

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
 Data File : VN049409.D
 Acq On : 20 Jun 2018 1:56
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 20 06:03:40 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	1468643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2207358	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2003130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1013406	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	902624	46.34	ug/l	0.00
Spiked Amount			Recovery	=	92.68%	
35) Dibromofluoromethane	7.59	113	816186	45.70	ug/l	0.00
Spiked Amount			Recovery	=	91.40%	
50) Toluene-d8	10.09	98	3056510	44.95	ug/l	0.00
Spiked Amount			Recovery	=	89.90%	
62) 4-Bromofluorobenzene	12.40	95	1026846	45.67	ug/l	0.00
Spiked Amount			Recovery	=	91.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	788727	46.66	ug/l	98
3) Chloromethane	2.06	50	964334	44.18	ug/l	99
4) Vinyl Chloride	2.18	62	1072792	46.24	ug/l	99
5) Bromomethane	2.56	94	512101	41.99	ug/l	97
6) Chloroethane	2.70	64	661236	47.80	ug/l	98
7) Trichlorofluoromethane	3.01	101	1383940	47.82	ug/l	99
8) Diethyl Ether	3.41	74	483612	47.86	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.75	101	834567	45.47	ug/l	93
10) Methyl Iodide	3.95	142	1033132	54.07	ug/l	93
11) Tert butyl alcohol	4.80	59	259885	227.32	ug/l	97
12) 1,1-Dichloroethene	3.73	96	784071	46.56	ug/l	91
13) Acrolein	3.61	56	392133	327.07	ug/l	99
14) Allyl chloride	4.32	41	1227166	46.15	ug/l	89
15) Acrylonitrile	4.99	53	1408140	246.32	ug/l	98
16) Acetone	3.82	43	961242	203.24	ug/l	94
17) Carbon Disulfide	4.05	76	2362197	44.76	ug/l	100
18) Methyl Acetate	4.33	43	704344	48.84	ug/l	94
19) Methyl tert-butyl Ether	5.05	73	2135706	49.74	ug/l	99
20) Methylene Chloride	4.55	84	912950	46.22	ug/l	91
21) trans-1,2-Dichloroethene	5.04	96	838398	47.03	ug/l	92
22) Diisopropyl ether	5.96	45	2637830	49.68	ug/l	96
23) Vinyl Acetate	5.90	43	8789402	253.93	ug/l	96
24) 1,1-Dichloroethane	5.85	63	1596521	46.98	ug/l	98
25) 2-Butanone	6.84	43	1489983	234.62	ug/l	97
26) 2,2-Dichloropropane	6.83	77	966856	35.23	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	948354	47.85	ug/l	89
28) Bromochloromethane	7.20	49	707616	46.97	ug/l	84
29) Tetrahydrofuran	7.21	42	1020995	249.75	ug/l	94
30) Chloroform	7.37	83	1612968	47.69	ug/l	100
31) Cyclohexane	7.65	56	1388176	48.18	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	1384671	47.98	ug/l	97
36) 1,1-Dichloropropene	7.79	75	1216424	48.08	ug/l	97
37) Ethyl Acetate	6.93	43	717171	52.15	ug/l	97
38) Carbon Tetrachloride	7.77	117	1246920	47.61	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1243837	45.80	ug/l	96
40) Benzene	8.04	78	3706353	47.79	ug/l	99
41) Methacrylonitrile	7.17	41	298085	40.09	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	1147635	47.89	ug/l	96
43) Isopropyl Acetate	8.17	43	1334161	50.77	ug/l #	84
44) Trichloroethene	8.84	130	983919	48.04	ug/l	93
45) 1,2-Dichloropropane	9.12	63	967321	47.63	ug/l	100
46) Dibromomethane	9.21	93	574127	48.76	ug/l	92
47) Bromodichloromethane	9.40	83	1245143	48.12	ug/l	96
48) Methyl methacrylate	9.20	41	644354	52.07	ug/l	88
49) 1,4-Dioxane	9.20	88	164725	964.49	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	3516135	255.30	ug/l	94
52) Toluene	10.16	92	2271547	49.90	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	1169546	47.25	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1369179	46.84	ug/l #	89
55) 1,1,2-Trichloroethane	10.56	97	815464	48.05	ug/l	97
56) Ethyl methacrylate	10.43	69	1010199	51.60	ug/l #	86
57) 1,3-Dichloropropane	10.71	76	1368921	48.69	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1434137	207.49	ug/l	94
59) 2-Hexanone	10.75	43	2240982	252.39	ug/l	92
60) Dibromochloromethane	10.90	129	926219	48.90	ug/l	99
61) 1,2-Dibromoethane	11.01	107	785419	49.79	ug/l	100
64) Tetrachloroethene	10.63	164	1054368	51.37	ug/l	98
65) Chlorobenzene	11.44	112	2456355	47.60	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	915898	47.17	ug/l	99
67) Ethyl Benzene	11.51	91	4264734	49.83	ug/l	97
68) m/p-Xylenes	11.62	106	3279176	102.09	ug/l	97
69) o-Xylene	11.95	106	1573990	50.87	ug/l	96
70) Styrene	11.97	104	2584701	52.95	ug/l	97
71) Bromoform	12.13	173	622769	49.54	ug/l #	99
73) Isopropylbenzene	12.25	105	4200239	47.20	ug/l	99
74) N-amyl acetate	12.07	43	1066755	48.95	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.51	83	917815	50.15	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	1156497	66.88	ug/l #	100
77) Bromobenzene	12.53	156	1052695	44.79	ug/l	89
78) n-propylbenzene	12.59	91	4718516	48.30	ug/l	99
79) 2-Chlorotoluene	12.68	91	2854379	46.11	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	3426238	48.99	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	234897	42.94	ug/l	92
82) 4-Chlorotoluene	12.78	91	2854046	47.79	ug/l	97
83) tert-Butylbenzene	12.99	119	2861334	46.18	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	3461195	49.82	ug/l	99
85) sec-Butylbenzene	13.17	105	3838798	46.55	ug/l	99
86) p-Isopropyltoluene	13.29	119	3313052	48.08	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	1803074	46.63	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1747712	45.61	ug/l	99
89) n-Butylbenzene	13.62	91	2526206	46.94	ug/l	98
90) Hexachloroethane	13.88	117	634390	48.60	ug/l	88
91) 1,2-Dichlorobenzene	13.66	146	1756621	46.32	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	139282	44.96	ug/l	88

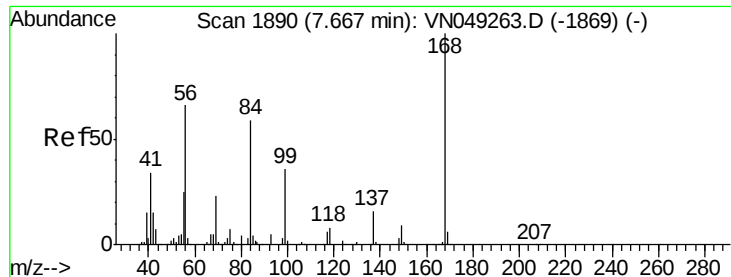
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	690524	40.70	ug/l	99
94) Hexachlorobutadiene	15.01	225	523409	47.03	ug/l	99
95) Naphthalene	15.14	128	1335242	44.24	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	703993	42.03	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049409.D

Acq: 20 Jun 2018 1:56

Instrument :

MSVOA_N

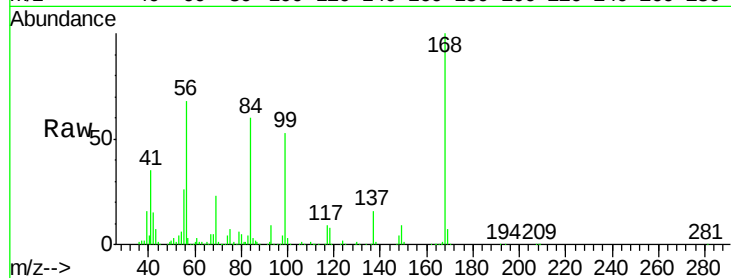
ClientSampleId :

Tot Ion:168 Resp: 1468643

Ion Ratio Lower Upper

168 100

99 52.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

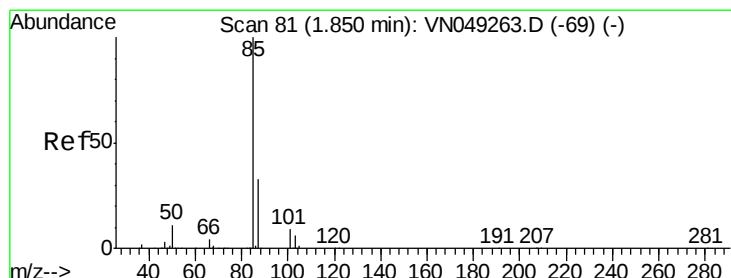
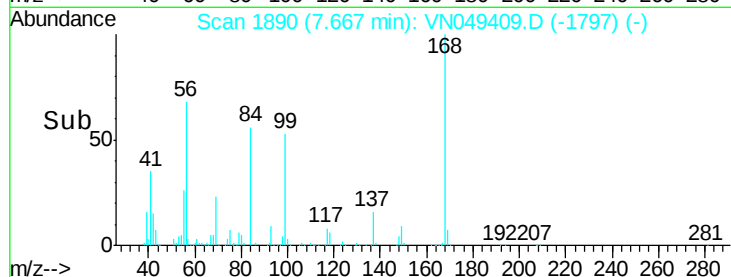
600000

400000

200000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.66 ug/l

RT: 1.85 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN049409.D

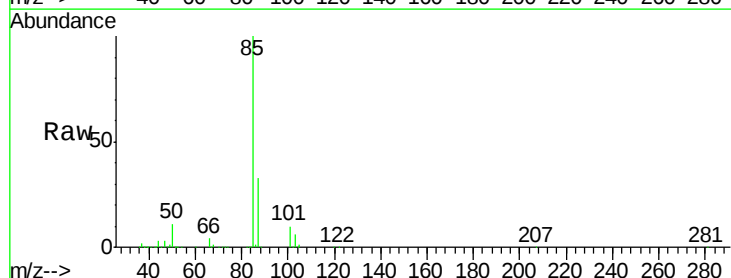
Acq: 20 Jun 2018 1:56

Tgt Ion: 85 Resp: 788727

Ion Ratio Lower Upper

85 100

87 33.5 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

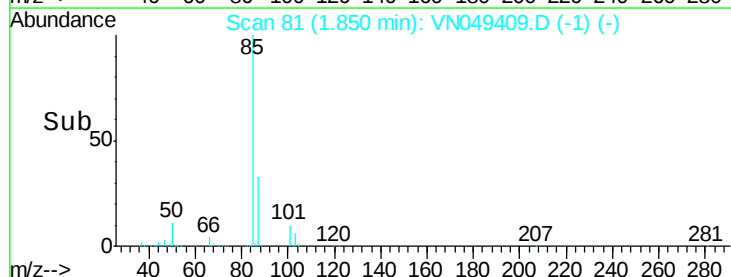
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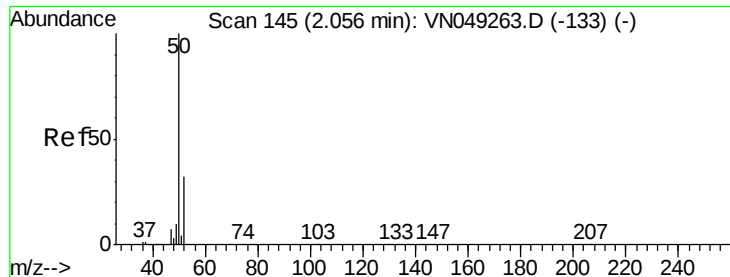
400000

200000

0

Time-->





#3

Chloromethane

Concen: 44.18 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049409.D

Acq: 20 Jun 2018 1:56

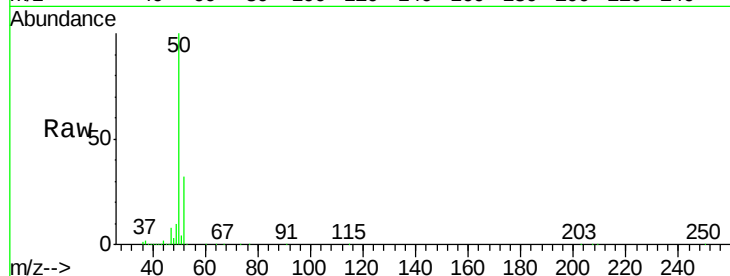
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 50 Resp: 964334

Ion Ratio Lower Upper

50 100

52 32.2 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VN049409.D (-52) (-)

Ion 51.90 (51.60 to 52.60): VN049409.D (-52) (-)

2.06

800000

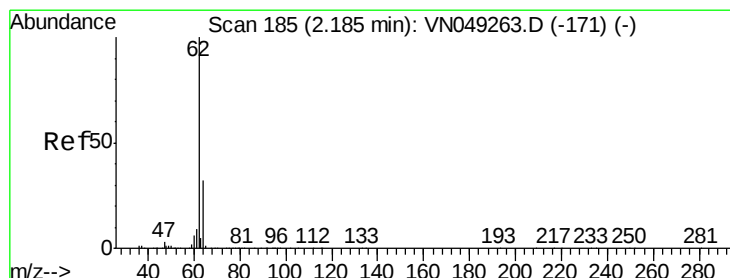
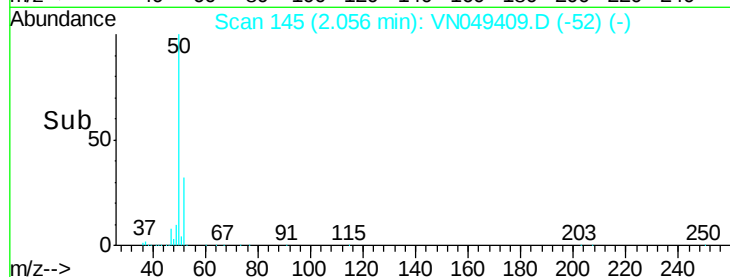
600000

400000

200000

0

Time-->



#4

Vinyl Chloride

Concen: 46.24 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049409.D

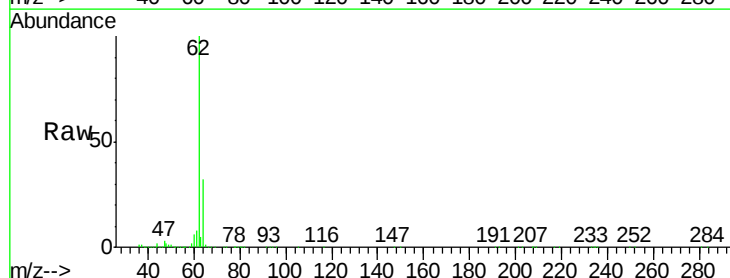
Acq: 20 Jun 2018 1:56

Tgt Ion: 62 Resp: 1072792

Ion Ratio Lower Upper

62 100

64 31.8 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN049409.D (-92) (-)

Ion 63.90 (63.60 to 64.60): VN049409.D (-92) (-)

2.18

800000

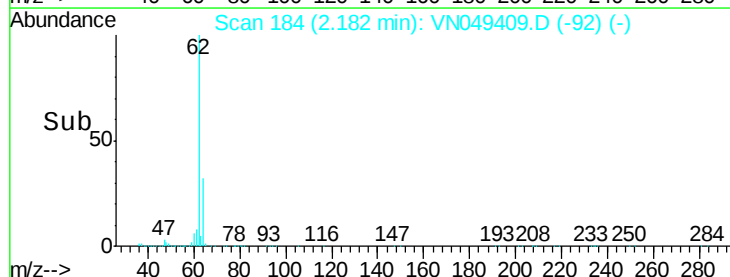
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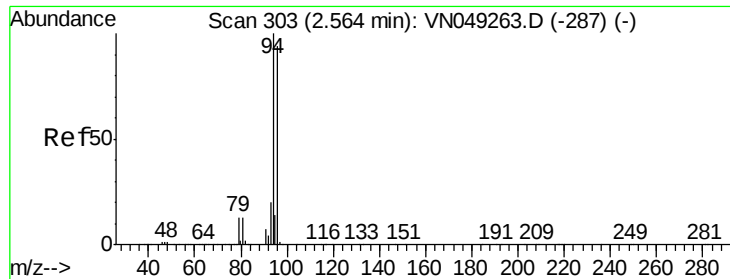
400000

200000

0

Time-->





#5

Bromomethane

Concen: 41.99 ug/l

RT: 2.56 min Scan# 302

Delta R.T. -0.00 min

Lab File: VN049409.D

Acq: 20 Jun 2018 1:56

Instrument :

MSVOA_N

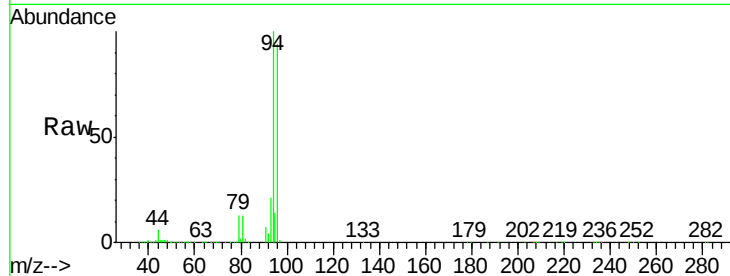
ClientSampleId :

Tot Ion: 94 Resp: 512101

Ion Ratio Lower Upper

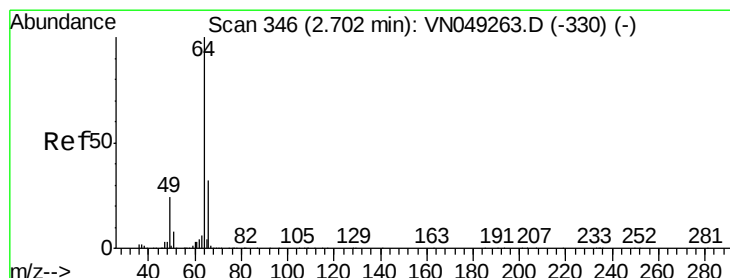
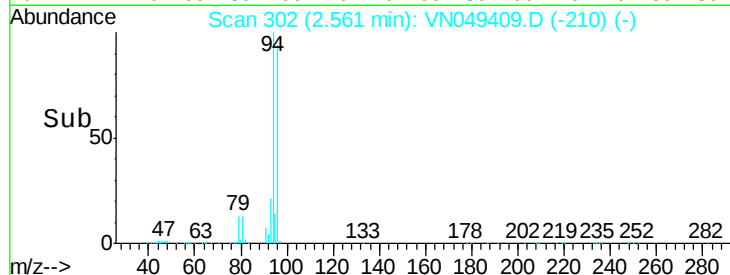
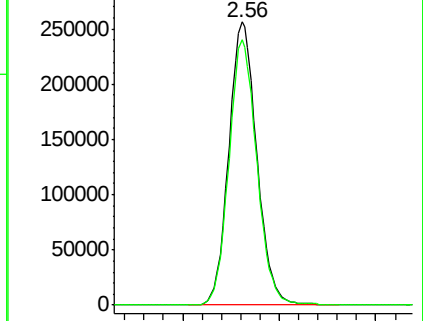
94 100

96 93.8 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 47.80 ug/l

RT: 2.70 min Scan# 346

Delta R.T. -0.00 min

Lab File: VN049409.D

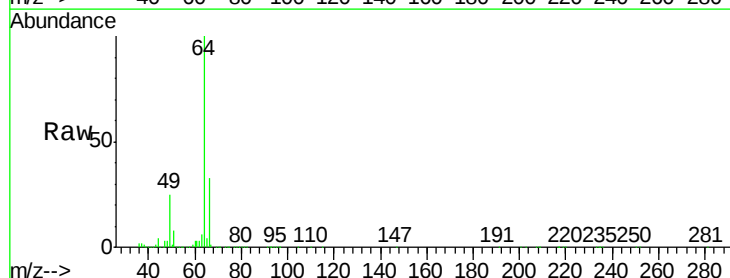
Acq: 20 Jun 2018 1:56

Tgt Ion: 64 Resp: 661236

Ion Ratio Lower Upper

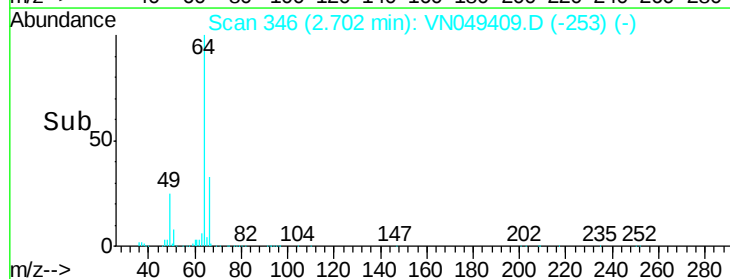
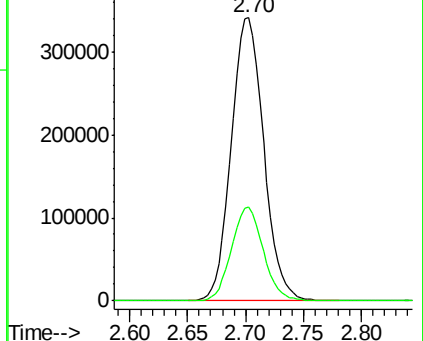
64 100

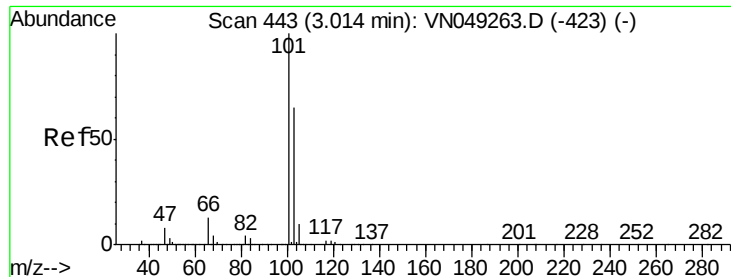
66 33.1 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



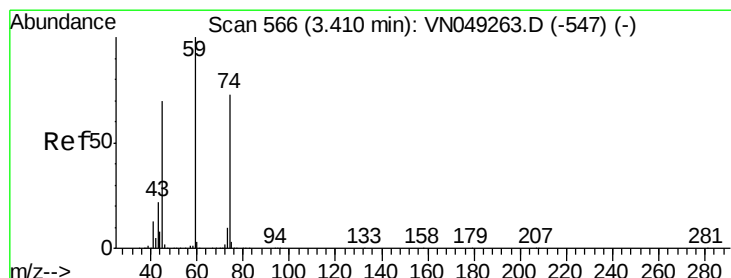
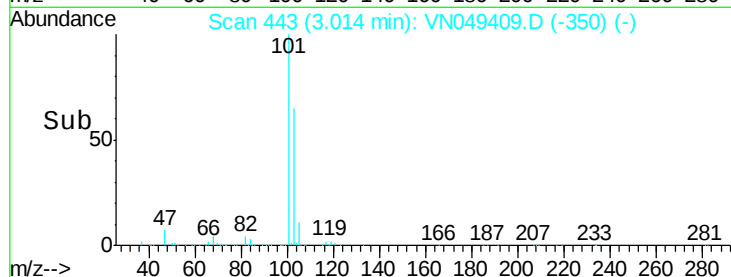
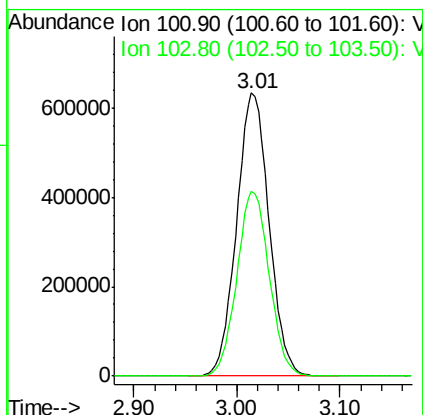
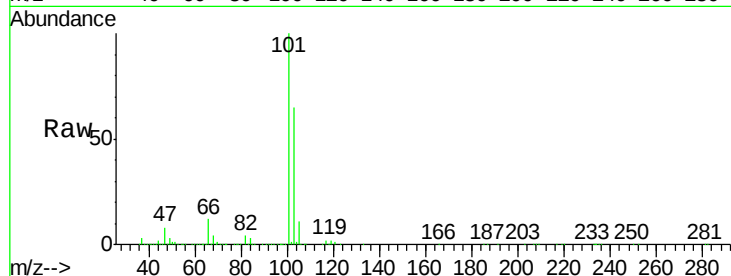


#7

Trichlorofluoromethane
Concen: 47.82 ug/l
RT: 3.01 min Scan# 443
Delta R.T. 0.00 min
Lab File: VN049409.D
Acq: 20 Jun 2018 1:56

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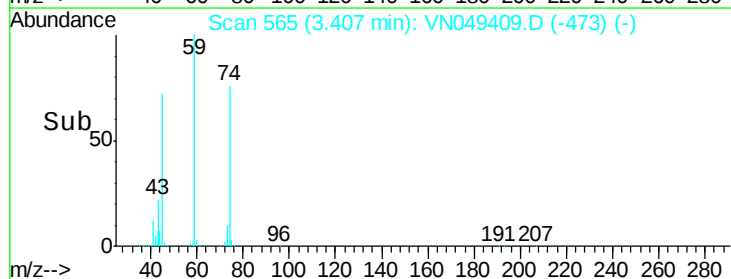
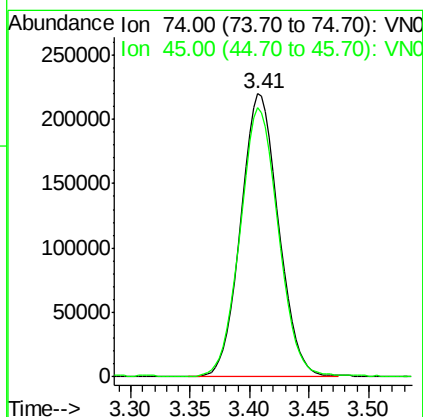
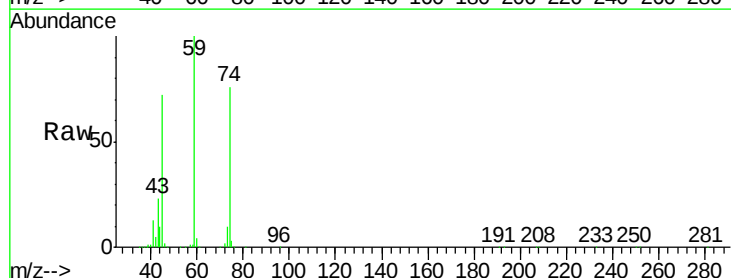
Tot Ion:101 Resp: 1383940
Ion Ratio Lower Upper
101 100
103 65.4 51.7 77.5



#8

Diethyl Ether
Concen: 47.86 ug/l
RT: 3.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: VN049409.D
Acq: 20 Jun 2018 1:56

Tgt Ion: 74 Resp: 483612
Ion Ratio Lower Upper
74 100
45 95.9 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.47 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN049409.D

Acq: 20 Jun 2018 1:56

Instrument :

MSVOA_N

ClientSampleId :

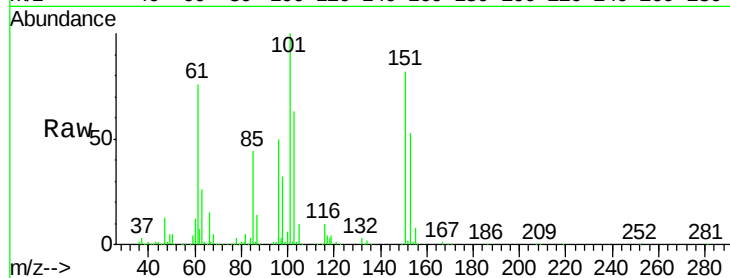
Tot Ion:101 Resp: 834567

Ion Ratio Lower Upper

101 100

85 43.2 37.6 56.4

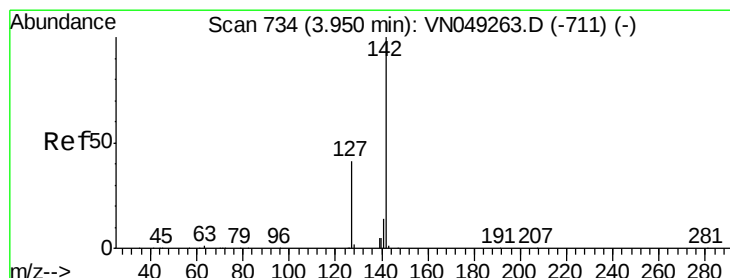
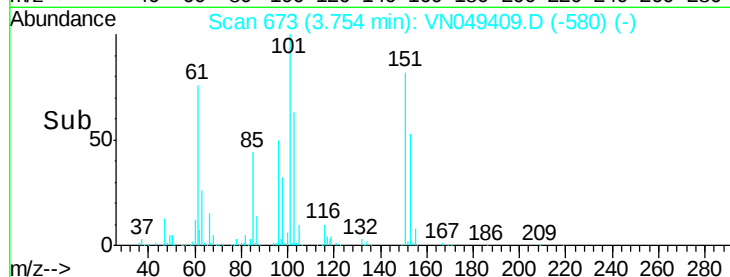
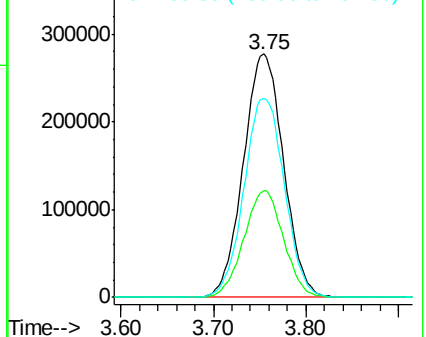
151 82.5 61.1 91.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 54.07 ug/l

RT: 3.95 min Scan# 734

Delta R.T. 0.00 min

Lab File: VN049409.D

Acq: 20 Jun 2018 1:56

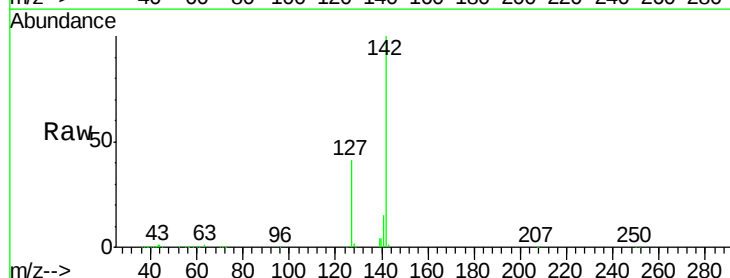
Tgt Ion:142 Resp: 1033132

Ion Ratio Lower Upper

142 100

127 41.7 38.2 57.4

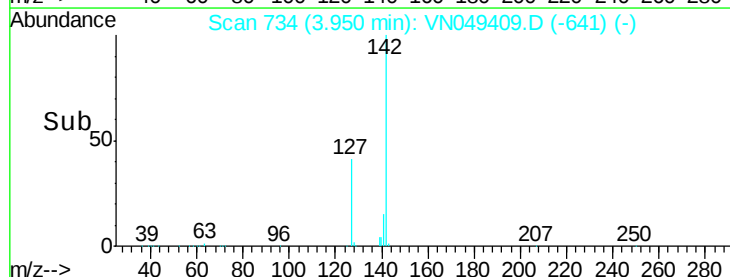
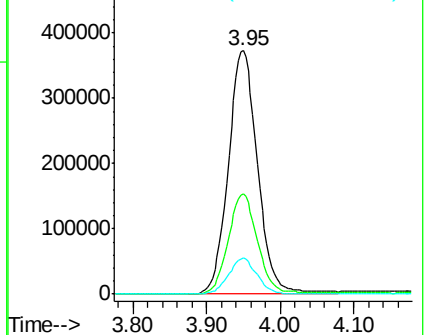
141 14.4 11.9 17.9

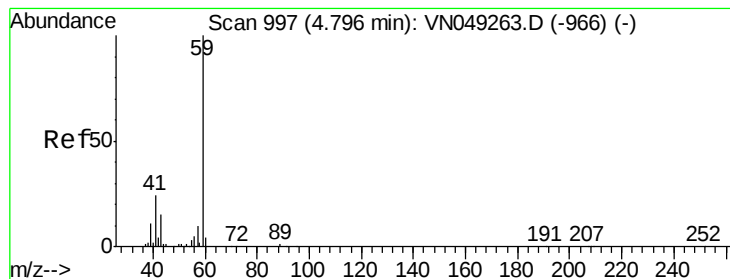


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



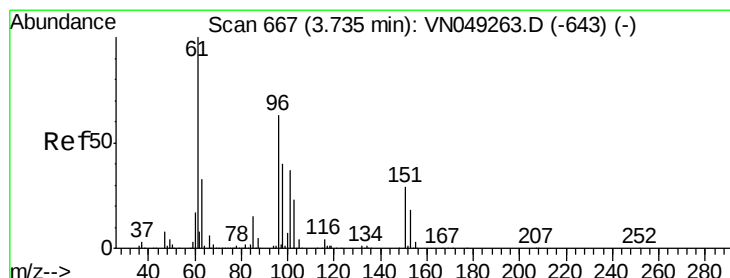
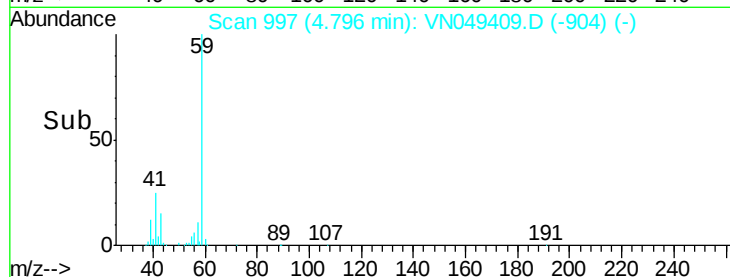
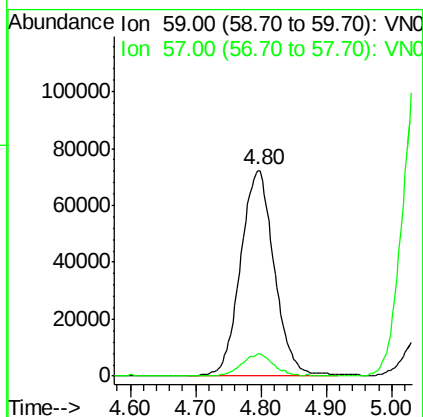
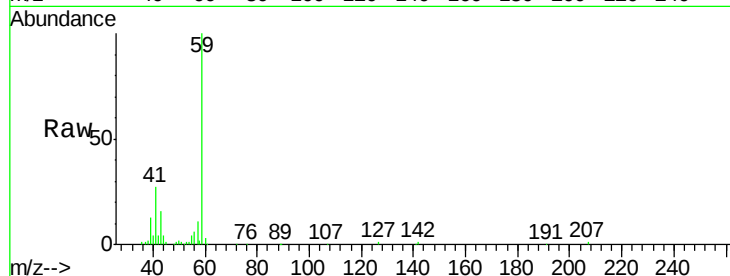


#11

Tert butyl alcohol
 Concen: 227.32 ug/l
 RT: 4.80 min Scan# 997
 Delta R.T. -0.00 min
 Lab File: VN049409.D
 Acq: 20 Jun 2018 1:56

Instrument :
 MSVOA_N
 ClientSampled :

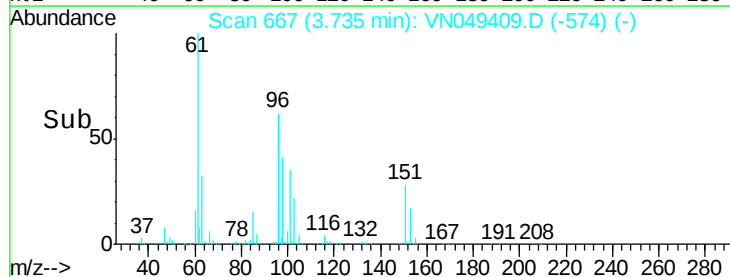
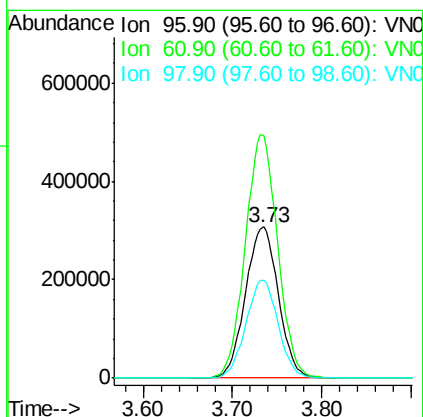
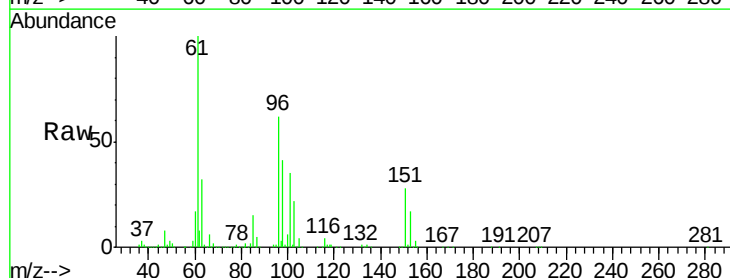
Tot Ion: 59 Resp: 259885
 Ion Ratio Lower Upper
 59 100
 57 10.3 9.0 13.6

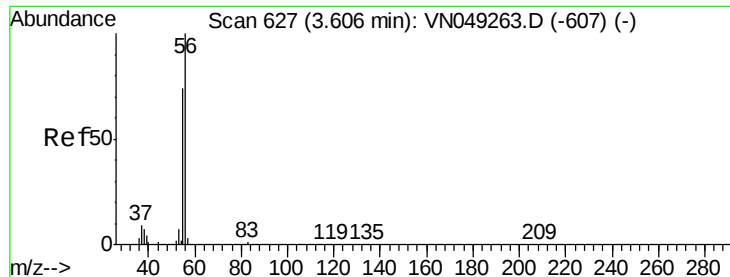


#12

1,1-Dichloroethene
 Concen: 46.56 ug/l
 RT: 3.73 min Scan# 667
 Delta R.T. -0.00 min
 Lab File: VN049409.D
 Acq: 20 Jun 2018 1:56

Tgt Ion: 96 Resp: 784071
 Ion Ratio Lower Upper
 96 100
 61 160.3 141.0 211.4
 98 64.9 50.4 75.6





#13

Acrolein

Concen: 327.07 ug/l

RT: 3.61 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN049409.D

Acq: 20 Jun 2018 1:56

Instrument :

MSVOA_N

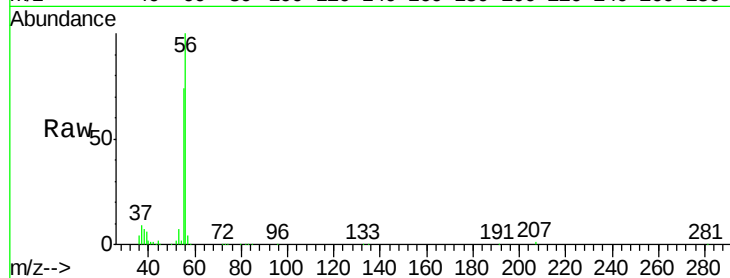
ClientSampleId :

Tot Ion: 56 Resp: 392133

Ion Ratio Lower Upper

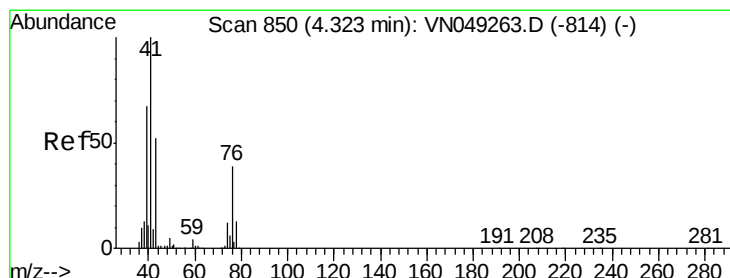
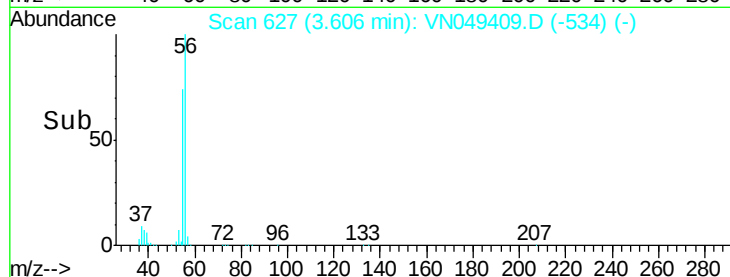
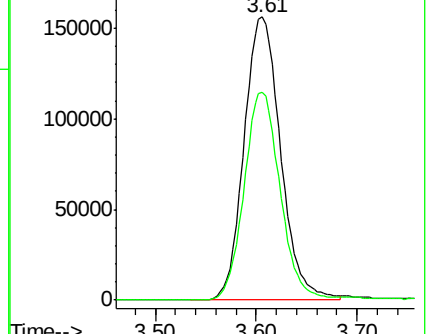
56 100

55 72.6 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 46.15 ug/l

RT: 4.32 min Scan# 850

Delta R.T. -0.00 min

Lab File: VN049409.D

Acq: 20 Jun 2018 1:56

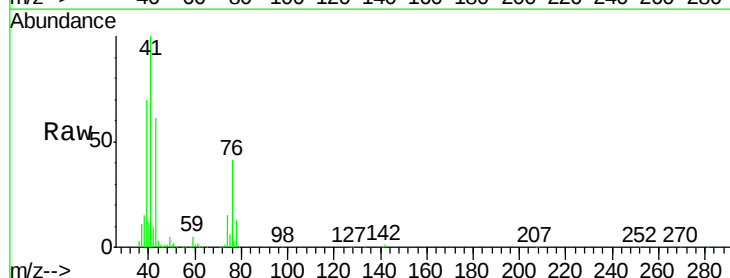
Tgt Ion: 41 Resp: 1227166

Ion Ratio Lower Upper

41 100

39 66.7 62.5 93.7

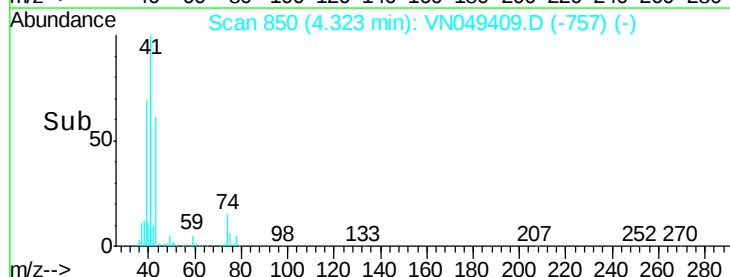
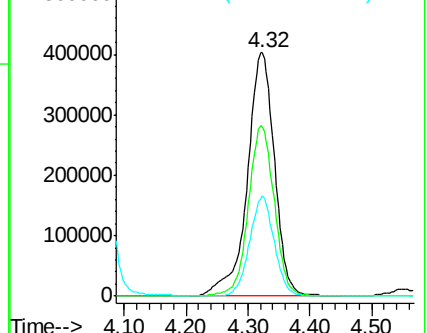
76 36.9 27.1 40.7



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0



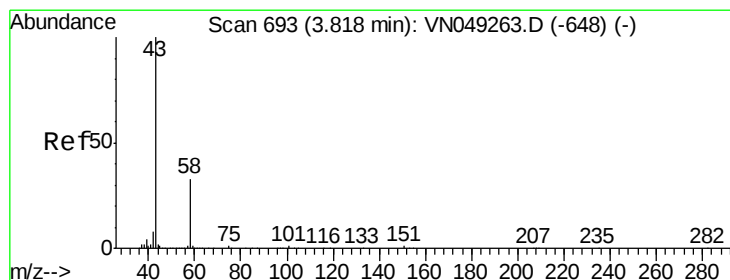
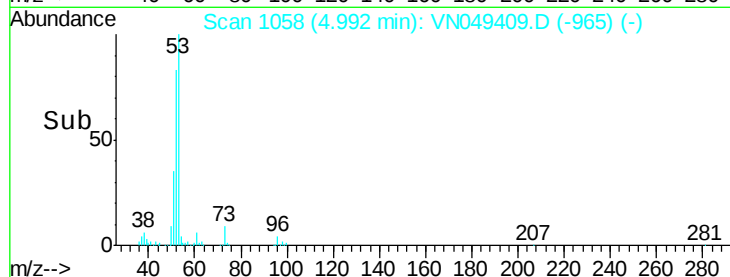
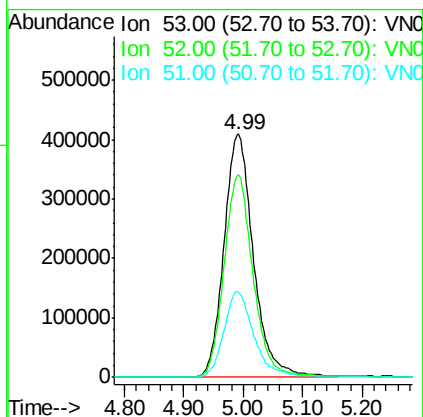
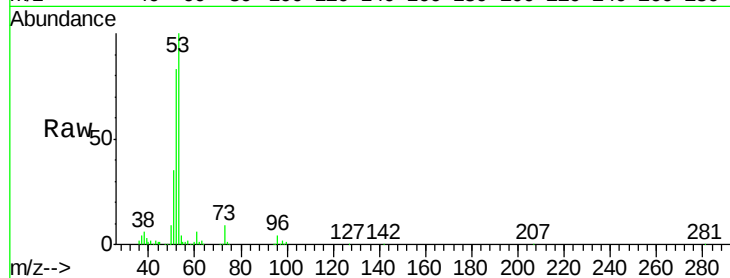


#15
 Acrylonitrile
 Concen: 246.32 ug/l
 RT: 4.99 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: VN049409.D
 Acq: 20 Jun 2018 1:56

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 53 Resp: 1408140

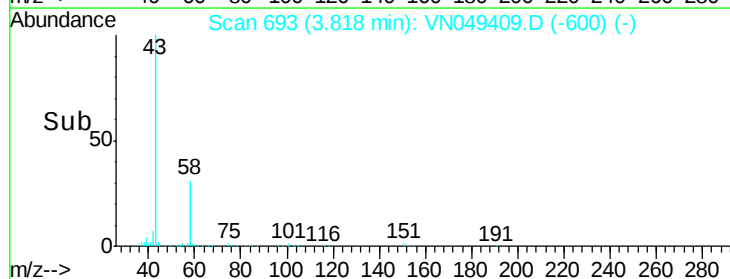
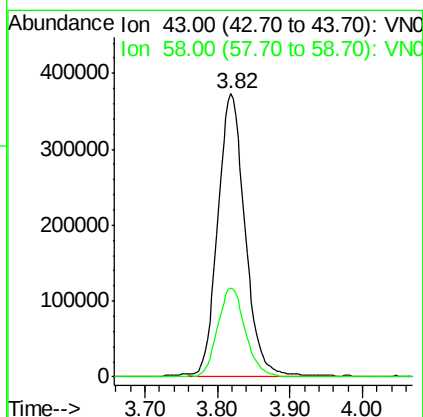
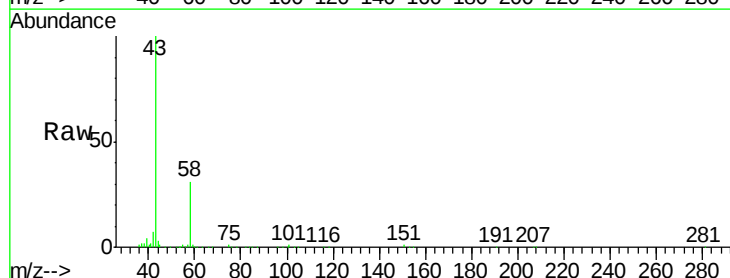
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.6	100.0
51	36.0	29.8	44.8

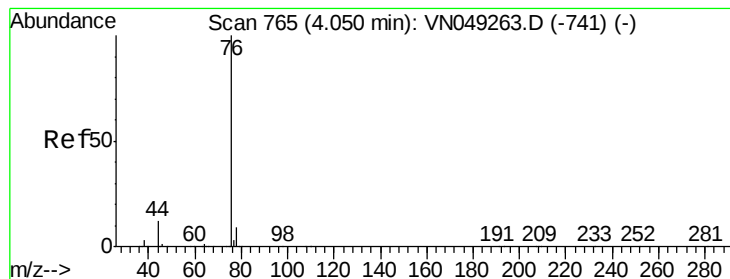


#16
 Acetone
 Concen: 203.24 ug/l
 RT: 3.82 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: VN049409.D
 Acq: 20 Jun 2018 1:56

Tgt Ion: 43 Resp: 961242

Ion	Ratio	Lower	Upper
43	100		
58	31.4	22.4	33.6





#17

Carbon Disulfide

Concen: 44.76 ug/l

RT: 4.05 min Scan# 765

Delta R.T. -0.00 min

Lab File: VN049409.D

Acq: 20 Jun 2018 1:56

Instrument :

MSVOA_N

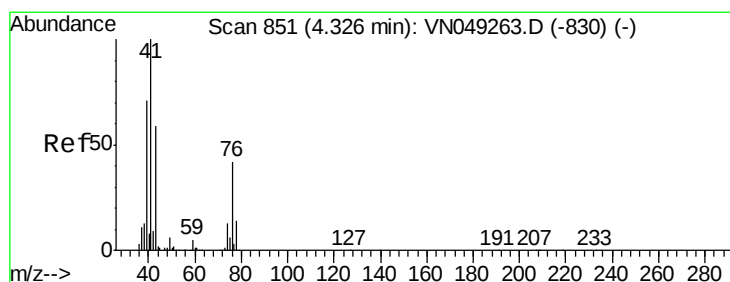
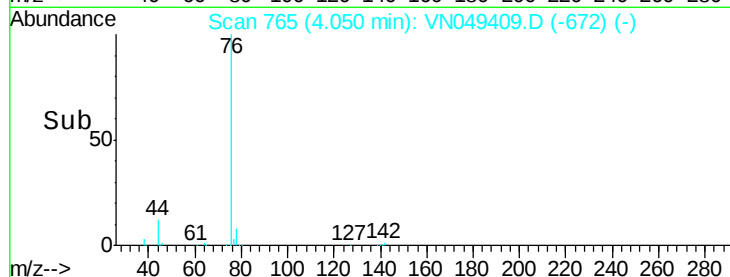
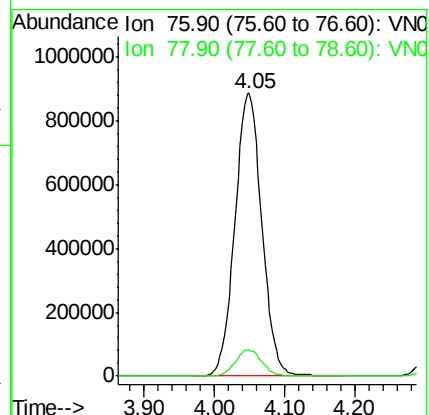
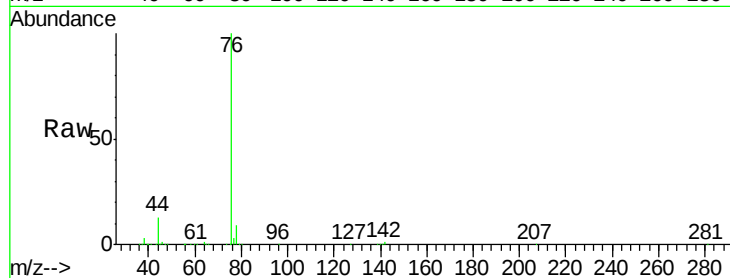
ClientSampleId :

Tot Ion: 76 Resp: 2362197

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0



#18

Methyl Acetate

Concen: 48.84 ug/l

RT: 4.33 min Scan# 851

Delta R.T. -0.00 min

Lab File: VN049409.D

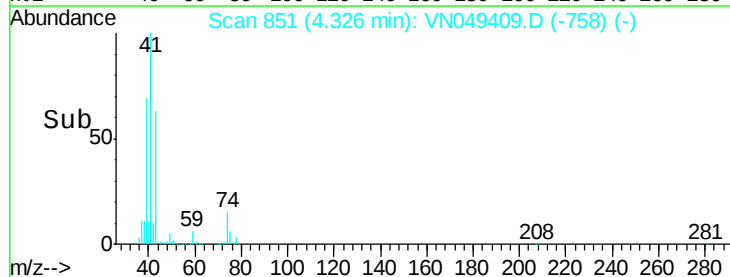
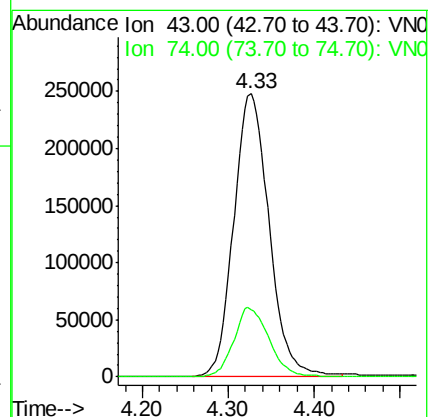
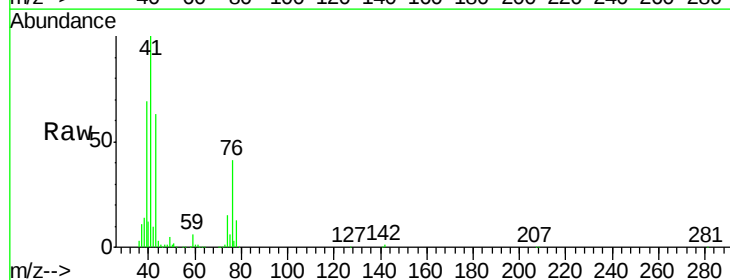
Acq: 20 Jun 2018 1:56

Tgt Ion: 43 Resp: 704344

Ion Ratio Lower Upper

43 100

74 24.6 17.4 26.0

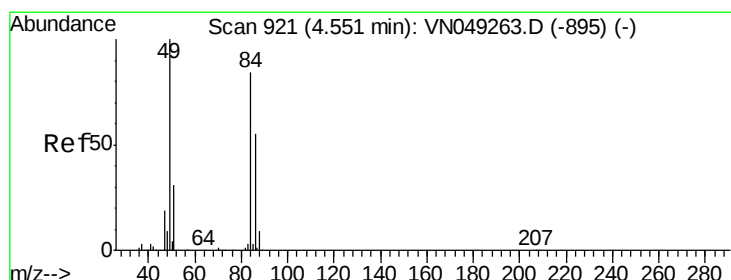
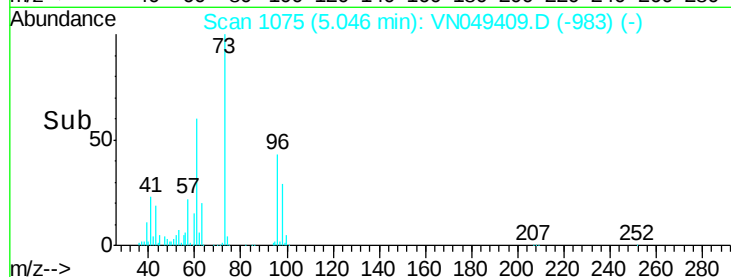
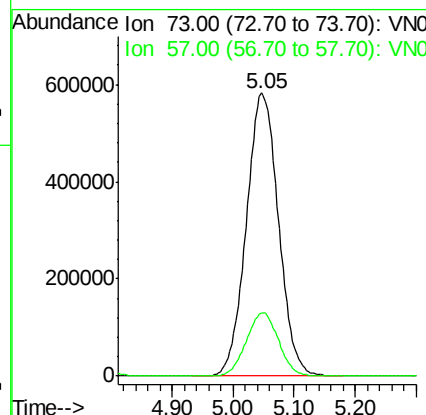
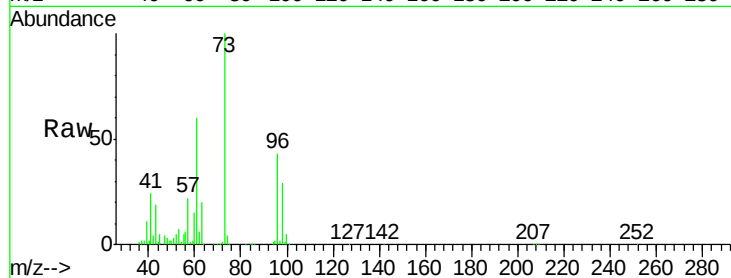




#19
Methyl tert-butyl Ether
Concen: 49.74 ug/l
RT: 5.05 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VN049409.D
Acq: 20 Jun 2018 1:56

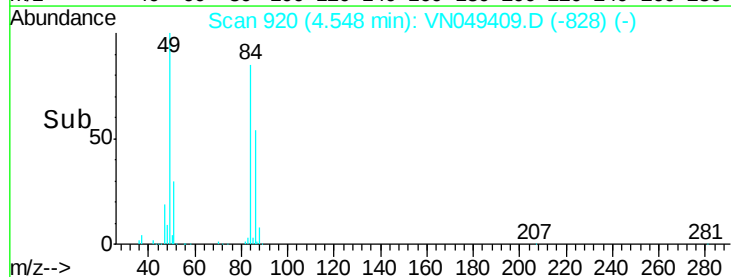
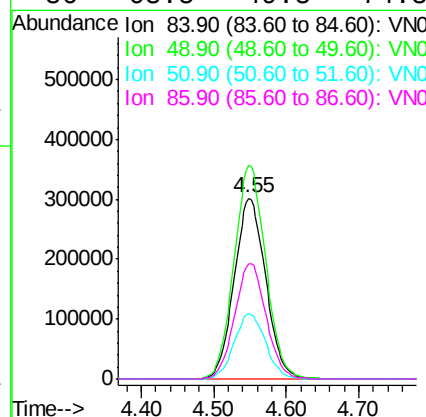
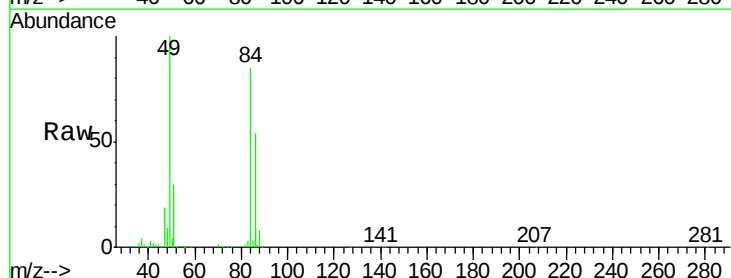
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 73 Resp: 2135706
Ion Ratio Lower Upper
73 100
57 22.3 18.2 27.4



#20
Methylene Chloride
Concen: 46.22 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049409.D
Acq: 20 Jun 2018 1:56

Tgt Ion: 84 Resp: 912950
Ion Ratio Lower Upper
84 100
49 118.1 106.9 160.3
51 35.8 32.7 49.1
86 63.5 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 47.03 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VN049409.D

Acq: 20 Jun 2018 1:56

Instrument :

MSVOA_N

ClientSampled :

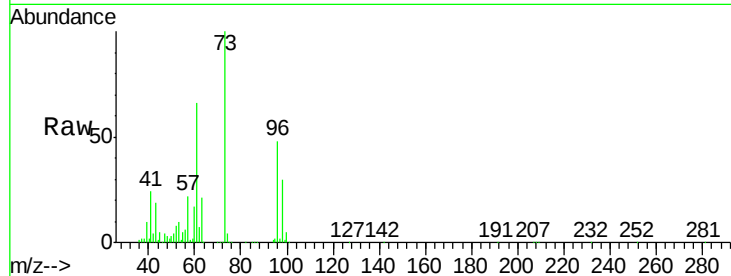
Tot Ion: 96 Resp: 838398

Ion Ratio Lower Upper

96 100

61 138.4 121.3 181.9

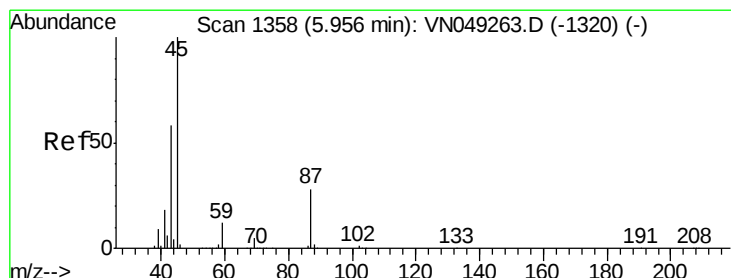
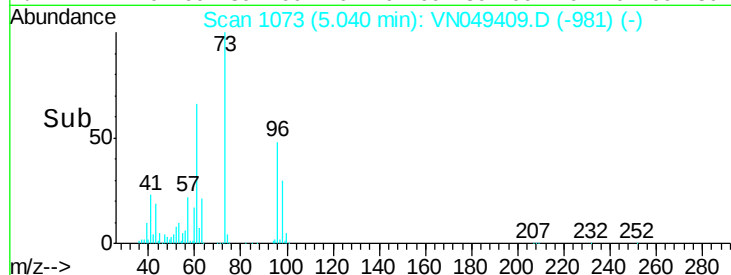
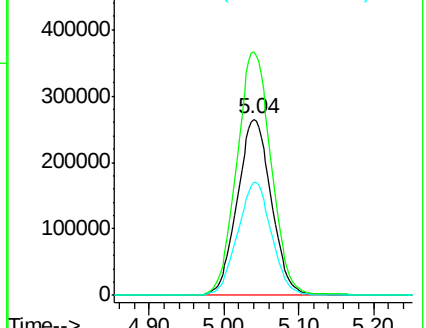
98 63.9 52.0 78.0



Abundance Ion 95.90 (95.60 to 96.60): VN049409.D (-981) (-)

Ion 60.90 (60.60 to 61.60): VN049409.D (-981) (-)

Ion 97.90 (97.60 to 98.60): VN049409.D (-981) (-)



#22

Diisopropyl ether

Concen: 49.68 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VN049409.D

Acq: 20 Jun 2018 1:56

Tgt Ion: 45 Resp: 2637830

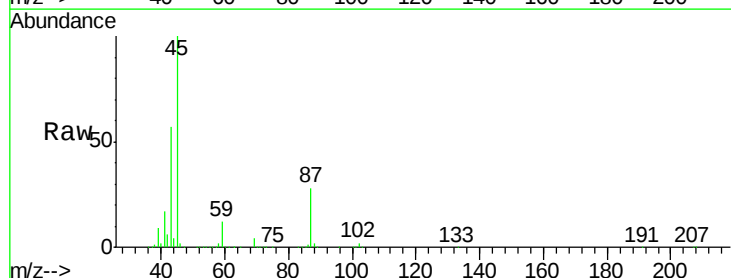
Ion Ratio Lower Upper

45 100

43 57.0 48.6 72.8

87 27.6 20.2 30.2

59 11.9 9.0 13.4

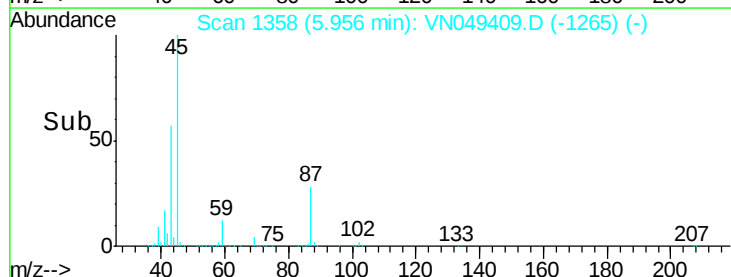
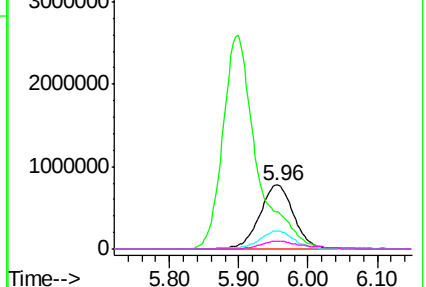


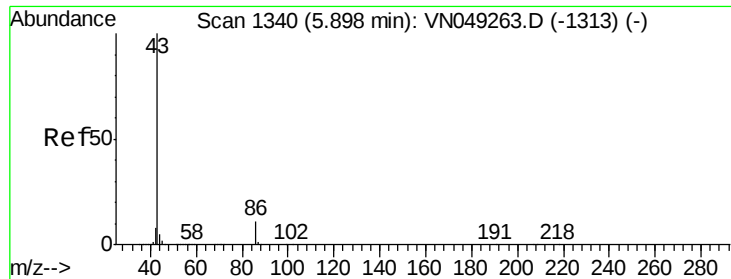
Abundance Ion 45.00 (44.70 to 45.70): VN049409.D (-1265) (-)

Ion 43.00 (42.70 to 43.70): VN049409.D (-1265) (-)

Ion 87.00 (86.70 to 87.70): VN049409.D (-1265) (-)

Ion 59.00 (58.70 to 59.70): VN049409.D (-1265) (-)

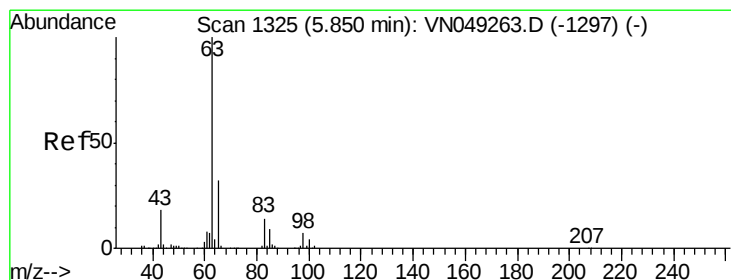
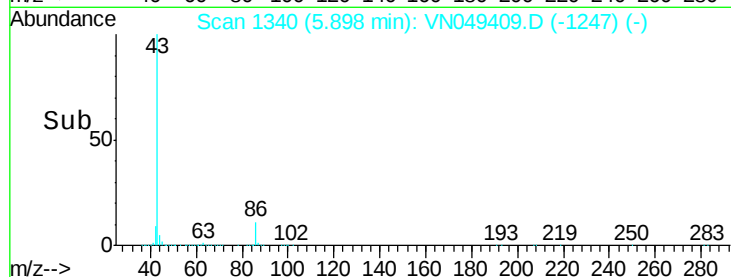
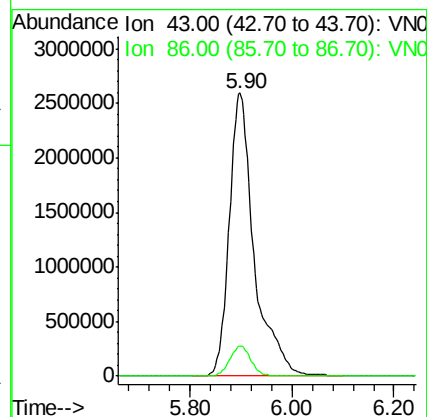
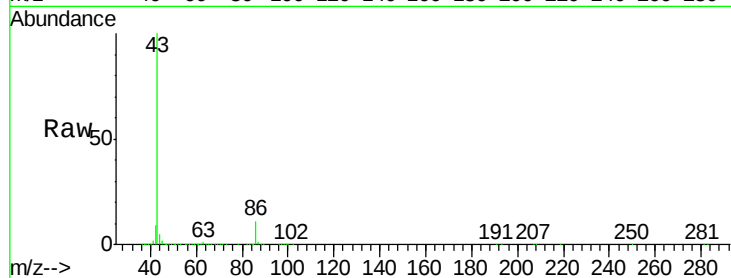




#23
 Vinyl Acetate
 Concen: 253.93 ug/l
 RT: 5.90 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VN049409.D
 Acq: 20 Jun 2018 1:56

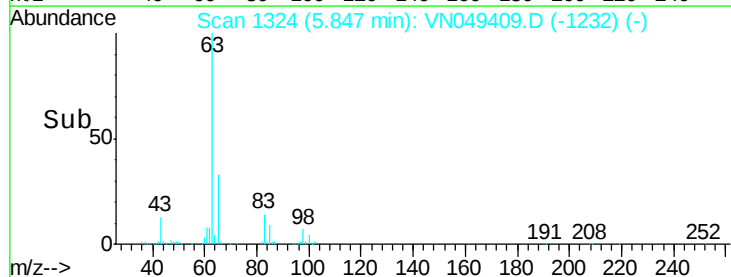
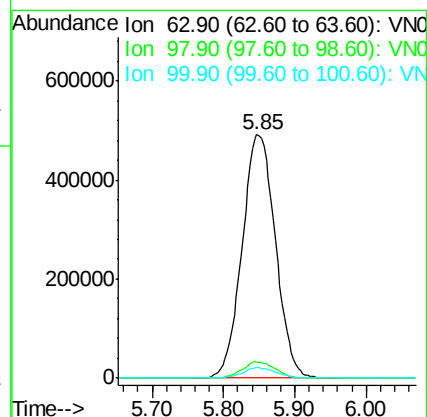
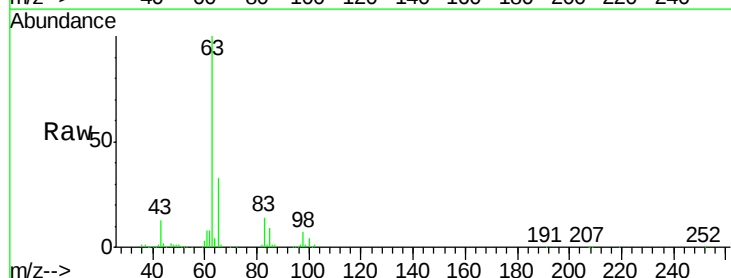
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 43 Resp: 8789402
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.2 10.8



#24
 1,1-Dichloroethane
 Concen: 46.98 ug/l
 RT: 5.85 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VN049409.D
 Acq: 20 Jun 2018 1:56

Tgt Ion: 63 Resp: 1596521
 Ion Ratio Lower Upper
 63 100
 98 6.7 2.9 8.8
 100 4.3 2.1 6.3





#25

2-Butanone

Concen: 234.62 ug/l

RT: 6.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VN049409.D

Acq: 20 Jun 2018 1:56

Instrument :

MSVOA_N

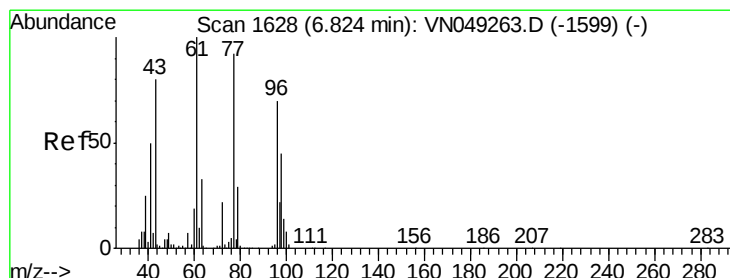
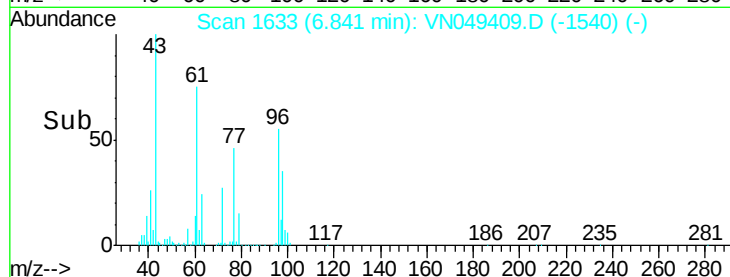
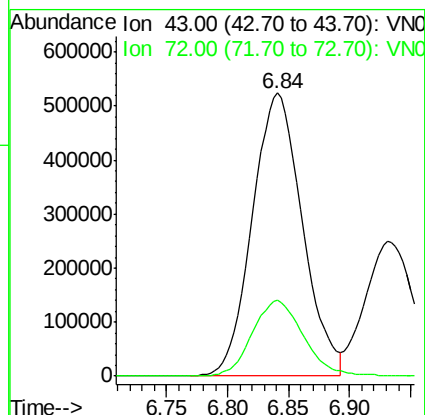
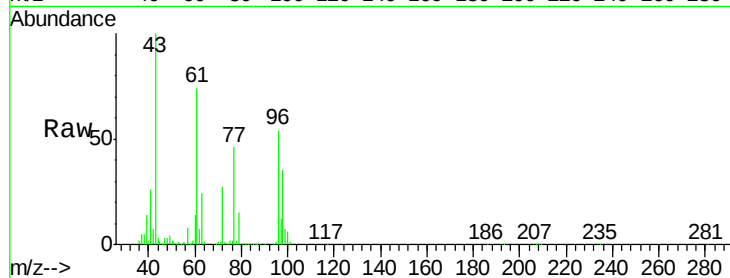
ClientSampleId :

Tot Ion: 43 Resp: 1489983

Ion Ratio Lower Upper

43 100

72 26.8 20.2 30.2



#26

2,2-Dichloropropane

Concen: 35.23 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VN049409.D

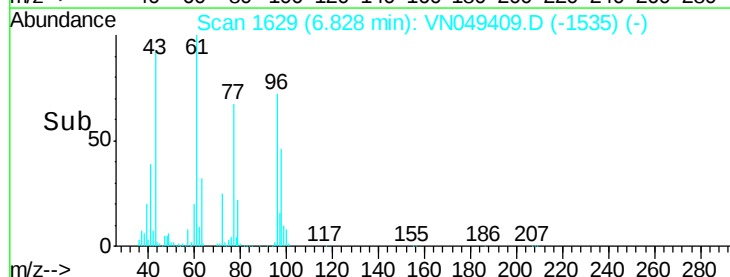
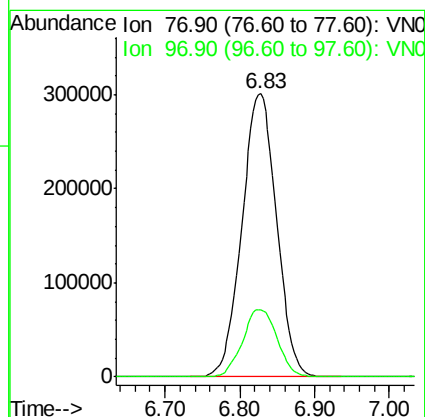
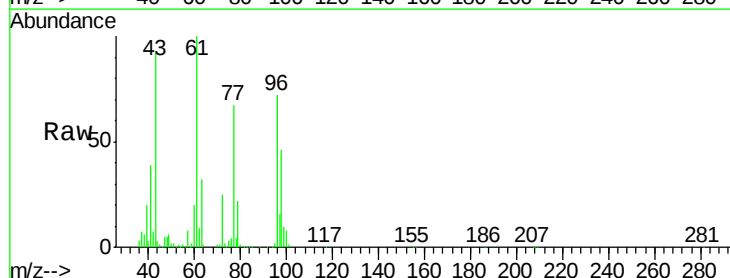
Acq: 20 Jun 2018 1:56

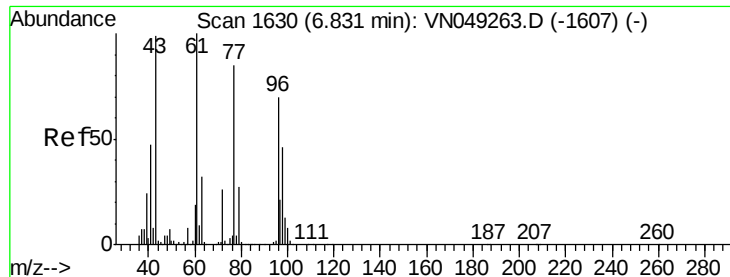
Tgt Ion: 77 Resp: 966856

Ion Ratio Lower Upper

77 100

97 24.0 11.0 33.0





#27

cis-1,2-Dichloroethene

Concen: 47.85 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VN049409.D

Acq: 20 Jun 2018 1:56

Instrument :

MSVOA_N

ClientSampleId :

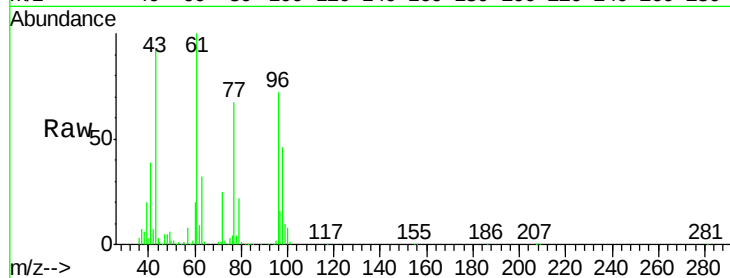
Tot Ion: 96 Resp: 948354

Ion Ratio Lower Upper

96 100

61 139.1 0.0 316.4

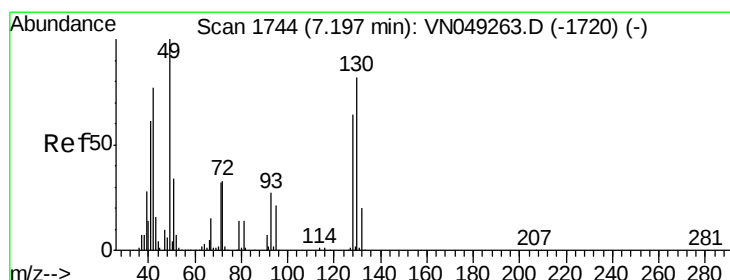
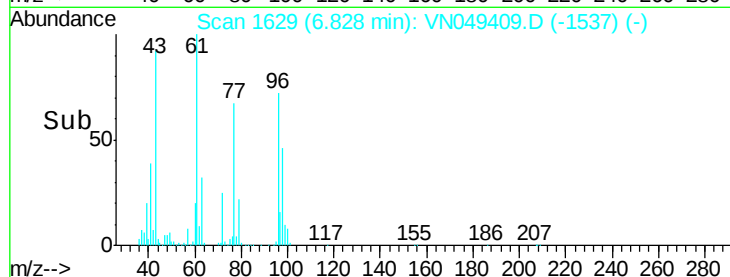
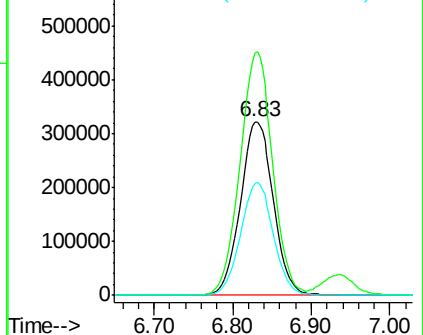
98 64.7 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN049409.D (-1629) (-)

Ion 60.90 (60.60 to 61.60): VN049409.D (-1629) (-)

Ion 97.90 (97.60 to 98.60): VN049409.D (-1629) (-)



#28

Bromochloromethane

Concen: 46.97 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. -0.00 min

Lab File: VN049409.D

Acq: 20 Jun 2018 1:56

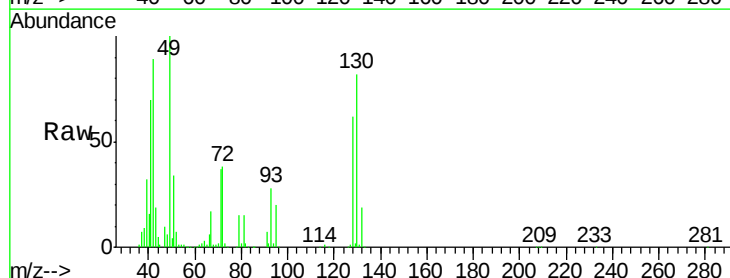
Tgt Ion: 49 Resp: 707616

Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

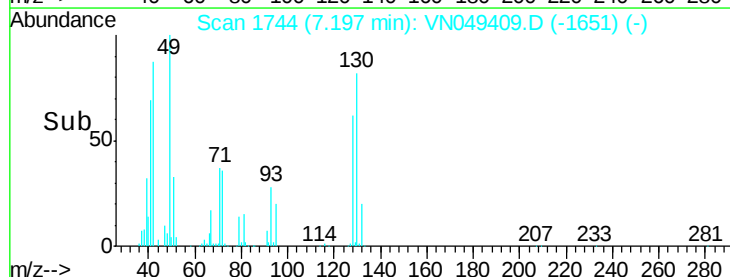
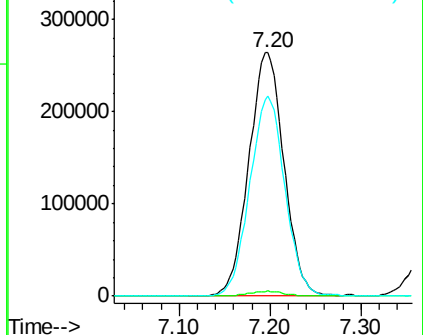
130 82.1 54.9 82.3

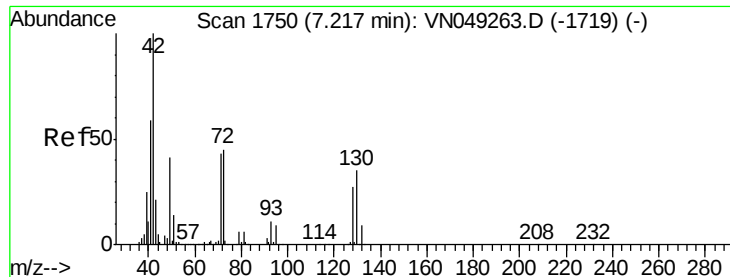


Abundance Ion 48.90 (48.60 to 49.60): VN049409.D (-1744) (-)

Ion 128.80 (128.50 to 129.50): VN049409.D (-1744) (-)

Ion 129.80 (129.50 to 130.50): VN049409.D (-1744) (-)





#29

Tetrahydrofuran

Concen: 249.75 ug/l

RT: 7.21 min Scan# 1749

Delta R.T. -0.00 min

Lab File: VN049409.D

Acq: 20 Jun 2018 1:56

Instrument :

MSVOA_N

ClientSampleId :

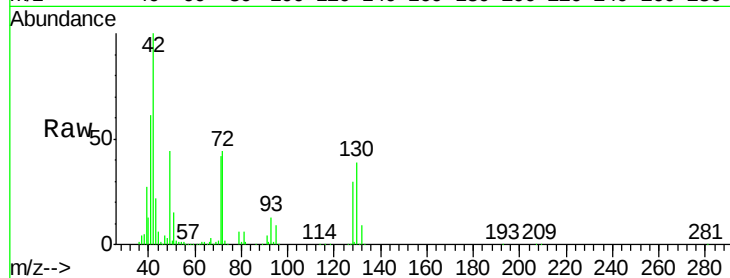
Tot Ion: 42 Resp: 1020995

Ion Ratio Lower Upper

42 100

72 43.7 32.2 48.4

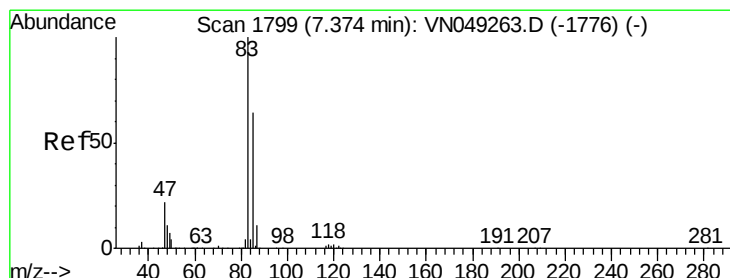
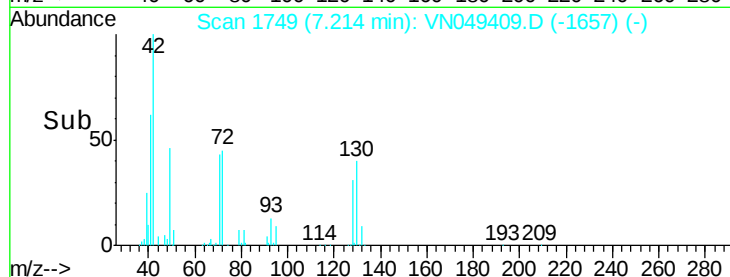
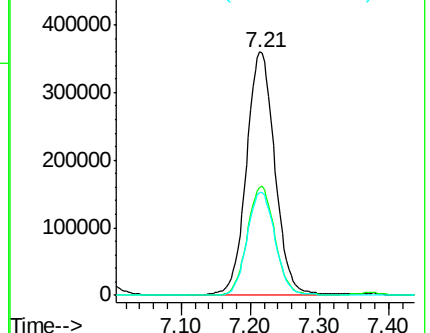
71 41.7 30.5 45.7



Abundance Ion 42.00 (41.70 to 42.70): VN049409.D (-1719) (-)

Ion 72.00 (71.70 to 72.70): VN049409.D (-1719) (-)

Ion 71.00 (70.70 to 71.70): VN049409.D (-1719) (-)



#30

Chloroform

Concen: 47.69 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN049409.D

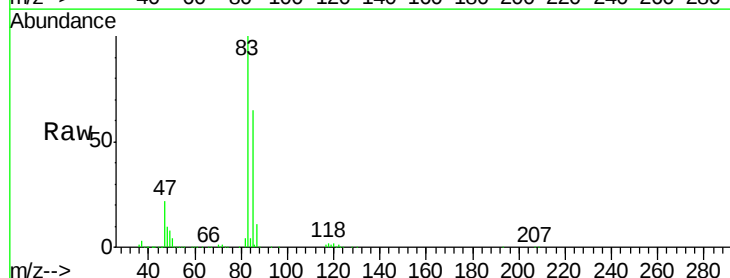
Acq: 20 Jun 2018 1:56

Tgt Ion: 83 Resp: 1612968

Ion Ratio Lower Upper

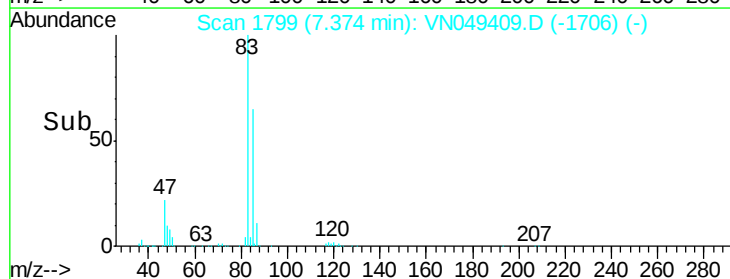
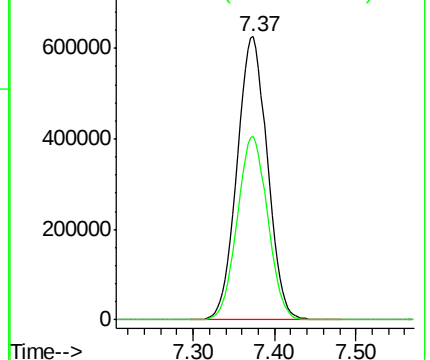
83 100

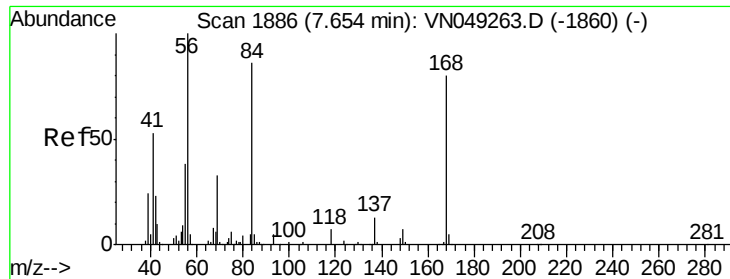
85 64.8 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VN049409.D (-1776) (-)

Ion 84.90 (84.60 to 85.60): VN049409.D (-1776) (-)

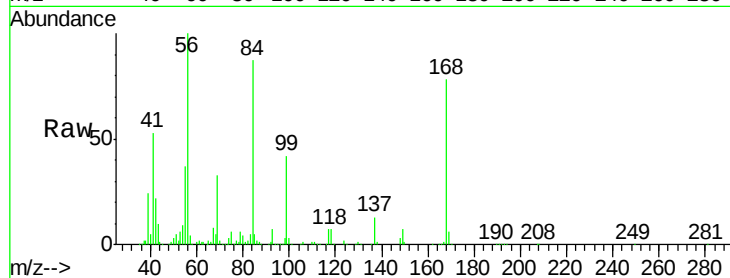




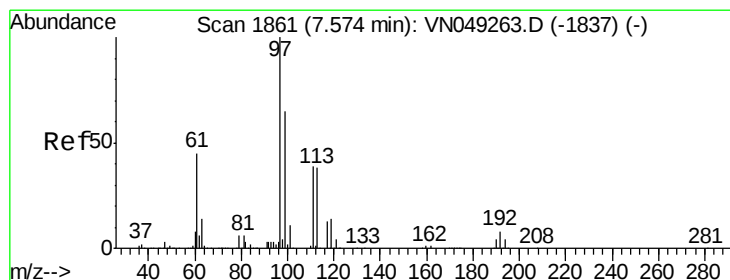
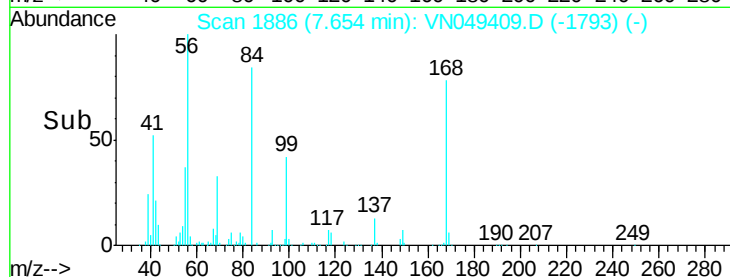
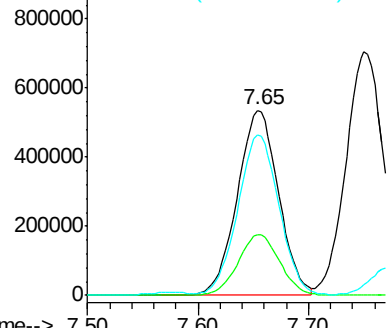
#31
Cyclohexane
Concen: 48.18 ug/l
RT: 7.65 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VN049409.D
Acq: 20 Jun 2018 1:56

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 1388176
Ion Ratio Lower Upper
56 100
69 32.8 25.0 37.4
84 85.4 64.6 96.8

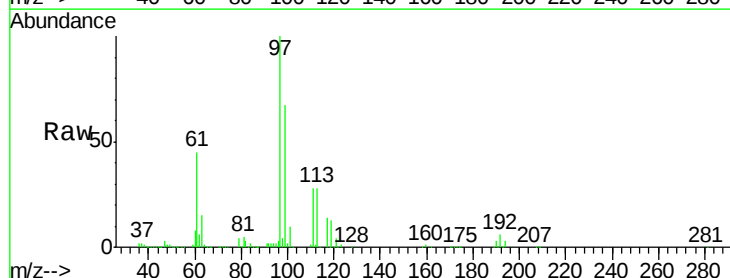


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

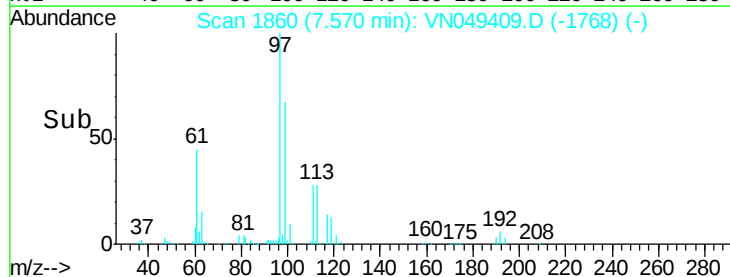
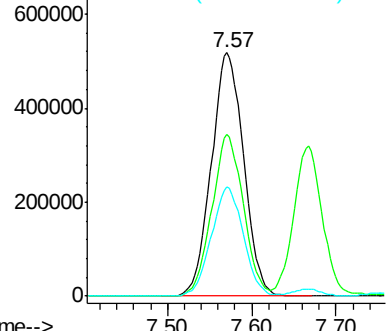


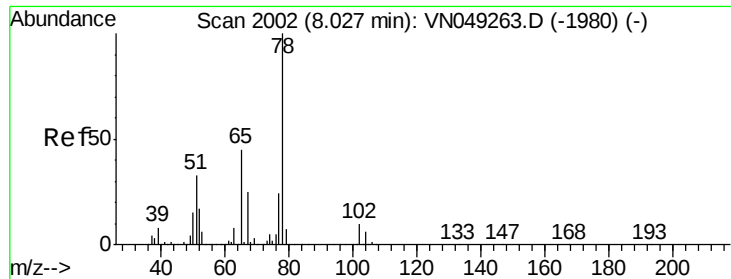
#32
1,1,1-Trichloroethane
Concen: 47.98 ug/l
RT: 7.57 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VN049409.D
Acq: 20 Jun 2018 1:56

Tgt Ion: 97 Resp: 1384671
Ion Ratio Lower Upper
97 100
99 64.5 50.5 75.7
61 44.3 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

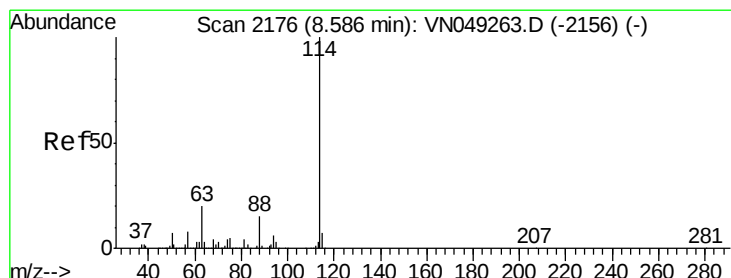
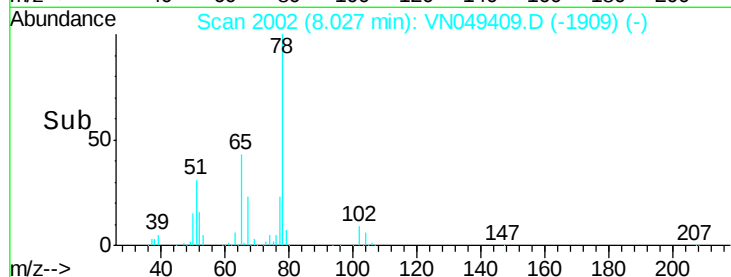
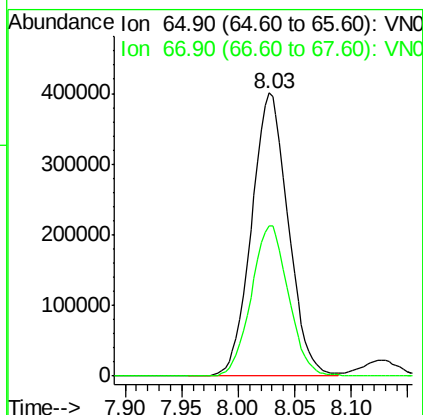
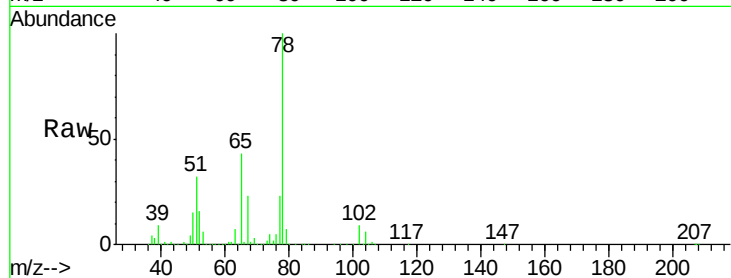




#33
 1,2-Dichloroethane-d4
 Concen: 46.34 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049409.D
 Acq: 20 Jun 2018 1:56

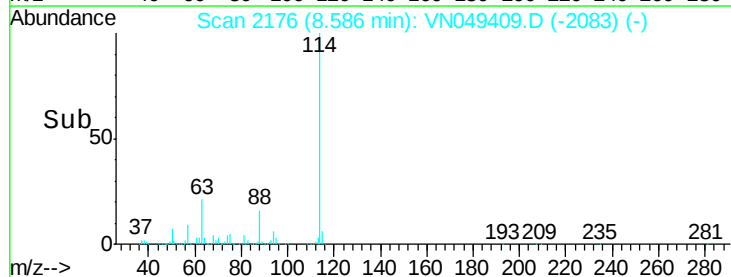
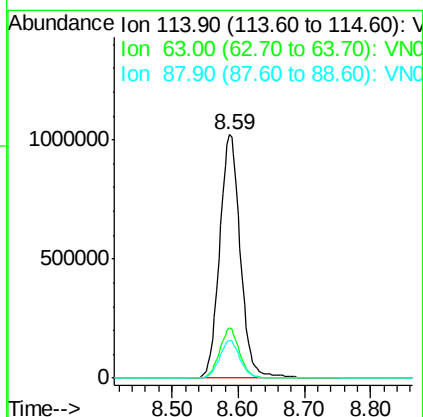
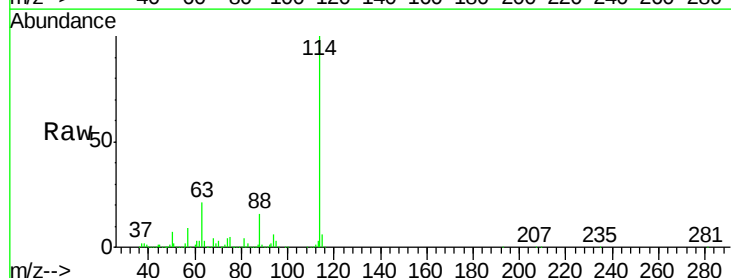
Instrument :
 MSVOA_N
 ClientSampled :

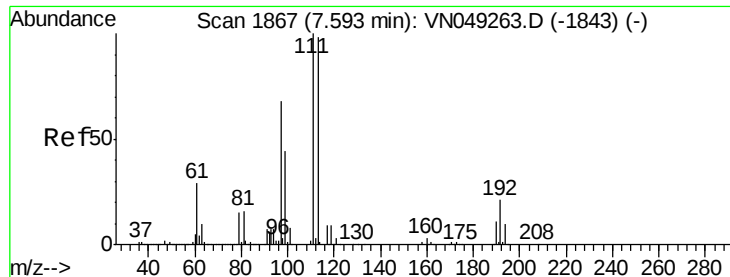
Tot Ion: 65 Resp: 902624
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049409.D
 Acq: 20 Jun 2018 1:56

Tgt Ion: 114 Resp: 2207358
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 44.4
 88 15.5 0.0 31.4

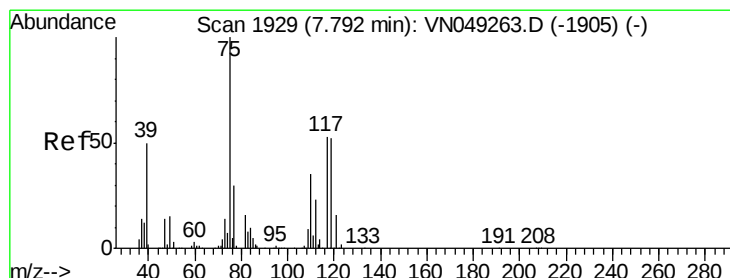
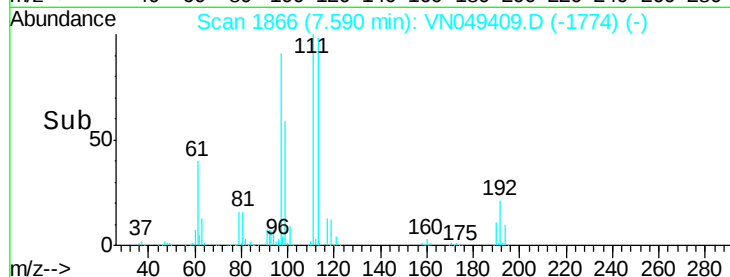
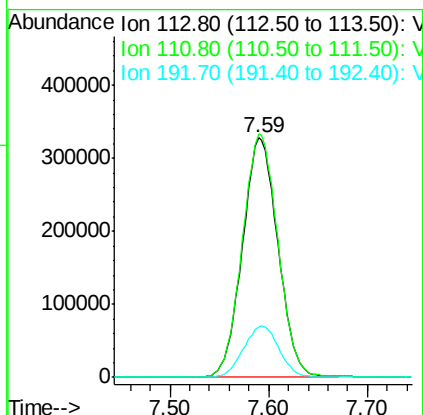
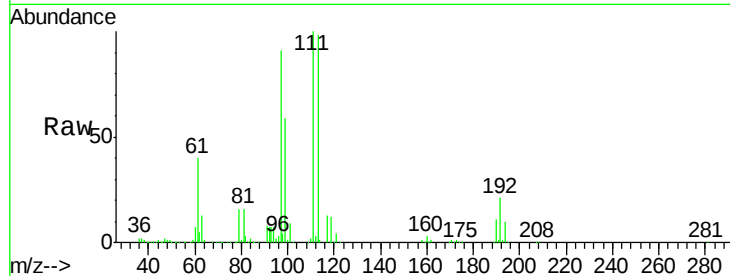




#35
Dibromofluoromethane
Concen: 45.70 ug/l
RT: 7.59 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN049409.D
Acq: 20 Jun 2018 1:56

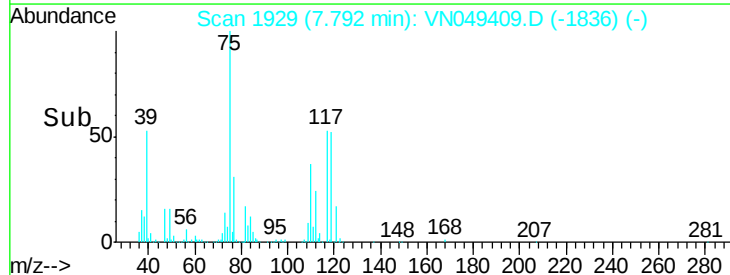
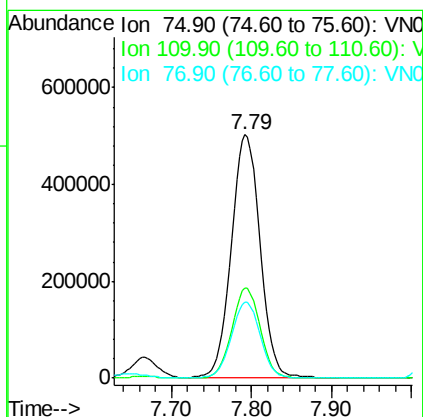
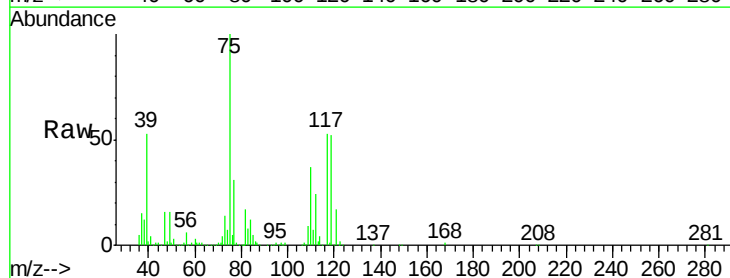
Instrument :
MSVOA_N
ClientSampleId :

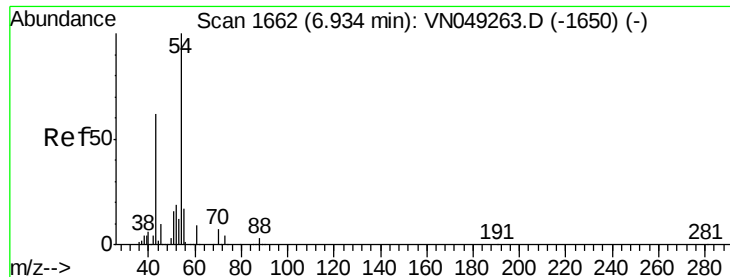
Tot Ion:113 Resp: 816186
Ion Ratio Lower Upper
113 100
111 101.9 82.4 123.6
192 21.5 15.0 22.6



#36
1,1-Dichloropropene
Concen: 48.08 ug/l
RT: 7.79 min Scan# 1929
Delta R.T. -0.00 min
Lab File: VN049409.D
Acq: 20 Jun 2018 1:56

Tgt Ion: 75 Resp: 1216424
Ion Ratio Lower Upper
75 100
110 36.4 17.0 50.9
77 31.3 24.4 36.6

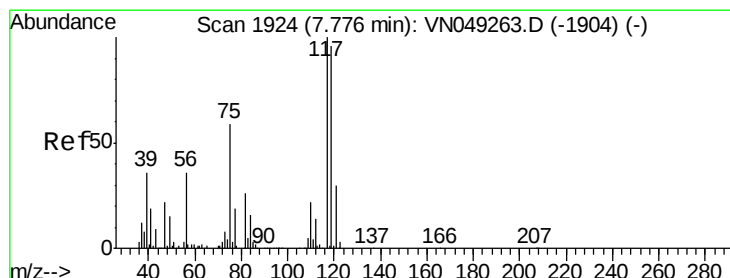
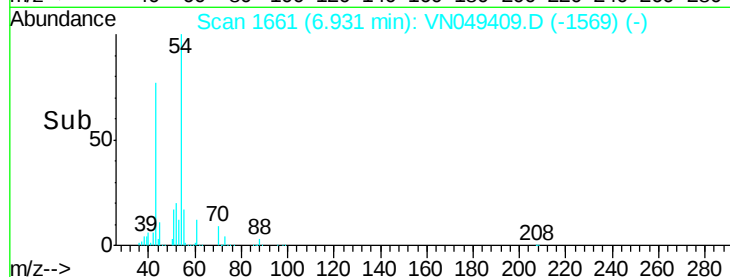
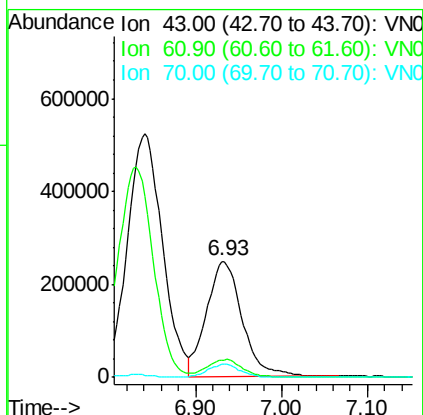
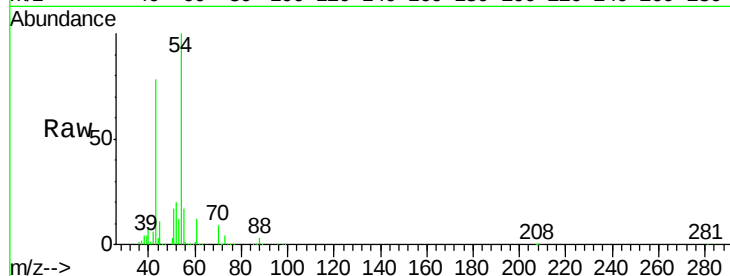




#37
Ethyl Acetate
Concen: 52.15 ug/l
RT: 6.93 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VN049409.D
Acq: 20 Jun 2018 1:56

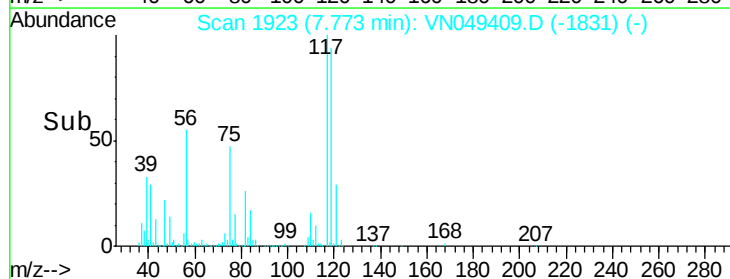
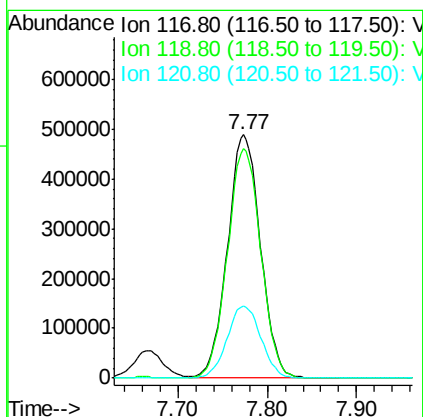
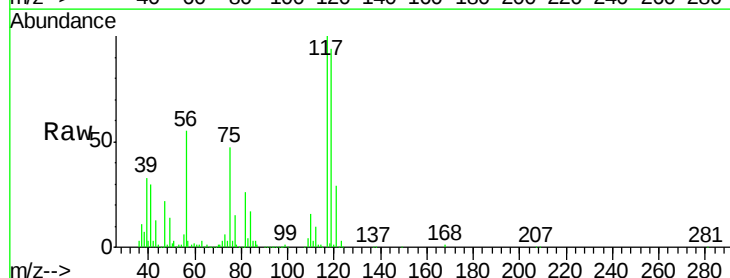
Instrument :
MSVOA_N
ClientSampleId :

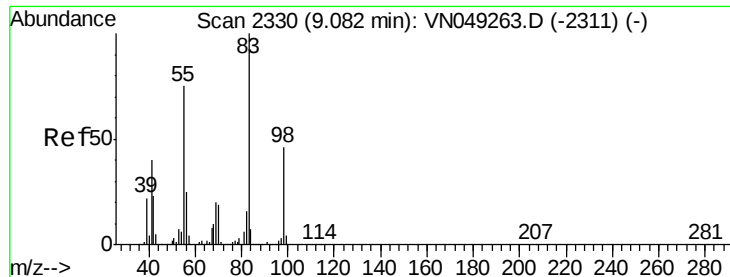
Tot Ion: 43 Resp: 717171
Ion Ratio Lower Upper
43 100
61 14.6 11.0 16.4
70 10.2 7.2 10.8



#38
Carbon Tetrachloride
Concen: 47.61 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN049409.D
Acq: 20 Jun 2018 1:56

Tgt Ion: 117 Resp: 1246920
Ion Ratio Lower Upper
117 100
119 94.3 75.6 113.4
121 29.4 24.7 37.1

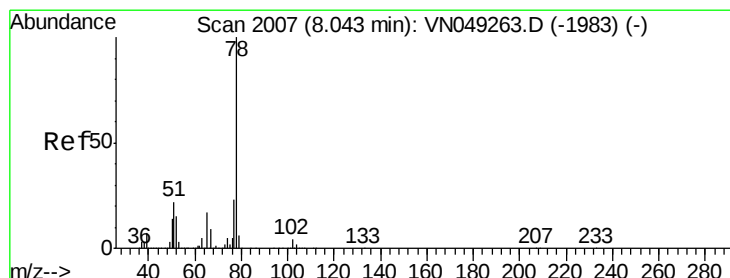
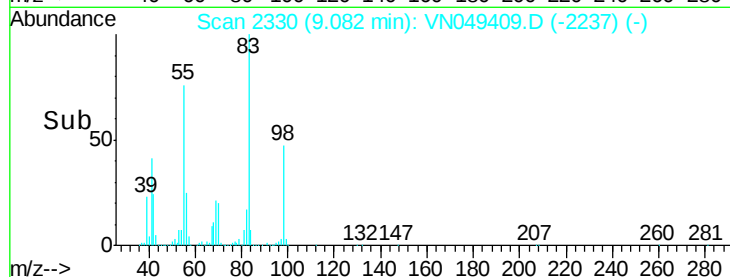
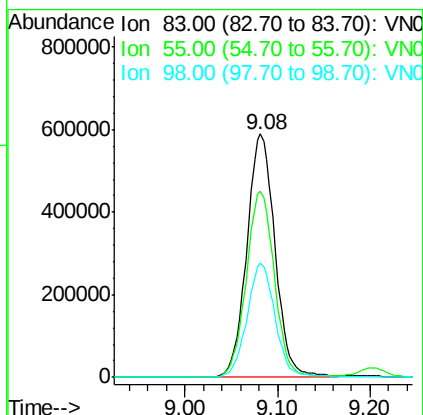
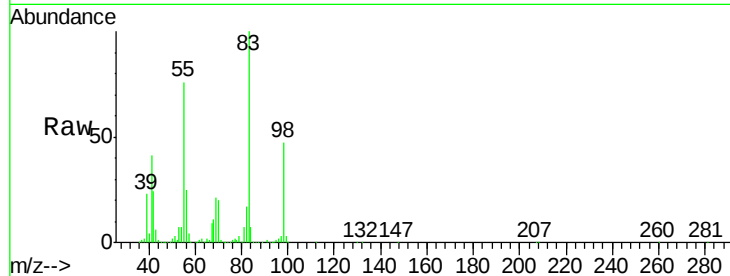




#39
Methvlcvclohexane
Concen: 45.80 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN049409.D
Acq: 20 Jun 2018 1:56

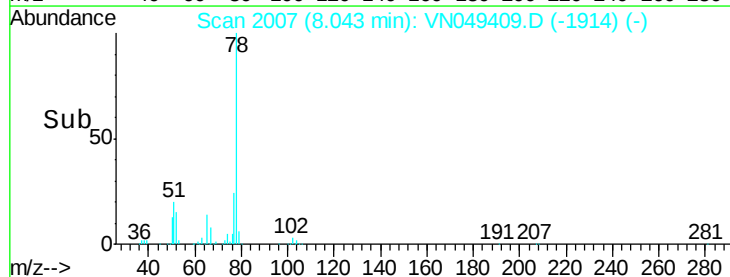
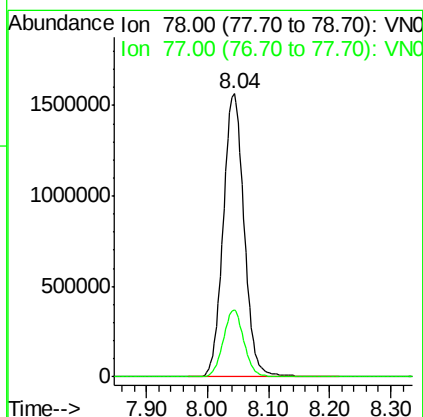
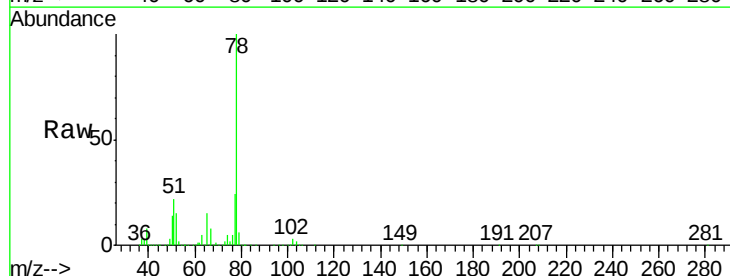
Instrument :
MSVOA_N
ClientSampleId :

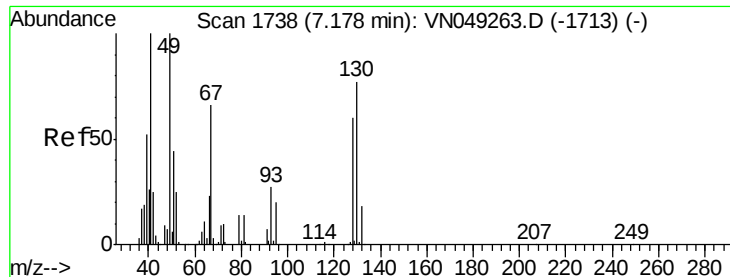
Tot Ion: 83 Resp: 1243837
Ion Ratio Lower Upper
83 100
55 76.2 65.1 97.7
98 46.8 36.5 54.7



#40
Benzene
Concen: 47.79 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN049409.D
Acq: 20 Jun 2018 1:56

Tgt Ion: 78 Resp: 3706353
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.0

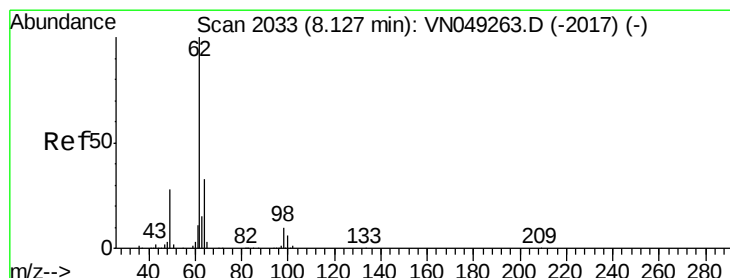
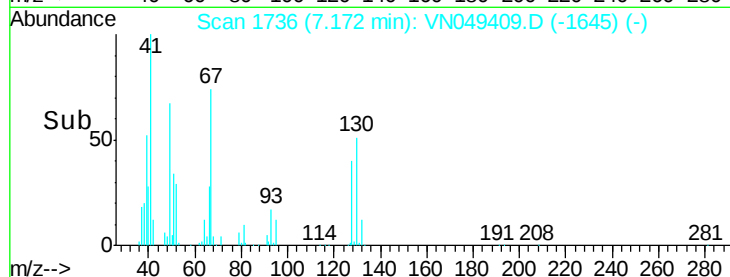
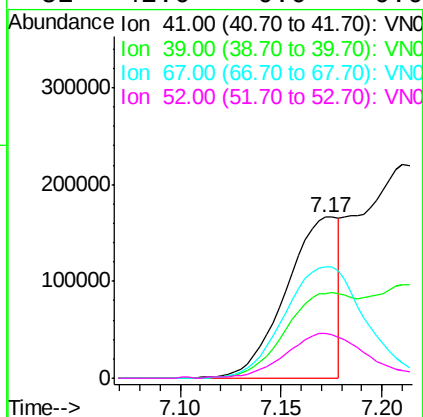
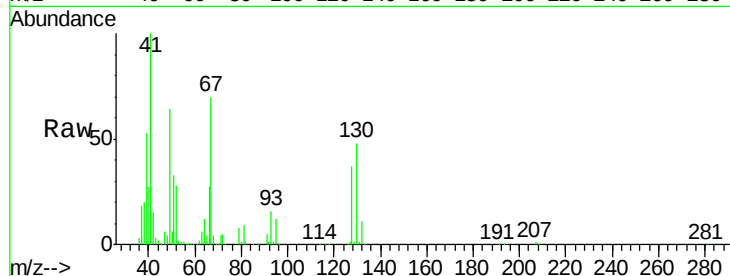




#41
Methacrylonitrile
Concen: 40.09 ug/l
RT: 7.17 min Scan# 1736
Delta R.T. -0.01 min
Lab File: VN049409.D
Acq: 20 Jun 2018 1:56

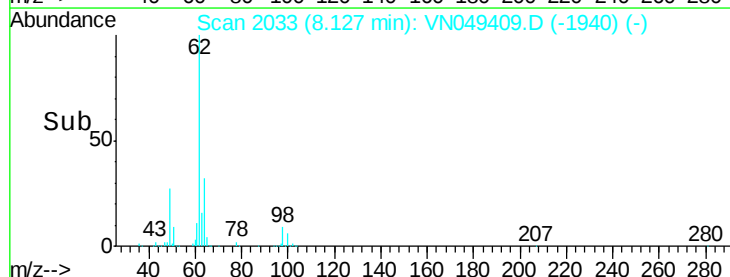
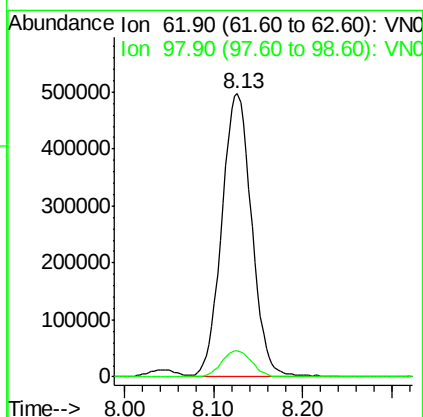
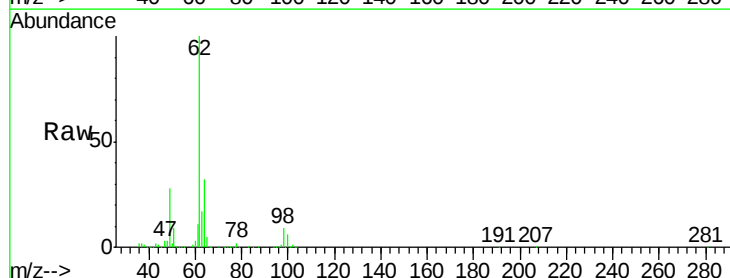
Instrument :
MSVOA_N
ClientSampleId :

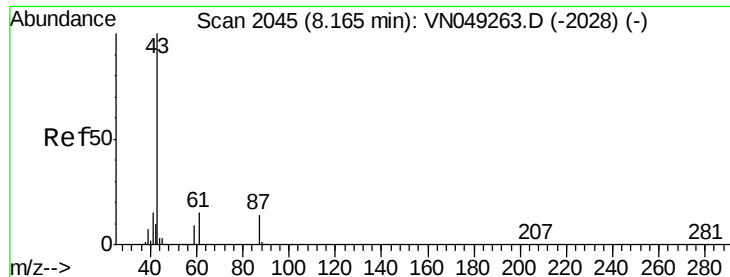
Tot Ion: 41 Resp: 298085
Ion Ratio Lower Upper
41 100
39 70.1 0.0 0.0#
67 109.2 0.0 0.0#
52 42.0 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 47.89 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049409.D
Acq: 20 Jun 2018 1:56

Tgt Ion: 62 Resp: 1147635
Ion Ratio Lower Upper
62 100
98 9.4 0.0 16.2





#43

Isopropyl Acetate

Concen: 50.77 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN049409.D

Acq: 20 Jun 2018 1:56

Instrument :

MSVOA_N

ClientSampleId :

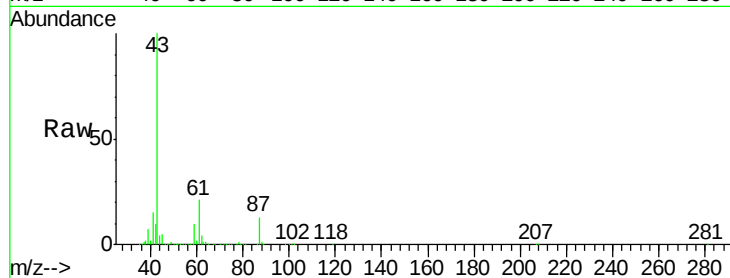
Tot Ion: 43 Resp: 1334161

Ion Ratio Lower Upper

43 100

61 28.4 14.2 21.4#

87 13.0 9.4 14.0

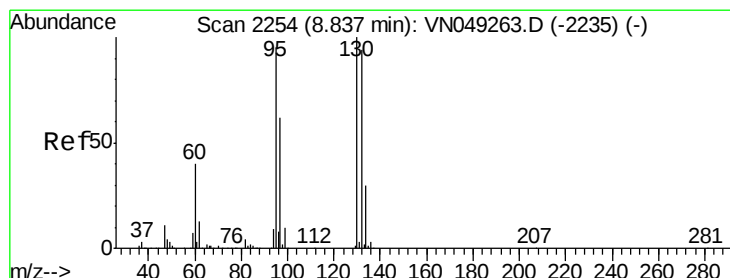
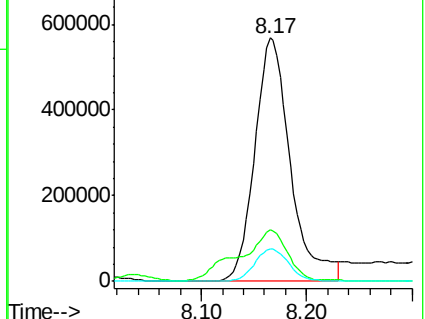
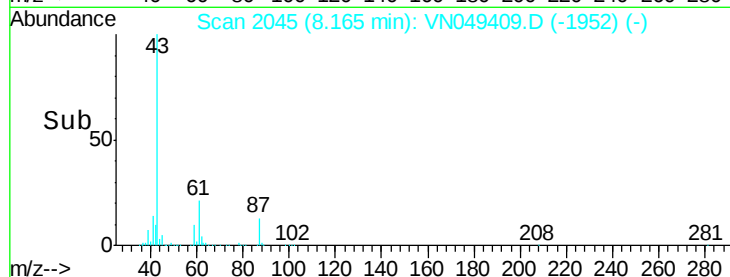


Abundance Ion 43.00 (42.70 to 43.70): VN049263.D (-2028) (-)

Ion 61.00 (60.70 to 61.70): VN049263.D (-2028) (-)

Ion 87.00 (86.70 to 87.70): VN049263.D (-2028) (-)

Time-->



#44

Trichloroethene

Concen: 48.04 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049409.D

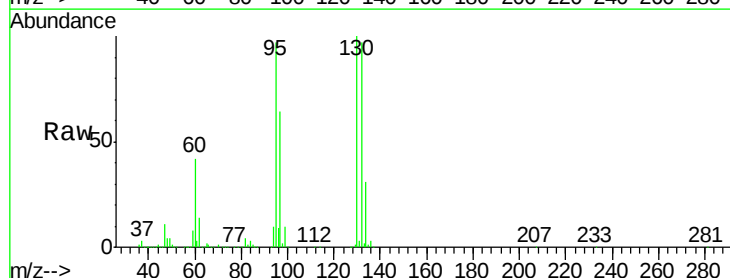
Acq: 20 Jun 2018 1:56

Tgt Ion:130 Resp: 983919

Ion Ratio Lower Upper

130 100

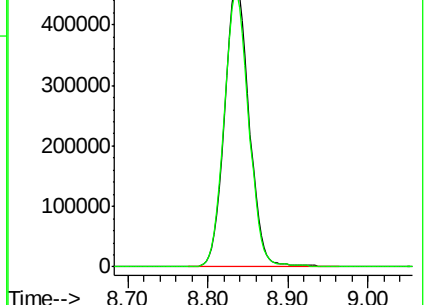
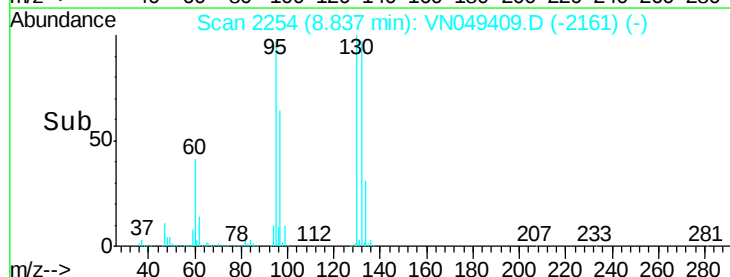
95 96.7 0.0 208.6



Abundance Ion 129.80 (129.50 to 130.50): VN049263.D (-2235) (-)

Ion 94.90 (94.60 to 95.60): VN049263.D (-2235) (-)

Time-->

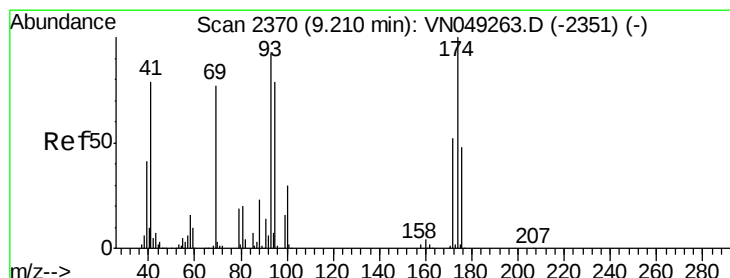
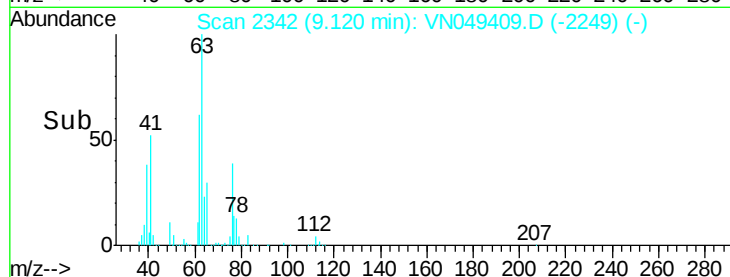
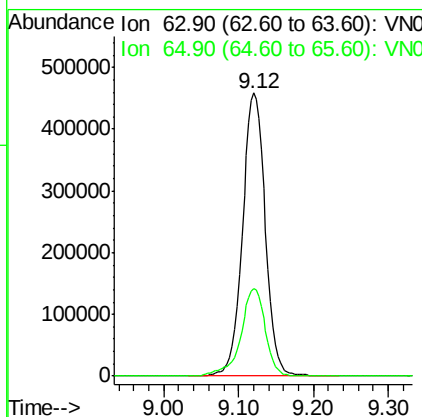
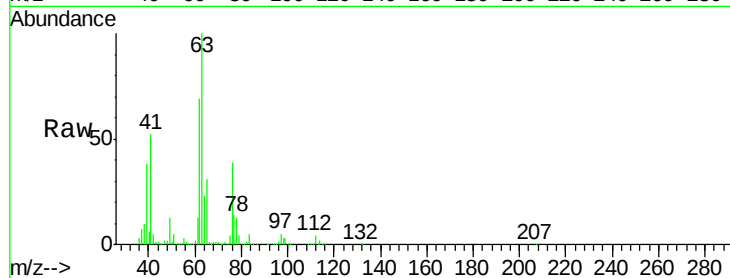




#45
 1,2-Dichloropropane
 Concen: 47.63 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: VN049409.D
 Acq: 20 Jun 2018 1:56

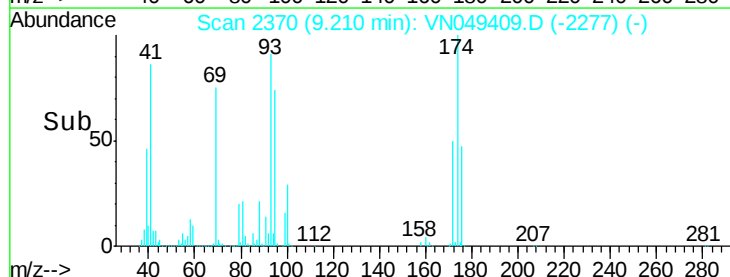
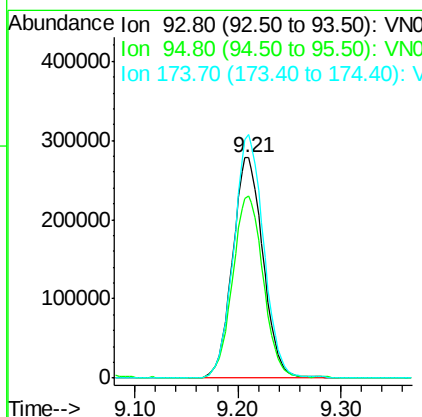
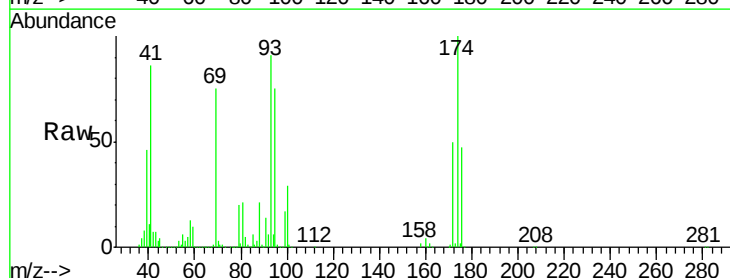
Instrument :
 MSVOA_N
 ClientSampled :

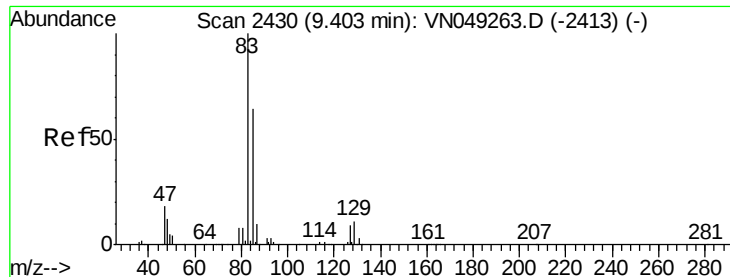
Tot Ion: 63 Resp: 967321
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.8 37.2



#46
 Dibromomethane
 Concen: 48.76 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. -0.00 min
 Lab File: VN049409.D
 Acq: 20 Jun 2018 1:56

Tgt Ion: 93 Resp: 574127
 Ion Ratio Lower Upper
 93 100
 95 83.1 67.2 100.8
 174 108.8 75.6 113.4





#47

Bromodichloromethane

Concen: 48.12 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN049409.D

Acq: 20 Jun 2018 1:56

Instrument :
MSVOA_N
ClientSampleId :

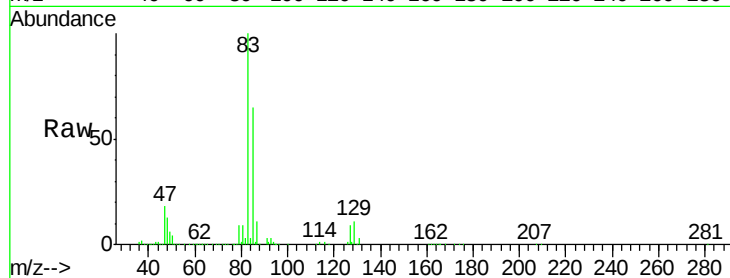
Tot Ion: 83 Resp: 1245143

Ion Ratio Lower Upper

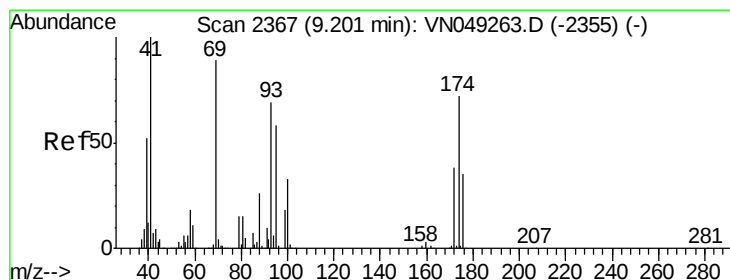
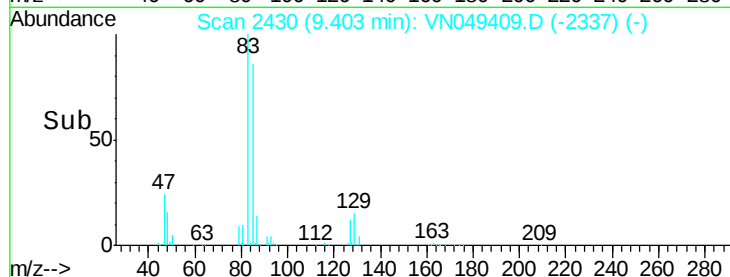
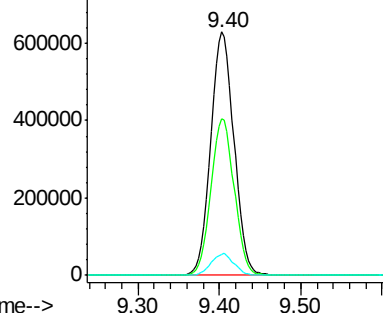
83 100

85 64.5 49.4 74.0

127 8.8 6.3 9.5



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



#48

Methyl methacrylate

Concen: 52.07 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN049409.D

Acq: 20 Jun 2018 1:56

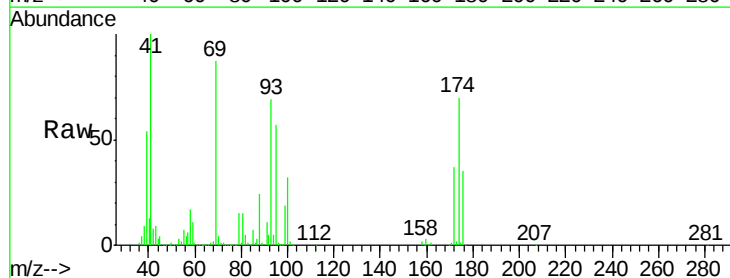
Tgt Ion: 41 Resp: 644354

Ion Ratio Lower Upper

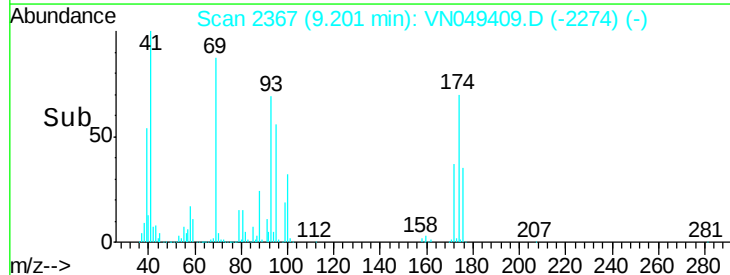
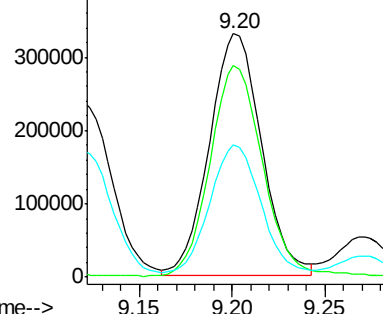
41 100

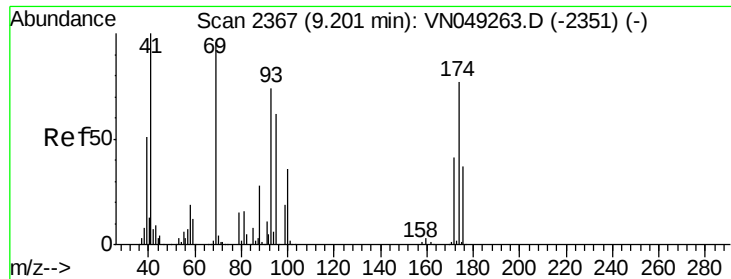
69 88.0 62.0 93.0

39 54.6 50.6 75.8



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

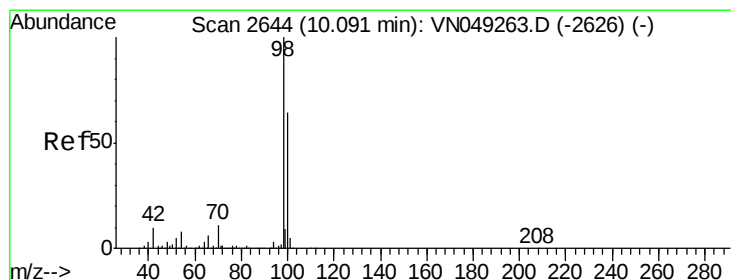
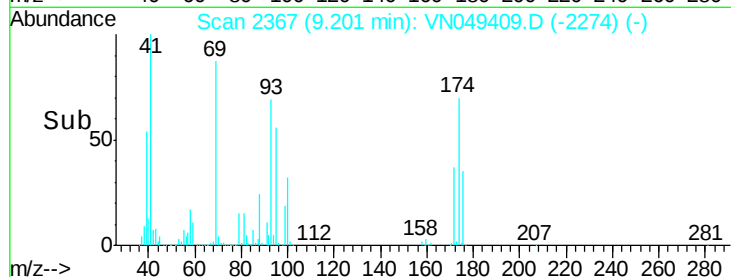
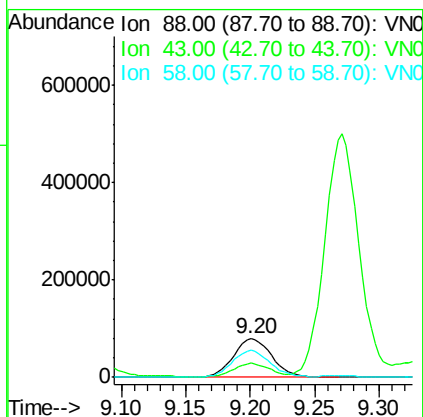
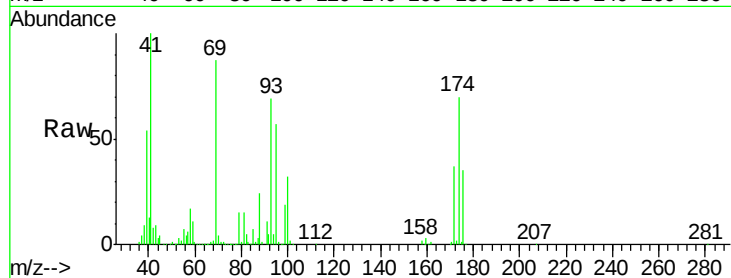




#49
1,4-Dioxane
Concen: 964.49 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN049409.D
Acq: 20 Jun 2018 1:56

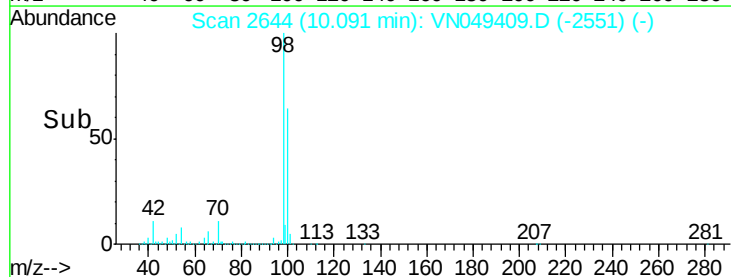
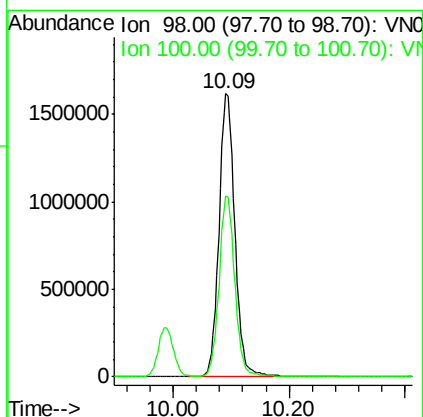
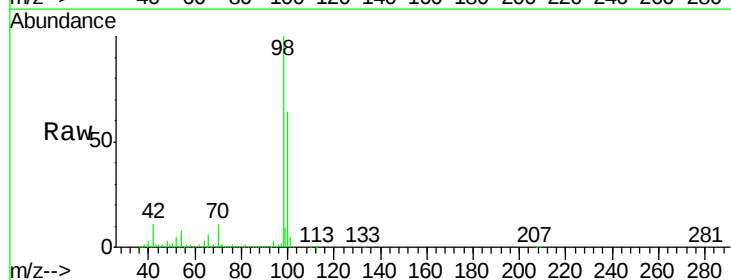
Instrument :
MSVOA_N
ClientSampleId :

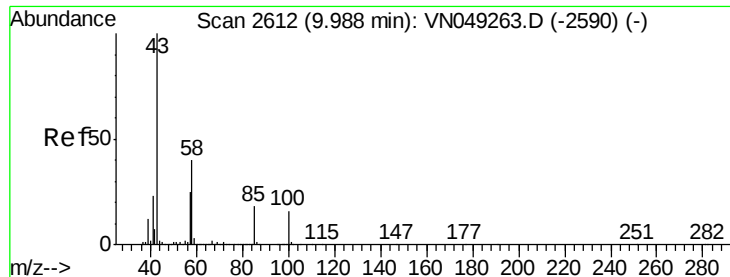
Tot Ion: 88 Resp: 164725
Ion Ratio Lower Upper
88 100
43 32.3 30.9 46.3
58 69.4 58.9 88.3



#50
Toluene-d8
Concen: 44.95 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049409.D
Acq: 20 Jun 2018 1:56

Tgt Ion: 98 Resp: 3056510
Ion Ratio Lower Upper
98 100
100 63.7 49.8 74.8





#51

4-Methyl-2-Pentanone

Concen: 255.30 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN049409.D

Acq: 20 Jun 2018 1:56

Instrument :

MSVOA_N

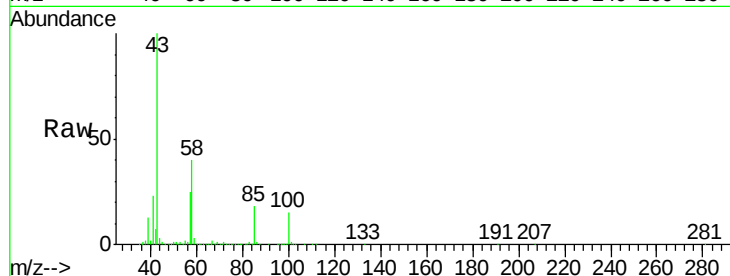
ClientSampled :

Tot Ion: 43 Resp: 3516135

Ion Ratio Lower Upper

43 100

58 39.6 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

2000000

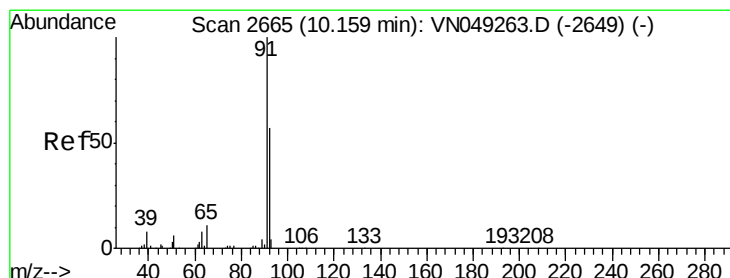
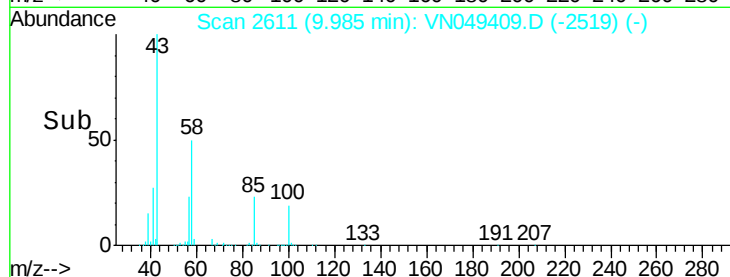
1500000

1000000

500000

0

Time-->



#52

Toluene

Concen: 49.90 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN049409.D

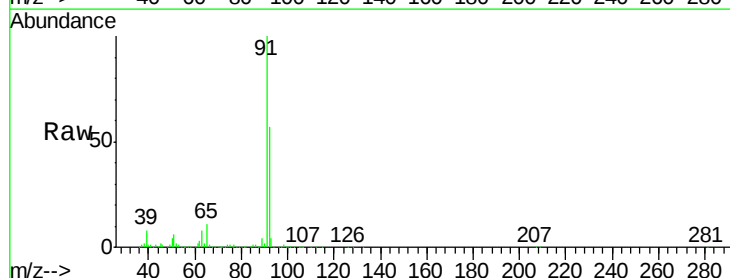
Acq: 20 Jun 2018 1:56

Tgt Ion: 92 Resp: 2271547

Ion Ratio Lower Upper

92 100

91 175.8 143.4 215.2



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

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

2500000

2000000

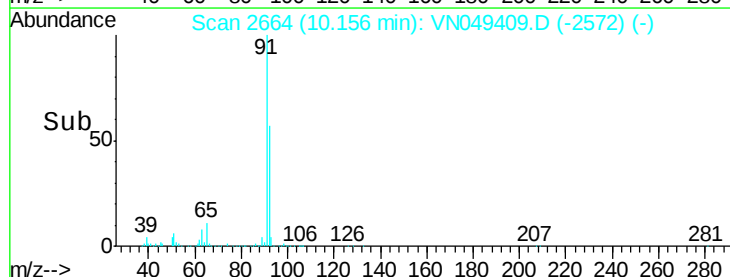
1500000

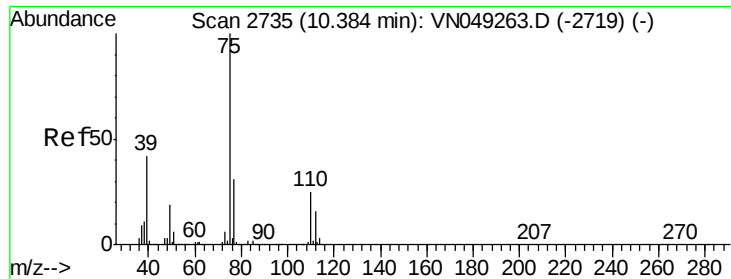
1000000

500000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 47.25 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. -0.00 min

Lab File: VN049409.D

Acq: 20 Jun 2018 1:56

Instrument :

MSVOA_N

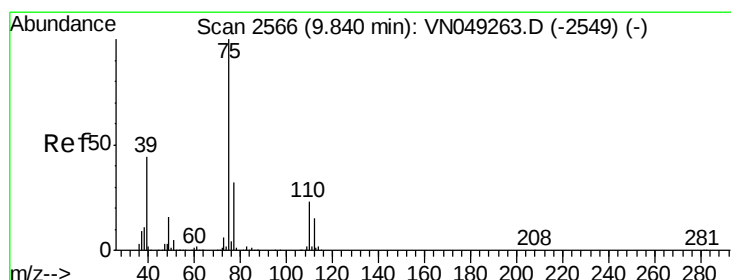
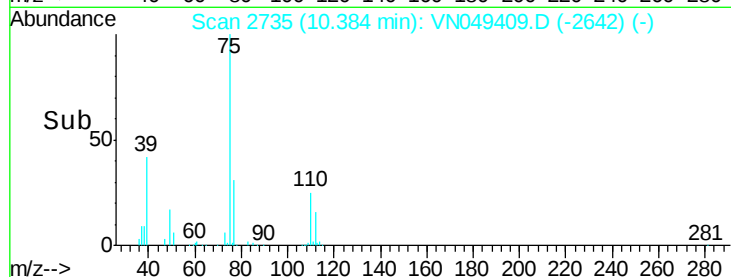
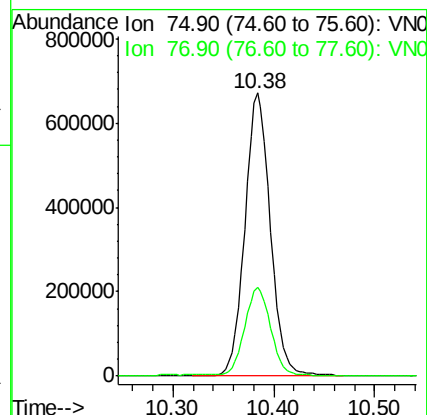
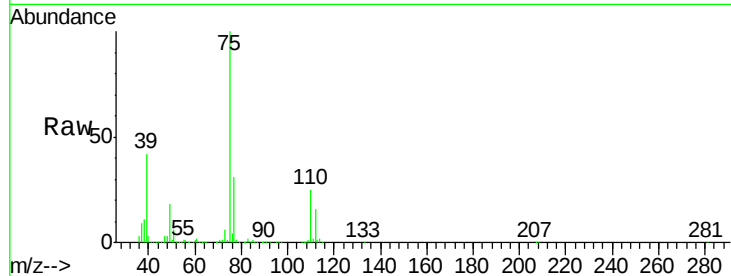
ClientSampleId :

Tot Ion: 75 Resp: 1169546

Ion Ratio Lower Upper

75 100

77 30.9 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 46.84 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VN049409.D

Acq: 20 Jun 2018 1:56

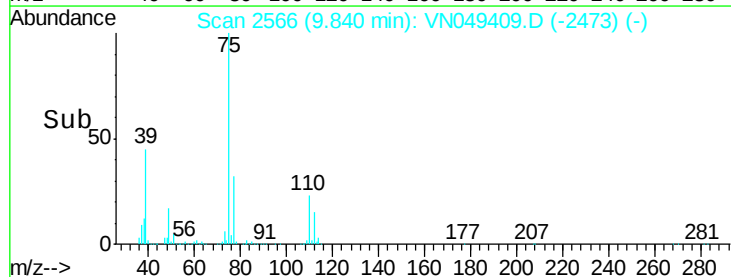
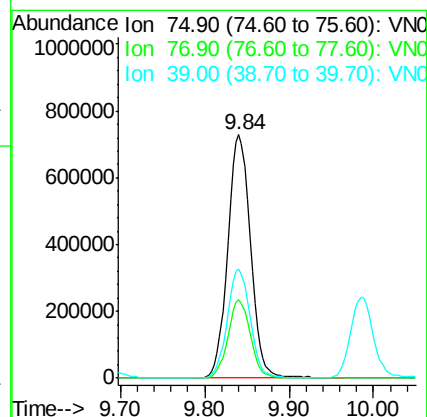
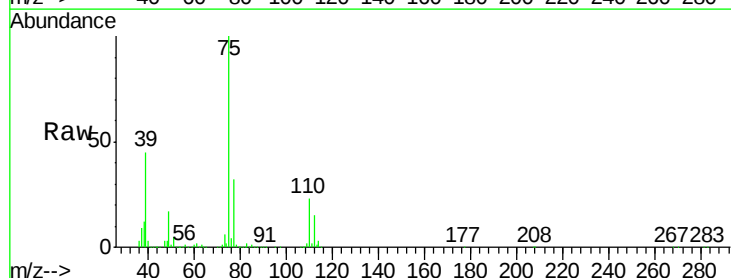
Tgt Ion: 75 Resp: 1369179

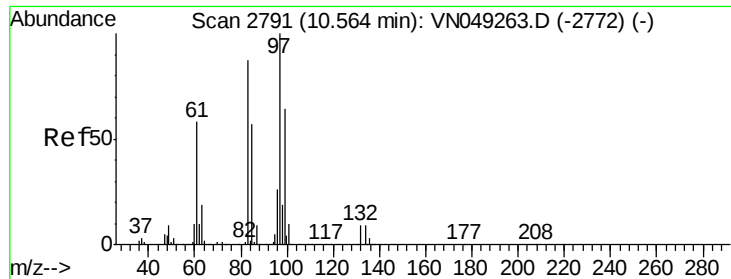
Ion Ratio Lower Upper

75 100

77 32.1 24.8 37.2

39 44.7 45.1 67.7#

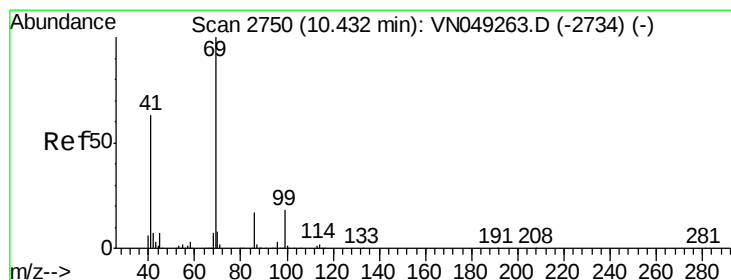
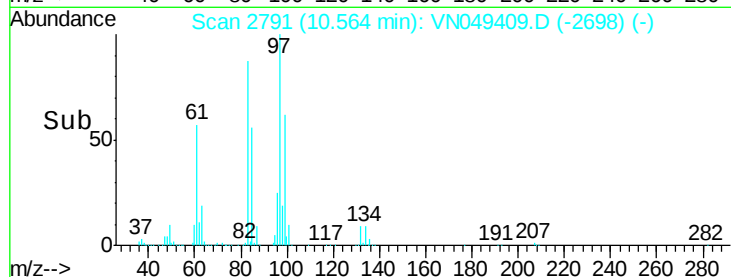
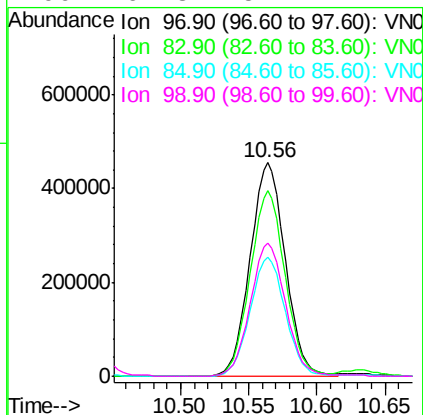
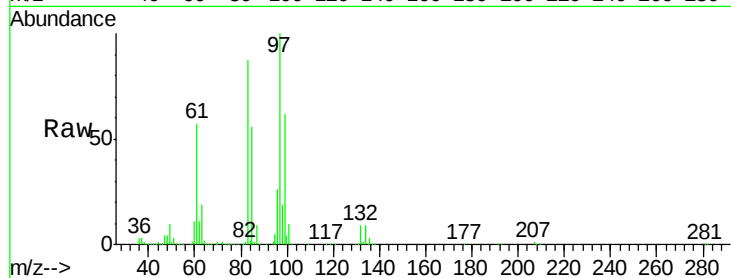




#55
 1,1,2-Trichloroethane
 Concen: 48.05 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049409.D
 Acq: 20 Jun 2018 1:56

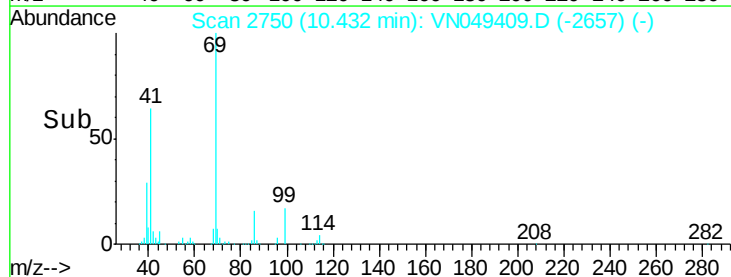
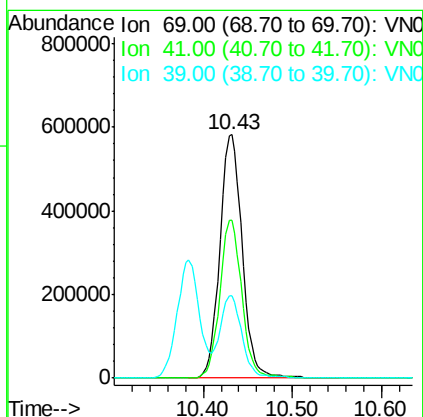
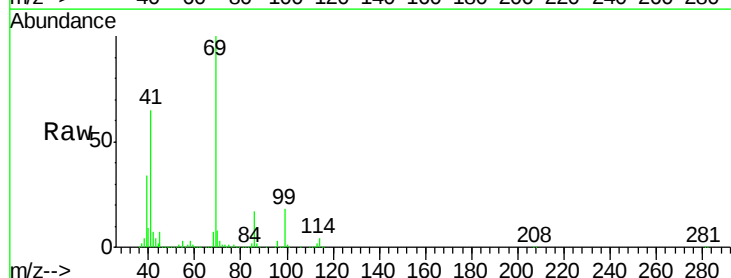
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 97 Resp: 815464
 Ion Ratio Lower Upper
 97 100
 83 86.6 71.5 107.3
 85 55.7 47.0 70.4
 99 62.3 51.4 77.2



#56
 Ethyl methacrylate
 Concen: 51.60 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. -0.00 min
 Lab File: VN049409.D
 Acq: 20 Jun 2018 1:56

Tgt Ion: 69 Resp: 1010199
 Ion Ratio Lower Upper
 69 100
 41 62.9 58.4 87.6
 39 32.8 35.5 53.3#

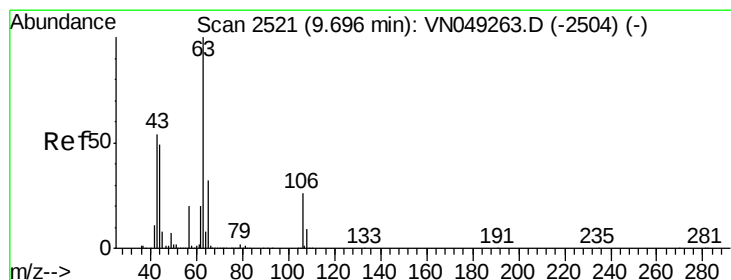
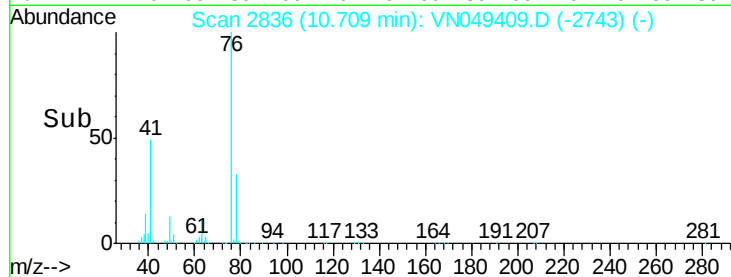
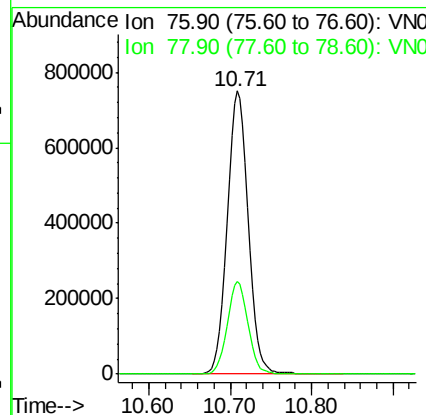
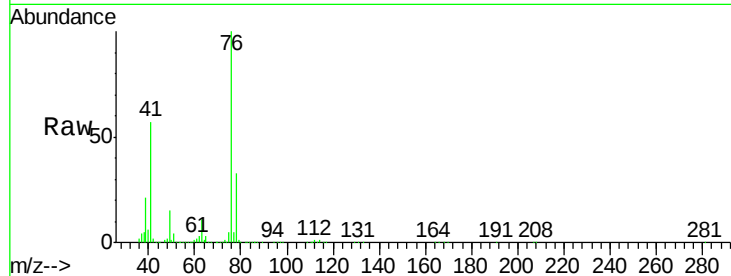




#57
 1,3-Dichloropropane
 Concen: 48.69 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. -0.00 min
 Lab File: VN049409.D
 Acq: 20 Jun 2018 1:56

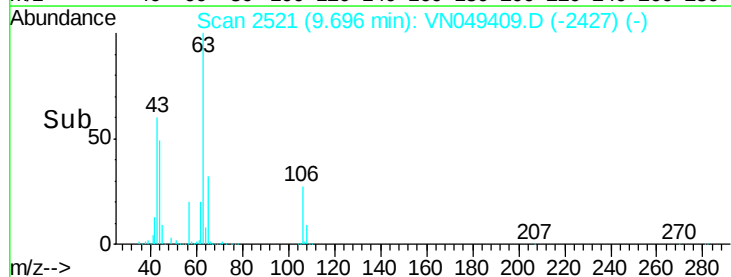
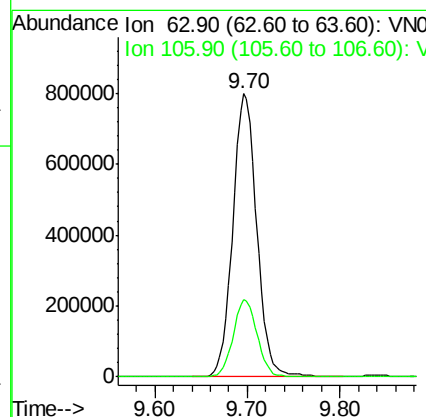
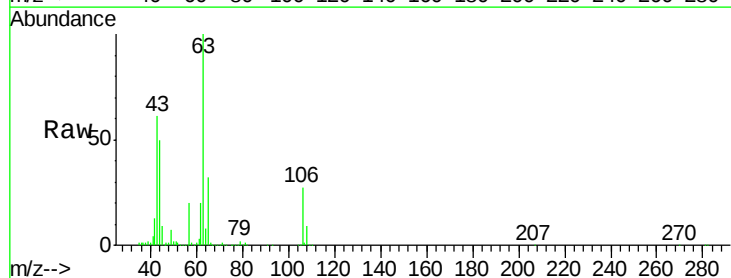
Instrument :
 MSVOA_N
 ClientSampleId :

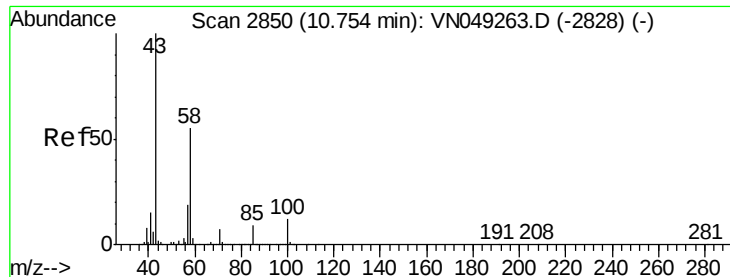
Tot Ion: 76 Resp: 1368921
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 207.49 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN049409.D
 Acq: 20 Jun 2018 1:56

Tgt Ion: 63 Resp: 1434137
 Ion Ratio Lower Upper
 63 100
 106 27.3 19.4 29.2

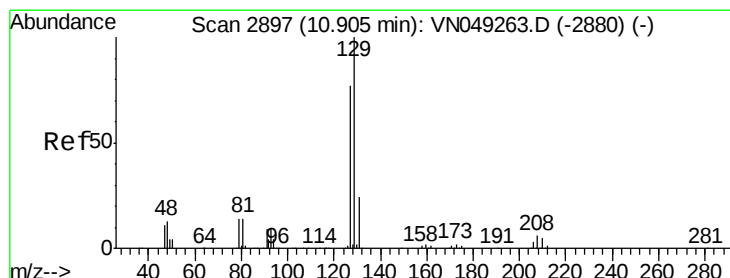
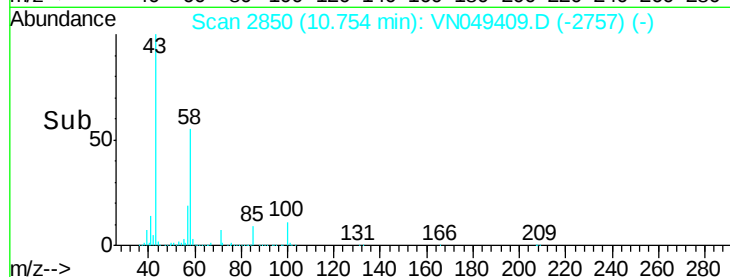
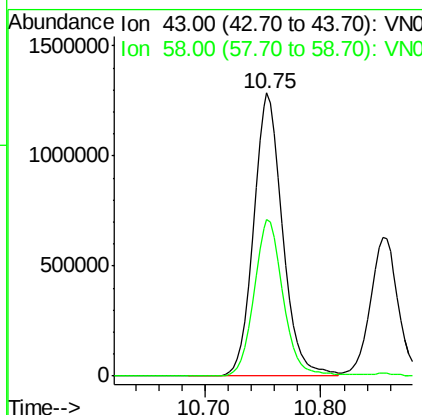
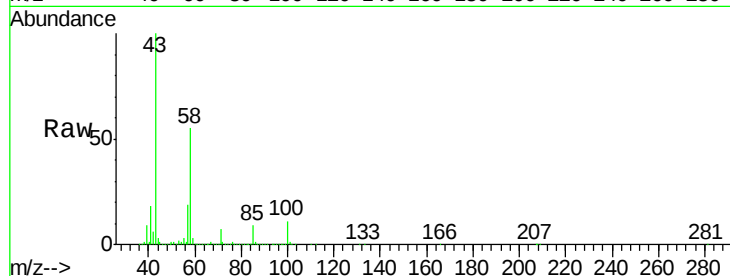




#59
2-Hexanone
Concen: 252.39 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049409.D
Acq: 20 Jun 2018 1:56

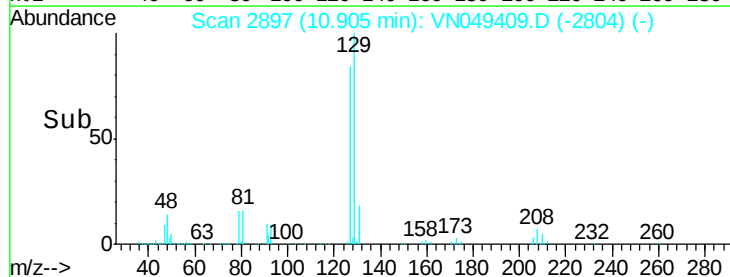
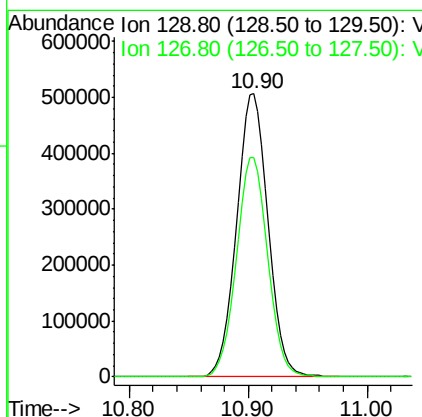
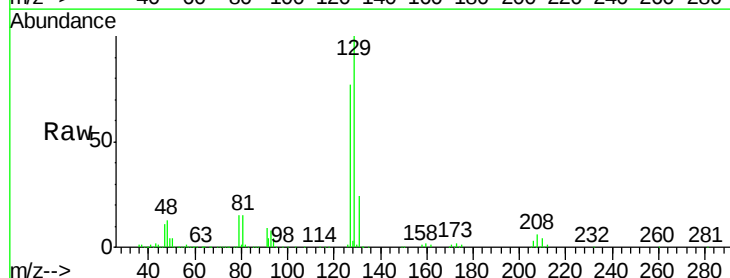
Instrument :
MSVOA_N
ClientSampleId :

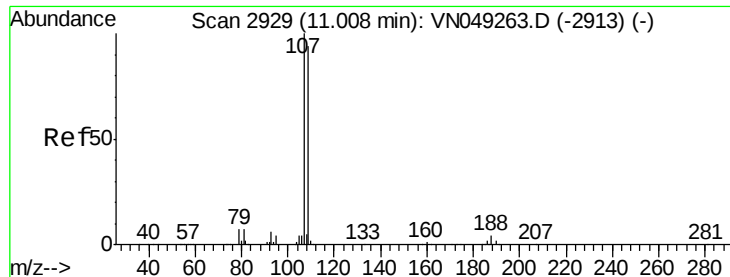
Tot Ion: 43 Resp: 2240982
Ion Ratio Lower Upper
43 100
58 55.7 25.2 75.6



#60
Dibromochloromethane
Concen: 48.90 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. -0.00 min
Lab File: VN049409.D
Acq: 20 Jun 2018 1:56

Tgt Ion: 129 Resp: 926219
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.2





#61

1,2-Dibromoethane

Concen: 49.79 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. -0.00 min

Lab File: VN049409.D

Acq: 20 Jun 2018 1:56

Instrument :

MSVOA_N

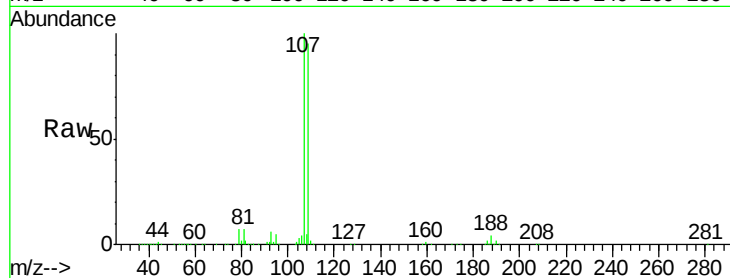
ClientSampleId :

Tot Ion: 107 Resp: 785419

Ion Ratio Lower Upper

107 100

109 94.1 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.01

400000

300000

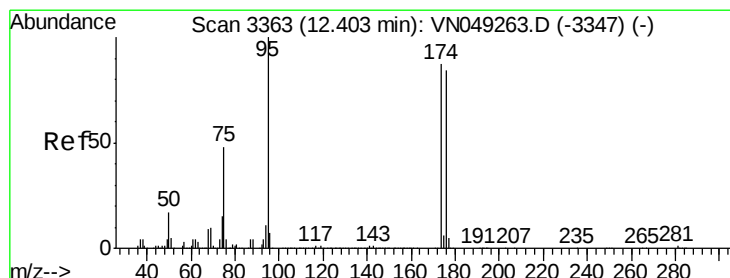
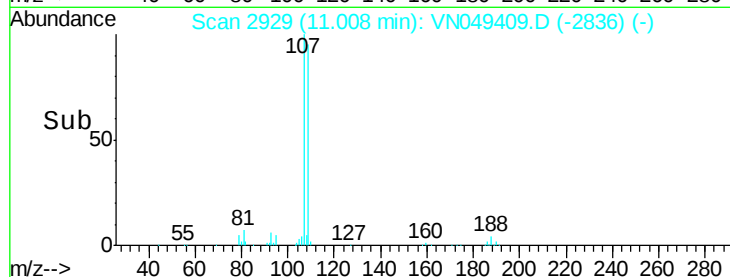
200000

100000

0

Time-->

10.90 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 45.67 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049409.D

Acq: 20 Jun 2018 1:56

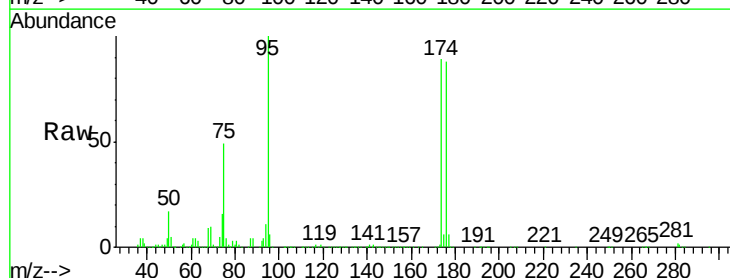
Tgt Ion: 95 Resp: 1026846

Ion Ratio Lower Upper

95 100

174 89.1 0.0 165.6

176 86.8 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

800000

600000

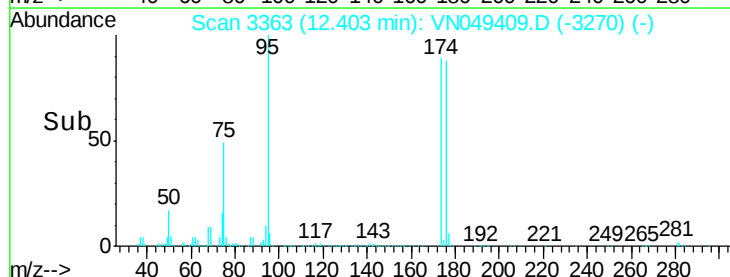
400000

200000

0

Time-->

12.30 12.40 12.50





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049409.D

Acq: 20 Jun 2018 1:56

Instrument :

MSVOA_N

ClientSampled :

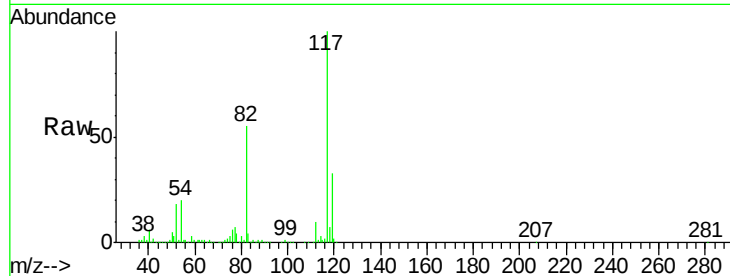
Tot Ion:117 Resp: 2003130

Ion Ratio Lower Upper

117 100

82 54.9 45.9 68.9

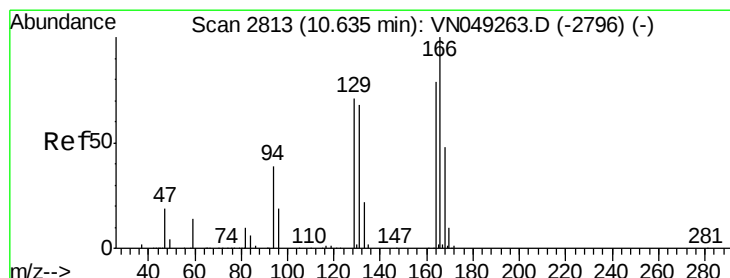
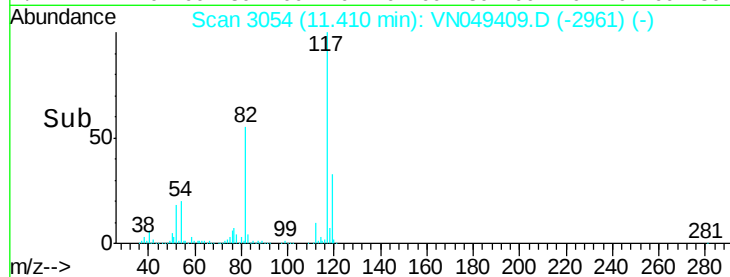
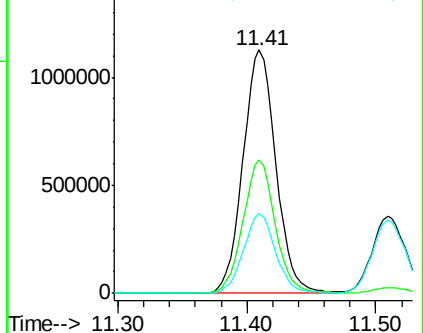
119 32.5 25.5 38.3



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: 51.37 ug/l

RT: 10.63 min Scan# 2812

Delta R.T. -0.00 min

Lab File: VN049409.D

Acq: 20 Jun 2018 1:56

Tgt Ion:164 Resp: 1054368

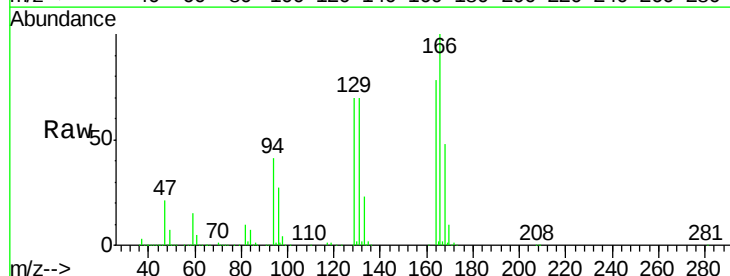
Ion Ratio Lower Upper

164 100

166 128.2 101.4 152.2

129 90.4 74.1 111.1

131 89.6 73.7 110.5

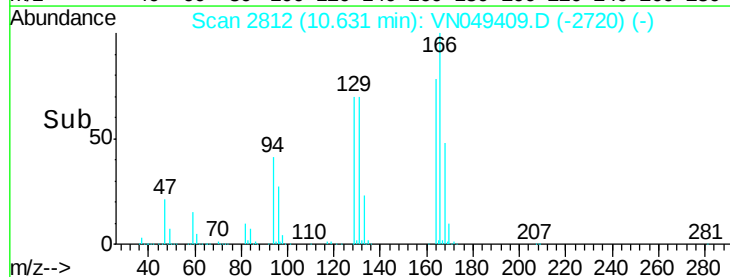
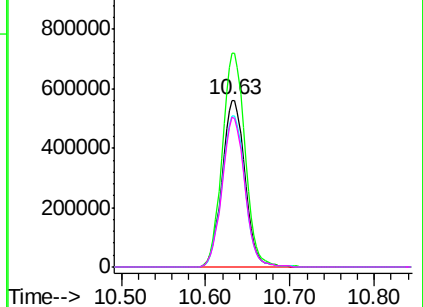


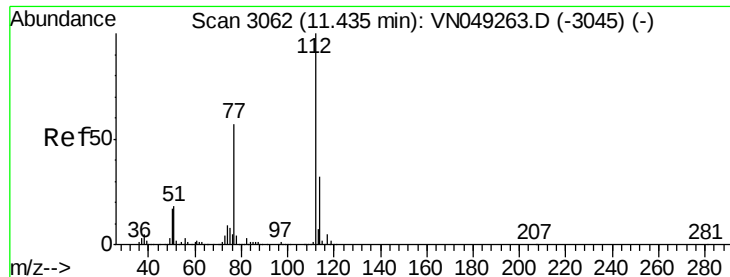
Abundance Ion 163.80 (163.50 to 164.50): V

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

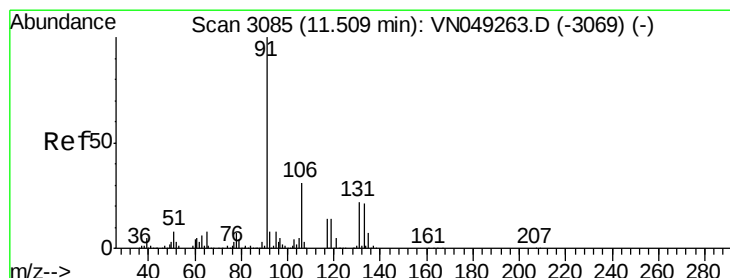
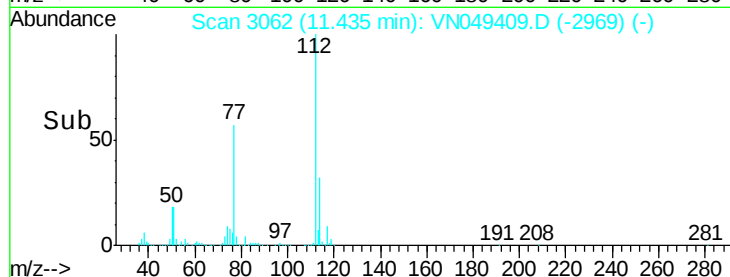
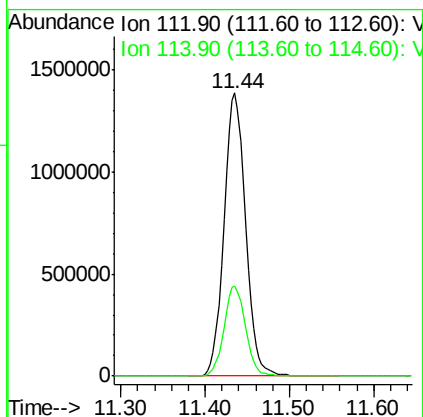
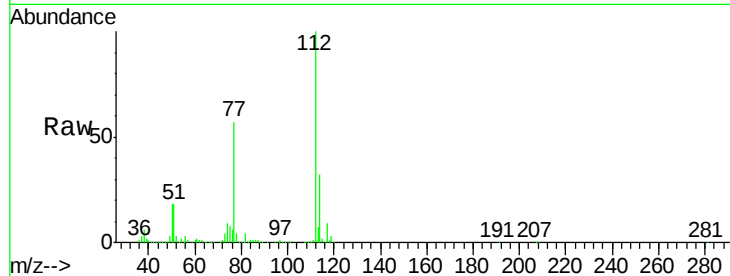




#65
Chlorobenzene
Concen: 47.60 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN049409.D
Acq: 20 Jun 2018 1:56

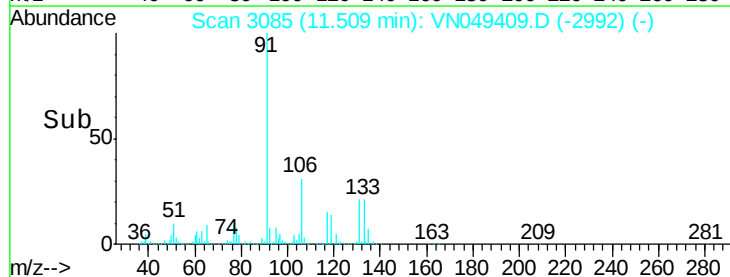
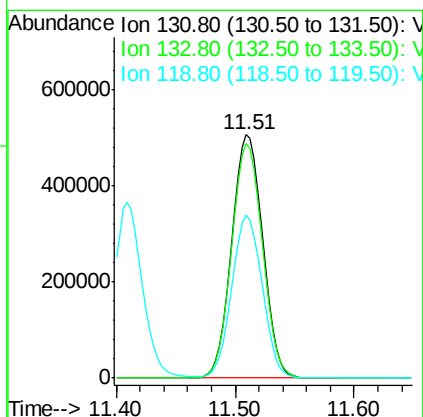
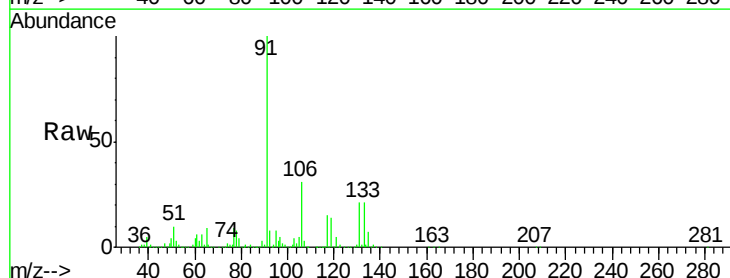
Instrument :
MSVOA_N
ClientSampleId :

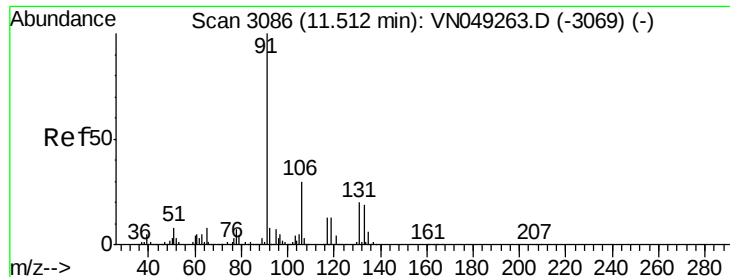
Tot Ion:112 Resp: 2456355
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 47.17 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VN049409.D
Acq: 20 Jun 2018 1:56

Tgt Ion:131 Resp: 915898
Ion Ratio Lower Upper
131 100
133 96.1 48.0 144.2
119 65.9 33.6 100.8

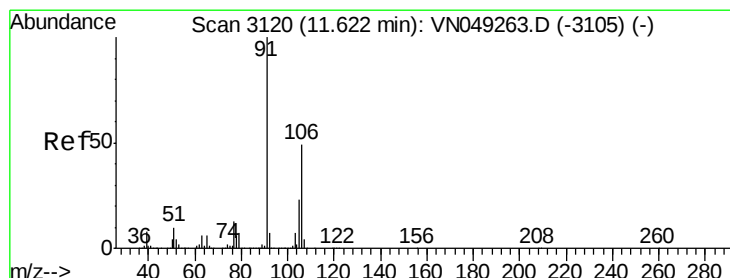
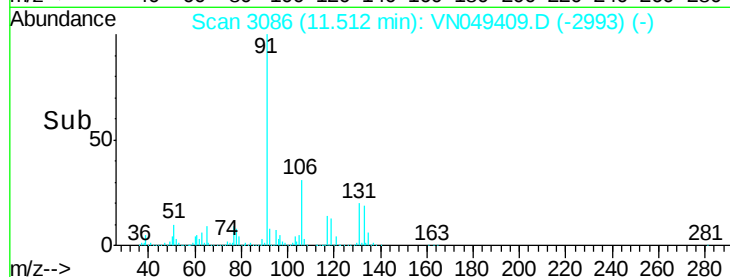
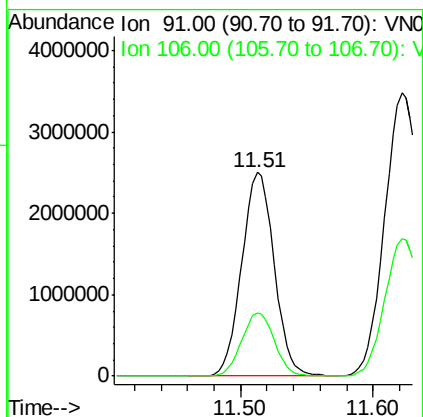
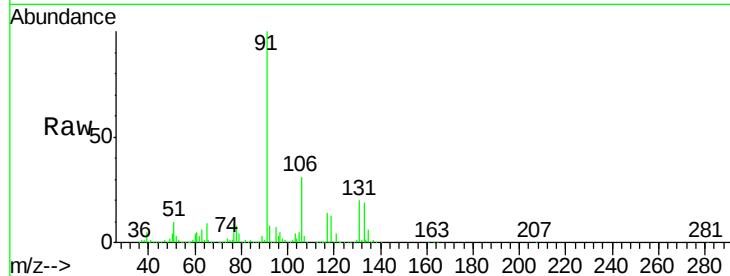




#67
Ethyl Benzene
Concen: 49.83 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049409.D
Acq: 20 Jun 2018 1:56

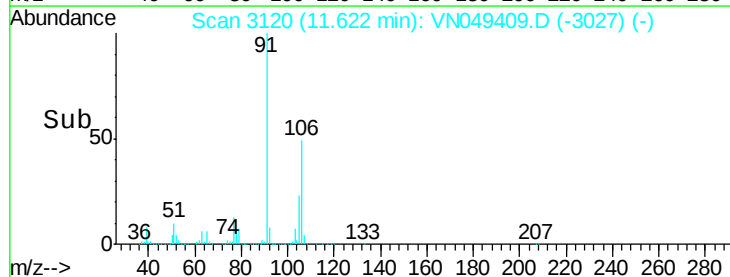
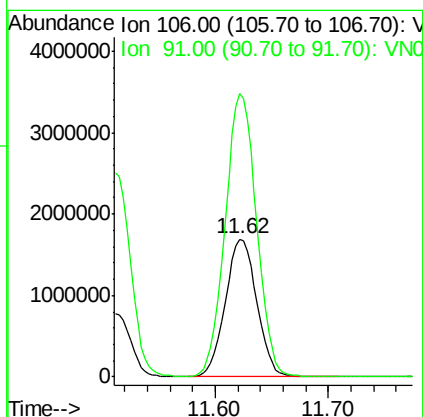
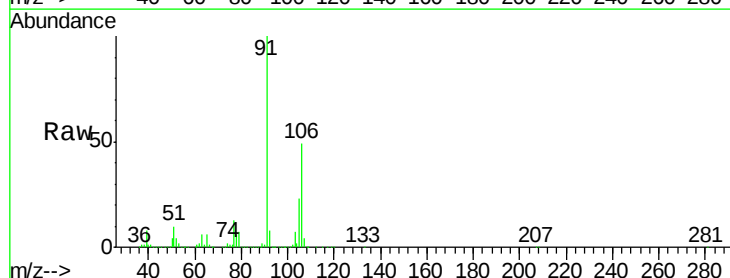
Instrument :
MSVOA_N
ClientSampled :

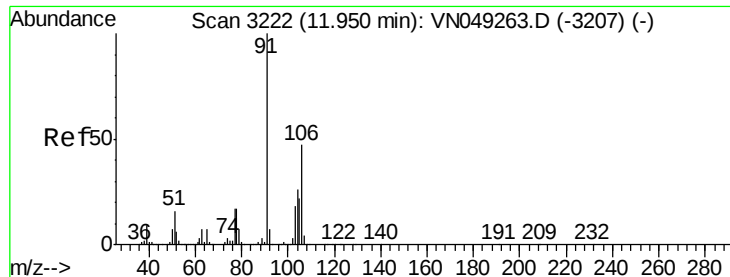
Tot Ion: 91 Resp: 4264734
Ion Ratio Lower Upper
91 100
106 31.3 23.9 35.9



#68
m/p-Xylenes
Concen: 102.09 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN049409.D
Acq: 20 Jun 2018 1:56

Tgt Ion: 106 Resp: 3279176
Ion Ratio Lower Upper
106 100
91 204.5 167.3 250.9





#69

o-Xylene

Concen: 50.87 ug/l

RT: 11.95 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN049409.D

Acq: 20 Jun 2018 1:56

Instrument :

MSVOA_N

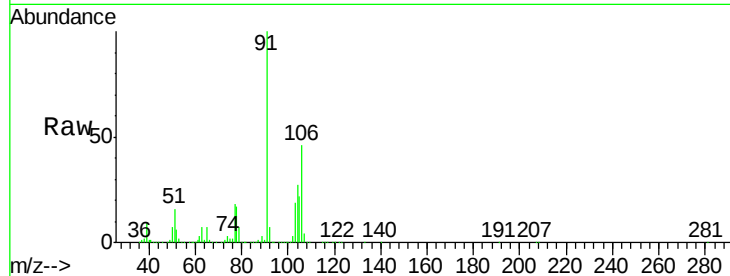
ClientSampled :

Tot Ion:106 Resp: 1573990

Ion Ratio Lower Upper

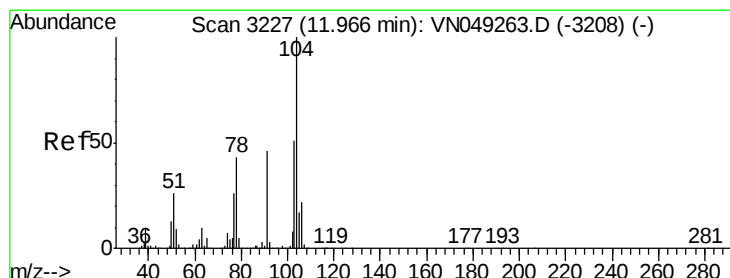
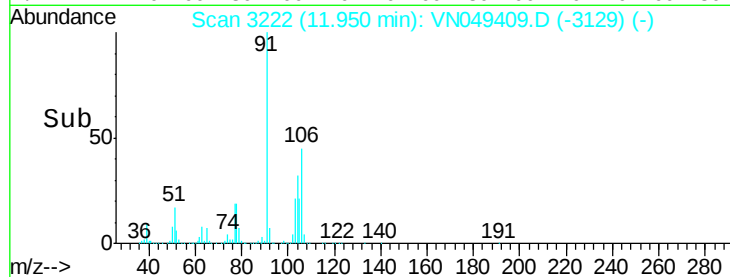
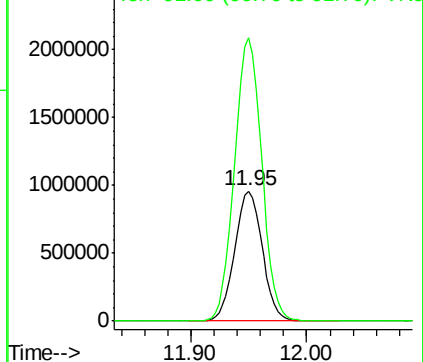
106 100

91 215.7 111.0 333.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#70

Styrene

Concen: 52.95 ug/l

RT: 11.97 min Scan# 3227

Delta R.T. -0.00 min

Lab File: VN049409.D

Acq: 20 Jun 2018 1:56

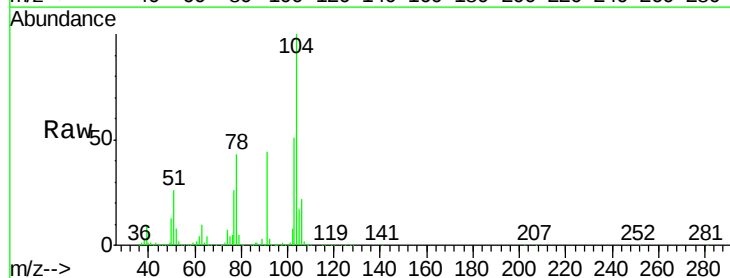
Tgt Ion:104 Resp: 2584701

Ion Ratio Lower Upper

104 100

78 48.9 41.6 62.4

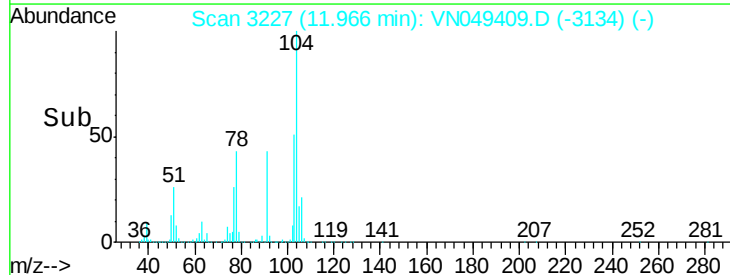
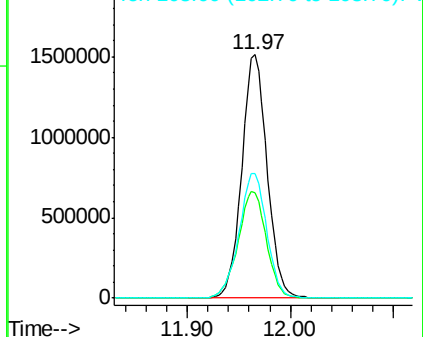
103 56.0 45.4 68.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 49.54 ug/l

RT: 12.13 min Scan# 3278

Delta R.T. 0.00 min

Lab File: VN049409.D

Acq: 20 Jun 2018 1:56

Instrument :

MSVOA_N

ClientSampleId :

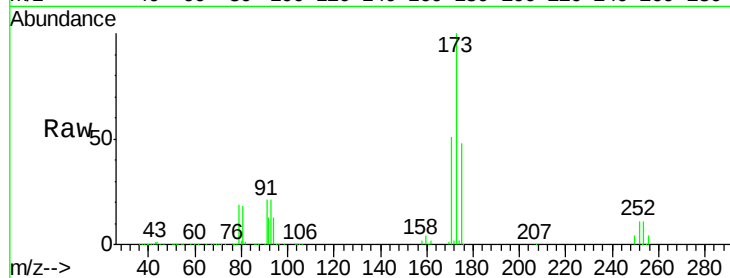
Tot Ion:173 Resp: 622769

Ion Ratio Lower Upper

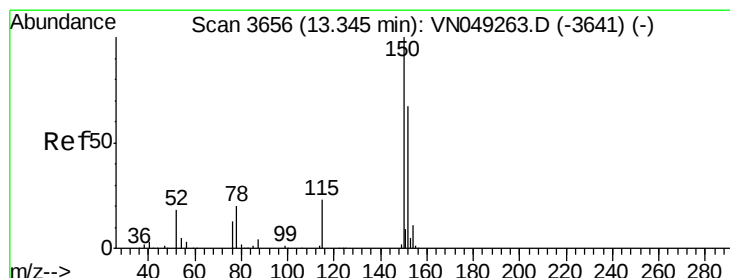
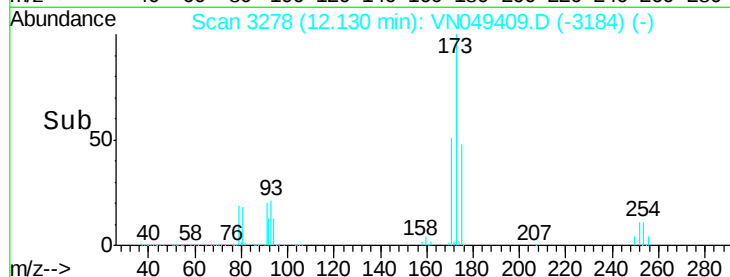
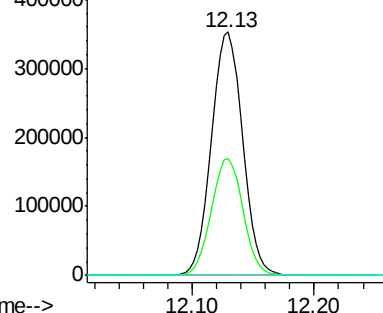
173 100

175 48.6 24.5 73.5

254 0.2 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: VN049409.D

Acq: 20 Jun 2018 1:56

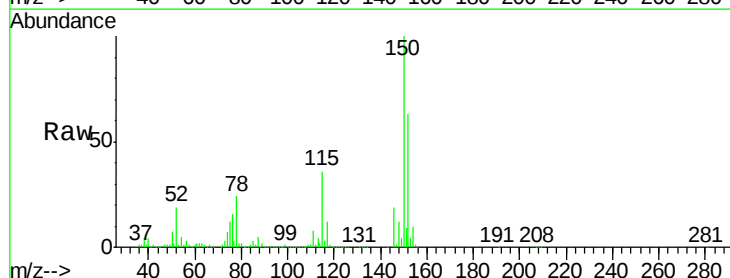
Tgt Ion:152 Resp: 1013406

Ion Ratio Lower Upper

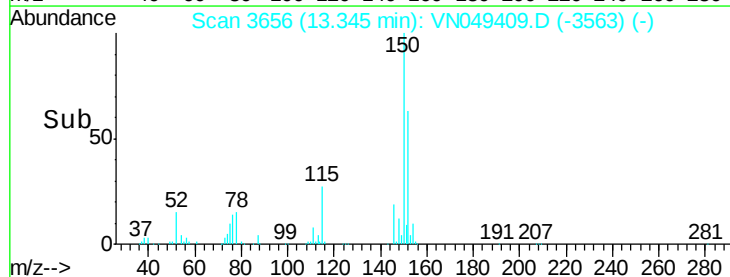
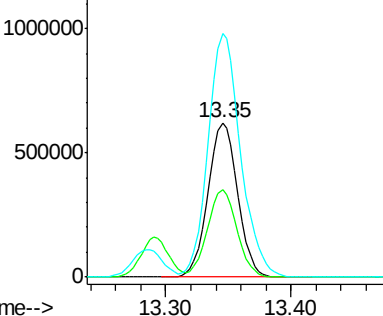
152 100

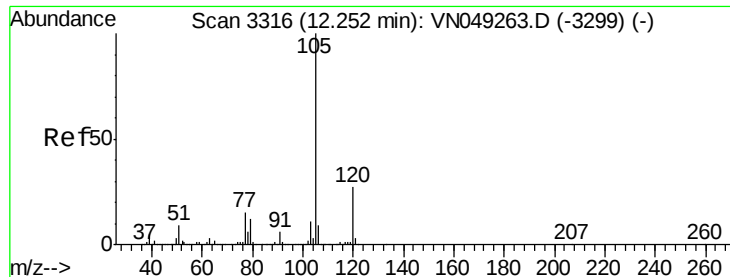
115 56.3 28.7 86.1

150 173.6 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: 47.20 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049409.D

Acq: 20 Jun 2018 1:56

Instrument :

MSVOA_N

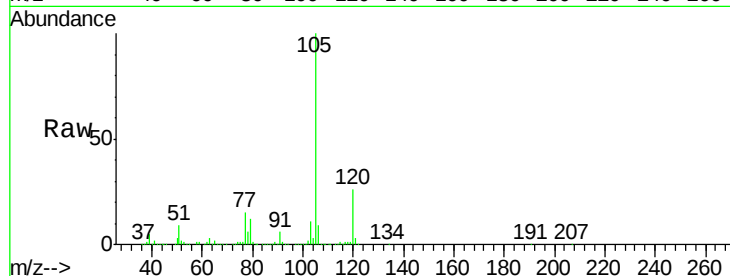
ClientSampled :

Tot Ion:105 Resp: 4200239

Ion Ratio Lower Upper

105 100

120 26.2 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

3000000

2500000

2000000

1500000

1000000

500000

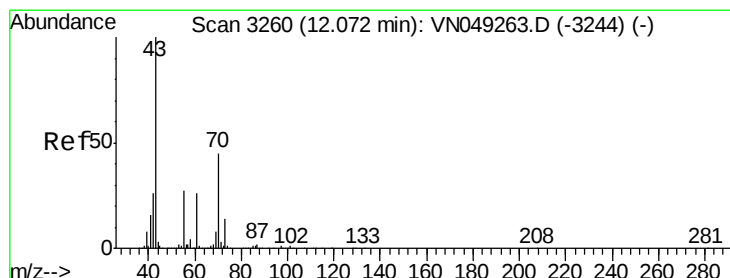
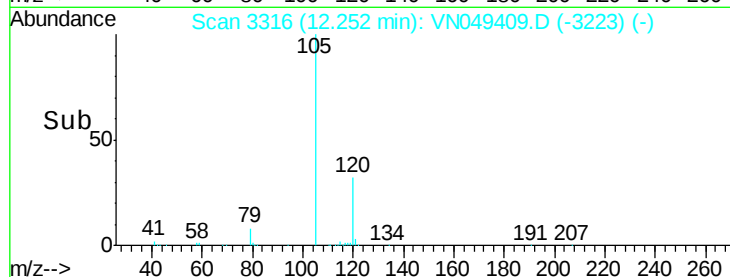
0

12.25

12.20

12.30

Time-->



#74

N-ethyl acetate

Concen: 48.95 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN049409.D

Acq: 20 Jun 2018 1:56

Tgt Ion: 43 Resp: 1066755

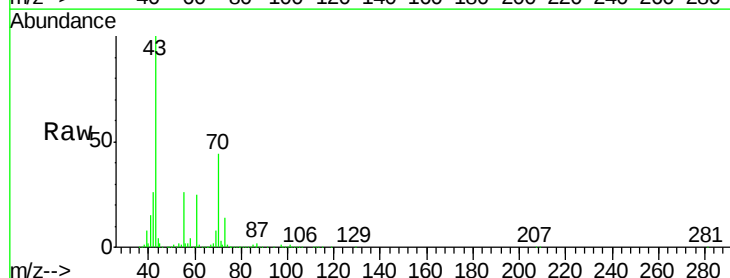
Ion Ratio Lower Upper

43 100

70 43.6 30.3 45.5

55 26.6 19.4 29.2

61 24.7 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

1000000

800000

600000

400000

200000

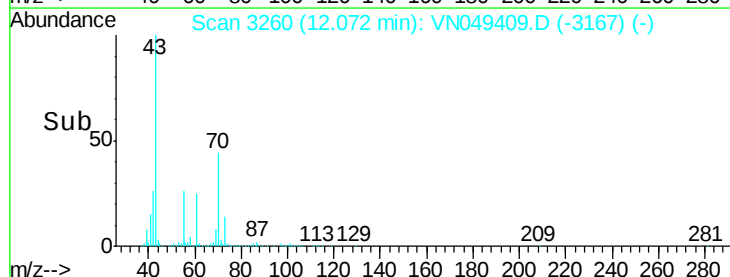
0

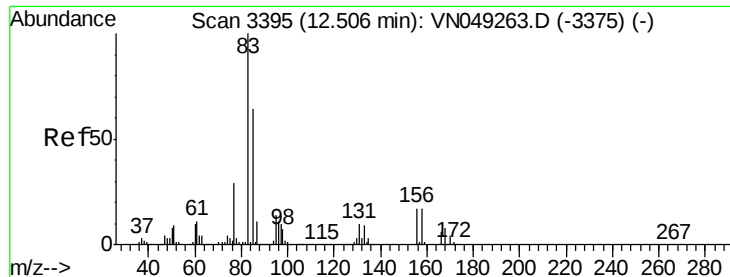
12.07

12.00

12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 50.15 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049409.D

Acq: 20 Jun 2018 1:56

Instrument :

MSVOA_N

ClientSampleId :

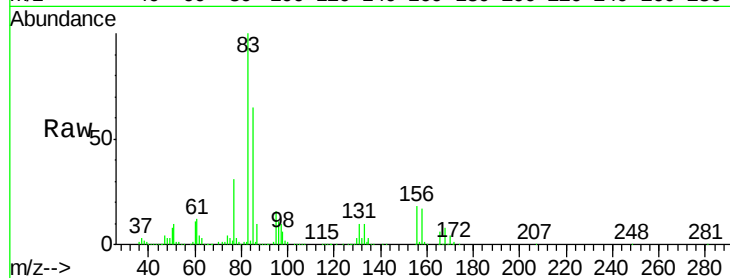
Tot Ion: 83 Resp: 917815

Ion Ratio Lower Upper

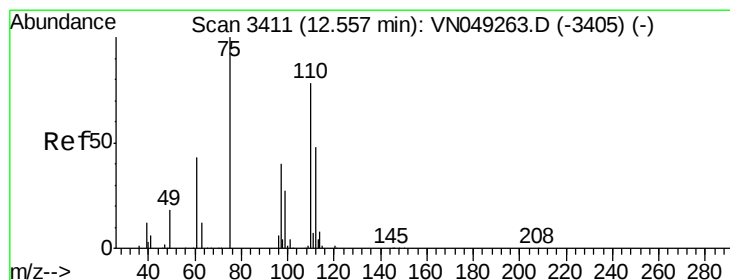
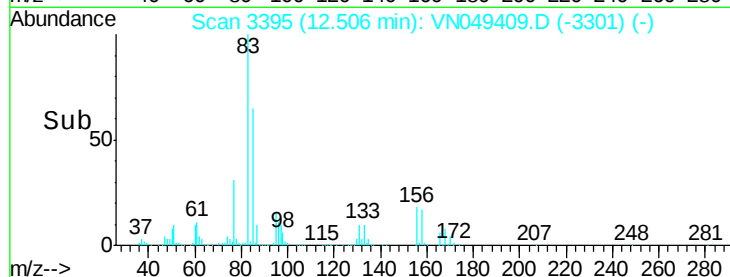
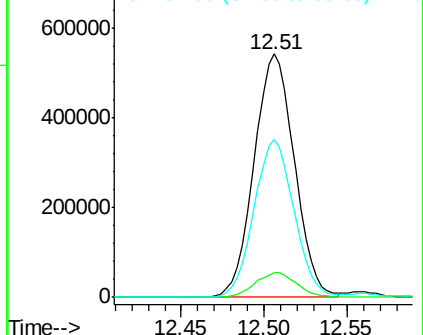
83 100

131 10.5 5.0 15.0

85 64.0 32.0 96.0



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



#76

1,2,3-Trichloropropane

Concen: 66.88 ug/l

RT: 12.56 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN049409.D

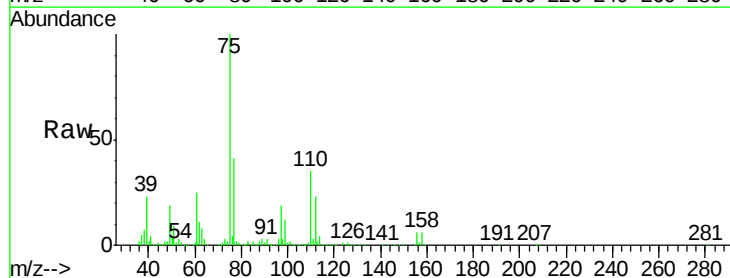
Acq: 20 Jun 2018 1:56

Tgt Ion: 75 Resp: 1156497

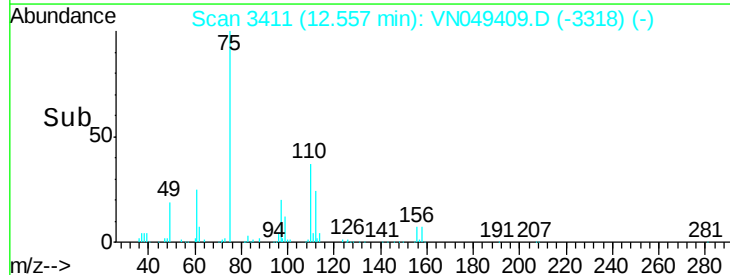
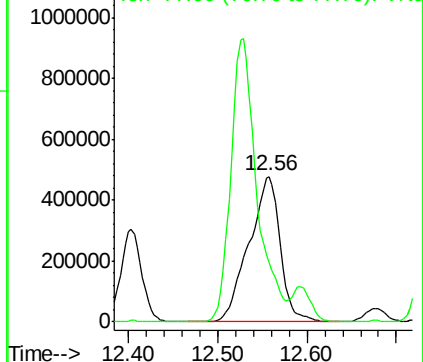
Ion Ratio Lower Upper

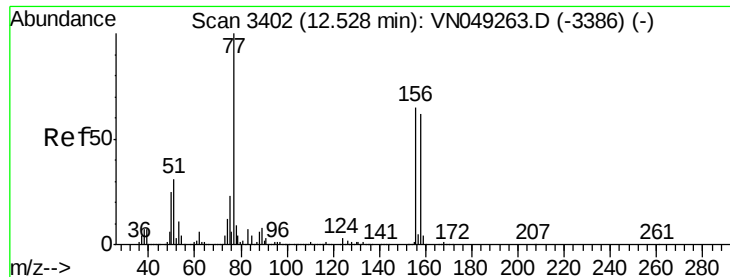
75 100

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: 44.79 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049409.D

Acq: 20 Jun 2018 1:56

Instrument :

MSVOA_N

ClientSampled :

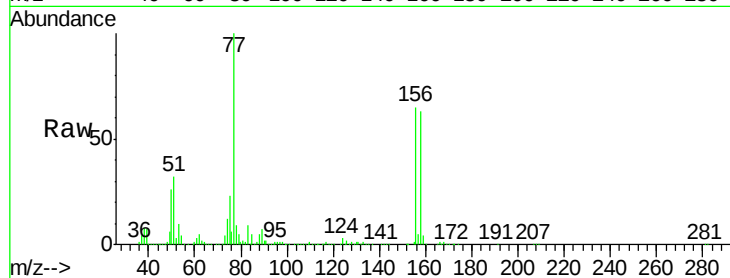
Tot Ion:156 Resp: 1052695

Ion Ratio Lower Upper

156 100

77 179.0 100.8 302.4

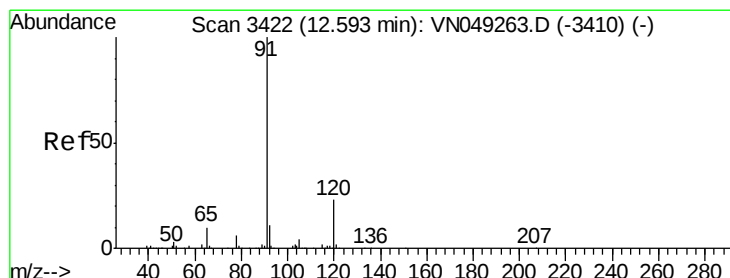
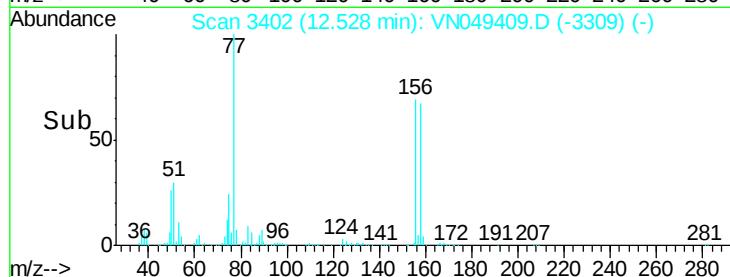
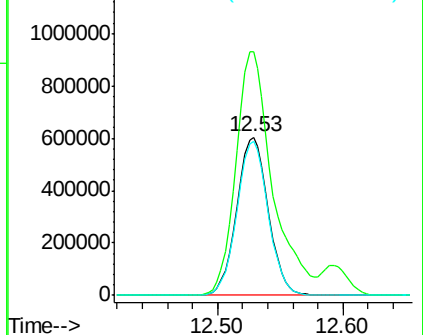
158 96.7 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.30 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN049409.D

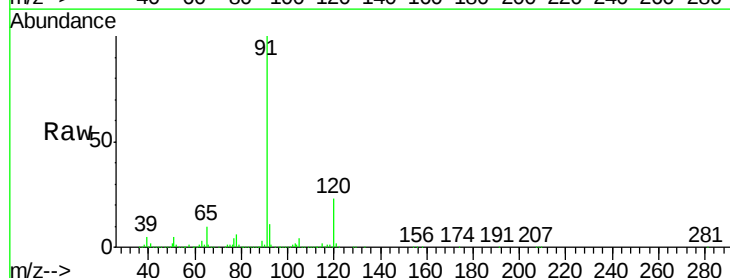
Acq: 20 Jun 2018 1:56

Tgt Ion: 91 Resp: 4718516

Ion Ratio Lower Upper

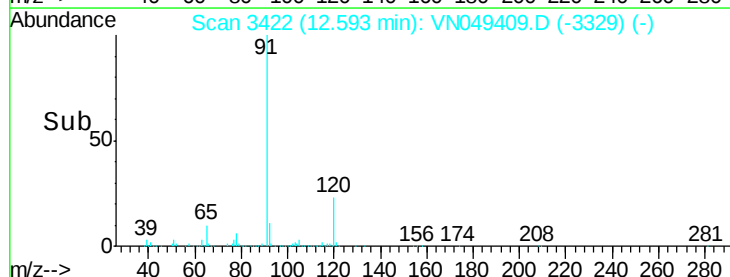
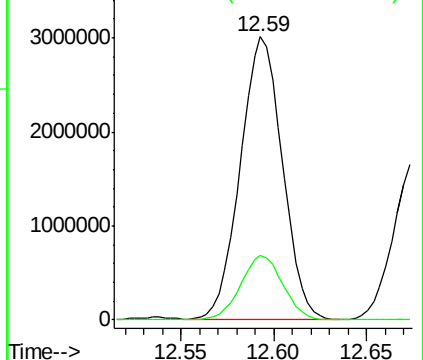
91 100

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: 46.11 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. -0.00 min

Lab File: VN049409.D

Acq: 20 Jun 2018 1:56

Instrument :

MSVOA_N

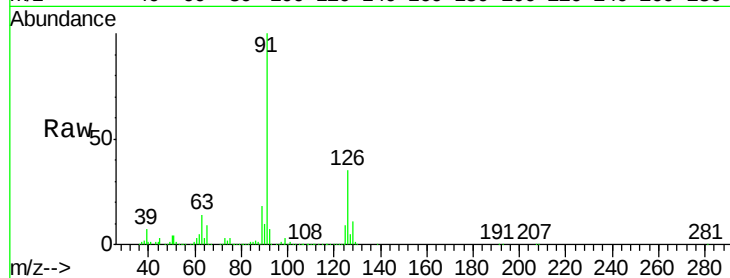
ClientSampleId :

Tot Ion: 91 Resp: 2854379

Ion Ratio Lower Upper

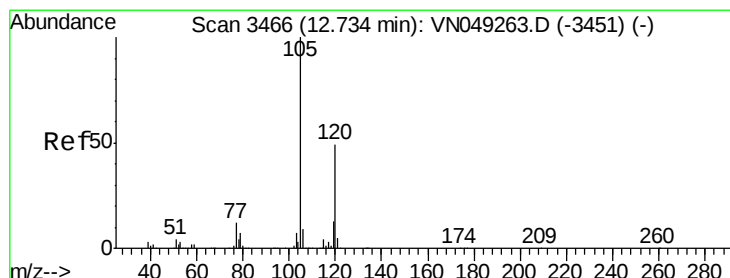
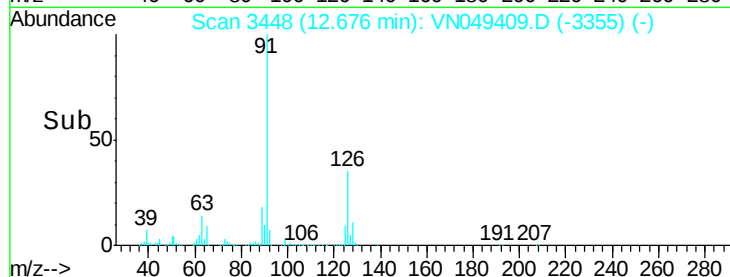
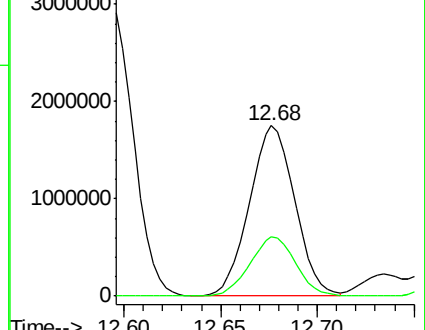
91 100

126 35.1 16.6 49.8



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

Ion 125.90 (125.60 to 126.60): VN049263.D (-3436) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.99 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN049409.D

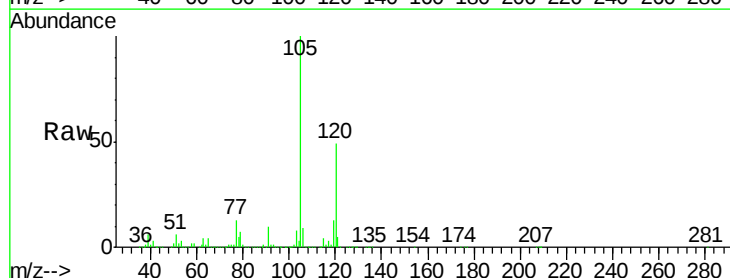
Acq: 20 Jun 2018 1:56

Tgt Ion:105 Resp: 3426238

Ion Ratio Lower Upper

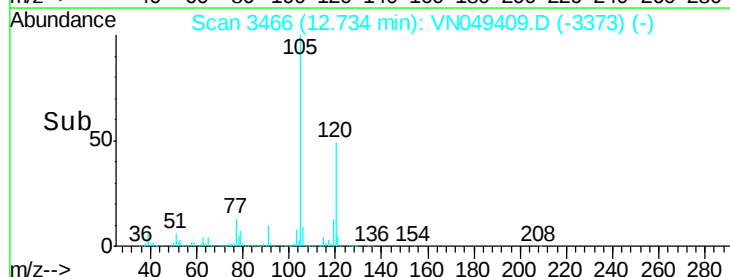
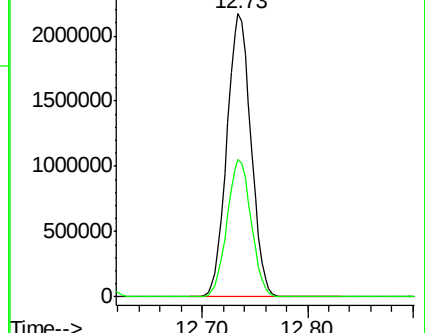
105 100

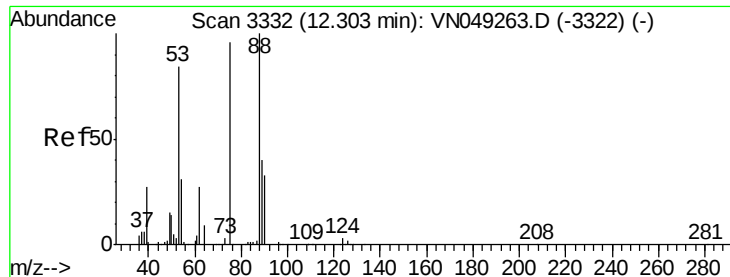
120 48.4 23.5 70.5



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

Ion 120.00 (119.70 to 120.70): VN049263.D (-3451) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 42.94 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. -0.00 min

Lab File: VN049409.D

Acq: 20 Jun 2018 1:56

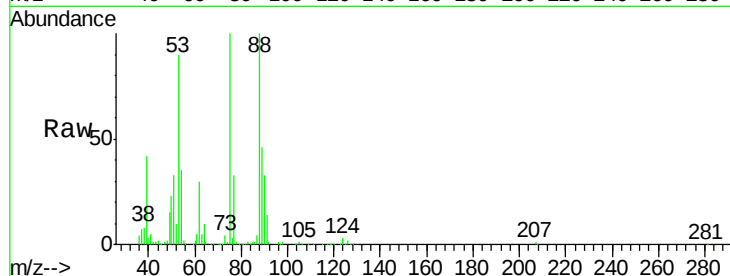
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 75 Resp: 234897

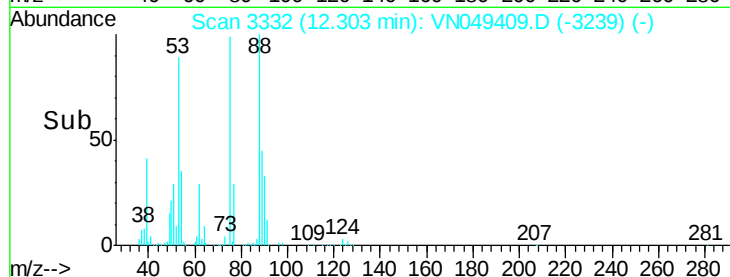
Ion	Ratio	Lower	Upper
75	100		
53	91.3	82.7	124.1
89	45.1	36.5	54.7



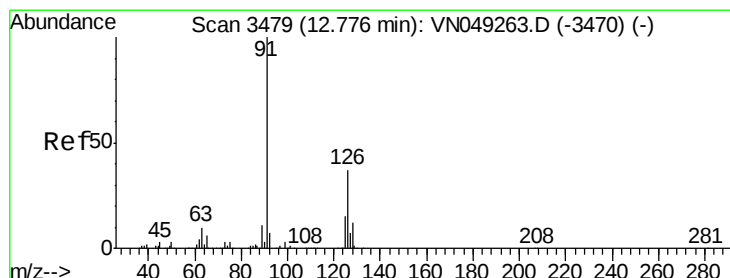
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



Time-->



#82

4-Chlorotoluene

Concen: 47.79 ug/l

RT: 12.78 min Scan# 3479

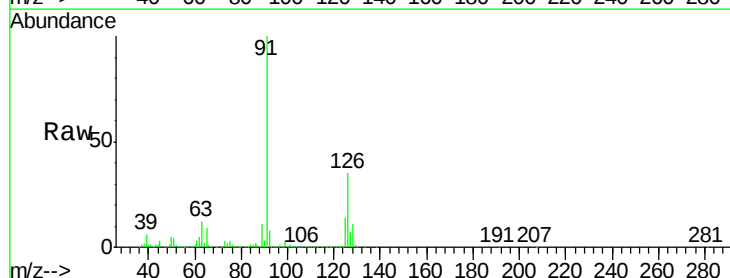
Delta R.T. -0.00 min

Lab File: VN049409.D

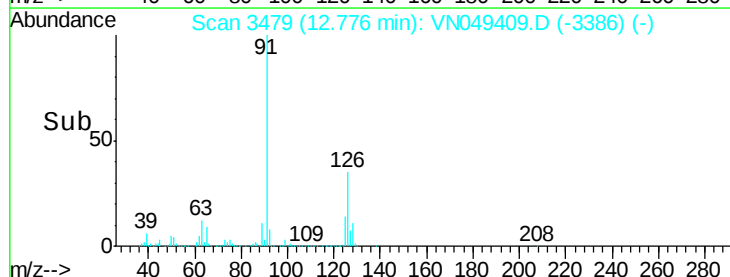
Acq: 20 Jun 2018 1:56

Tgt Ion: 91 Resp: 2854046

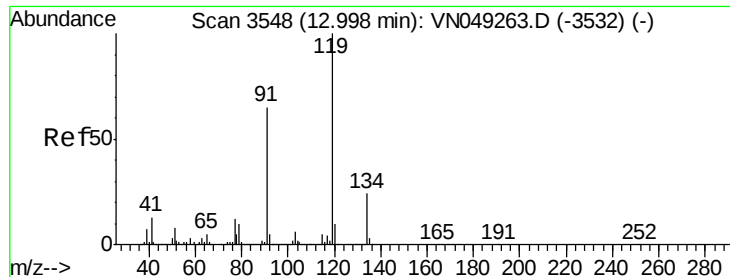
Ion	Ratio	Lower	Upper
91	100		
126	34.2	16.4	49.1



Abundance Ion 91.00 (90.70 to 91.70): VN0



Time-->



#83

tert-Butylbenzene

Concen: 46.18 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN049409.D

Acq: 20 Jun 2018 1:56

Instrument :

MSVOA_N

ClientSampled :

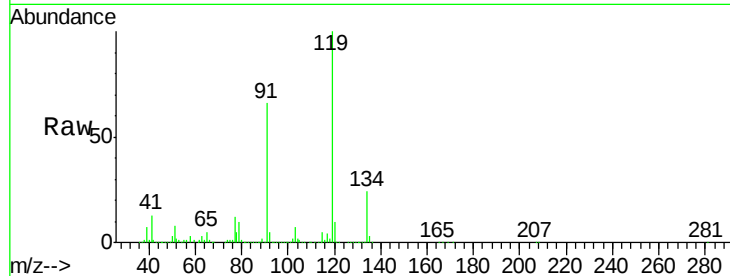
Tot Ion:119 Resp: 2861334

Ion Ratio Lower Upper

119 100

91 65.0 33.7 101.0

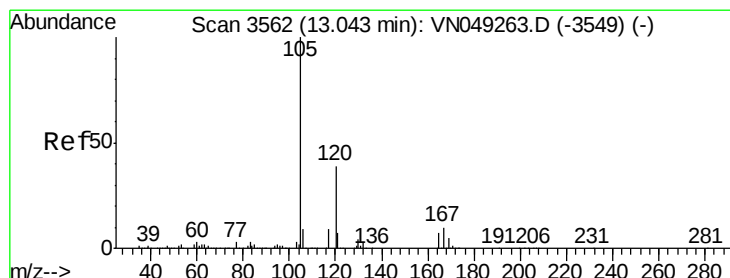
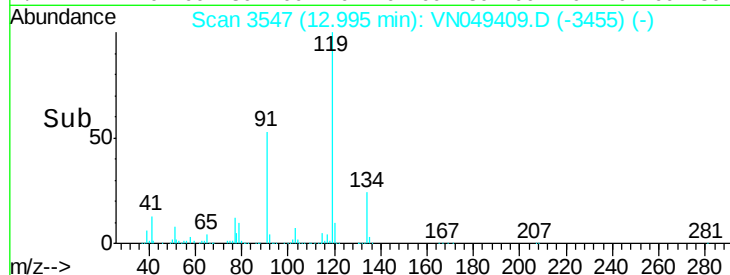
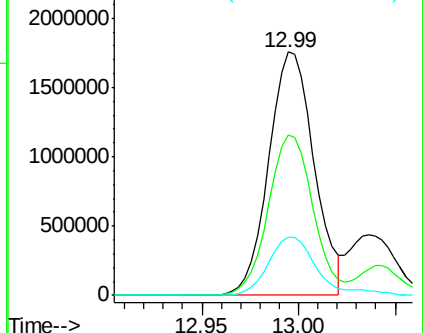
134 25.8 12.9 38.6



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: 49.82 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049409.D

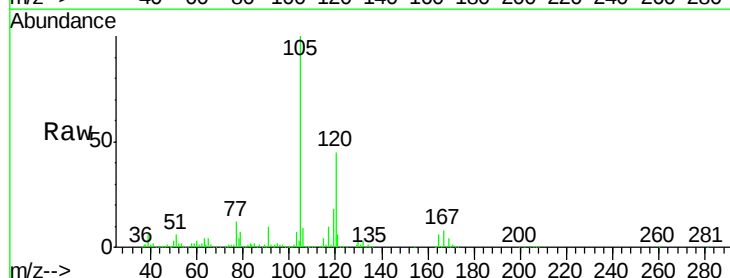
Acq: 20 Jun 2018 1:56

Tgt Ion:105 Resp: 3461195

Ion Ratio Lower Upper

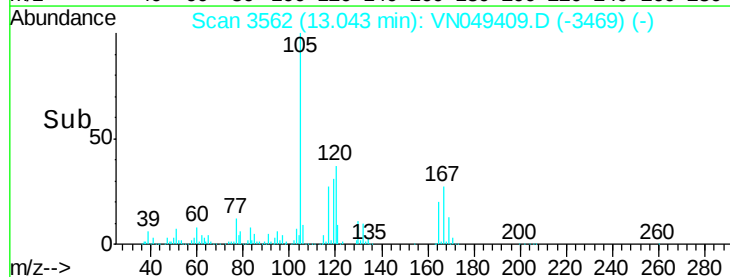
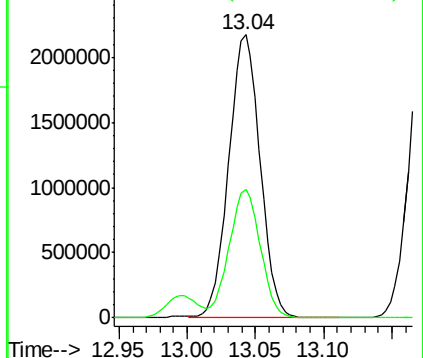
105 100

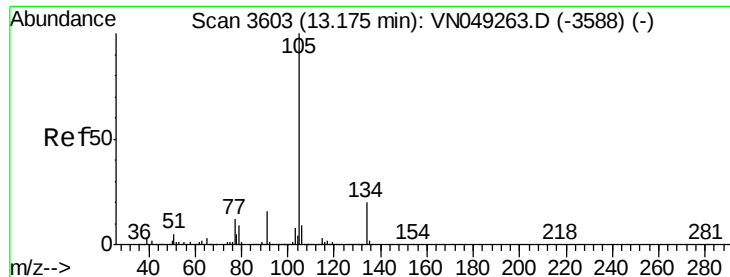
120 45.2 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 46.55 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN049409.D

Acq: 20 Jun 2018 1:56

Instrument :

MSVOA_N

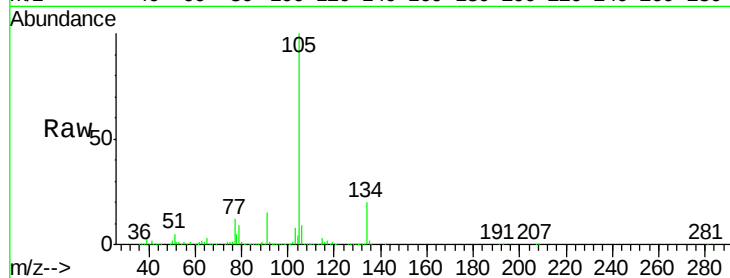
ClientSampleId :

Tot Ion:105 Resp: 3838798

Ion Ratio Lower Upper

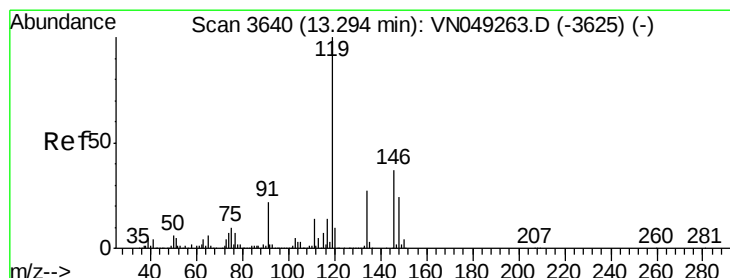
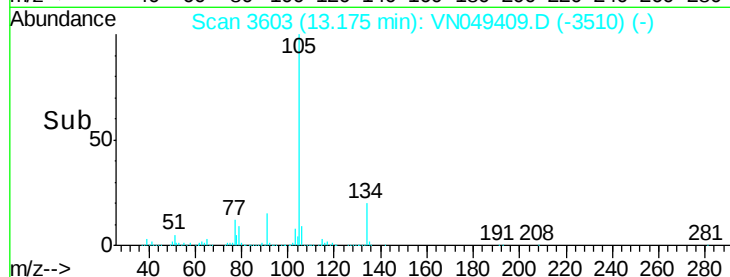
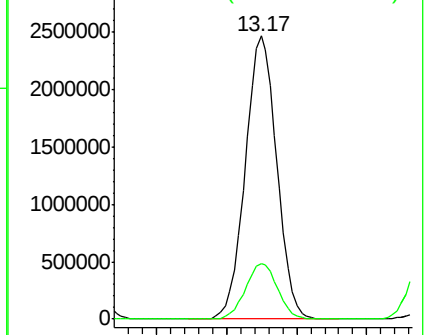
105 100

134 20.1 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: 48.08 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN049409.D

Acq: 20 Jun 2018 1:56

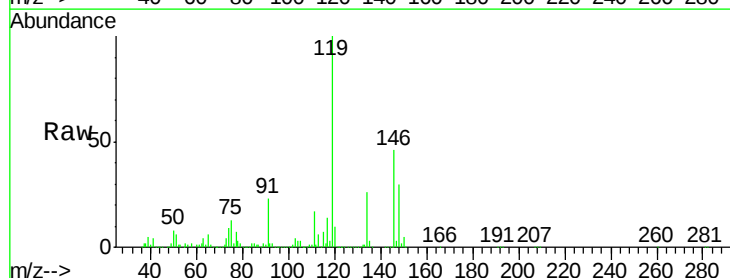
Tgt Ion:119 Resp: 3313052

Ion Ratio Lower Upper

119 100

134 26.3 12.9 38.6

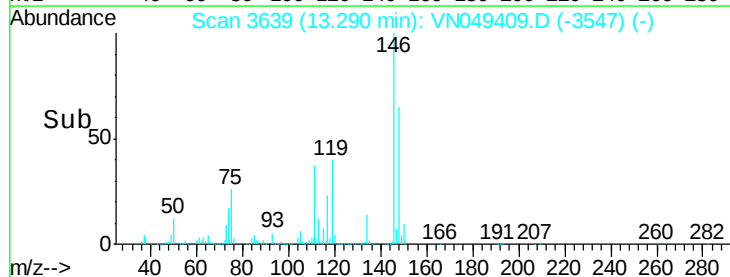
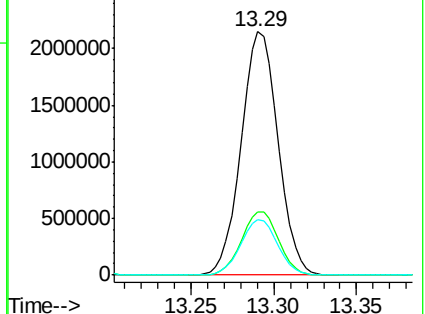
91 22.7 12.1 36.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



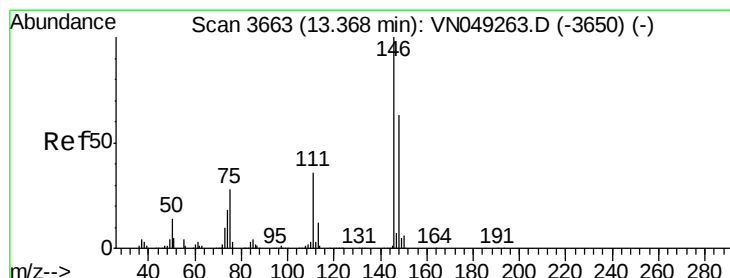
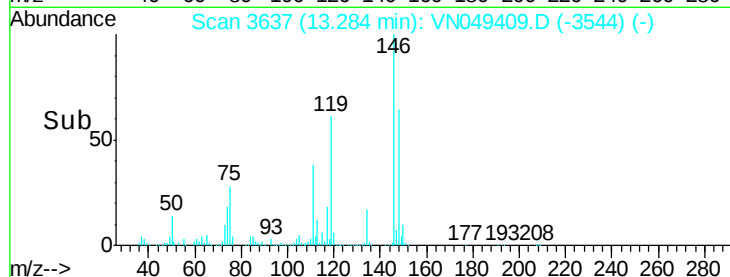
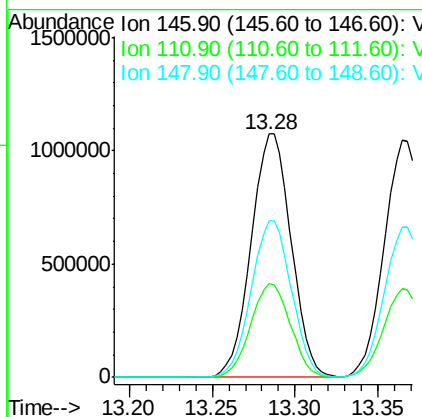
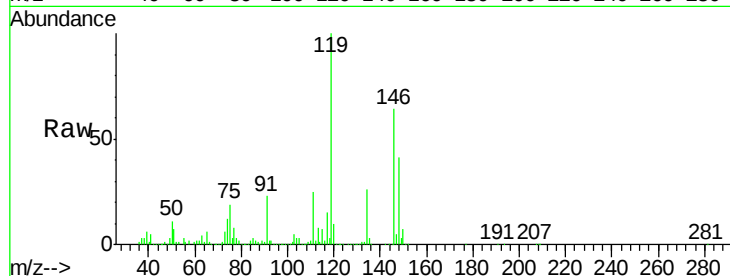


#87
 1,3-Dichlorobenzene
 Concen: 46.63 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049409.D
 Acq: 20 Jun 2018 1:56

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:146 Resp: 1803074

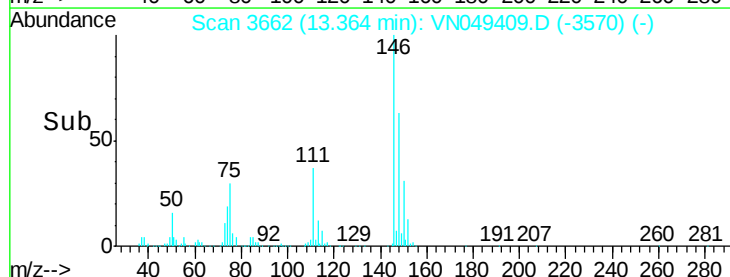
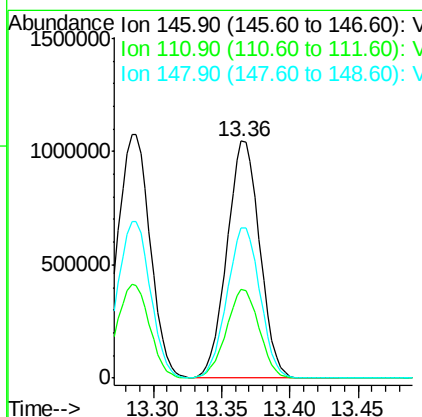
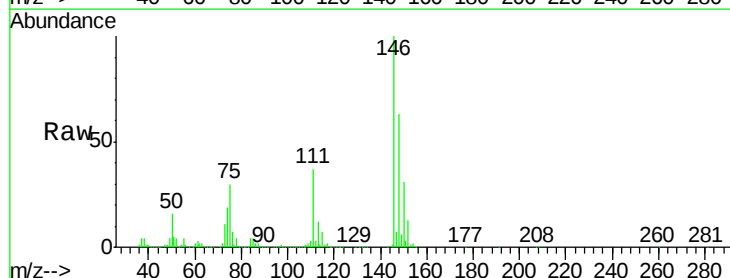
Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.9	59.6
148	64.6	32.1	96.5

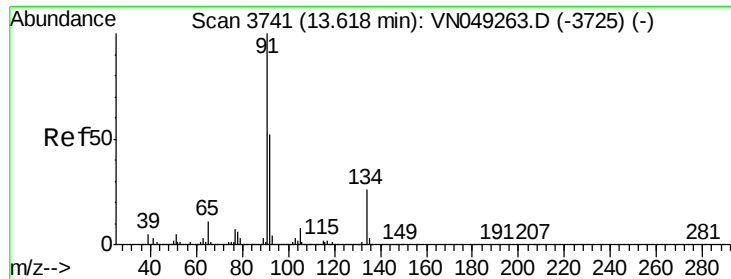


#88
 1,4-Dichlorobenzene
 Concen: 45.61 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN049409.D
 Acq: 20 Jun 2018 1:56

Tgt Ion:146 Resp: 1747712

Ion	Ratio	Lower	Upper
146	100		
111	37.3	19.1	57.1
148	64.0	32.0	96.2

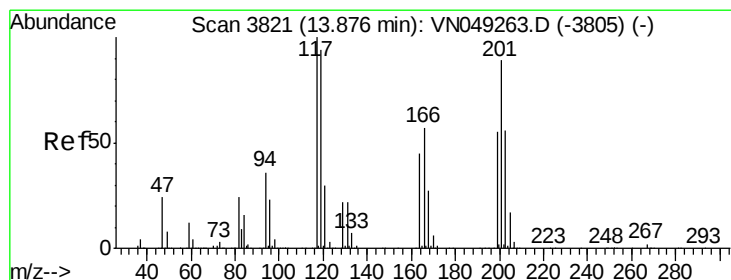
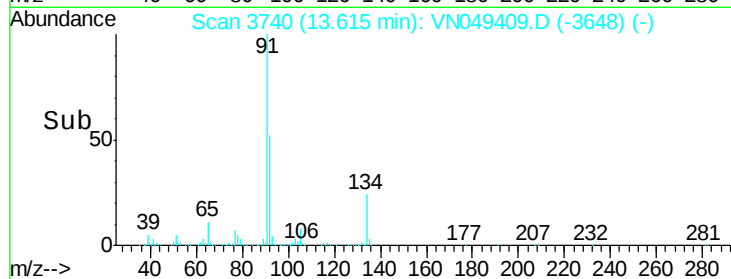
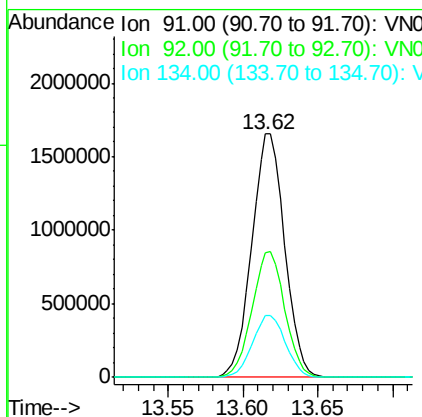
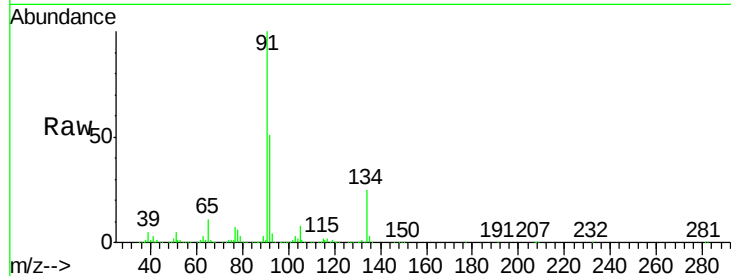




#89
n-Butylbenzene
Concen: 46.94 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN049409.D
Acq: 20 Jun 2018 1:56

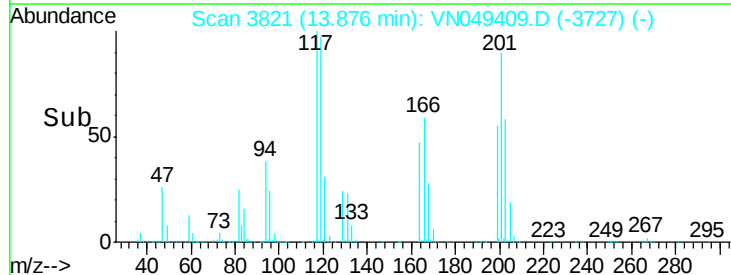
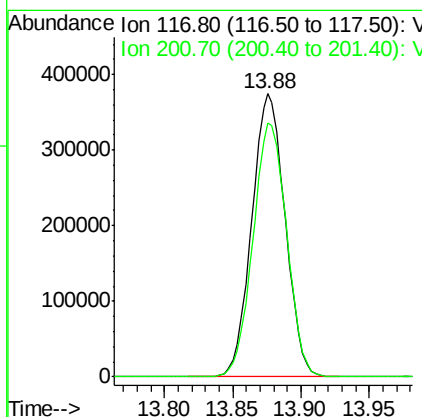
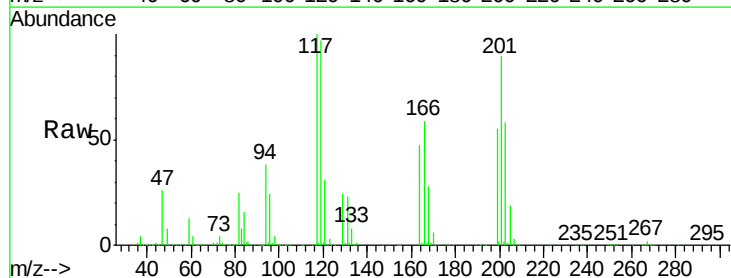
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 91 Resp: 2526206
Ion Ratio Lower Upper
91 100
92 51.3 25.1 75.4
134 25.6 12.0 36.0



#90
Hexachloroethane
Concen: 48.60 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049409.D
Acq: 20 Jun 2018 1:56

Tgt Ion: 117 Resp: 634390
Ion Ratio Lower Upper
117 100
201 90.6 40.1 120.2

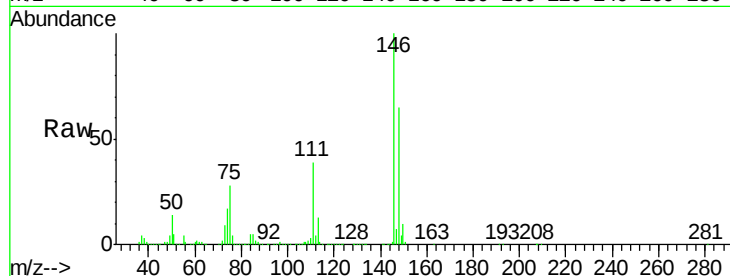




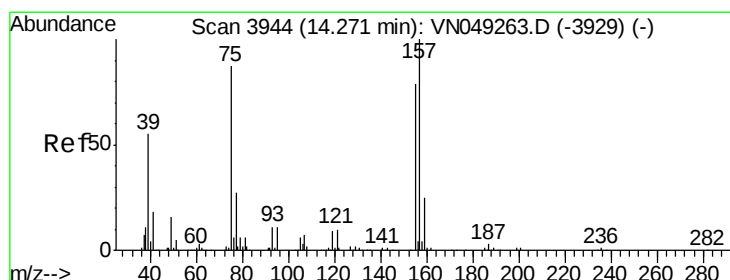
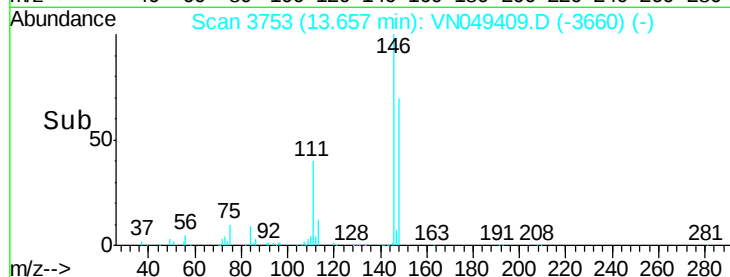
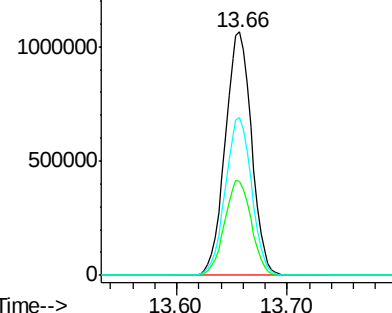
#91
 1,2-Dichlorobenzene
 Concen: 46.32 ug/l
 RT: 13.66 min Scan# 3753
 Delta R.T. -0.00 min
 Lab File: VN049409.D
 Acq: 20 Jun 2018 1:56

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:146 Resp: 1756621
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.8 62.2
 148 64.7 32.0 96.2

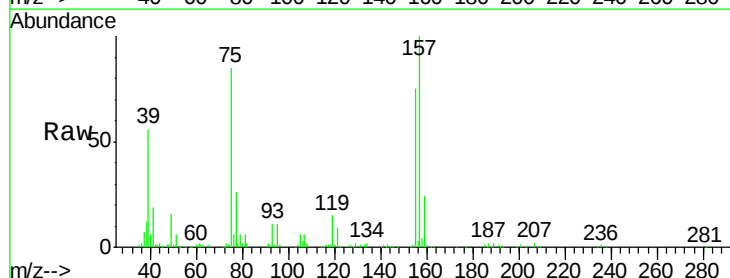


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

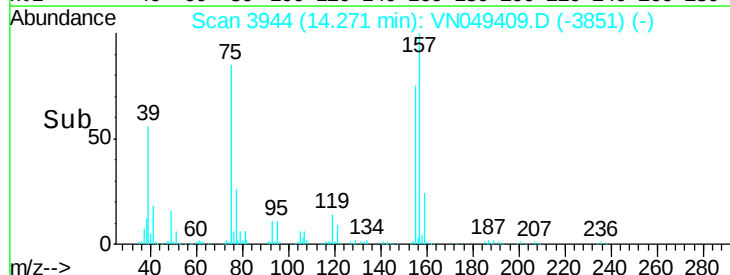
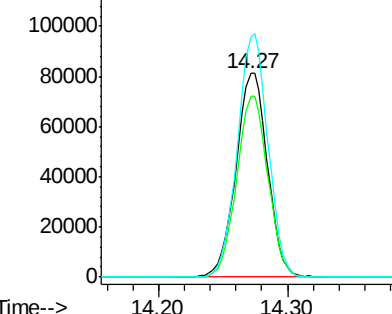


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.96 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. -0.00 min
 Lab File: VN049409.D
 Acq: 20 Jun 2018 1:56

Tgt Ion: 75 Resp: 139282
 Ion Ratio Lower Upper
 75 100
 155 87.7 38.8 116.3
 157 115.1 51.0 153.1



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

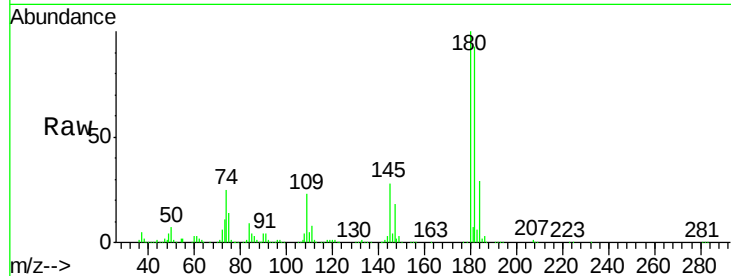




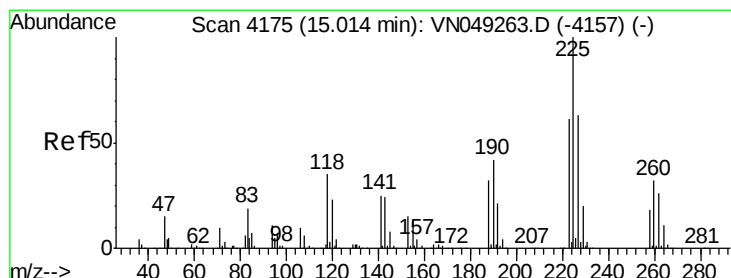
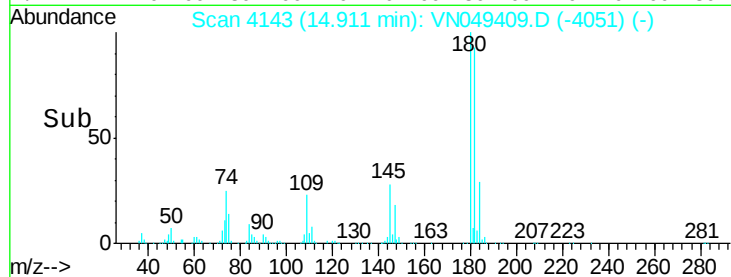
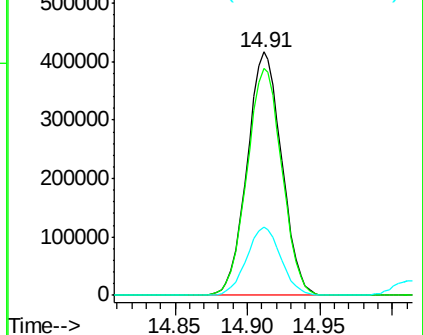
#93
 1,2,4-Trichlorobenzene
 Concen: 40.70 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049409.D
 Acq: 20 Jun 2018 1:56

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 690524
 Ion Ratio Lower Upper
 180 100
 182 94.3 46.9 140.8
 145 28.0 14.7 44.1

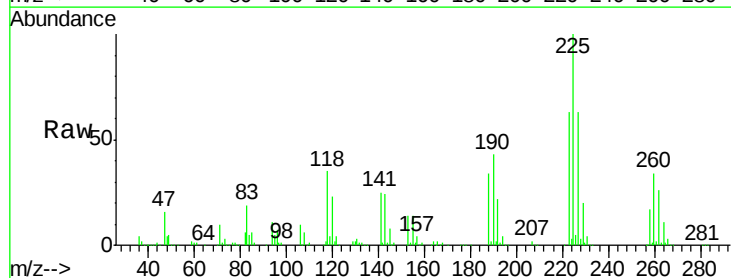


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

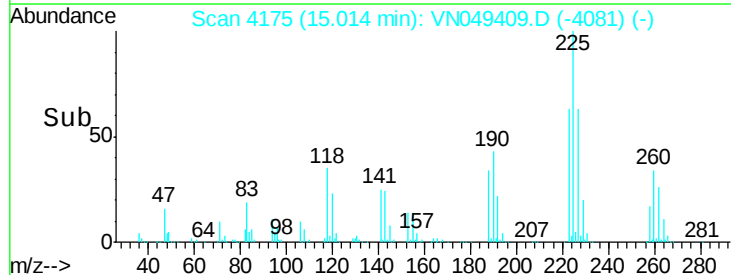
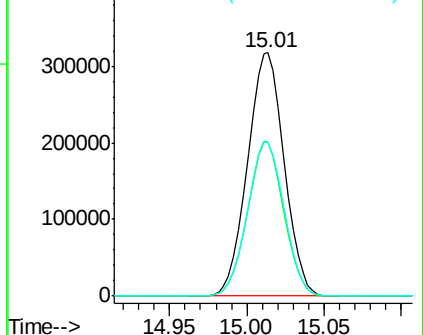


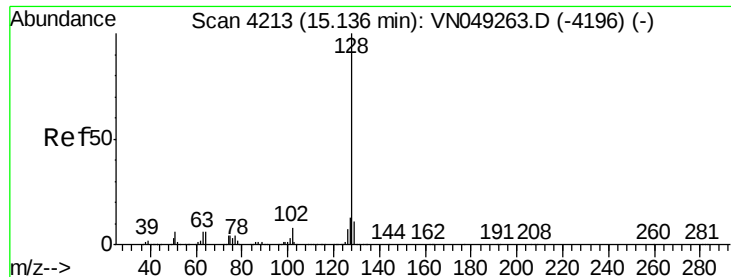
#94
 Hexachlorobutadiene
 Concen: 47.03 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049409.D
 Acq: 20 Jun 2018 1:56

Tgt Ion:225 Resp: 523409
 Ion Ratio Lower Upper
 225 100
 223 62.5 32.1 96.3
 227 63.8 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

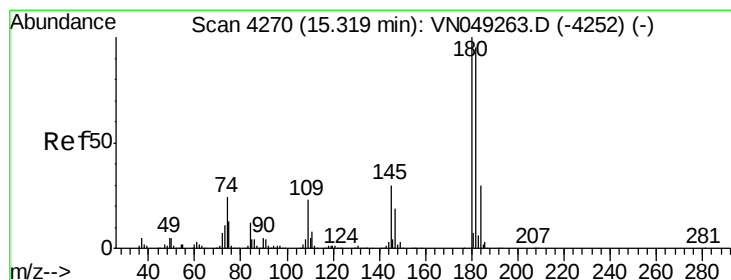
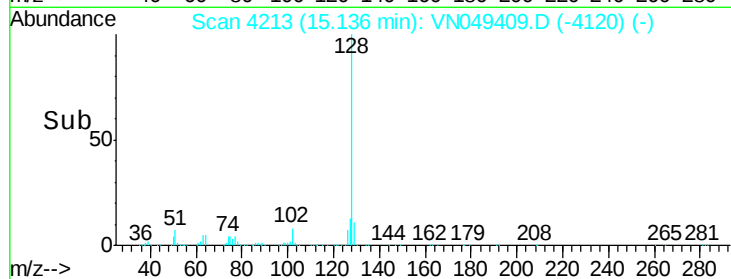
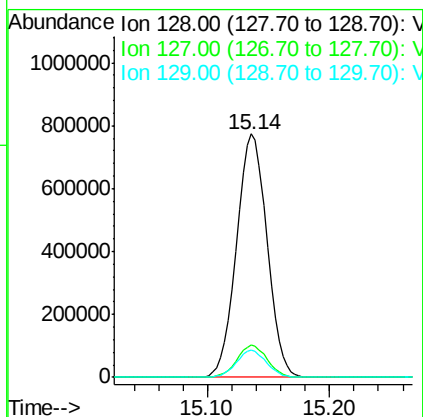
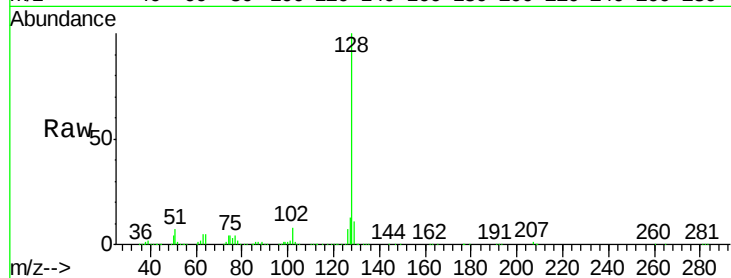




#95
Naphthalene
Concen: 44.24 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049409.D
Acq: 20 Jun 2018 1:56

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 1335242
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 11.0 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 42.03 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. -0.00 min
Lab File: VN049409.D
Acq: 20 Jun 2018 1:56

Tgt Ion:180 Resp: 703993
Ion Ratio Lower Upper
180 100
182 96.4 47.3 141.8
145 30.2 15.6 46.7

