

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061818\
 Data File : VN049333.D
 Acq On : 18 Jun 2018 10:35
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 19 01:27:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1534052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2270461	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2077750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1067211	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	1016828	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
35) Dibromofluoromethane	7.59	113	926971	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
50) Toluene-d8	10.09	98	3511383	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.40	95	1223345	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	836268	47.36	ug/l	100
3) Chloromethane	2.06	50	961539	42.17	ug/l	98
4) Vinyl Chloride	2.18	62	1073202	44.29	ug/l	100
5) Bromomethane	2.56	94	363056	28.50	ug/l	94
6) Chloroethane	2.70	64	695884	48.16	ug/l	100
7) Trichlorofluoromethane	3.01	101	1452411	48.05	ug/l	100
8) Diethyl Ether	3.41	74	547634	51.89	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.75	101	934067	48.72	ug/l	93
10) Methyl Iodide	3.95	142	597211	29.92	ug/l	92
11) Tert butyl alcohol	4.79	59	292057	244.56	ug/l #	85
12) 1,1-Dichloroethene	3.73	96	849596	48.30	ug/l	90
13) Acrolein	3.60	56	513497	410.03	ug/l	99
14) Allyl chloride	4.32	41	1439760	51.84	ug/l	89
15) Acrylonitrile	4.99	53	1547883	259.22	ug/l	99
16) Acetone	3.82	43	1629400	329.82	ug/l	93
17) Carbon Disulfide	4.05	76	2455335	44.54	ug/l	100
18) Methyl Acetate	4.32	43	749806	49.78	ug/l	94
19) Methyl tert-butyl Ether	5.05	73	2454939	54.74	ug/l	99
20) Methylene Chloride	4.55	84	1011667	49.03	ug/l	91
21) trans-1,2-Dichloroethene	5.04	96	912623	49.01	ug/l	91
22) Diisopropyl ether	5.95	45	2972652	53.60	ug/l	95
23) Vinyl Acetate	5.90	43	10033085	277.50	ug/l	95
24) 1,1-Dichloroethane	5.85	63	1761494	49.62	ug/l	98
25) 2-Butanone	6.84	43	1955959	294.86	ug/l	96
26) 2,2-Dichloropropane	6.82	77	1471063	51.31	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	1067623	51.57	ug/l	93
28) Bromochloromethane	7.19	49	786701	49.99	ug/l	85
29) Tetrahydrofuran	7.21	42	1102019	258.08	ug/l	94
30) Chloroform	7.37	83	1770625	50.12	ug/l	100
31) Cyclohexane	7.65	56	1549360	51.49	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	1510804	50.12	ug/l	97
36) 1,1-Dichloropropene	7.79	75	1359517	52.24	ug/l	98
37) Ethyl Acetate	6.93	43	765952	54.14	ug/l #	96
38) Carbon Tetrachloride	7.77	117	1350867	50.14	ug/l	98

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1493944	53.48	ug/l	94
40) Benzene	8.04	78	4036015	50.59	ug/l	99
41) Methacrylonitrile	7.17	41	434418	56.80	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	1271240	51.58	ug/l	96
43) Isopropyl Acetate	8.17	43	1416904	52.42	ug/l	96
44) Trichloroethene	8.83	130	1086357	51.57	ug/l	93
45) 1,2-Dichloropropane	9.12	63	1083219	51.86	ug/l	98
46) Dibromomethane	9.21	93	632186	52.20	ug/l	91
47) Bromodichloromethane	9.40	83	1382354	51.94	ug/l	98
48) Methyl methacrylate	9.20	41	711537	55.90	ug/l	87
49) 1,4-Dioxane	9.20	88	186730	1062.95	ug/l	91
51) 4-Methyl-2-Pentanone	9.99	43	3792544	267.72	ug/l	93
52) Toluene	10.16	92	2507600	53.55	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	1420000	55.77	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1651032	54.92	ug/l #	88
55) 1,1,2-Trichloroethane	10.56	97	899961	51.56	ug/l	97
56) Ethyl methacrylate	10.43	69	1136072	56.42	ug/l #	86
57) 1,3-Dichloropropane	10.71	76	1537549	53.17	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1694503	236.21	ug/l	94
59) 2-Hexanone	10.75	43	2697525	295.36	ug/l	92
60) Dibromochloromethane	10.90	129	1042021	53.49	ug/l	100
61) 1,2-Dibromoethane	11.01	107	875264	53.95	ug/l	99
64) Tetrachloroethene	10.63	164	1115743	52.41	ug/l	98
65) Chlorobenzene	11.43	112	2771354	51.78	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	1031224	51.20	ug/l	99
67) Ethyl Benzene	11.51	91	4800132	54.07	ug/l	98
68) m/p-Xylenes	11.62	106	3692419	110.82	ug/l	96
69) o-Xylene	11.95	106	1804542	56.23	ug/l	94
70) Styrene	11.96	104	2920909	57.69	ug/l	97
71) Bromoform	12.13	173	700428	53.72	ug/l #	100
73) Isopropylbenzene	12.25	105	4776941	50.98	ug/l	97
74) N-amyl acetate	12.07	43	1204027	52.46	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.51	83	1029581	53.57	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	1323599	72.69	ug/l #	100
77) Bromobenzene	12.53	156	1195593	48.31	ug/l	91
78) n-propylbenzene	12.59	91	5449296	52.96	ug/l	98
79) 2-Chlorotoluene	12.68	91	3256209	49.95	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	3899018	52.94	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	289405	50.23	ug/l	90
82) 4-Chlorotoluene	12.77	91	3280428	52.16	ug/l	97
83) tert-Butylbenzene	12.99	119	3353434	51.39	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	3959200	54.11	ug/l	98
85) sec-Butylbenzene	13.17	105	4462683	51.39	ug/l	98
86) p-Isopropyltoluene	13.29	119	3903626	53.80	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	2100191	51.58	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	2043355	50.63	ug/l	99
89) n-Butylbenzene	13.62	91	3143825	55.47	ug/l	97
90) Hexachloroethane	13.88	117	741430	54.13	ug/l	87
91) 1,2-Dichlorobenzene	13.65	146	2042760	51.15	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	152640	46.79	ug/l	85

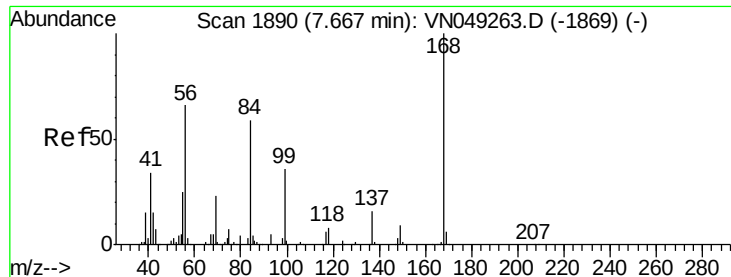
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	881996	48.36	ug/l	98
94) Hexachlorobutadiene	15.01	225	647484	55.74	ug/l	99
95) Naphthalene	15.14	128	1702827	52.07	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	886015	49.55	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VN049333.D

Acq: 18 Jun 2018 10:35

Instrument :

MSVOA_N

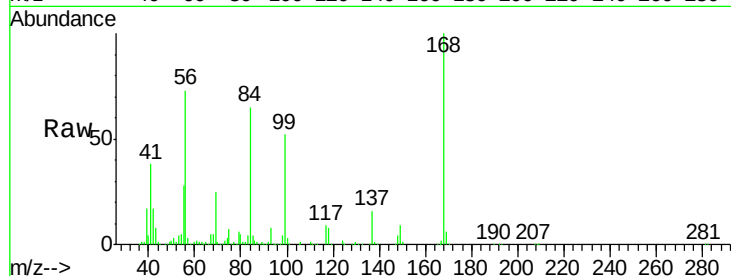
ClientSampleId :

Tot Ion:168 Resp: 1534052

Ion Ratio Lower Upper

168 100

99 51.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

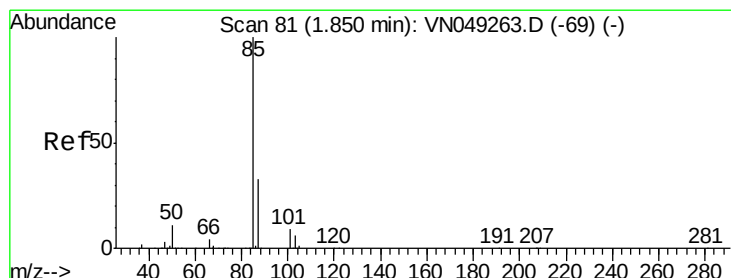
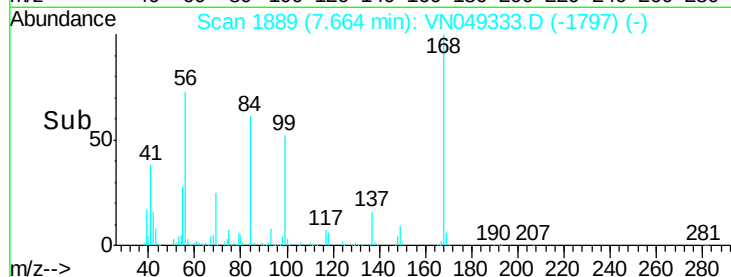
600000

400000

200000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.36 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN049333.D

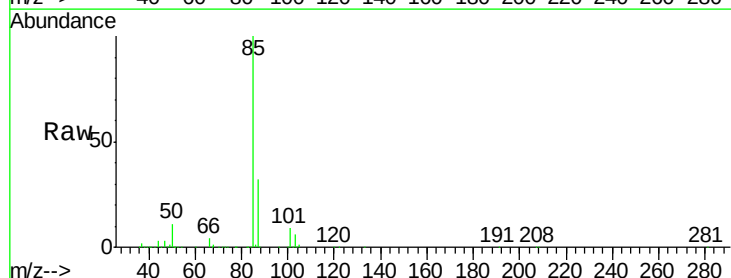
Acq: 18 Jun 2018 10:35

Tgt Ion: 85 Resp: 836268

Ion Ratio Lower Upper

85 100

87 32.1 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

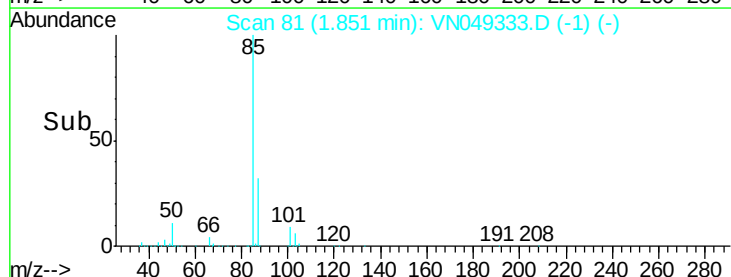
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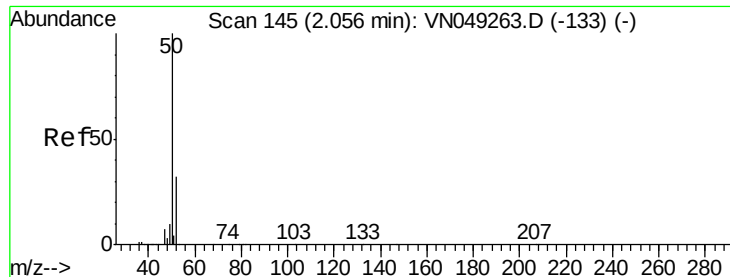
400000

200000

0

Time-->





#3

Chloromethane

Concen: 42.17 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049333.D

Acq: 18 Jun 2018 10:35

Instrument :

MSVOA_N

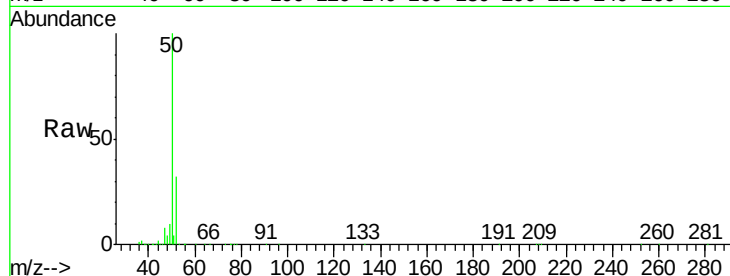
ClientSampleId :

Tot Ion: 50 Resp: 961539

Ion Ratio Lower Upper

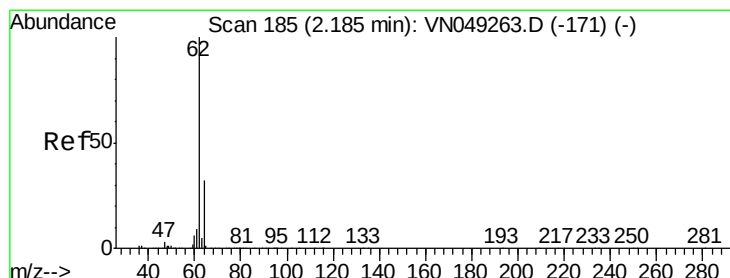
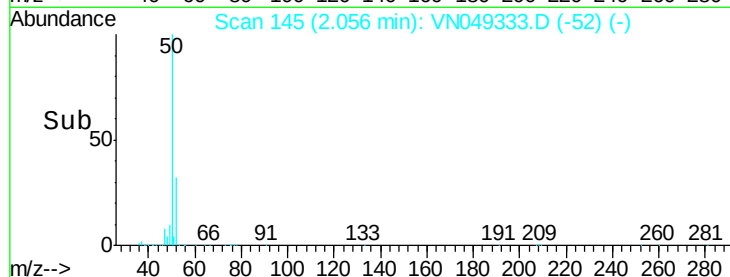
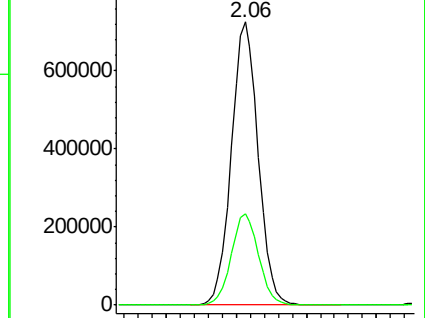
50 100

52 32.4 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VN049333.D (-133) (-)

Ion 51.90 (51.60 to 52.60): VN049333.D (-133) (-)



#4

Vinyl Chloride

Concen: 44.29 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049333.D

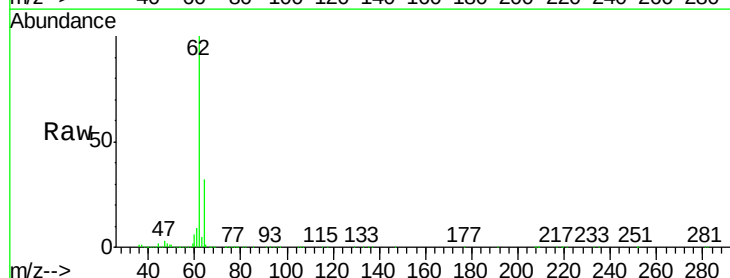
Acq: 18 Jun 2018 10:35

Tgt Ion: 62 Resp: 1073202

Ion Ratio Lower Upper

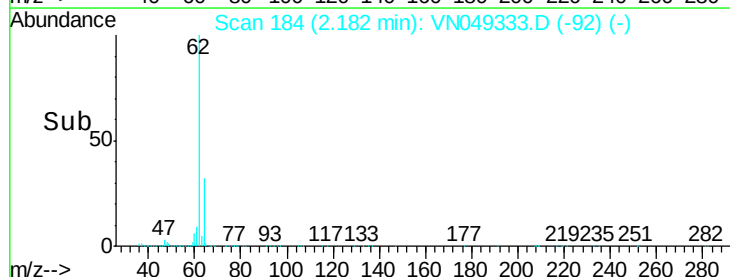
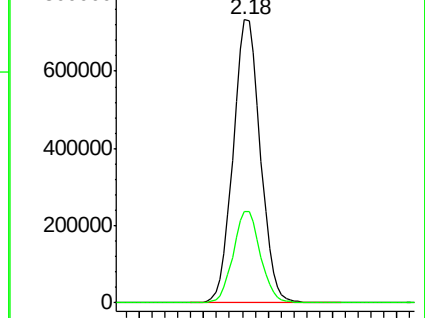
62 100

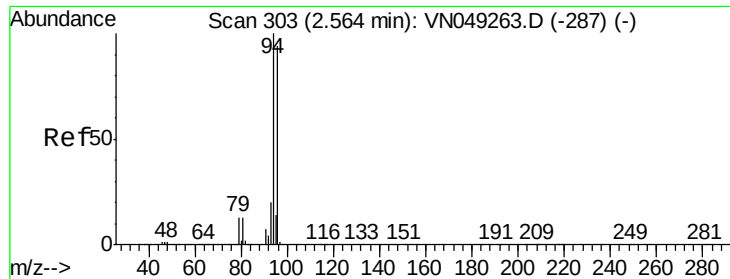
64 32.1 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN049333.D (-171) (-)

Ion 63.90 (63.60 to 64.60): VN049333.D (-171) (-)





#5

Bromomethane

Concen: 28.50 ug/l

RT: 2.56 min Scan# 302

Delta R.T. -0.00 min

Lab File: VN049333.D

Acq: 18 Jun 2018 10:35

Instrument :

MSVOA_N

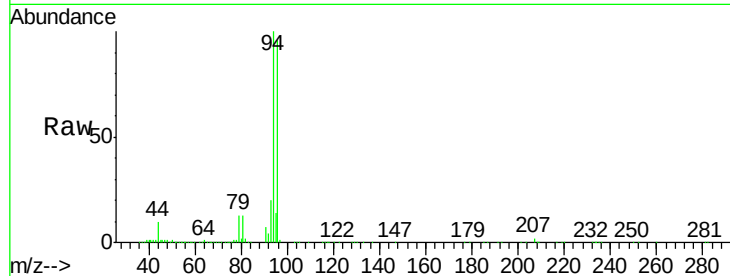
ClientSampleId :

Tot Ion: 94 Resp: 363056

Ion Ratio Lower Upper

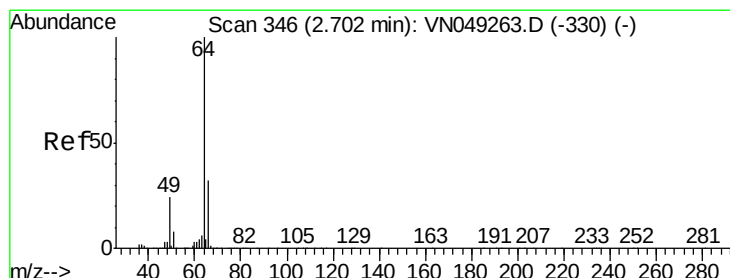
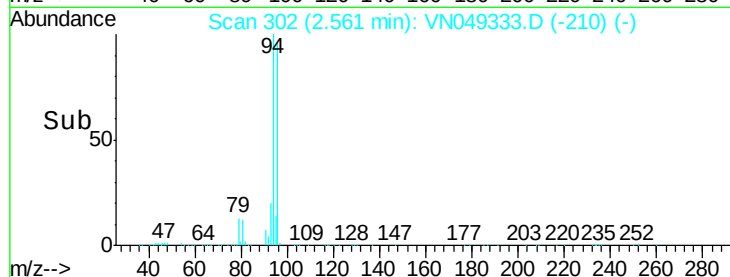
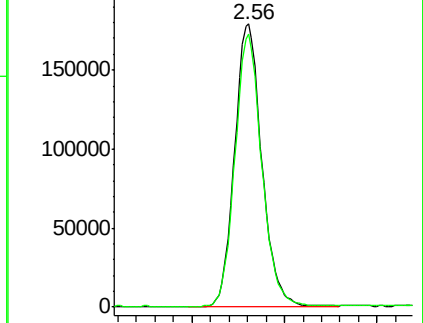
94 100

96 96.2 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 48.16 ug/l

RT: 2.70 min Scan# 345

Delta R.T. -0.00 min

Lab File: VN049333.D

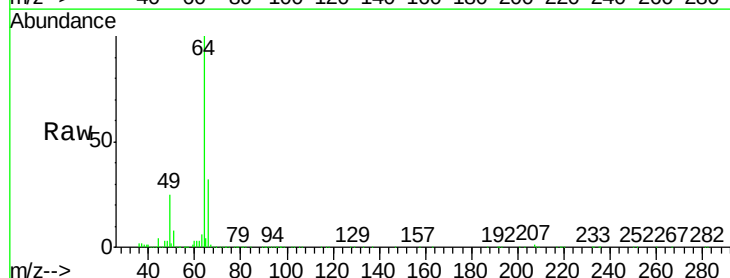
Acq: 18 Jun 2018 10:35

Tgt Ion: 64 Resp: 695884

Ion Ratio Lower Upper

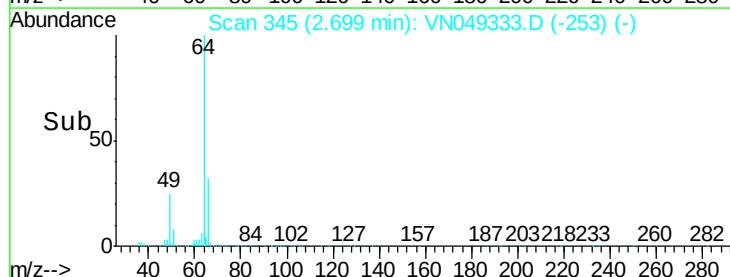
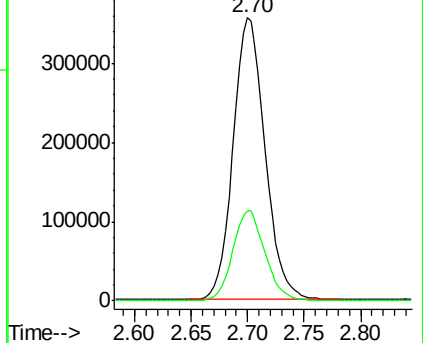
64 100

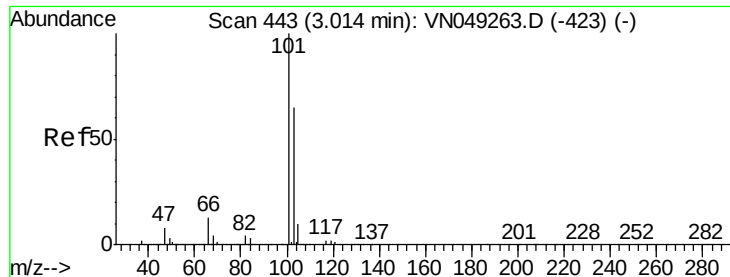
66 32.0 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



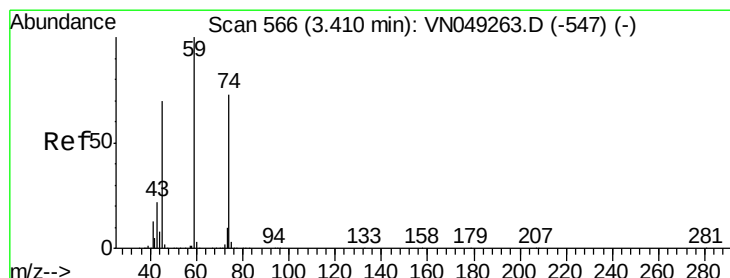
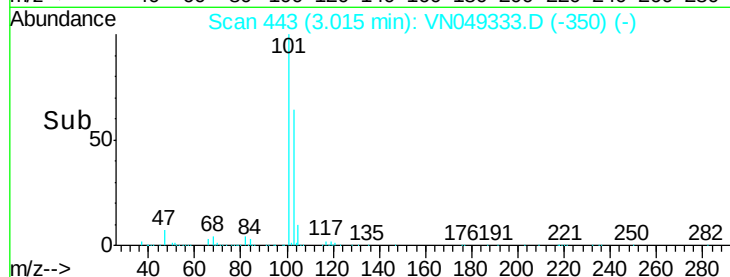
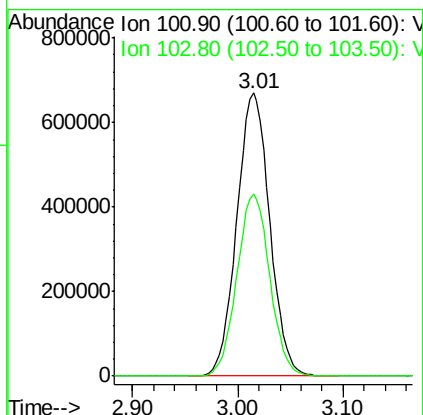
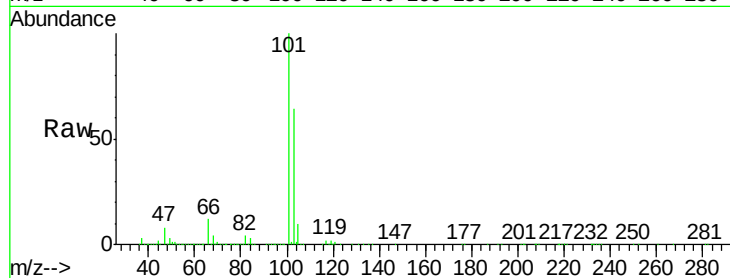


#7

Trichlorofluoromethane
Concen: 48.05 ug/l
RT: 3.01 min Scan# 443
Delta R.T. 0.00 min
Lab File: VN049333.D
Acq: 18 Jun 2018 10:35

Instrument :
MSVOA_N
ClientSampleId :

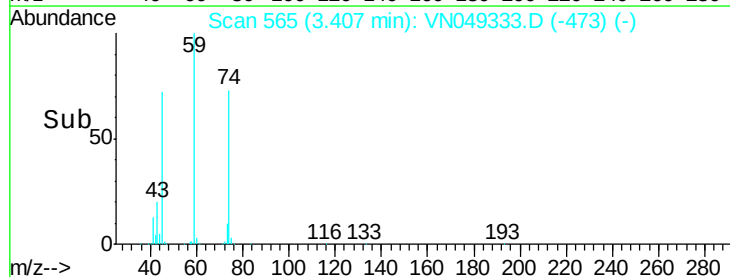
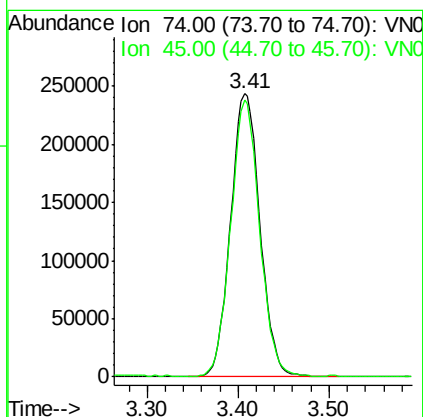
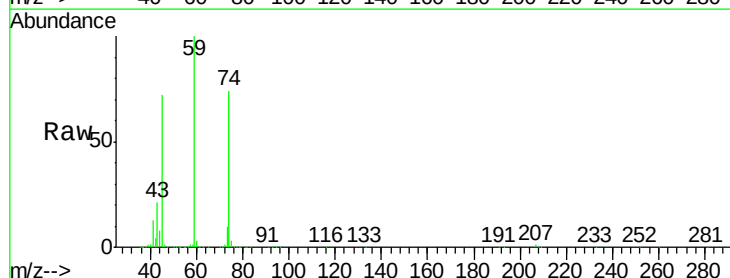
Tot Ion:101 Resp: 1452411
Ion Ratio Lower Upper
101 100
103 64.2 51.7 77.5

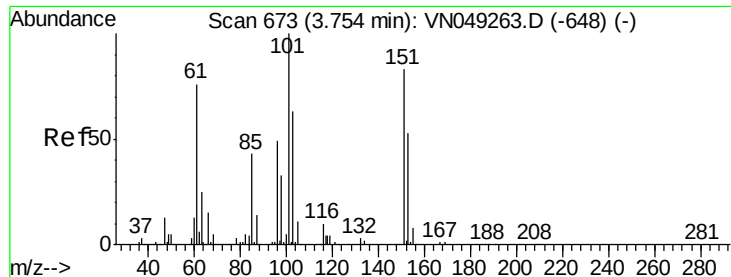


#8

Diethyl Ether
Concen: 51.89 ug/l
RT: 3.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: VN049333.D
Acq: 18 Jun 2018 10:35

Tgt Ion: 74 Resp: 547634
Ion Ratio Lower Upper
74 100
45 95.1 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.72 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN049333.D

Acq: 18 Jun 2018 10:35

Instrument :

MSVOA_N

ClientSampleId :

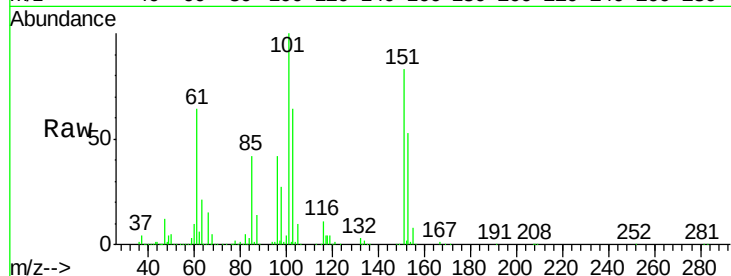
Tot Ion:101 Resp: 934067

Ion Ratio Lower Upper

101 100

85 43.0 37.6 56.4

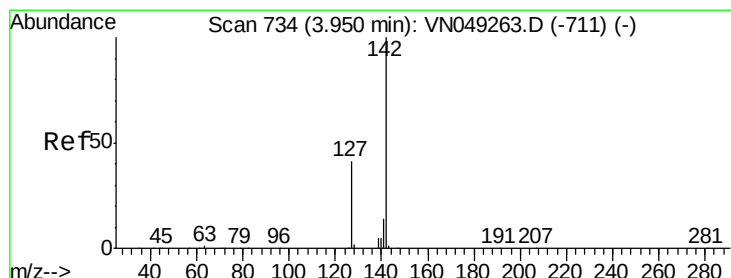
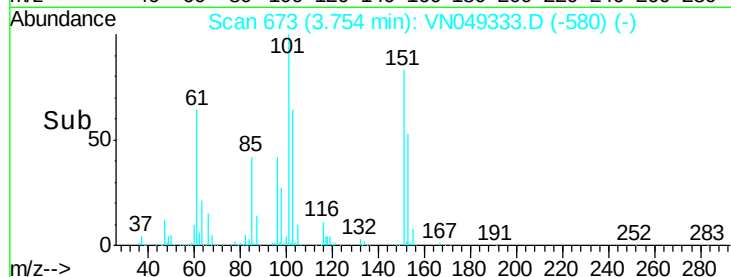
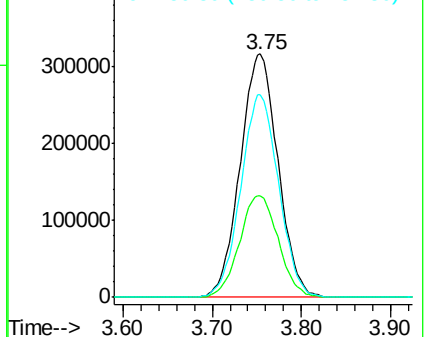
151 83.6 61.1 91.7



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: 29.92 ug/l

RT: 3.95 min Scan# 733

Delta R.T. -0.00 min

Lab File: VN049333.D

Acq: 18 Jun 2018 10:35

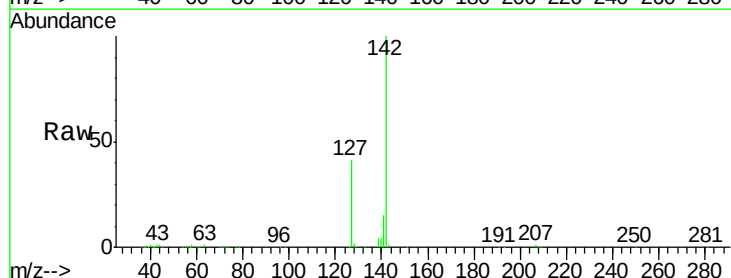
Tgt Ion:142 Resp: 597211

Ion Ratio Lower Upper

142 100

127 41.3 38.2 57.4

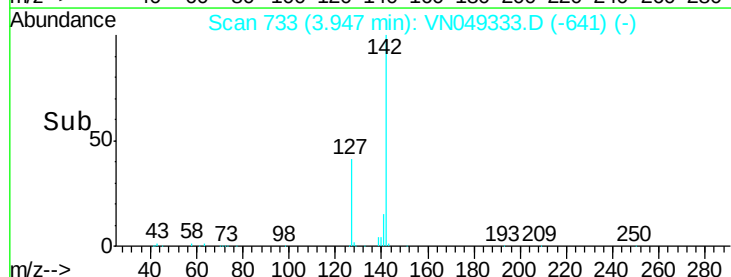
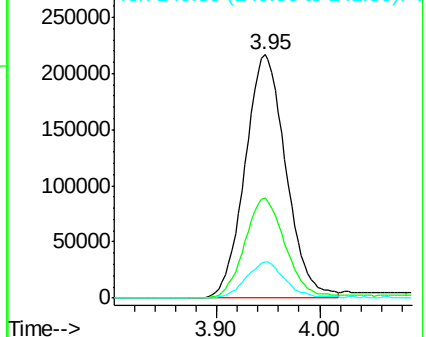
141 14.3 11.9 17.9

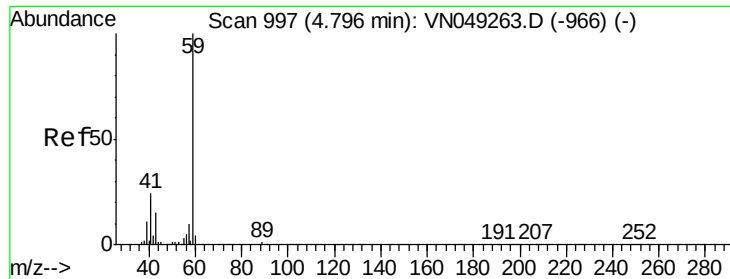


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

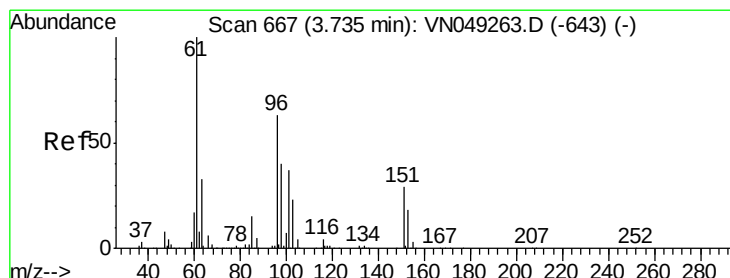
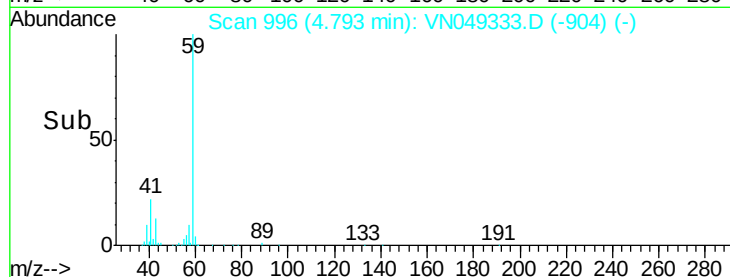
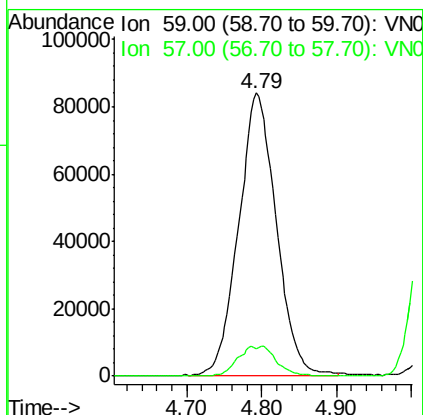
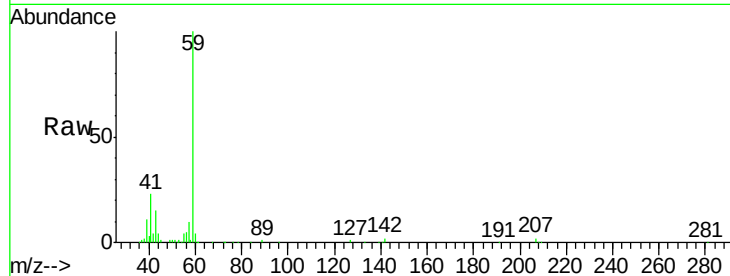




#11
Tert butyl alcohol
Concen: 244.56 ug/l
RT: 4.79 min Scan# 996
Delta R.T. -0.00 min
Lab File: VN049333.D
Acq: 18 Jun 2018 10:35

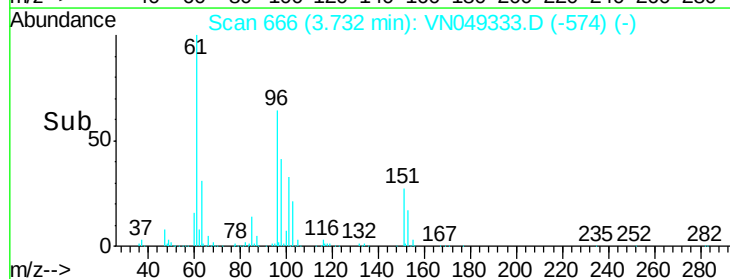
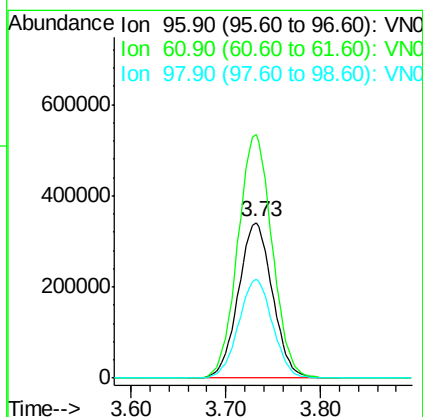
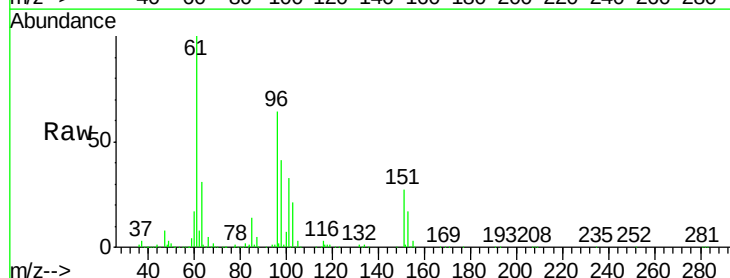
Instrument :
MSVOA_N
ClientSampled :

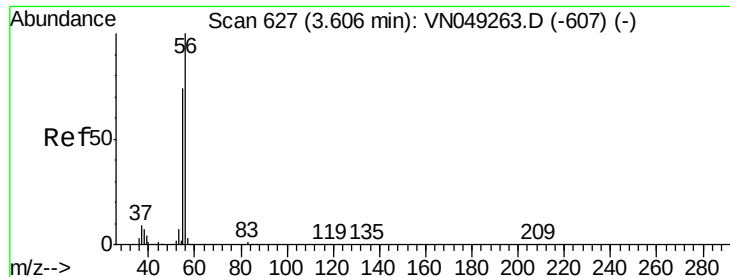
Tot Ion: 59 Resp: 292057
Ion Ratio Lower Upper
59 100
57 5.4 9.0 13.6#



#12
1,1-Dichloroethene
Concen: 48.30 ug/l
RT: 3.73 min Scan# 666
Delta R.T. -0.00 min
Lab File: VN049333.D
Acq: 18 Jun 2018 10:35

Tgt Ion: 96 Resp: 849596
Ion Ratio Lower Upper
96 100
61 156.8 141.0 211.4
98 63.8 50.4 75.6





#13

Acrolein

Concen: 410.03 ug/l

RT: 3.60 min Scan# 626

Delta R.T. -0.00 min

Lab File: VN049333.D

Acq: 18 Jun 2018 10:35

Instrument :

MSVOA_N

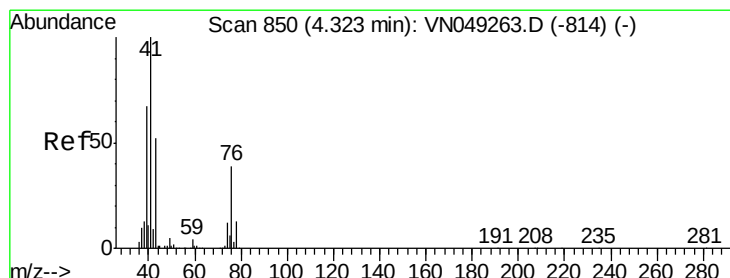
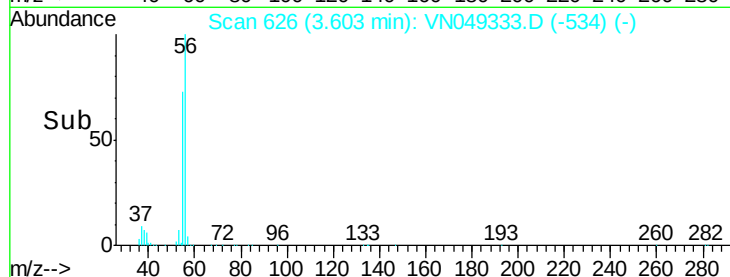
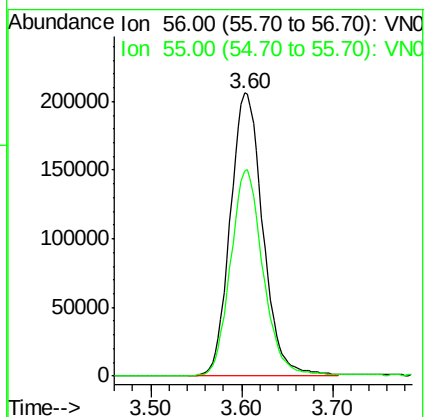
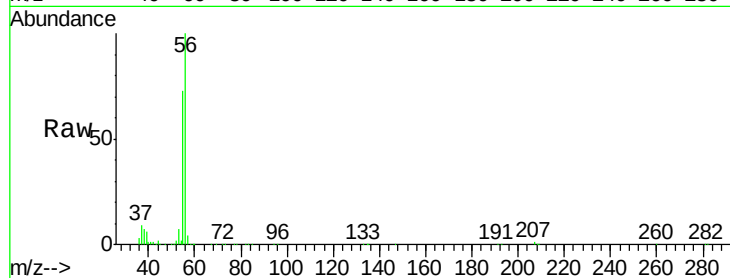
ClientSampleId :

Tot Ion: 56 Resp: 513497

Ion Ratio Lower Upper

56 100

55 72.3 57.1 85.7



#14

Allyl chloride

Concen: 51.84 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN049333.D

Acq: 18 Jun 2018 10:35

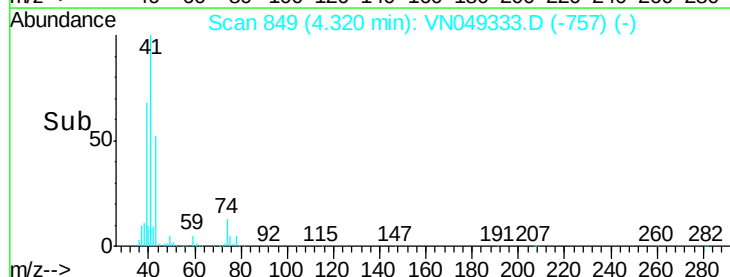
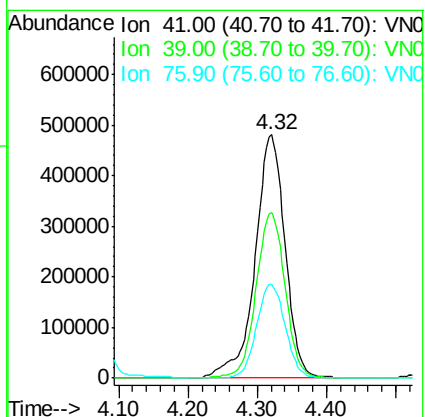
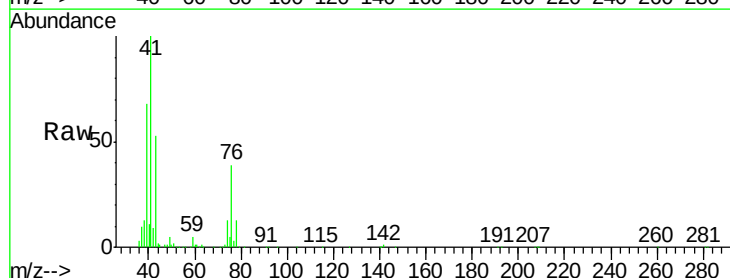
Tgt Ion: 41 Resp: 1439760

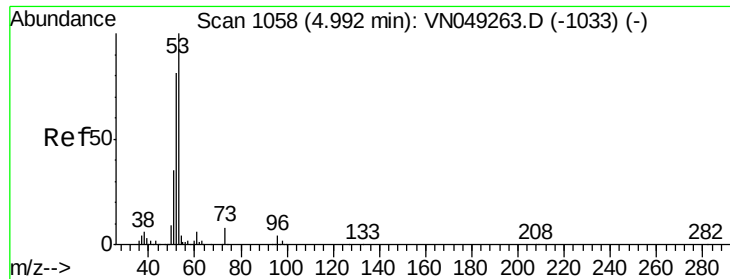
Ion Ratio Lower Upper

41 100

39 66.2 62.5 93.7

76 36.6 27.1 40.7



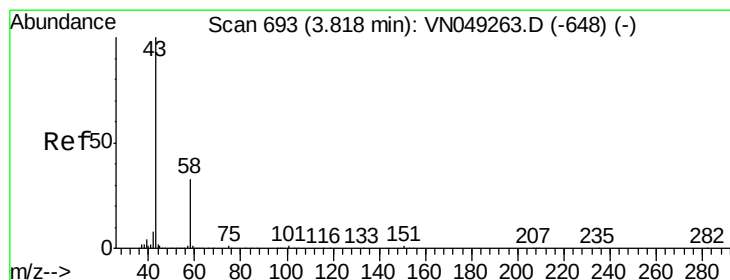
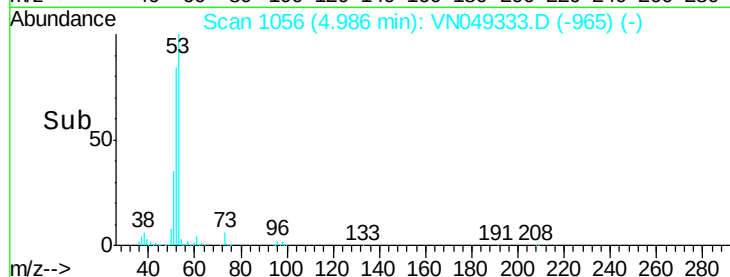
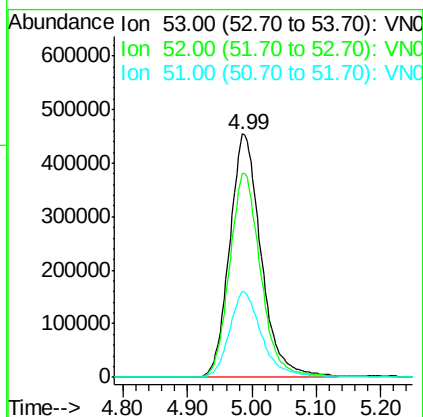
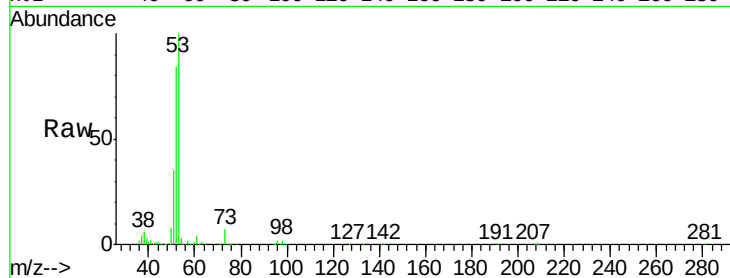


#15
 Acrylonitrile
 Concen: 259.22 ug/l
 RT: 4.99 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: VN049333.D
 Acq: 18 Jun 2018 10:35

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 53 Resp: 1547883

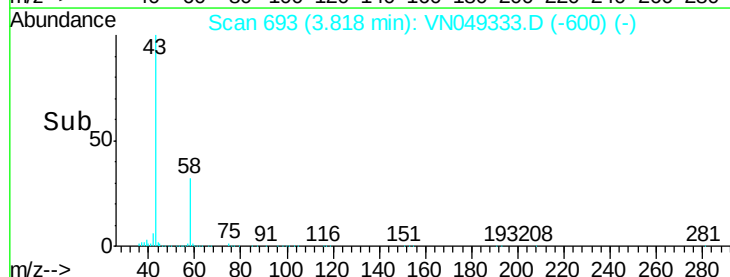
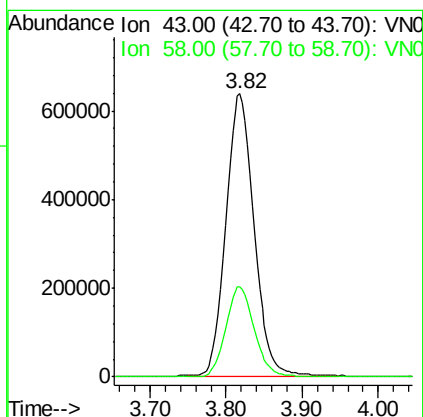
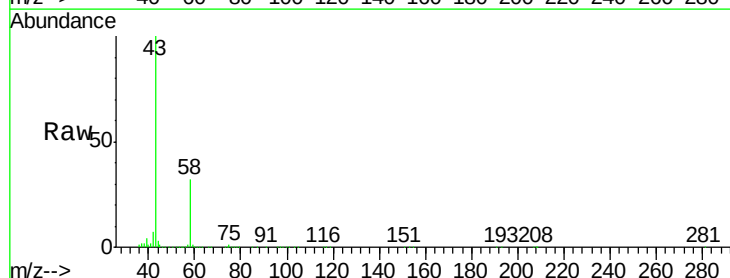
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.6	100.0
51	36.1	29.8	44.8

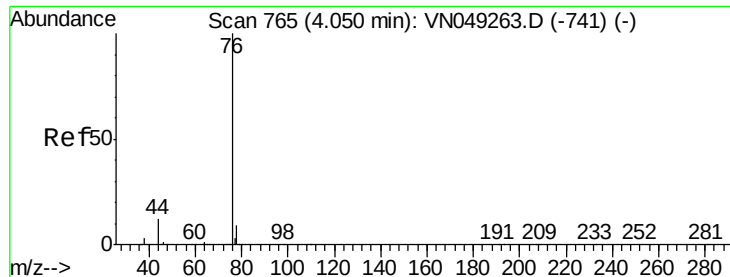


#16
 Acetone
 Concen: 329.82 ug/l
 RT: 3.82 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: VN049333.D
 Acq: 18 Jun 2018 10:35

Tgt Ion: 43 Resp: 1629400

Ion	Ratio	Lower	Upper
43	100		
58	31.9	22.4	33.6





#17

Carbon Disulfide

Concen: 44.54 ug/l

RT: 4.05 min Scan# 764

Delta R.T. -0.00 min

Lab File: VN049333.D

Acq: 18 Jun 2018 10:35

Instrument :

MSVOA_N

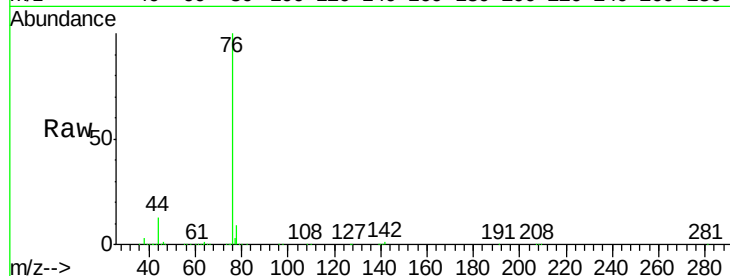
ClientSampleId :

Tot Ion: 76 Resp: 2455335

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN049263.D (-741) (-)

Ion 77.90 (77.60 to 78.60): VN049263.D (-741) (-)

4.05

1000000

800000

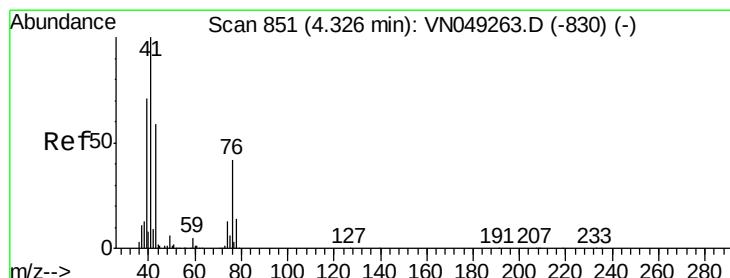
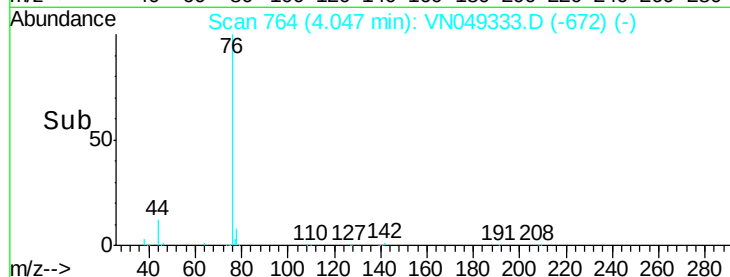
600000

400000

200000

0

Time-->



#18

Methyl Acetate

Concen: 49.78 ug/l

RT: 4.32 min Scan# 850

Delta R.T. -0.00 min

Lab File: VN049333.D

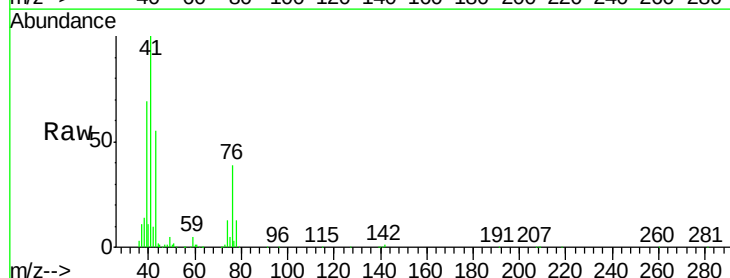
Acq: 18 Jun 2018 10:35

Tgt Ion: 43 Resp: 749806

Ion Ratio Lower Upper

43 100

74 24.4 17.4 26.0



Abundance Ion 43.00 (42.70 to 43.70): VN049263.D (-830) (-)

Ion 74.00 (73.70 to 74.70): VN049263.D (-830) (-)

4.32

300000

250000

200000

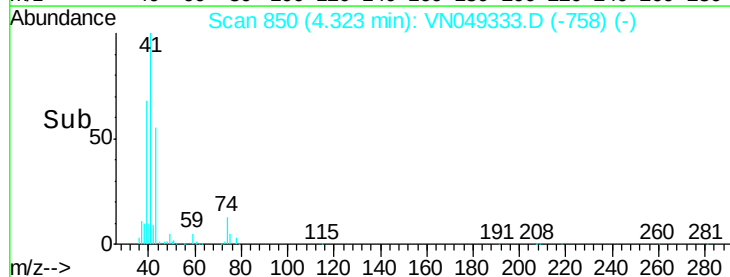
150000

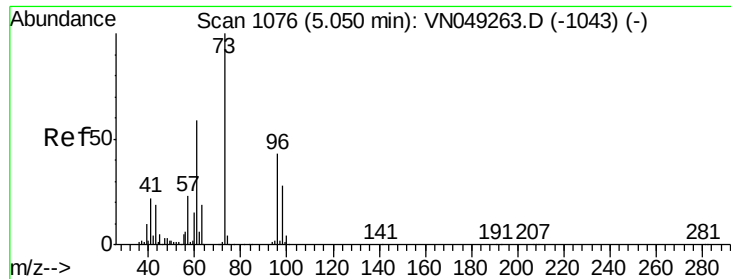
100000

50000

0

Time-->

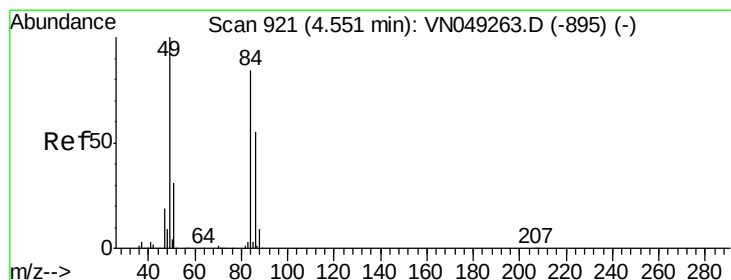
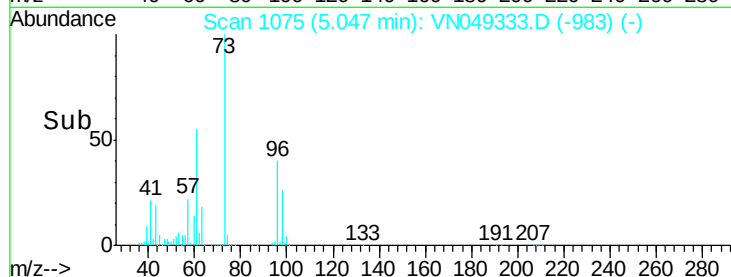
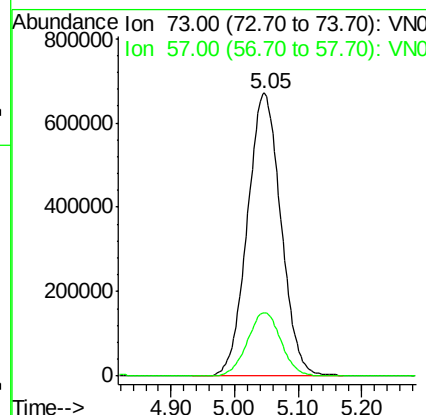
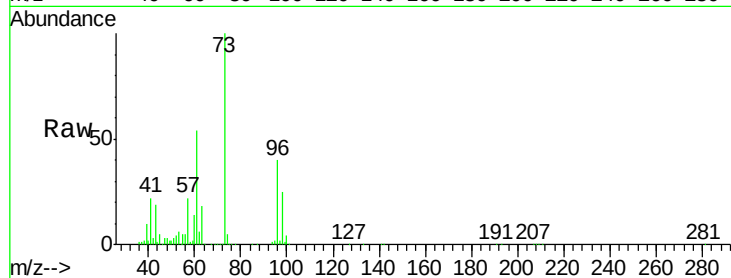




#19
Methyl tert-butyl Ether
Concen: 54.74 ug/l
RT: 5.05 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VN049333.D
Acq: 18 Jun 2018 10:35

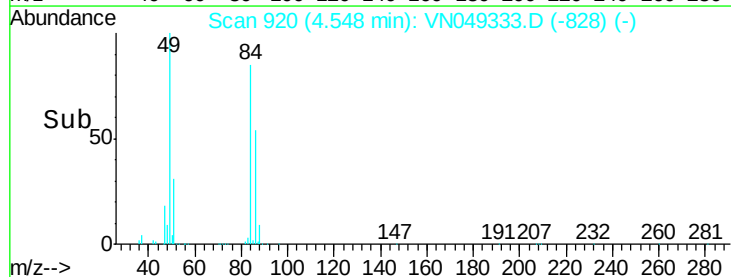
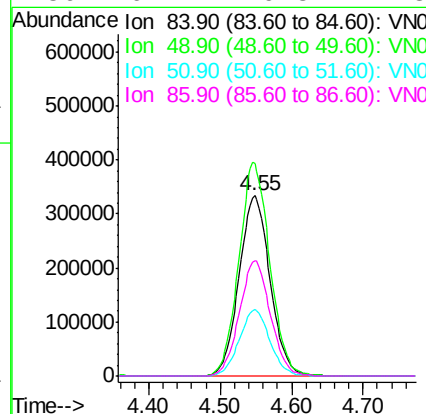
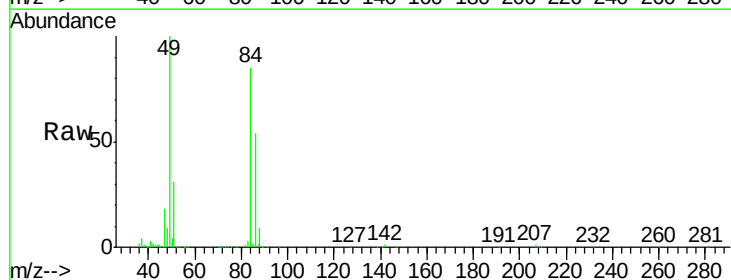
Instrument :
MSVOA_N
ClientSampleId :

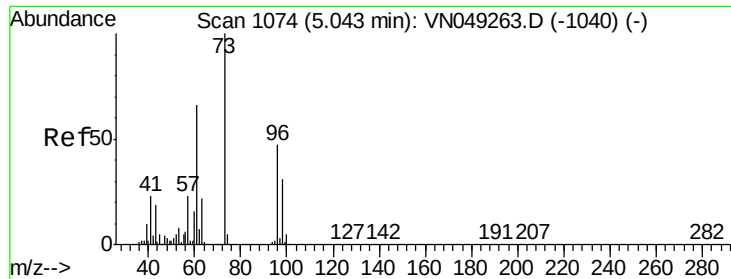
Tot Ion: 73 Resp: 2454939
Ion Ratio Lower Upper
73 100
57 22.4 18.2 27.4



#20
Methylene Chloride
Concen: 49.03 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049333.D
Acq: 18 Jun 2018 10:35

Tgt Ion: 84 Resp: 1011667
Ion Ratio Lower Upper
84 100
49 117.9 106.9 160.3
51 36.7 32.7 49.1
86 64.2 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 49.01 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VN049333.D

Acq: 18 Jun 2018 10:35

Instrument :

MSVOA_N

ClientSampleId :

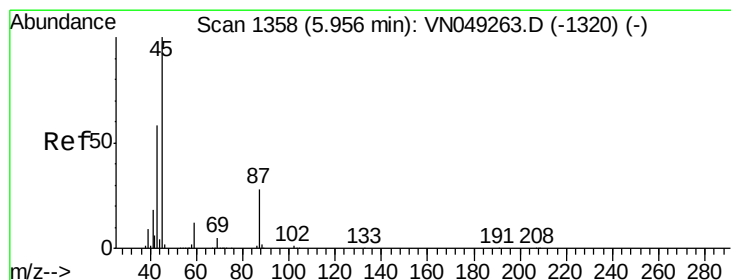
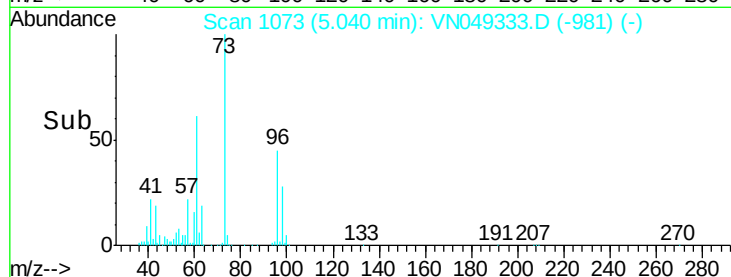
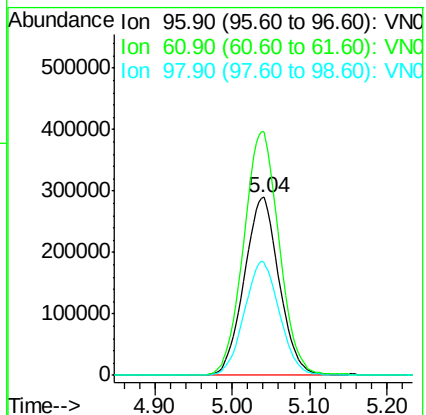
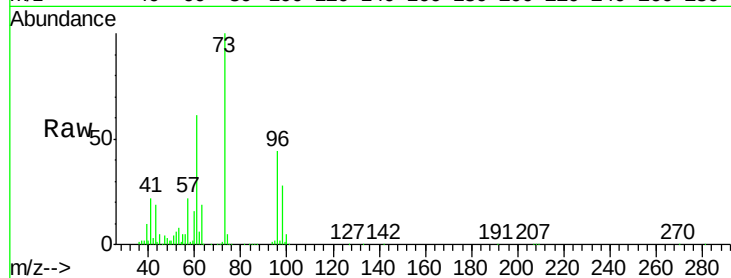
Tot Ion: 96 Resp: 912623

Ion Ratio Lower Upper

96 100

61 136.8 121.3 181.9

98 63.8 52.0 78.0



#22

Diisopropyl ether

Concen: 53.60 ug/l

RT: 5.95 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VN049333.D

Acq: 18 Jun 2018 10:35

Tgt Ion: 45 Resp: 2972652

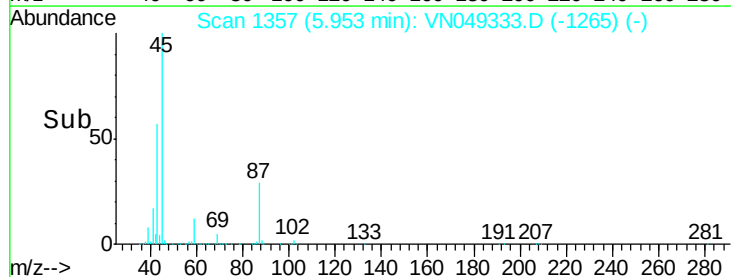
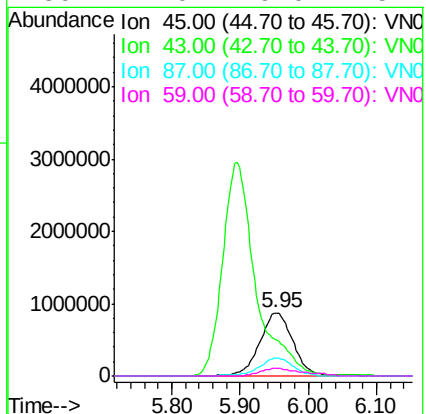
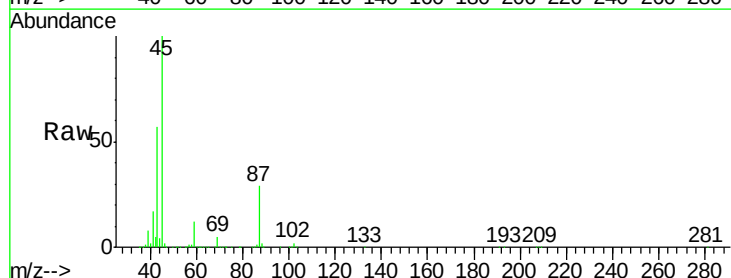
Ion Ratio Lower Upper

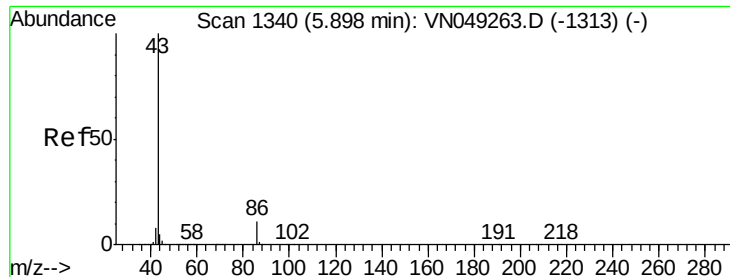
45 100

43 56.7 48.6 72.8

87 28.2 20.2 30.2

59 12.0 9.0 13.4





#23

Vinyl Acetate

Concen: 277.50 ug/l

RT: 5.90 min Scan# 1339

Delta R.T. -0.00 min

Lab File: VN049333.D

Acq: 18 Jun 2018 10:35

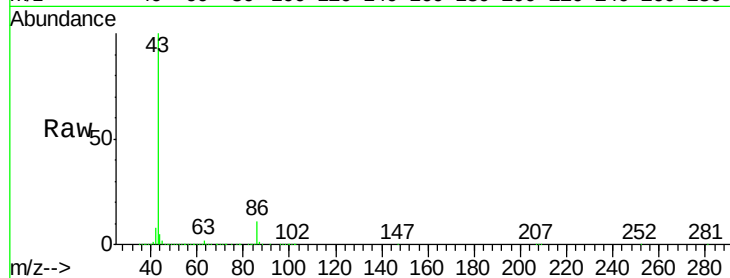
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp:10033085

Ion Ratio Lower Upper

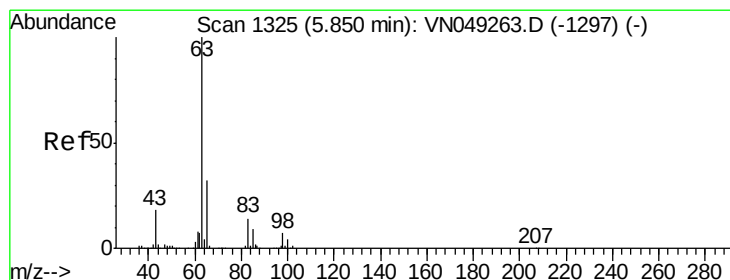
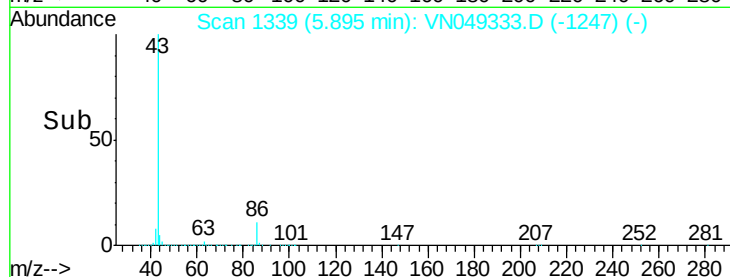
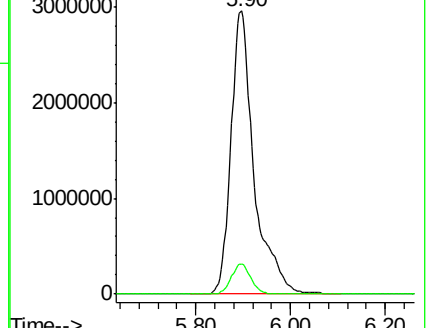
43 100

86 10.7 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN049333.D (-1313) (-)

Ion 86.00 (85.70 to 86.70): VN049333.D (-1313) (-)



#24

1,1-Dichloroethane

Concen: 49.62 ug/l

RT: 5.85 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VN049333.D

Acq: 18 Jun 2018 10:35

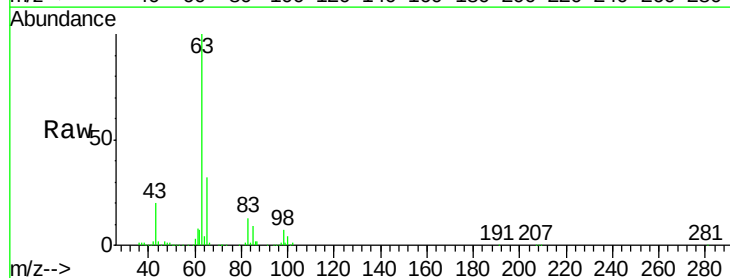
Tgt Ion: 63 Resp: 1761494

Ion Ratio Lower Upper

63 100

98 6.8 2.9 8.8

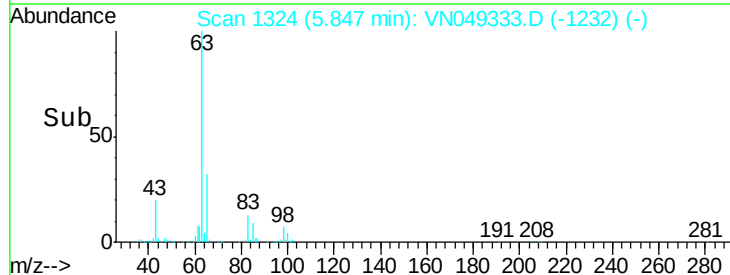
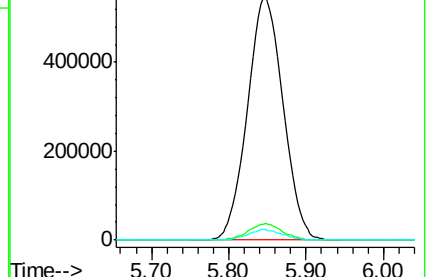
100 4.3 2.1 6.3

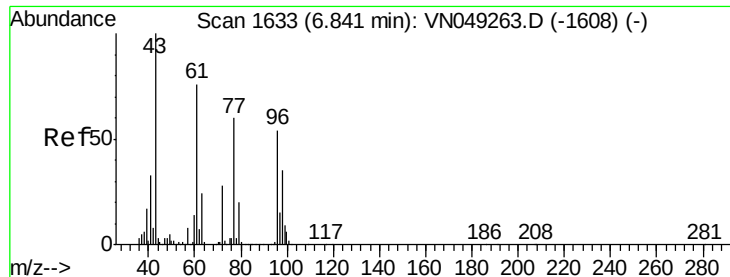


Abundance Ion 62.90 (62.60 to 63.60): VN049333.D (-1297) (-)

Ion 97.90 (97.60 to 98.60): VN049333.D (-1297) (-)

Ion 99.90 (99.60 to 100.60): VN049333.D (-1297) (-)

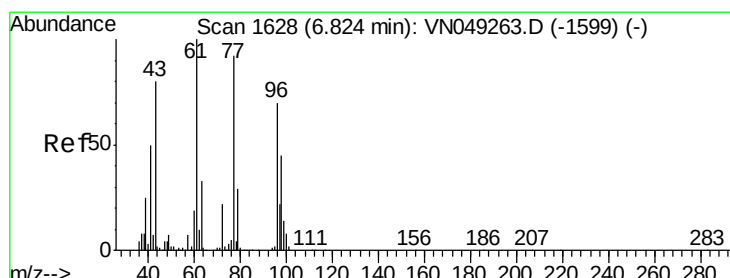
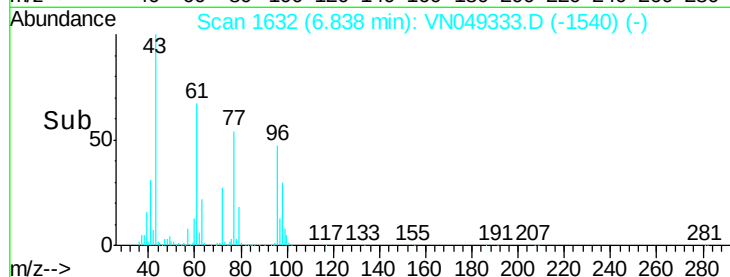
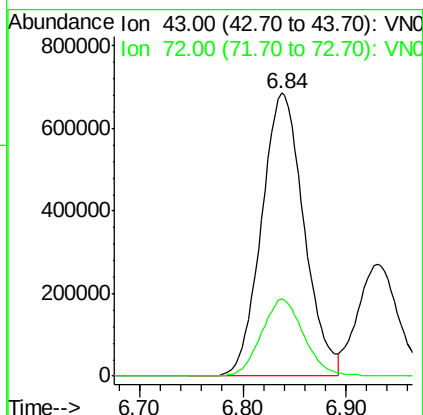
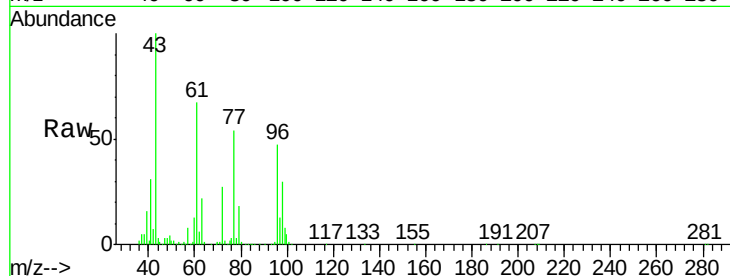




#25
2-Butanone
Concen: 294.86 ug/l
RT: 6.84 min Scan# 1632
Delta R.T. -0.00 min
Lab File: VN049333.D
Acq: 18 Jun 2018 10:35

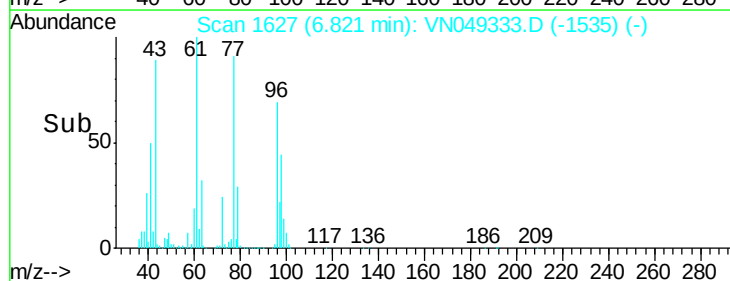
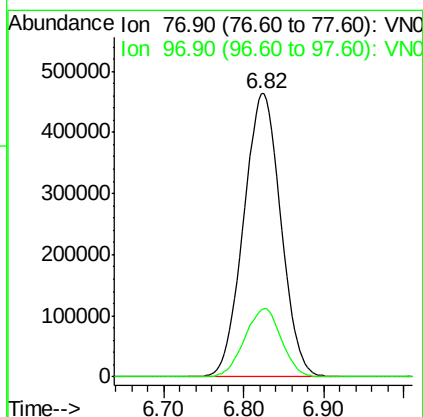
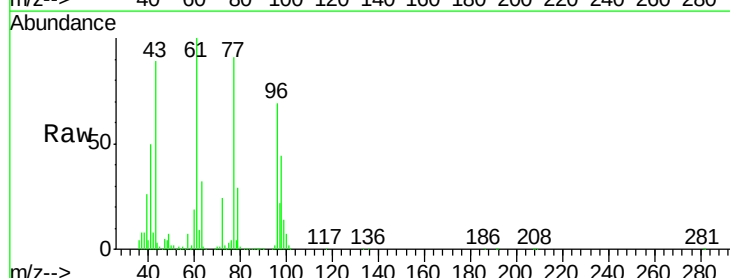
Instrument :
MSVOA_N
ClientSampleId :

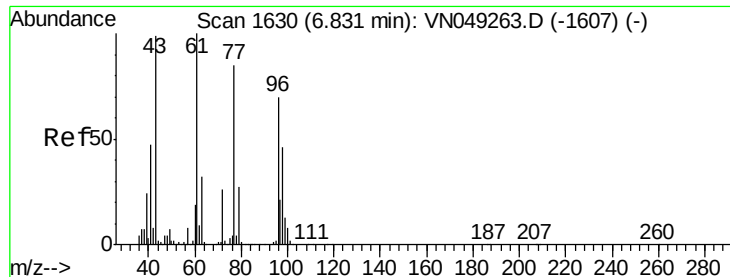
Tot Ion: 43 Resp: 1955959
Ion Ratio Lower Upper
43 100
72 27.3 20.2 30.2



#26
2,2-Dichloropropane
Concen: 51.31 ug/l
RT: 6.82 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VN049333.D
Acq: 18 Jun 2018 10:35

Tgt Ion: 77 Resp: 1471063
Ion Ratio Lower Upper
77 100
97 23.9 11.0 33.0





#27

cis-1,2-Dichloroethene

Concen: 51.57 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VN049333.D

Acq: 18 Jun 2018 10:35

Instrument :
MSVOA_N
ClientSampleId :

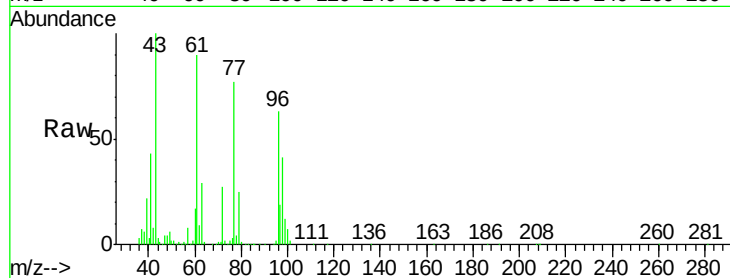
Tot Ion: 96 Resp: 1067623

Ion Ratio Lower Upper

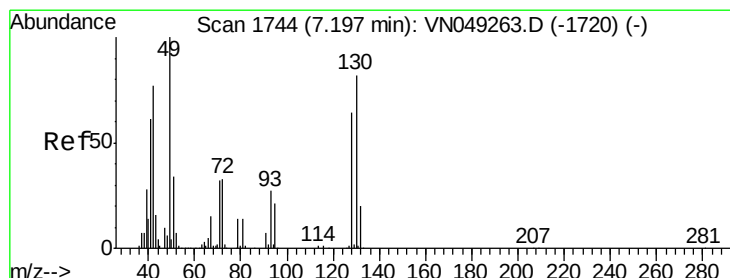
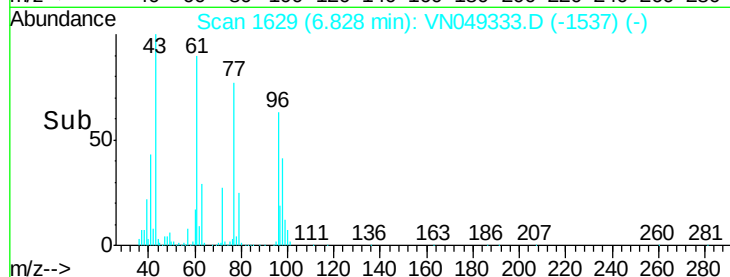
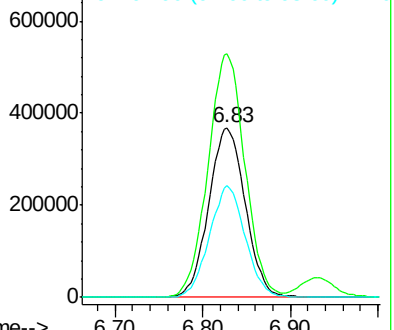
96 100

61 144.9 0.0 316.4

98 64.6 0.0 128.4



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



#28

Bromochloromethane

Concen: 49.99 ug/l

RT: 7.19 min Scan# 1743

Delta R.T. -0.00 min

Lab File: VN049333.D

Acq: 18 Jun 2018 10:35

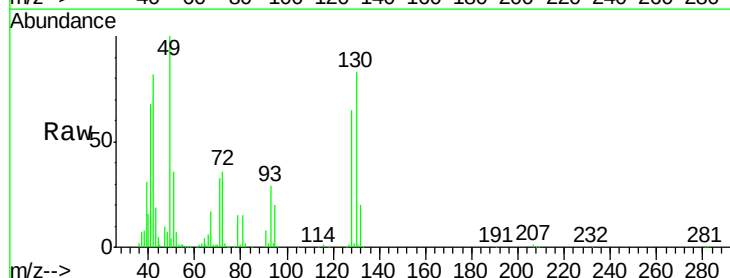
Tgt Ion: 49 Resp: 786701

Ion Ratio Lower Upper

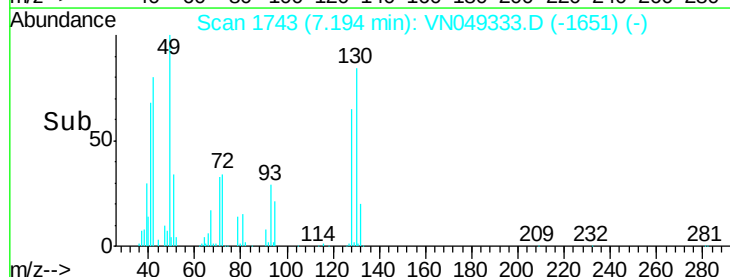
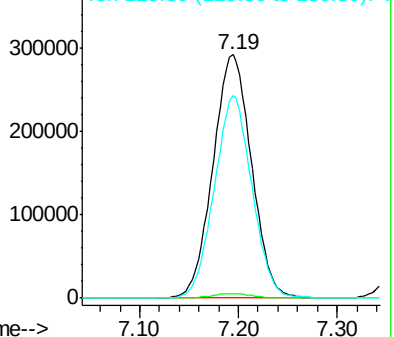
49 100

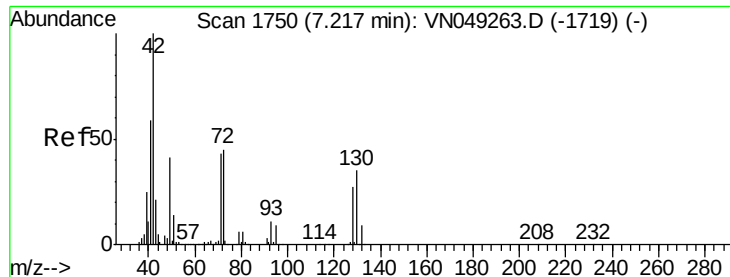
129 2.0 0.0 3.8

130 81.3 54.9 82.3



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





#29

Tetrahydrofuran

Concen: 258.08 ug/l

RT: 7.21 min Scan# 1748

Delta R.T. -0.01 min

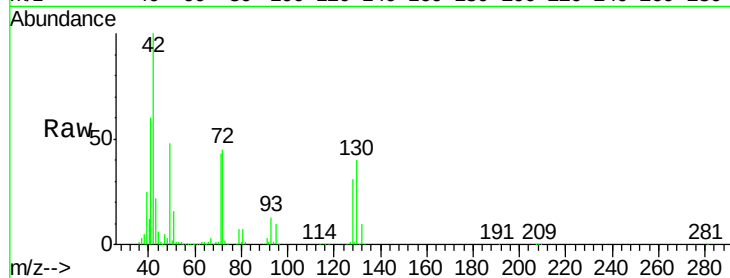
Lab File: VN049333.D

Acq: 18 Jun 2018 10:35

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 1102019

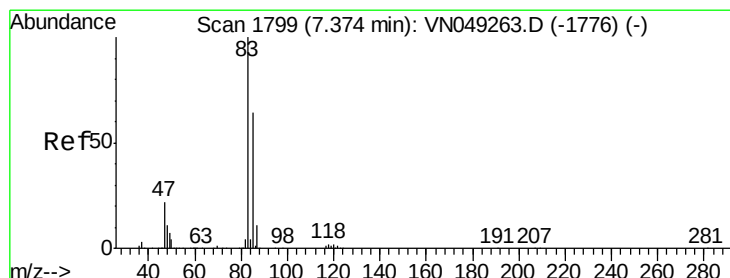
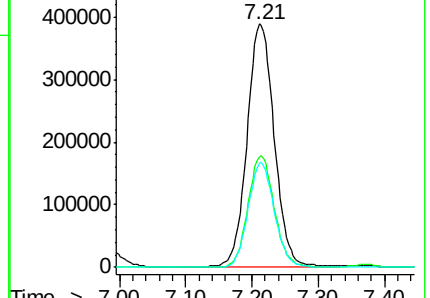
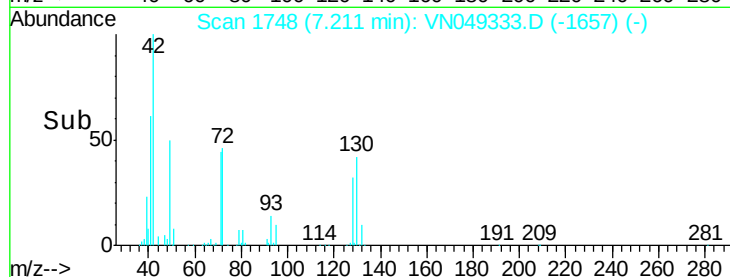
Ion	Ratio	Lower	Upper
42	100		
72	44.5	32.2	48.4
71	41.9	30.5	45.7



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 50.12 ug/l

RT: 7.37 min Scan# 1798

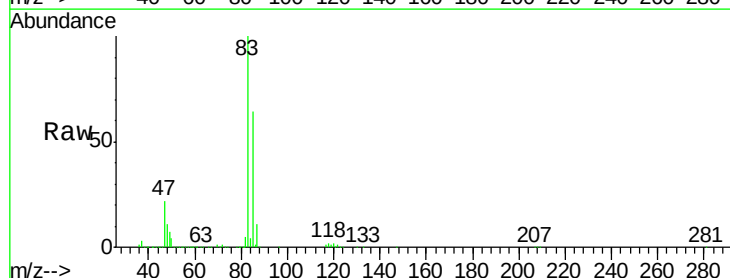
Delta R.T. -0.00 min

Lab File: VN049333.D

Acq: 18 Jun 2018 10:35

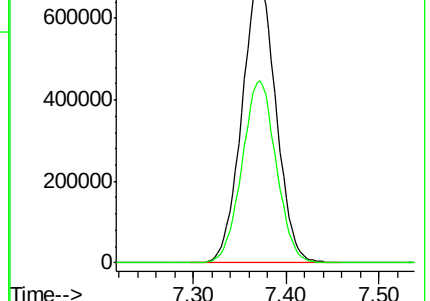
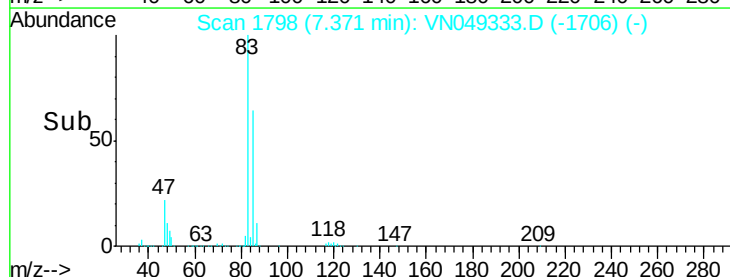
Tgt Ion: 83 Resp: 1770625

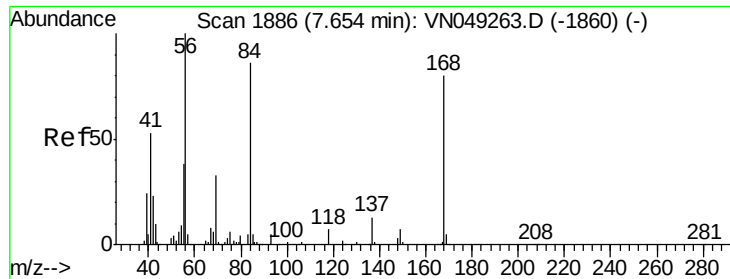
Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.7	77.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

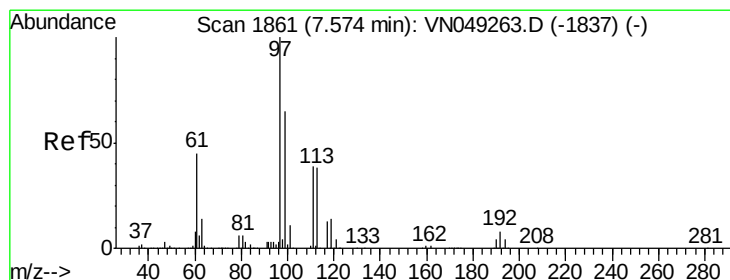
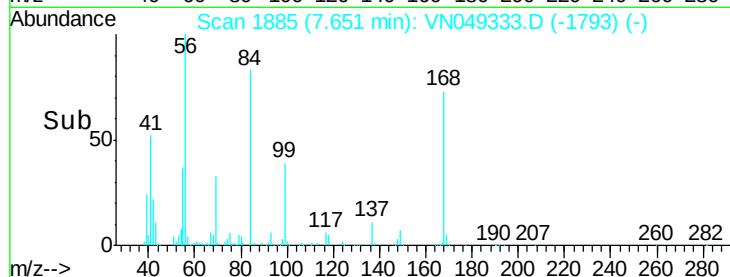
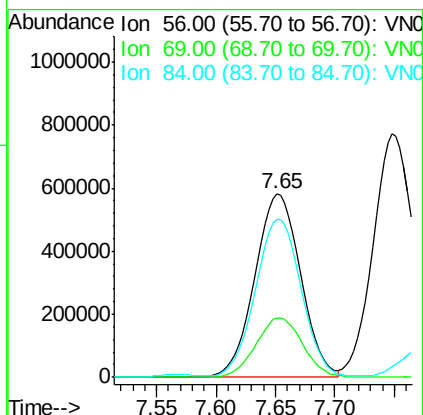
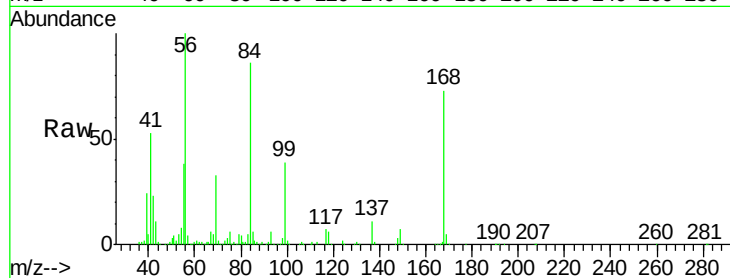




#31
Cyclohexane
Concen: 51.49 ug/l
RT: 7.65 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VN049333.D
Acq: 18 Jun 2018 10:35

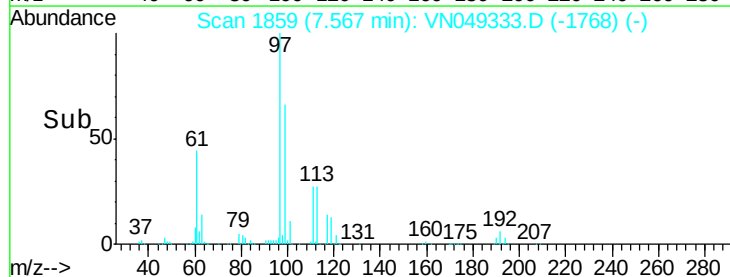
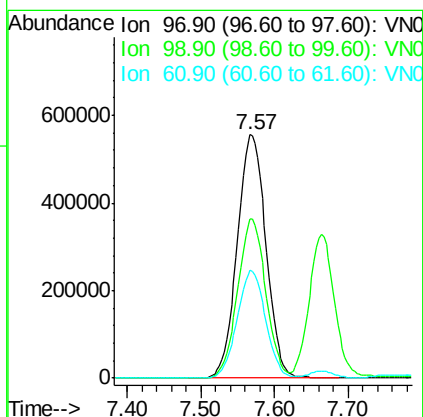
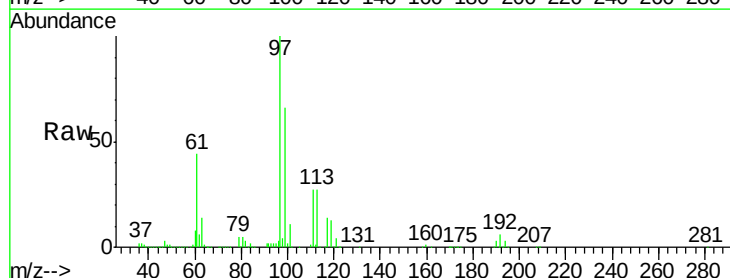
Instrument :
MSVOA_N
ClientSampled :

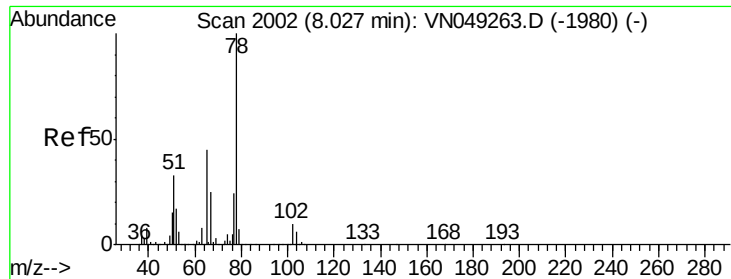
Tot Ion: 56 Resp: 1549360
Ion Ratio Lower Upper
56 100
69 32.5 25.0 37.4
84 84.7 64.6 96.8



#32
1,1,1-Trichloroethane
Concen: 50.12 ug/l
RT: 7.57 min Scan# 1859
Delta R.T. -0.01 min
Lab File: VN049333.D
Acq: 18 Jun 2018 10:35

Tgt Ion: 97 Resp: 1510804
Ion Ratio Lower Upper
97 100
99 64.1 50.5 75.7
61 43.7 37.9 56.9

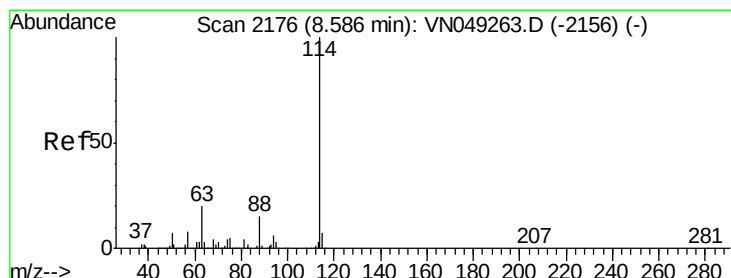
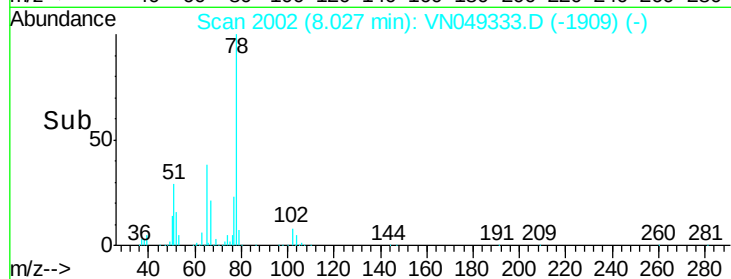
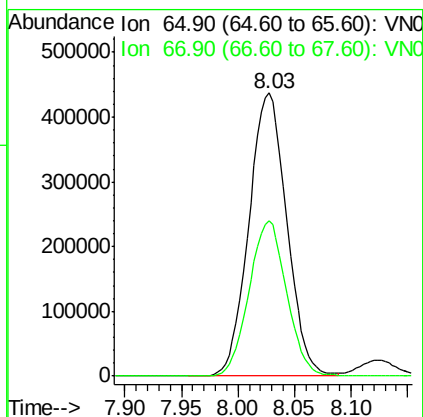
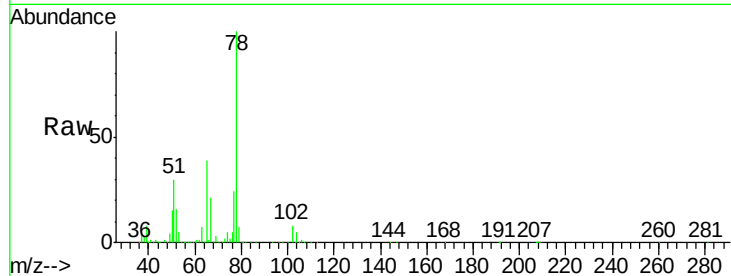




#33
 1,2-Dichloroethane-d4
 Concen: 49.98 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049333.D
 Acq: 18 Jun 2018 10:35

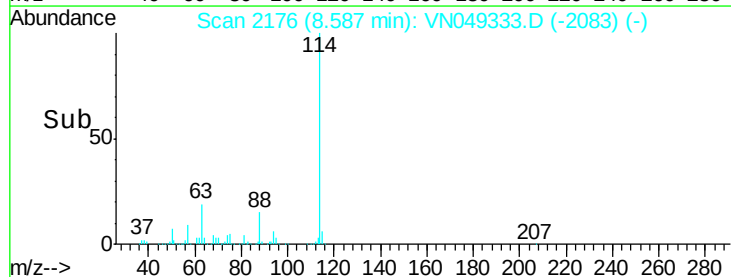
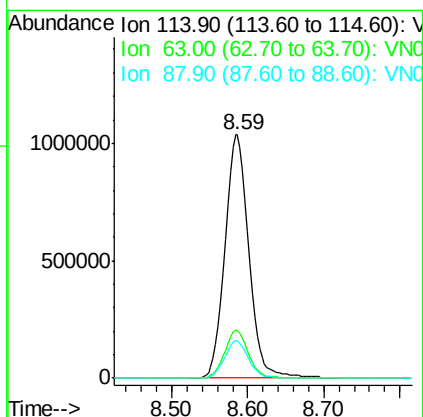
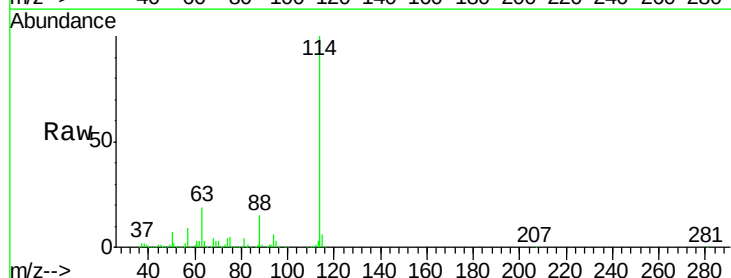
Instrument :
 MSVOA_N
 ClientSampleId :

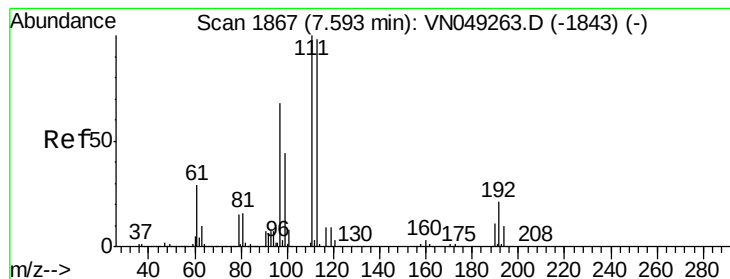
Tot Ion: 65 Resp: 1016828
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049333.D
 Acq: 18 Jun 2018 10:35

Tgt Ion: 114 Resp: 2270461
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 44.4
 88 15.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.46 ug/l

RT: 7.59 min Scan# 1866

Delta R.T. -0.00 min

Lab File: VN049333.D

Acq: 18 Jun 2018 10:35

Instrument :

MSVOA_N

ClientSampleId :

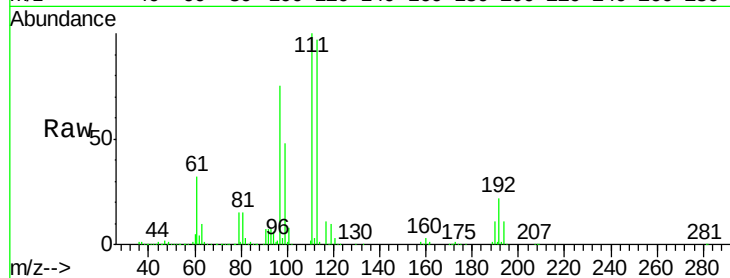
Tot Ion:113 Resp: 926971

Ion Ratio Lower Upper

113 100

111 102.3 82.4 123.6

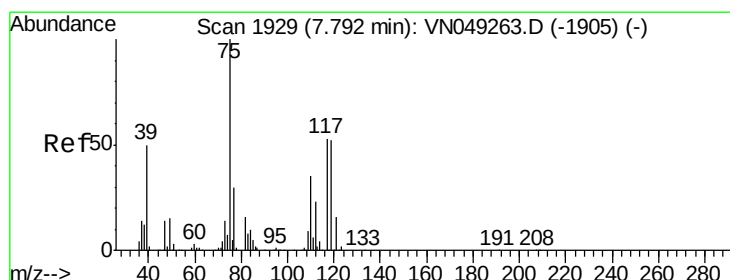
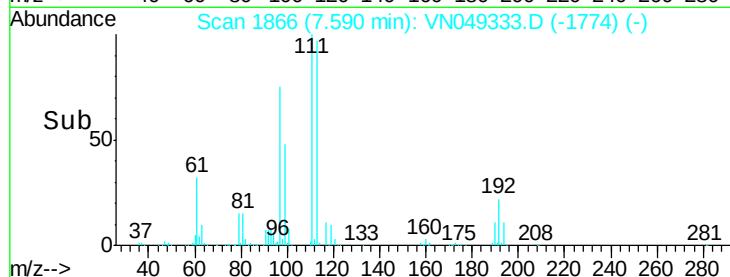
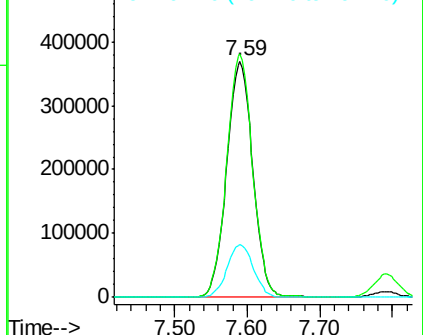
192 22.6 15.0 22.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 52.24 ug/l

RT: 7.79 min Scan# 1929

Delta R.T. 0.00 min

Lab File: VN049333.D

Acq: 18 Jun 2018 10:35

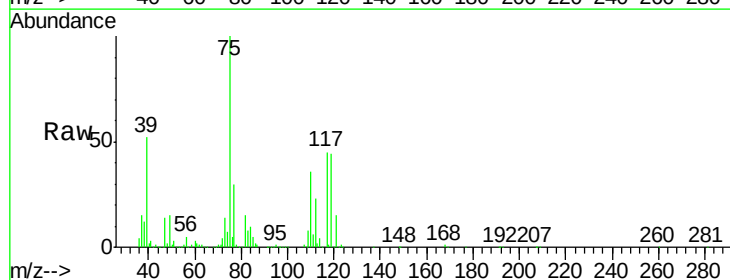
Tgt Ion: 75 Resp: 1359517

Ion Ratio Lower Upper

75 100

110 35.7 17.0 50.9

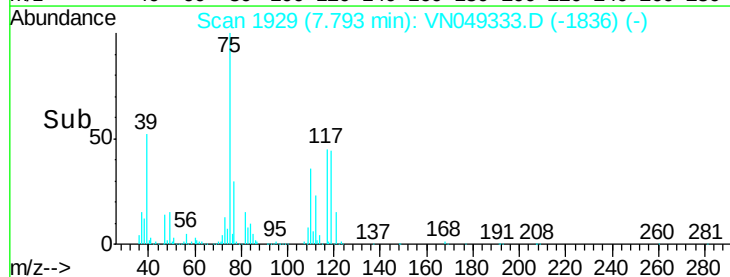
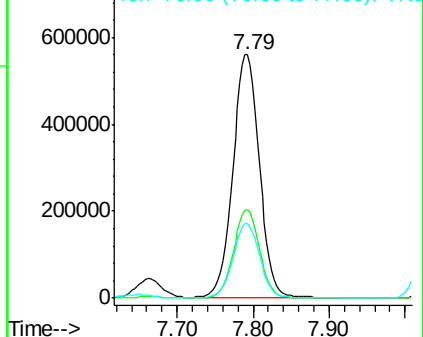
77 30.8 24.4 36.6

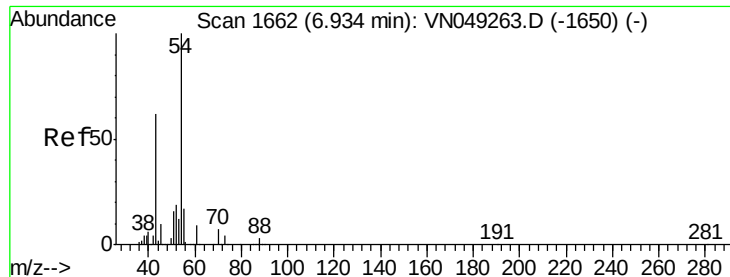


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

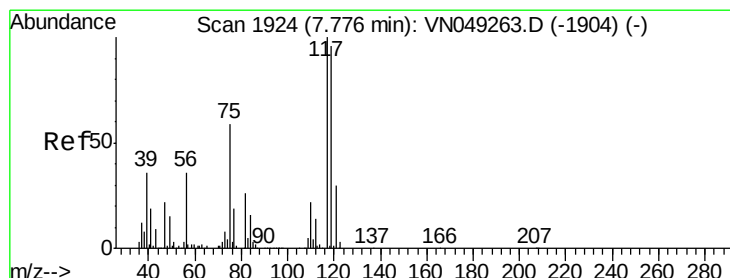
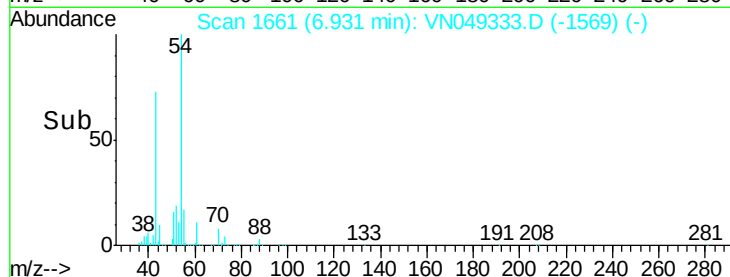
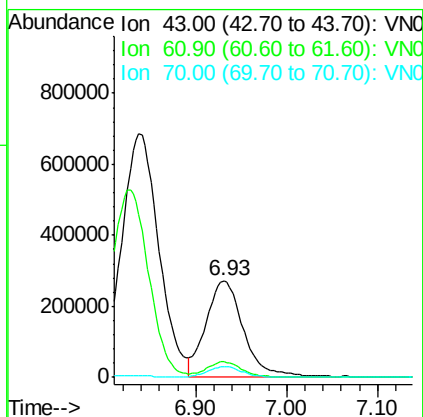
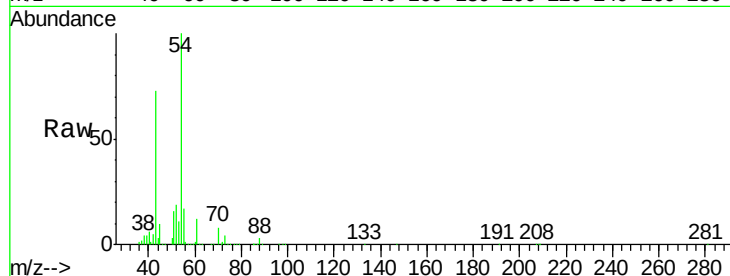




#37
Ethyl Acetate
Concen: 54.14 ug/l
RT: 6.93 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VN049333.D
Acq: 18 Jun 2018 10:35

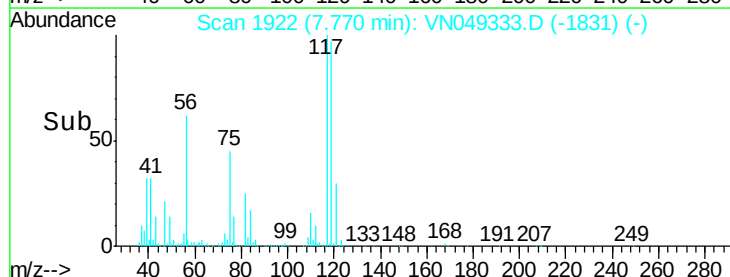
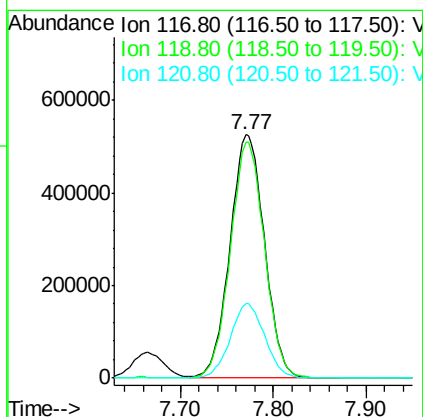
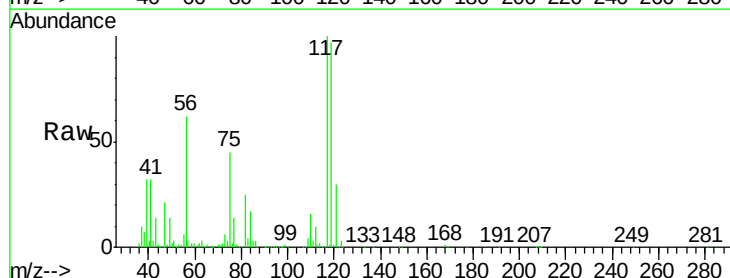
Instrument :
MSVOA_N
ClientSampled :

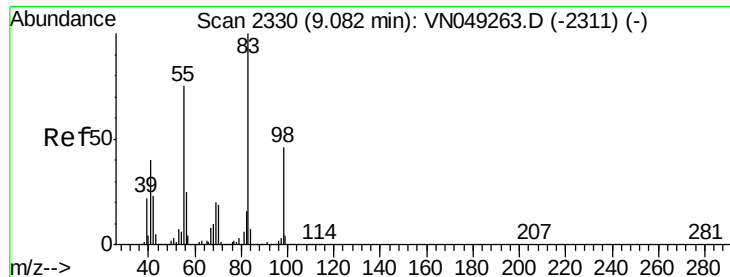
Tot Ion: 43 Resp: 765952
Ion Ratio Lower Upper
43 100
61 15.2 11.0 16.4
70 10.9 7.2 10.8#



#38
Carbon Tetrachloride
Concen: 50.14 ug/l
RT: 7.77 min Scan# 1922
Delta R.T. -0.01 min
Lab File: VN049333.D
Acq: 18 Jun 2018 10:35

Tgt Ion: 117 Resp: 1350867
Ion Ratio Lower Upper
117 100
119 97.0 75.6 113.4
121 30.5 24.7 37.1

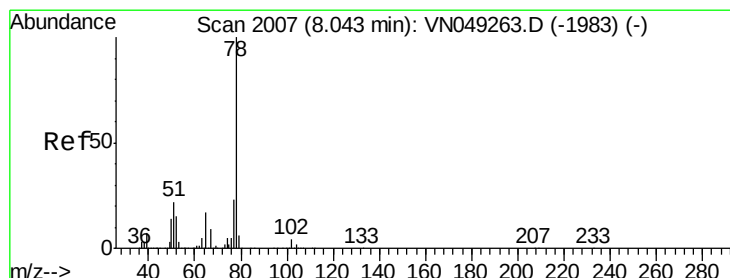
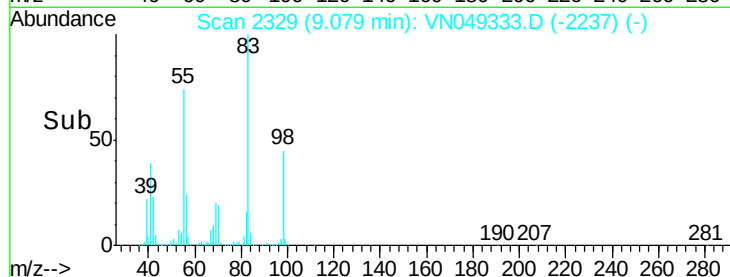
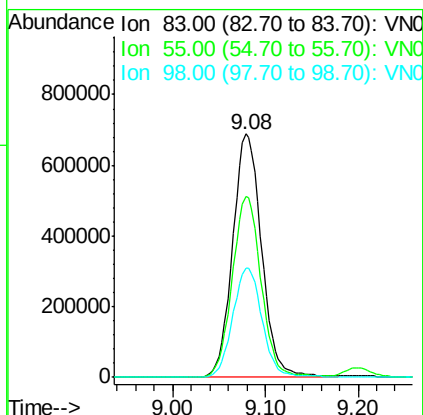
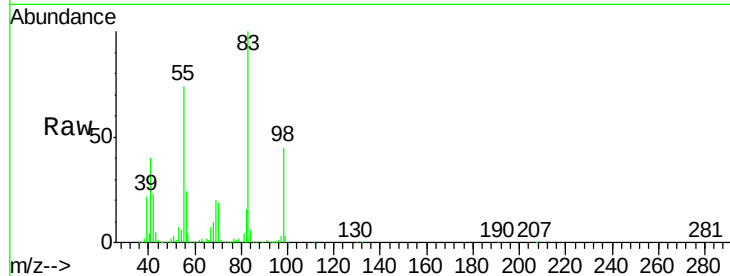




#39
Methylvlcyclohexane
Concen: 53.48 ug/l
RT: 9.08 min Scan# 2329
Delta R.T. -0.00 min
Lab File: VN049333.D
Acq: 18 Jun 2018 10:35

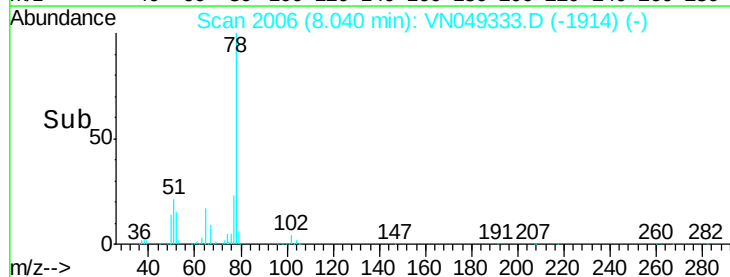
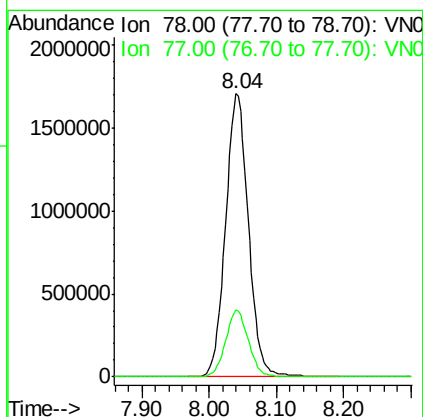
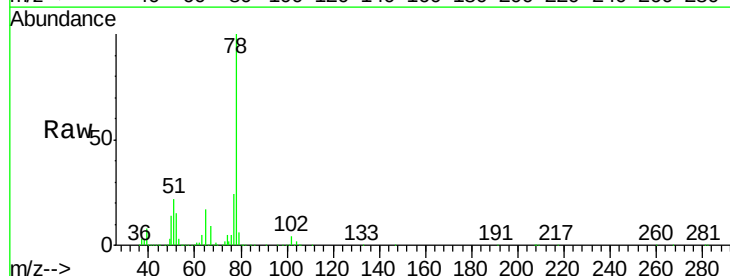
Instrument :
MSVOA_N
ClientSampleId :

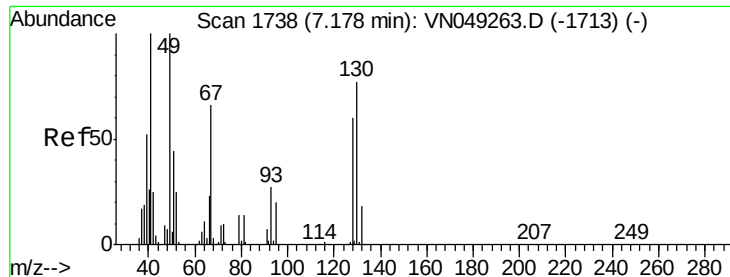
Tot Ion: 83 Resp: 1493944
Ion Ratio Lower Upper
83 100
55 74.2 65.1 97.7
98 44.6 36.5 54.7



#40
Benzene
Concen: 50.59 ug/l
RT: 8.04 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VN049333.D
Acq: 18 Jun 2018 10:35

Tgt Ion: 78 Resp: 4036015
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0

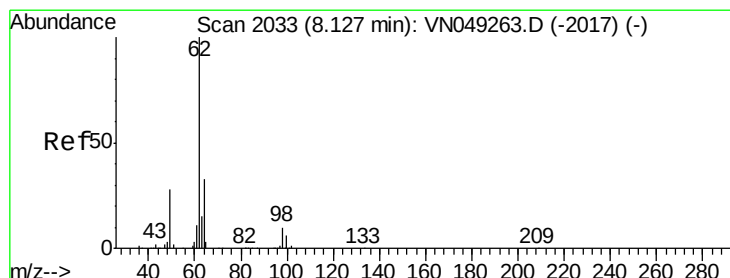
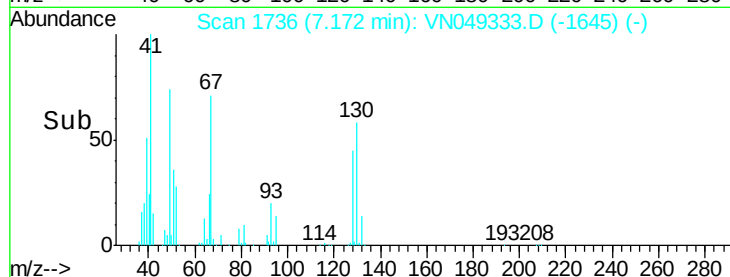
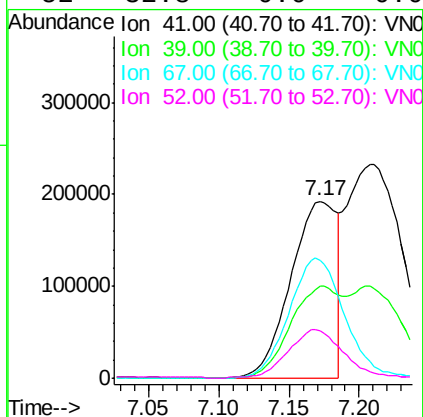
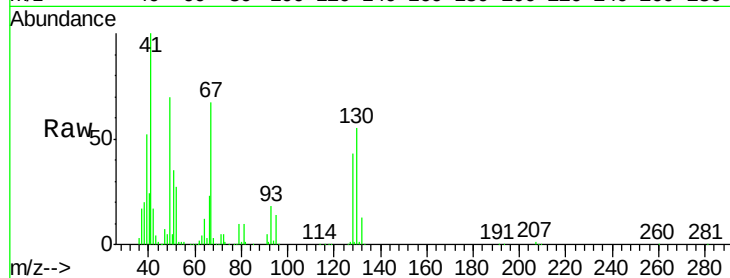




#41
Methacrylonitrile
Concen: 56.80 ug/l
RT: 7.17 min Scan# 1736
Delta R.T. -0.01 min
Lab File: VN049333.D
Acq: 18 Jun 2018 10:35

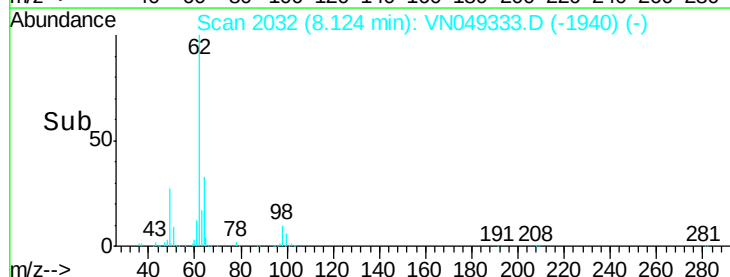
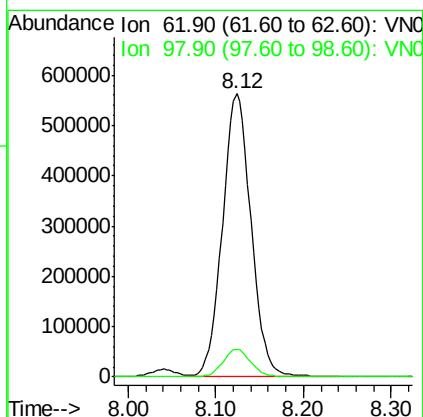
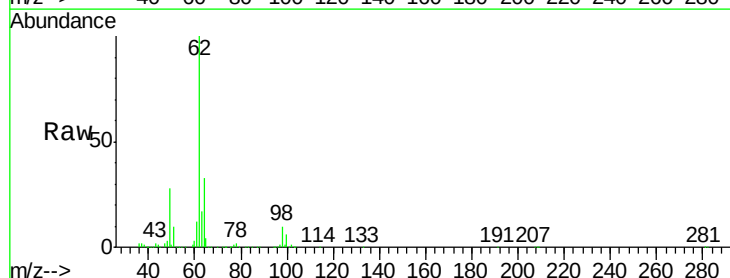
Instrument :
MSVOA_N
ClientSampleId :

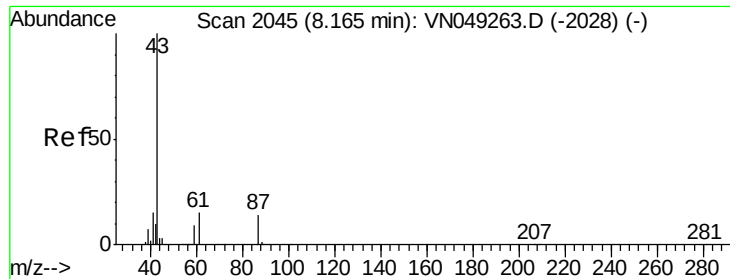
Tot Ion: 41 Resp: 434418
Ion Ratio Lower Upper
41 100
39 56.1 0.0 0.0#
67 82.6 0.0 0.0#
52 32.8 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 51.58 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. -0.00 min
Lab File: VN049333.D
Acq: 18 Jun 2018 10:35

Tgt Ion: 62 Resp: 1271240
Ion Ratio Lower Upper
62 100
98 9.7 0.0 16.2



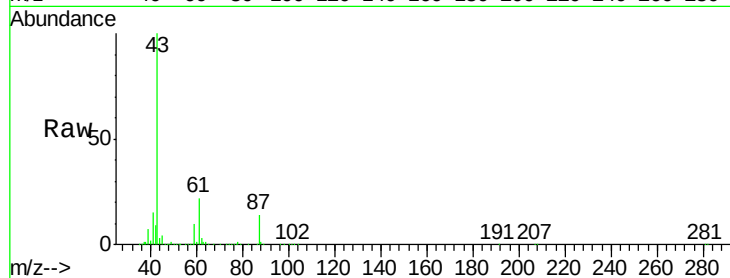


#43

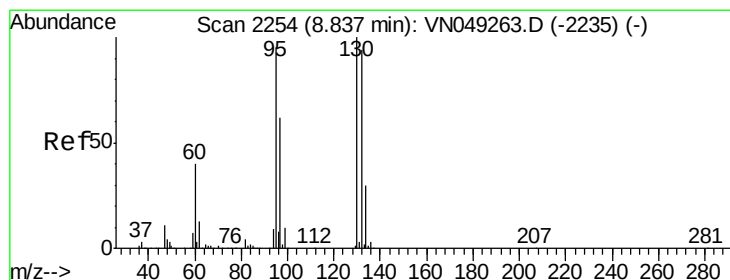
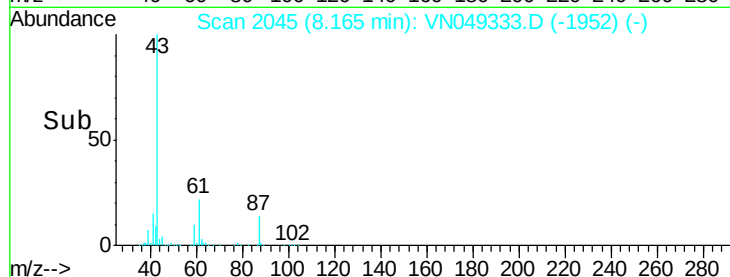
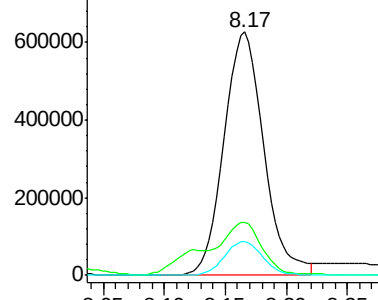
Isopropyl Acetate
 Concen: 52.42 ug/l
 RT: 8.17 min Scan# 2045
 Delta R.T. 0.00 min
 Lab File: VN049333.D
 Acq: 18 Jun 2018 10:35

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 43 Resp: 1416904
 Ion Ratio Lower Upper
 43 100
 61 19.2 14.2 21.4
 87 13.7 9.4 14.0



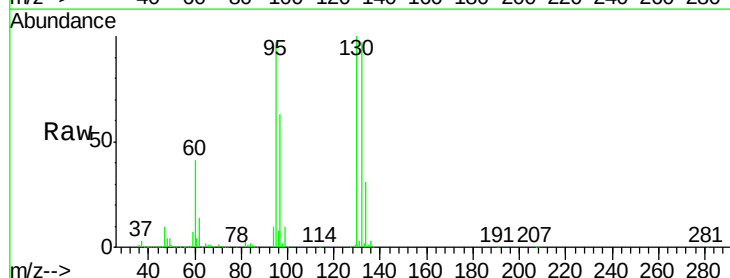
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



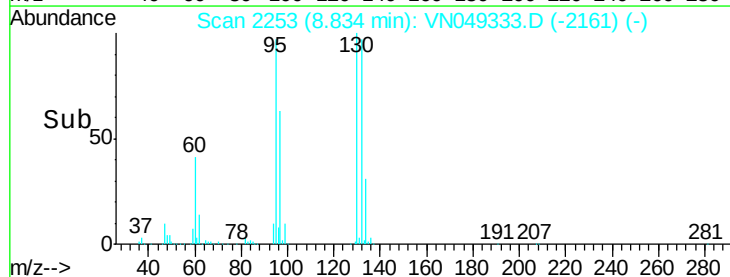
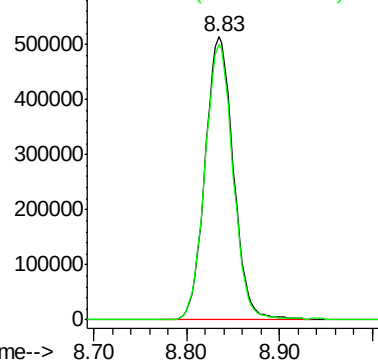
#44

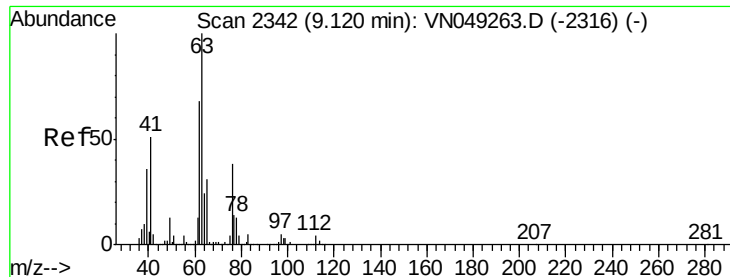
Trichloroethene
 Concen: 51.57 ug/l
 RT: 8.83 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VN049333.D
 Acq: 18 Jun 2018 10:35

Tgt Ion:130 Resp: 1086357
 Ion Ratio Lower Upper
 130 100
 95 97.4 0.0 208.6



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VN0

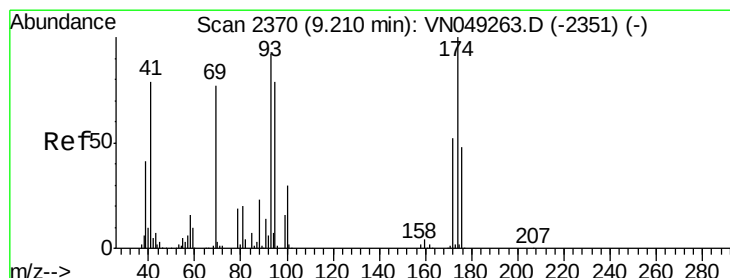
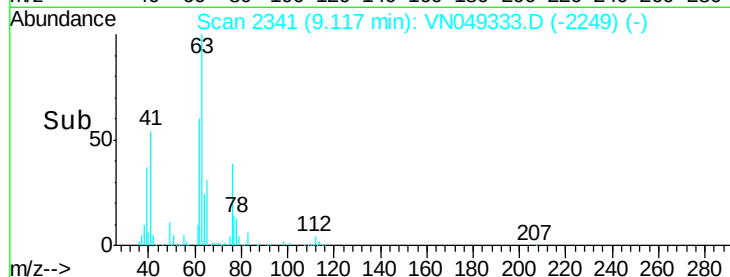
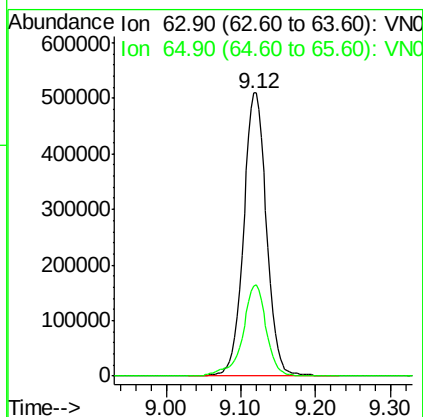
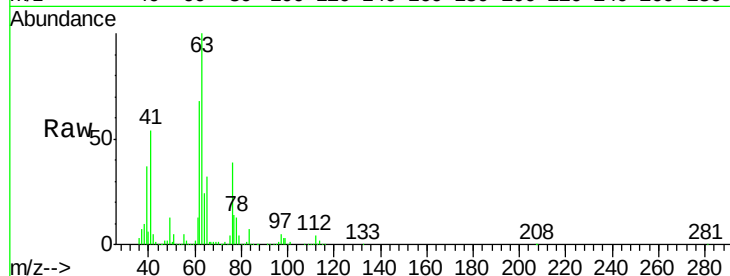




#45
 1,2-Dichloropropane
 Concen: 51.86 ug/l
 RT: 9.12 min Scan# 2341
 Delta R.T. -0.00 min
 Lab File: VN049333.D
 Acq: 18 Jun 2018 10:35

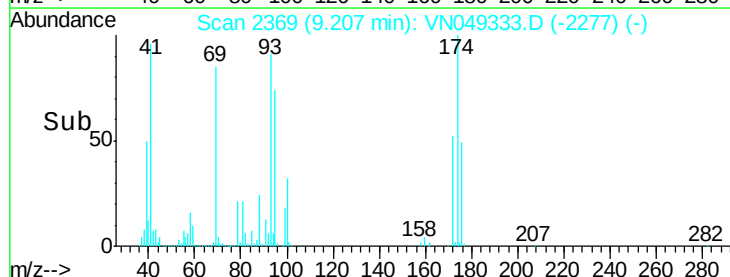
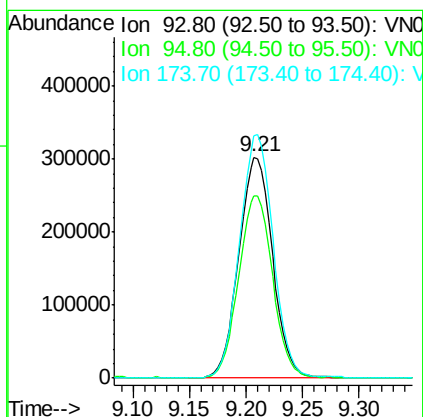
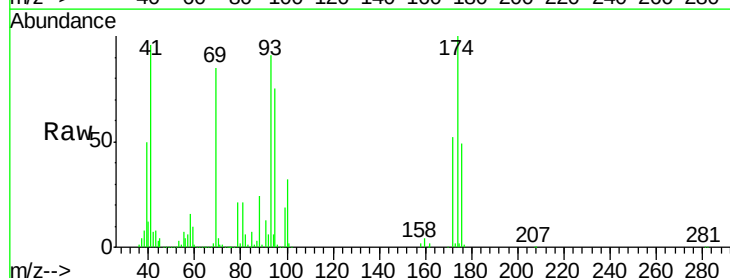
Instrument :
 MSVOA_N
 ClientSampled :

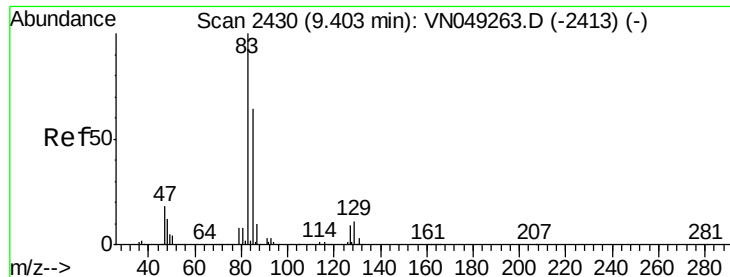
Tot Ion: 63 Resp: 1083219
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.8 37.2



#46
 Dibromomethane
 Concen: 52.20 ug/l
 RT: 9.21 min Scan# 2369
 Delta R.T. -0.00 min
 Lab File: VN049333.D
 Acq: 18 Jun 2018 10:35

Tgt Ion: 93 Resp: 632186
 Ion Ratio Lower Upper
 93 100
 95 82.5 67.2 100.8
 174 109.7 75.6 113.4





#47

Bromodichloromethane

Concen: 51.94 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049333.D

Acq: 18 Jun 2018 10:35

Instrument :
MSVOA_N
ClientSampleId :

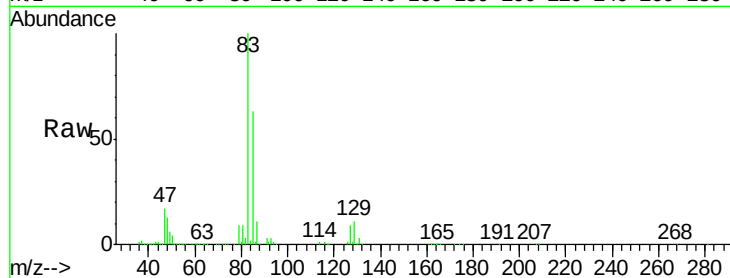
Tot Ion: 83 Resp: 1382354

Ion Ratio Lower Upper

83 100

85 63.1 49.4 74.0

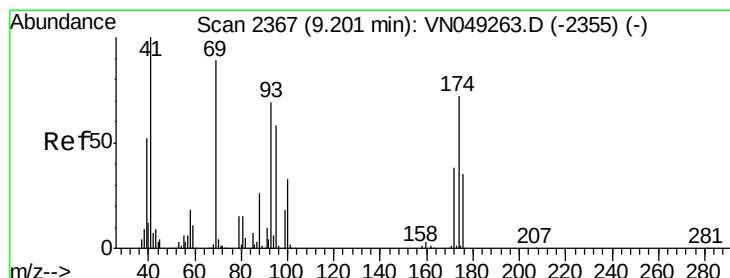
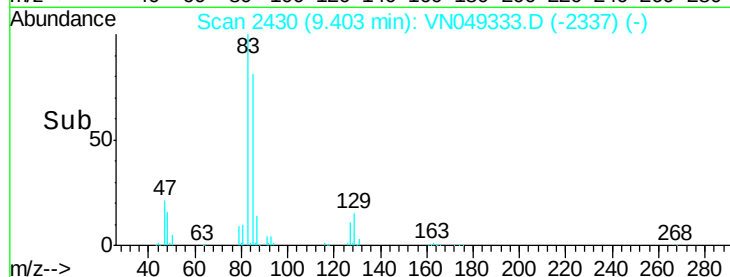
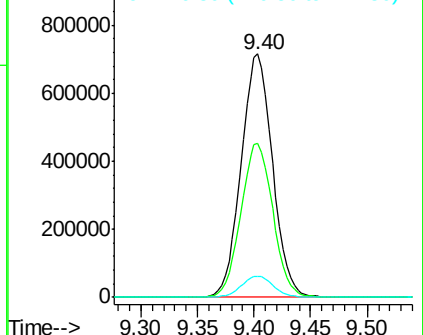
127 8.8 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN049333.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049333.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049333.D (-2337) (-)



#48

Methyl methacrylate

Concen: 55.90 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN049333.D

Acq: 18 Jun 2018 10:35

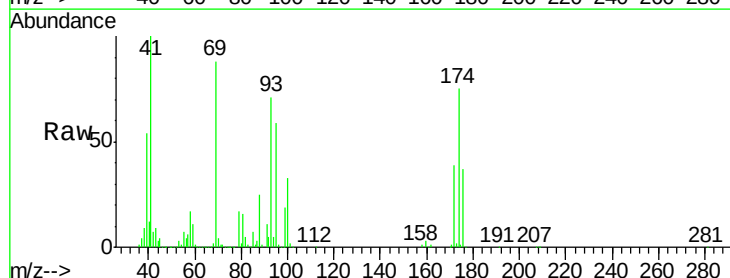
Tgt Ion: 41 Resp: 711537

Ion Ratio Lower Upper

41 100

69 88.9 62.0 93.0

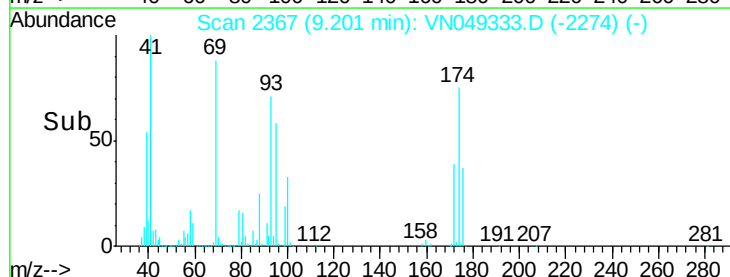
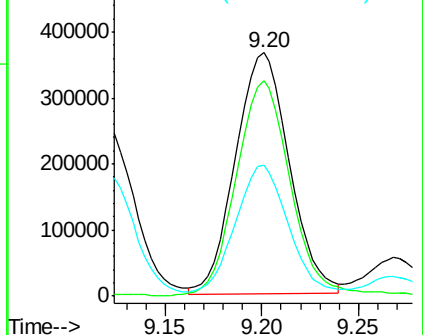
39 53.0 50.6 75.8

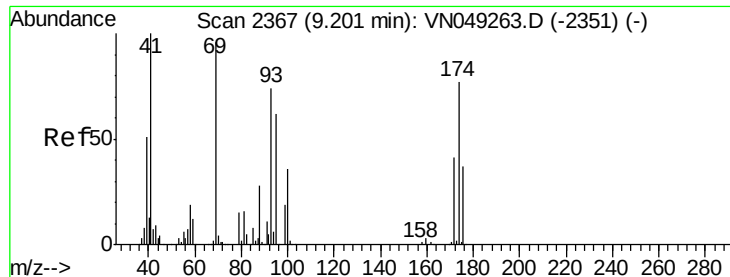


Abundance Ion 41.00 (40.70 to 41.70): VN049333.D (-2274) (-)

Ion 69.00 (68.70 to 69.70): VN049333.D (-2274) (-)

Ion 39.00 (38.70 to 39.70): VN049333.D (-2274) (-)

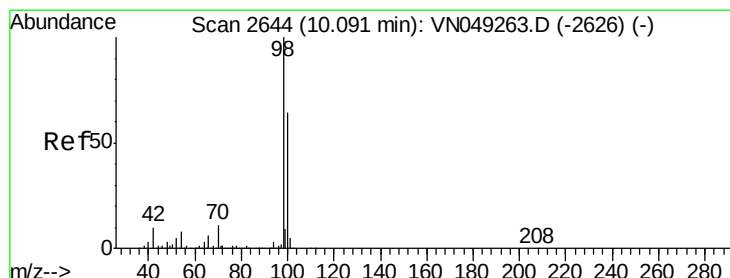
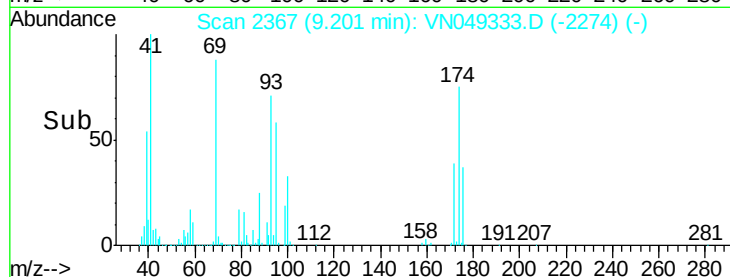
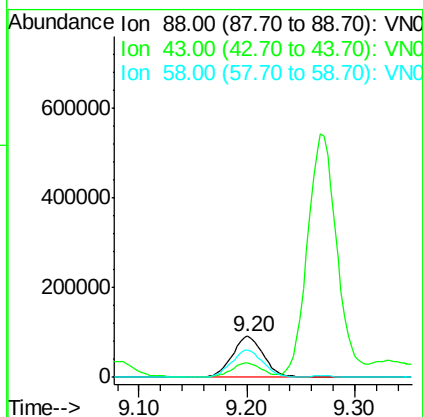
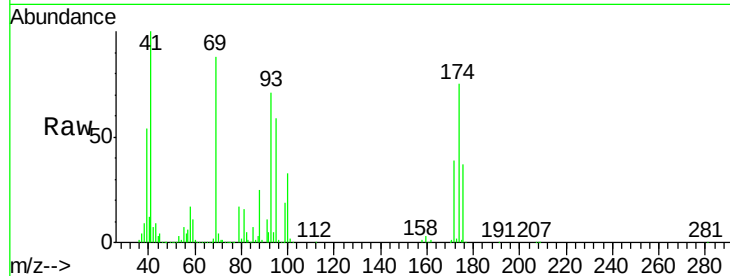




#49
 1,4-Dioxane
 Concen: 1062.95 ug/l
 RT: 9.20 min Scan# 2367
 Delta R.T. 0.00 min
 Lab File: VN049333.D
 Acq: 18 Jun 2018 10:35

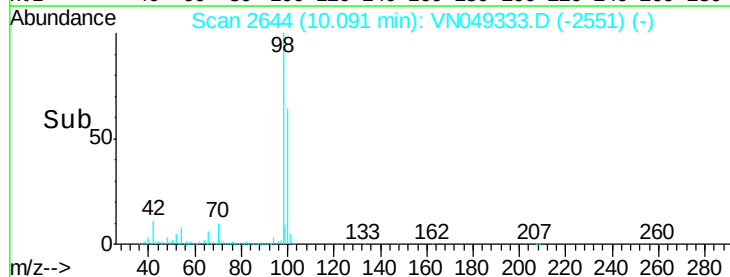
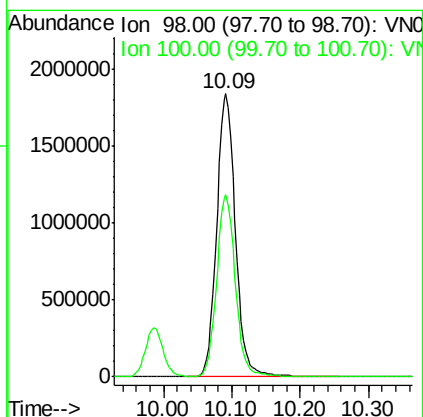
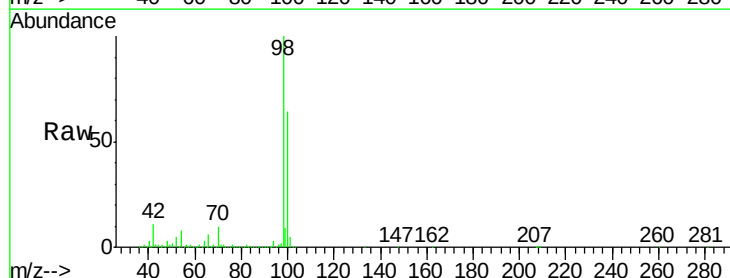
Instrument :
 MSVOA_N
 ClientSampleId :

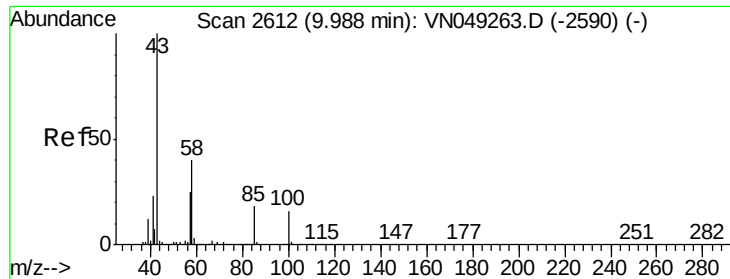
Tot Ion: 88 Resp: 186730
 Ion Ratio Lower Upper
 88 100
 43 31.6 30.9 46.3
 58 67.6 58.9 88.3



#50
 Toluene-d8
 Concen: 50.20 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. 0.00 min
 Lab File: VN049333.D
 Acq: 18 Jun 2018 10:35

Tgt Ion: 98 Resp: 3511383
 Ion Ratio Lower Upper
 98 100
 100 64.5 49.8 74.8





#51

4-Methyl-2-Pentanone

Concen: 267.72 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN049333.D

Acq: 18 Jun 2018 10:35

Instrument :

MSVOA_N

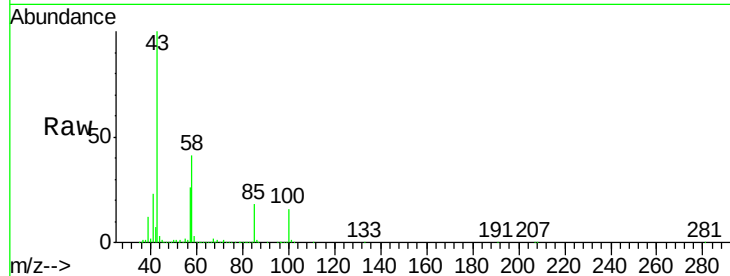
ClientSampleId :

Tot Ion: 43 Resp: 3792544

Ion Ratio Lower Upper

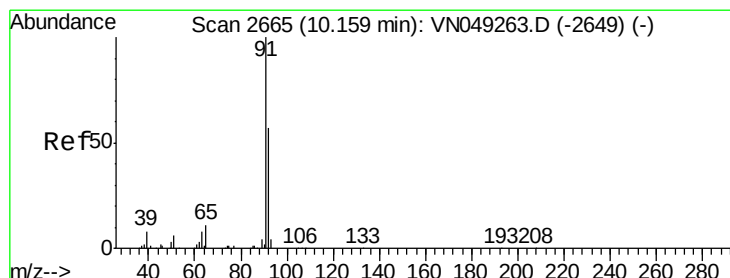
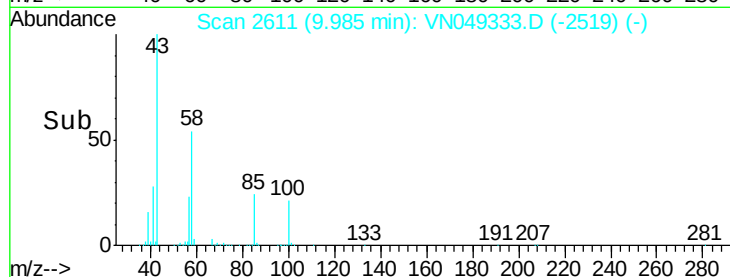
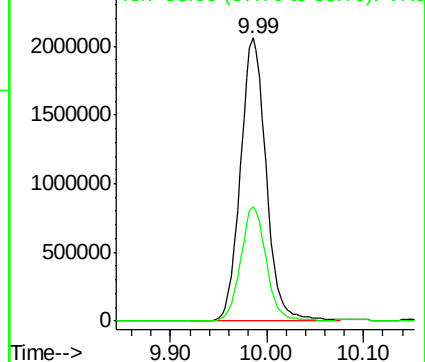
43 100

58 40.3 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 53.55 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN049333.D

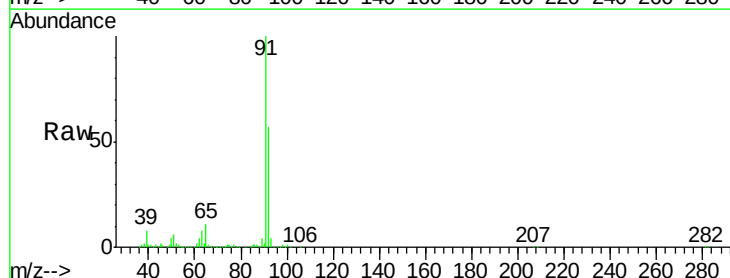
Acq: 18 Jun 2018 10:35

Tgt Ion: 92 Resp: 2507600

Ion Ratio Lower Upper

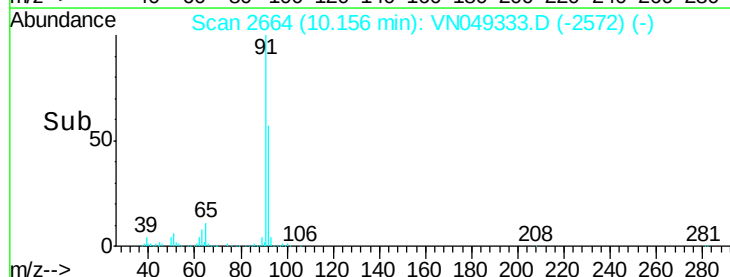
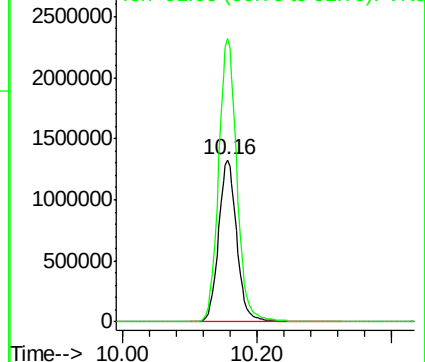
92 100

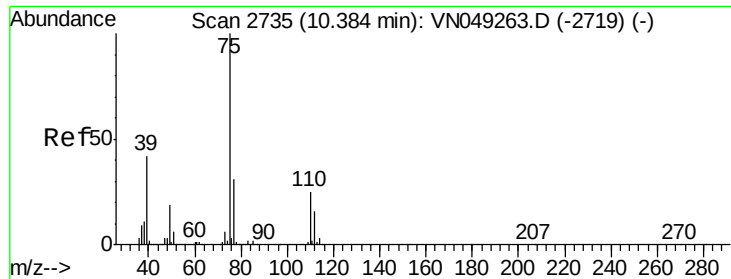
91 175.4 143.4 215.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 55.77 ug/l

RT: 10.38 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN049333.D

Acq: 18 Jun 2018 10:35

Instrument :

MSVOA_N

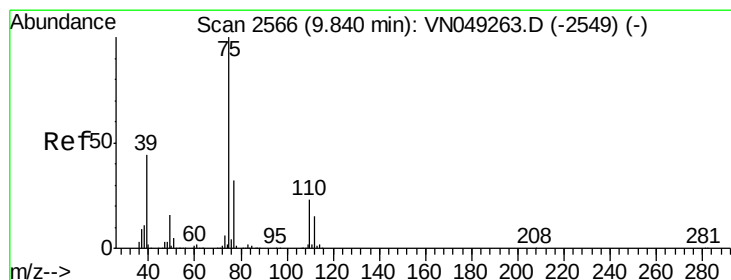
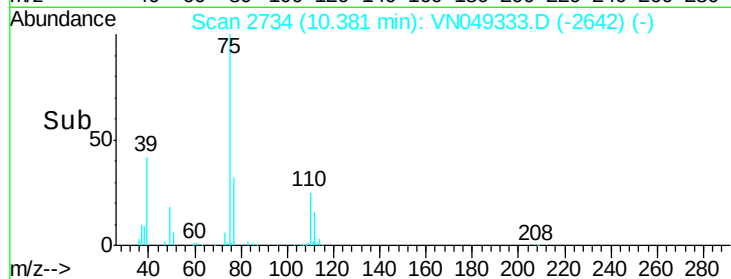
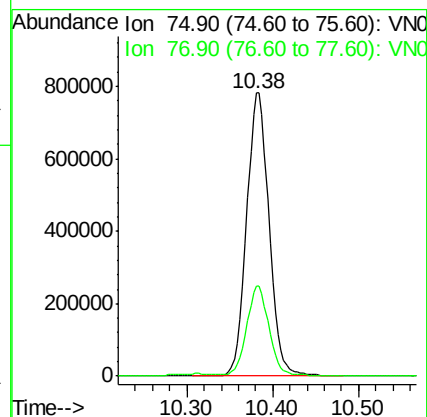
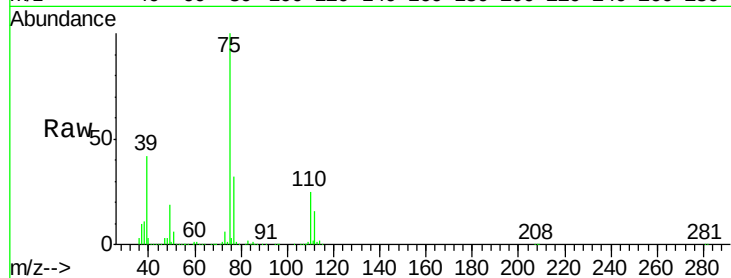
ClientSampleId :

Tot Ion: 75 Resp: 1420000

Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 54.92 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049333.D

Acq: 18 Jun 2018 10:35

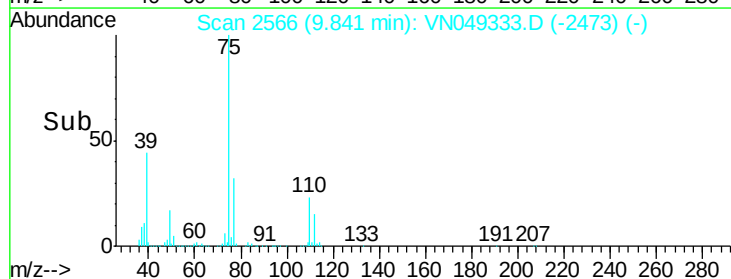
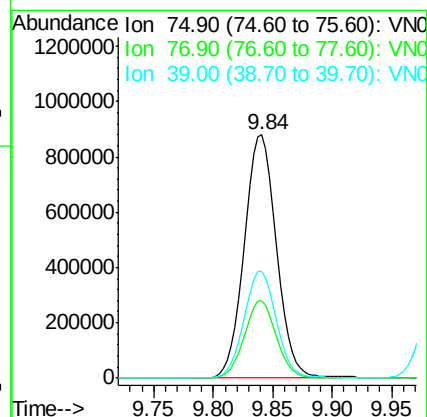
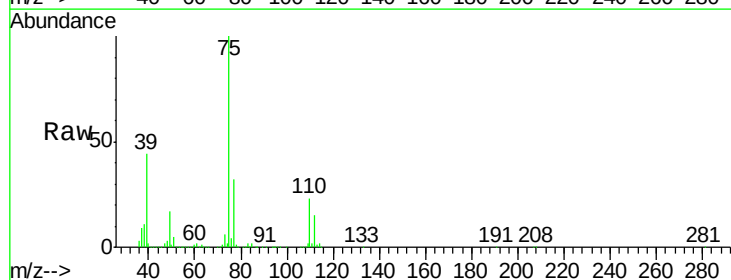
Tgt Ion: 75 Resp: 1651032

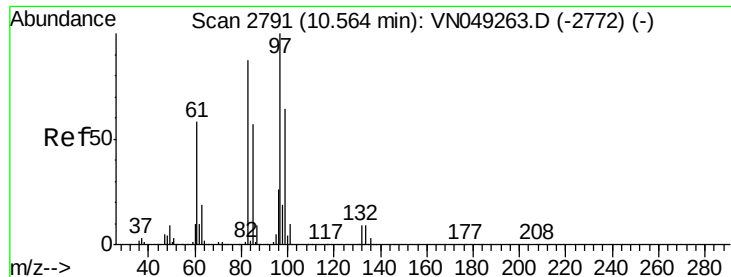
Ion Ratio Lower Upper

75 100

77 31.9 24.8 37.2

39 43.7 45.1 67.7#

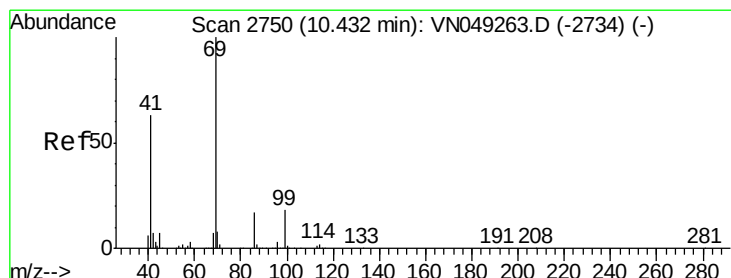
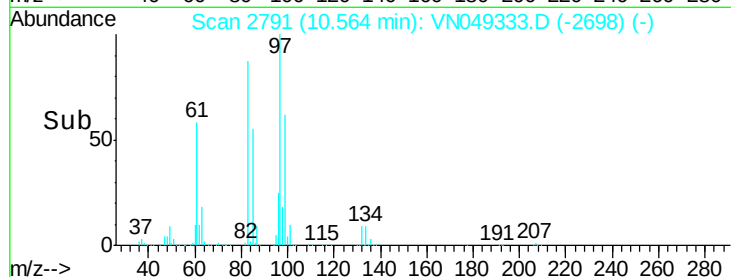
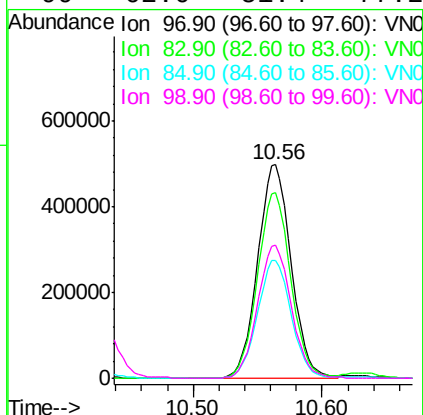
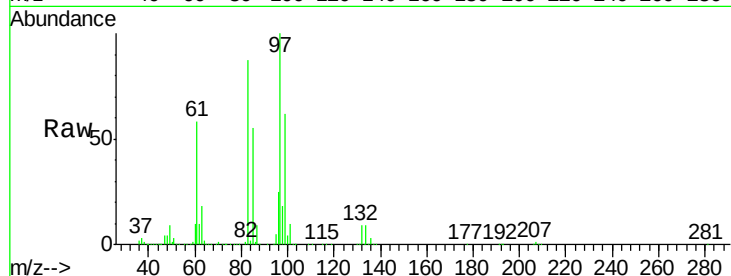




#55
 1,1,2-Trichloroethane
 Concen: 51.56 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049333.D
 Acq: 18 Jun 2018 10:35

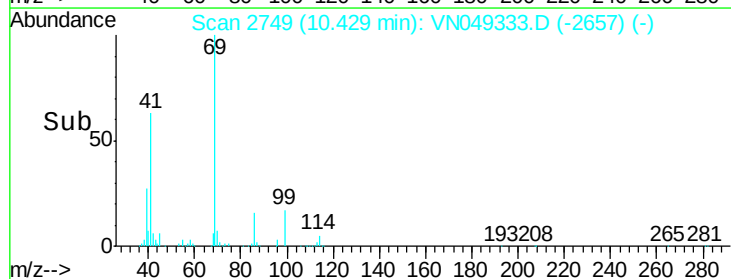
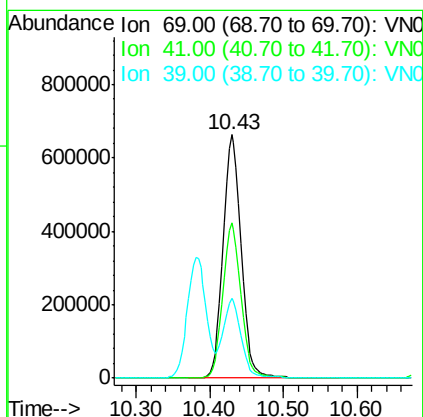
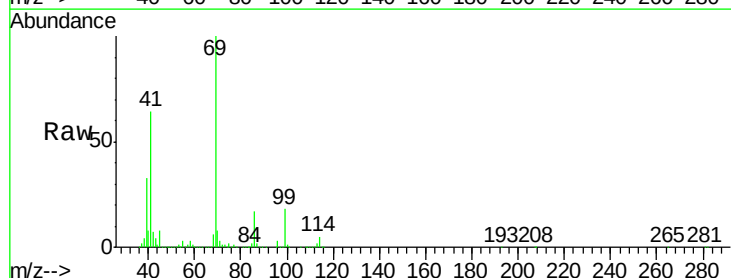
Instrument :
 MSVOA_N
 ClientSampleId :

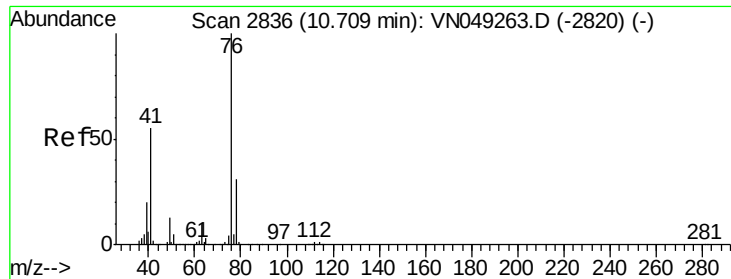
Tot Ion:	97	Resp:	899961
Ion	Ratio	Lower	Upper
97	100		
83	86.9	71.5	107.3
85	55.4	47.0	70.4
99	62.0	51.4	77.2



#56
 Ethyl methacrylate
 Concen: 56.42 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. -0.00 min
 Lab File: VN049333.D
 Acq: 18 Jun 2018 10:35

Tgt Ion:	69	Resp:	1136072
Ion	Ratio	Lower	Upper
69	100		
41	62.8	58.4	87.6
39	32.6	35.5	53.3#





#57

1,3-Dichloropropane

Concen: 53.17 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049333.D

Acq: 18 Jun 2018 10:35

Instrument :

MSVOA_N

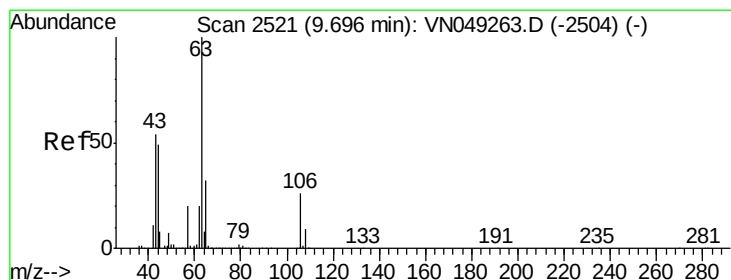
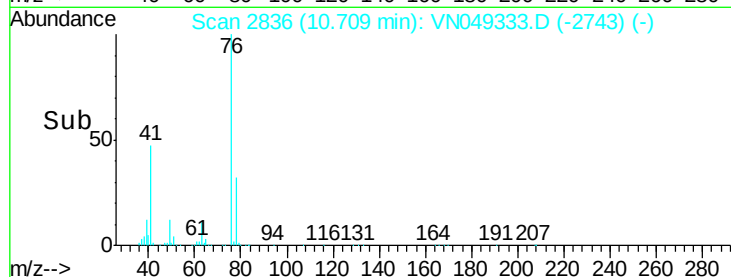
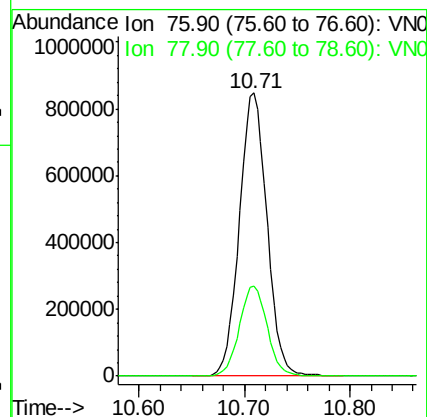
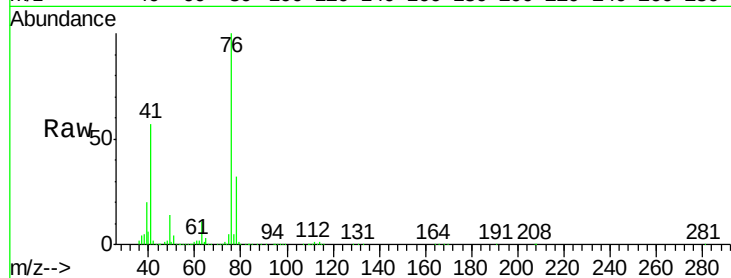
ClientSampleId :

Tot Ion: 76 Resp: 1537549

Ion Ratio Lower Upper

76 100

78 32.1 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 236.21 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049333.D

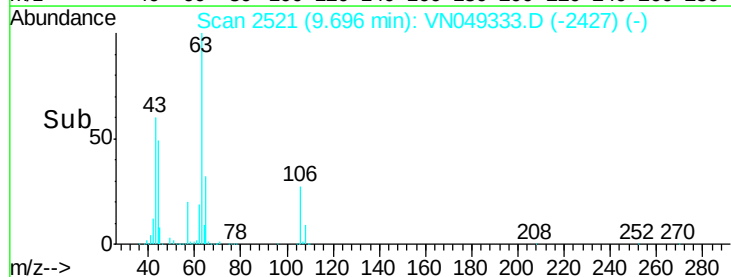
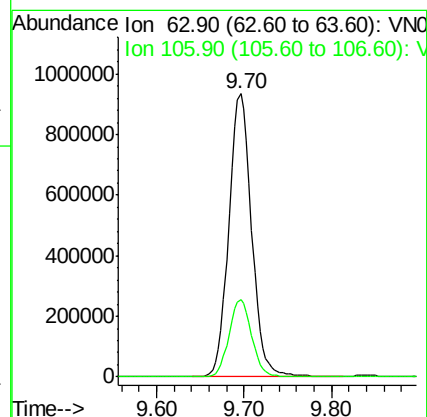
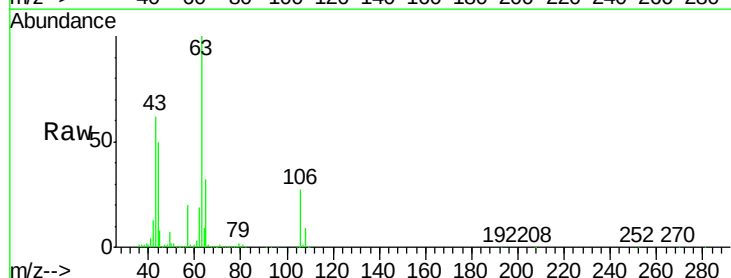
Acq: 18 Jun 2018 10:35

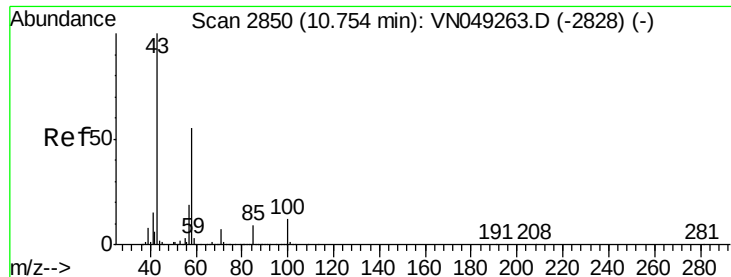
Tgt Ion: 63 Resp: 1694503

Ion Ratio Lower Upper

63 100

106 27.1 19.4 29.2

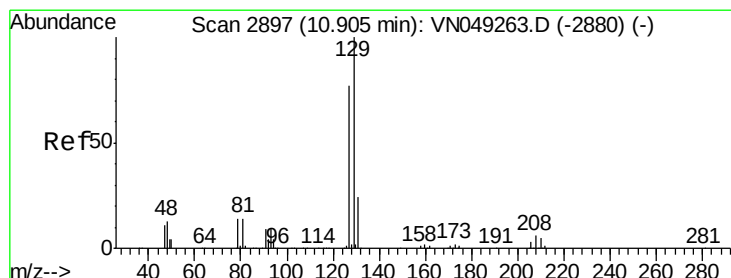
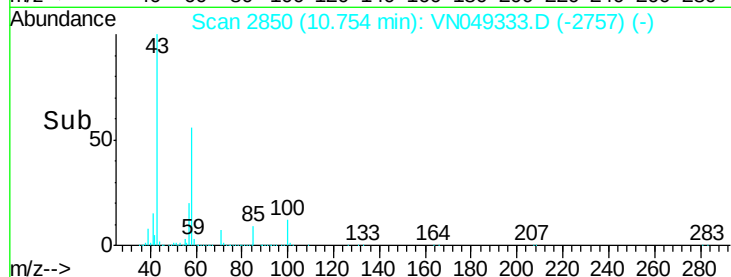
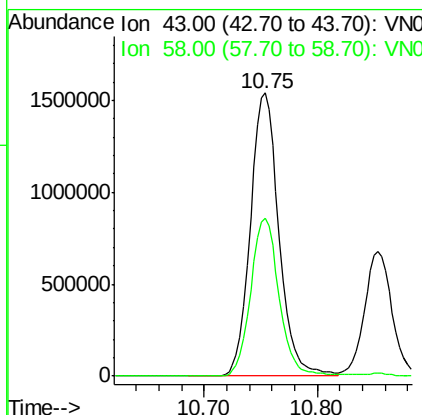
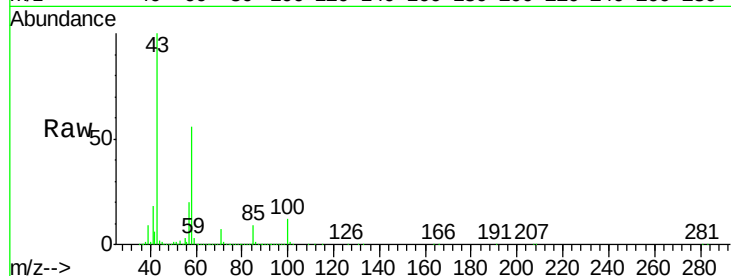




#59
2-Hexanone
Concen: 295.36 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049333.D
Acq: 18 Jun 2018 10:35

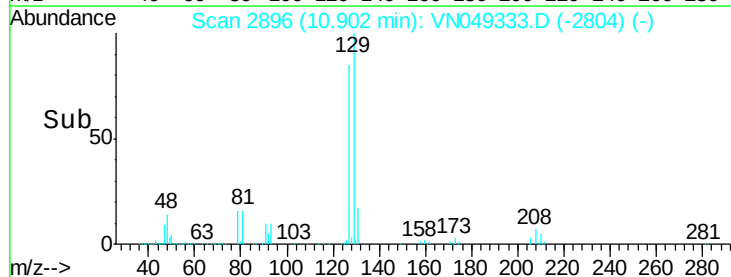
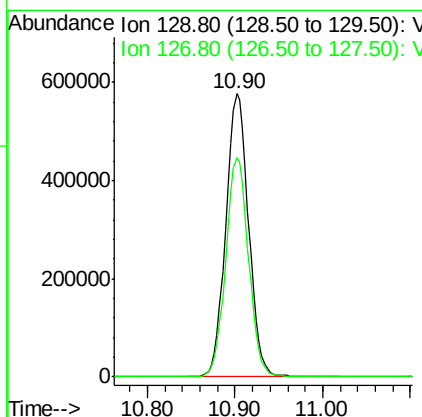
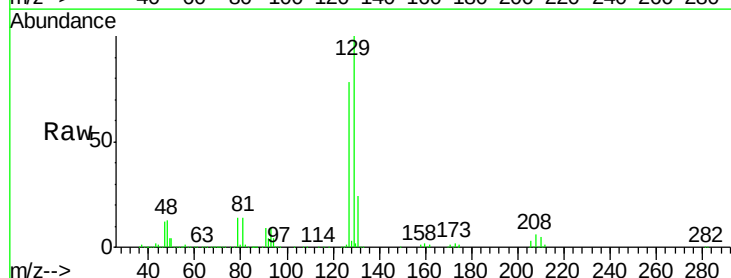
Instrument :
MSVOA_N
ClientSampleId :

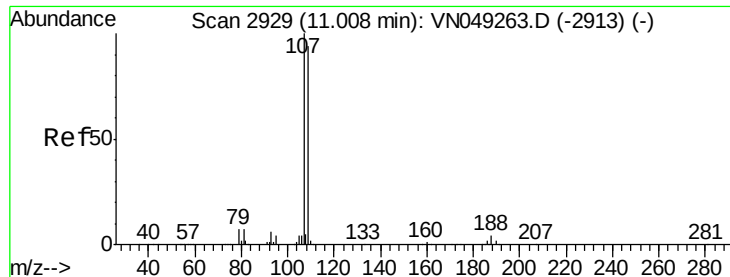
Tot Ion: 43 Resp: 2697525
Ion Ratio Lower Upper
43 100
58 56.2 25.2 75.6



#60
Dibromochloromethane
Concen: 53.49 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VN049333.D
Acq: 18 Jun 2018 10:35

Tgt Ion: 129 Resp: 1042021
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.2

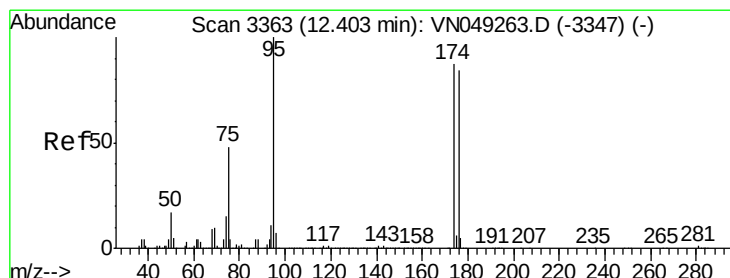
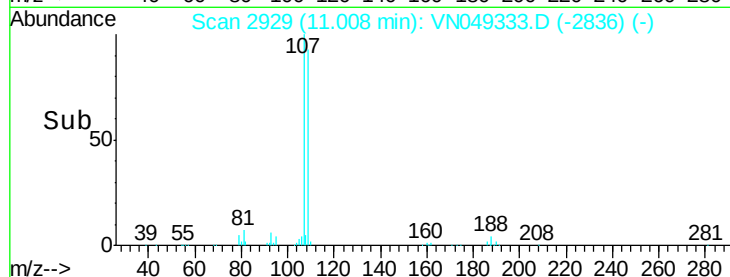
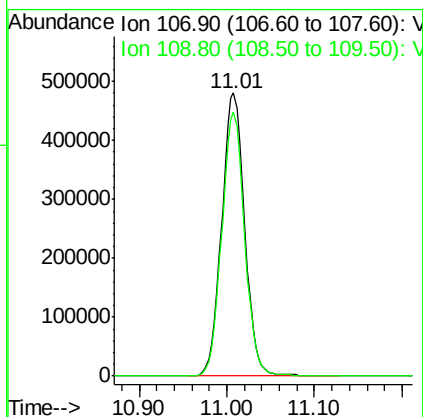
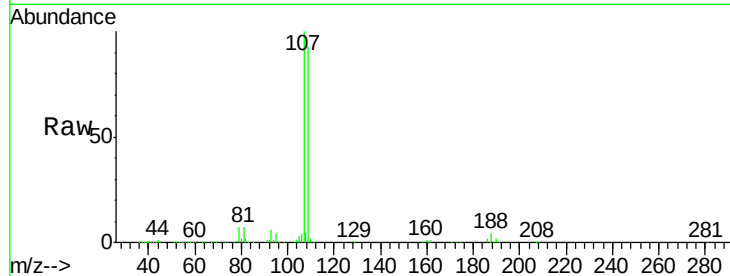




#61
 1,2-Dibromoethane
 Concen: 53.95 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN049333.D
 Acq: 18 Jun 2018 10:35

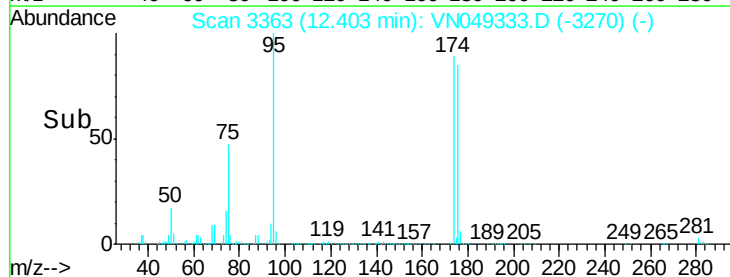
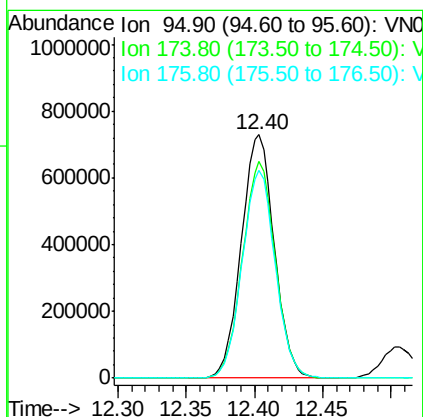
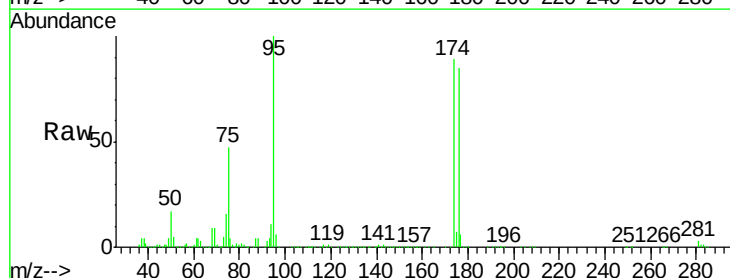
Instrument :
 MSVOA_N
 ClientSampled :

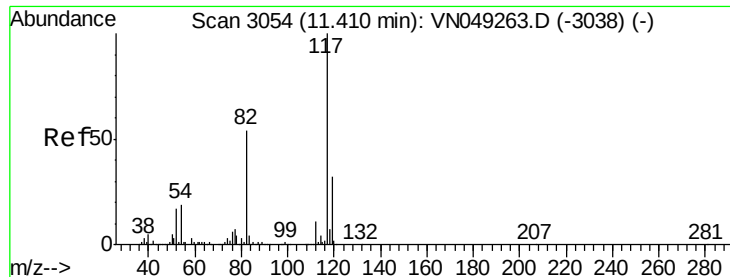
Tot Ion: 107 Resp: 875264
 Ion Ratio Lower Upper
 107 100
 109 92.9 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 52.90 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049333.D
 Acq: 18 Jun 2018 10:35

Tgt Ion: 95 Resp: 1223345
 Ion Ratio Lower Upper
 95 100
 174 88.7 0.0 165.6
 176 85.4 0.0 157.4

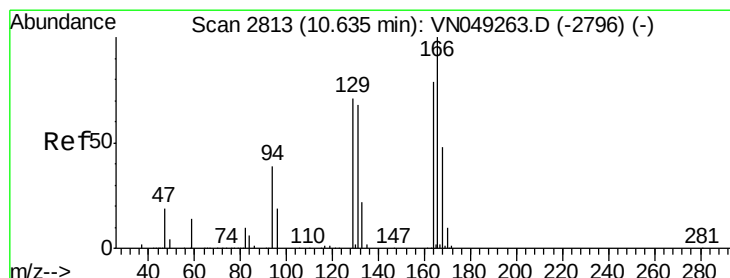
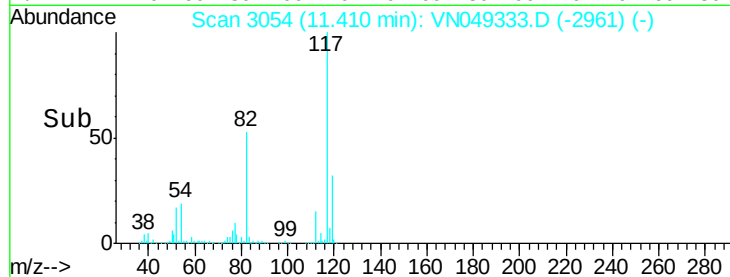
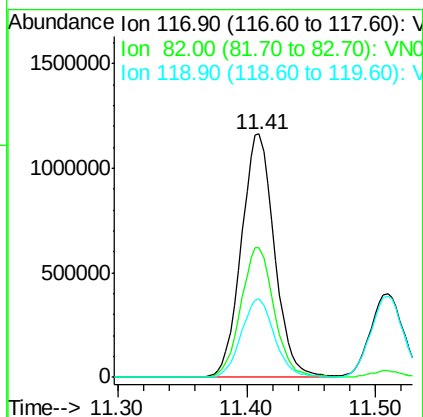
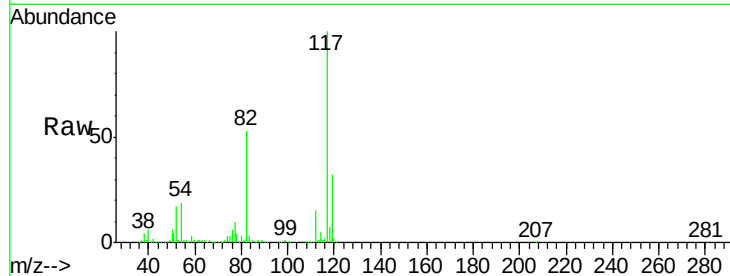




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049333.D
Acq: 18 Jun 2018 10:35

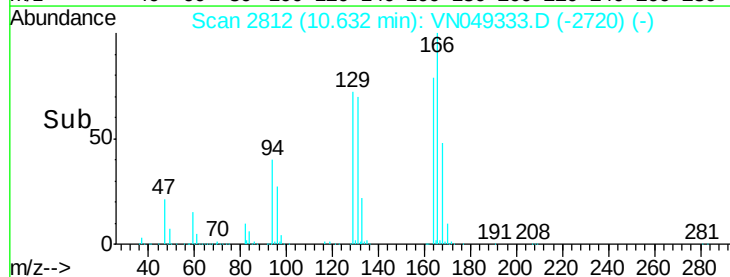
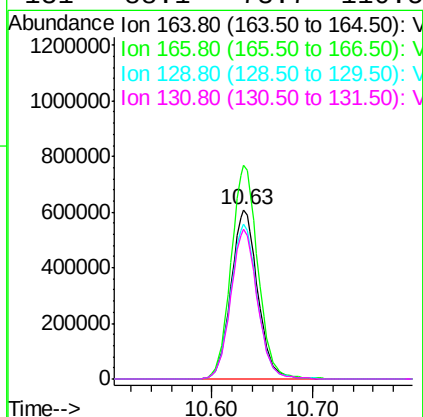
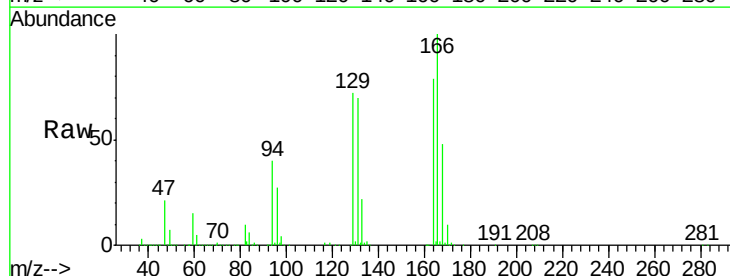
Instrument :
MSVOA_N
ClientSampleId :

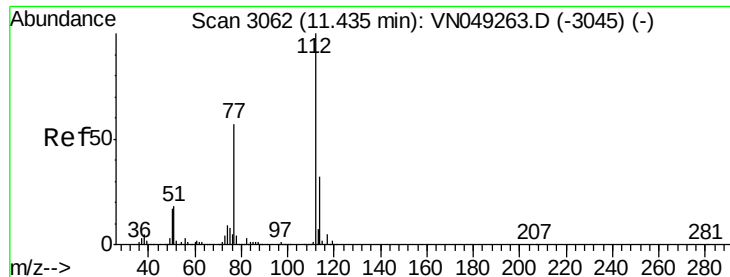
Tot Ion:117 Resp: 2077750
Ion Ratio Lower Upper
117 100
82 53.1 45.9 68.9
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 52.41 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN049333.D
Acq: 18 Jun 2018 10:35

Tgt Ion:164 Resp: 1115743
Ion Ratio Lower Upper
164 100
166 126.3 101.4 152.2
129 91.3 74.1 111.1
131 88.1 73.7 110.5





#65

Chlorobenzene

Concen: 51.78 ug/l

RT: 11.43 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN049333.D

Acq: 18 Jun 2018 10:35

Instrument :

MSVOA_N

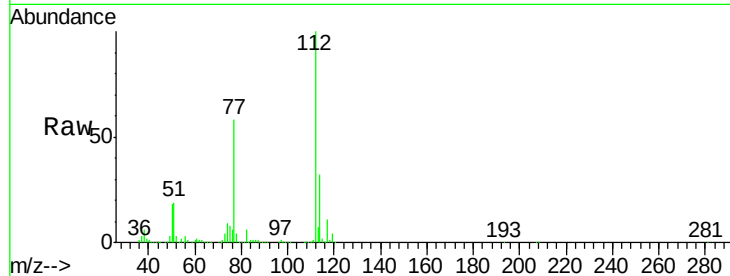
ClientSampleId :

Tot Ion:112 Resp: 2771354

Ion Ratio Lower Upper

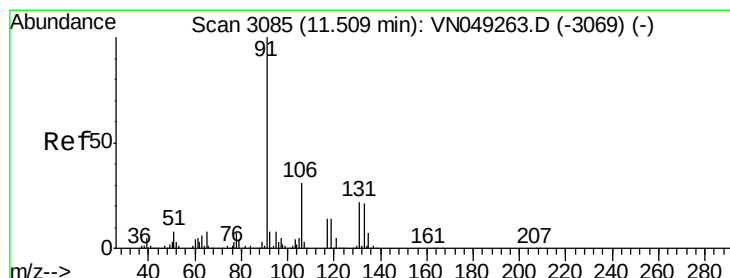
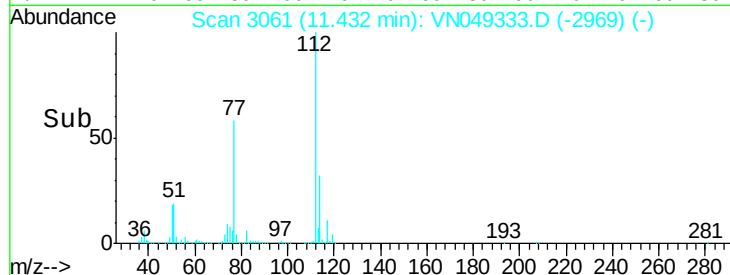
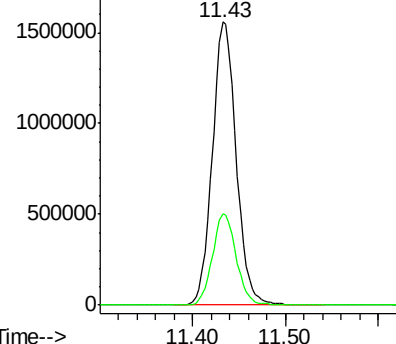
112 100

114 32.3 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.20 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VN049333.D

Acq: 18 Jun 2018 10:35

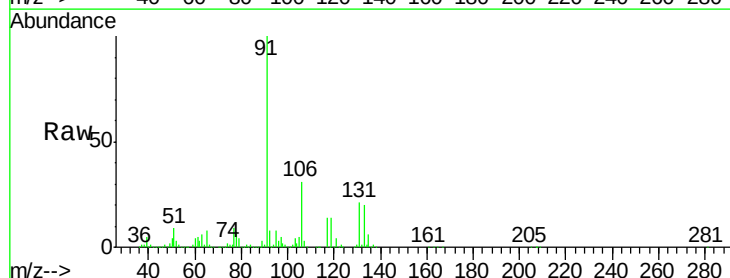
Tgt Ion:131 Resp: 1031224

Ion Ratio Lower Upper

131 100

133 95.1 48.0 144.2

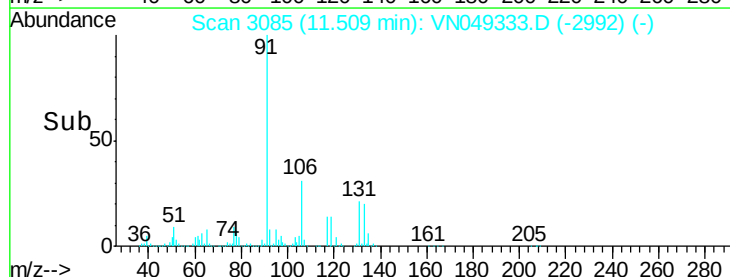
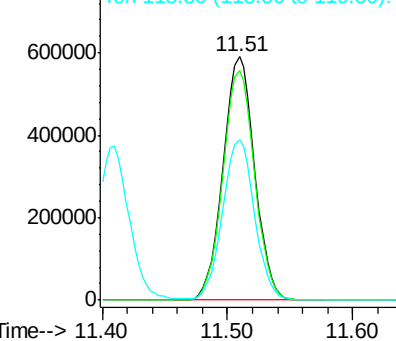
119 66.8 33.6 100.8

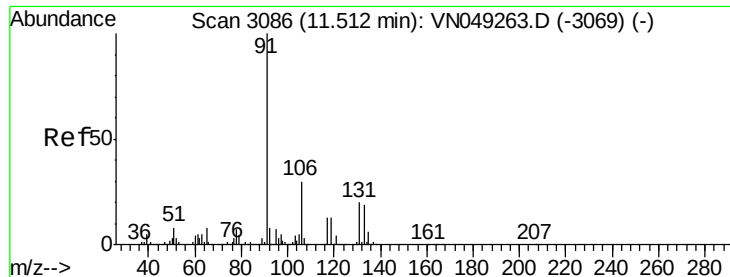


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 54.07 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049333.D

Acq: 18 Jun 2018 10:35

Instrument :

MSVOA_N

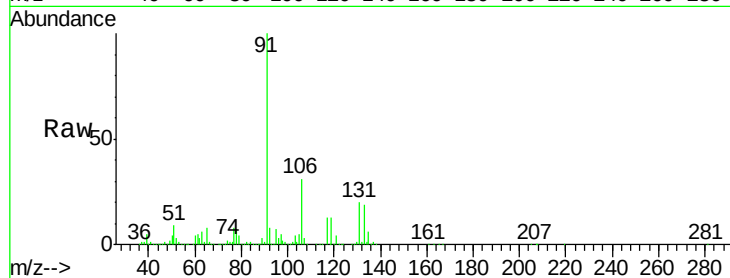
ClientSampled :

Tot Ion: 91 Resp: 4800132

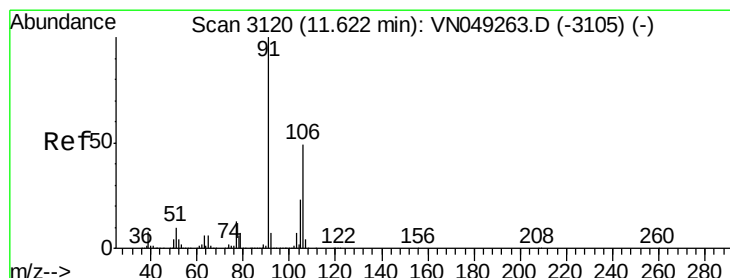
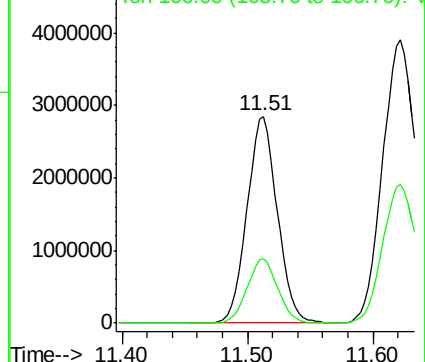
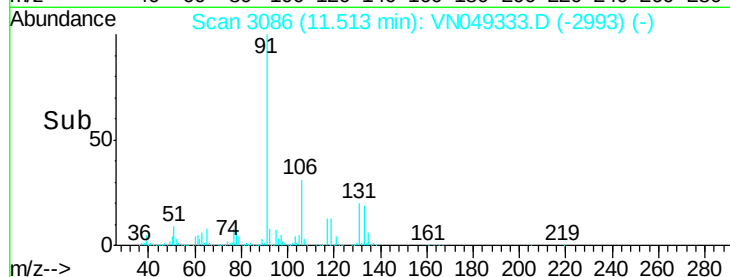
Ion Ratio Lower Upper

91 100

106 31.2 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN049333.D (-2993) (-)



#68

m/p-Xylenes

Concen: 110.82 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN049333.D

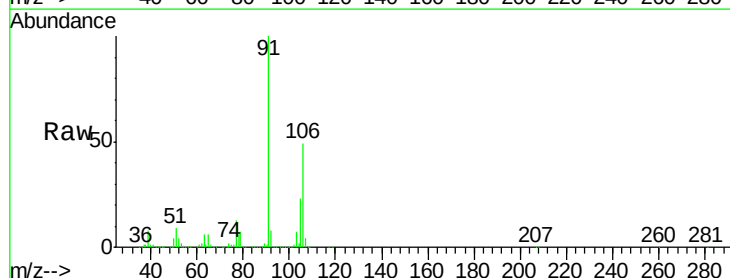
Acq: 18 Jun 2018 10:35

Tgt Ion: 106 Resp: 3692419

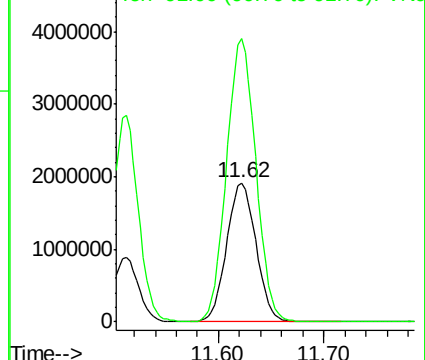
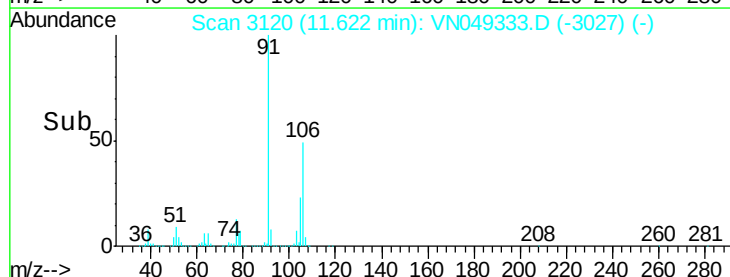
Ion Ratio Lower Upper

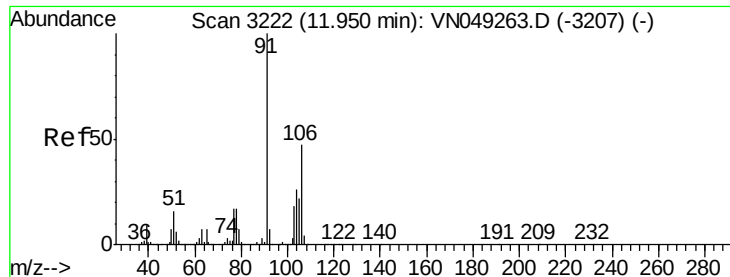
106 100

91 203.1 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): VN049333.D (-3027) (-)





#69

o-Xylene

Concen: 56.23 ug/l

RT: 11.95 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN049333.D

Acq: 18 Jun 2018 10:35

Instrument :

MSVOA_N

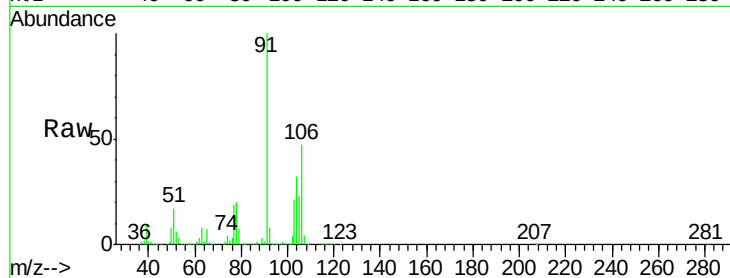
ClientSampleId :

Tot Ion:106 Resp: 1804542

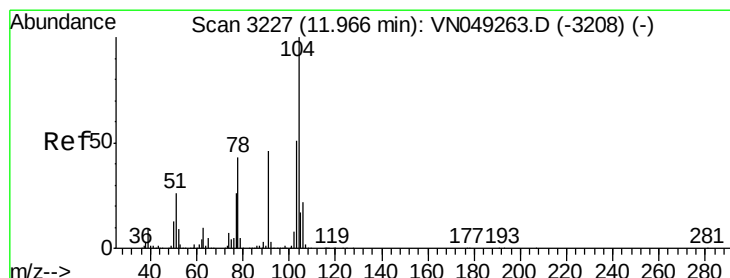
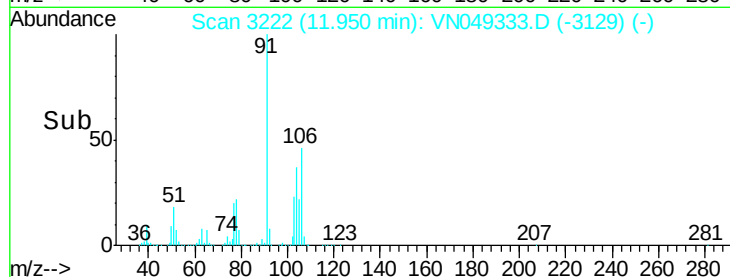
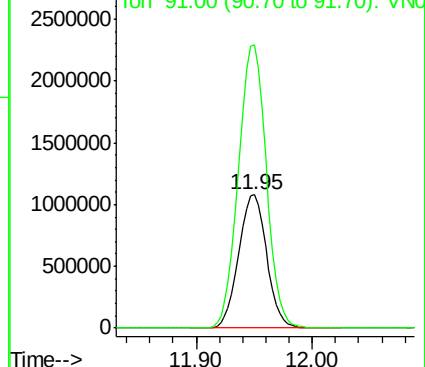
Ion Ratio Lower Upper

106 100

91 212.1 111.0 333.0



Abundance Ion 106.00 (105.70 to 106.70): V



#70

Styrene

Concen: 57.69 ug/l

RT: 11.96 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VN049333.D

Acq: 18 Jun 2018 10:35

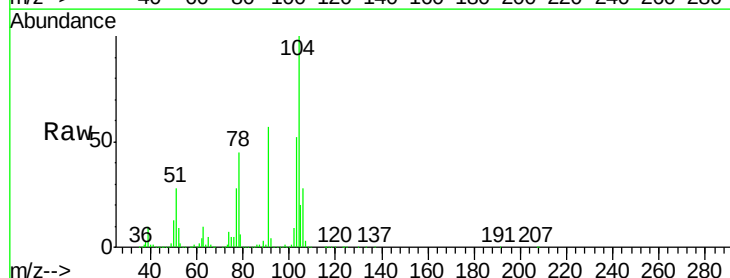
Tgt Ion:104 Resp: 2920909

Ion Ratio Lower Upper

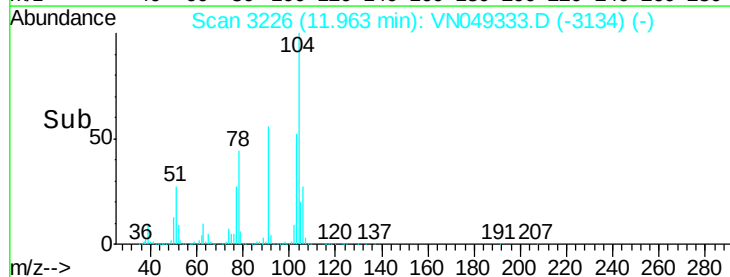
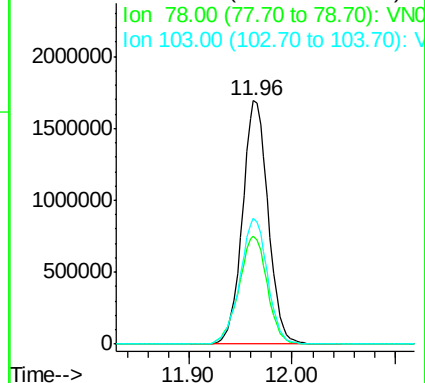
104 100

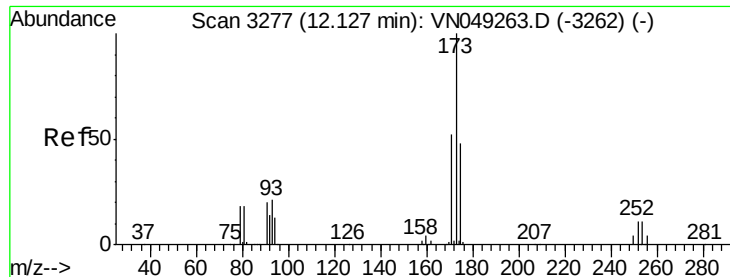
78 49.0 41.6 62.4

103 55.6 45.4 68.2



Abundance Ion 104.00 (103.70 to 104.70): V





#71

Bromoform

Concen: 53.72 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN049333.D

Acq: 18 Jun 2018 10:35

Instrument :

MSVOA_N

ClientSampled :

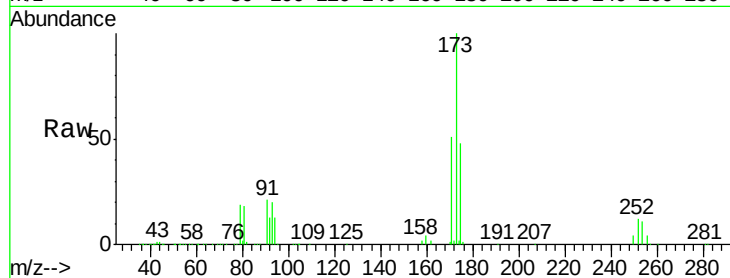
Tot Ion:173 Resp: 700428

Ion Ratio Lower Upper

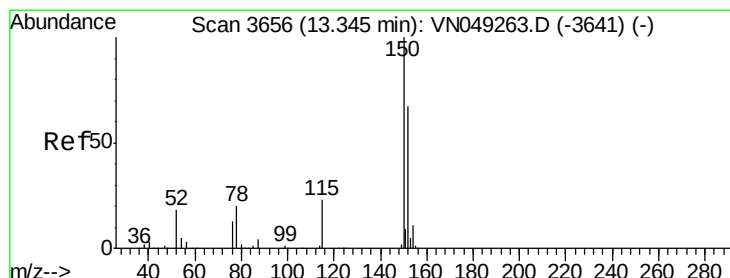
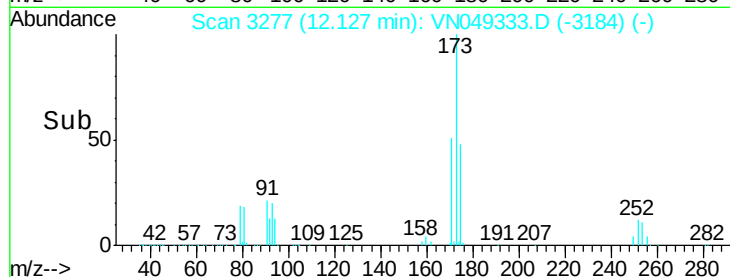
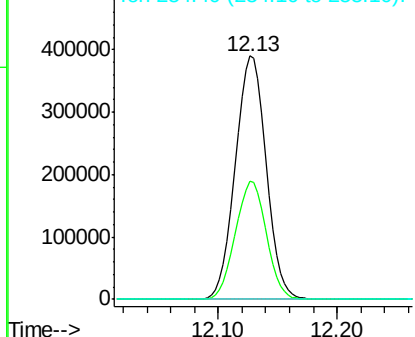
173 100

175 48.8 24.5 73.5

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049333.D

Acq: 18 Jun 2018 10:35

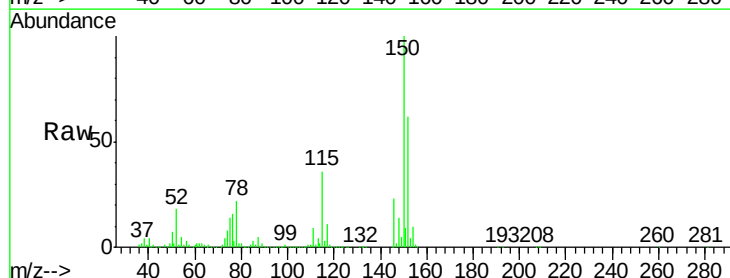
Tgt Ion:152 Resp: 1067211

Ion Ratio Lower Upper

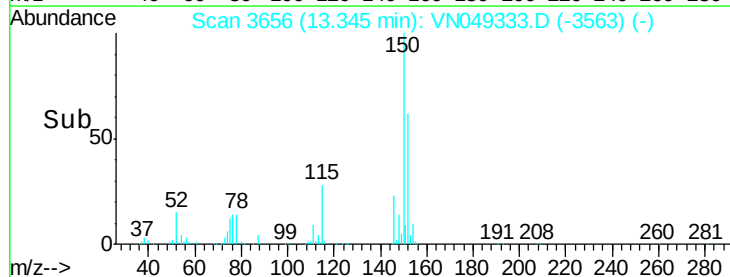
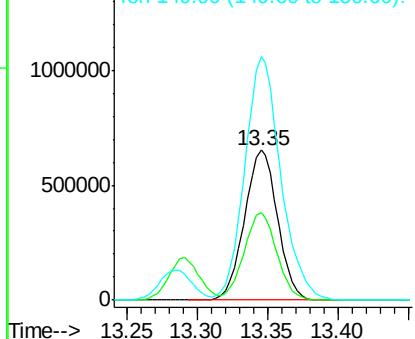
152 100

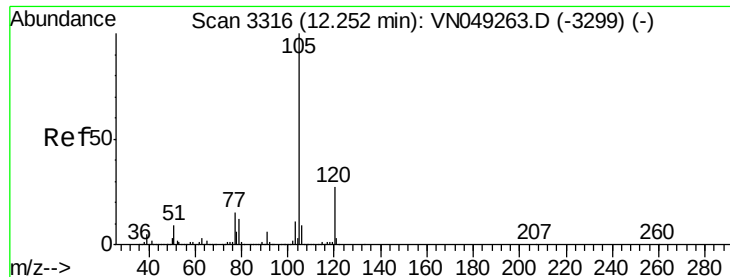
115 57.7 28.7 86.1

150 177.1 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: 50.98 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN049333.D

Acq: 18 Jun 2018 10:35

Instrument :

MSVOA_N

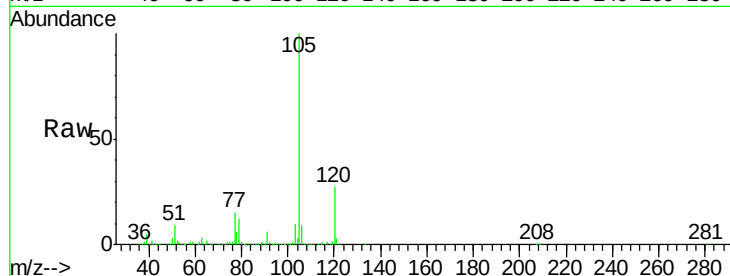
ClientSampleId :

Tot Ion:105 Resp: 4776941

Ion Ratio Lower Upper

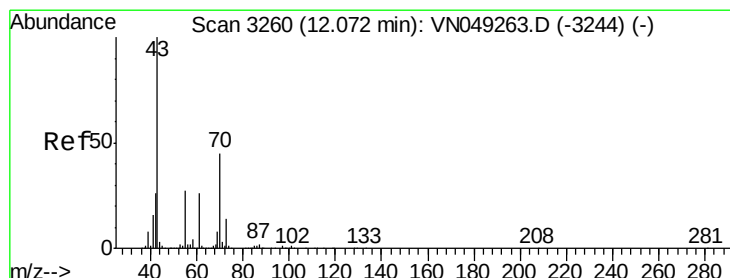
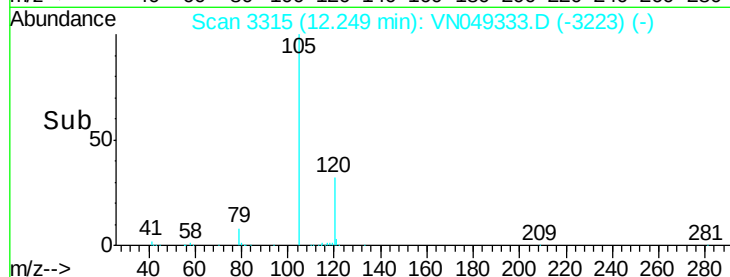
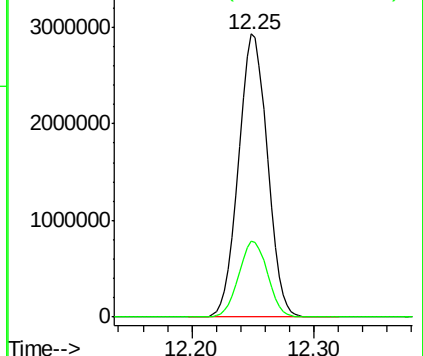
105 100

120 26.8 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.46 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN049333.D

Acq: 18 Jun 2018 10:35

Tgt Ion: 43 Resp: 1204027

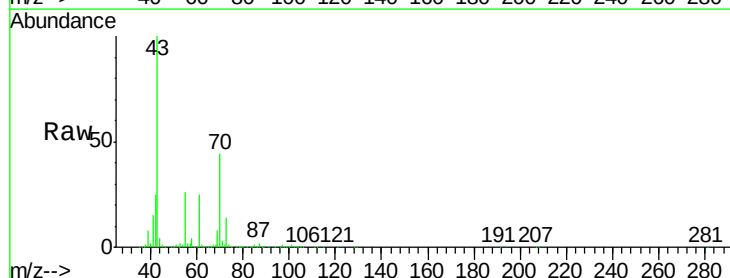
Ion Ratio Lower Upper

43 100

70 43.4 30.3 45.5

55 25.8 19.4 29.2

61 24.9 17.8 26.6

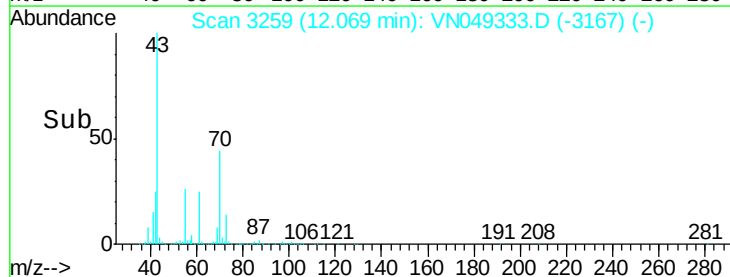
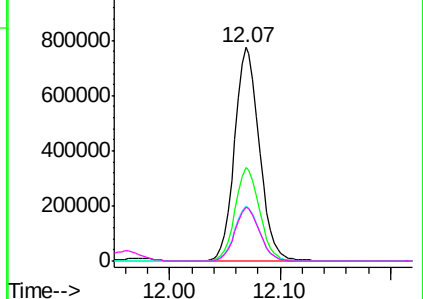


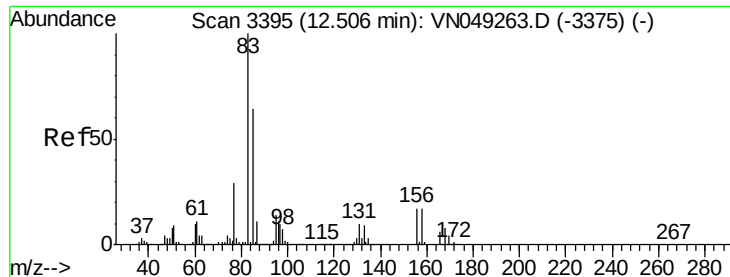
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 53.57 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049333.D

Acq: 18 Jun 2018 10:35

Instrument :

MSVOA_N

ClientSampleId :

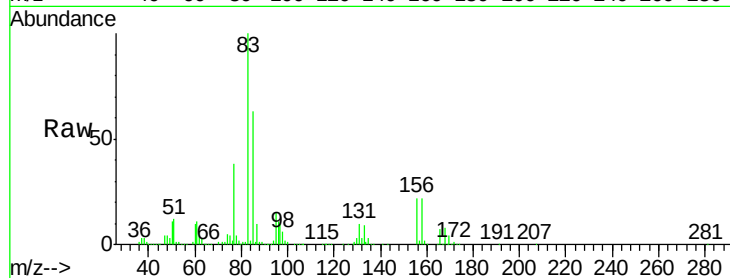
Tot Ion: 83 Resp: 1029581

Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.0	15.0
85	64.3	32.0	96.0

83 100

131 10.4 5.0 15.0

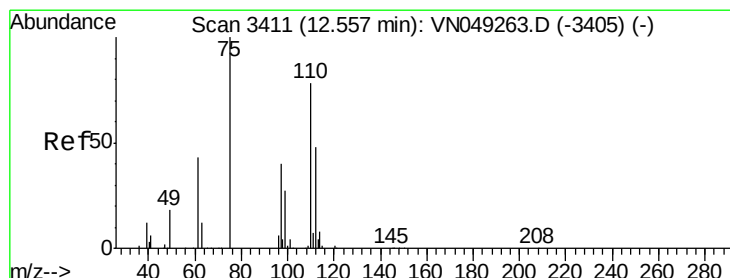
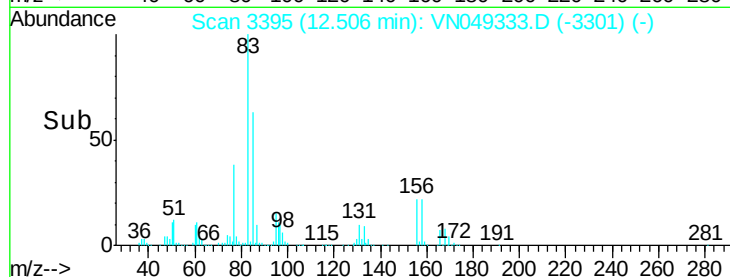
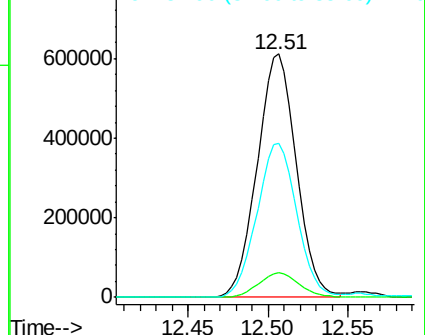
85 64.3 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN049333.D (-3301) (-)

Ion 130.80 (130.50 to 131.50): VN049333.D (-3301) (-)

Ion 84.90 (84.60 to 85.60): VN049333.D (-3301) (-)



#76

1,2,3-Trichloropropane

Concen: 72.69 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN049333.D

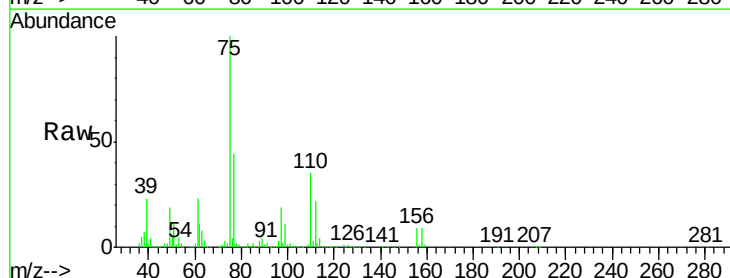
Acq: 18 Jun 2018 10:35

Tgt Ion: 75 Resp: 1323599

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

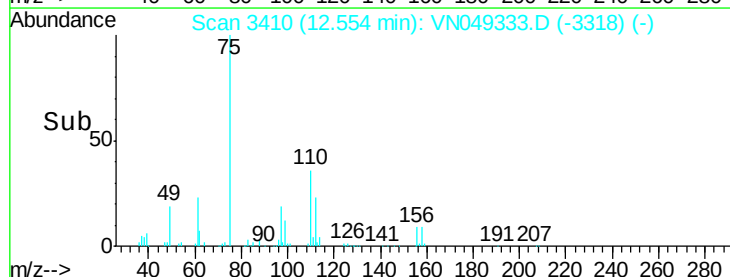
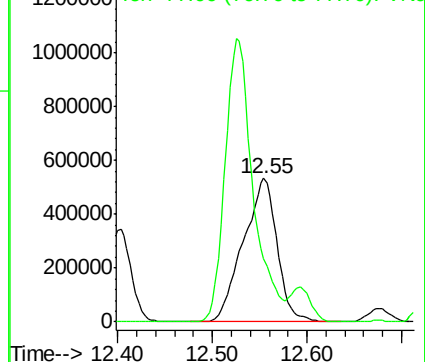
75 100

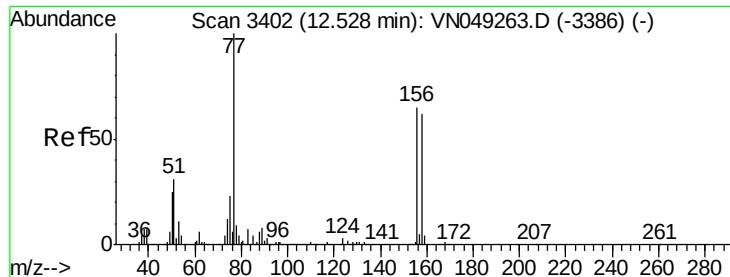
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN049333.D (-3318) (-)

Ion 77.00 (76.70 to 77.70): VN049333.D (-3318) (-)





#77

Bromobenzene

Concen: 48.31 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN049333.D

Acq: 18 Jun 2018 10:35

Instrument :

MSVOA_N

ClientSampled :

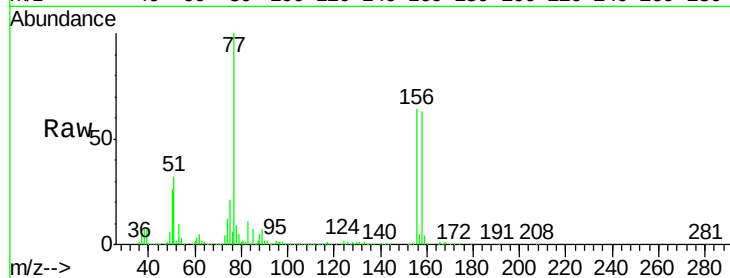
Tot Ion:156 Resp: 1195593

Ion Ratio Lower Upper

156 100

77 181.1 100.8 302.4

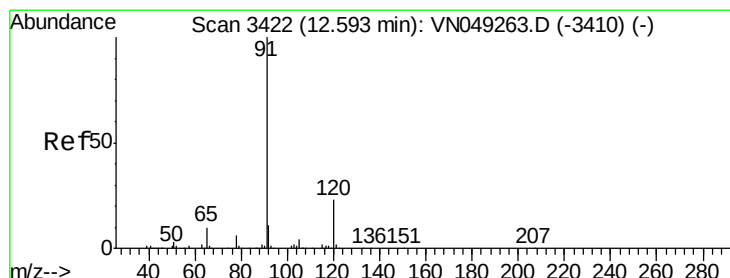
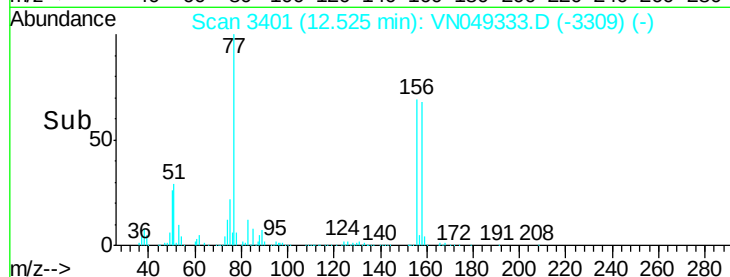
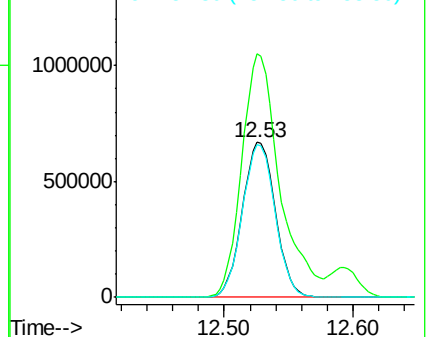
158 97.8 49.3 147.9



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: 52.96 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049333.D

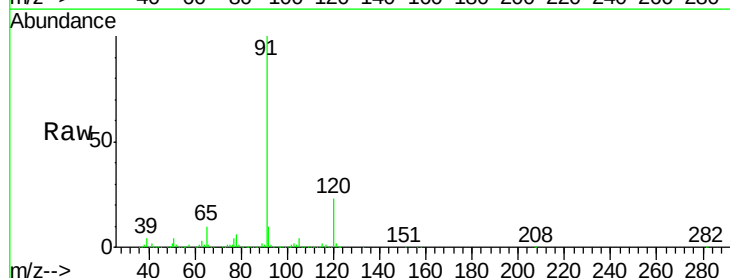
Acq: 18 Jun 2018 10:35

Tgt Ion: 91 Resp: 5449296

Ion Ratio Lower Upper

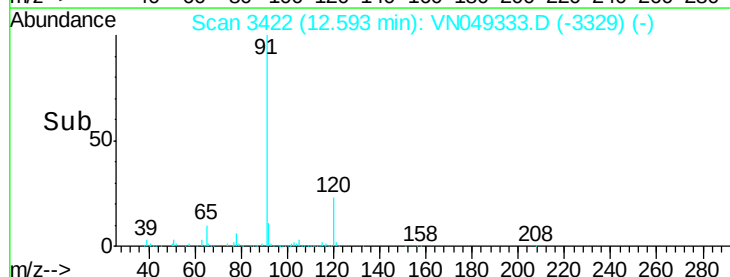
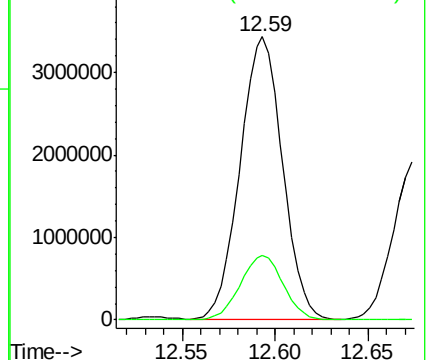
91 100

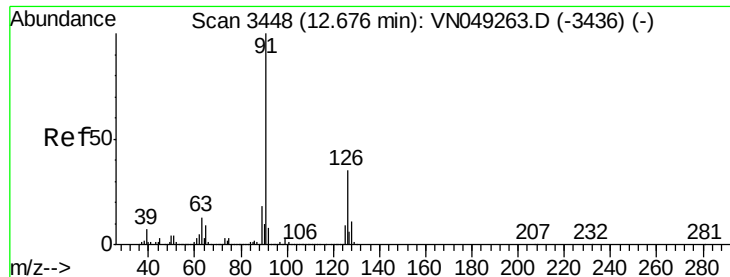
120 23.3 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.95 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049333.D

Acq: 18 Jun 2018 10:35

Instrument :

MSVOA_N

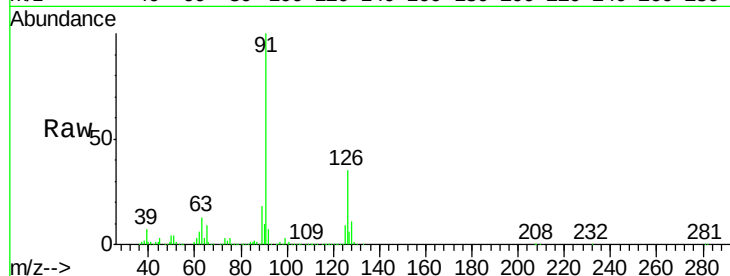
ClientSampled :

Tot Ion: 91 Resp: 3256209

Ion Ratio Lower Upper

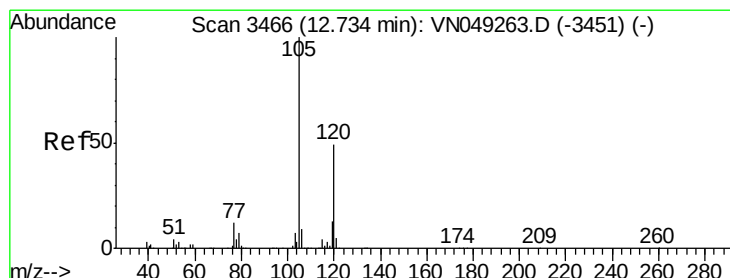
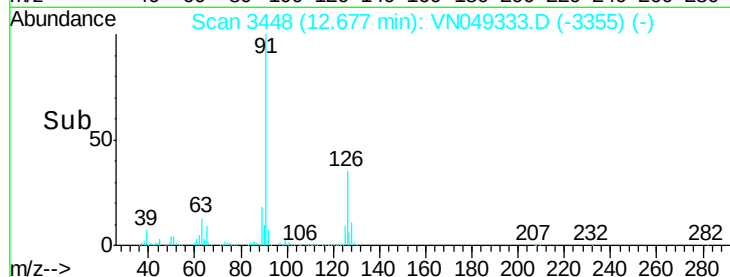
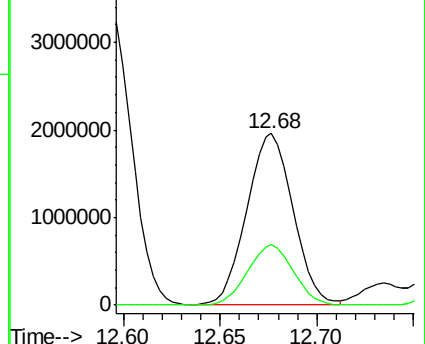
91 100

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: 52.94 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049333.D

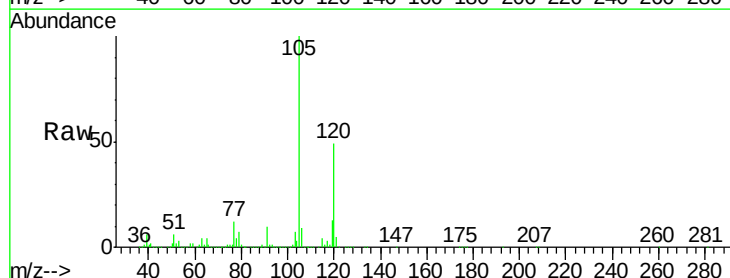
Acq: 18 Jun 2018 10:35

Tgt Ion:105 Resp: 3899018

Ion Ratio Lower Upper

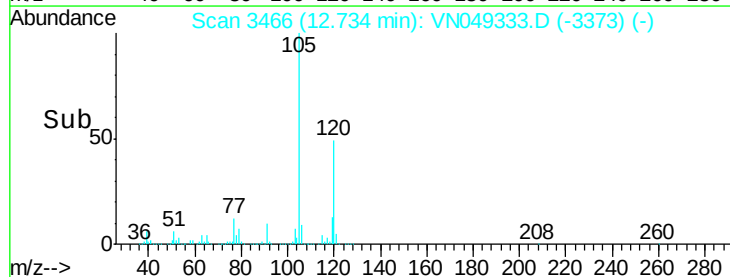
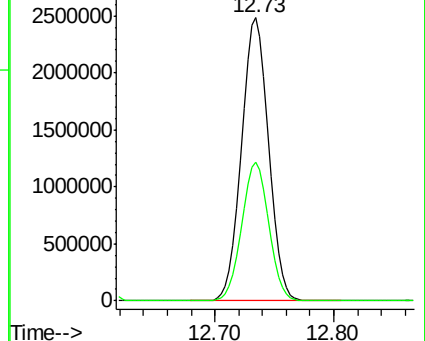
105 100

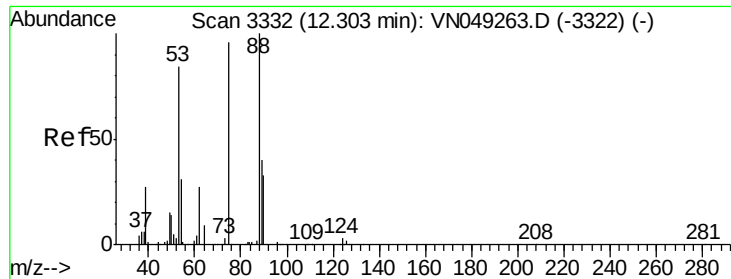
120 49.0 23.5 70.5



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: 50.23 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. -0.00 min

Lab File: VN049333.D

Acq: 18 Jun 2018 10:35

Instrument :

MSVOA_N

ClientSampleId :

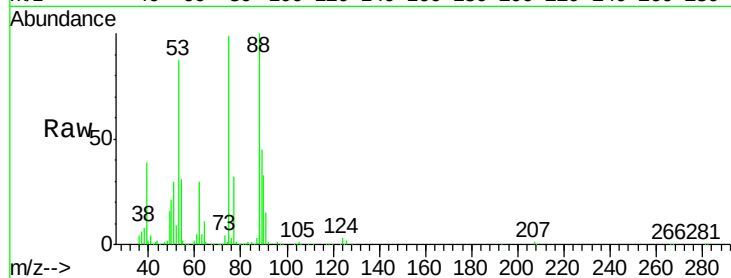
Tot Ion: 75 Resp: 289405

Ion Ratio Lower Upper

75 100

53 88.9 82.7 124.1

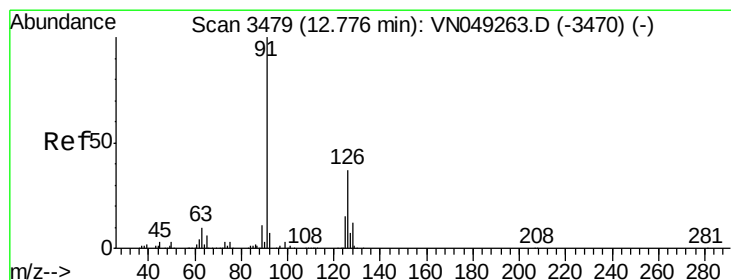
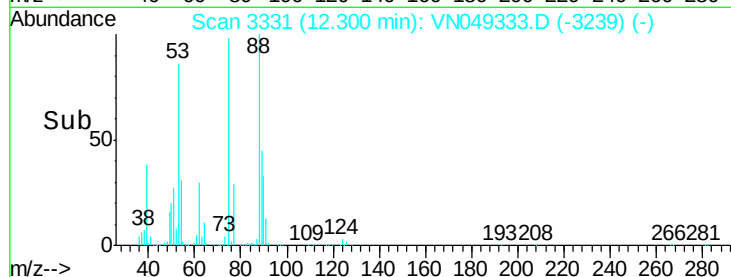
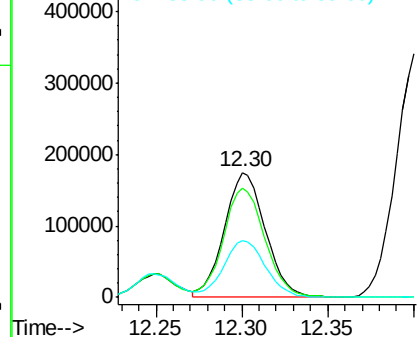
89 46.5 36.5 54.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 52.16 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. -0.00 min

Lab File: VN049333.D

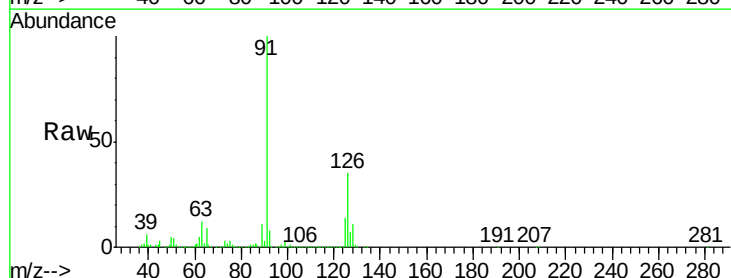
Acq: 18 Jun 2018 10:35

Tgt Ion: 91 Resp: 3280428

Ion Ratio Lower Upper

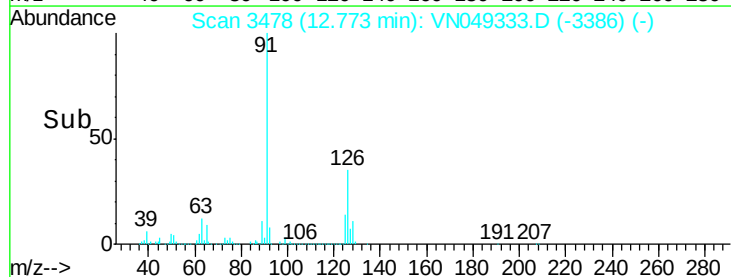
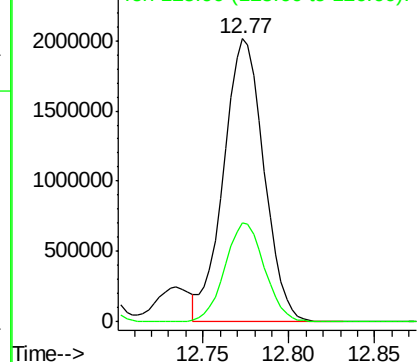
91 100

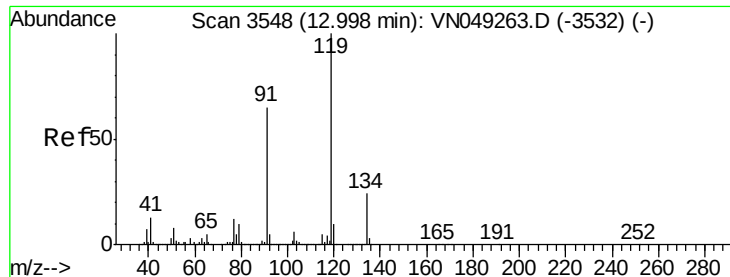
126 34.3 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 51.39 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN049333.D

Acq: 18 Jun 2018 10:35

Instrument :

MSVOA_N

ClientSampleId :

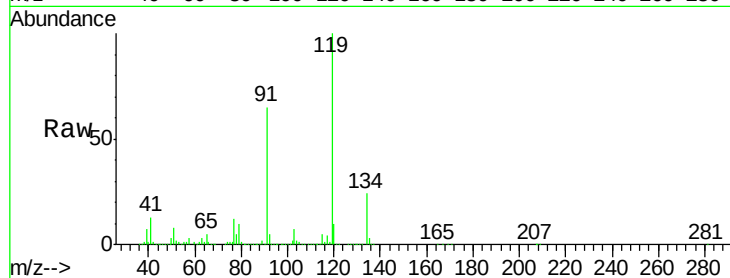
Tot Ion:119 Resp: 3353434

Ion Ratio Lower Upper

119 100

91 64.1 33.7 101.0

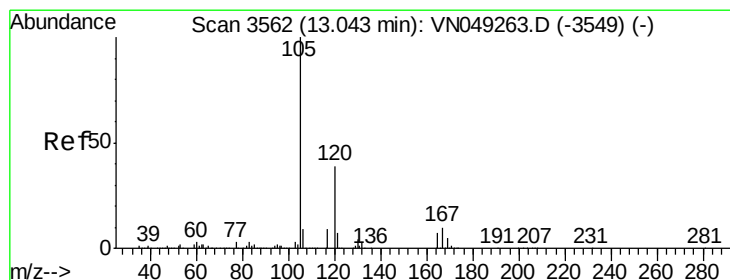
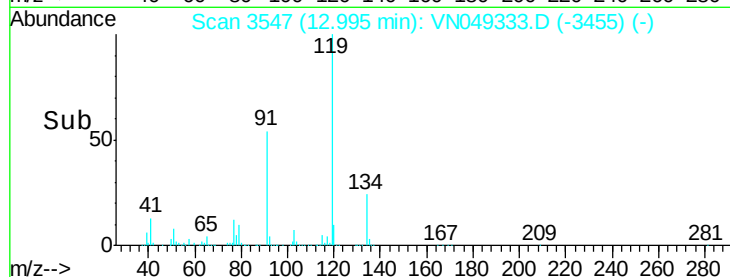
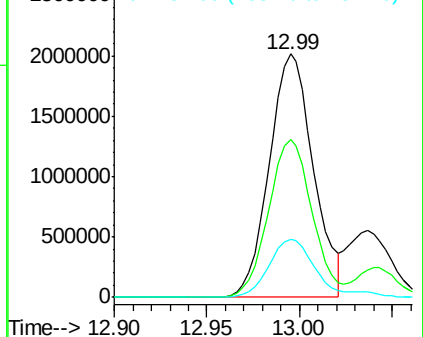
134 25.8 12.9 38.6



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: 54.11 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. -0.00 min

Lab File: VN049333.D

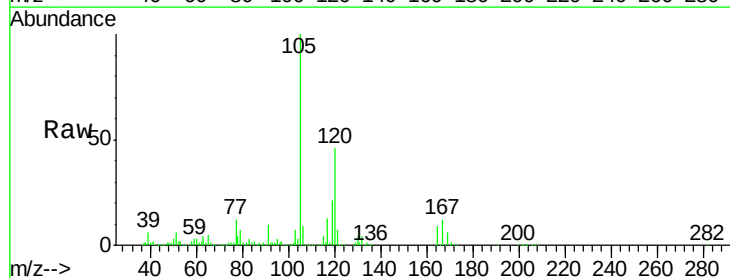
Acq: 18 Jun 2018 10:35

Tgt Ion:105 Resp: 3959200

Ion Ratio Lower Upper

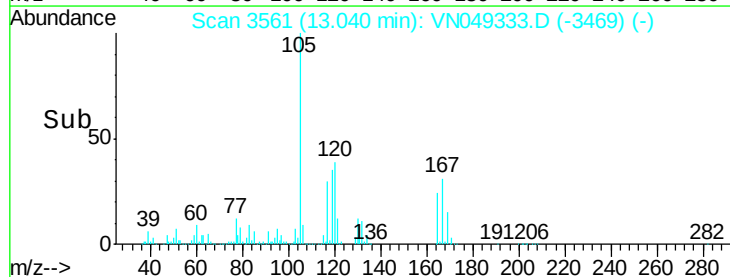
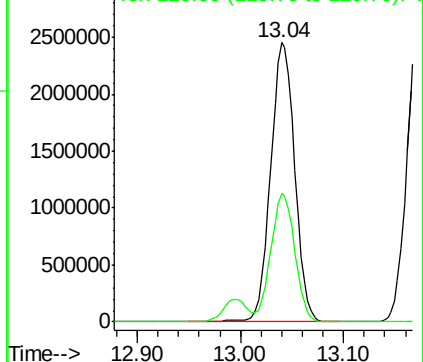
105 100

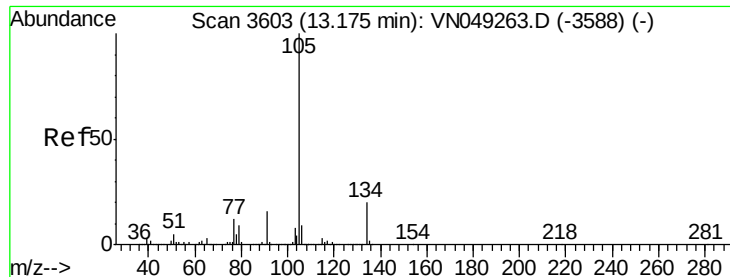
120 45.6 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.39 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049333.D

Acq: 18 Jun 2018 10:35

Instrument :

MSVOA_N

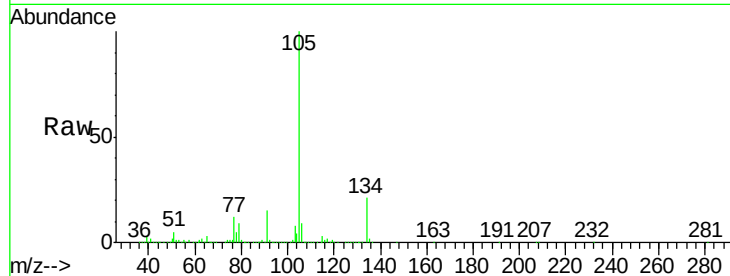
ClientSampleId :

Tot Ion:105 Resp: 4462683

Ion Ratio Lower Upper

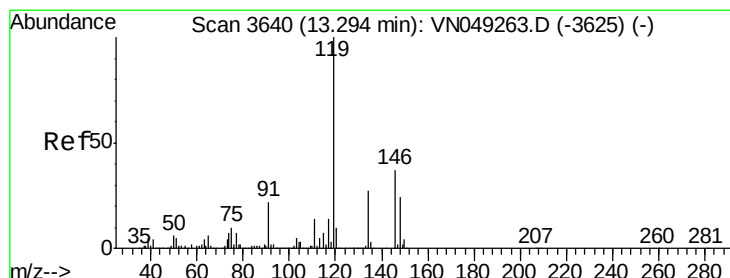
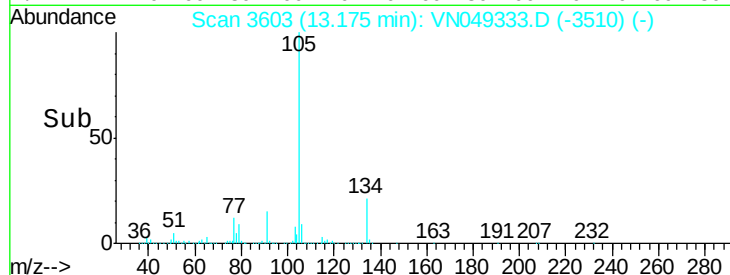
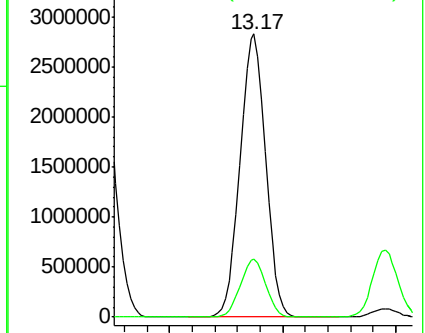
105 100

134 20.4 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: 53.80 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN049333.D

Acq: 18 Jun 2018 10:35

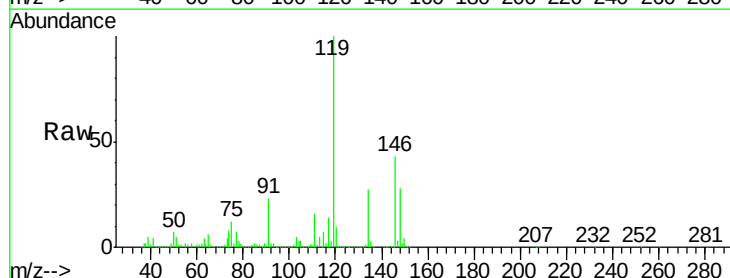
Tgt Ion:119 Resp: 3903626

Ion Ratio Lower Upper

119 100

134 26.7 12.9 38.6

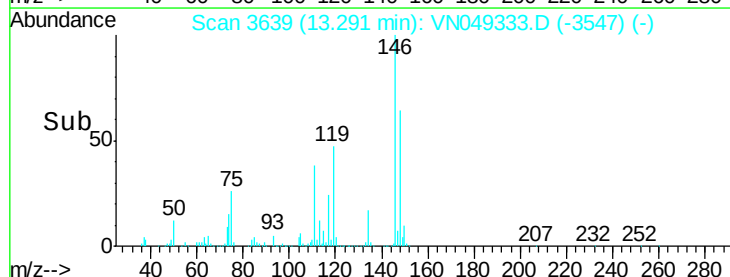
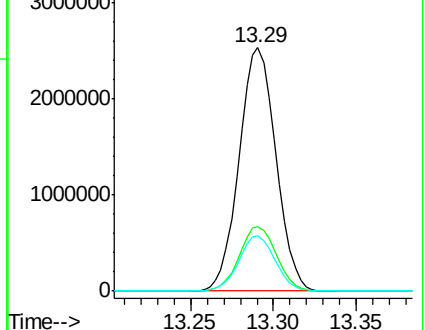
91 22.4 12.1 36.3

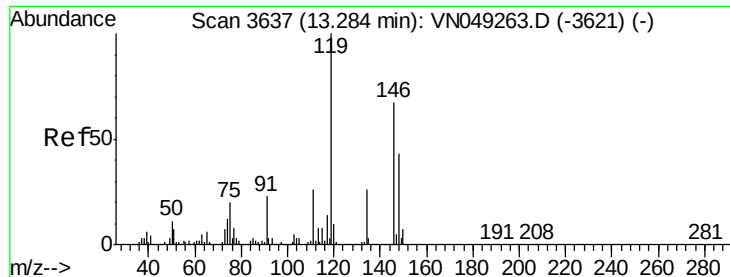


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

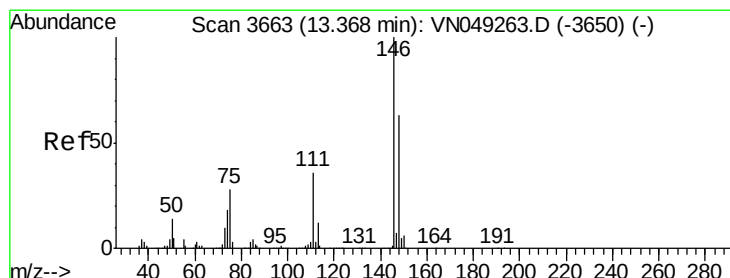
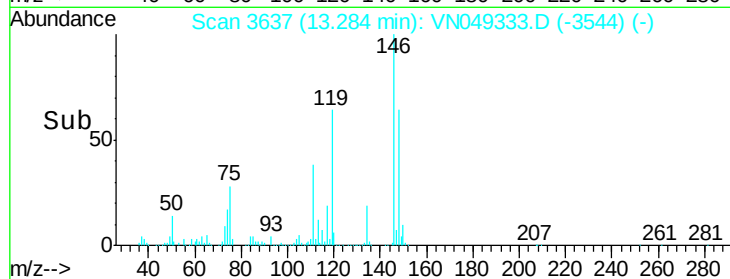
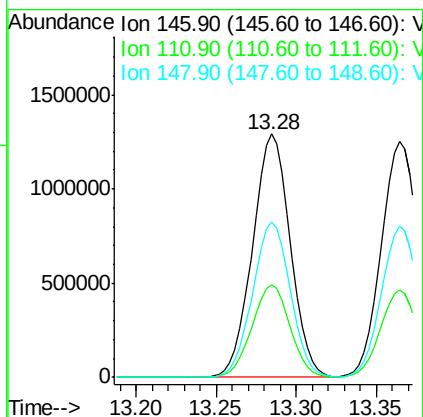
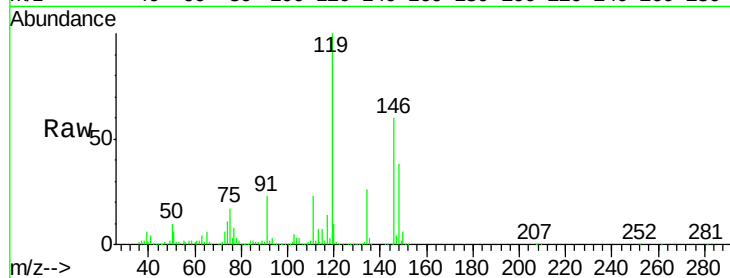




#87
 1,3-Dichlorobenzene
 Concen: 51.58 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049333.D
 Acq: 18 Jun 2018 10:35

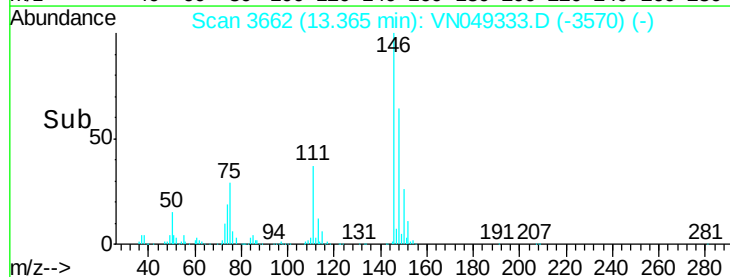
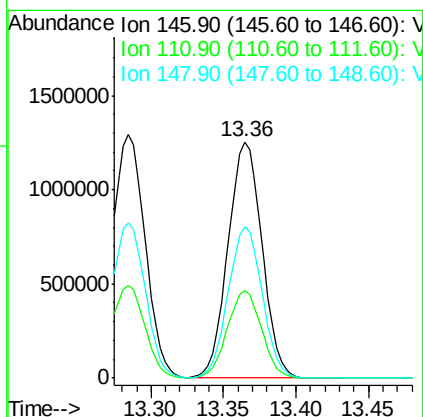
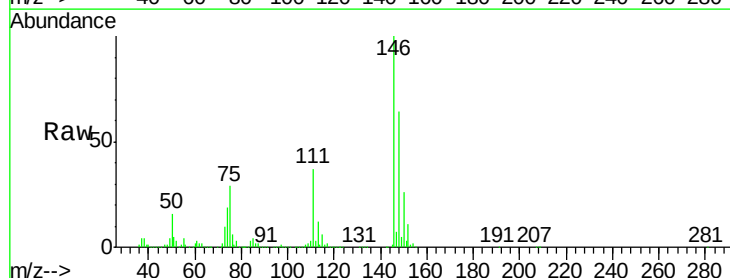
Instrument :
 MSVOA_N
 ClientSampled :

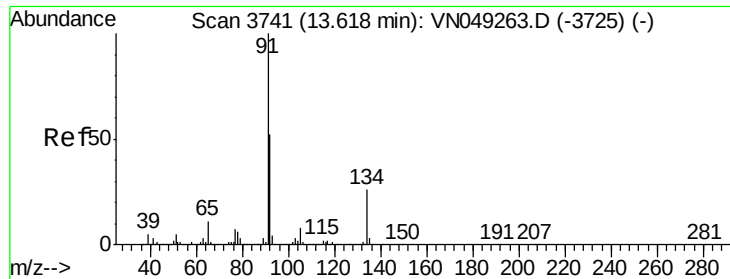
Tot Ion:146 Resp: 2100191
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.9 59.6
 148 64.1 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 50.63 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN049333.D
 Acq: 18 Jun 2018 10:35

Tgt Ion:146 Resp: 2043355
 Ion Ratio Lower Upper
 146 100
 111 37.2 19.1 57.1
 148 64.0 32.0 96.2





#89

n-Butylbenzene

Concen: 55.47 ug/l

RT: 13.62 min Scan# 3740

Delta R.T. -0.00 min

Lab File: VN049333.D

Acq: 18 Jun 2018 10:35

Instrument :

MSVOA_N

ClientSampled :

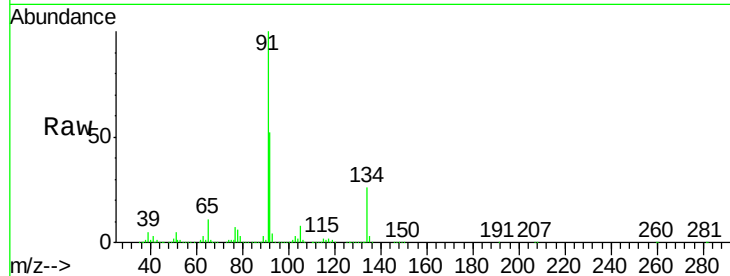
Tot Ion: 91 Resp: 3143825

Ion	Ratio	Lower	Upper
91	100		
92	51.9	25.1	75.4
134	26.2	12.0	36.0

91 100

92 51.9 25.1 75.4

134 26.2 12.0 36.0

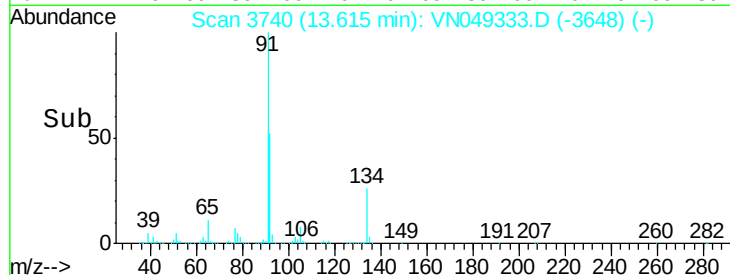


Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): VN0

Time-->



2500000

2000000

1500000

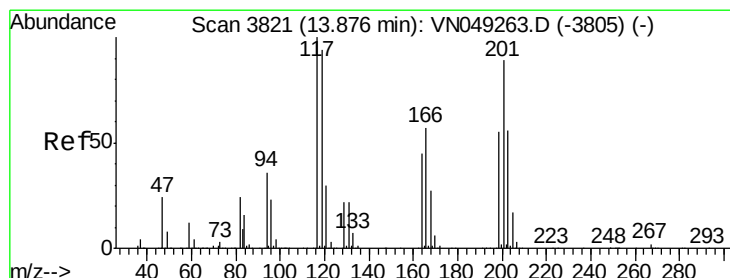
1000000

500000

0

13.55 13.60 13.65 13.70

Time-->



#90

Hexachloroethane

Concen: 54.13 ug/l

RT: 13.88 min Scan# 3821

Delta R.T. 0.00 min

Lab File: VN049333.D

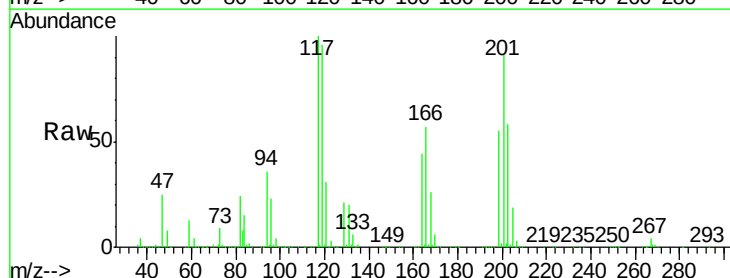
Acq: 18 Jun 2018 10:35

Tgt Ion: 117 Resp: 741430

Ion	Ratio	Lower	Upper
117	100		
201	91.9	40.1	120.2

117 100

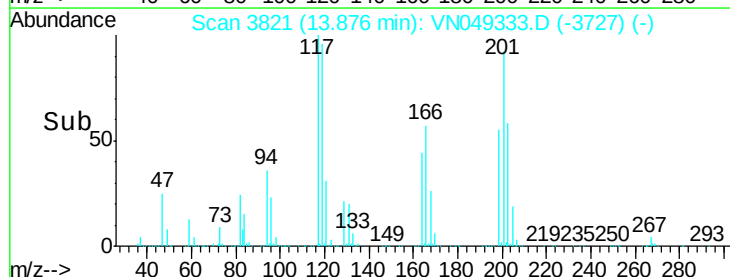
201 91.9 40.1 120.2



Abundance Ion 116.80 (116.50 to 117.50): VN0

Ion 200.70 (200.40 to 201.40): VN0

Time-->



500000

400000

300000

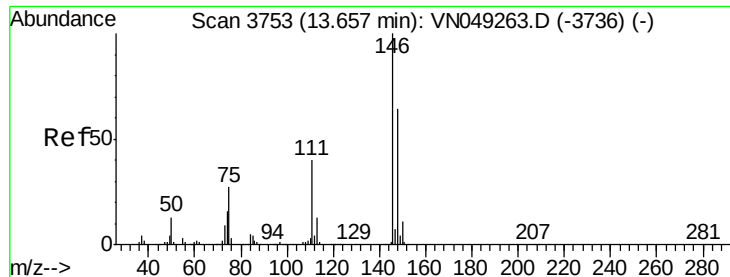
200000

100000

0

13.80 13.85 13.90 13.95

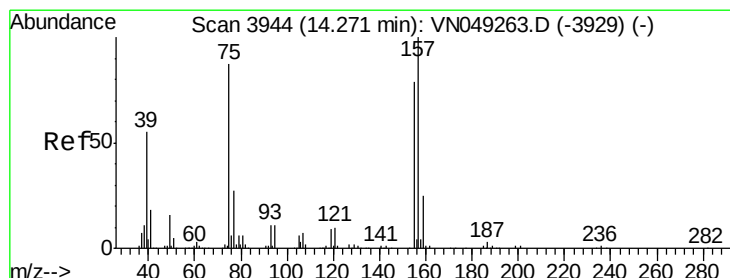
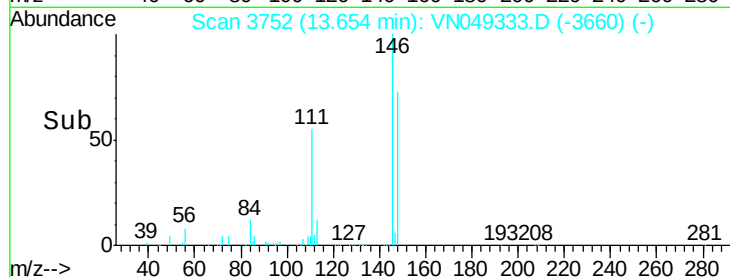
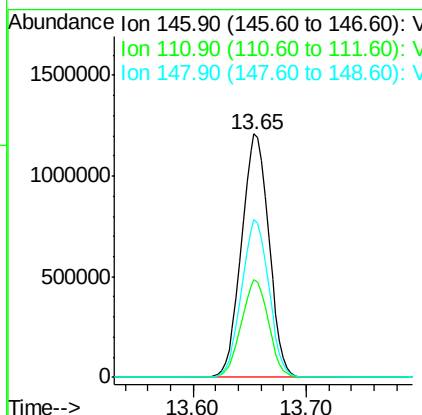
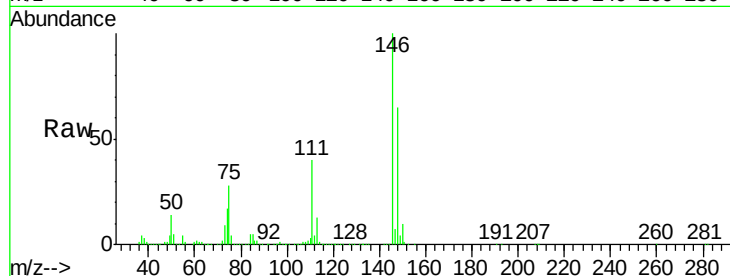
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 51.15 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN049333.D
 Acq: 18 Jun 2018 10:35

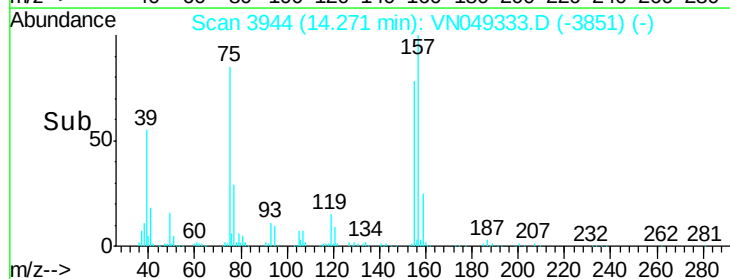
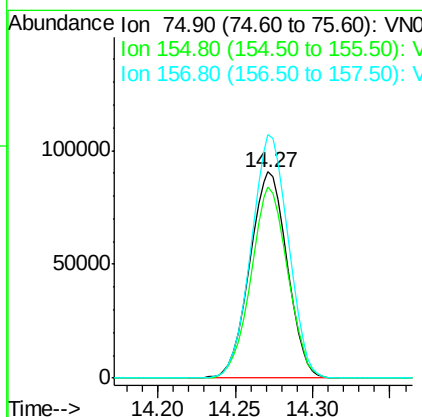
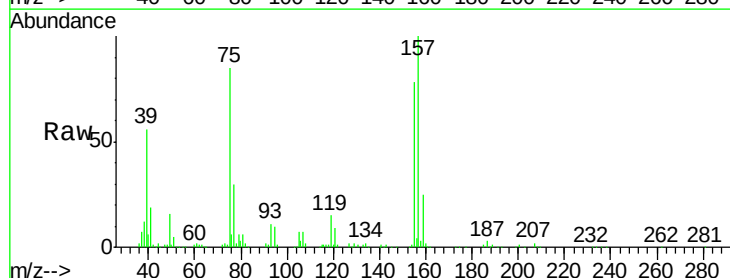
Instrument :
 MSVOA_N
 ClientSampleId :

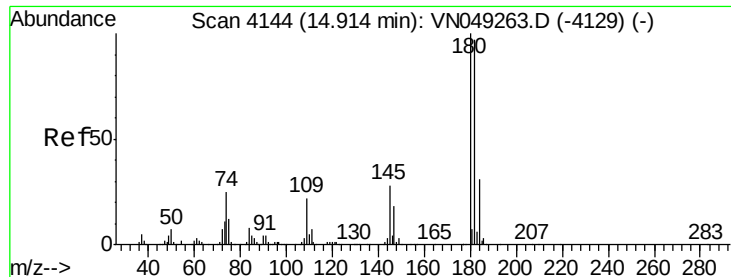
Tot Ion:146 Resp: 2042760
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.8 62.2
 148 64.5 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.79 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN049333.D
 Acq: 18 Jun 2018 10:35

Tgt Ion: 75 Resp: 152640
 Ion Ratio Lower Upper
 75 100
 155 91.0 38.8 116.3
 157 117.1 51.0 153.1

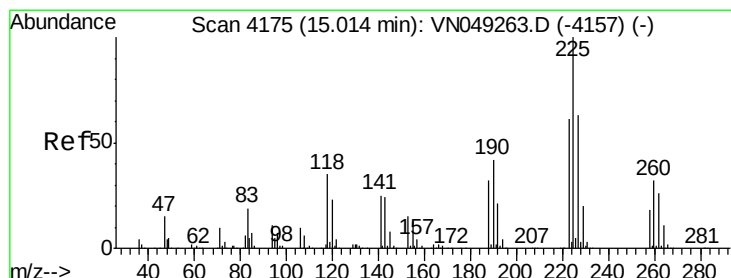
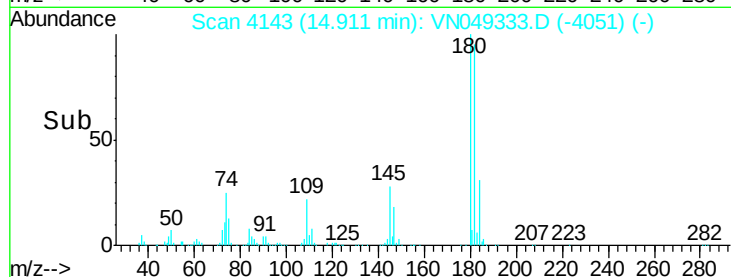
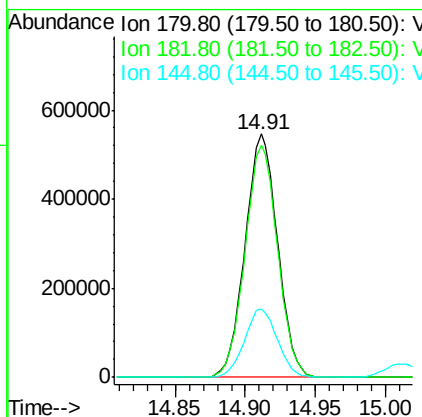
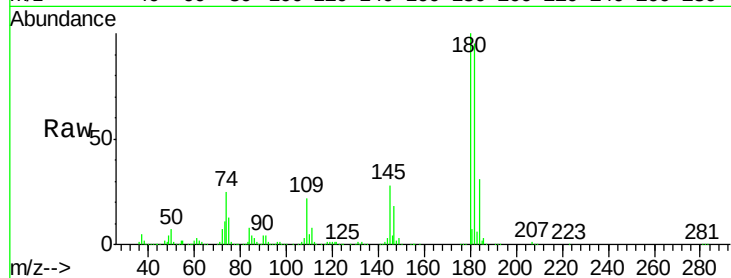




#93
 1,2,4-Trichlorobenzene
 Concen: 48.36 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049333.D
 Acq: 18 Jun 2018 10:35

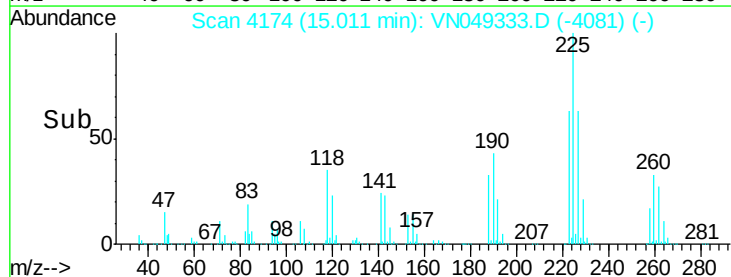
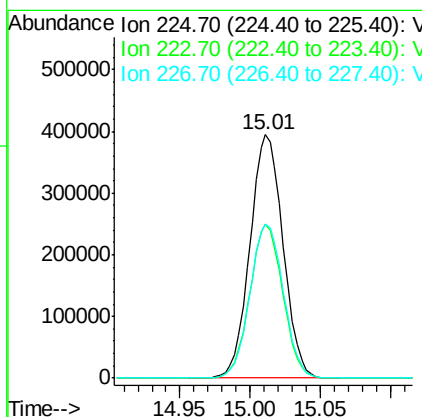
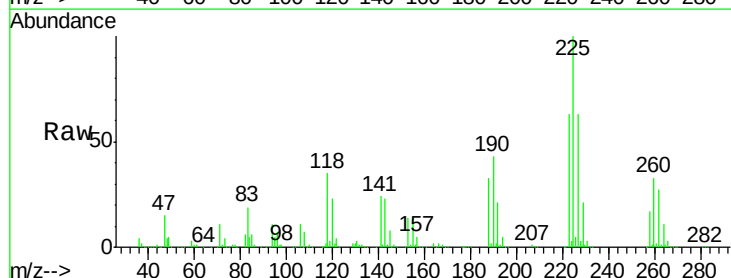
Instrument :
 MSVOA_N
 ClientSampleId :

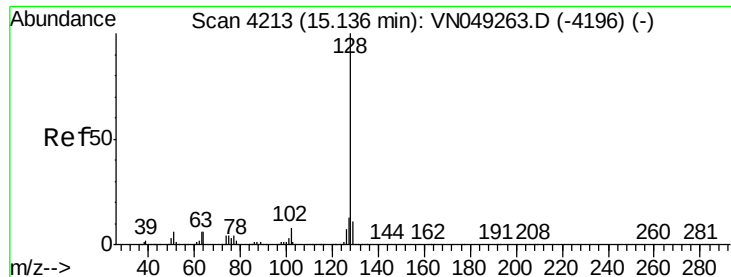
Tot Ion:180 Resp: 881996
 Ion Ratio Lower Upper
 180 100
 182 95.6 46.9 140.8
 145 28.5 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 55.74 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN049333.D
 Acq: 18 Jun 2018 10:35

Tgt Ion:225 Resp: 647484
 Ion Ratio Lower Upper
 225 100
 223 63.1 32.1 96.3
 227 64.1 31.8 95.3

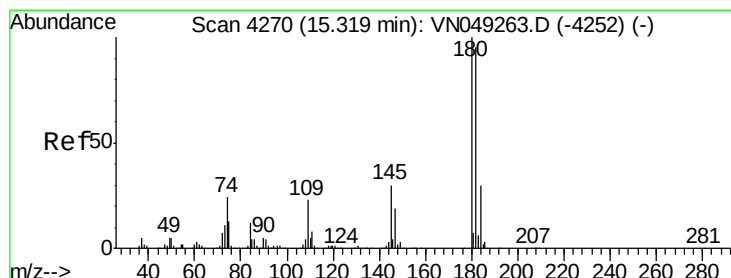
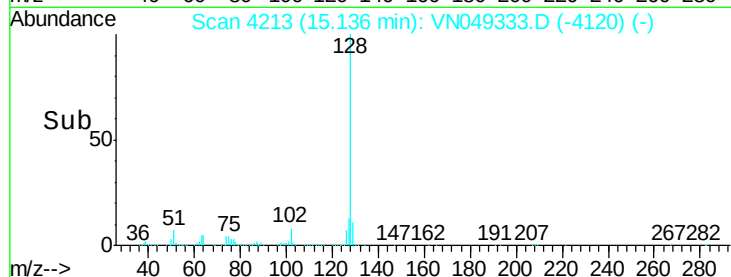
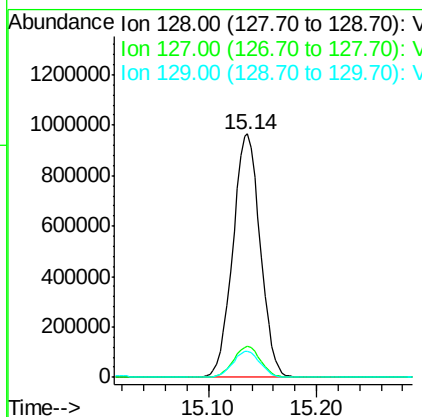
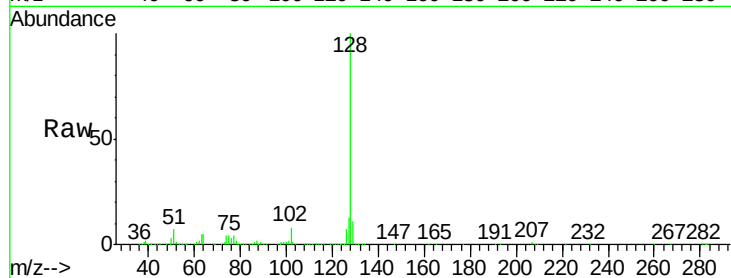




#95
Naphthalene
Concen: 52.07 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049333.D
Acq: 18 Jun 2018 10:35

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 1702827
Ion Ratio Lower Upper
128 100
127 12.7 10.6 16.0
129 10.8 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 49.55 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. -0.00 min
Lab File: VN049333.D
Acq: 18 Jun 2018 10:35

Tgt Ion:180 Resp: 886015
Ion Ratio Lower Upper
180 100
182 94.9 47.3 141.8
145 30.1 15.6 46.7

