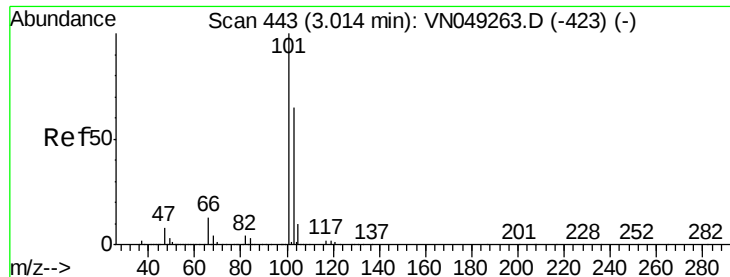
66 32.1 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

Trichlorofluoromethane

Concen: 20.06 ug/l

RT: 3.02 min Scan# 444

Delta R.T. 0.00 min

Lab File: VN049412.D

Acq: 20 Jun 2018 3:38

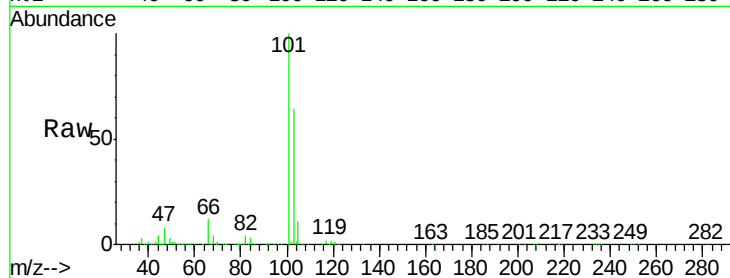
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:101 Resp: 577151

Ion Ratio Lower Upper

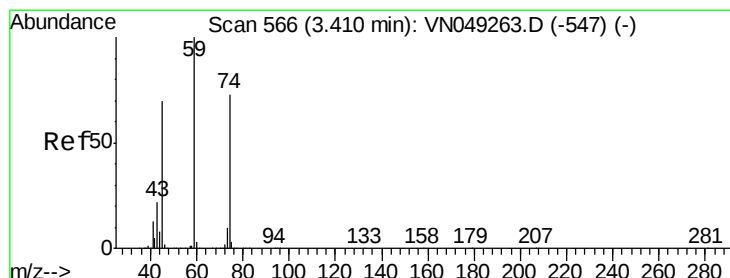
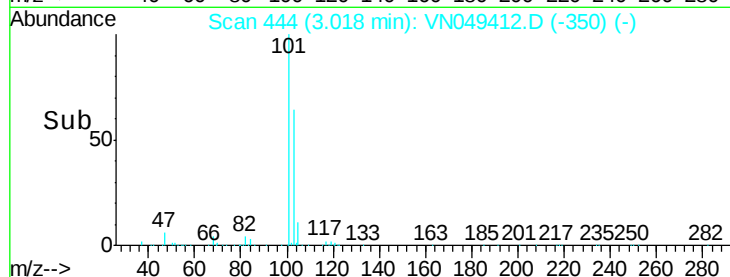
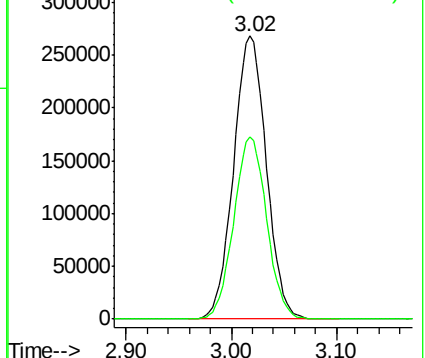
101 100

103 64.2 51.7 77.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 19.67 ug/l

RT: 3.41 min Scan# 566

Delta R.T. -0.00 min

Lab File: VN049412.D

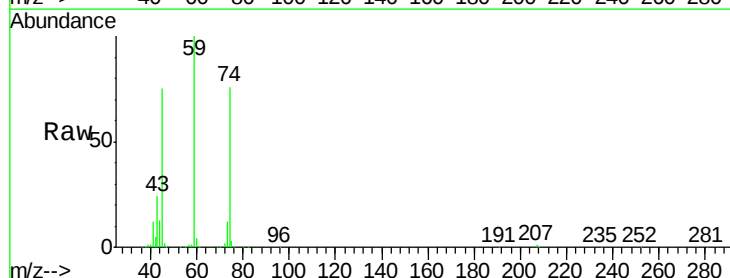
Acq: 20 Jun 2018 3:38

Tgt Ion: 74 Resp: 197543

Ion Ratio Lower Upper

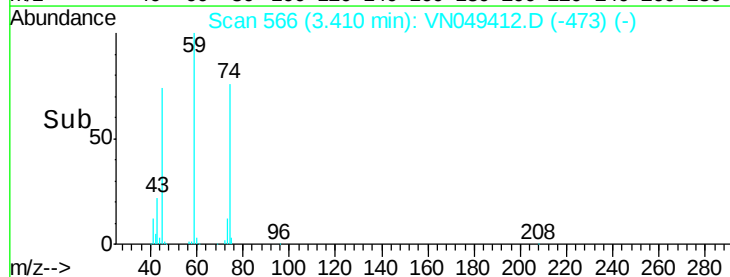
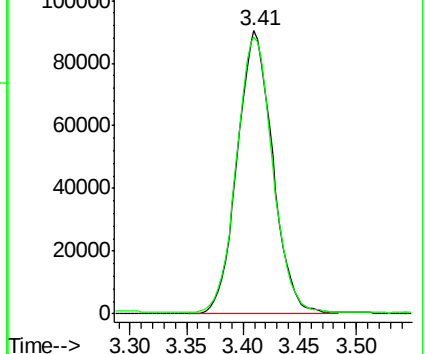
74 100

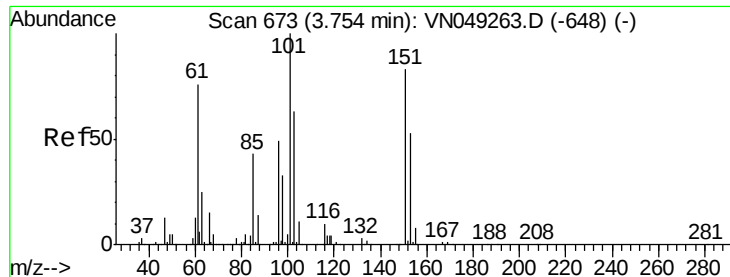
45 99.2 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.28 ug/l

RT: 3.75 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN049412.D

Acq: 20 Jun 2018 3:38

Instrument :

MSVOA_N

ClientSampled :

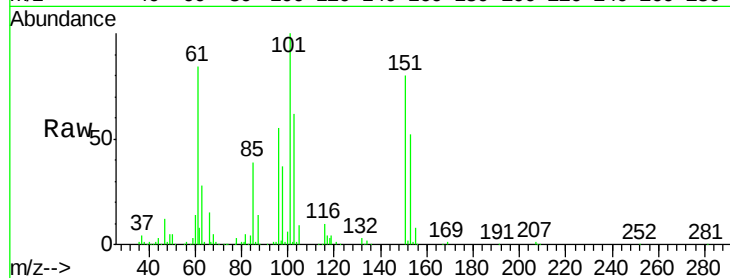
Tot Ion:101 Resp: 351782

Ion Ratio Lower Upper

101 100

85 41.5 37.6 56.4

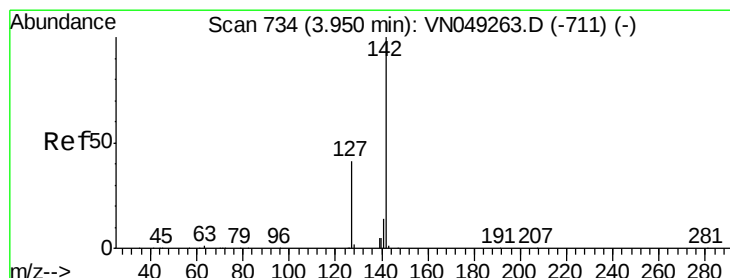
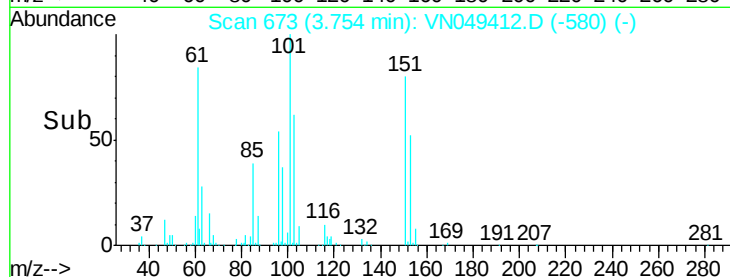
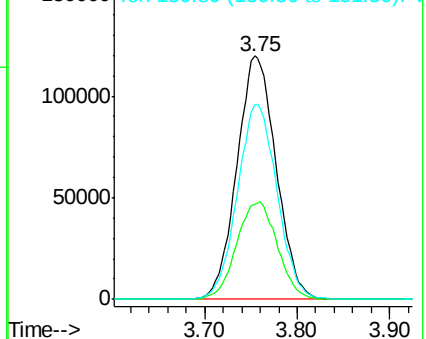
151 81.1 61.1 91.7



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: 19.79 ug/l

RT: 3.95 min Scan# 735

Delta R.T. 0.00 min

Lab File: VN049412.D

Acq: 20 Jun 2018 3:38

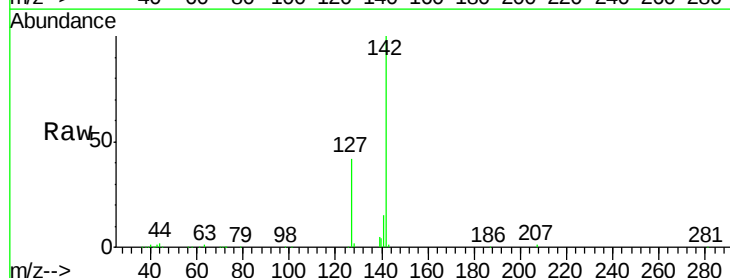
Tgt Ion:142 Resp: 376021

Ion Ratio Lower Upper

142 100

127 40.7 38.2 57.4

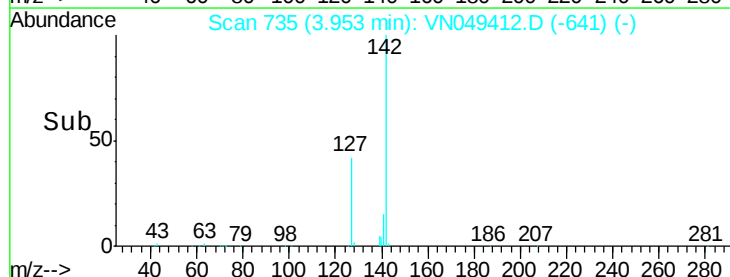
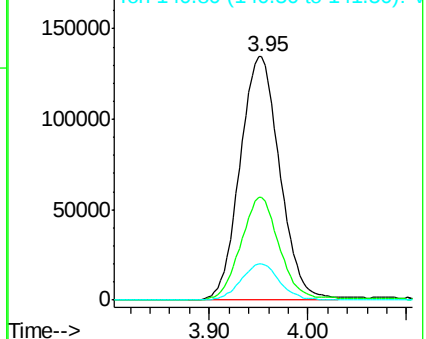
141 14.4 11.9 17.9

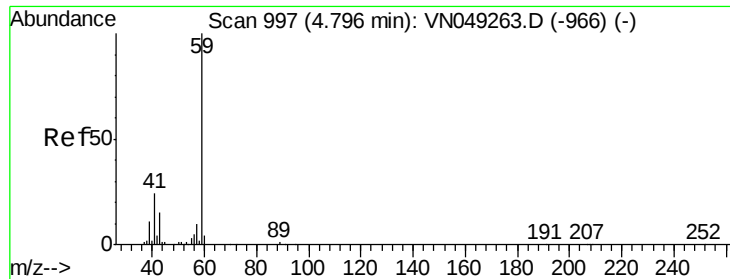


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



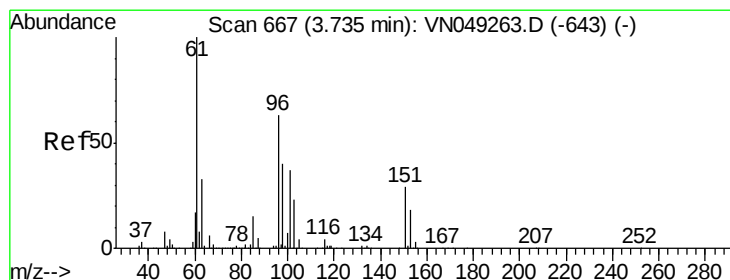
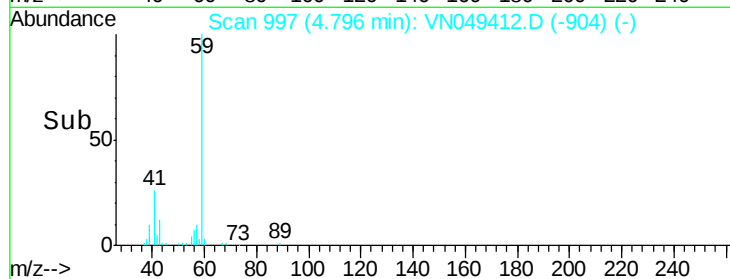
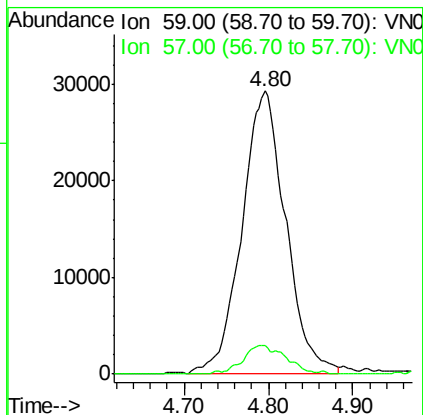
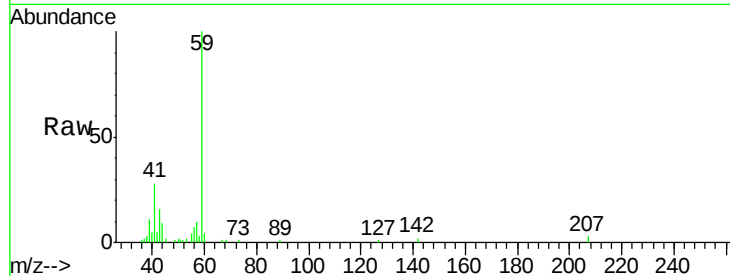


#11

Tert butyl alcohol
 Concen: 93.05 ug/l
 RT: 4.80 min Scan# 997
 Delta R.T. -0.00 min
 Lab File: VN049412.D
 Acq: 20 Jun 2018 3:38

Instrument :
 MSVOA_N
 ClientSampleId :

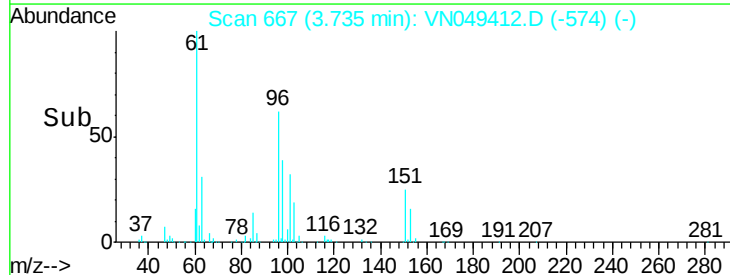
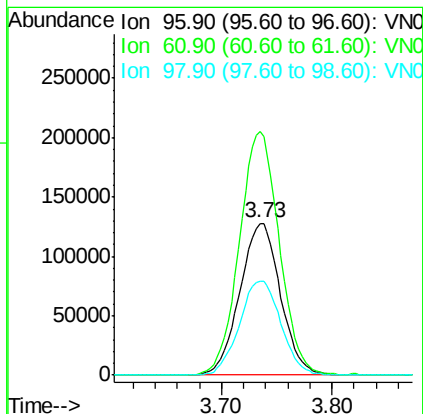
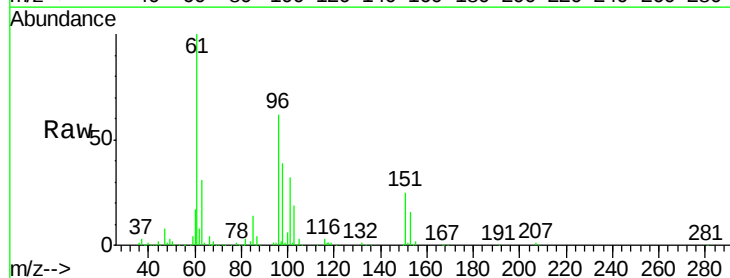
Tot Ion: 59 Resp: 105764
 Ion Ratio Lower Upper
 59 100
 57 8.6 9.0 13.6#

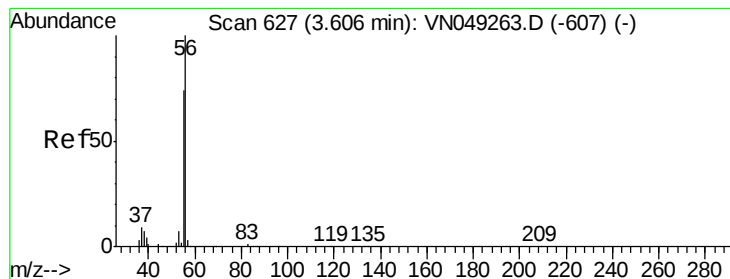


#12

1,1-Dichloroethene
 Concen: 19.48 ug/l
 RT: 3.73 min Scan# 667
 Delta R.T. -0.00 min
 Lab File: VN049412.D
 Acq: 20 Jun 2018 3:38

Tgt Ion: 96 Resp: 326182
 Ion Ratio Lower Upper
 96 100
 61 160.4 141.0 211.4
 98 62.3 50.4 75.6





#13

Acrolein

Concen: 134.78 ug/l

RT: 3.61 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN049412.D

Acq: 20 Jun 2018 3:38

Instrument :

MSVOA_N

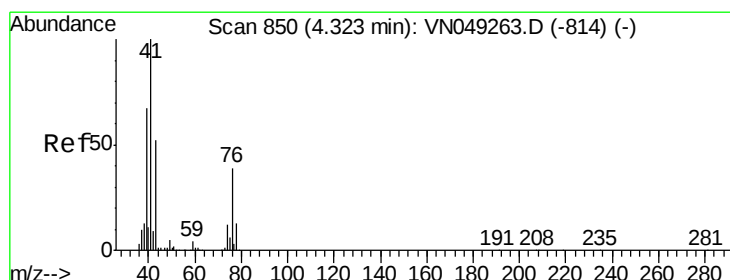
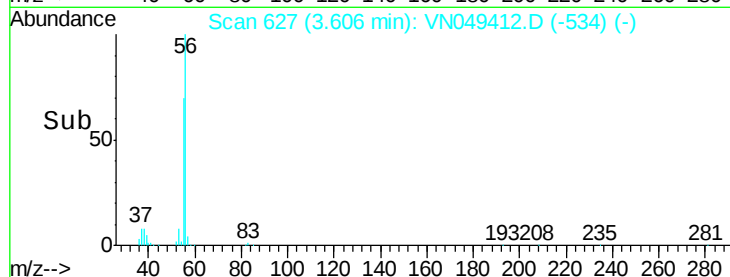
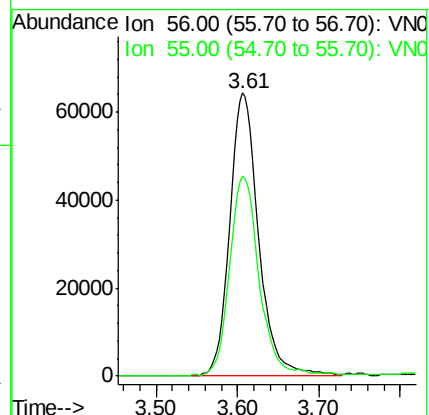
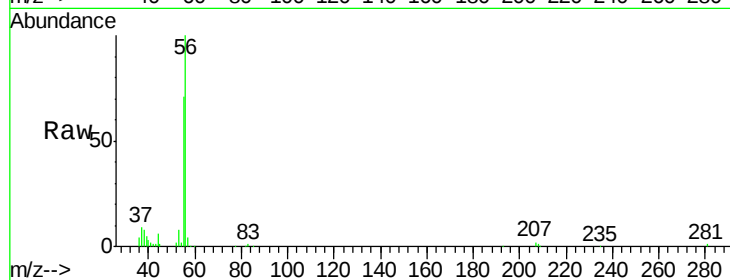
ClientSampleId :

Tot Ion: 56 Resp: 160652

Ion Ratio Lower Upper

56 100

55 70.6 57.1 85.7



#14

Allyl chloride

Concen: 18.68 ug/l

RT: 4.32 min Scan# 850

Delta R.T. -0.00 min

Lab File: VN049412.D

Acq: 20 Jun 2018 3:38

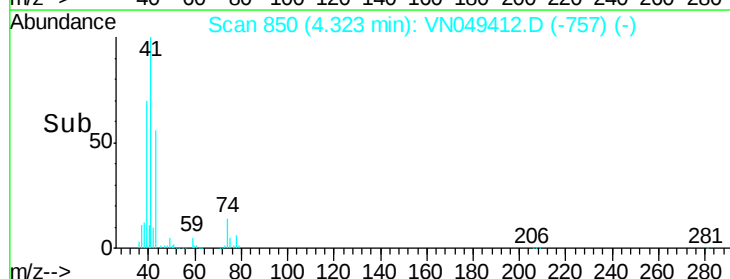
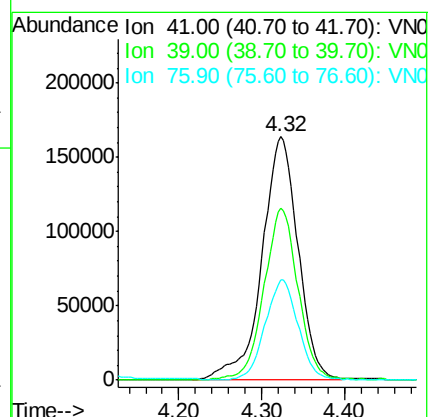
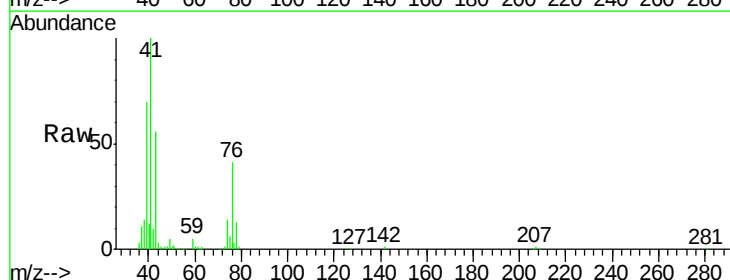
Tgt Ion: 41 Resp: 493693

Ion Ratio Lower Upper

41 100

39 66.7 62.5 93.7

76 37.3 27.1 40.7

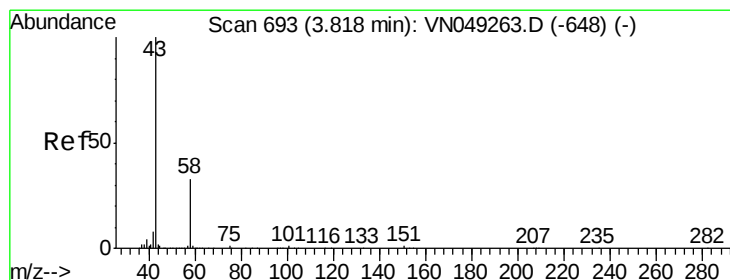
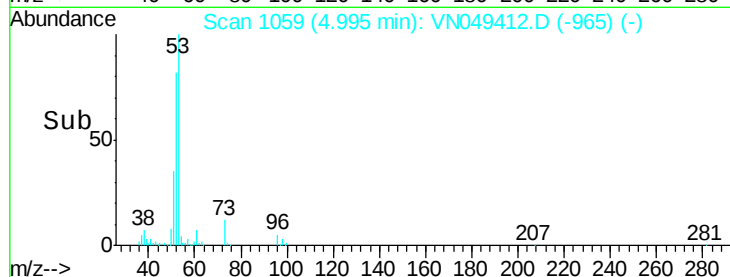
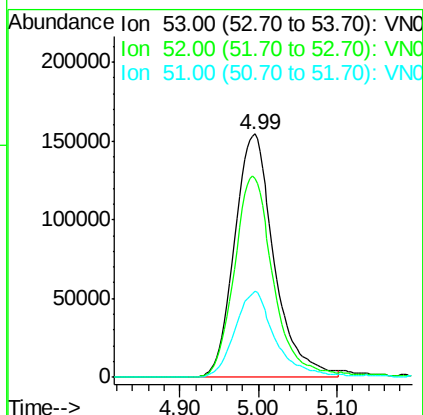
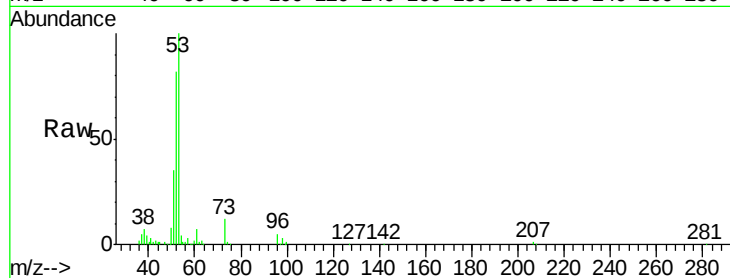




#15
 Acrylonitrile
 Concen: 96.07 ug/l
 RT: 4.99 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: VN049412.D
 Acq: 20 Jun 2018 3:38

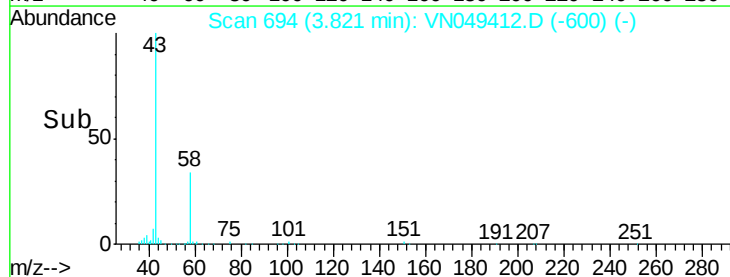
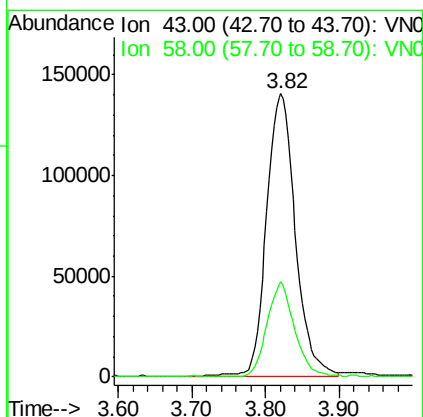
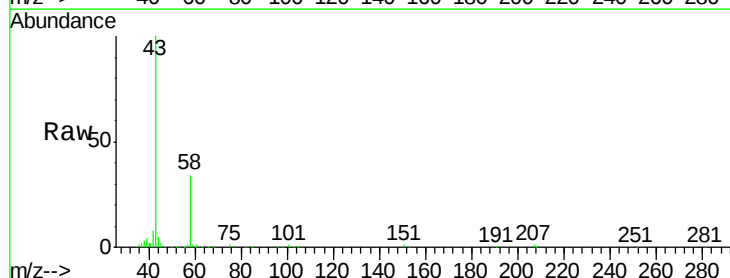
Instrument :
 MSVOA_N
 ClientSampled :

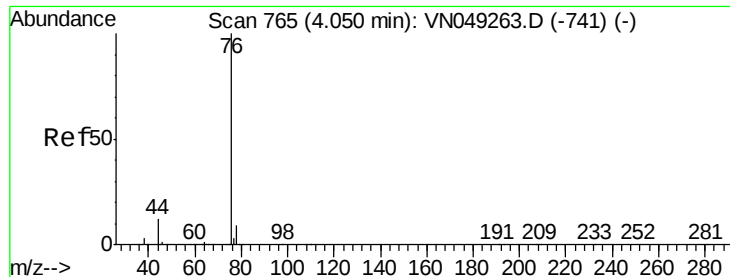
Tot Ion	53	Resp	545987
Ion Ratio	Lower	Upper	
53	100		
52	79.9	66.6	100.0
51	36.1	29.8	44.8



#16
 Acetone
 Concen: 80.94 ug/l
 RT: 3.82 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: VN049412.D
 Acq: 20 Jun 2018 3:38

Tgt Ion	43	Resp	380559
Ion Ratio	Lower	Upper	
43	100		
58	33.6	22.4	33.6

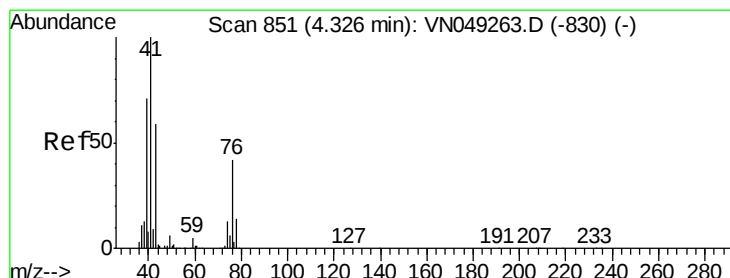
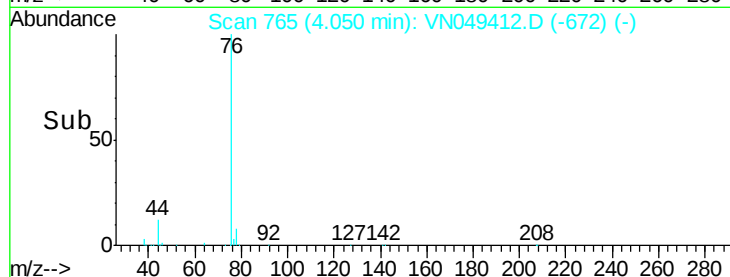
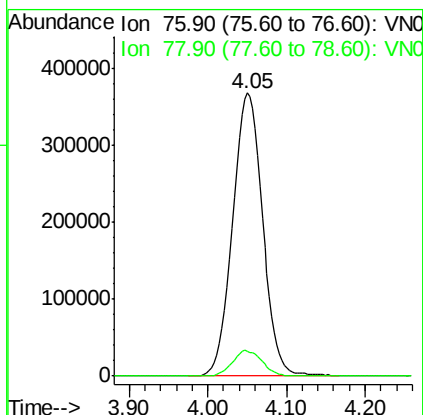
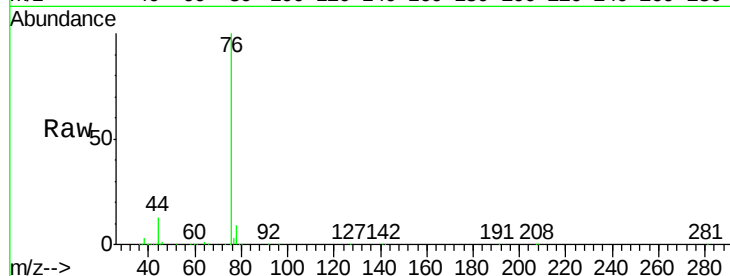




#17
Carbon Disulfide
Concen: 18.65 ug/l
RT: 4.05 min Scan# 765
Delta R.T. -0.00 min
Lab File: VN049412.D
Acq: 20 Jun 2018 3:38

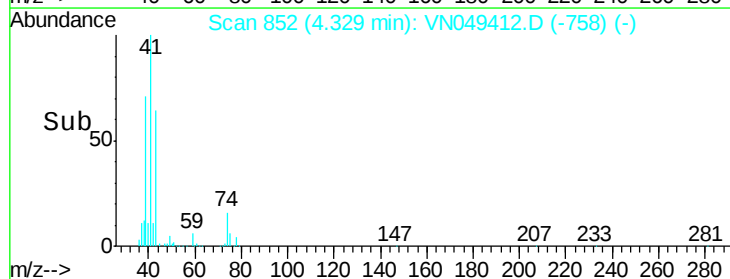
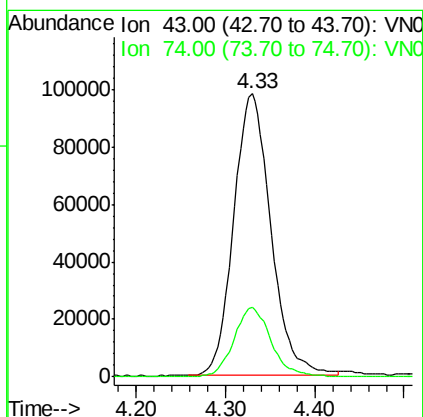
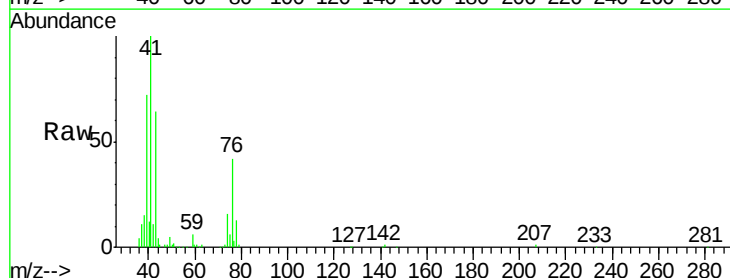
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 76 Resp: 978649
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 19.82 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049412.D
Acq: 20 Jun 2018 3:38

Tgt Ion: 43 Resp: 284103
Ion Ratio Lower Upper
43 100
74 24.6 17.4 26.0

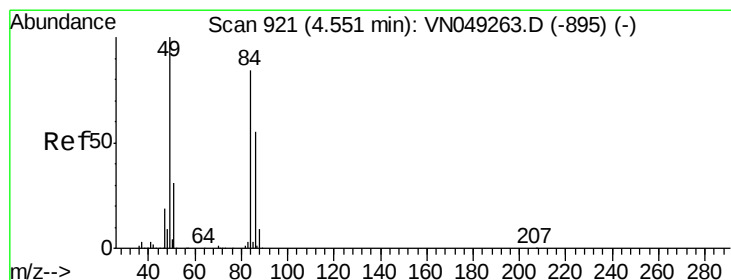
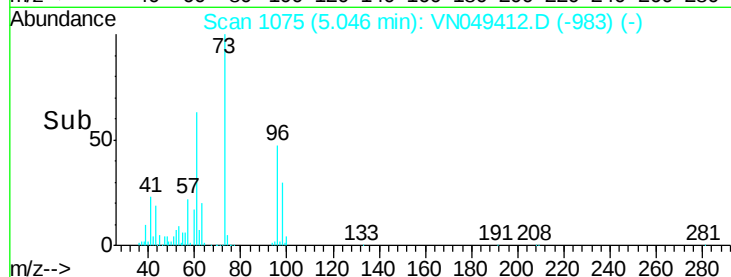
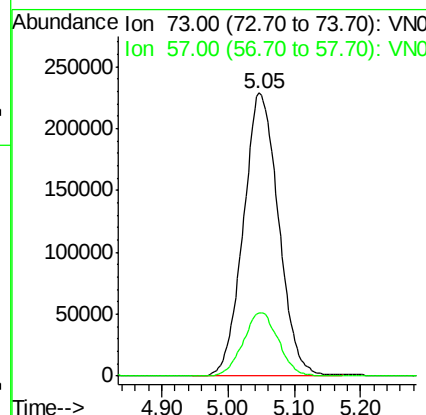
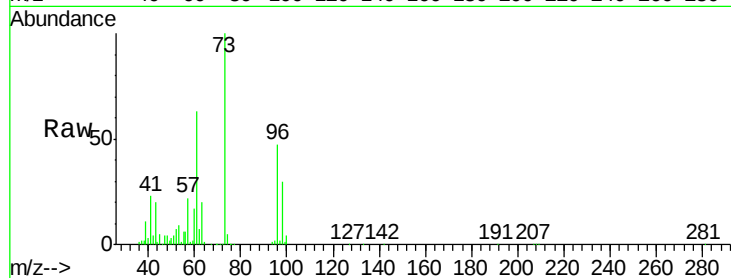




#19
Methyl tert-butyl Ether
Concen: 19.77 ug/l
RT: 5.05 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VN049412.D
Acq: 20 Jun 2018 3:38

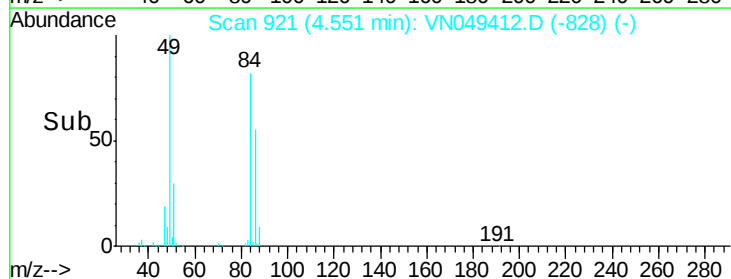
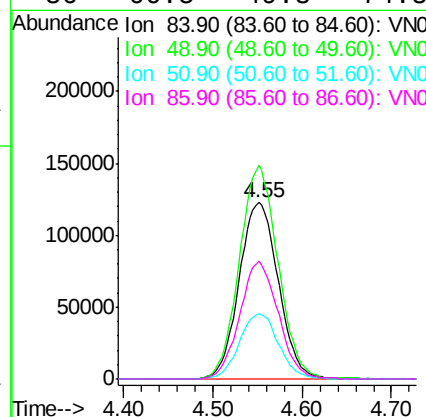
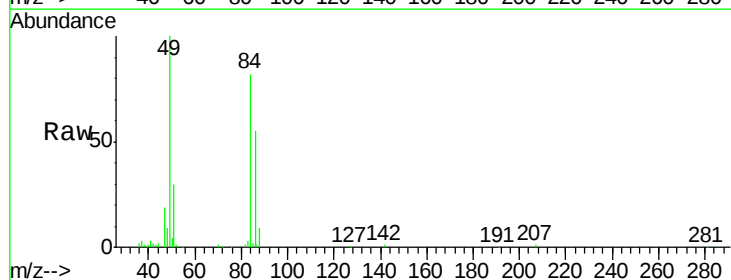
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 73 Resp: 843784
Ion Ratio Lower Upper
73 100
57 22.1 18.2 27.4



#20
Methylene Chloride
Concen: 19.08 ug/l
RT: 4.55 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN049412.D
Acq: 20 Jun 2018 3:38

Tgt Ion: 84 Resp: 374609
Ion Ratio Lower Upper
84 100
49 121.3 106.9 160.3
51 37.0 32.7 49.1
86 66.5 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 19.08 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VN049412.D

Acq: 20 Jun 2018 3:38

Instrument :

MSVOA_N

ClientSampleId :

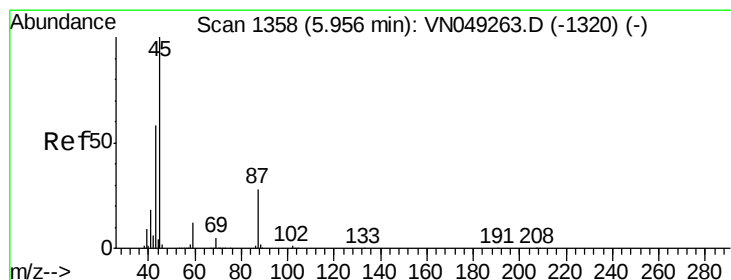
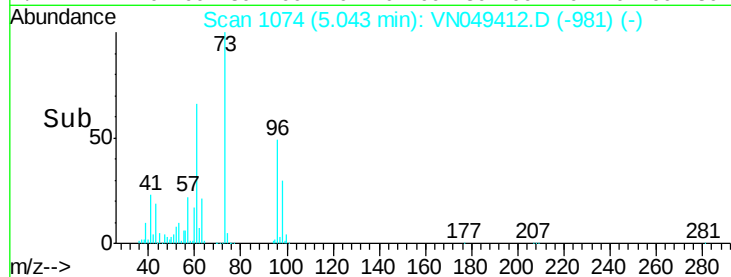
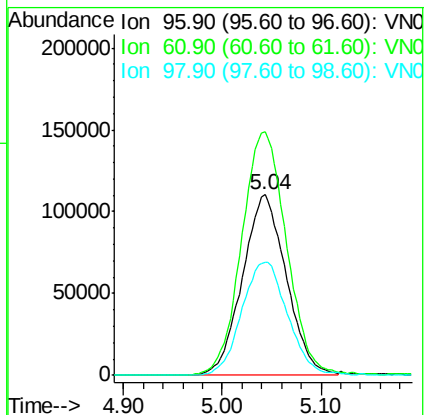
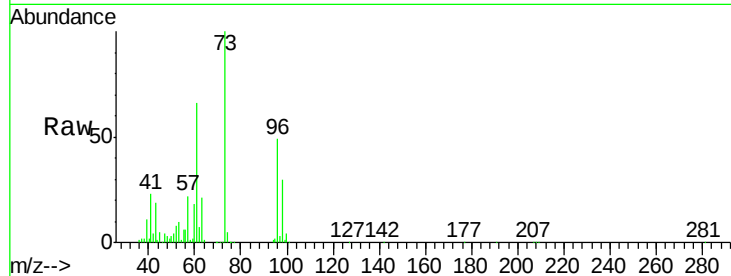
Tot Ion: 96 Resp: 338163

Ion Ratio Lower Upper

96 100

61 134.7 121.3 181.9

98 62.4 52.0 78.0



#22

Diisopropyl ether

Concen: 20.31 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. -0.00 min

Lab File: VN049412.D

Acq: 20 Jun 2018 3:38

Tgt Ion: 45 Resp: 1072258

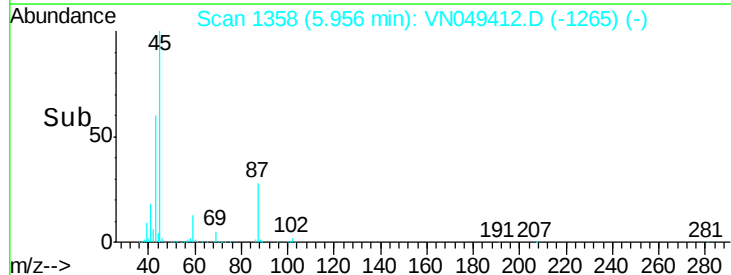
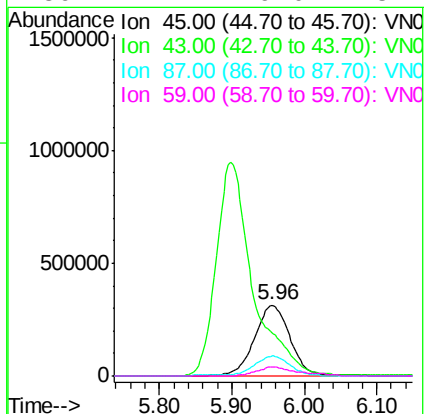
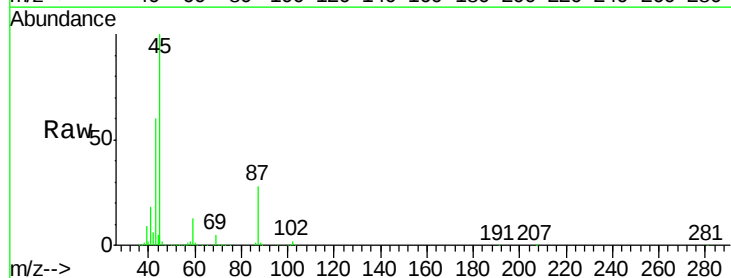
Ion Ratio Lower Upper

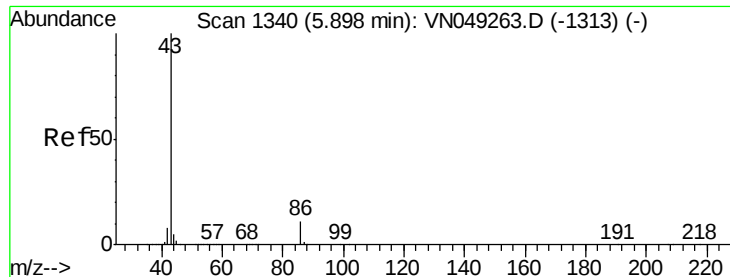
45 100

43 58.2 48.6 72.8

87 27.9 20.2 30.2

59 12.4 9.0 13.4

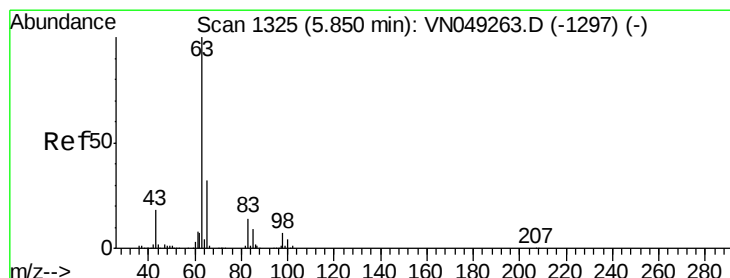
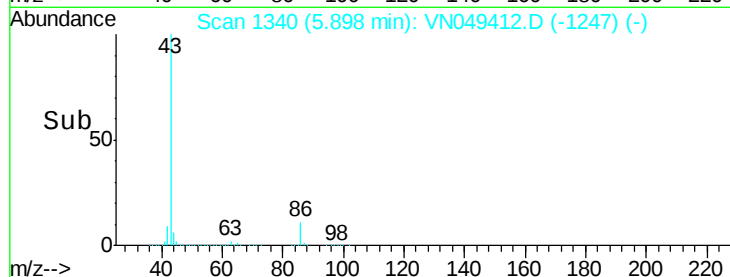
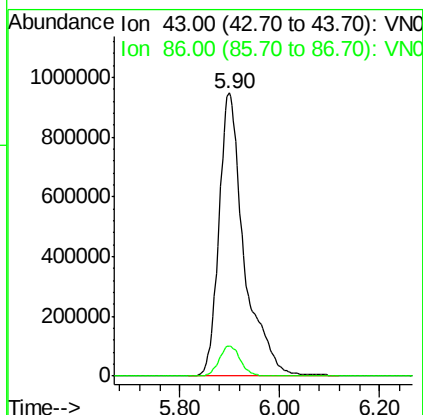
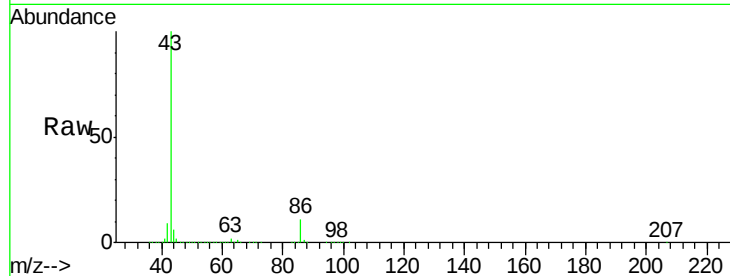




#23
 Vinyl Acetate
 Concen: 96.90 ug/l
 RT: 5.90 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VN049412.D
 Acq: 20 Jun 2018 3:38

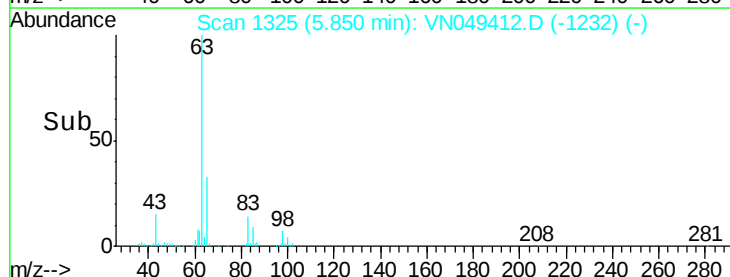
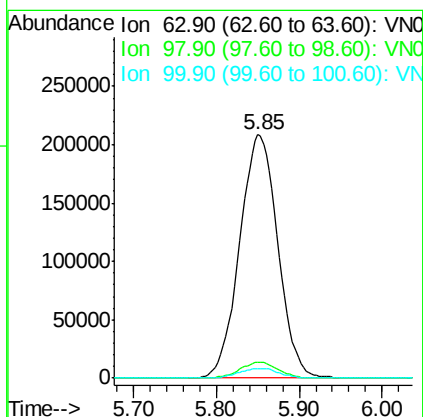
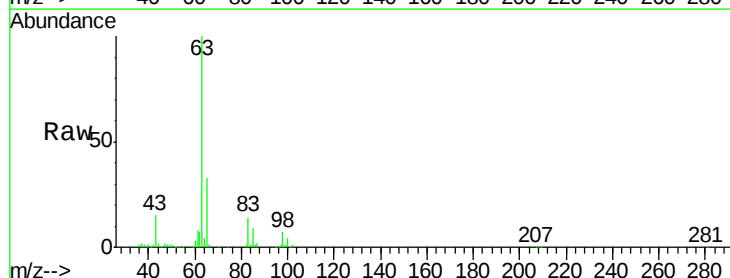
Instrument :
 MSVOA_N
 ClientSampleId :

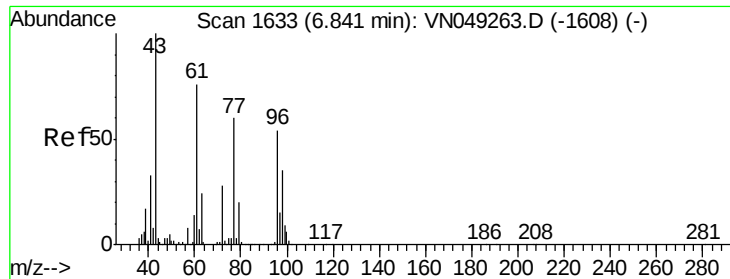
Tot Ion: 43 Resp: 3334334
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.2 10.8



#24
 1,1-Dichloroethane
 Concen: 19.69 ug/l
 RT: 5.85 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: VN049412.D
 Acq: 20 Jun 2018 3:38

Tgt Ion: 63 Resp: 665103
 Ion Ratio Lower Upper
 63 100
 98 6.5 2.9 8.8
 100 4.1 2.1 6.3





#25

2-Butanone

Concen: 90.63 ug/l

RT: 6.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VN049412.D

Acq: 20 Jun 2018 3:38

Instrument :

MSVOA_N

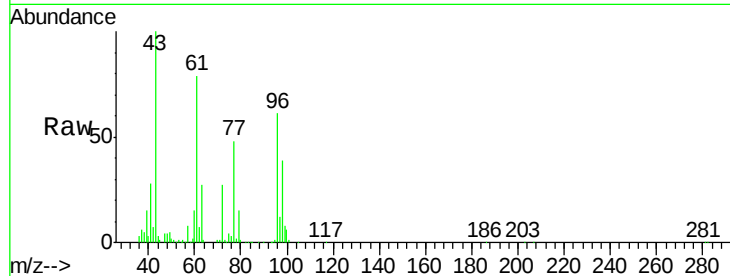
ClientSampled :

Tot Ion: 43 Resp: 572213

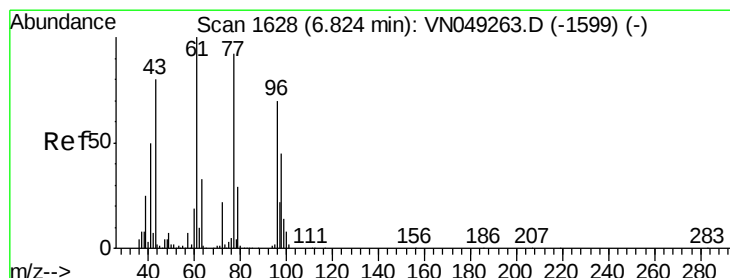
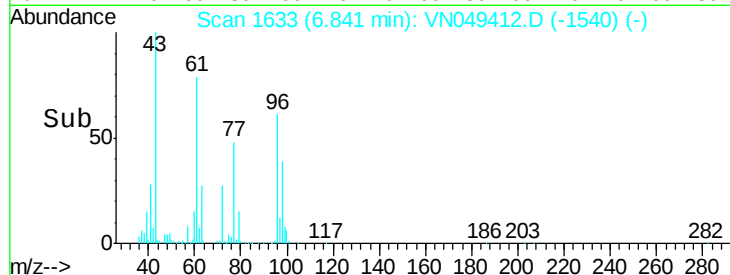
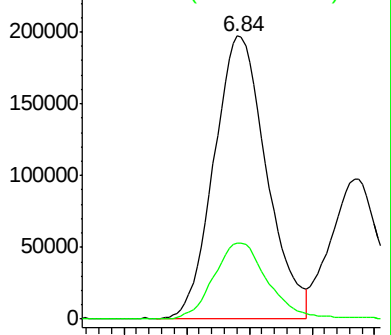
Ion Ratio Lower Upper

43 100

72 27.0 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN049412.D (-1540) (-)



#26

2,2-Dichloropropane

Concen: 13.86 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VN049412.D

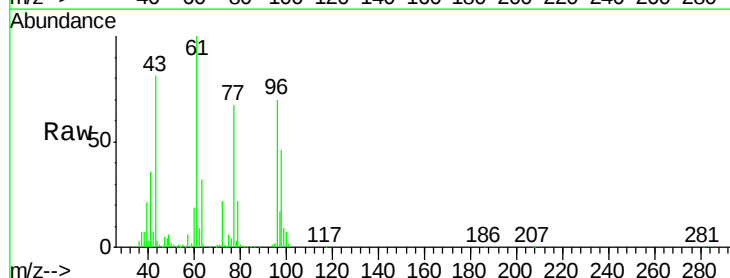
Acq: 20 Jun 2018 3:38

Tgt Ion: 77 Resp: 378152

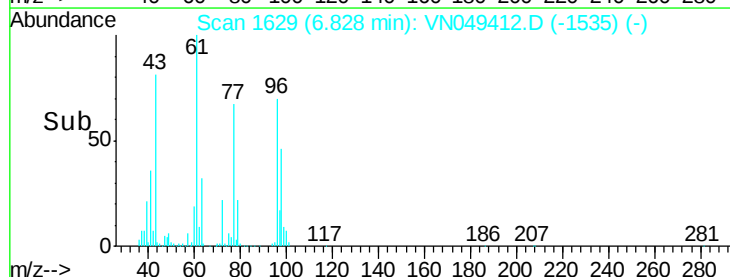
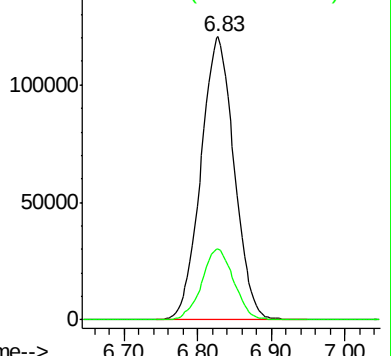
Ion Ratio Lower Upper

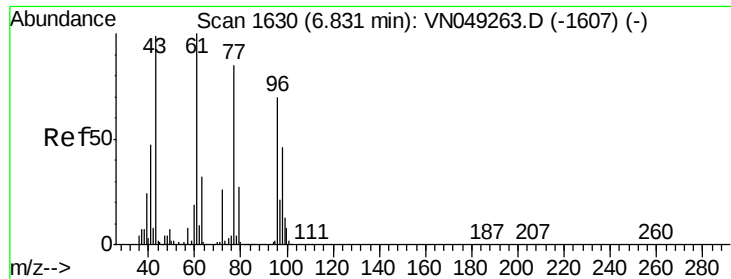
77 100

97 24.2 11.0 33.0



Abundance Ion 76.90 (76.60 to 77.60): VN049412.D (-1535) (-)

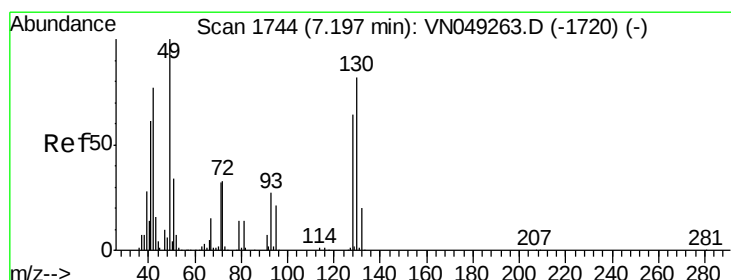
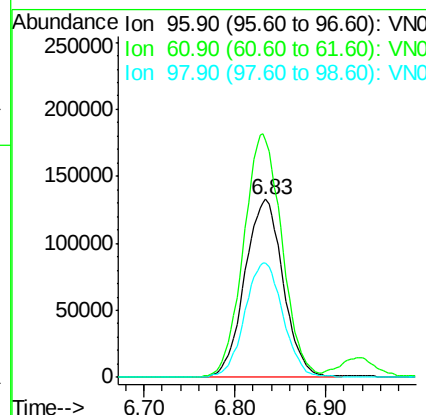
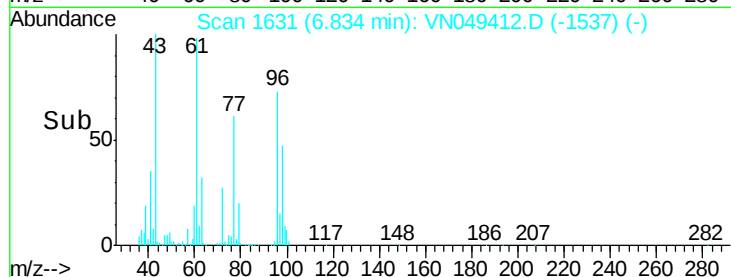
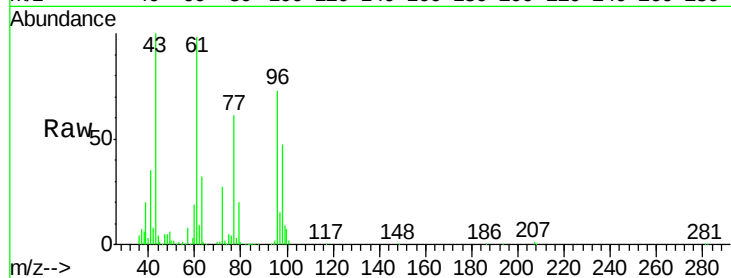




#27
 cis-1,2-Dichloroethene
 Concen: 19.80 ug/l
 RT: 6.83 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: VN049412.D
 Acq: 20 Jun 2018 3:38

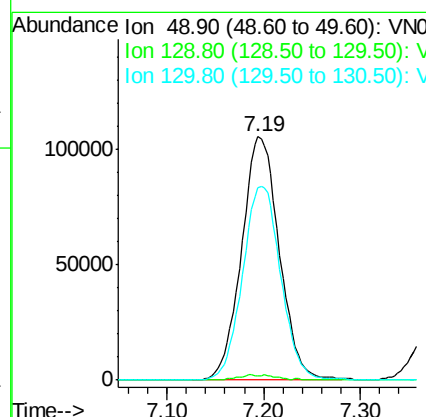
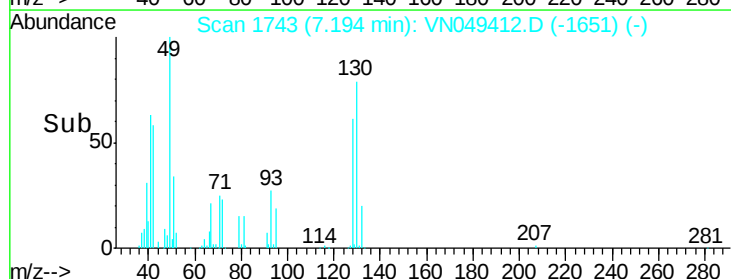
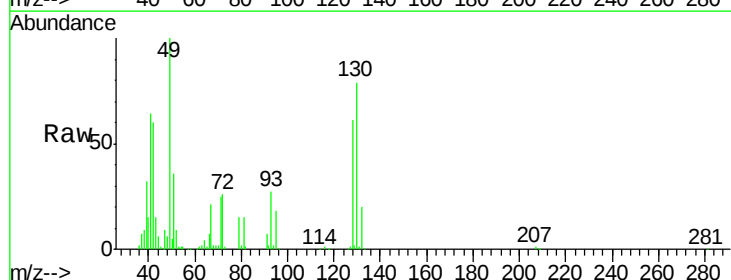
Instrument :
 MSVOA_N
 ClientSampled :

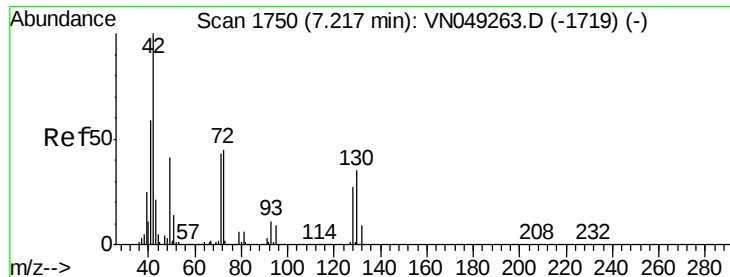
Tot Ion: 96 Resp: 390060
 Ion Ratio Lower Upper
 96 100
 61 136.3 0.0 316.4
 98 63.8 0.0 128.4



#28
 Bromochloromethane
 Concen: 19.08 ug/l
 RT: 7.19 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: VN049412.D
 Acq: 20 Jun 2018 3:38

Tgt Ion: 49 Resp: 285802
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 3.8
 130 80.8 54.9 82.3





#29

Tetrahydrofuran

Concen: 94.68 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VN049412.D

Acq: 20 Jun 2018 3:38

Instrument :
MSVOA_N
ClientSampleId :

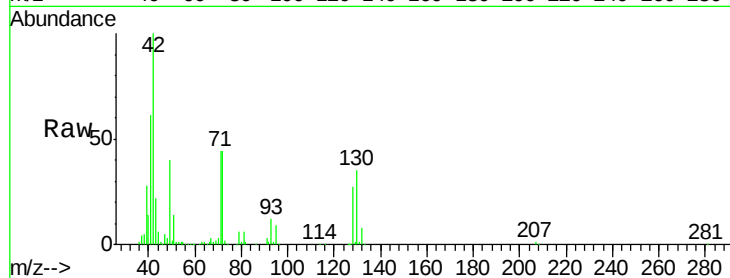
Tot Ion: 42 Resp: 384804

Ion Ratio Lower Upper

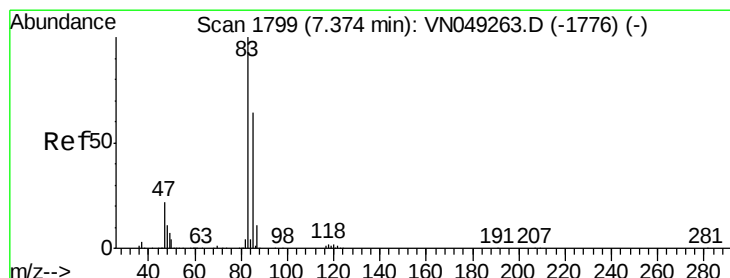
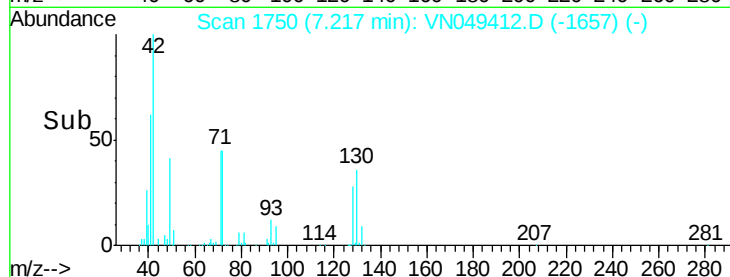
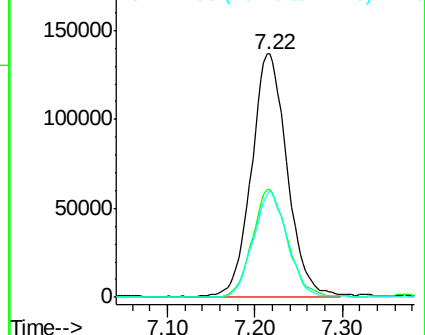
42 100

72 44.3 32.2 48.4

71 41.6 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: 19.89 ug/l

RT: 7.37 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN049412.D

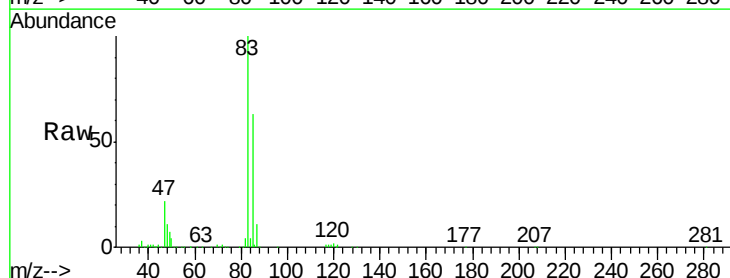
Acq: 20 Jun 2018 3:38

Tgt Ion: 83 Resp: 668840

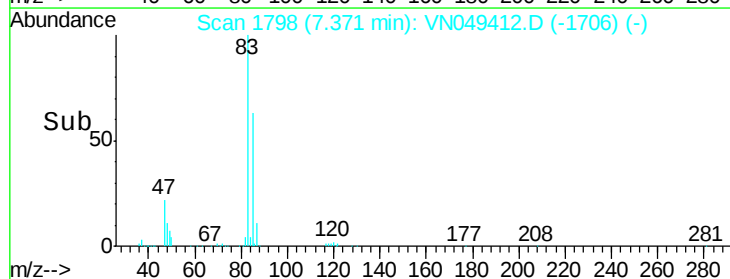
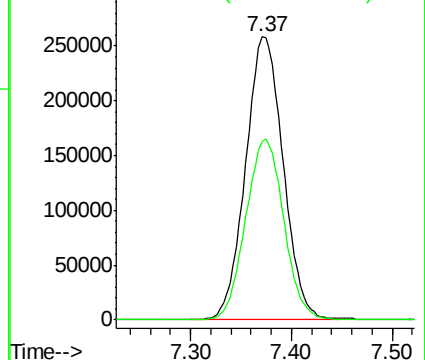
Ion Ratio Lower Upper

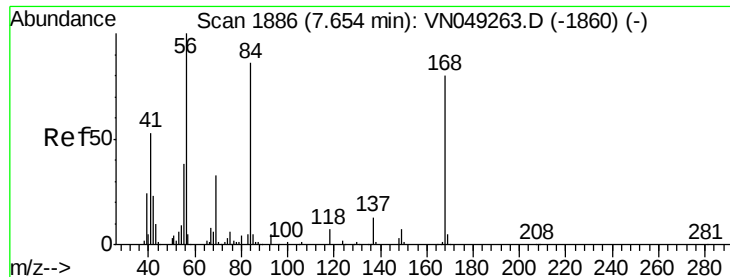
83 100

85 62.9 51.7 77.5



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

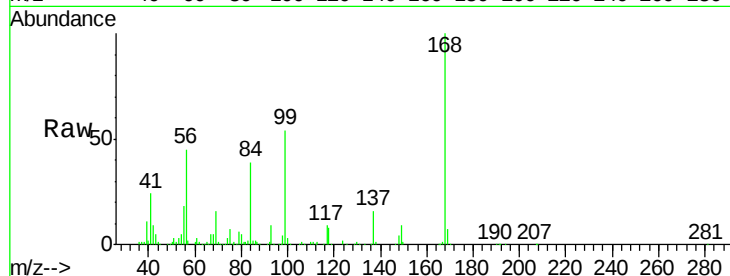




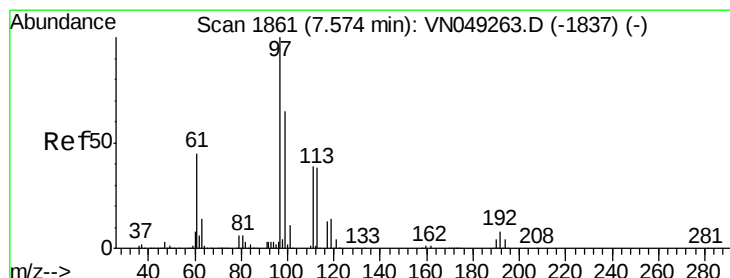
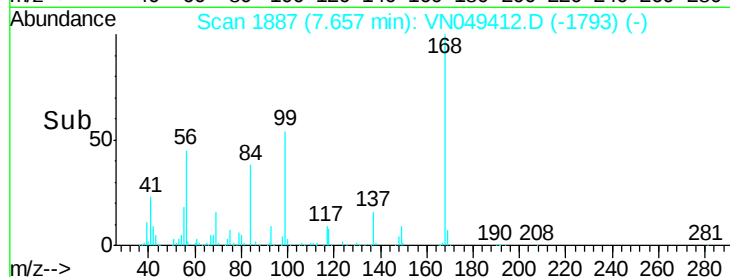
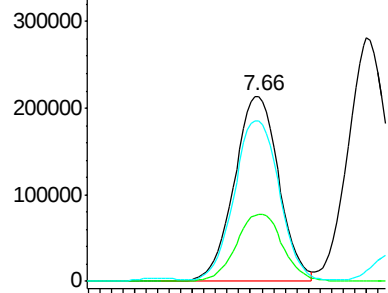
#31
Cyclohexane
Concen: 19.78 ug/l
RT: 7.66 min Scan# 1887
Delta R.T. 0.00 min
Lab File: VN049412.D
Acq: 20 Jun 2018 3:38

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	56	Resp	569547
Ion Ratio	Lower	Upper	
56	100		
69	36.4	25.0	37.4
84	84.8	64.6	96.8

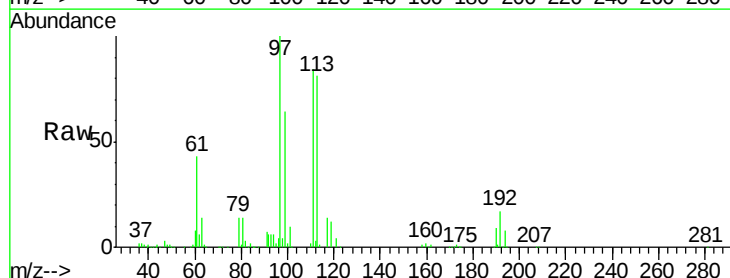


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

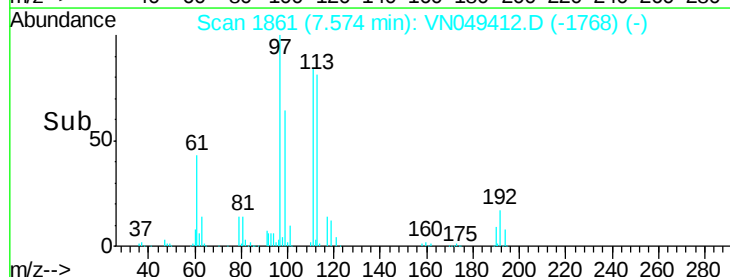
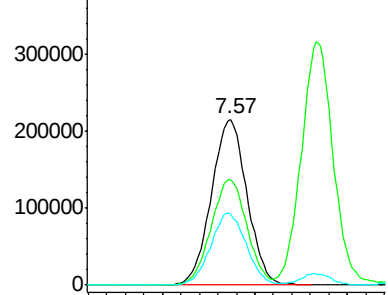


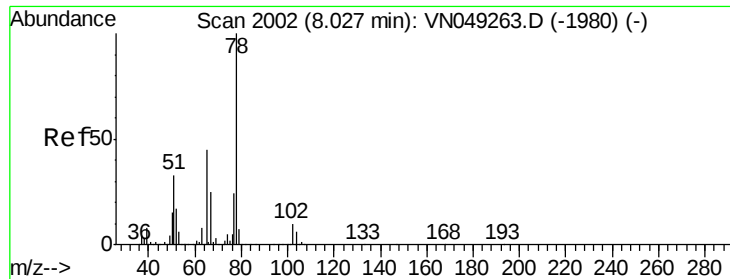
#32
1,1,1-Trichloroethane
Concen: 20.02 ug/l
RT: 7.57 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VN049412.D
Acq: 20 Jun 2018 3:38

Tgt Ion	97	Resp	574459
Ion Ratio	Lower	Upper	
97	100		
99	63.8	50.5	75.7
61	43.5	37.9	56.9



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 46.83 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049412.D

Acq: 20 Jun 2018 3:38

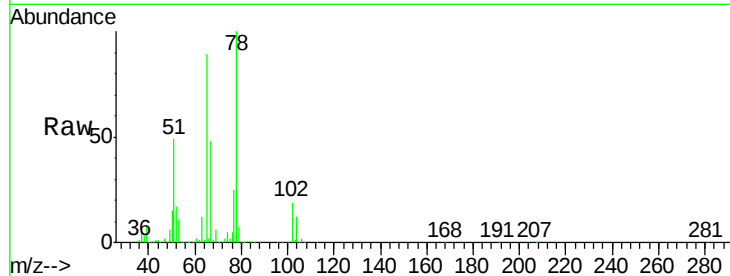
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 65 Resp: 906807

Ion Ratio Lower Upper

65 100

67 54.0 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049412.D (-1980) (-)

Ion 66.90 (66.60 to 67.60): VN049412.D (-1980) (-)

8.03

400000

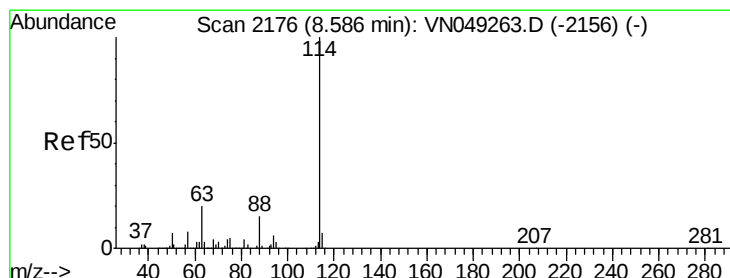
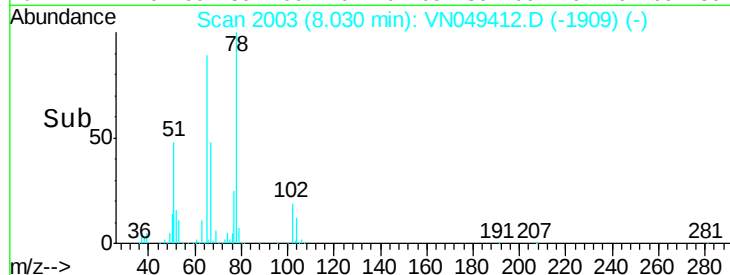
300000

200000

100000

0

Time--> 7.90 7.95 8.00 8.05 8.10



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN049412.D

Acq: 20 Jun 2018 3:38

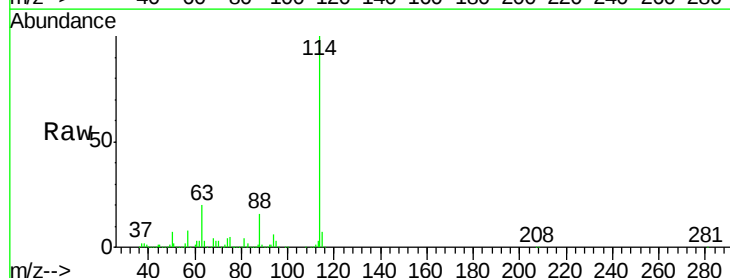
Tgt Ion:114 Resp: 2260068

Ion Ratio Lower Upper

114 100

63 19.8 0.0 44.4

88 15.6 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN049412.D (-2156) (-)

Ion 63.00 (62.70 to 63.70): VN049412.D (-2156) (-)

Ion 87.90 (87.60 to 88.60): VN049412.D (-2156) (-)

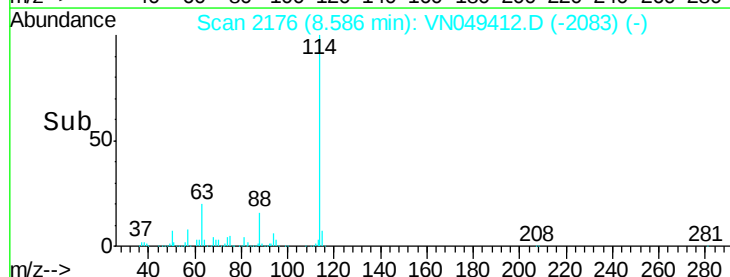
8.59

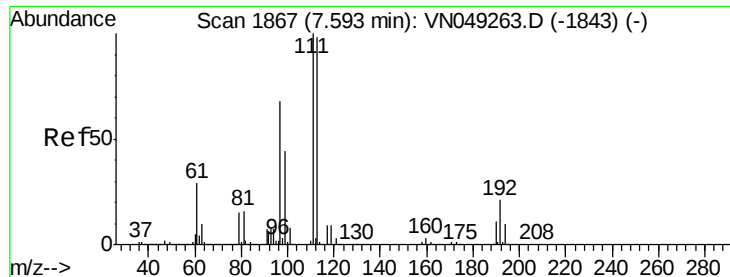
1000000

500000

0

Time--> 8.50 8.60 8.70 8.80

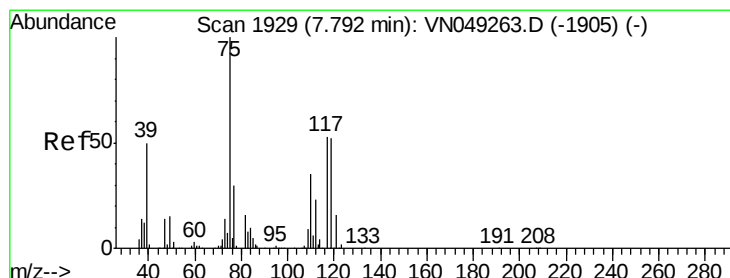
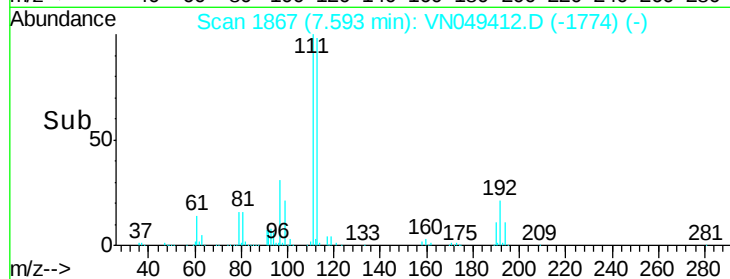
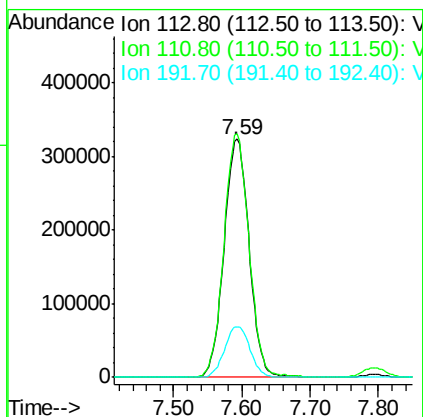
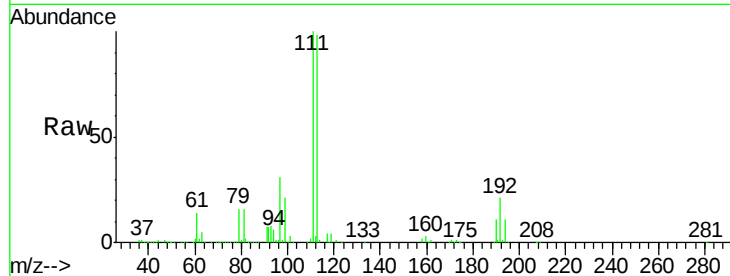




#35
 Dibromofluoromethane
 Concen: 45.29 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049412.D
 Acq: 20 Jun 2018 3:38

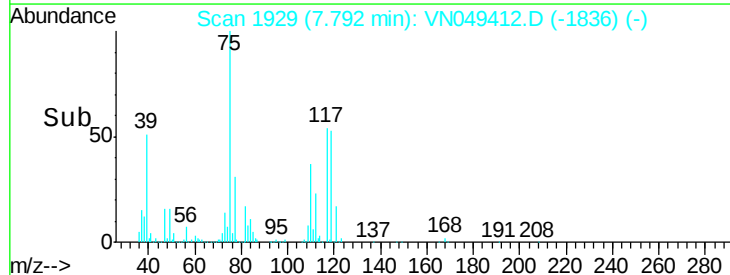
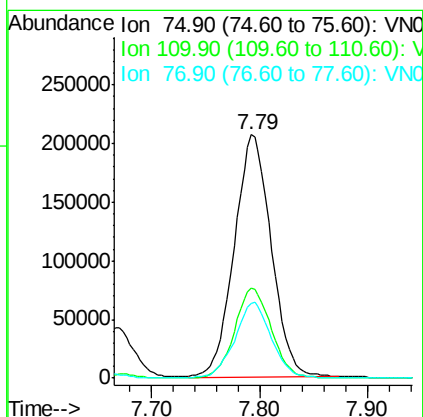
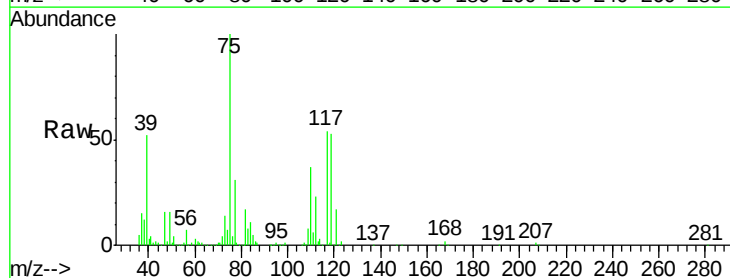
Instrument :
 MSVOA_N
 ClientSampleId :

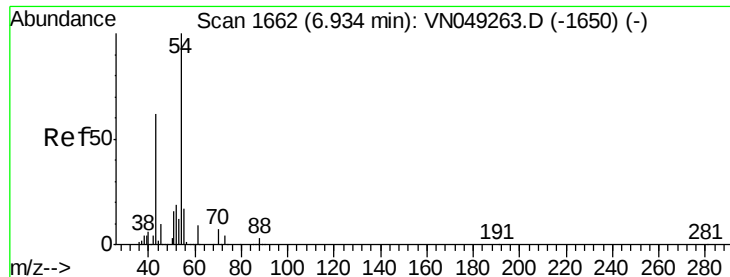
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.4	123.6
192	21.7	15.0	22.6



#36
 1,1-Dichloropropene
 Concen: 18.96 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. -0.00 min
 Lab File: VN049412.D
 Acq: 20 Jun 2018 3:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.0	17.0	50.9
77	30.9	24.4	36.6

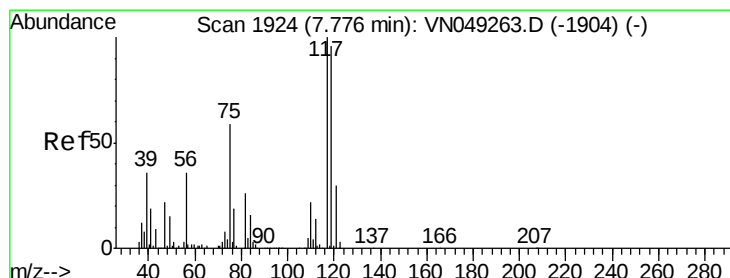
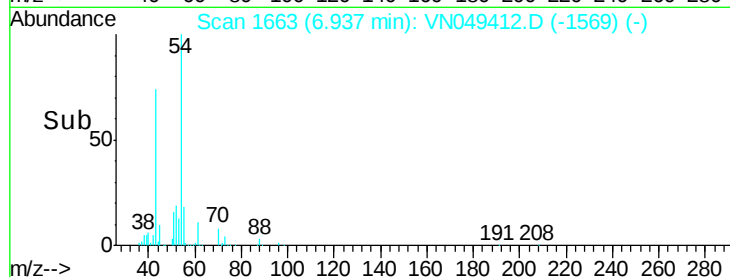
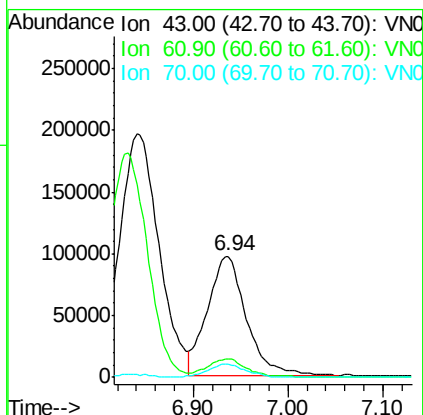
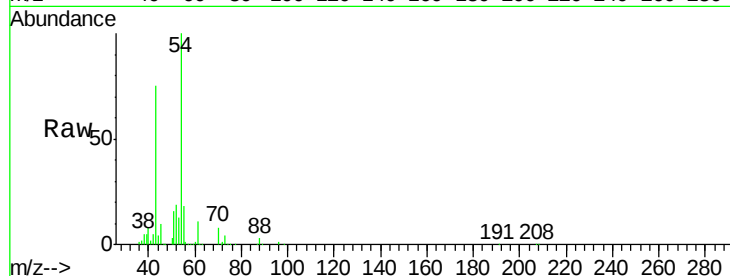




#37
Ethyl Acetate
Concen: 19.64 ug/l
RT: 6.94 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VN049412.D
Acq: 20 Jun 2018 3:38

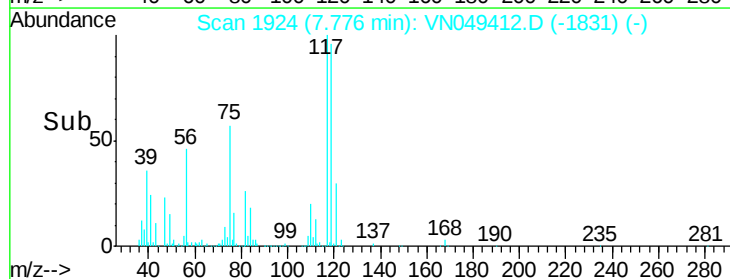
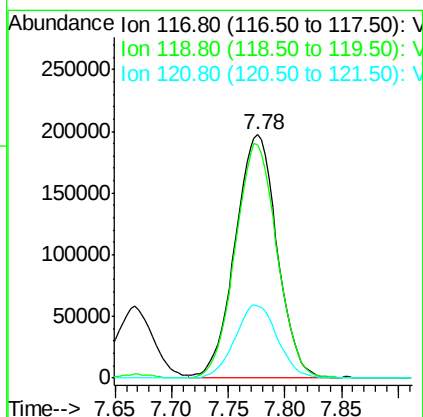
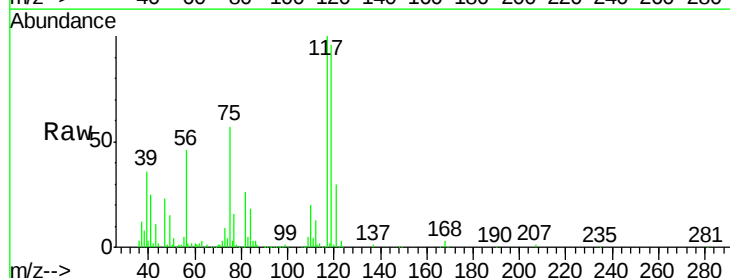
Instrument :
MSVOA_N
ClientSampled :

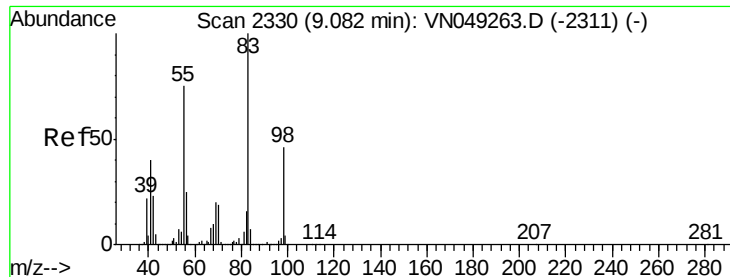
Tot Ion: 43 Resp: 276556
Ion Ratio Lower Upper
43 100
61 13.7 11.0 16.4
70 10.4 7.2 10.8



#38
Carbon Tetrachloride
Concen: 18.85 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. -0.00 min
Lab File: VN049412.D
Acq: 20 Jun 2018 3:38

Tgt Ion: 117 Resp: 505427
Ion Ratio Lower Upper
117 100
119 96.1 75.6 113.4
121 29.9 24.7 37.1

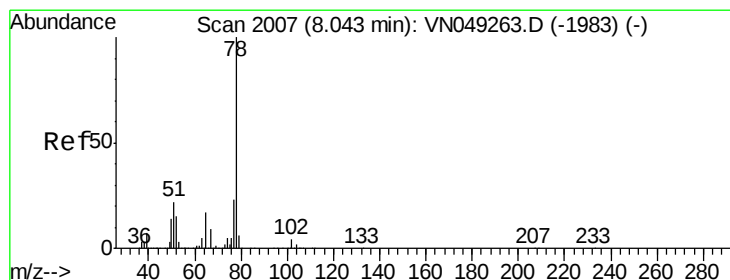
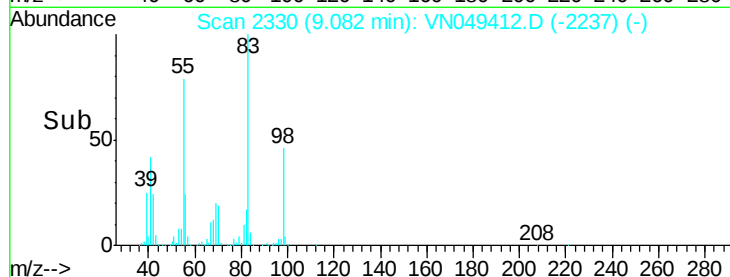
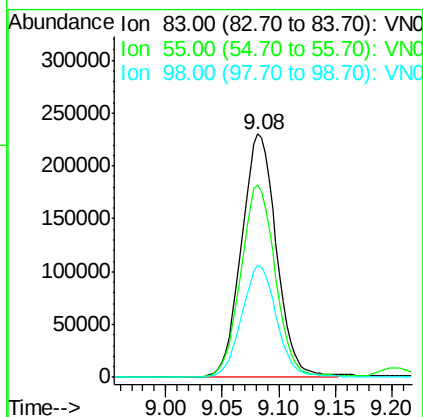
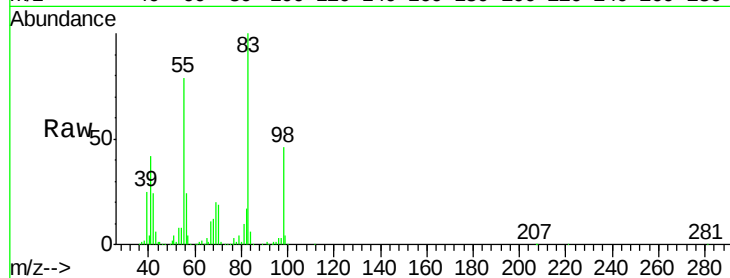




#39
Methvlcvclohexane
Concen: 17.83 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN049412.D
Acq: 20 Jun 2018 3:38

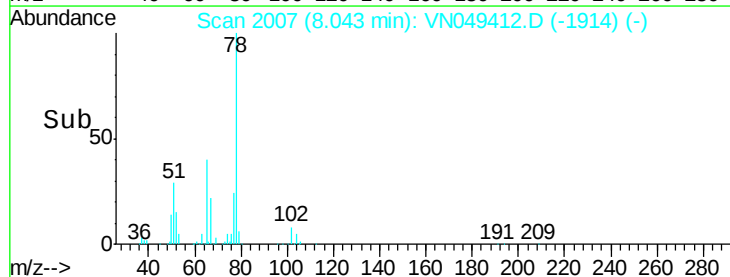
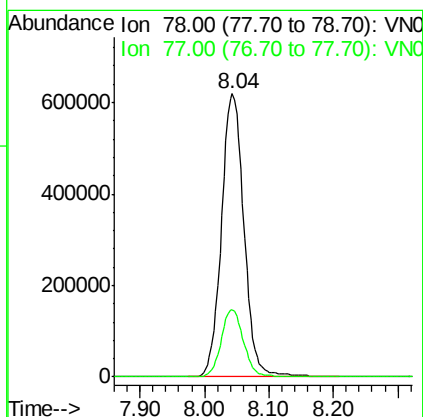
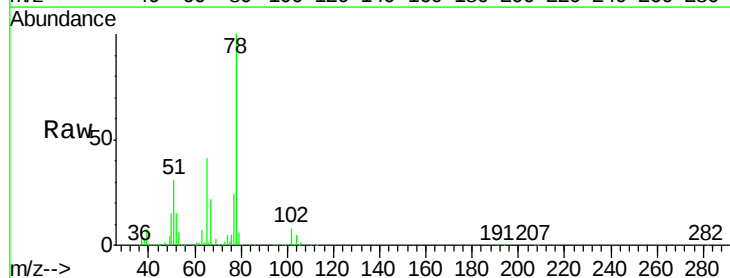
Instrument :
MSVOA_N
ClientSampleId :

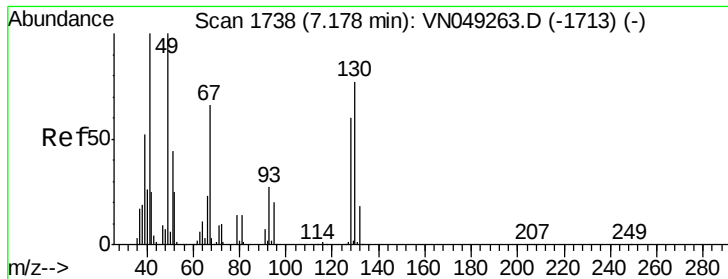
Tot Ion: 83 Resp: 495805
Ion Ratio Lower Upper
83 100
55 79.1 65.1 97.7
98 45.8 36.5 54.7



#40
Benzene
Concen: 18.91 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. -0.00 min
Lab File: VN049412.D
Acq: 20 Jun 2018 3:38

Tgt Ion: 78 Resp: 1501999
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.0

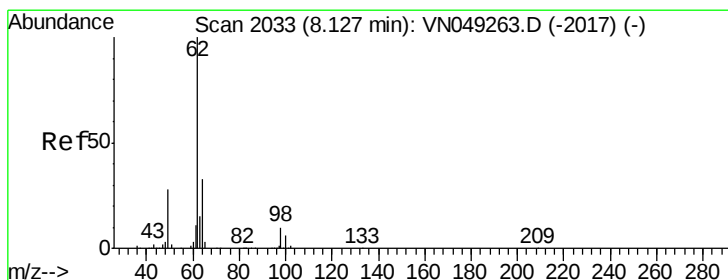
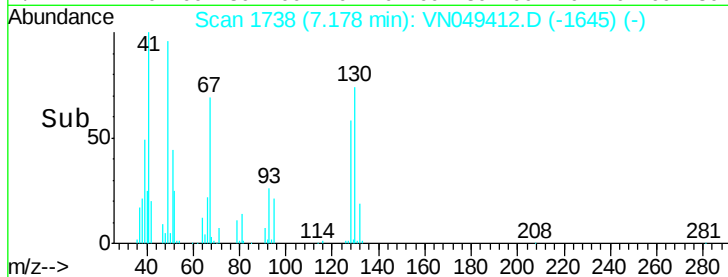
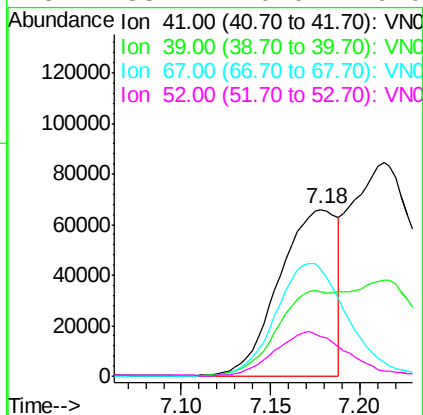
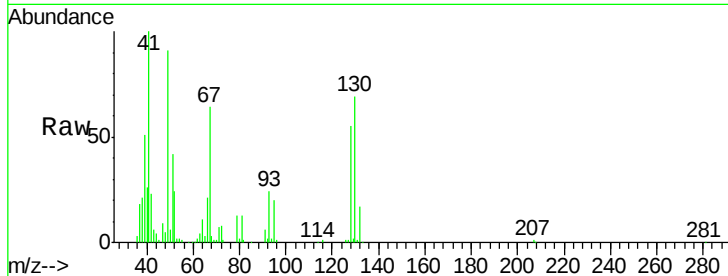




#41
Methacrylonitrile
Concen: 19.56 ug/l
RT: 7.18 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN049412.D
Acq: 20 Jun 2018 3:38

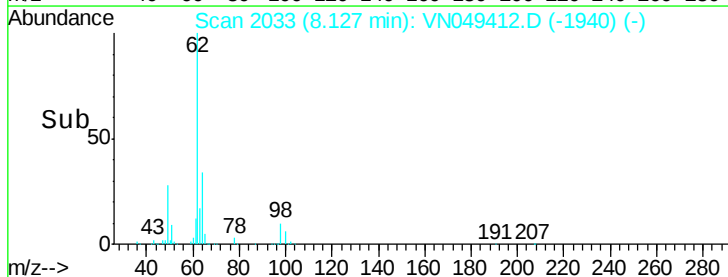
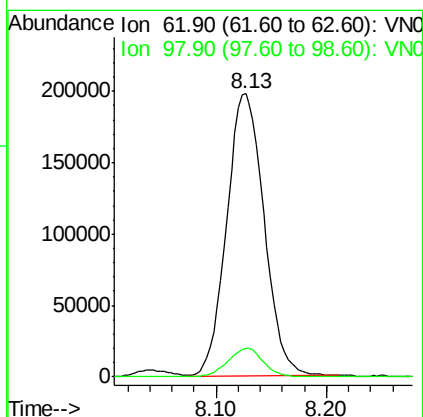
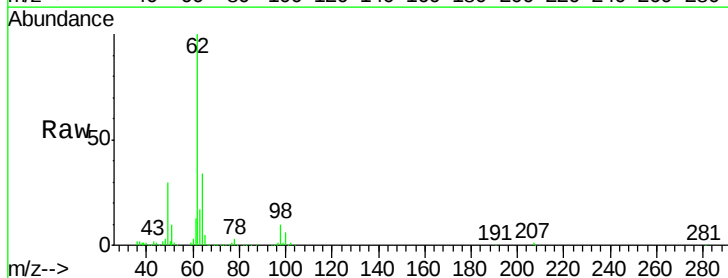
Instrument :
MSVOA_N
ClientSampled :

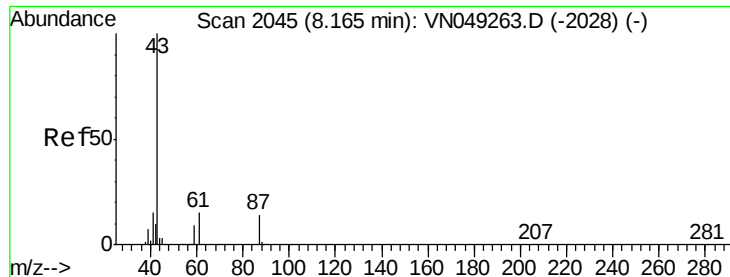
Tot Ion:	41	Resp:	148890
Ion	Ratio	Lower	Upper
41	100		
39	43.2	0.0	0.0#
67	83.8	0.0	0.0#
52	33.7	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 18.95 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. -0.00 min
Lab File: VN049412.D
Acq: 20 Jun 2018 3:38

Tgt Ion:	62	Resp:	464863
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	16.2





#43

Isopropyl Acetate

Concen: 19.21 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049412.D

Acq: 20 Jun 2018 3:38

Instrument :

MSVOA_N

ClientSampleId :

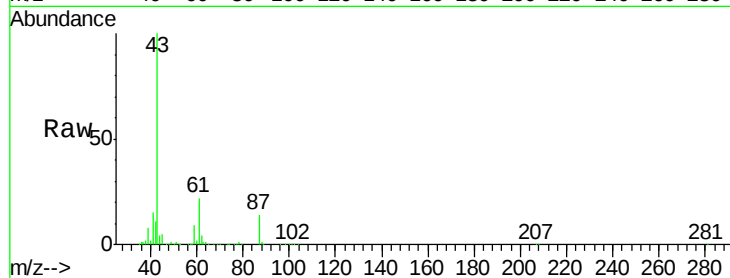
Tot Ion: 43 Resp: 516813

Ion Ratio Lower Upper

43 100

61 19.5 14.2 21.4

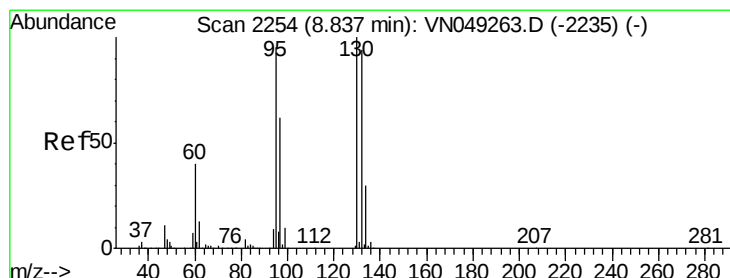
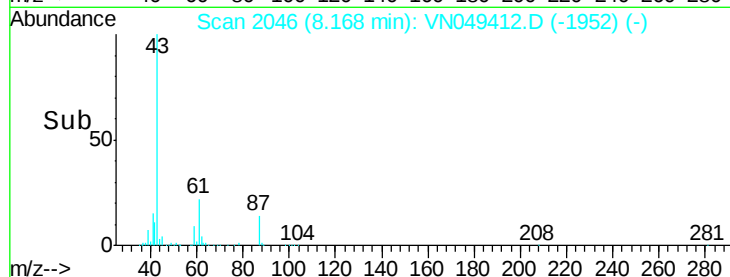
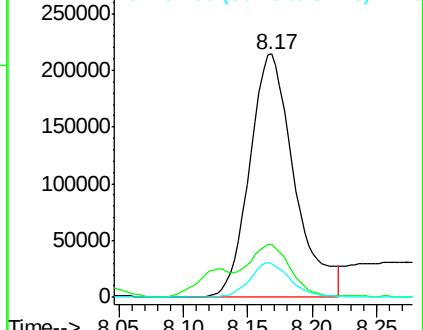
87 12.8 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VN049412.D (-1952) (-)

Ion 61.00 (60.70 to 61.70): VN049412.D (-1952) (-)

Ion 87.00 (86.70 to 87.70): VN049412.D (-1952) (-)



#44

Trichloroethene

Concen: 19.15 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. -0.00 min

Lab File: VN049412.D

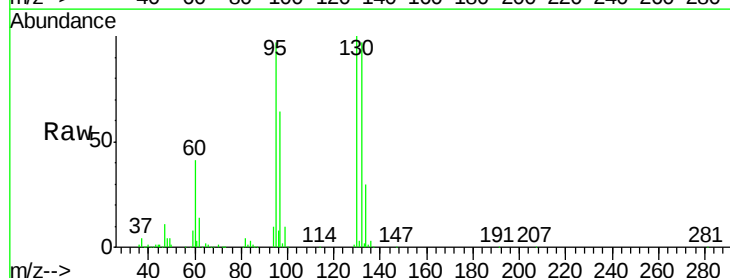
Acq: 20 Jun 2018 3:38

Tgt Ion: 130 Resp: 401670

Ion Ratio Lower Upper

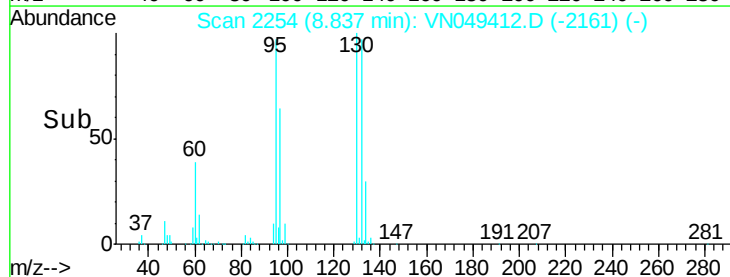
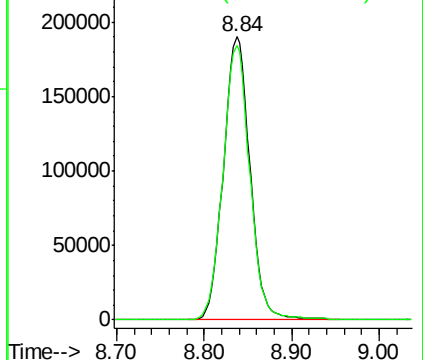
130 100

95 96.8 0.0 208.6



Abundance Ion 129.80 (129.50 to 130.50): VN049412.D (-2161) (-)

Ion 94.90 (94.60 to 95.60): VN049412.D (-2161) (-)





#45

1,2-Dichloropropane

Concen: 18.76 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. -0.00 min

Lab File: VN049412.D

Acq: 20 Jun 2018 3:38

Instrument :

MSVOA_N

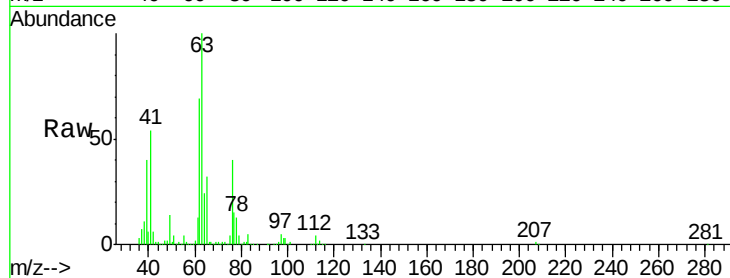
ClientSampled :

Tot Ion: 63 Resp: 390027

Ion Ratio Lower Upper

63 100

65 32.3 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VN049412.D (-2249) (-)

Ion 64.90 (64.60 to 65.60): VN049412.D (-2249) (-)

9.12

200000

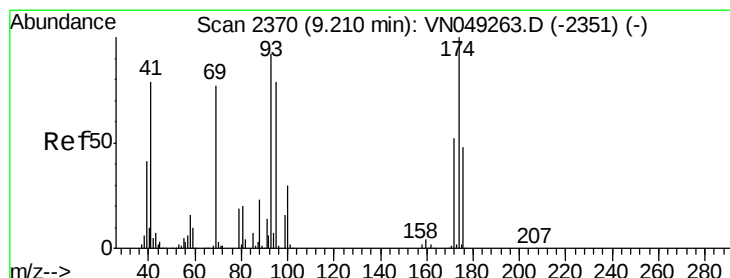
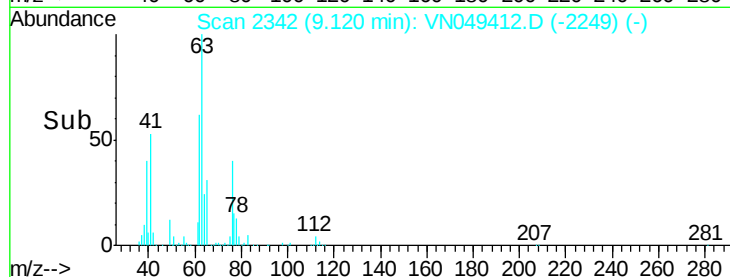
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 18.89 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VN049412.D

Acq: 20 Jun 2018 3:38

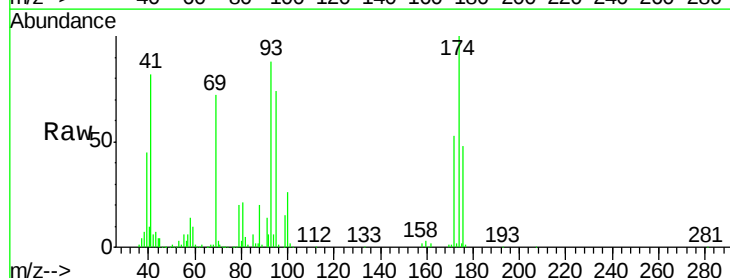
Tgt Ion: 93 Resp: 227776

Ion Ratio Lower Upper

93 100

95 83.8 67.2 100.8

174 109.7 75.6 113.4



Abundance Ion 92.80 (92.50 to 93.50): VN049412.D (-2277) (-)

Ion 94.80 (94.50 to 95.50): VN049412.D (-2277) (-)

Ion 173.70 (173.40 to 174.40): VN049412.D (-2277) (-)

9.21

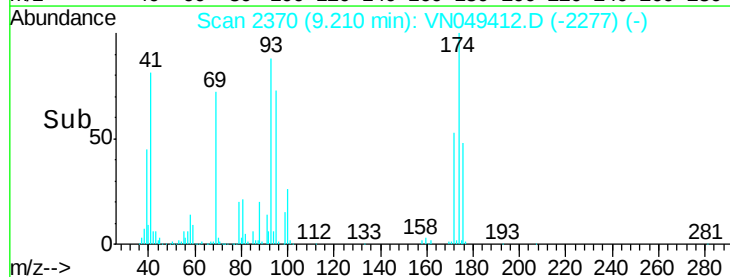
150000

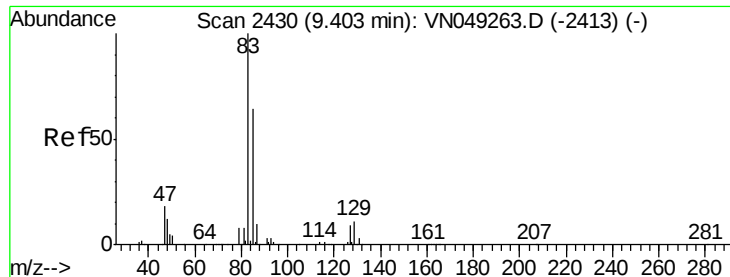
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 18.90 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN049412.D

Acq: 20 Jun 2018 3:38

Instrument :
MSVOA_N
ClientSampleId :

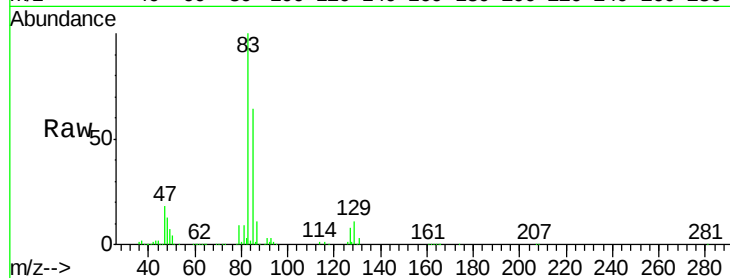
Tot Ion: 83 Resp: 500728

Ion Ratio Lower Upper

83 100

85 63.9 49.4 74.0

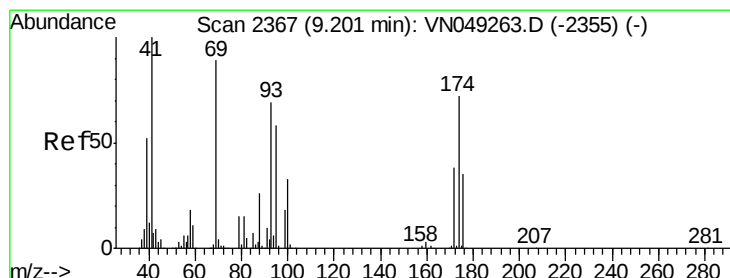
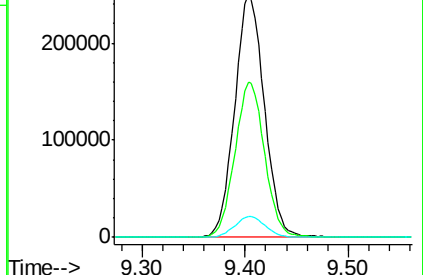
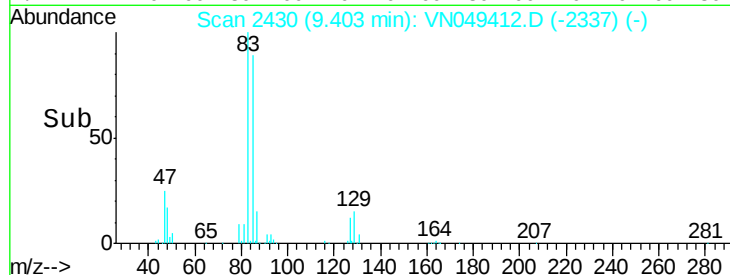
127 8.4 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN049412.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049412.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049412.D (-2337) (-)



#48

Methyl methacrylate

Concen: 19.29 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN049412.D

Acq: 20 Jun 2018 3:38

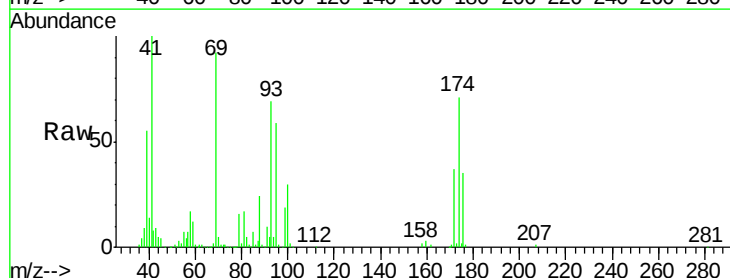
Tgt Ion: 41 Resp: 244360

Ion Ratio Lower Upper

41 100

69 89.6 62.0 93.0

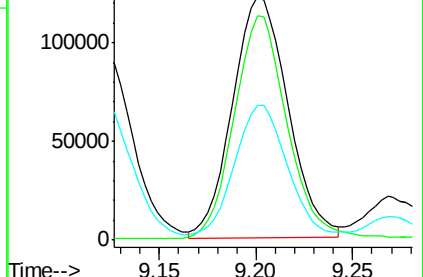
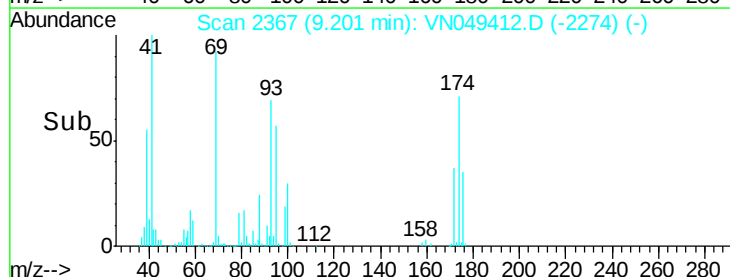
39 53.7 50.6 75.8

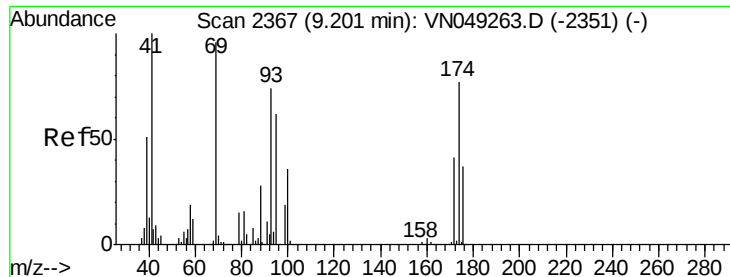


Abundance Ion 41.00 (40.70 to 41.70): VN049412.D (-2274) (-)

Ion 69.00 (68.70 to 69.70): VN049412.D (-2274) (-)

Ion 39.00 (38.70 to 39.70): VN049412.D (-2274) (-)

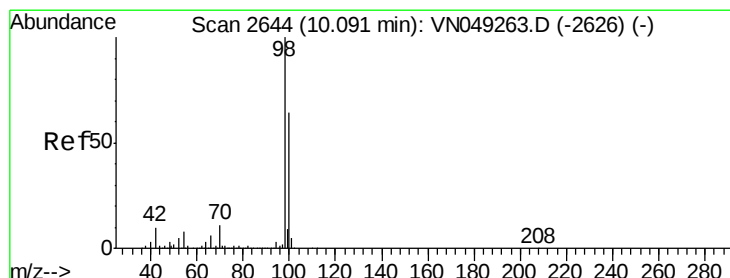
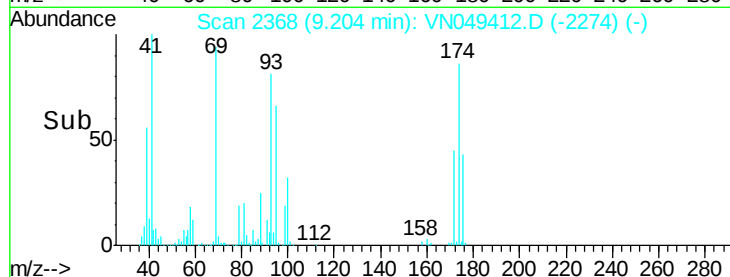
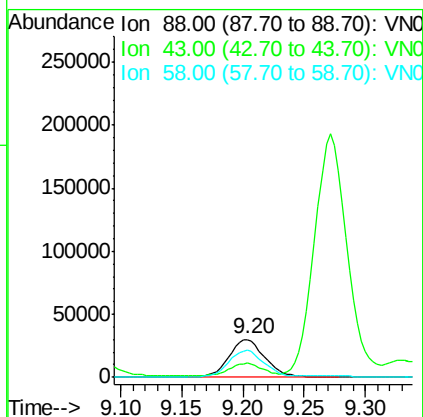
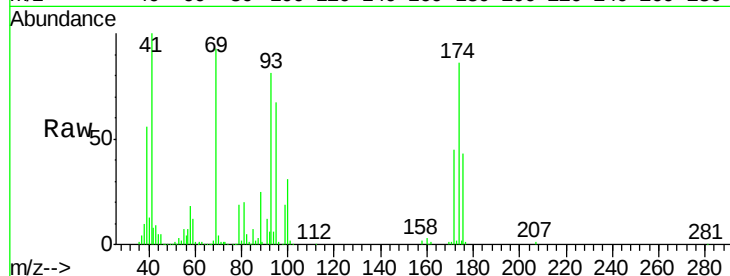




#49
1,4-Dioxane
Concen: 355.67 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049412.D
Acq: 20 Jun 2018 3:38

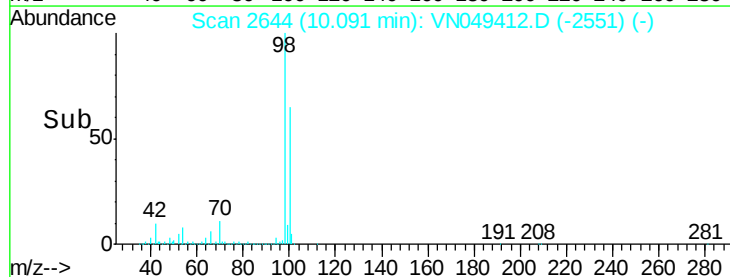
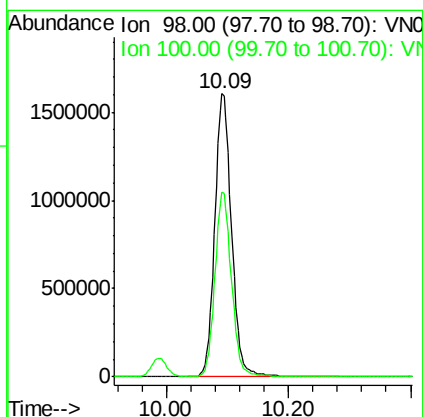
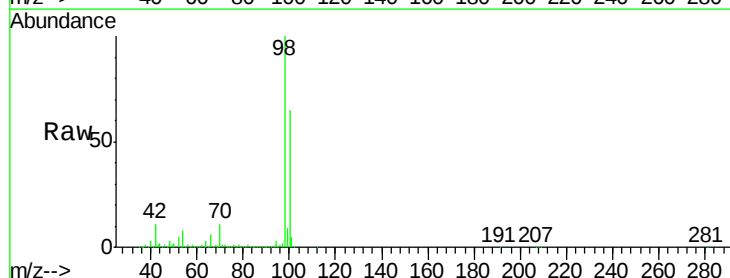
Instrument :
MSVOA_N
ClientSampled :

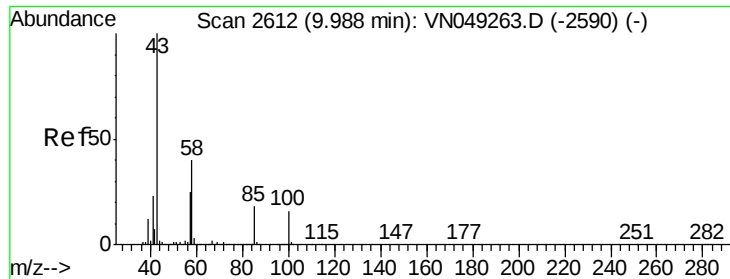
Tot Ion: 88 Resp: 62195
Ion Ratio Lower Upper
88 100
43 30.0 30.9 46.3#
58 70.6 58.9 88.3



#50
Toluene-d8
Concen: 44.11 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049412.D
Acq: 20 Jun 2018 3:38

Tgt Ion: 98 Resp: 3071032
Ion Ratio Lower Upper
98 100
100 64.7 49.8 74.8





#51

4-Methyl-2-Pentanone

Concen: 94.49 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. -0.00 min

Lab File: VN049412.D

Acq: 20 Jun 2018 3:38

Instrument :

MSVOA_N

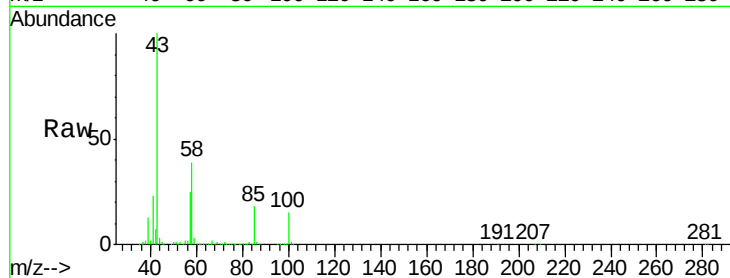
ClientSampled :

Tot Ion: 43 Resp: 1332491

Ion Ratio Lower Upper

43 100

58 38.9 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN049263.D (-2590) (-)

Ion 58.00 (57.70 to 58.70): VN049263.D (-2590) (-)

9.99

800000

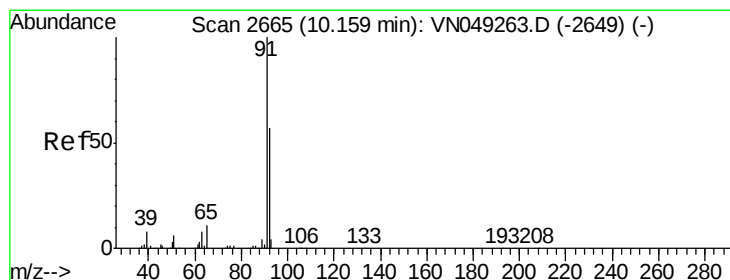
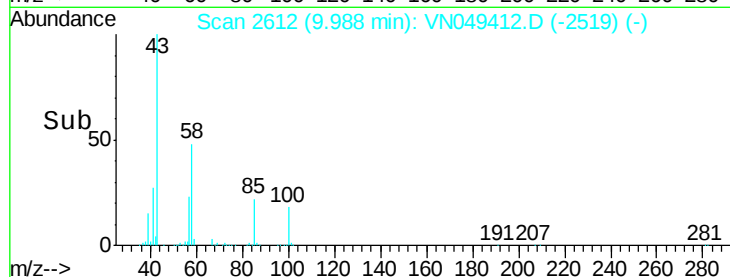
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 19.67 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN049412.D

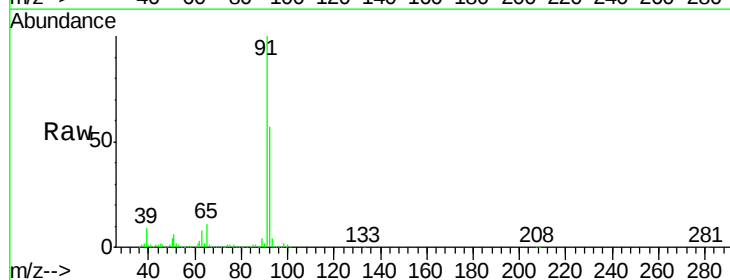
Acq: 20 Jun 2018 3:38

Tgt Ion: 92 Resp: 916775

Ion Ratio Lower Upper

92 100

91 175.6 143.4 215.2



Abundance Ion 92.00 (91.70 to 92.70): VN049263.D (-2649) (-)

Ion 91.00 (90.70 to 91.70): VN049263.D (-2649) (-)

10.16

1000000

800000

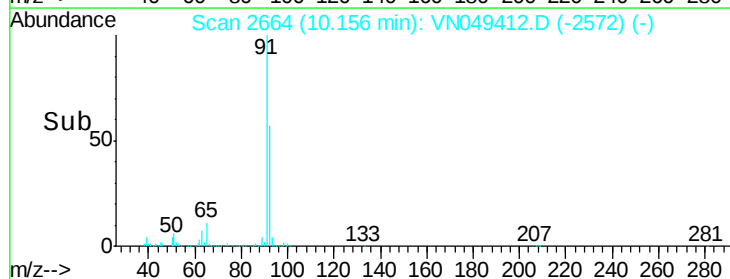
600000

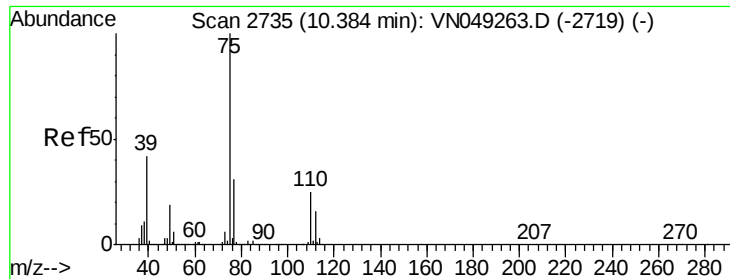
400000

200000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.23 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. -0.00 min

Lab File: VN049412.D

Acq: 20 Jun 2018 3:38

Instrument :

MSVOA_N

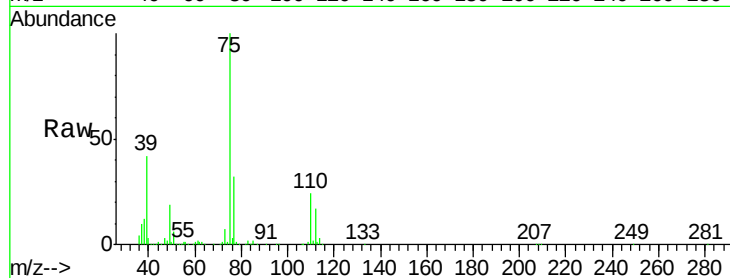
ClientSampleId :

Tot Ion: 75 Resp: 436666

Ion Ratio Lower Upper

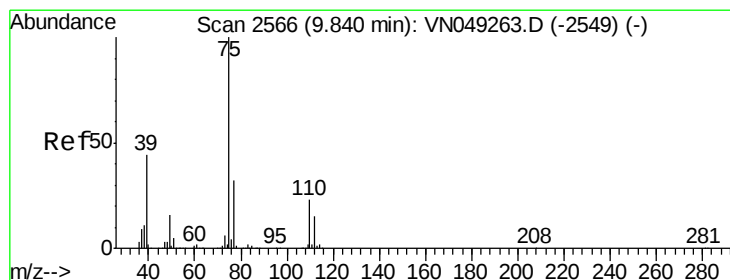
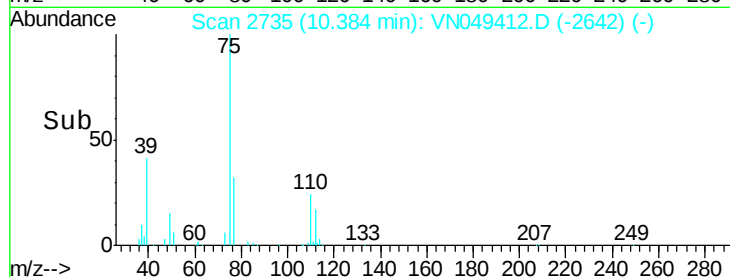
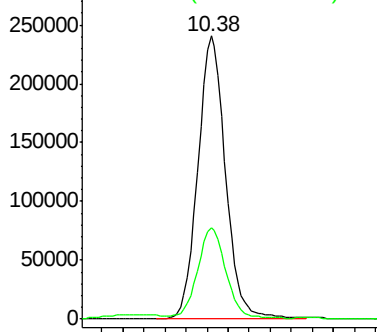
75 100

77 31.7 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 17.54 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VN049412.D

Acq: 20 Jun 2018 3:38

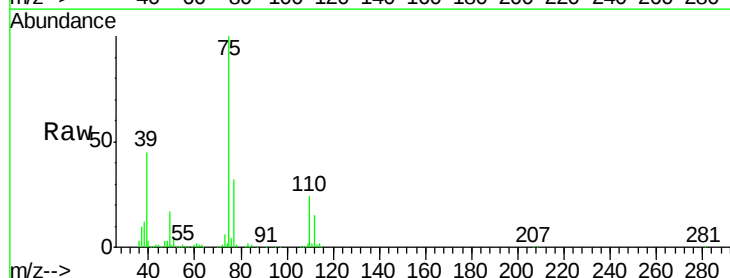
Tgt Ion: 75 Resp: 525066

Ion Ratio Lower Upper

75 100

77 31.9 24.8 37.2

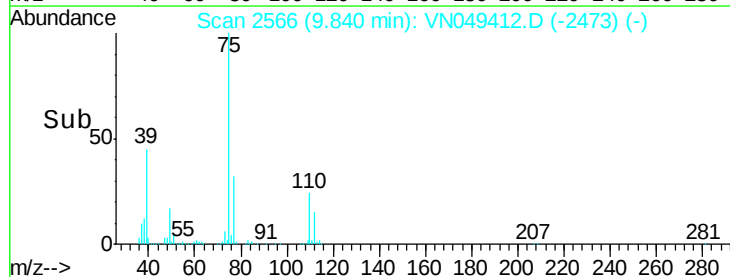
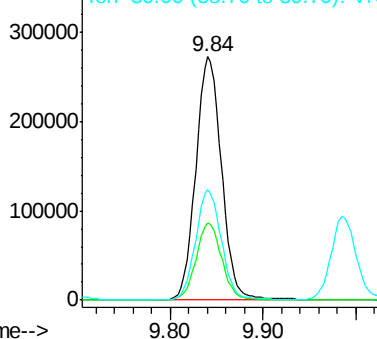
39 45.2 45.1 67.7

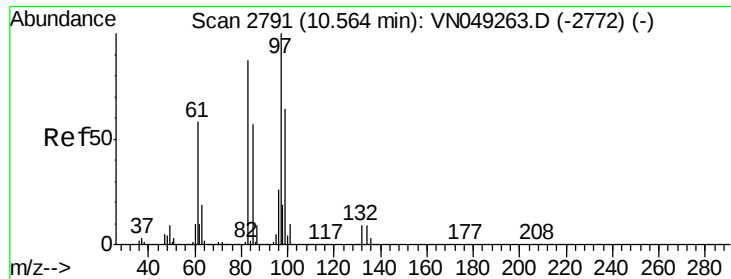


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

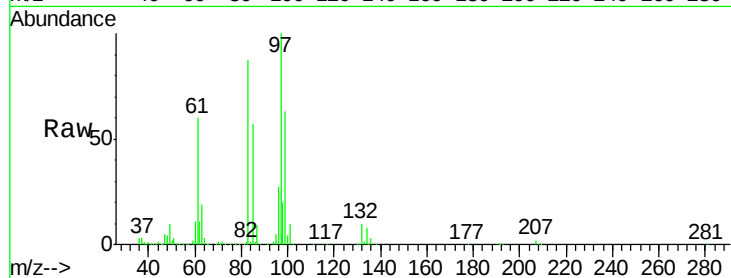




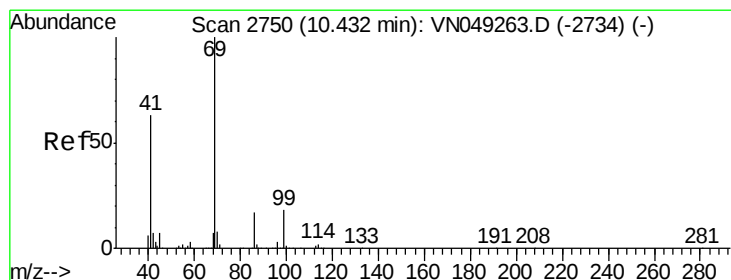
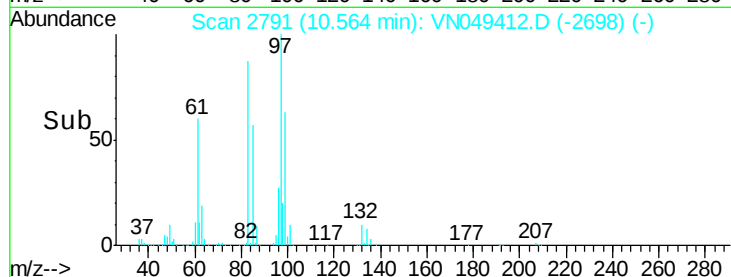
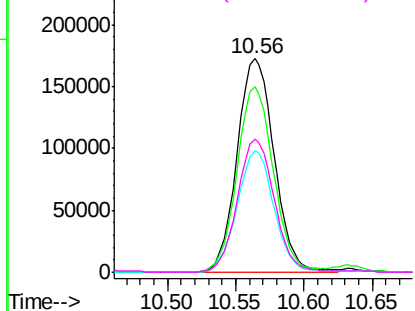
#55
 1,1,2-Trichloroethane
 Concen: 18.86 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: VN049412.D
 Acq: 20 Jun 2018 3:38

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:	97	Resp:	327697
Ion	Ratio	Lower	Upper
97	100		
83	86.6	71.5	107.3
85	56.7	47.0	70.4
99	62.6	51.4	77.2

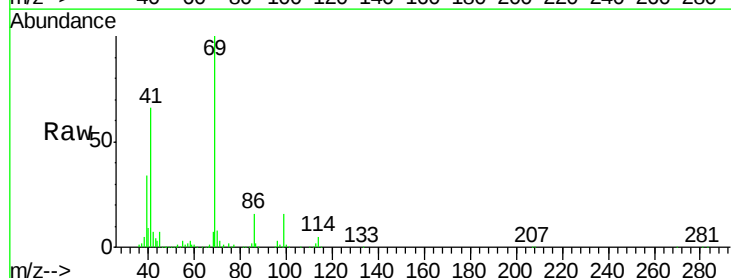


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

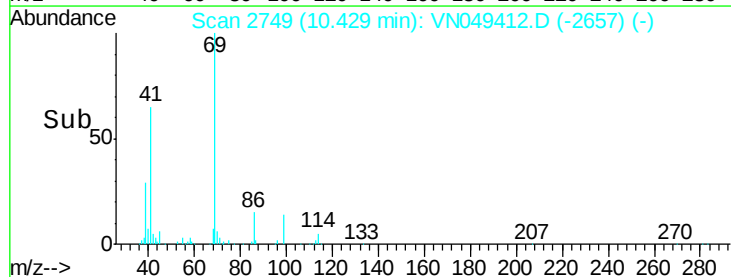
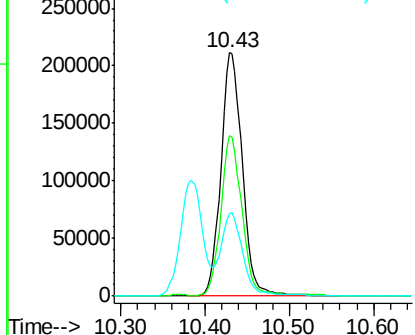


#56
 Ethyl methacrylate
 Concen: 18.65 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. -0.00 min
 Lab File: VN049412.D
 Acq: 20 Jun 2018 3:38

Tgt Ion:	69	Resp:	373852
Ion	Ratio	Lower	Upper
69	100		
41	63.7	58.4	87.6
39	34.4	35.5	53.3#



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

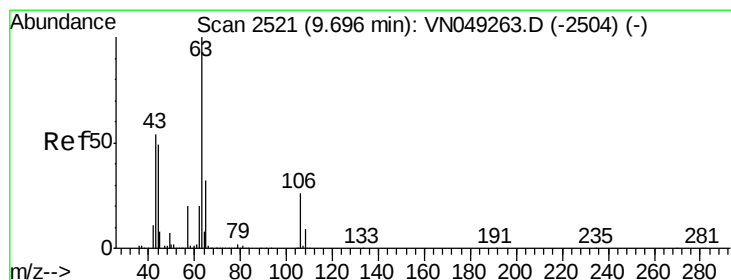
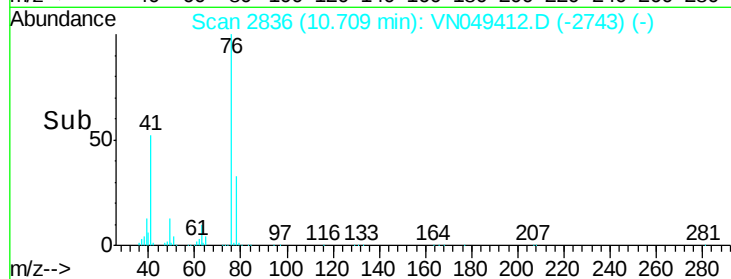
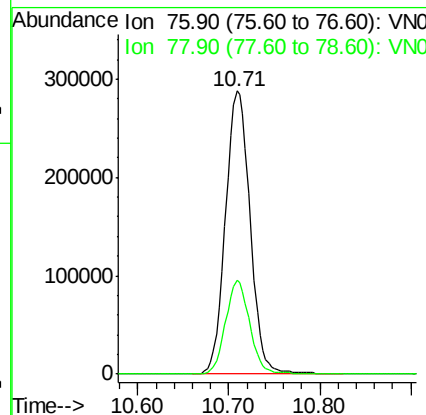
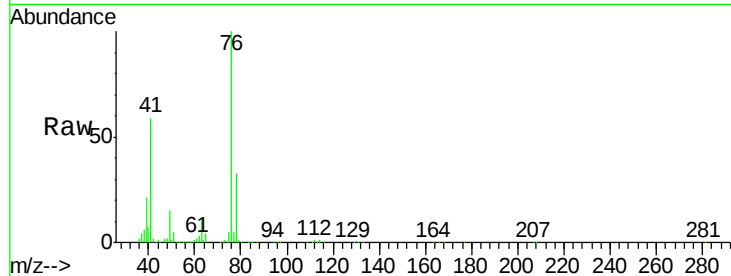




#57
 1,3-Dichloropropane
 Concen: 18.82 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. -0.00 min
 Lab File: VN049412.D
 Acq: 20 Jun 2018 3:38

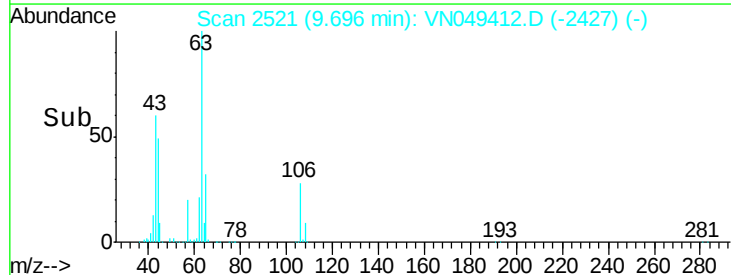
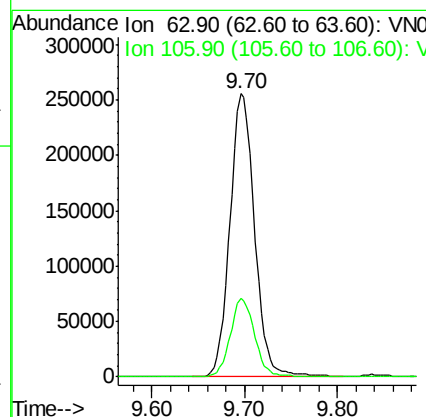
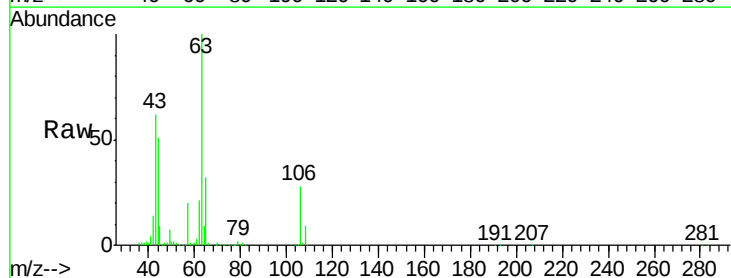
Instrument :
 MSVOA_N
 ClientSampleId :

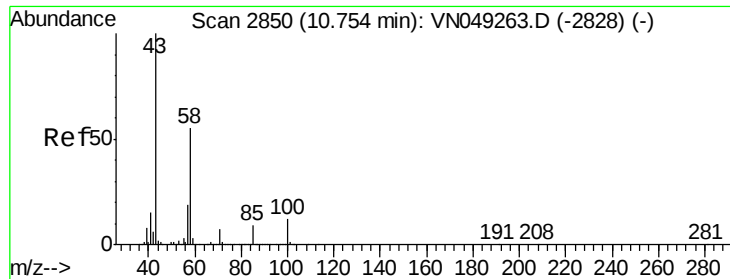
Tot Ion: 76 Resp: 541803
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 76.48 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN049412.D
 Acq: 20 Jun 2018 3:38

Tgt Ion: 63 Resp: 472476
 Ion Ratio Lower Upper
 63 100
 106 27.4 19.4 29.2

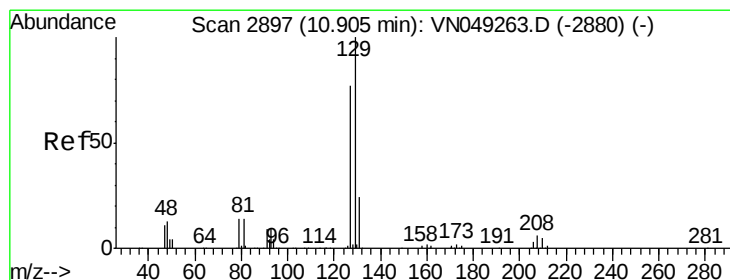
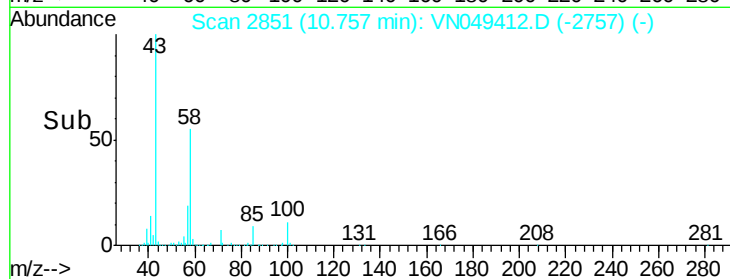
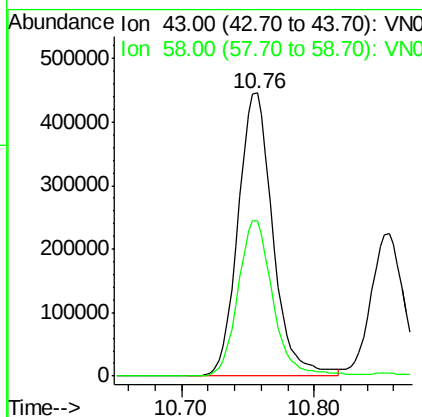
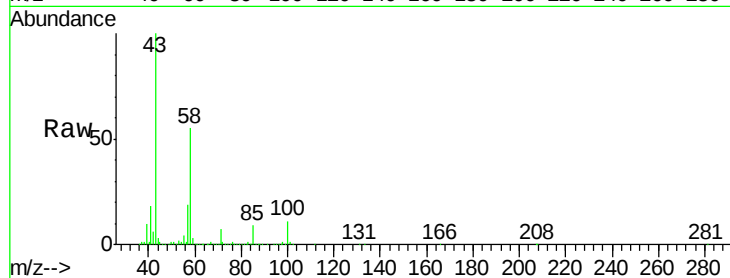




#59
2-Hexanone
Concen: 88.93 ug/l
RT: 10.76 min Scan# 2851
Delta R.T. 0.00 min
Lab File: VN049412.D
Acq: 20 Jun 2018 3:38

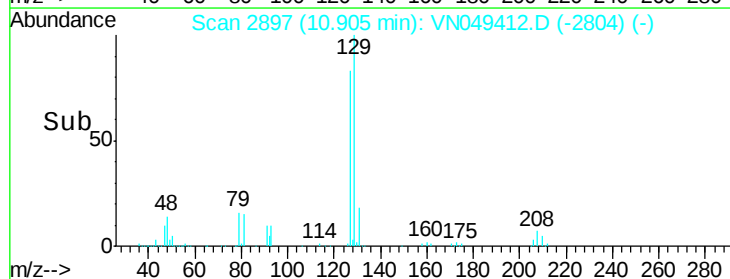
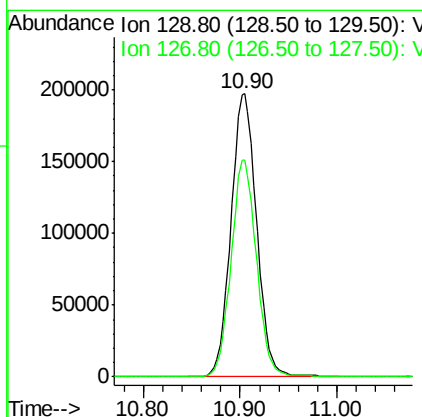
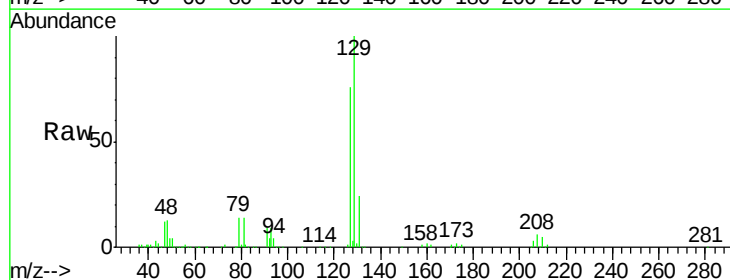
Instrument :
MSVOA_N
ClientSampleId :

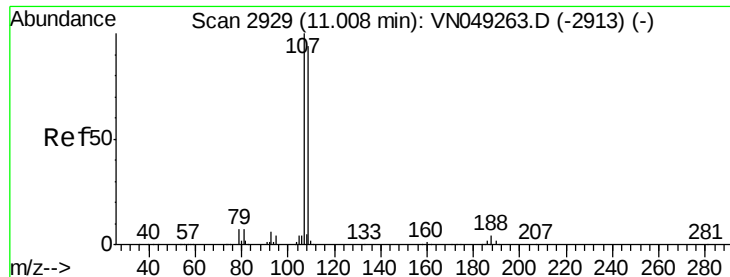
Tot Ion: 43 Resp: 808473
Ion Ratio Lower Upper
43 100
58 55.4 25.2 75.6



#60
Dibromochloromethane
Concen: 18.73 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. -0.00 min
Lab File: VN049412.D
Acq: 20 Jun 2018 3:38

Tgt Ion: 129 Resp: 363321
Ion Ratio Lower Upper
129 100
127 75.8 39.1 117.2

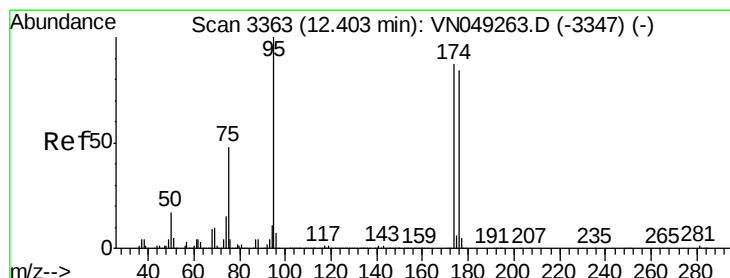
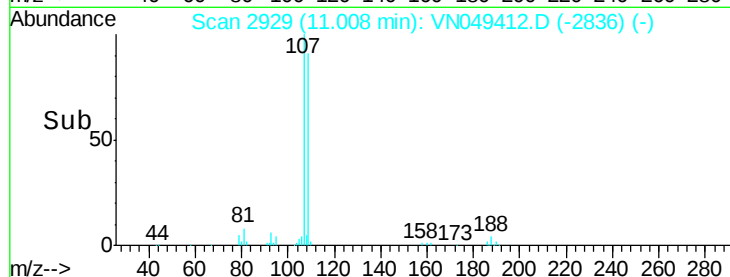
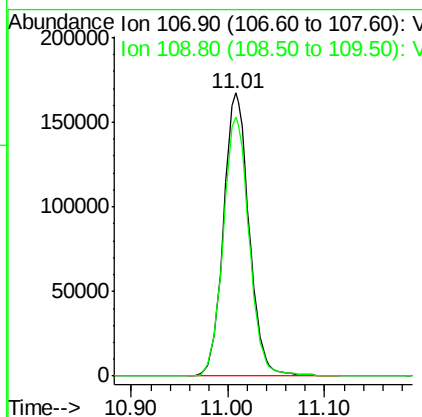
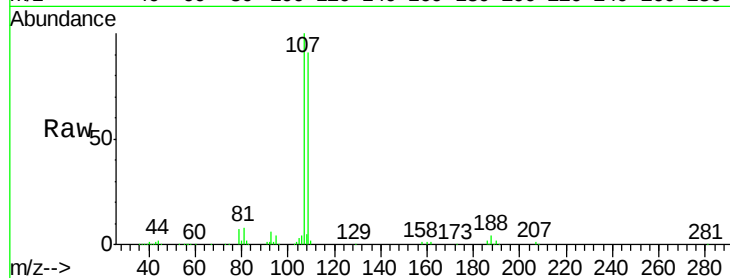




#61
 1,2-Dibromoethane
 Concen: 19.02 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. -0.00 min
 Lab File: VN049412.D
 Acq: 20 Jun 2018 3:38

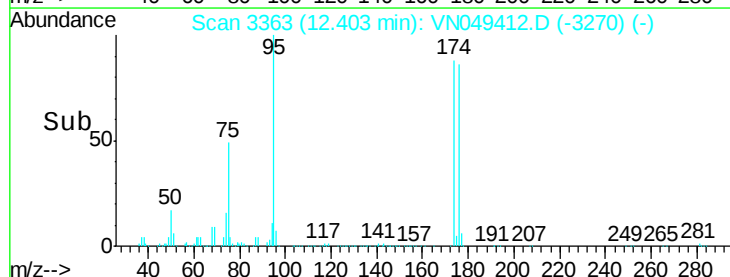
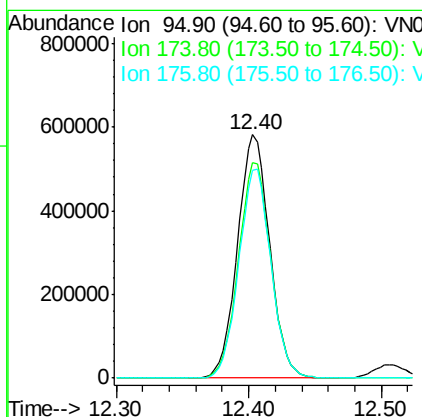
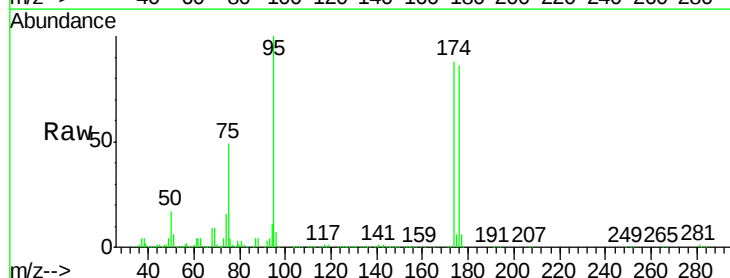
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 107 Resp: 307146
 Ion Ratio Lower Upper
 107 100
 109 92.9 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 42.50 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049412.D
 Acq: 20 Jun 2018 3:38

Tgt Ion: 95 Resp: 978352
 Ion Ratio Lower Upper
 95 100
 174 89.0 0.0 165.6
 176 85.9 0.0 157.4





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049412.D

Acq: 20 Jun 2018 3:38

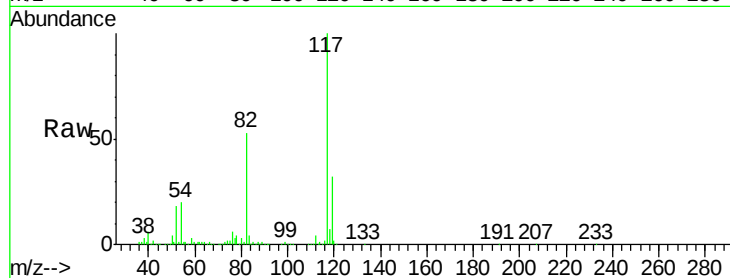
Instrument :

MSVOA_N

ClientSampled :

Tot Ion:117 Resp: 2001047

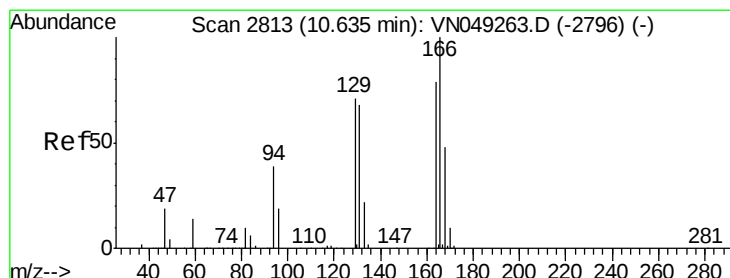
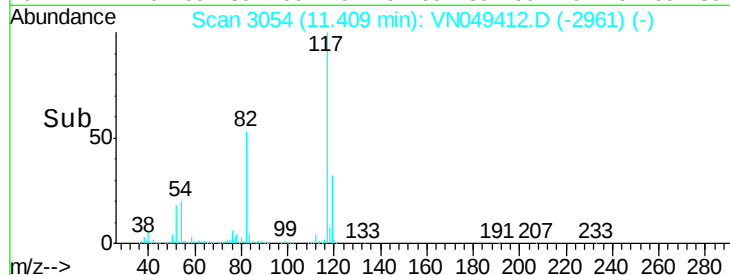
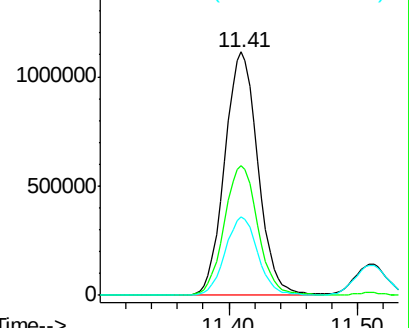
Ion	Ratio	Lower	Upper
117	100		
82	53.5	45.9	68.9
119	32.0	25.5	38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 21.50 ug/l

RT: 10.63 min Scan# 2812

Delta R.T. -0.00 min

Lab File: VN049412.D

Acq: 20 Jun 2018 3:38

Tgt Ion:164 Resp: 440916

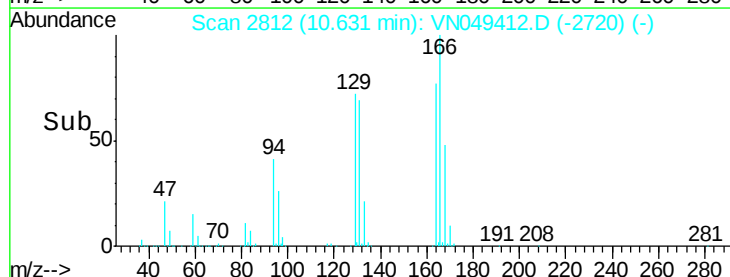
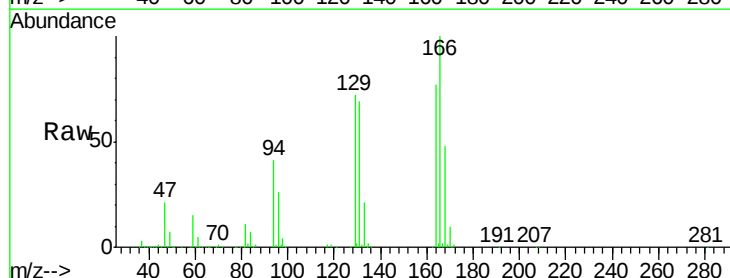
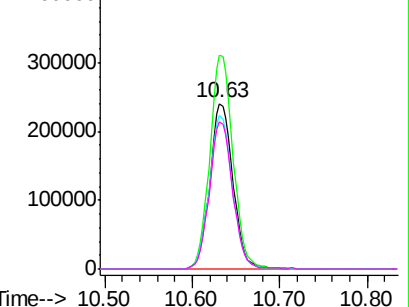
Ion	Ratio	Lower	Upper
164	100		
166	129.4	101.4	152.2
129	92.9	74.1	111.1
131	89.1	73.7	110.5

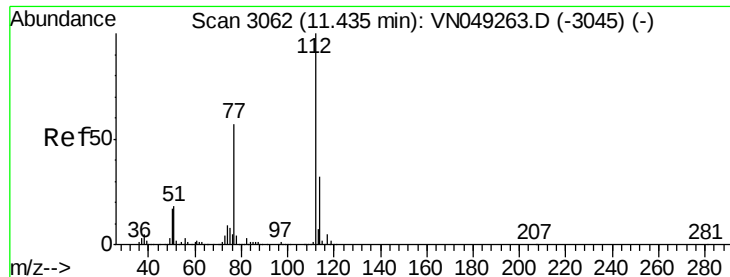
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.14 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN049412.D

Acq: 20 Jun 2018 3:38

Instrument :

MSVOA_N

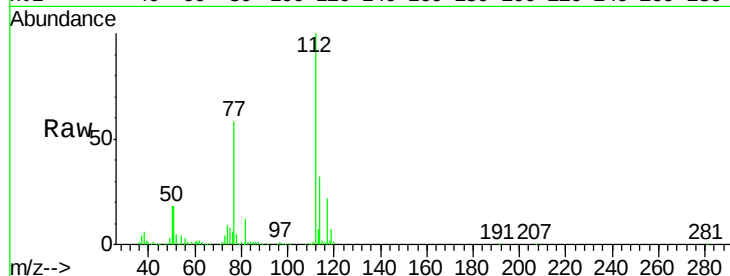
ClientSampled :

Tot Ion:112 Resp: 986405

Ion Ratio Lower Upper

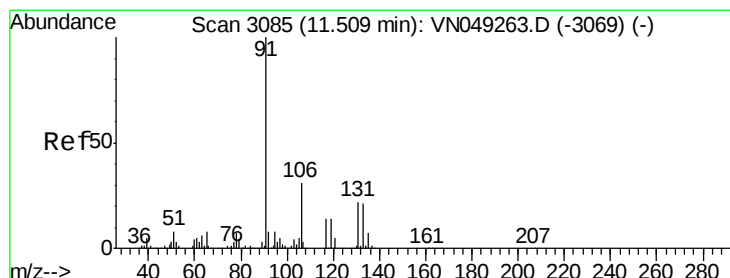
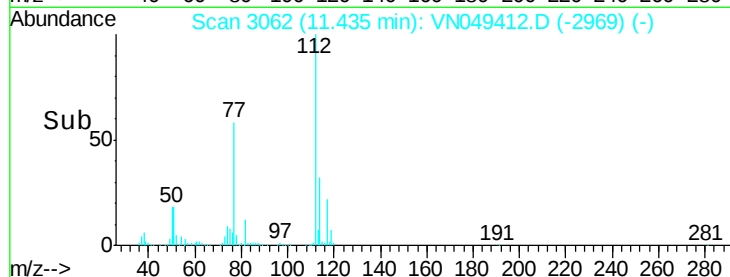
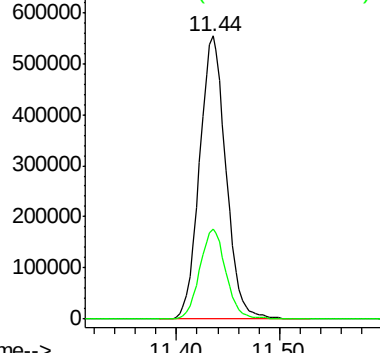
112 100

114 31.8 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: 18.92 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049412.D

Acq: 20 Jun 2018 3:38

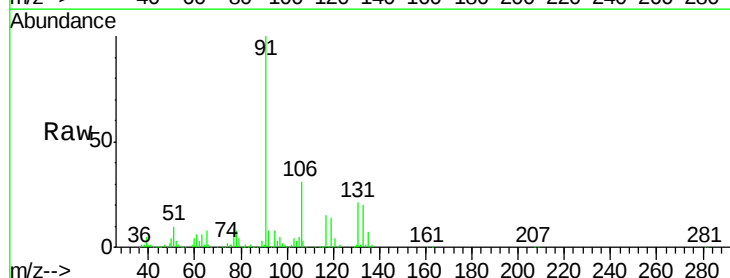
Tgt Ion:131 Resp: 367053

Ion Ratio Lower Upper

131 100

133 95.4 48.0 144.2

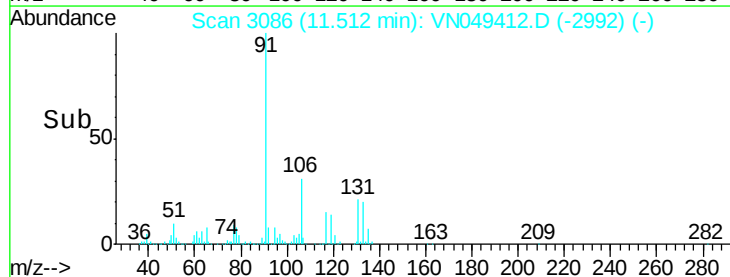
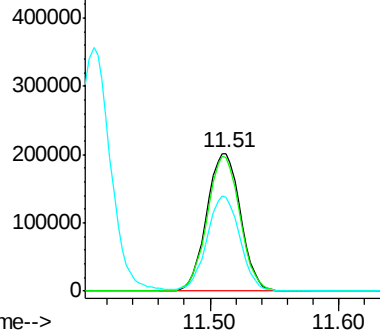
119 67.5 33.6 100.8

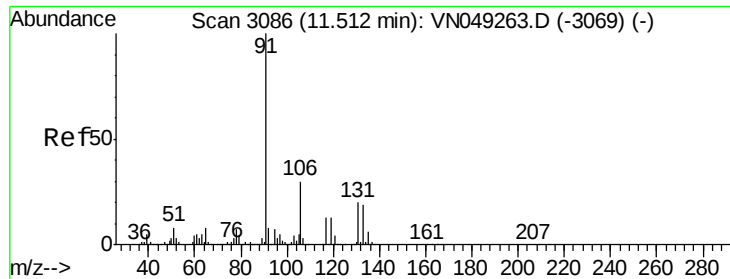


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

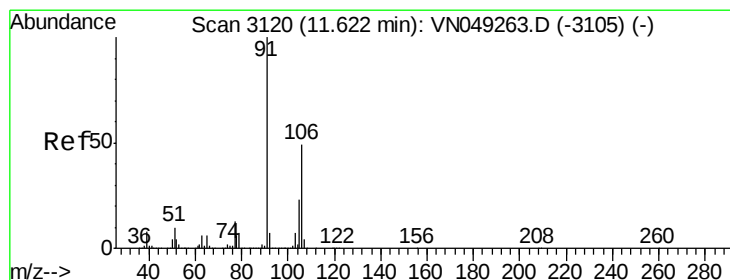
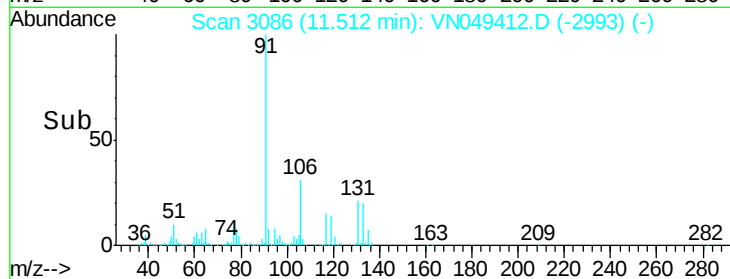
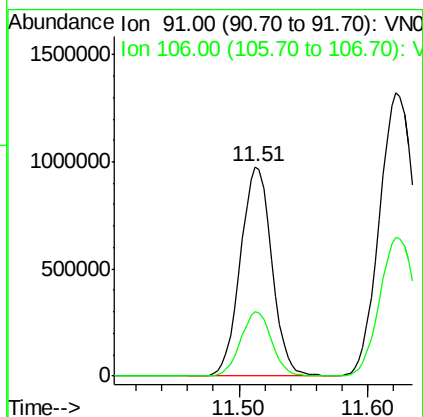
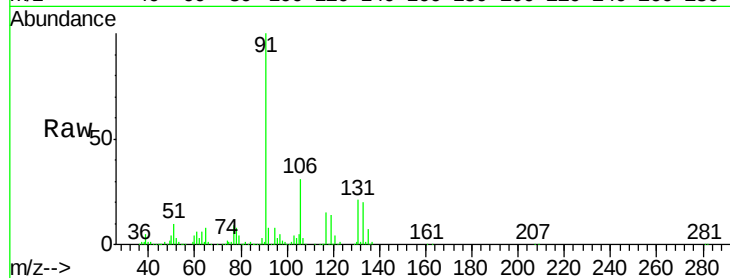




#67
Ethyl Benzene
Concen: 19.41 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VN049412.D
Acq: 20 Jun 2018 3:38

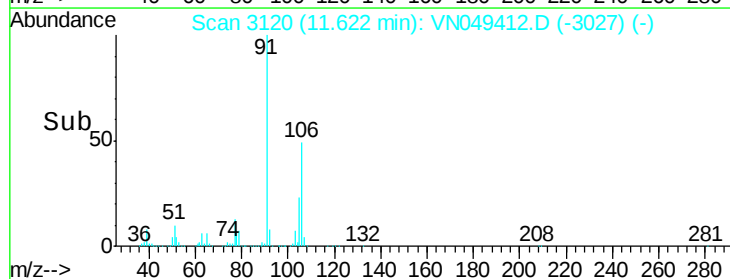
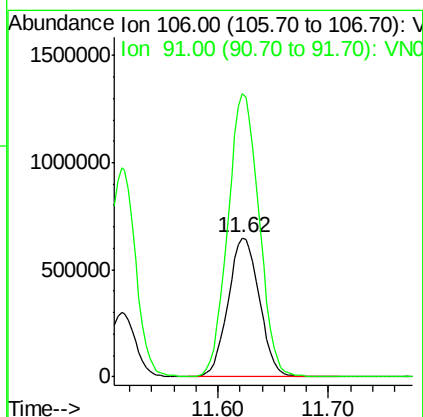
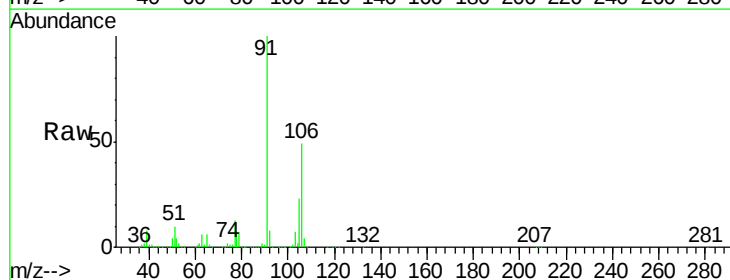
Instrument :
MSVOA_N
ClientSampled :

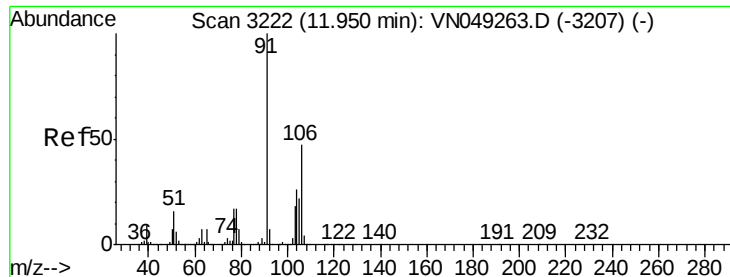
Tot Ion: 91 Resp: 1659465
Ion Ratio Lower Upper
91 100
106 30.7 23.9 35.9



#68
m/p-Xylenes
Concen: 39.64 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. -0.00 min
Lab File: VN049412.D
Acq: 20 Jun 2018 3:38

Tgt Ion: 106 Resp: 1272056
Ion Ratio Lower Upper
106 100
91 203.7 167.3 250.9

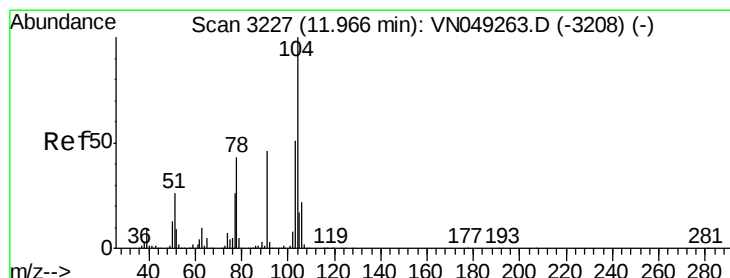
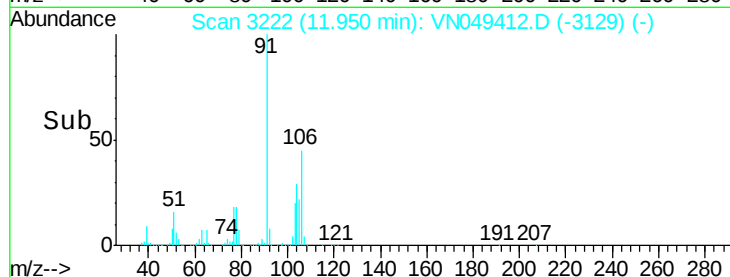
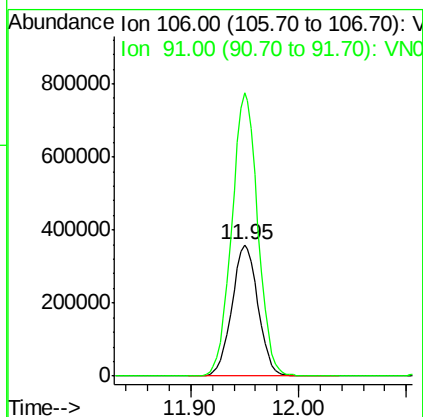
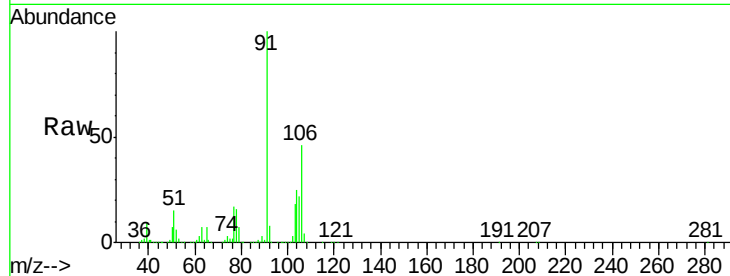




#69
o-Xylene
Concen: 19.60 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN049412.D
Acq: 20 Jun 2018 3:38

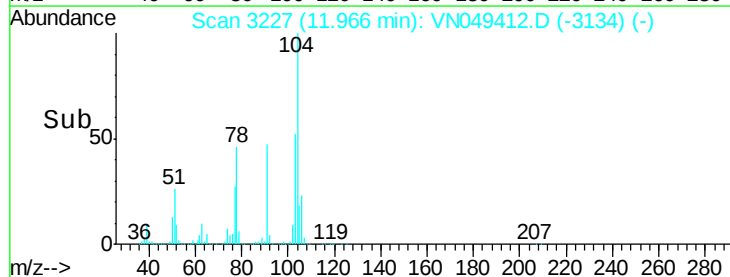
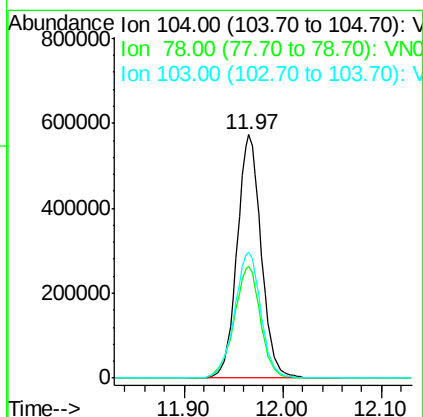
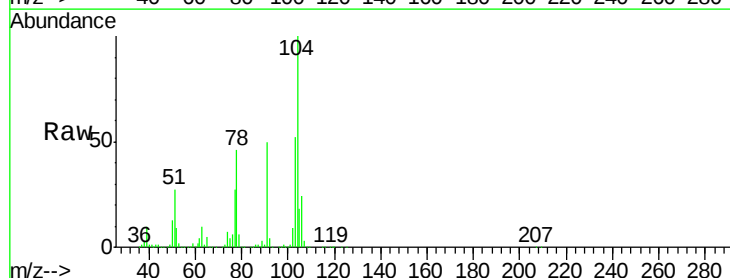
Instrument :
MSVOA_N
ClientSampled :

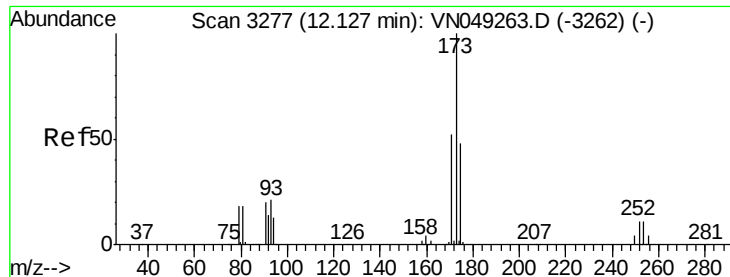
Tot Ion:106 Resp: 605904
Ion Ratio Lower Upper
106 100
91 215.3 111.0 333.0



#70
Styrene
Concen: 19.83 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. -0.00 min
Lab File: VN049412.D
Acq: 20 Jun 2018 3:38

Tgt Ion:104 Resp: 966843
Ion Ratio Lower Upper
104 100
78 50.3 41.6 62.4
103 56.4 45.4 68.2





#71

Bromoform

Concen: 18.84 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN049412.D

Acq: 20 Jun 2018 3:38

Instrument :

MSVOA_N

ClientSampleId :

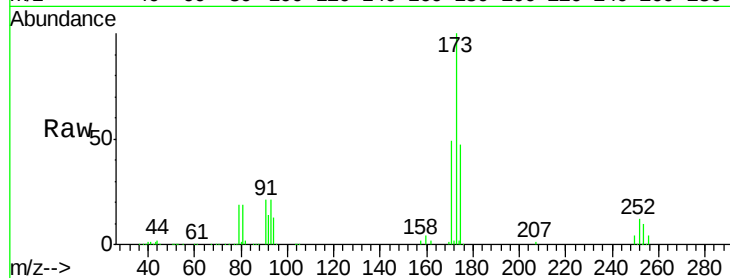
Tot Ion:173 Resp: 236605

Ion Ratio Lower Upper

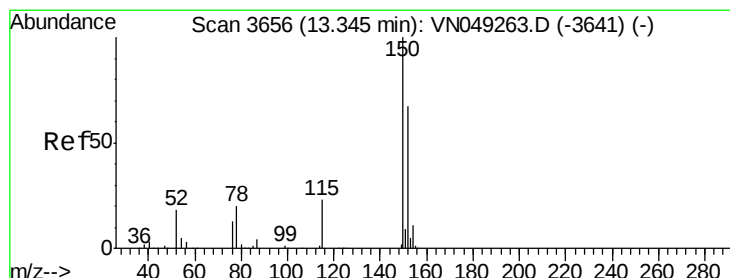
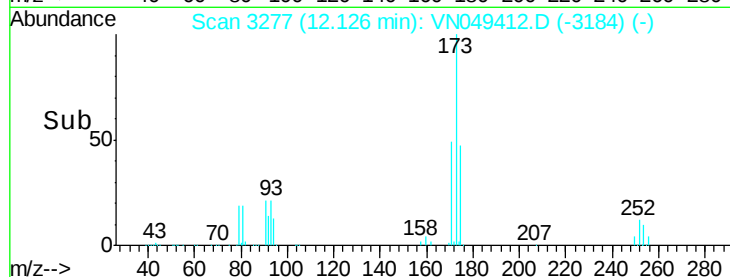
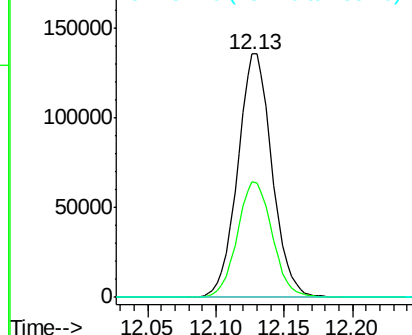
173 100

175 48.4 24.5 73.5

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049412.D

Acq: 20 Jun 2018 3:38

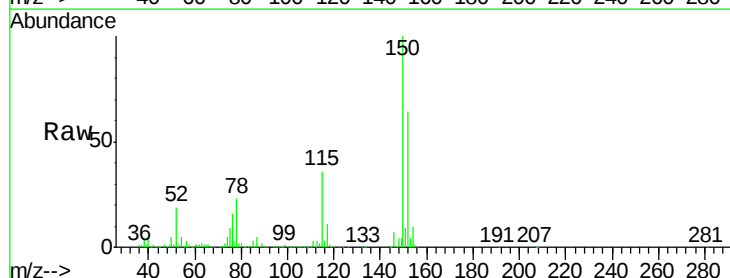
Tgt Ion:152 Resp: 921344

Ion Ratio Lower Upper

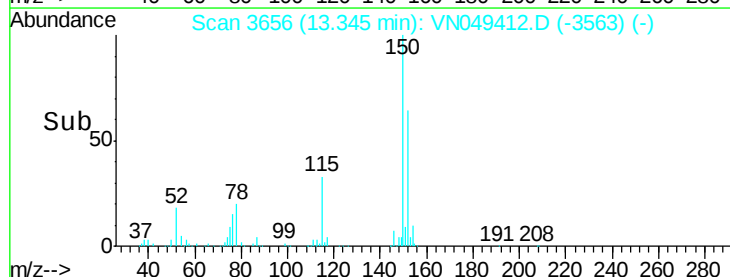
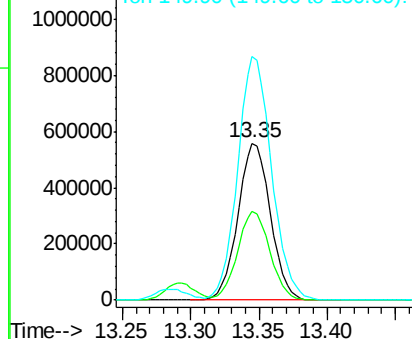
152 100

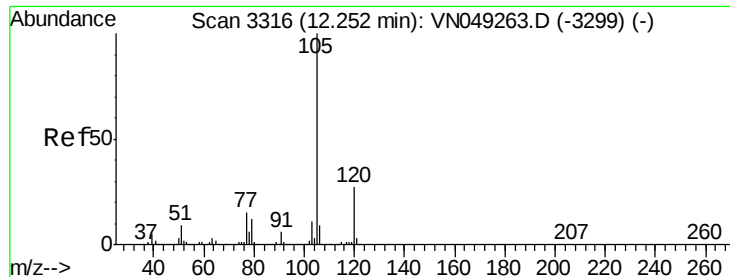
115 56.0 28.7 86.1

150 162.4 0.0 351.0



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





#73

Isopropylbenzene

Concen: 19.84 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. -0.00 min

Lab File: VN049412.D

Acq: 20 Jun 2018 3:38

Instrument :

MSVOA_N

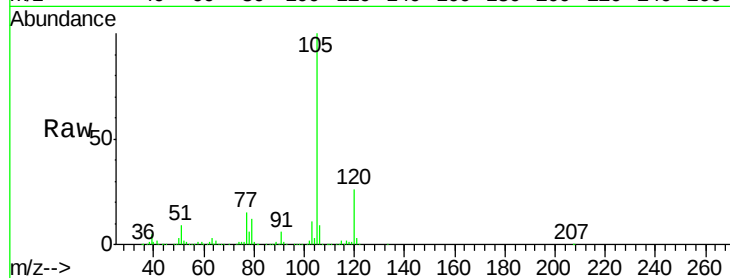
ClientSampleId :

Tot Ion:105 Resp: 1604785

Ion Ratio Lower Upper

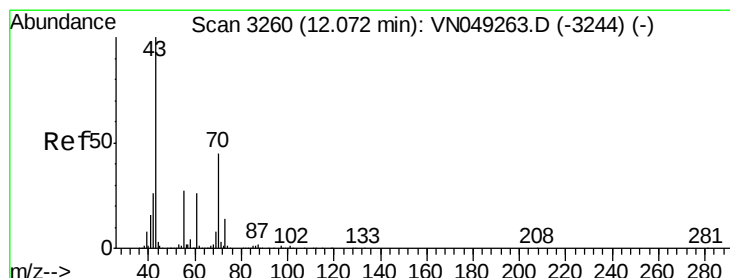
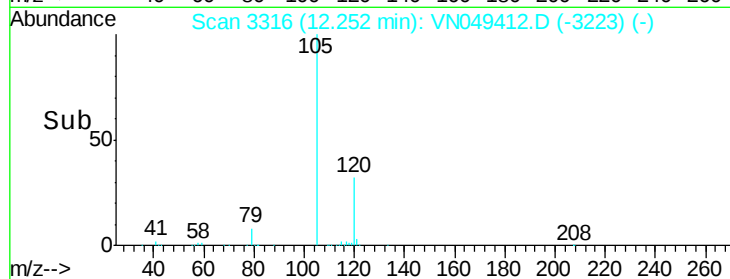
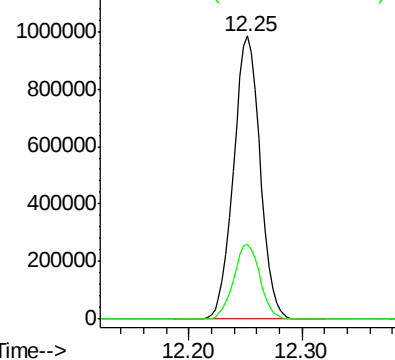
105 100

120 26.3 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.51 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN049412.D

Acq: 20 Jun 2018 3:38

Tgt Ion: 43 Resp: 366783

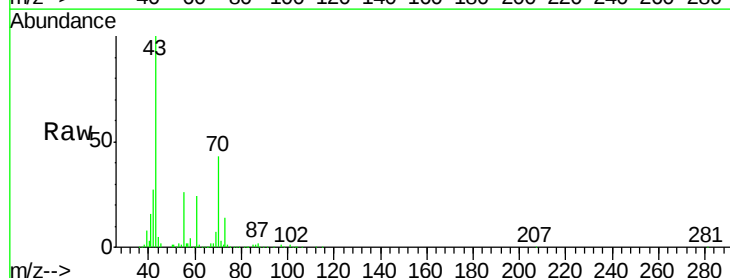
Ion Ratio Lower Upper

43 100

70 43.1 30.3 45.5

55 27.0 19.4 29.2

61 24.0 17.8 26.6

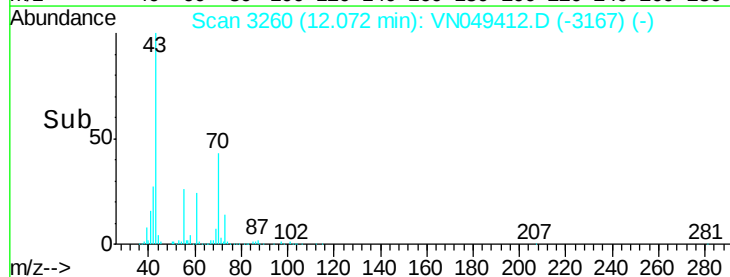
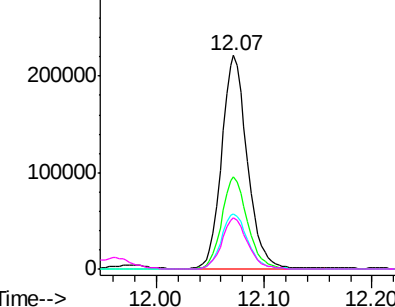


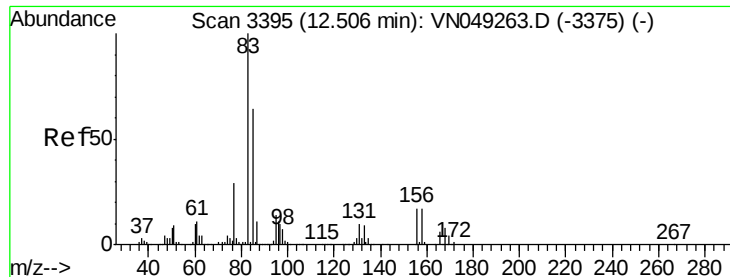
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.70 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049412.D

Acq: 20 Jun 2018 3:38

Instrument :

MSVOA_N

ClientSampleId :

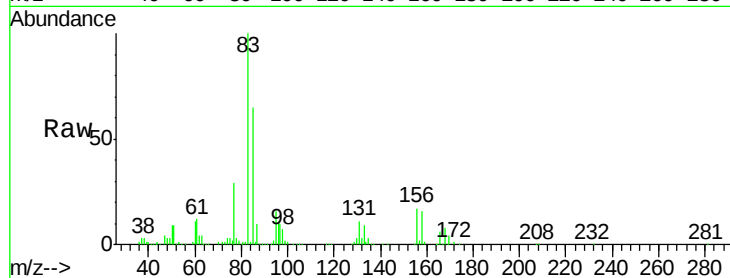
Tot Ion: 83 Resp: 350462

Ion Ratio Lower Upper

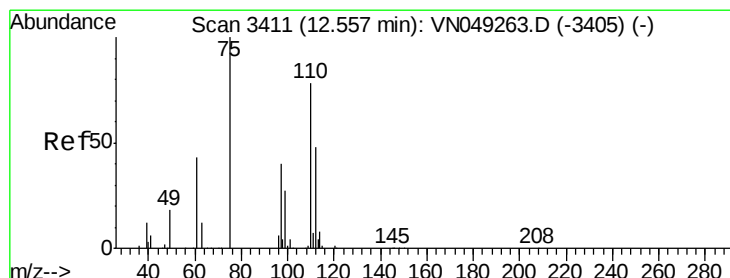
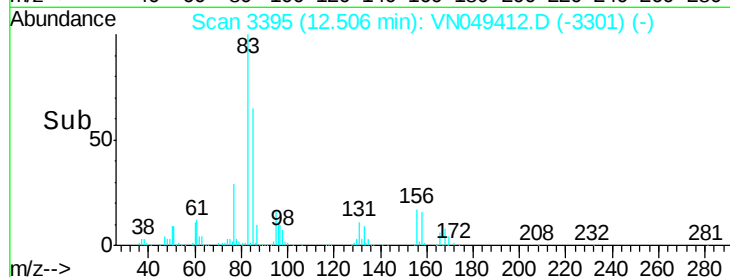
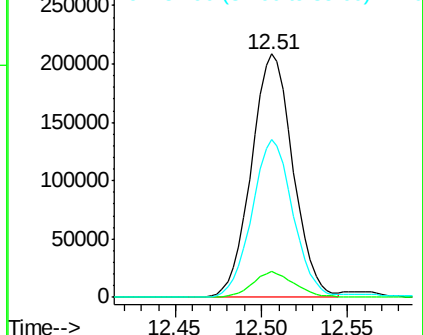
83 100

131 10.5 5.0 15.0

85 63.8 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: 27.90 ug/l

RT: 12.56 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN049412.D

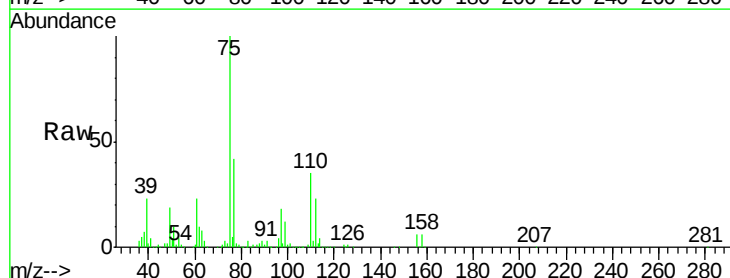
Acq: 20 Jun 2018 3:38

Tgt Ion: 75 Resp: 438573

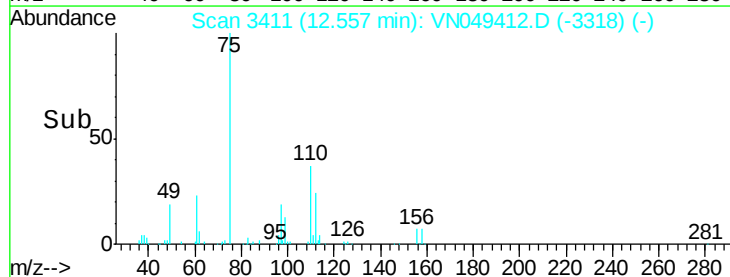
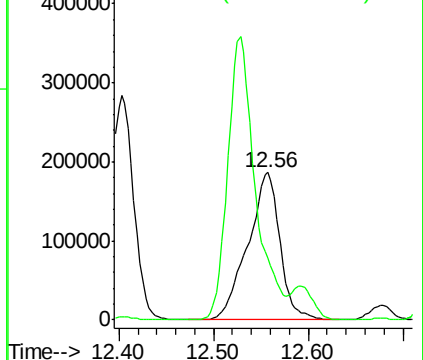
Ion Ratio Lower Upper

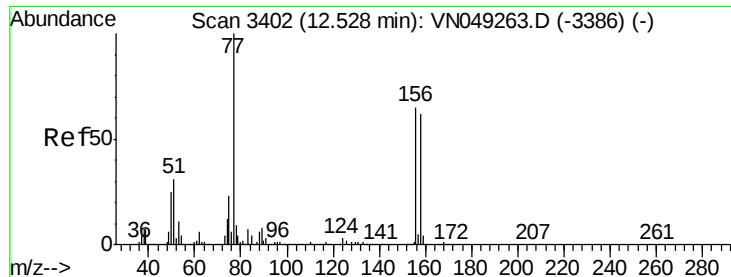
75 100

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: 18.53 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. -0.00 min

Lab File: VN049412.D

Acq: 20 Jun 2018 3:38

Instrument :

MSVOA_N

ClientSampleId :

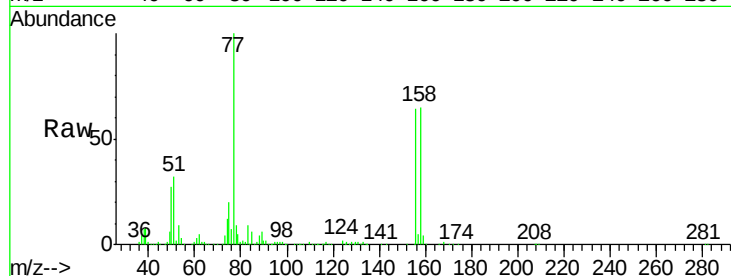
Tot Ion:156 Resp: 395921

Ion Ratio Lower Upper

156 100

77 183.9 100.8 302.4

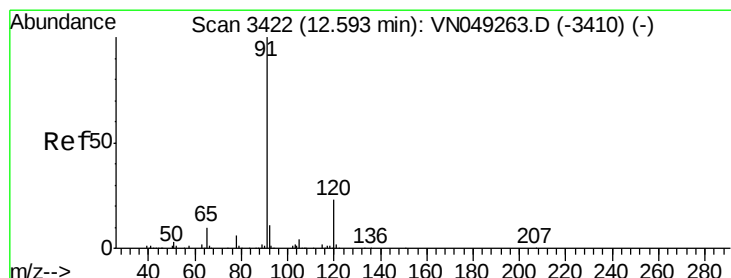
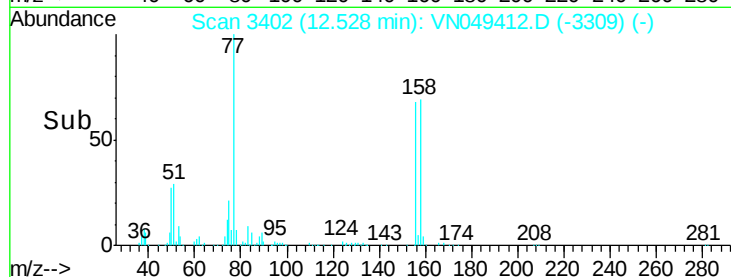
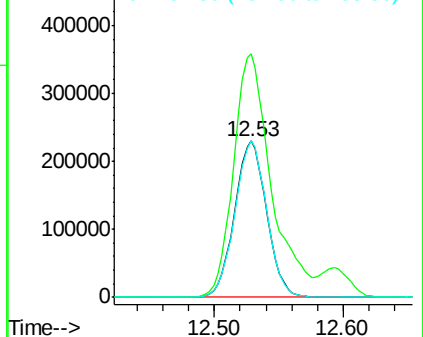
158 99.6 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.85 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN049412.D

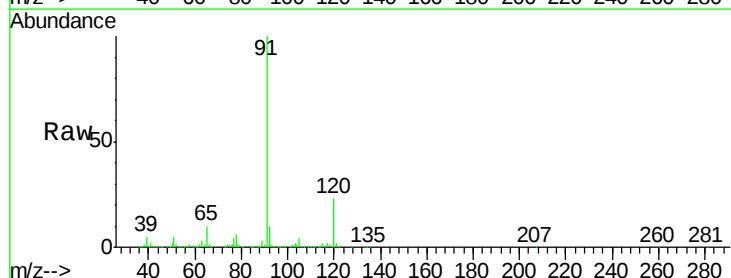
Acq: 20 Jun 2018 3:38

Tgt Ion: 91 Resp: 1762867

Ion Ratio Lower Upper

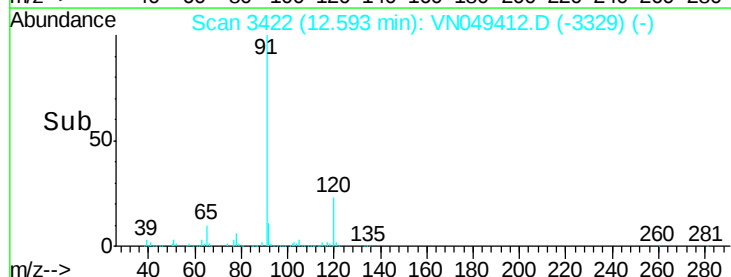
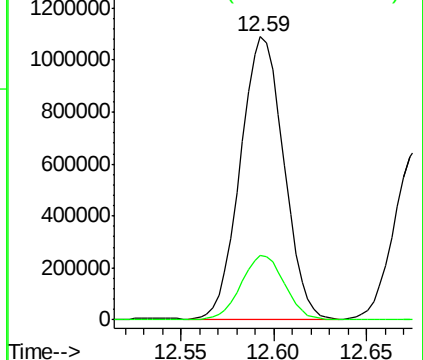
91 100

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: 19.71 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. -0.00 min

Lab File: VN049412.D

Acq: 20 Jun 2018 3:38

Instrument :

MSVOA_N

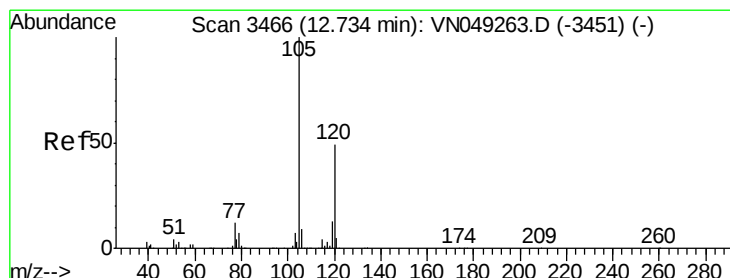
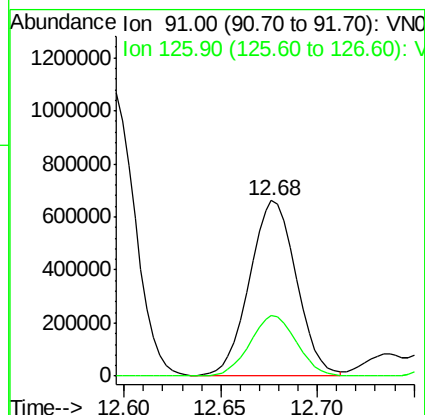
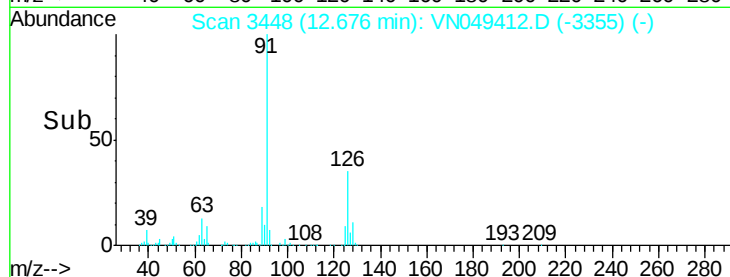
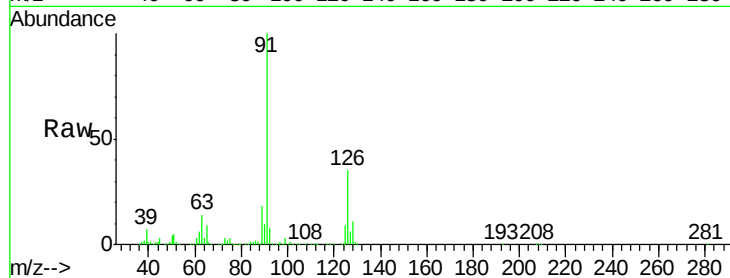
ClientSampleId :

Tot Ion: 91 Resp: 1109311

Ion Ratio Lower Upper

91 100

126 34.6 16.6 49.8



#80

1,3,5-Trimethylbenzene

Concen: 20.39 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN049412.D

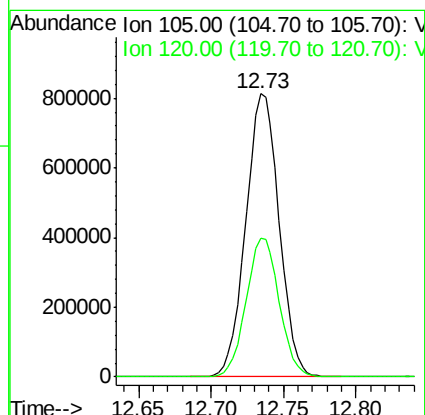
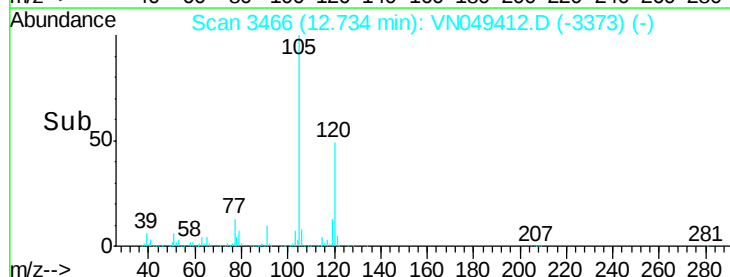
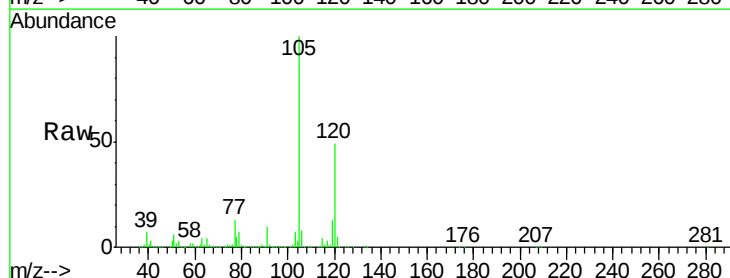
Acq: 20 Jun 2018 3:38

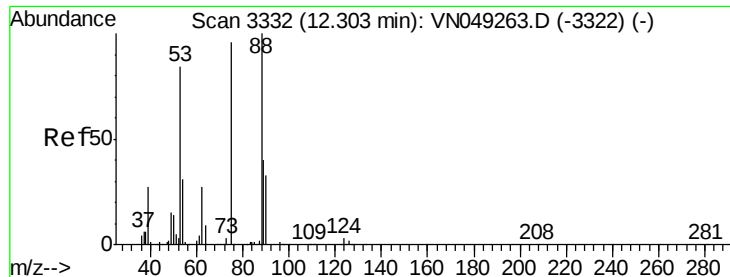
Tgt Ion: 105 Resp: 1296805

Ion Ratio Lower Upper

105 100

120 48.7 23.5 70.5

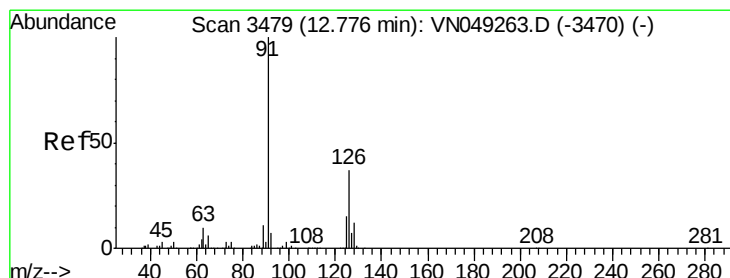
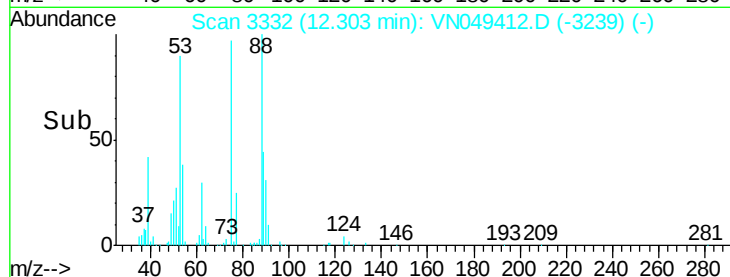
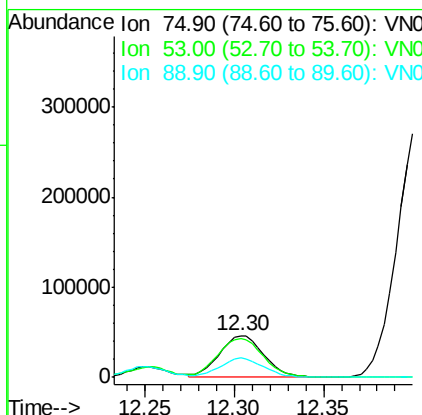
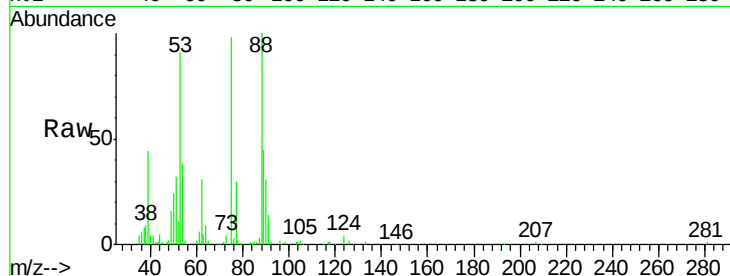




#81
trans-1,4-Dichloro-2-butene
Concen: 15.82 ug/l
RT: 12.30 min Scan# 3332
Delta R.T. -0.00 min
Lab File: VN049412.D
Acq: 20 Jun 2018 3:38

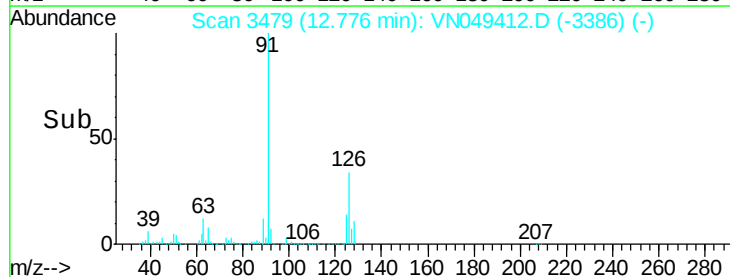
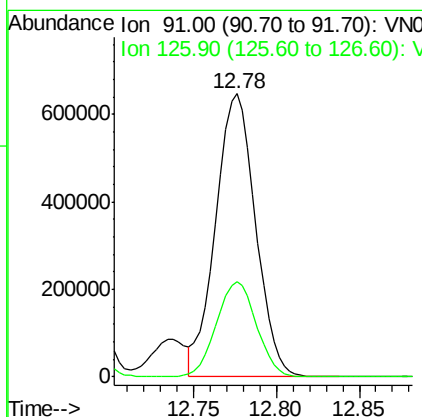
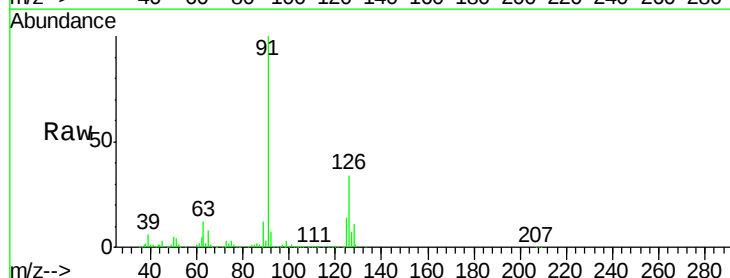
Instrument :
MSVOA_N
ClientSampleId :

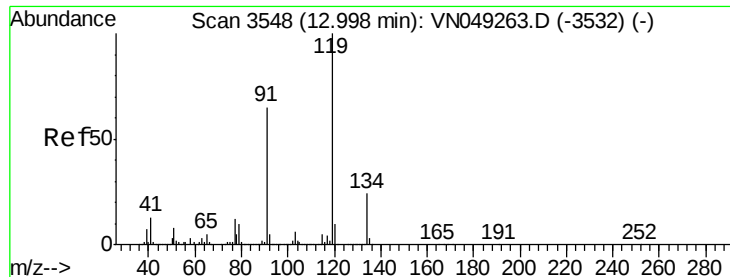
Tot Ion: 75 Resp: 78670
Ion Ratio Lower Upper
75 100
53 98.1 82.7 124.1
89 46.1 36.5 54.7



#82
4-Chlorotoluene
Concen: 19.89 ug/l
RT: 12.78 min Scan# 3479
Delta R.T. -0.00 min
Lab File: VN049412.D
Acq: 20 Jun 2018 3:38

Tgt Ion: 91 Resp: 1080038
Ion Ratio Lower Upper
91 100
126 33.9 16.4 49.1





#83

tert-Butylbenzene

Concen: 19.77 ug/l

RT: 13.00 min Scan# 3548

Delta R.T. -0.00 min

Lab File: VN049412.D

Acq: 20 Jun 2018 3:38

Instrument :

MSVOA_N

ClientSampleId :

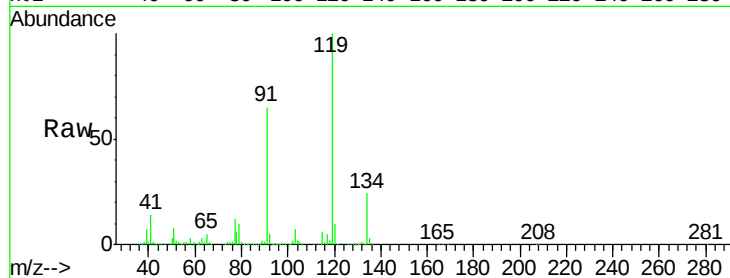
Tot Ion:119 Resp: 1113703

Ion Ratio Lower Upper

119 100

91 63.6 33.7 101.0

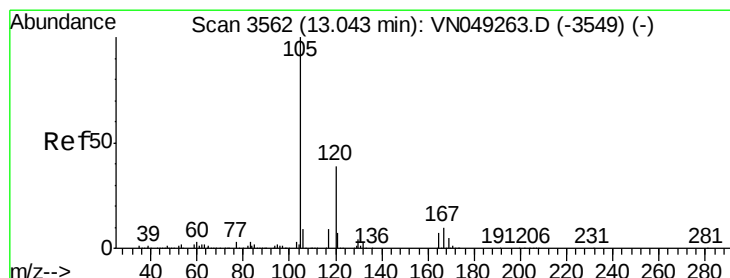
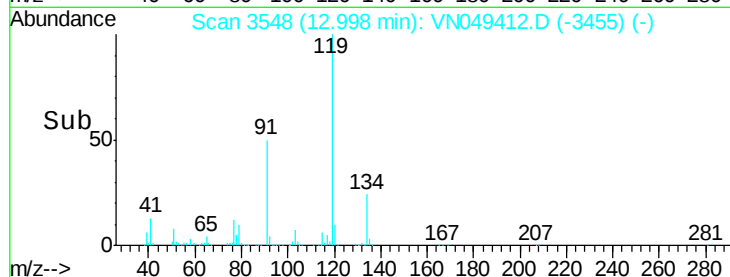
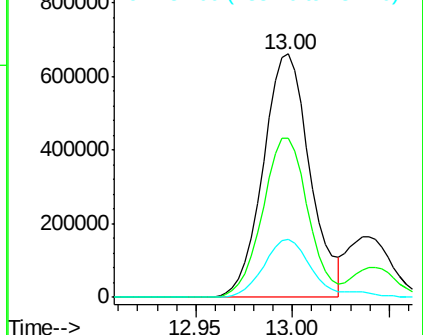
134 25.1 12.9 38.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.54 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. -0.00 min

Lab File: VN049412.D

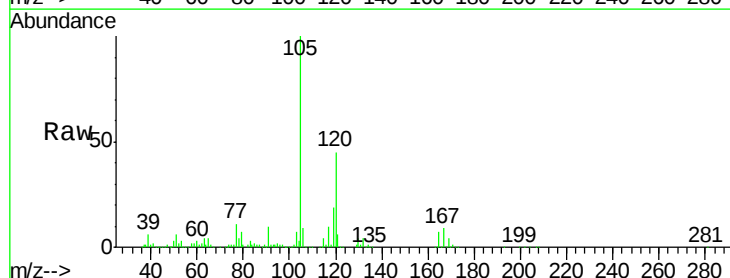
Acq: 20 Jun 2018 3:38

Tgt Ion:105 Resp: 1297397

Ion Ratio Lower Upper

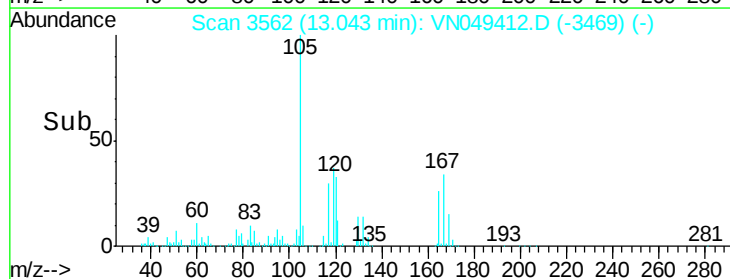
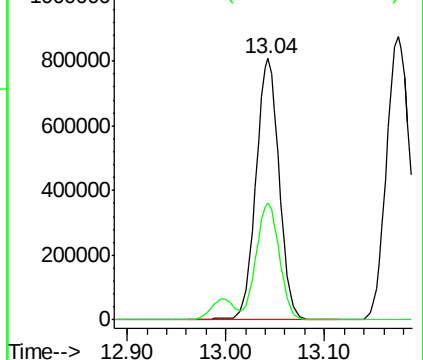
105 100

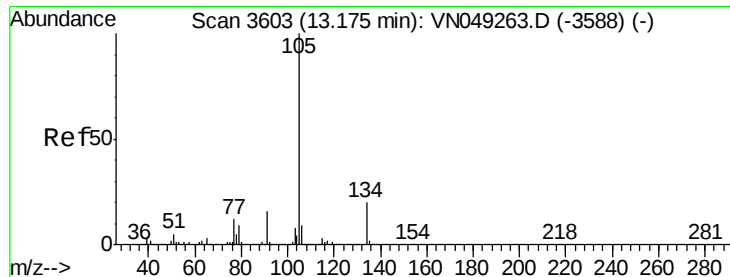
120 45.0 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.18 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN049412.D

Acq: 20 Jun 2018 3:38

Instrument :

MSVOA_N

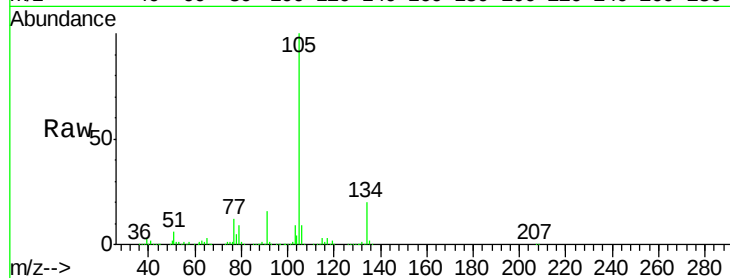
ClientSampleId :

Tot Ion:105 Resp: 1438319

Ion Ratio Lower Upper

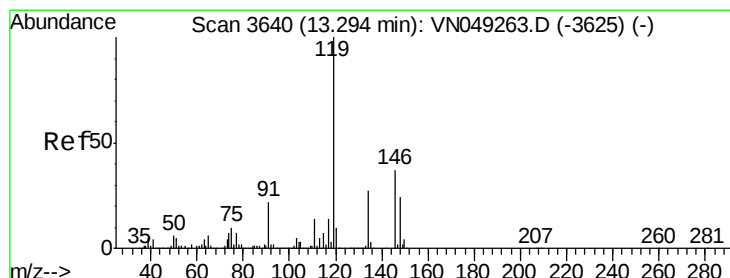
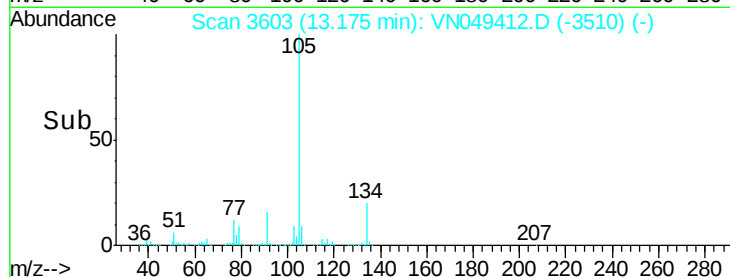
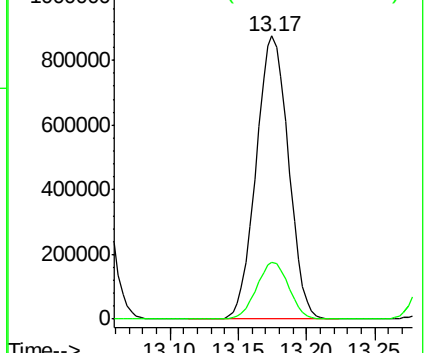
105 100

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: 19.14 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN049412.D

Acq: 20 Jun 2018 3:38

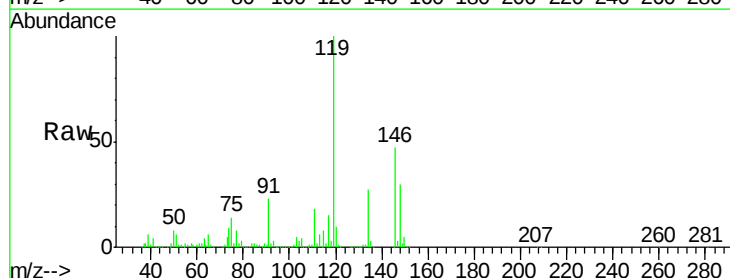
Tgt Ion:119 Resp: 1198998

Ion Ratio Lower Upper

119 100

134 26.5 12.9 38.6

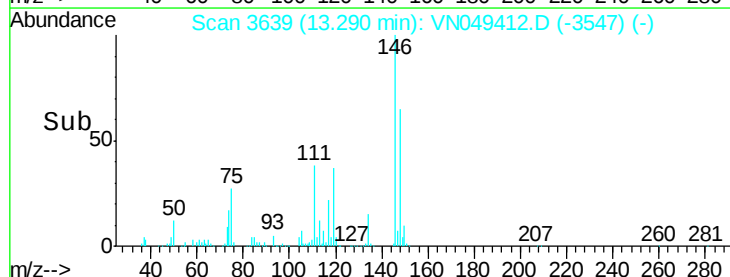
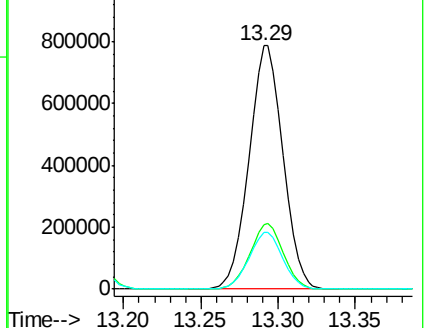
91 23.3 12.1 36.3



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

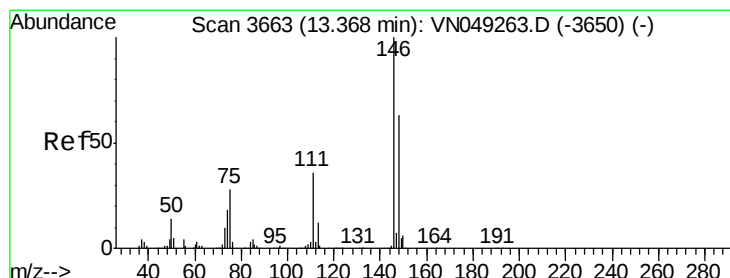
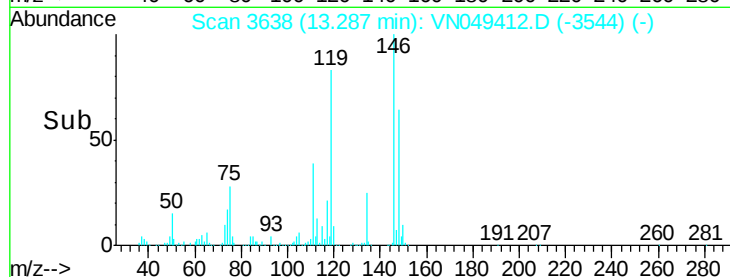
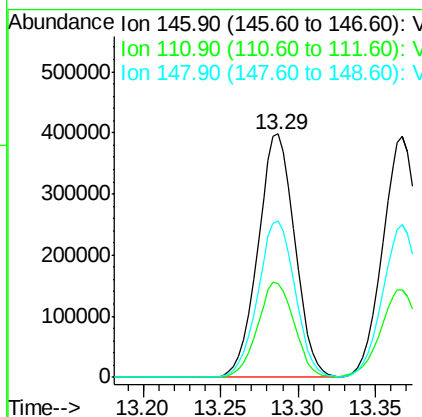
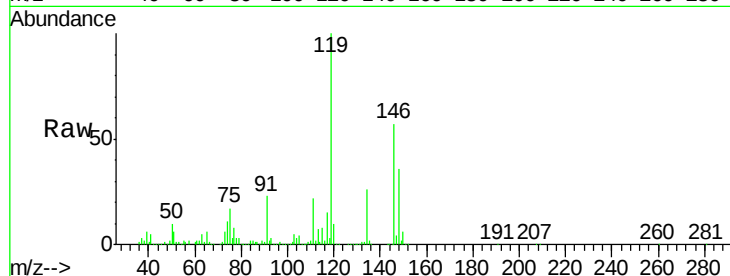




#87
 1,3-Dichlorobenzene
 Concen: 18.80 ug/l
 RT: 13.29 min Scan# 3638
 Delta R.T. 0.00 min
 Lab File: VN049412.D
 Acq: 20 Jun 2018 3:38

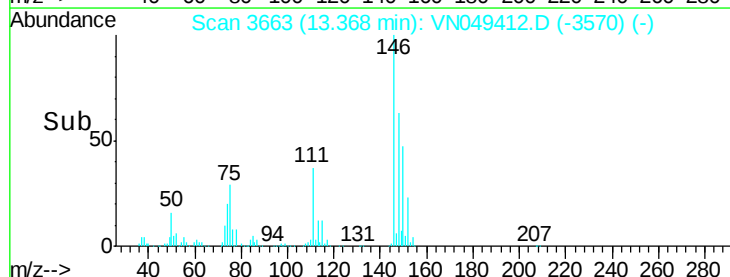
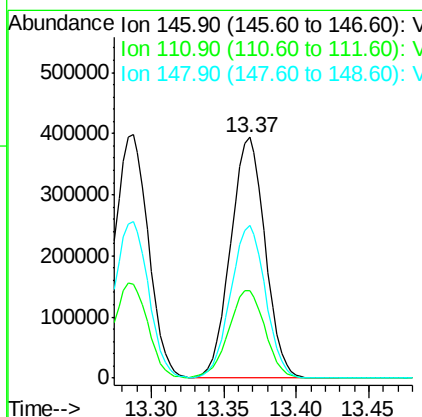
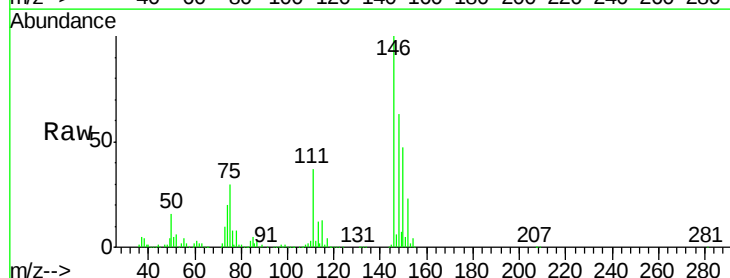
Instrument :
 MSVOA_N
 ClientSampled :

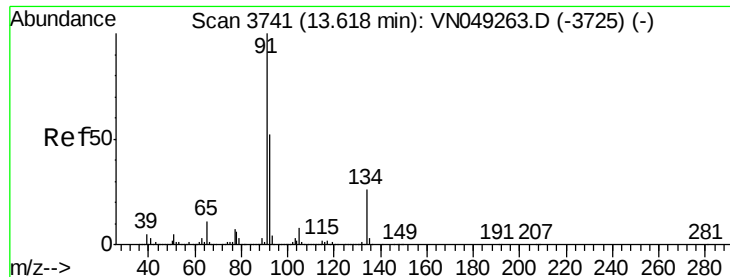
Tot Ion:146 Resp: 660788
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.9 59.6
 148 64.7 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 18.69 ug/l
 RT: 13.37 min Scan# 3663
 Delta R.T. -0.00 min
 Lab File: VN049412.D
 Acq: 20 Jun 2018 3:38

Tgt Ion:146 Resp: 651247
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.1 57.1
 148 64.1 32.0 96.2

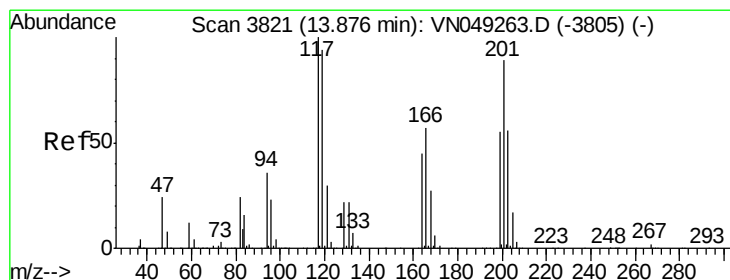
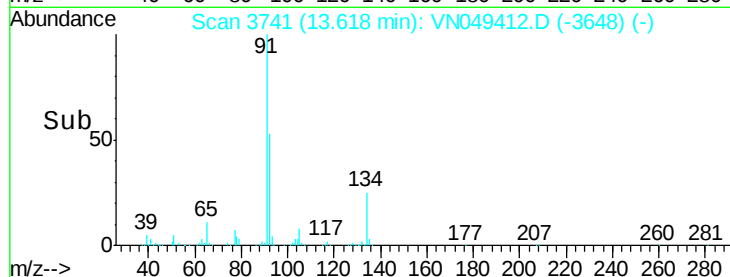
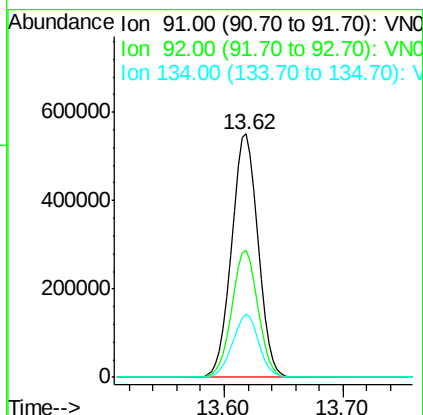
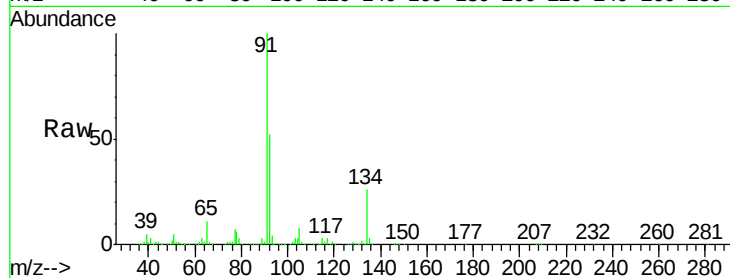




#89
n-Butylbenzene
Concen: 17.31 ug/l
RT: 13.62 min Scan# 3741
Delta R.T. -0.00 min
Lab File: VN049412.D
Acq: 20 Jun 2018 3:38

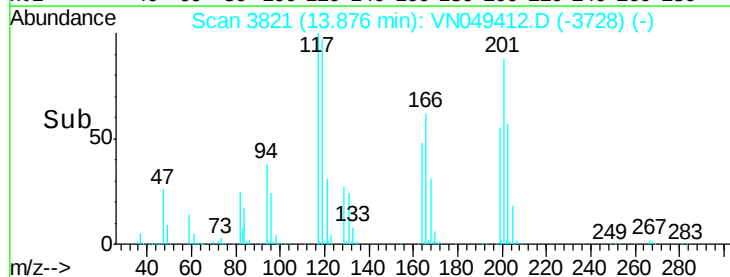
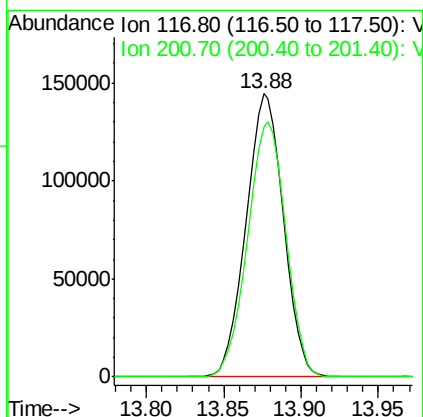
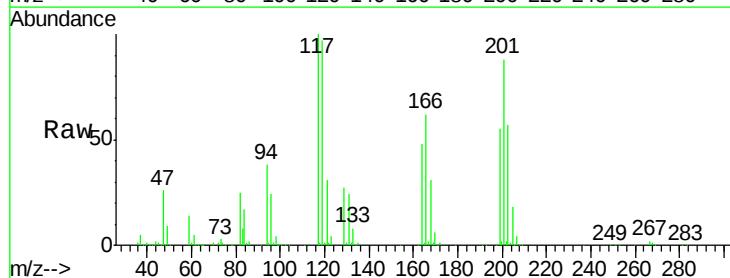
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 91 Resp: 847063
Ion Ratio Lower Upper
91 100
92 51.6 25.1 75.4
134 25.7 12.0 36.0



#90
Hexachloroethane
Concen: 19.50 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049412.D
Acq: 20 Jun 2018 3:38

Tgt Ion: 117 Resp: 243409
Ion Ratio Lower Upper
117 100
201 92.2 40.1 120.2

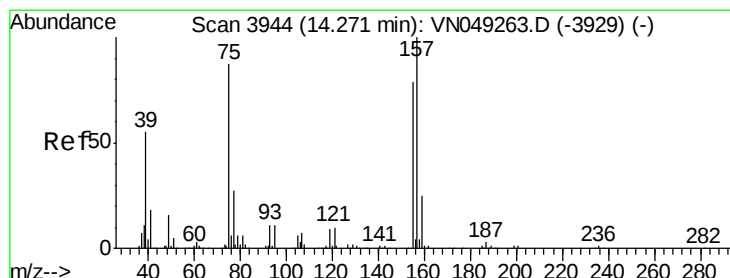
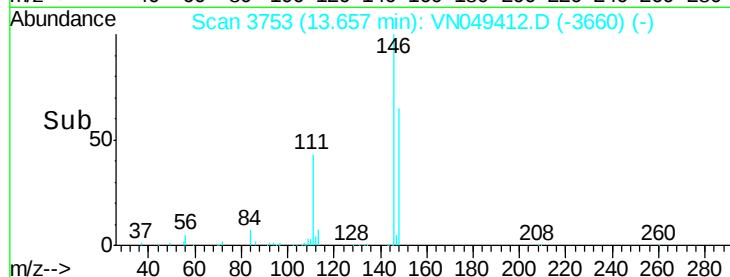
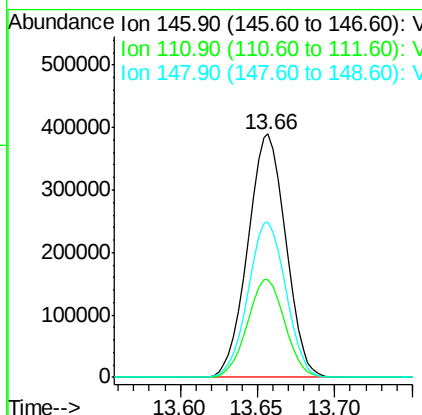
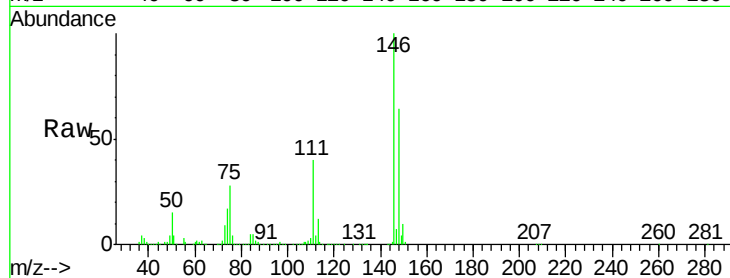




#91
 1,2-Dichlorobenzene
 Concen: 19.36 ug/l
 RT: 13.66 min Scan# 3753
 Delta R.T. -0.00 min
 Lab File: VN049412.D
 Acq: 20 Jun 2018 3:38

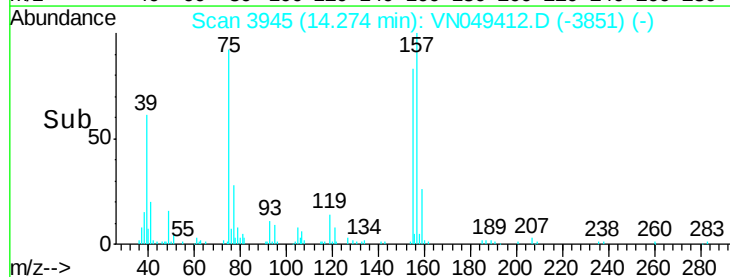
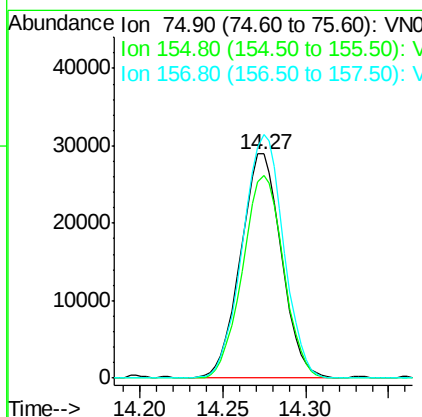
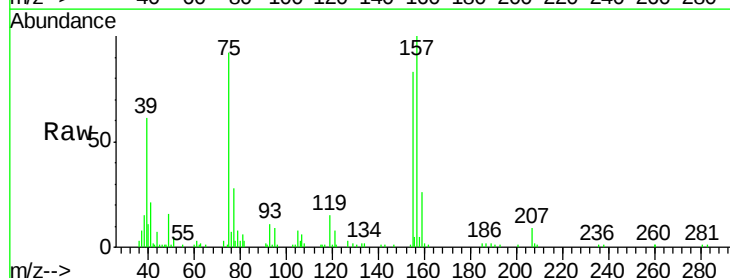
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.8	62.2
148	63.5	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.64 ug/l
 RT: 14.27 min Scan# 3945
 Delta R.T. 0.00 min
 Lab File: VN049412.D
 Acq: 20 Jun 2018 3:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.0	38.8	116.3
157	108.9	51.0	153.1

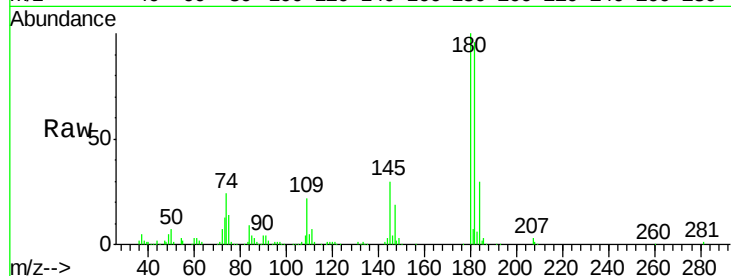




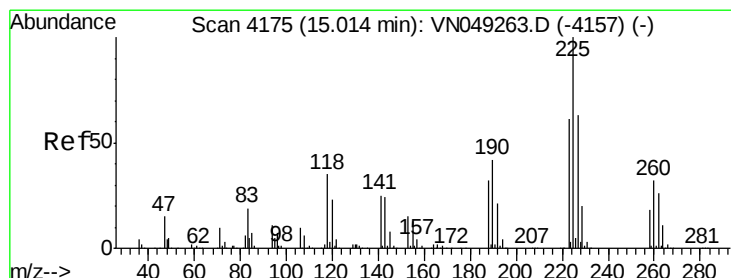
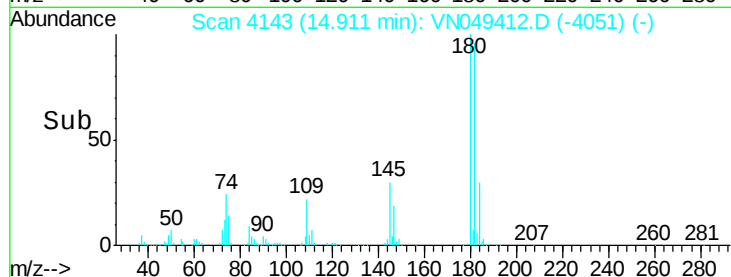
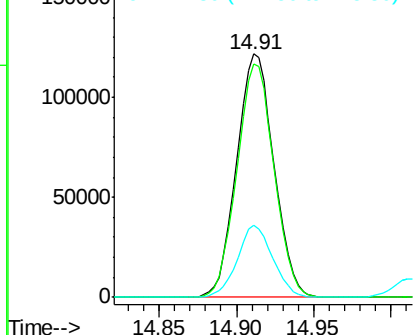
#93
1,2,4-Trichlorobenzene
Concen: 16.40 ug/l
RT: 14.91 min Scan# 4143
Delta R.T. -0.00 min
Lab File: VN049412.D
Acq: 20 Jun 2018 3:38

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:180 Resp: 203462
Ion Ratio Lower Upper
180 100
182 95.3 46.9 140.8
145 28.3 14.7 44.1

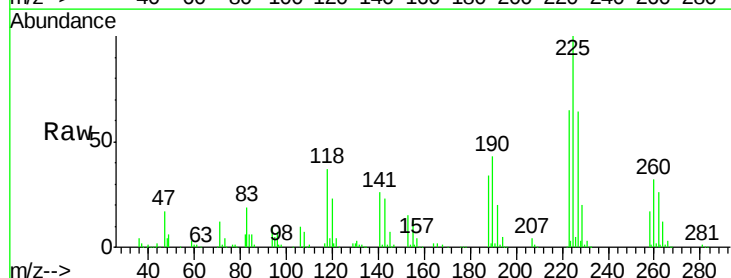


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

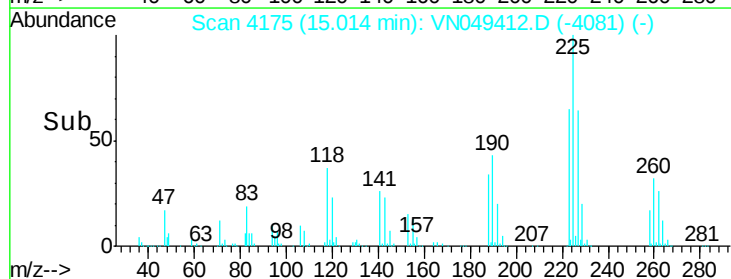
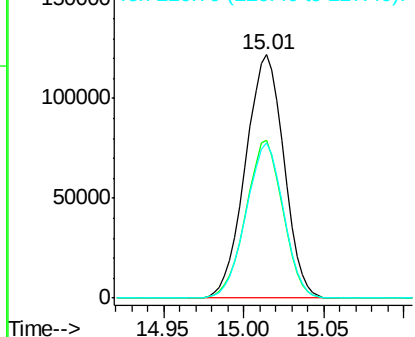


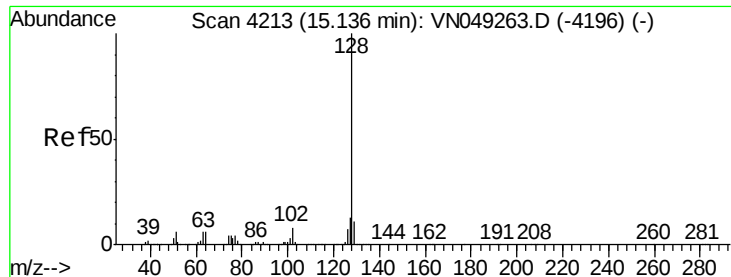
#94
Hexachlorobutadiene
Concen: 18.16 ug/l
RT: 15.01 min Scan# 4175
Delta R.T. 0.00 min
Lab File: VN049412.D
Acq: 20 Jun 2018 3:38

Tgt Ion:225 Resp: 200542
Ion Ratio Lower Upper
225 100
223 62.1 32.1 96.3
227 61.9 31.8 95.3



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 16.98 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049412.D

Acq: 20 Jun 2018 3:38

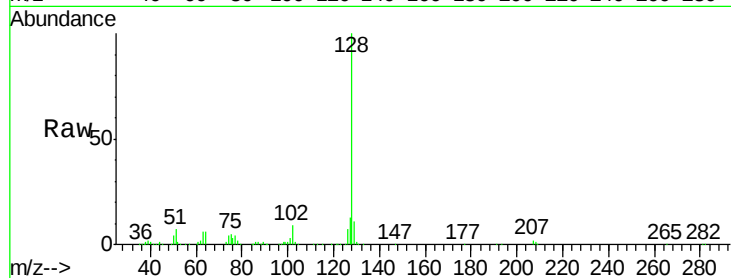
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:128 Resp: 397409

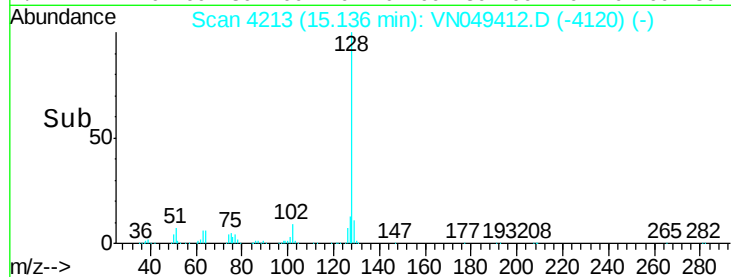
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	16.0
129	10.4	8.5	12.7



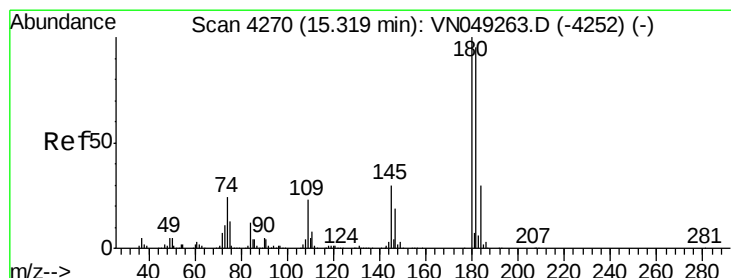
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 17.32 ug/l

RT: 15.32 min Scan# 4269

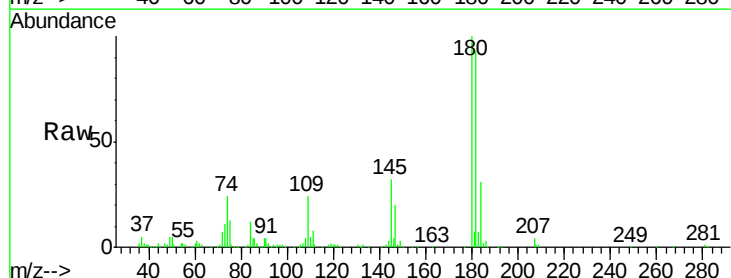
Delta R.T. -0.00 min

Lab File: VN049412.D

Acq: 20 Jun 2018 3:38

Tgt Ion:180 Resp: 230096

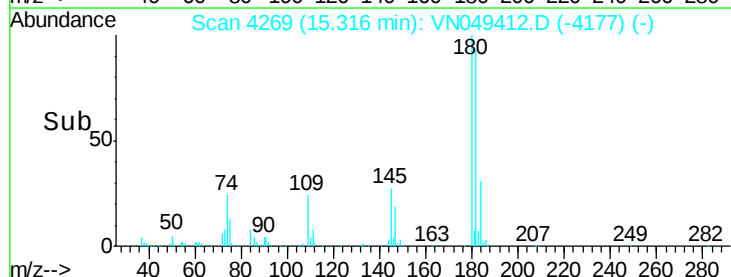
Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.3	141.8
145	31.2	15.6	46.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time-->