

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061618\
 Data File : VN049263.D
 Acq On : 15 Jun 2018 15:18
 Operator : MD\SY
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 15 15:46:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 15 15:46:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1506616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2206810	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2037613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1051725	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	976820	40.15	ug/l	0.00
Spiked Amount			Recovery	=	80.30%	
35) Dibromofluoromethane	7.59	113	888705	48.66	ug/l	0.00
Spiked Amount			Recovery	=	97.32%	
50) Toluene-d8	10.09	98	3436293	48.36	ug/l	0.00
Spiked Amount			Recovery	=	96.72%	
62) 4-Bromofluorobenzene	12.40	95	1148045	48.68	ug/l	0.00
Spiked Amount			Recovery	=	97.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	783825	36.119	ug/l	99
3) Chloromethane	2.06	50	984614	44.404	ug/l	98
4) Vinyl Chloride	2.18	62	1064076	46.798	ug/l	100
5) Bromomethane	2.56	94	557403	40.659	ug/l	97
6) Chloroethane	2.70	64	656344	42.745	ug/l	100
7) Trichlorofluoromethane	3.01	101	1344290	41.990	ug/l	100
8) Diethyl Ether	3.41	74	484545	40.757	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.75	101	866419	41.807	ug/l	93
10) Methyl Iodide	3.95	142	988082	49.034	ug/l	92
11) Tert butyl alcohol	4.80	59	264244	199.271	ug/l #	85
12) 1,1-Dichloroethene	3.73	96	788713	41.913	ug/l	90
13) Acrolein	3.61	56	318071	176.171	ug/l	97
14) Allyl chloride	4.32	41	1296447	36.686	ug/l	88
15) Acrylonitrile	4.99	53	1399782	196.122	ug/l	98
16) Acetone	3.82	43	1093831	188.174	ug/l	90
17) Carbon Disulfide	4.05	76	2403143	37.435	ug/l	100
18) Methyl Acetate	4.33	43	663055	27.122	ug/l	95
19) Methyl tert-butyl Ether	5.05	73	2144175	41.819	ug/l	100
20) Methylene Chloride	4.55	84	914592	38.743	ug/l	91
21) trans-1,2-Dichloroethene	5.04	96	847582	40.629	ug/l	93
22) Diisopropyl ether	5.96	45	2639037	37.413	ug/l	96
23) Vinyl Acetate	5.90	43	8859805	190.019	ug/l	96
24) 1,1-Dichloroethane	5.85	63	1608402	38.264	ug/l	99
25) 2-Butanone	6.84	43	1534028	184.301	ug/l	95
26) 2,2-Dichloropropane	6.82	77	1314186	41.693	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	960514	42.279	ug/l	93
28) Bromochloromethane	7.20	49	767955	38.493	ug/l	85
29) Tetrahydrofuran	7.22	42	1005874	187.846	ug/l	94
30) Chloroform	7.37	83	1608628	39.828	ug/l	100
31) Cyclohexane	7.65	56	1430527	34.065	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	1377757	39.605	ug/l	97
36) 1,1-Dichloropropene	7.79	75	1239372	44.951	ug/l	98
37) Ethyl Acetate	6.93	43	700782	40.262	ug/l	96
38) Carbon Tetrachloride	7.78	117	1254097	45.149	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1332465	46.783	ug/l	95
40) Benzene	8.04	78	3717688	44.504	ug/l	98
41) Methacrylonitrile	7.18	41	385892	39.189	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	1137388	41.257	ug/l	96
43) Isopropyl Acetate	8.17	43	1258692	39.331	ug/l	95
44) Trichloroethene	8.84	130	989922	47.458	ug/l	91
45) 1,2-Dichloropropane	9.12	63	976214	42.488	ug/l	99
46) Dibromomethane	9.21	93	565314	44.535	ug/l	92
47) Bromodichloromethane	9.40	83	1245266	43.555	ug/l	97
48) Methyl methacrylate	9.20	41	635166	40.619	ug/l	87
49) 1,4-Dioxane	9.20	88	168681	913.461	ug/l	92
51) 4-Methyl-2-Pentanone	9.99	43	3404830	199.776	ug/l	93
52) Toluene	10.16	92	2293148	47.182	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	1227386	45.154	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1450312	46.042	ug/l #	88
55) 1,1,2-Trichloroethane	10.56	97	805743	45.173	ug/l	98
56) Ethyl methacrylate	10.43	69	1002322	46.614	ug/l #	85
57) 1,3-Dichloropropane	10.71	76	1365107	44.630	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	1595911	229.076	ug/l	95
59) 2-Hexanone	10.75	43	2203831	207.521	ug/l	93
60) Dibromochloromethane	10.90	129	925831	46.805	ug/l	99
61) 1,2-Dibromoethane	11.01	107	760998	46.131	ug/l	100
64) Tetrachloroethene	10.63	164	973279	47.674	ug/l	98
65) Chlorobenzene	11.44	112	2476888	47.121	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	926259	46.326	ug/l	99
67) Ethyl Benzene	11.51	91	4337177	47.828	ug/l	99
68) m/p-Xylenes	11.62	106	3317332	100.036	ug/l	98
69) o-Xylene	11.95	106	1608294	50.360	ug/l	95
70) Styrene	11.97	104	2623646	51.891	ug/l	97
71) Bromoform	12.13	173	620230	49.632	ug/l	100
73) Isopropylbenzene	12.25	105	4273617	42.305	ug/l	98
74) N-amyl acetate	12.07	43	1047525	36.402	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.51	83	936981	36.344	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	1173737	57.200	ug/l #	100
77) Bromobenzene	12.53	156	1064730	42.945	ug/l	90
78) n-propylbenzene	12.59	91	4918851	43.832	ug/l	98
79) 2-Chlorotoluene	12.68	91	2918933	41.244	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	3518589	45.428	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	257082	40.840	ug/l	90
82) 4-Chlorotoluene	12.78	91	2916865	43.450	ug/l	97
83) tert-Butylbenzene	13.00	119	2959150	44.350	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	3533269	45.895	ug/l	98
85) sec-Butylbenzene	13.17	105	3999748	44.965	ug/l	98
86) p-Isopropyltoluene	13.29	119	3461725	48.051	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	1847842	46.758	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	1813032	46.579	ug/l	99
89) n-Butylbenzene	13.62	91	2761179	49.647	ug/l	97
90) Hexachloroethane	13.88	117	668453	39.366	ug/l	89
91) 1,2-Dichlorobenzene	13.66	146	1821084	46.843	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	141421	40.248	ug/l	87

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QLast Update : Fri Jun 15 15:46:14 2018
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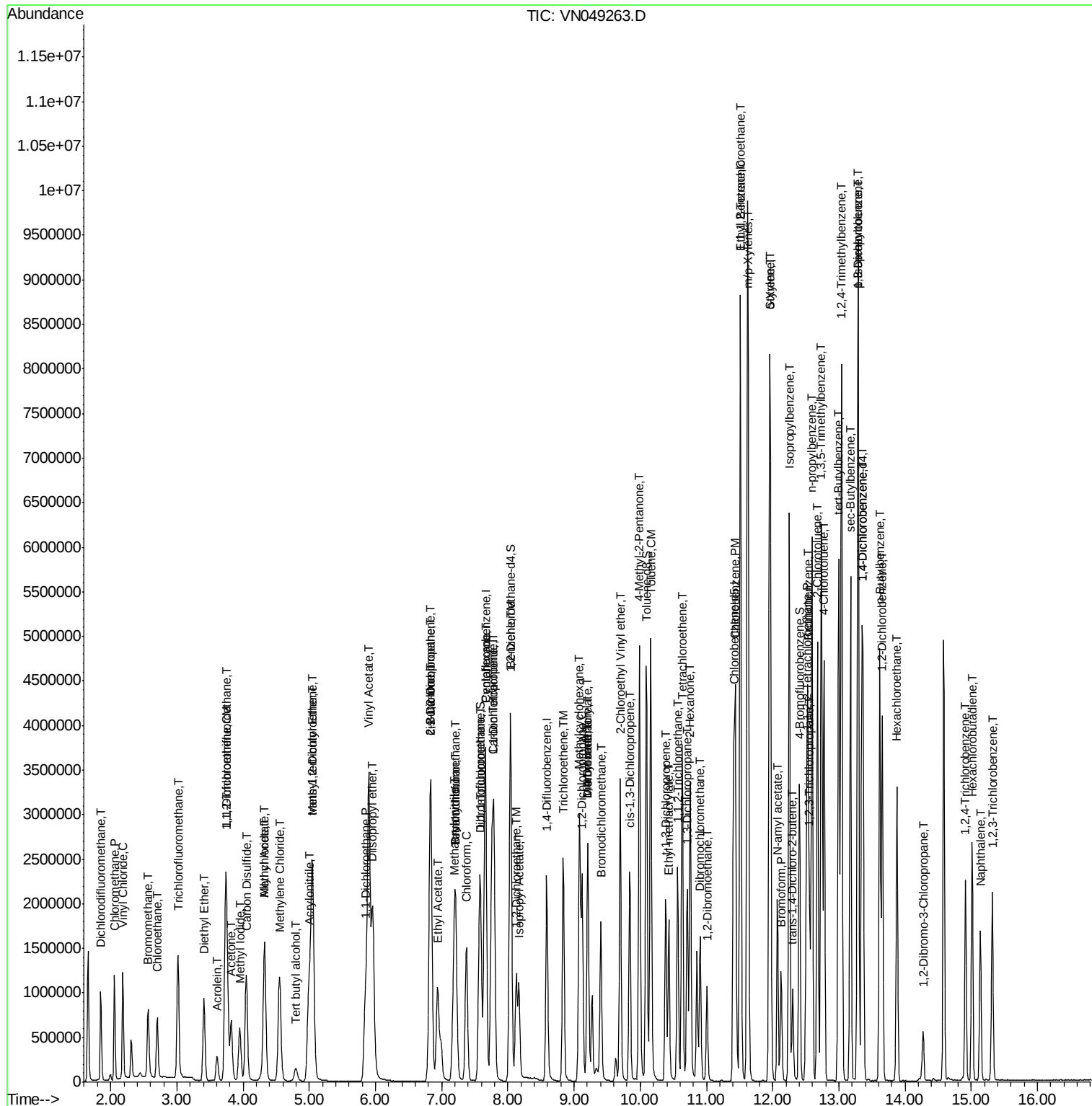
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	769016	53.923	ug/l	98
94) Hexachlorobutadiene	15.01	225	576160	49.009	ug/l	98
95) Naphthalene	15.14	128	1485331	47.821	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	780561	50.842	ug/l	98

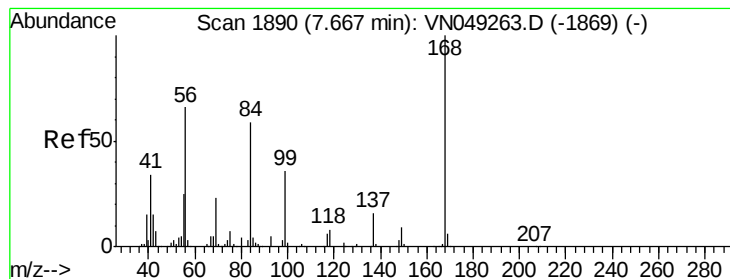
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN061618\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049263.D

Acq: 15 Jun 2018 15:18

Instrument :

MSVOA_N

ClientSampleId :

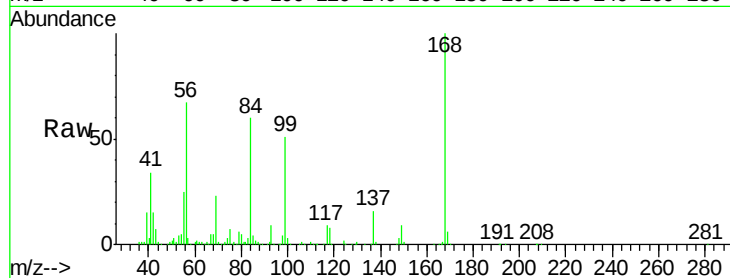
VSTDICCC050

Tgt Ion:168 Resp: 1506616

Ion Ratio Lower Upper

168 100

99 50.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

600000

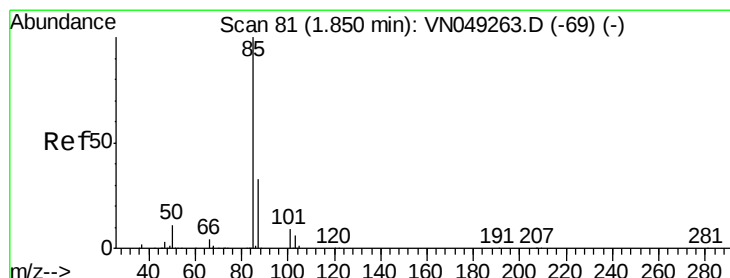
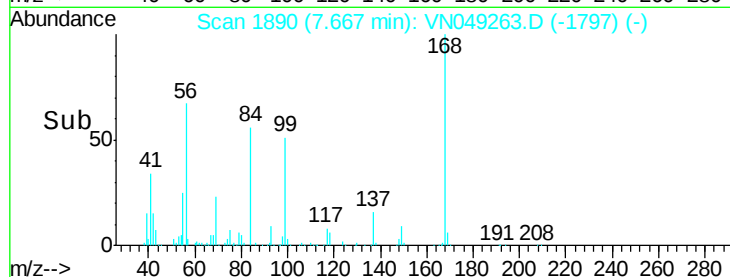
400000

200000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 36.119 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN049263.D

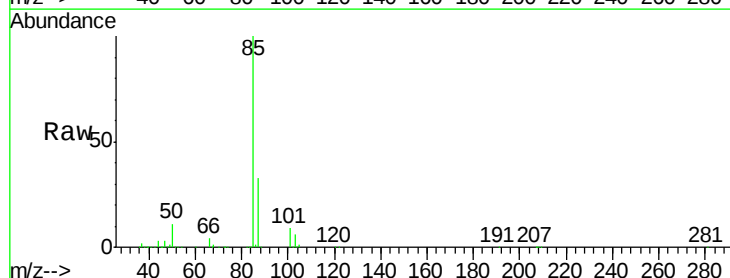
Acq: 15 Jun 2018 15:18

Tgt Ion: 85 Resp: 783825

Ion Ratio Lower Upper

85 100

87 32.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

600000

500000

400000

300000

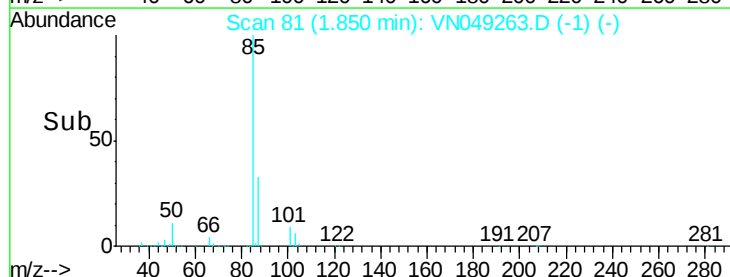
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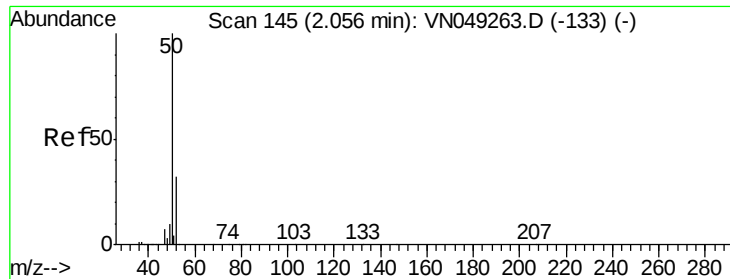
100000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 44.404 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049263.D

Acq: 15 Jun 2018 15:18

Instrument :

MSVOA_N

ClientSampleId :

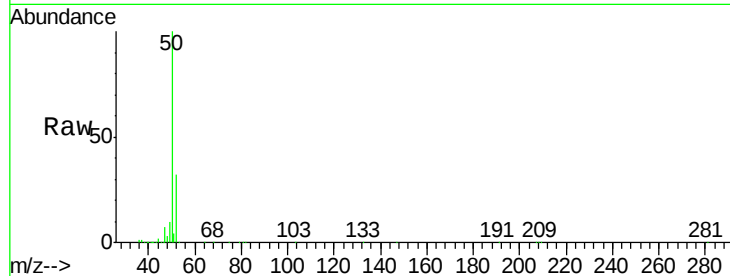
VSTDICCC050

Tgt Ion: 50 Resp: 984614

Ion Ratio Lower Upper

50 100

52 32.5 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VN049263.D (-133) (-)

Ion 51.90 (51.60 to 52.60): VN049263.D (-133) (-)

2.06

800000

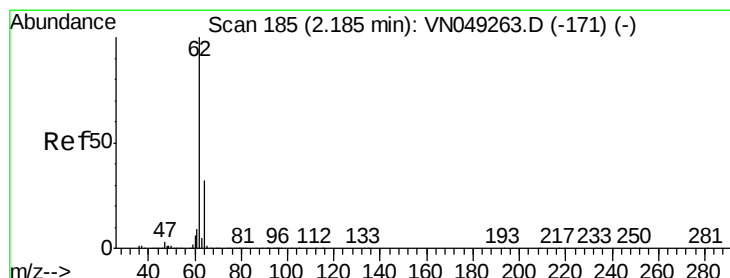
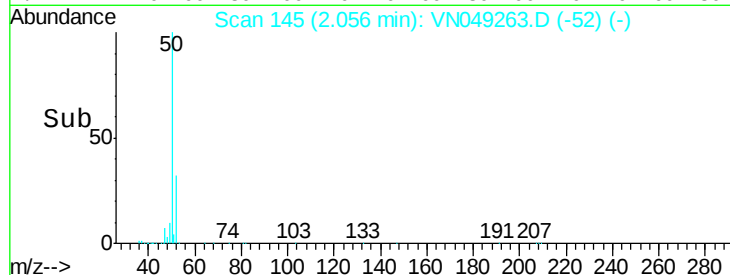
600000

400000

200000

0

Time-->



#4

Vinyl Chloride

Concen: 46.798 ug/l

RT: 2.18 min Scan# 185

Delta R.T. 0.00 min

Lab File: VN049263.D

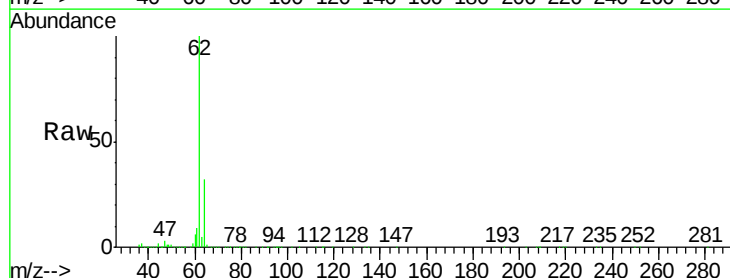
Acq: 15 Jun 2018 15:18

Tgt Ion: 62 Resp: 1064076

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN049263.D (-171) (-)

Ion 63.90 (63.60 to 64.60): VN049263.D (-171) (-)

2.18

800000

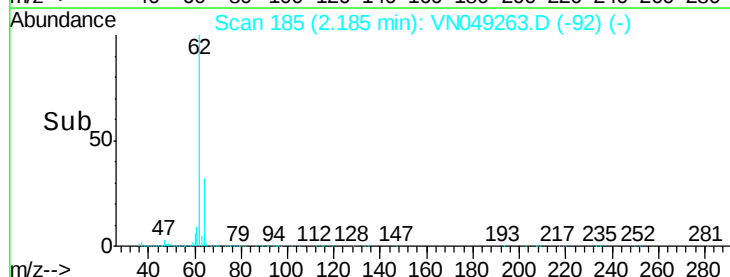
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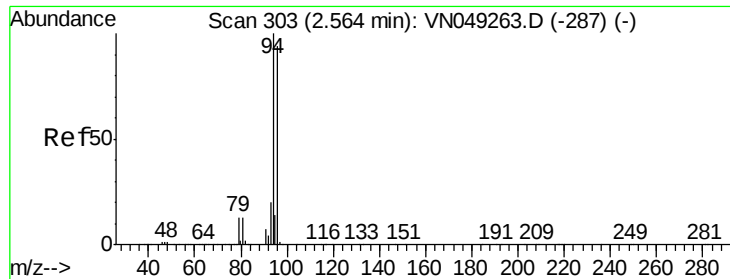
400000

200000

0

Time-->





#5

Bromomethane

Concen: 40.659 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN049263.D

Acq: 15 Jun 2018 15:18

Instrument :

MSVOA_N

ClientSampleId :

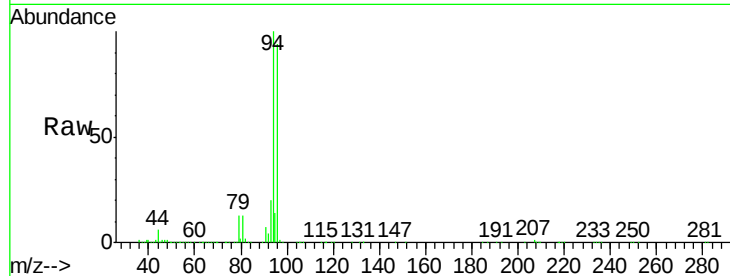
VSTDICCC050

Tgt Ion: 94 Resp: 557403

Ion Ratio Lower Upper

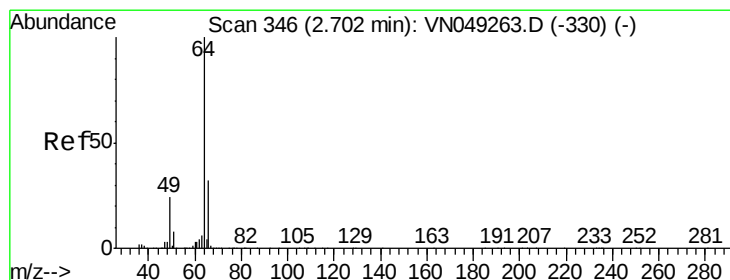
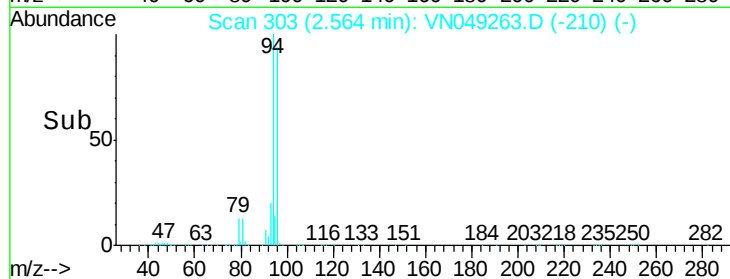
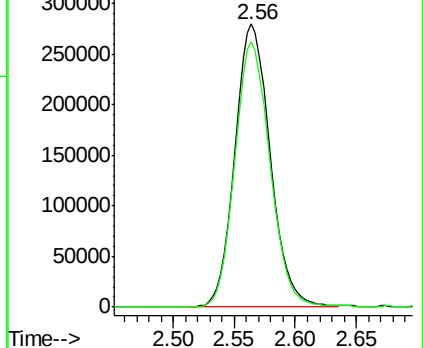
94 100

96 93.7 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 42.745 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049263.D

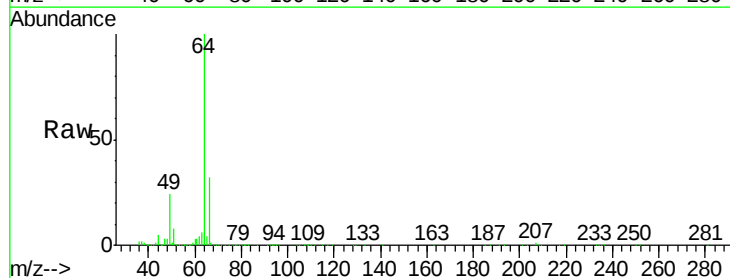
Acq: 15 Jun 2018 15:18

Tgt Ion: 64 Resp: 656344

Ion Ratio Lower Upper

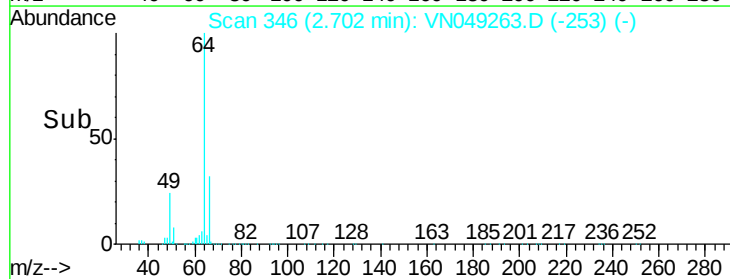
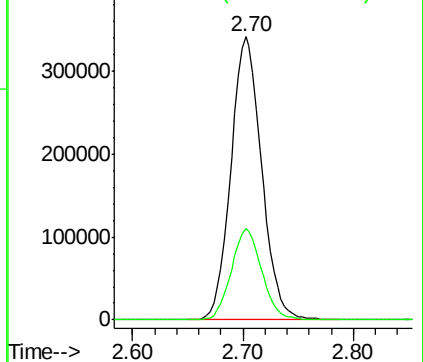
64 100

66 32.2 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO



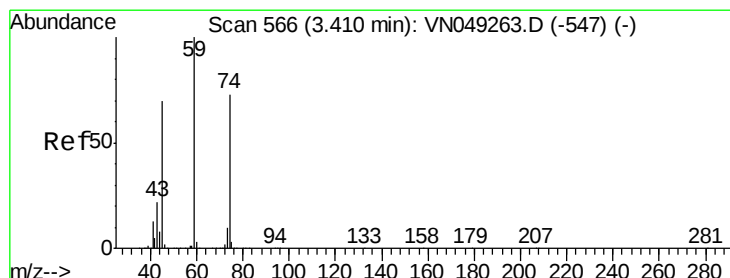
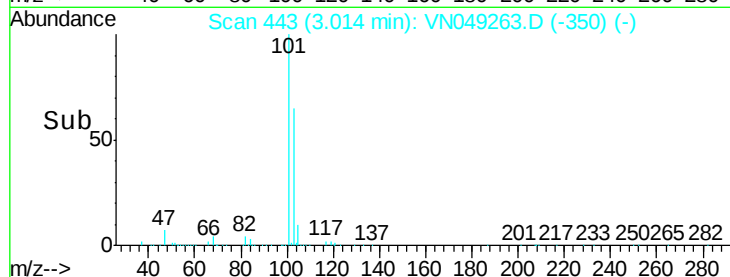
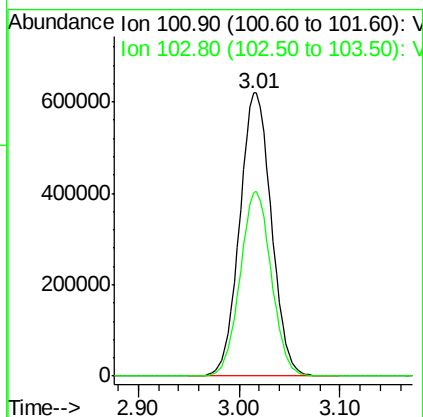
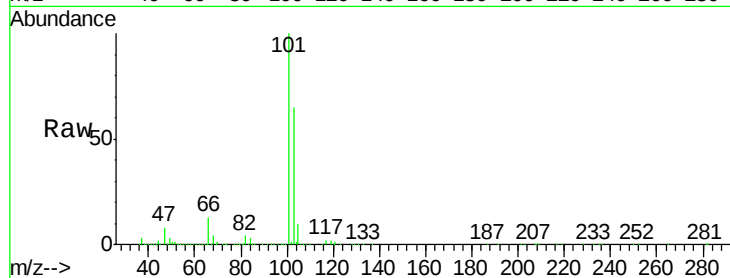


#7

Trichlorofluoromethane
Concen: 41.990 ug/l
RT: 3.01 min Scan# 443
Delta R.T. 0.00 min
Lab File: VN049263.D
Acq: 15 Jun 2018 15:18

Instrument :
MSVOA_N
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VSTDICCC050

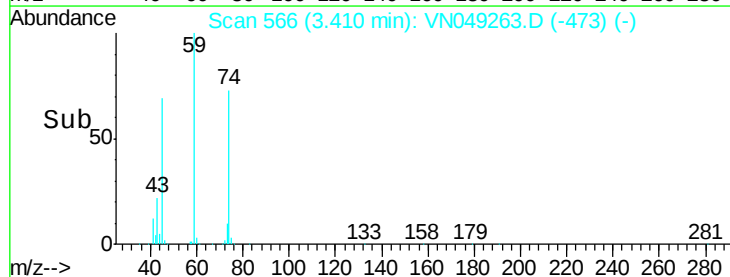
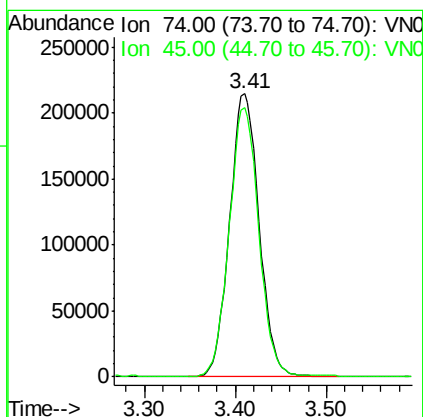
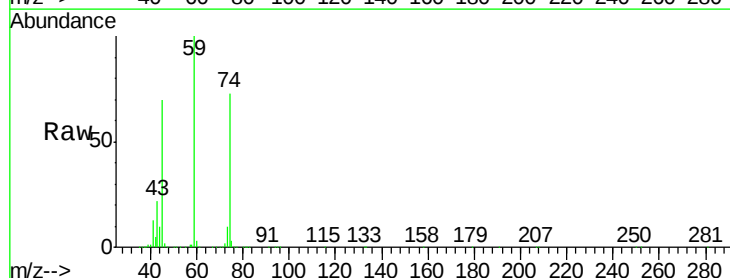
Tgt Ion:101 Resp: 1344290
Ion Ratio Lower Upper
101 100
103 64.8 51.7 77.5



#8

Diethyl Ether
Concen: 40.757 ug/l
RT: 3.41 min Scan# 566
Delta R.T. 0.00 min
Lab File: VN049263.D
Acq: 15 Jun 2018 15:18

Tgt Ion: 74 Resp: 484545
Ion Ratio Lower Upper
74 100
45 94.6 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 41.807 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN049263.D

Acq: 15 Jun 2018 15:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

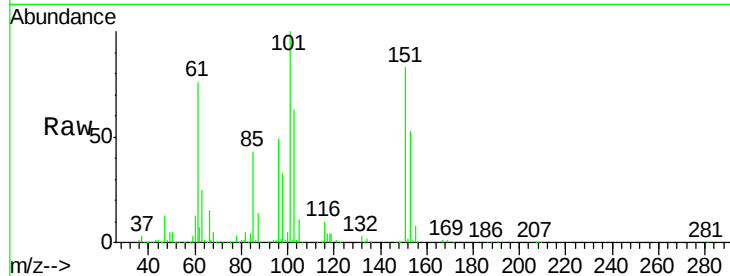
Tgt Ion:101 Resp: 866419

Ion Ratio Lower Upper

101 100

85 42.1 37.6 56.4

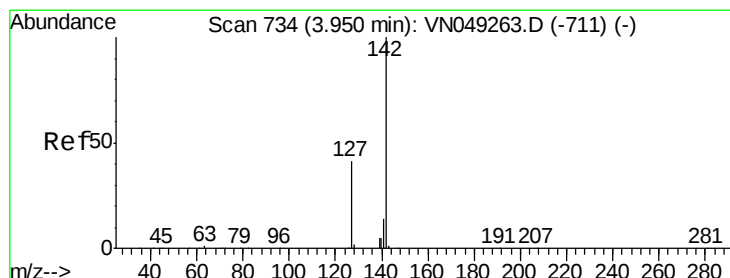
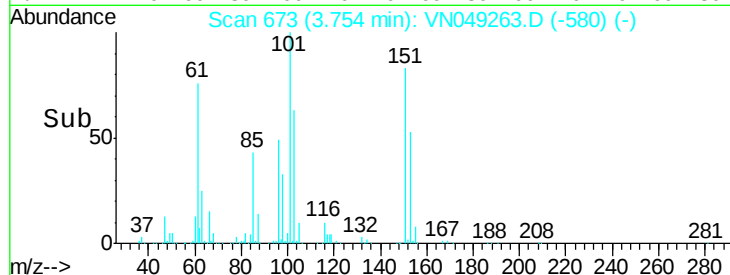
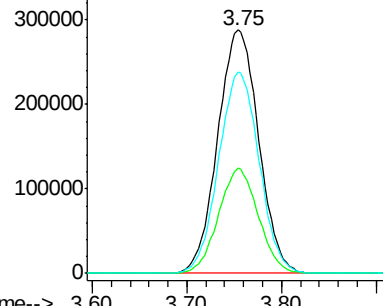
151 82.0 61.1 91.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.034 ug/l

RT: 3.95 min Scan# 734

Delta R.T. 0.00 min

Lab File: VN049263.D

Acq: 15 Jun 2018 15:18

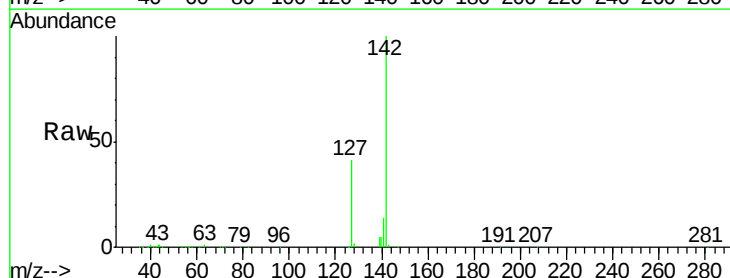
Tgt Ion:142 Resp: 988082

Ion Ratio Lower Upper

142 100

127 41.4 38.2 57.4

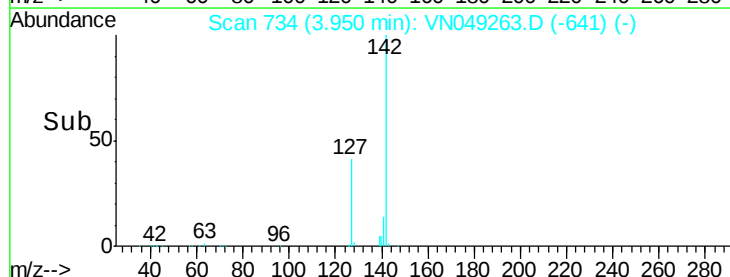
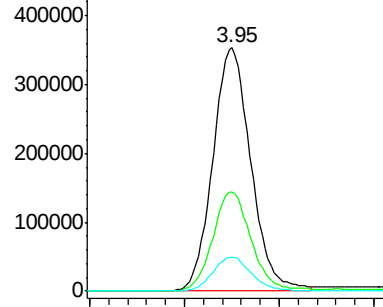
141 14.3 11.9 17.9

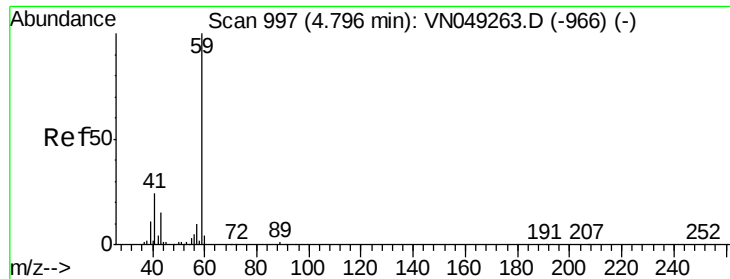


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



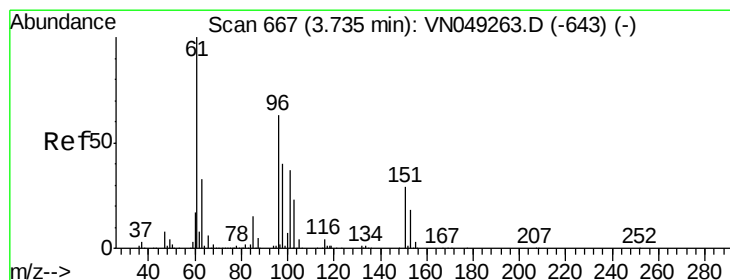
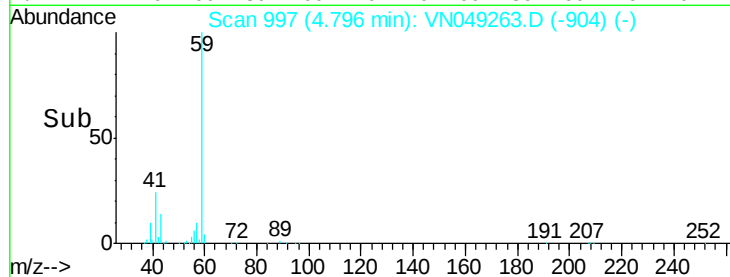
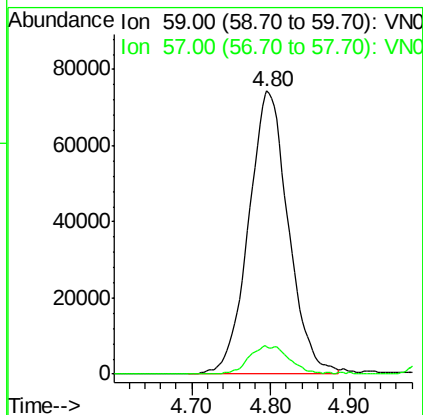
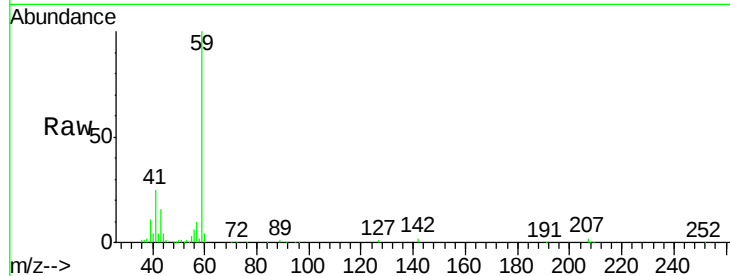


#11

Tert butyl alcohol
 Concen: 199.271 ug/l
 RT: 4.80 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: VN049263.D
 Acq: 15 Jun 2018 15:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

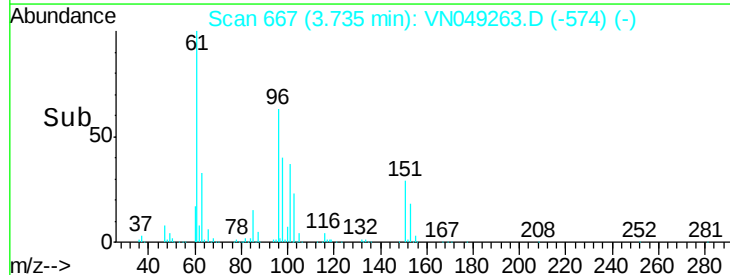
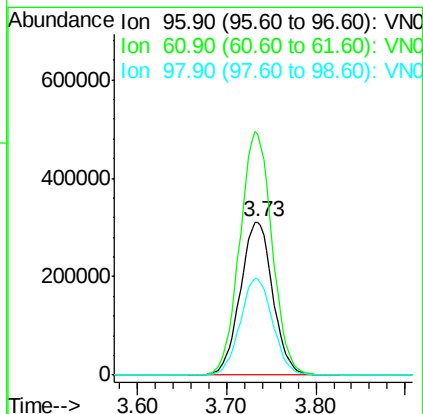
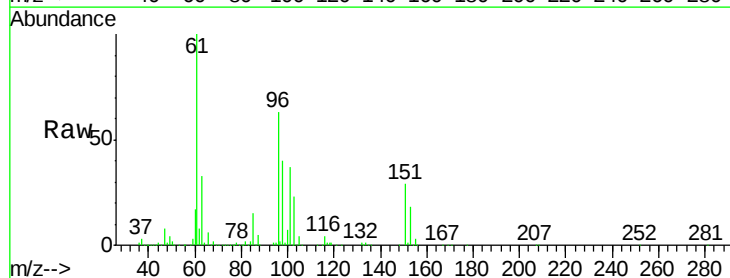
Tgt Ion: 59 Resp: 264244
 Ion Ratio Lower Upper
 59 100
 57 5.4 9.0 13.6#

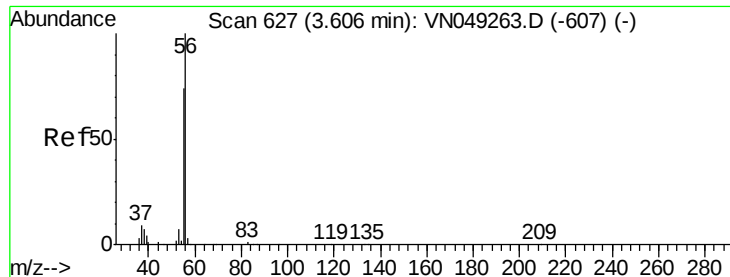


#12

1,1-Dichloroethene
 Concen: 41.913 ug/l
 RT: 3.73 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: VN049263.D
 Acq: 15 Jun 2018 15:18

Tgt Ion: 96 Resp: 788713
 Ion Ratio Lower Upper
 96 100
 61 157.6 141.0 211.4
 98 62.9 50.4 75.6





#13

Acrolein

Concen: 176.171 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN049263.D

Acq: 15 Jun 2018 15:18

Instrument :

MSVOA_N

ClientSampleId :

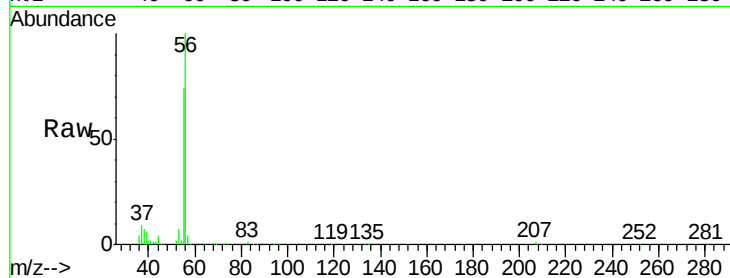
VSTDICCC050

Tgt Ion: 56 Resp: 318071

Ion Ratio Lower Upper

56 100

55 73.6 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VN049263.D (-607) (-)

Ion 55.00 (54.70 to 55.70): VN049263.D (-607) (-)

3.61

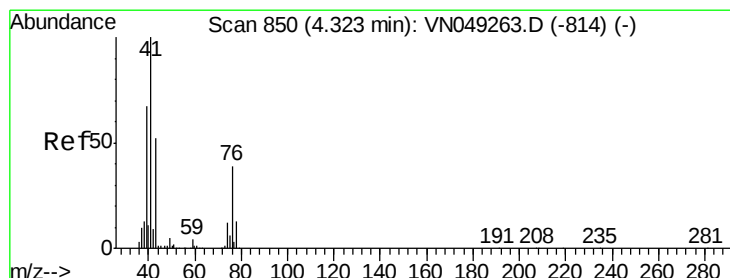
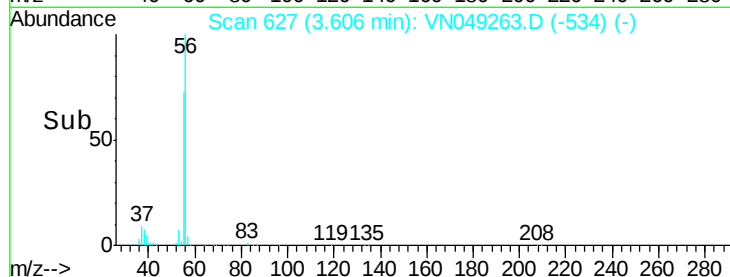
150000

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 36.686 ug/l

RT: 4.32 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN049263.D

Acq: 15 Jun 2018 15:18

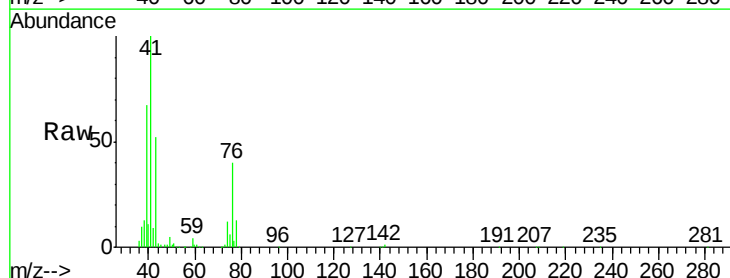
Tgt Ion: 41 Resp: 1296447

Ion Ratio Lower Upper

41 100

39 64.8 62.5 93.7

76 36.9 27.1 40.7



Abundance Ion 41.00 (40.70 to 41.70): VN049263.D (-814) (-)

Ion 39.00 (38.70 to 39.70): VN049263.D (-814) (-)

Ion 75.90 (75.60 to 76.60): VN049263.D (-814) (-)

4.32

600000

500000

400000

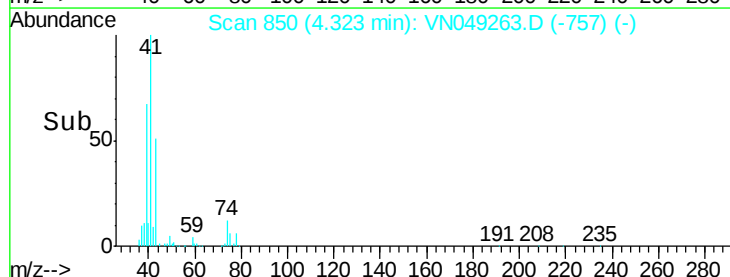
300000

200000

100000

0

Time-->

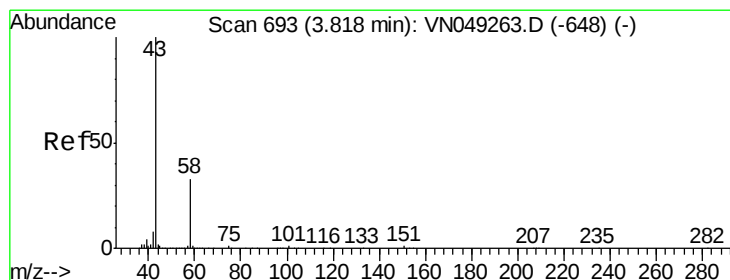
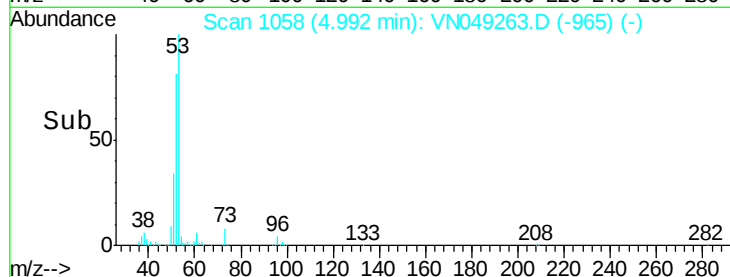
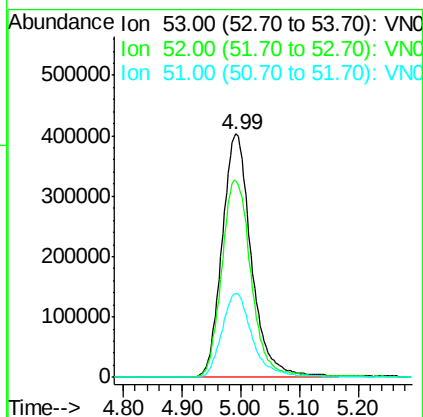
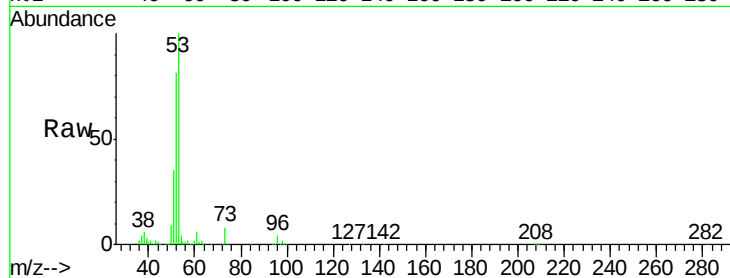




#15
 Acrylonitrile
 Concen: 196.122 ug/l
 RT: 4.99 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: VN049263.D
 Acq: 15 Jun 2018 15:18

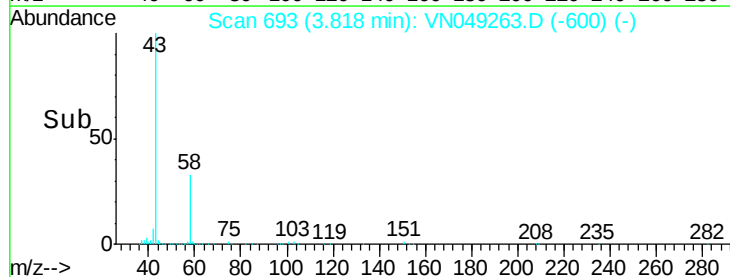
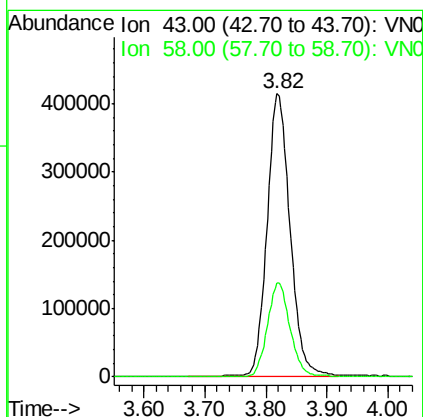
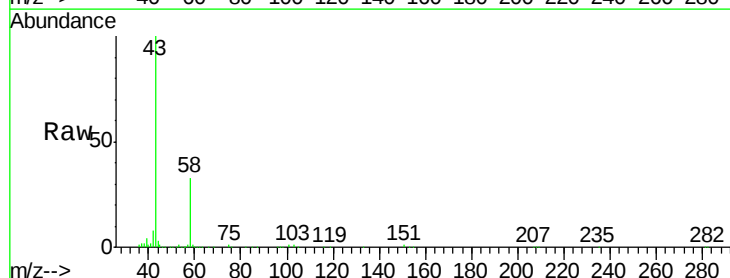
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

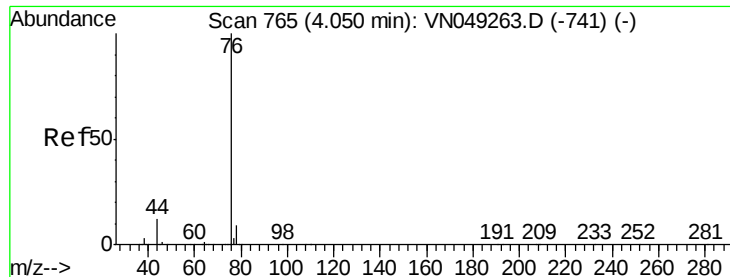
Tgt Ion: 53 Resp: 1399782
 Ion Ratio Lower Upper
 53 100
 52 81.4 66.6 100.0
 51 35.8 29.8 44.8



#16
 Acetone
 Concen: 188.174 ug/l
 RT: 3.82 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: VN049263.D
 Acq: 15 Jun 2018 15:18

Tgt Ion: 43 Resp: 1093831
 Ion Ratio Lower Upper
 43 100
 58 33.0 22.4 33.6

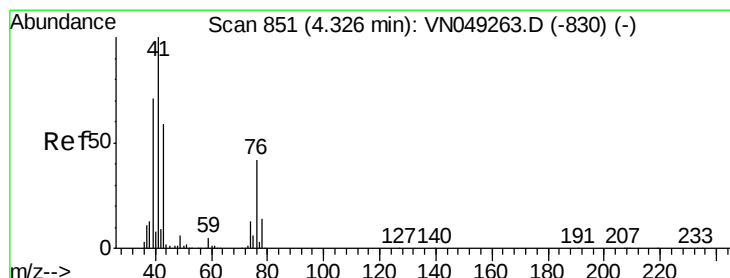
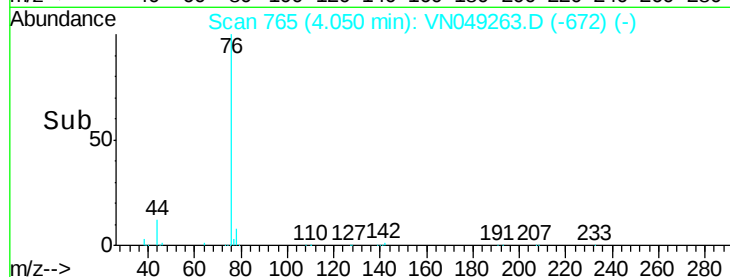
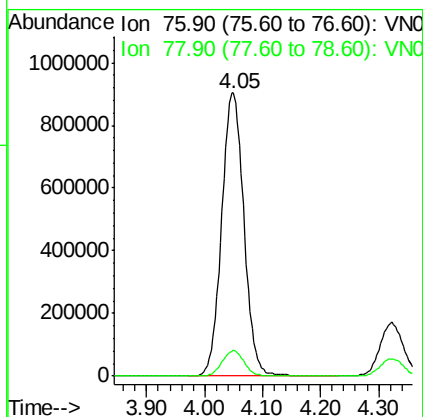
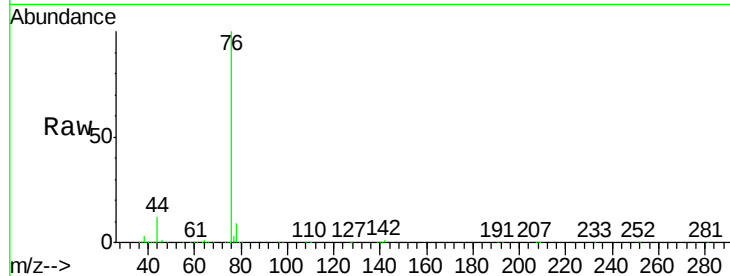




#17
Carbon Disulfide
Concen: 37.435 ug/l
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN049263.D
Acq: 15 Jun 2018 15:18

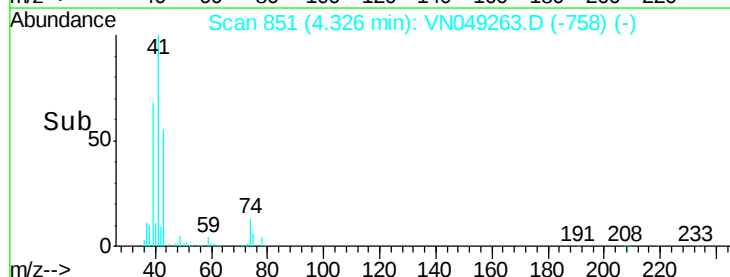
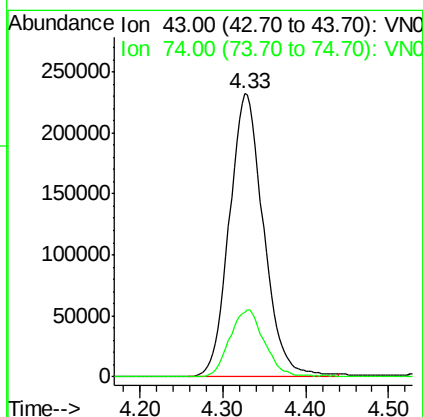
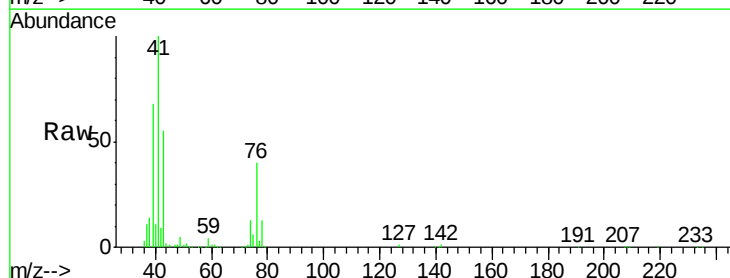
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 2403143
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 27.122 ug/l
RT: 4.33 min Scan# 851
Delta R.T. 0.00 min
Lab File: VN049263.D
Acq: 15 Jun 2018 15:18

Tgt Ion: 43 Resp: 663055
Ion Ratio Lower Upper
43 100
74 24.1 17.4 26.0

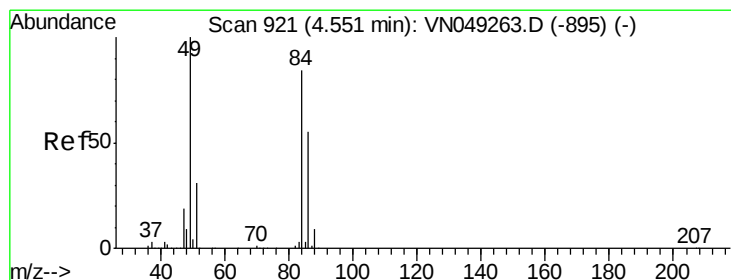
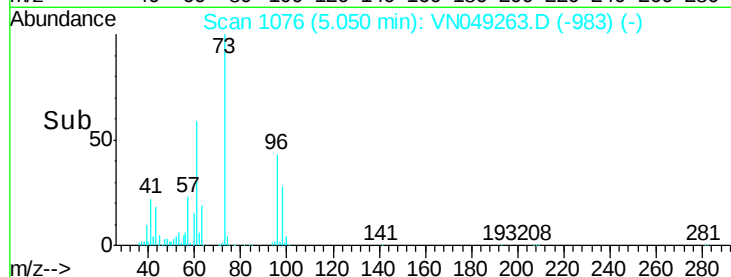
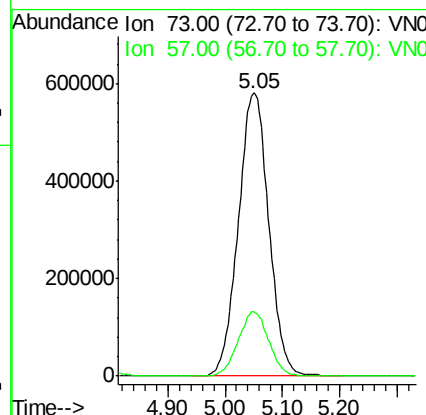
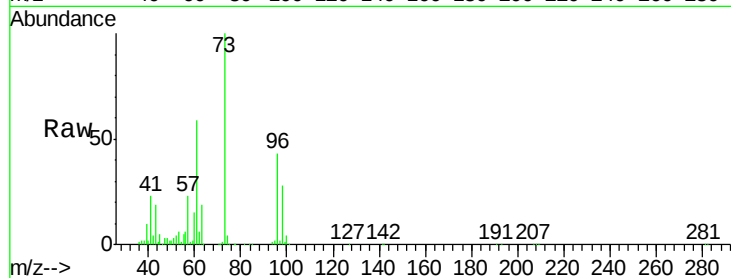




#19
Methyl tert-butyl Ether
Concen: 41.819 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VN049263.D
Acq: 15 Jun 2018 15:18

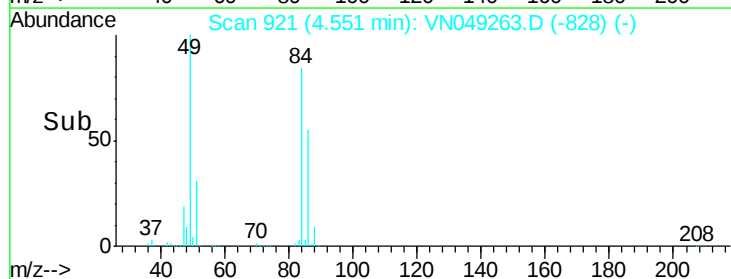
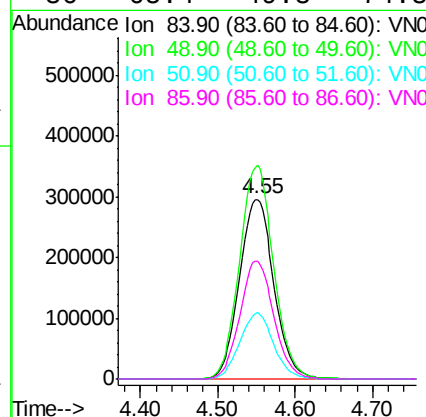
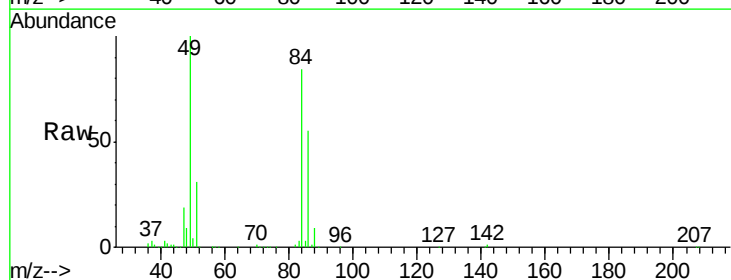
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 2144175
Ion Ratio Lower Upper
73 100
57 22.8 18.2 27.4



#20
Methylene Chloride
Concen: 38.743 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049263.D
Acq: 15 Jun 2018 15:18

Tgt Ion: 84 Resp: 914592
Ion Ratio Lower Upper
84 100
49 118.9 106.9 160.3
51 36.9 32.7 49.1
86 65.4 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 40.629 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VN049263.D

Acq: 15 Jun 2018 15:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

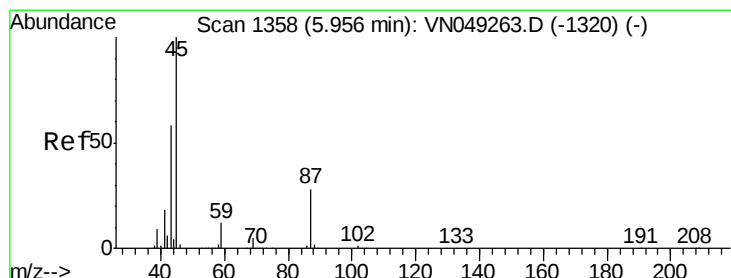
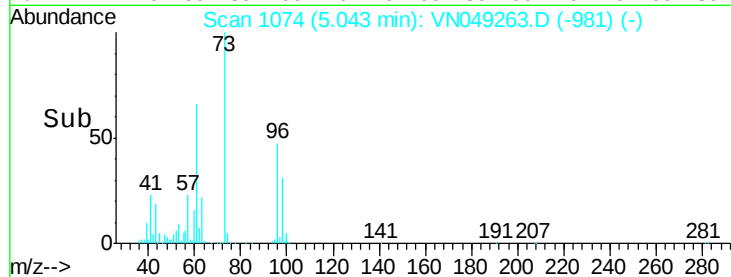
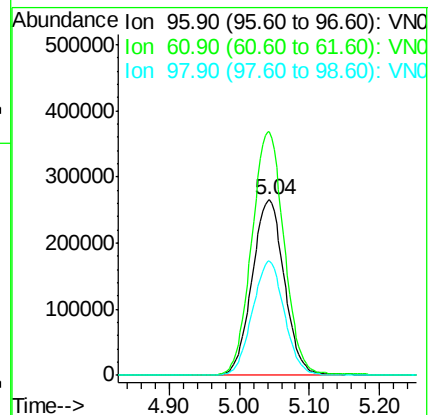
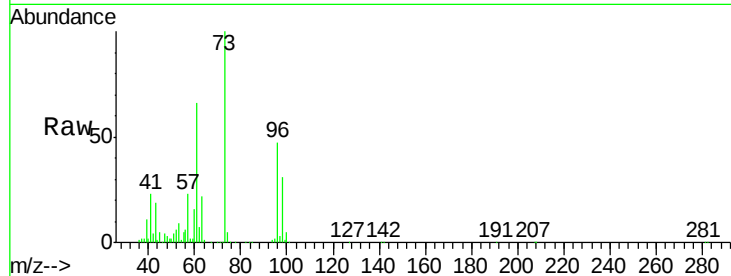
Tgt Ion: 96 Resp: 847582

Ion Ratio Lower Upper

96 100

61 138.8 121.3 181.9

98 65.0 52.0 78.0



#22

Diisopropyl ether

Concen: 37.413 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VN049263.D

Acq: 15 Jun 2018 15:18

Tgt Ion: 45 Resp: 2639037

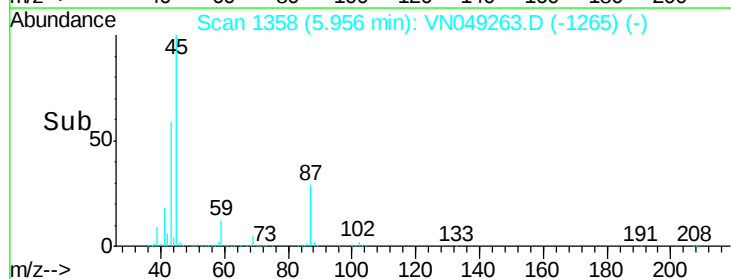
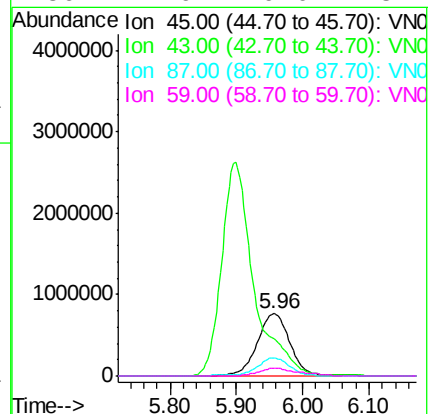
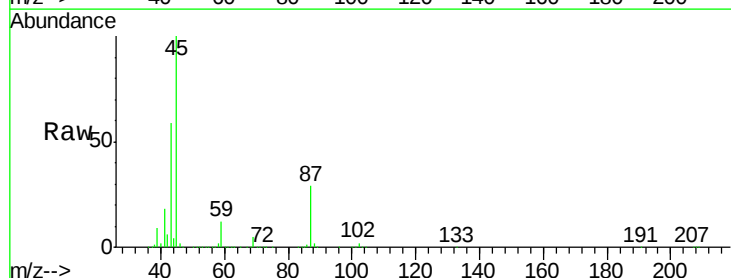
Ion Ratio Lower Upper

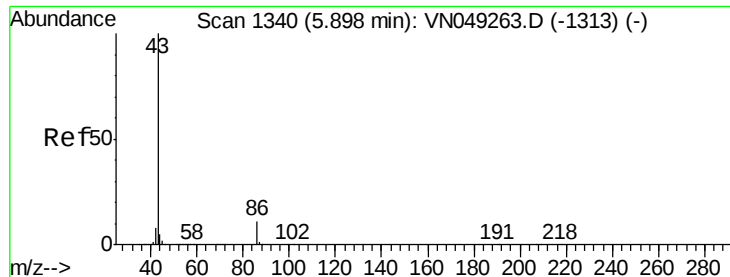
45 100

43 58.0 48.6 72.8

87 28.4 20.2 30.2

59 11.9 9.0 13.4





#23

Vinyl Acetate

Concen: 190.019 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VN049263.D

Acq: 15 Jun 2018 15:18

Instrument :

MSVOA_N

ClientSampleId :

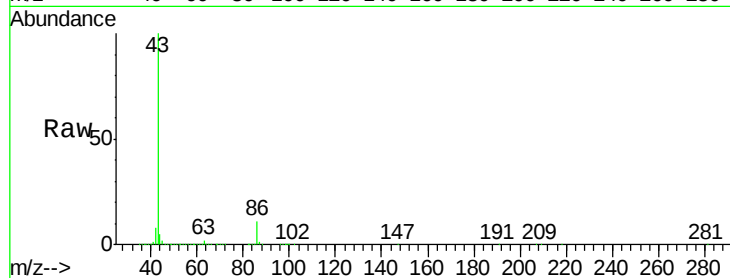
VSTDICCC050

Tgt Ion: 43 Resp: 8859805

Ion Ratio Lower Upper

43 100

86 10.5 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN049263.D (-1313) (-)

Ion 86.00 (85.70 to 86.70): VN049263.D (-1313) (-)

3000000

2500000

2000000

1500000

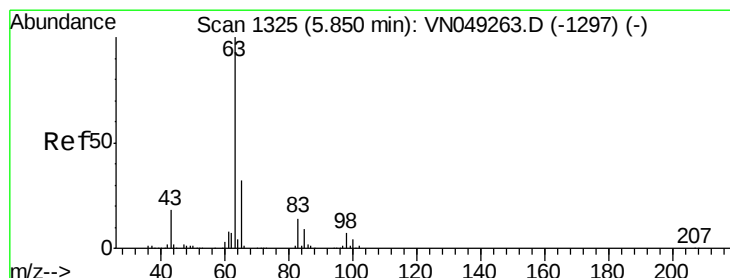
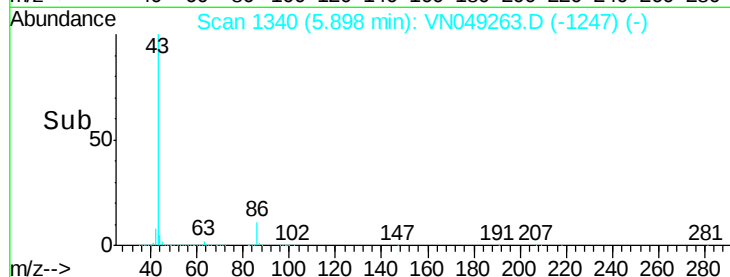
1000000

500000

0

Time-->

5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 38.264 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VN049263.D

Acq: 15 Jun 2018 15:18

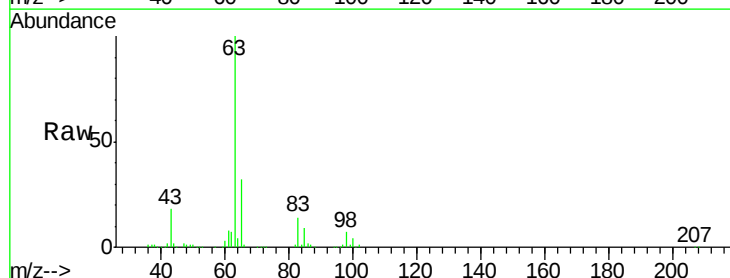
Tgt Ion: 63 Resp: 1608402

Ion Ratio Lower Upper

63 100

98 6.6 2.9 8.8

100 4.3 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN049263.D (-1297) (-)

Ion 97.90 (97.60 to 98.60): VN049263.D (-1297) (-)

Ion 99.90 (99.60 to 100.60): VN049263.D (-1297) (-)

600000

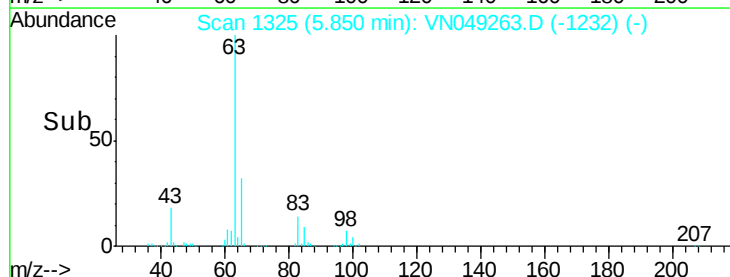
400000

200000

0

Time-->

5.70 5.80 5.90 6.00





#25

2-Butanone

Concen: 184.301 ug/l

RT: 6.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VN049263.D

Acq: 15 Jun 2018 15:18

Instrument :

MSVOA_N

ClientSampleId :

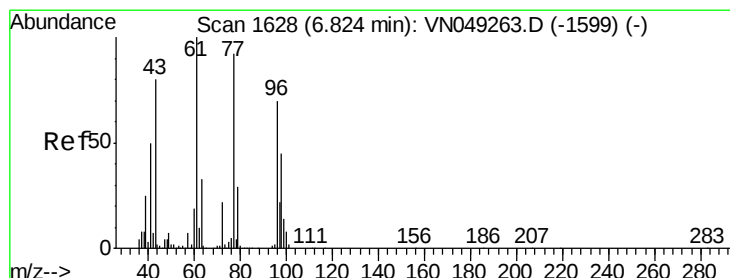
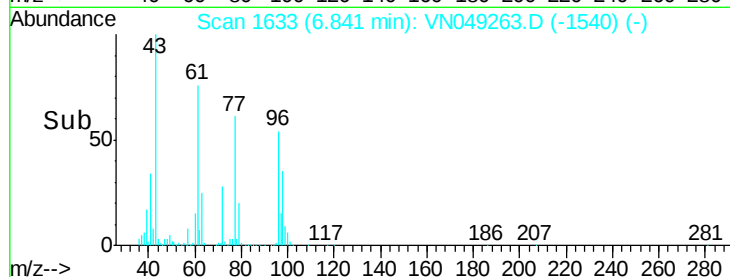
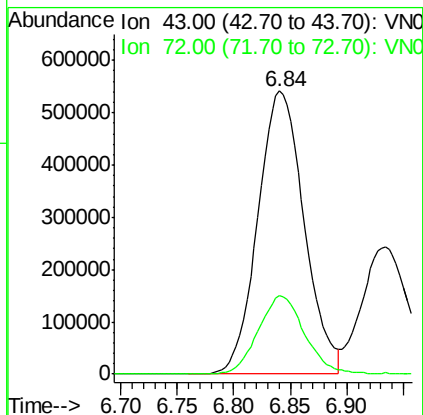
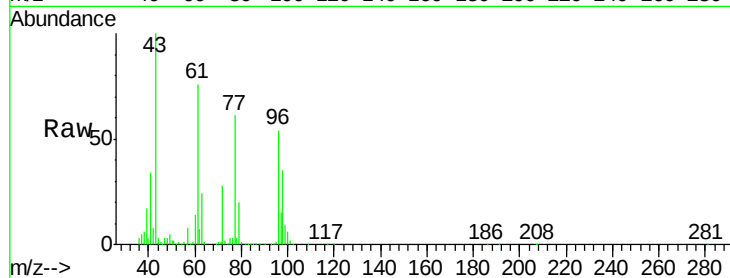
VSTDICCC050

Tgt Ion: 43 Resp: 1534028

Ion Ratio Lower Upper

43 100

72 27.6 20.2 30.2



#26

2,2-Dichloropropane

Concen: 41.693 ug/l

RT: 6.82 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN049263.D

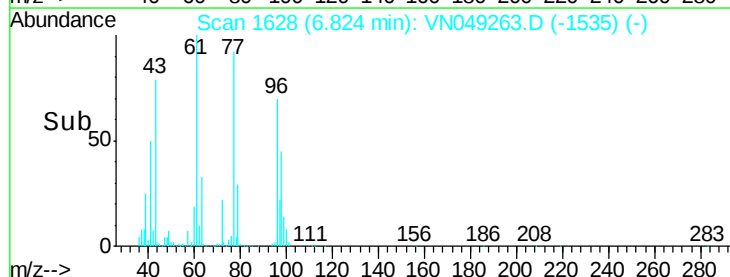
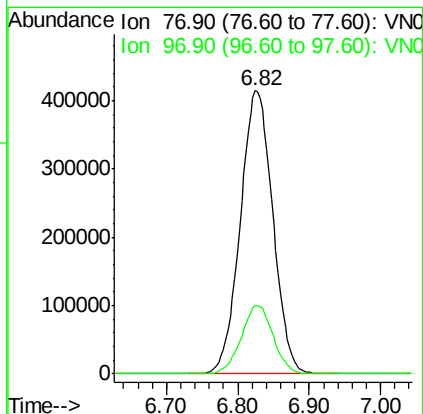
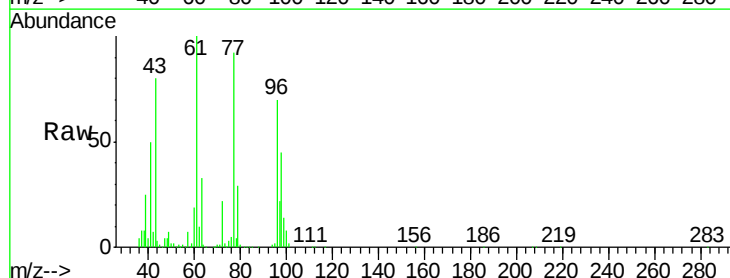
Acq: 15 Jun 2018 15:18

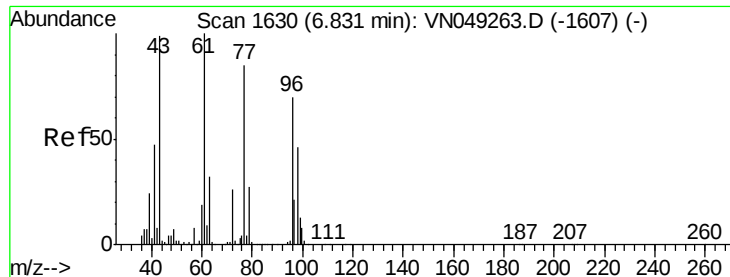
Tgt Ion: 77 Resp: 1314186

Ion Ratio Lower Upper

77 100

97 23.7 11.0 33.0

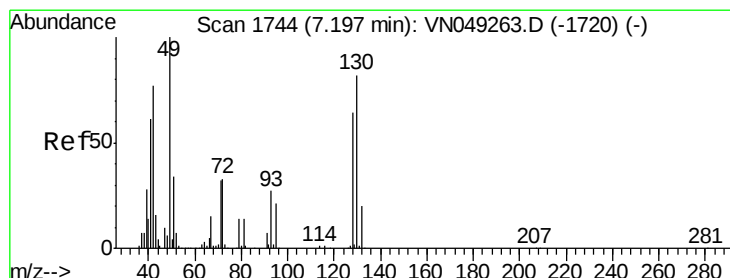
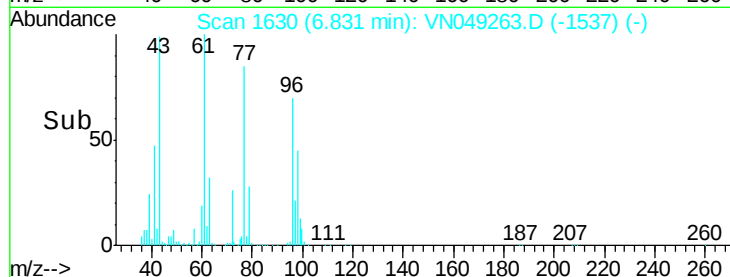
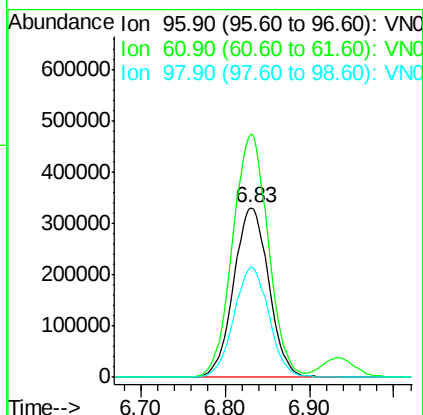
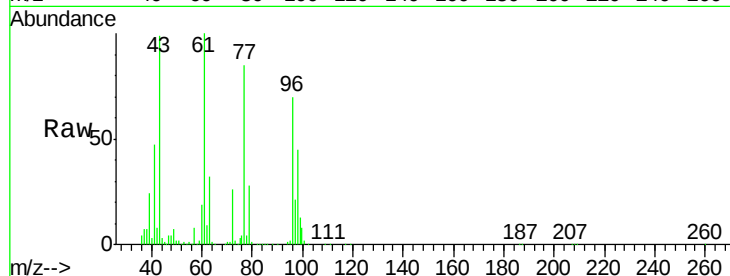




#27
 cis-1,2-Dichloroethene
 Concen: 42.279 ug/l
 RT: 6.83 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VN049263.D
 Acq: 15 Jun 2018 15:18

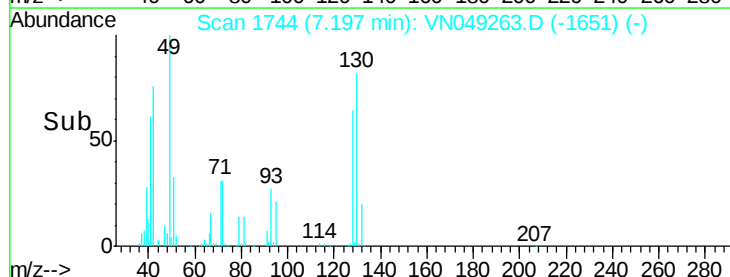
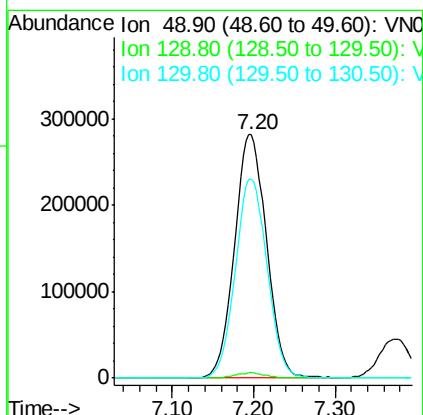
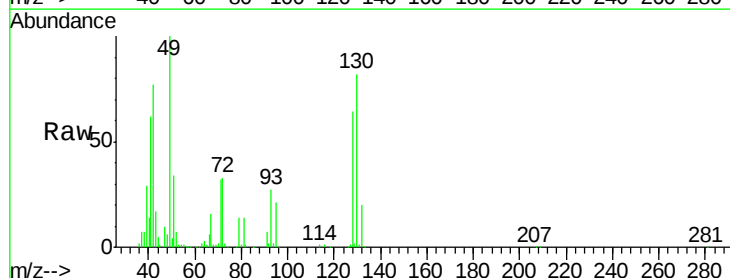
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

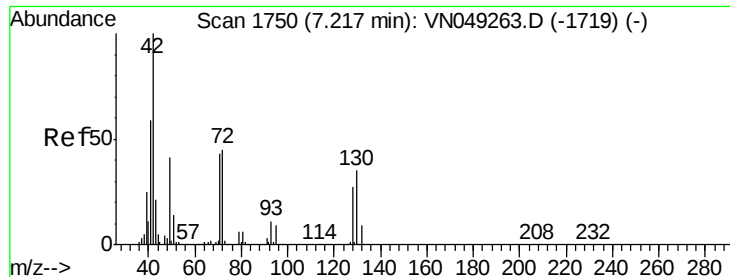
Tgt Ion: 96 Resp: 960514
 Ion Ratio Lower Upper
 96 100
 61 145.2 0.0 316.4
 98 64.9 0.0 128.4



#28
 Bromochloromethane
 Concen: 38.493 ug/l
 RT: 7.20 min Scan# 1744
 Delta R.T. 0.00 min
 Lab File: VN049263.D
 Acq: 15 Jun 2018 15:18

Tgt Ion: 49 Resp: 767955
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 81.0 54.9 82.3





#29

Tetrahydrofuran

Concen: 187.846 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN049263.D

Acq: 15 Jun 2018 15:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

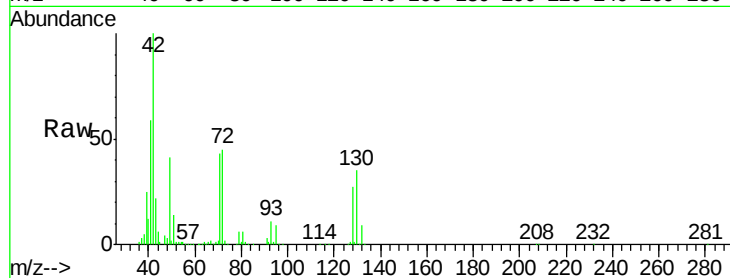
Tgt Ion: 42 Resp: 1005874

Ion Ratio Lower Upper

42 100

72 44.1 32.2 48.4

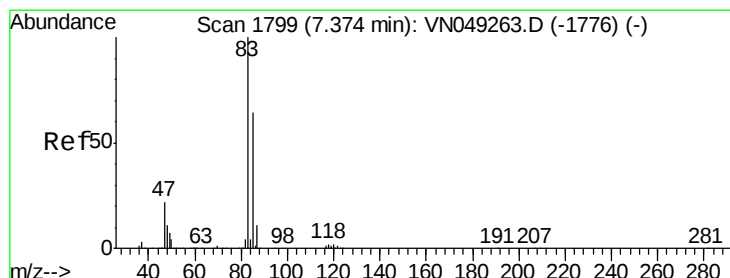
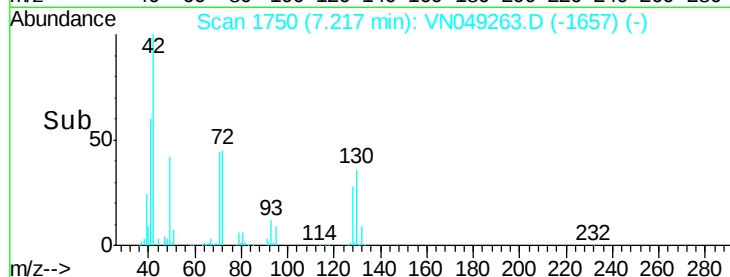
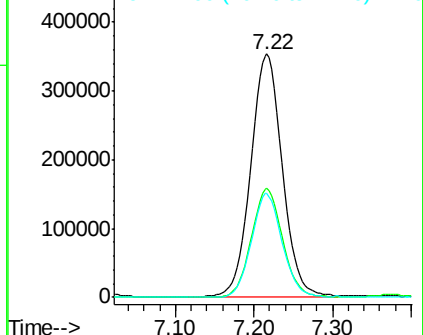
71 41.7 30.5 45.7



Abundance Ion 42.00 (41.70 to 42.70): VN049263.D (-1719) (-)

Ion 72.00 (71.70 to 72.70): VN049263.D (-1719) (-)

Ion 71.00 (70.70 to 71.70): VN049263.D (-1719) (-)



#30

Chloroform

Concen: 39.828 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN049263.D

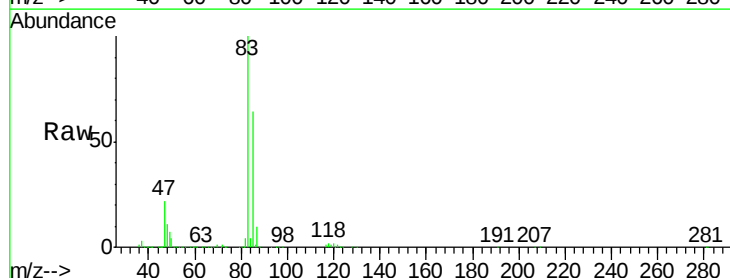
Acq: 15 Jun 2018 15:18

Tgt Ion: 83 Resp: 1608628

Ion Ratio Lower Upper

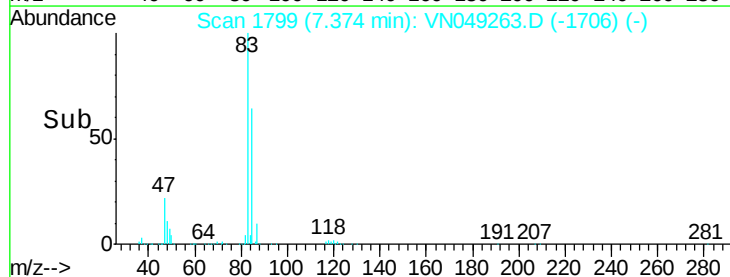
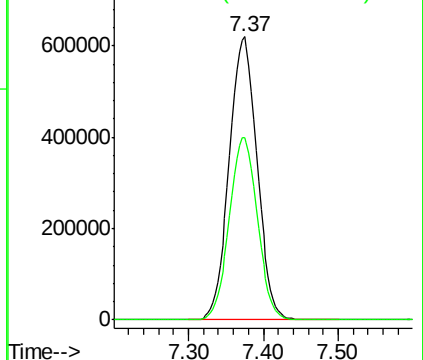
83 100

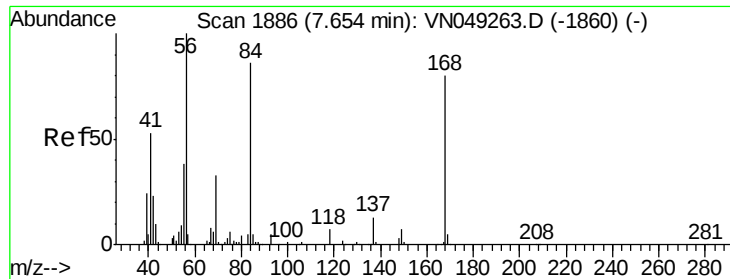
85 64.5 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VN049263.D (-1776) (-)

Ion 84.90 (84.60 to 85.60): VN049263.D (-1776) (-)

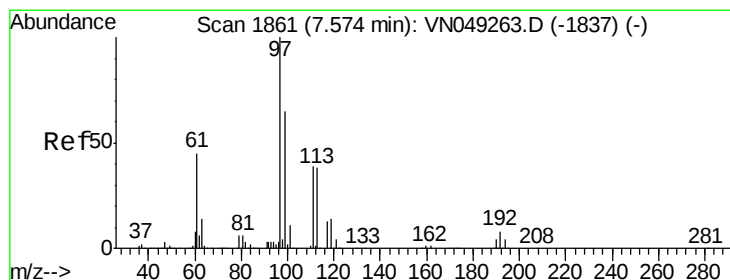
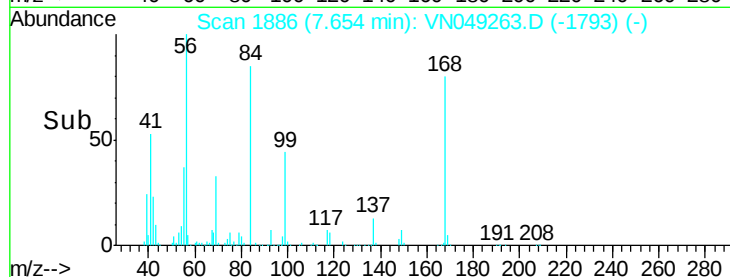
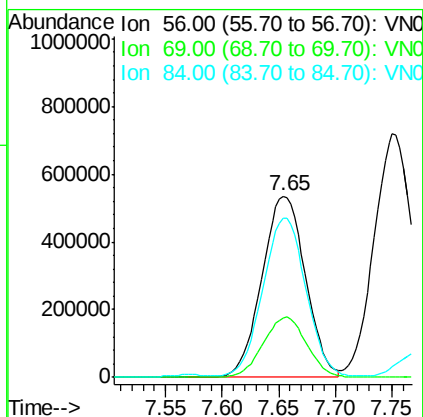
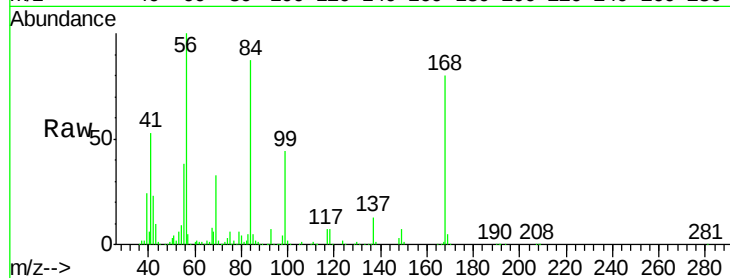




#31
Cyclohexane
Concen: 34.065 ug/l
RT: 7.65 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VN049263.D
Acq: 15 Jun 2018 15:18

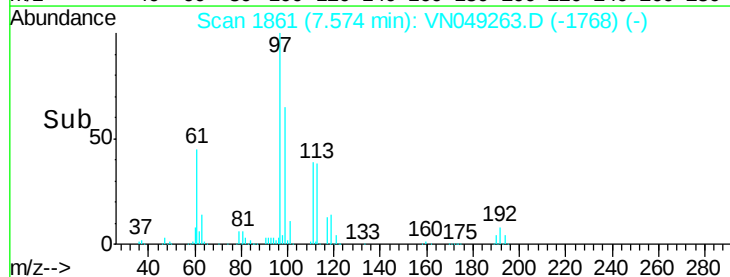
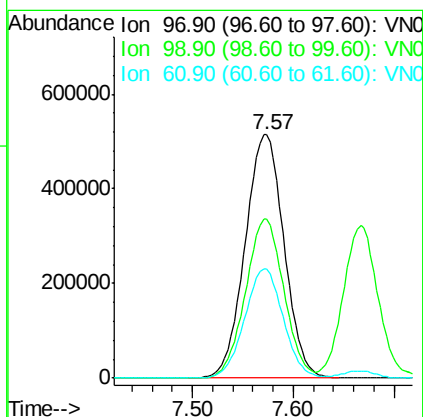
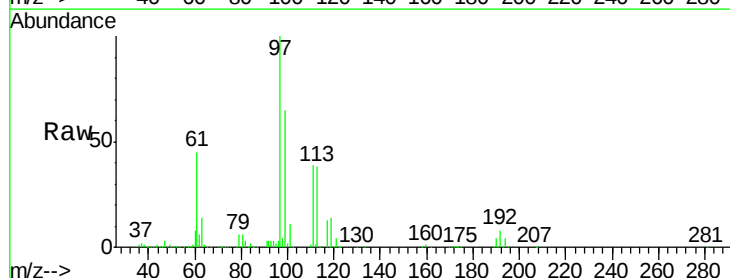
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

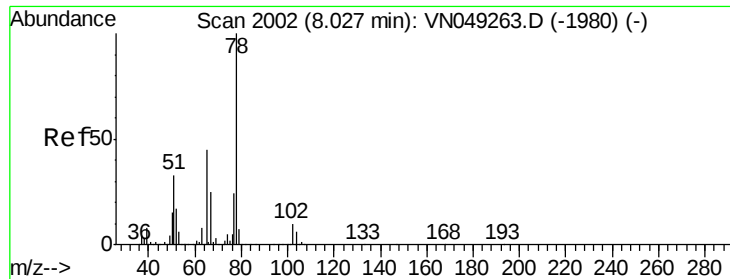
Tgt Ion: 56 Resp: 1430527
Ion Ratio Lower Upper
56 100
69 32.8 25.0 37.4
84 85.9 64.6 96.8



#32
1,1,1-Trichloroethane
Concen: 39.605 ug/l
RT: 7.57 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN049263.D
Acq: 15 Jun 2018 15:18

Tgt Ion: 97 Resp: 1377757
Ion Ratio Lower Upper
97 100
99 64.3 50.5 75.7
61 44.3 37.9 56.9

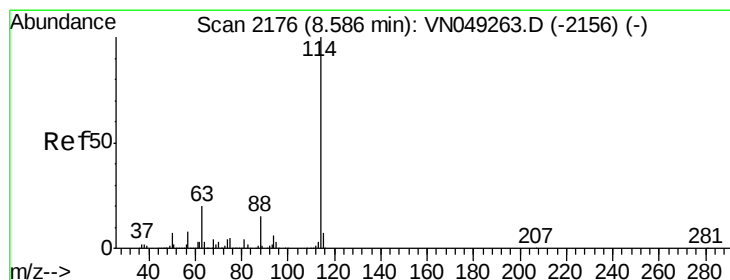
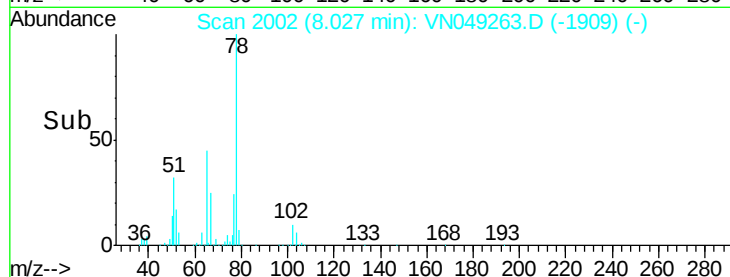
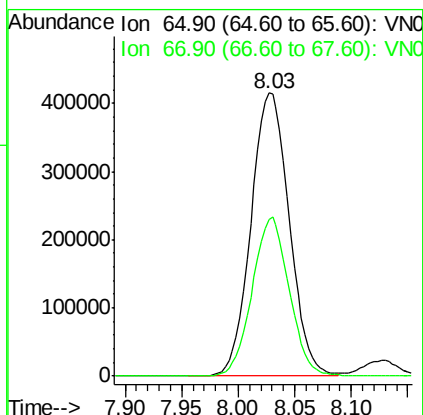
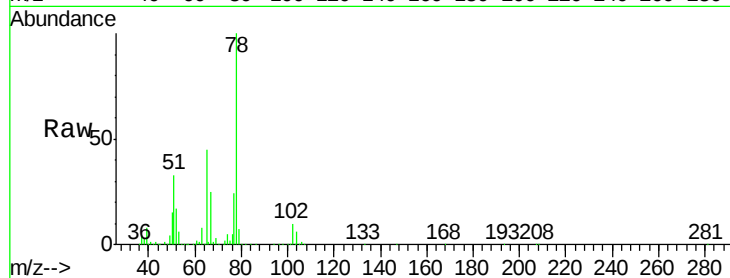




#33
 1,2-Dichloroethane-d4
 Concen: 40.154 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049263.D
 Acq: 15 Jun 2018 15:18

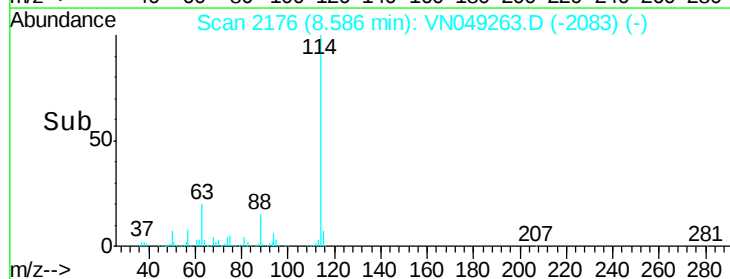
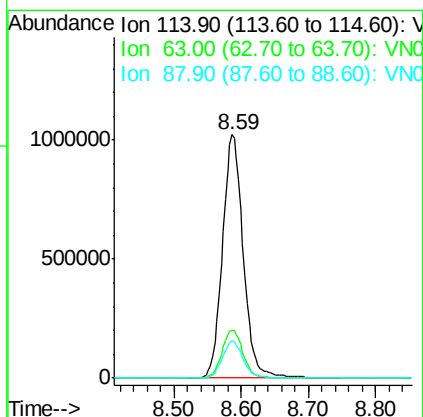
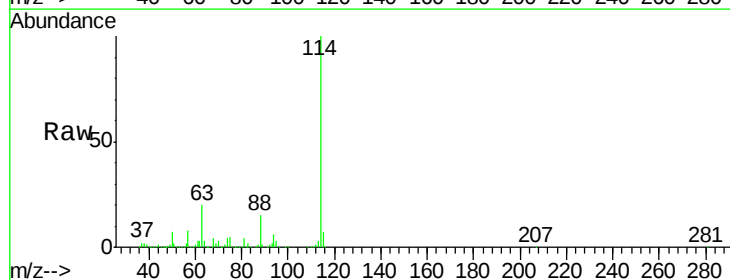
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

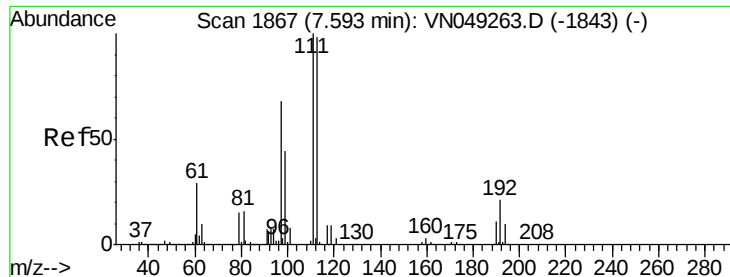
Tgt Ion: 65 Resp: 976820
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049263.D
 Acq: 15 Jun 2018 15:18

Tgt Ion: 114 Resp: 2206810
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 44.4
 88 15.2 0.0 31.4

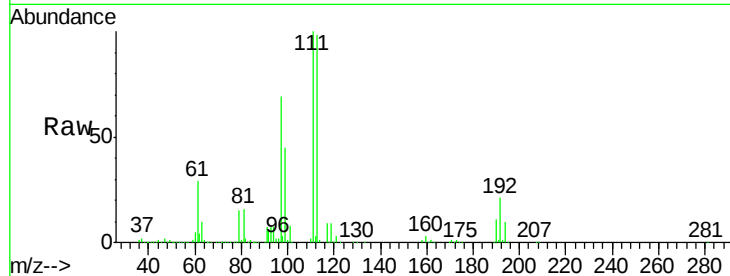




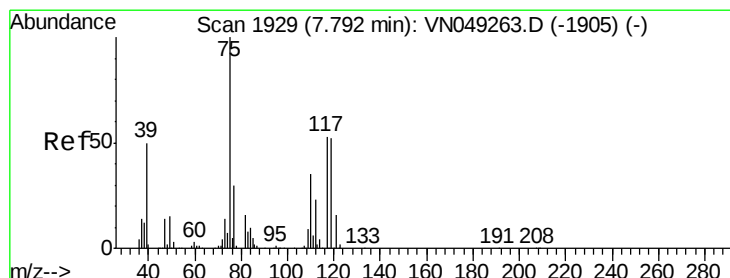
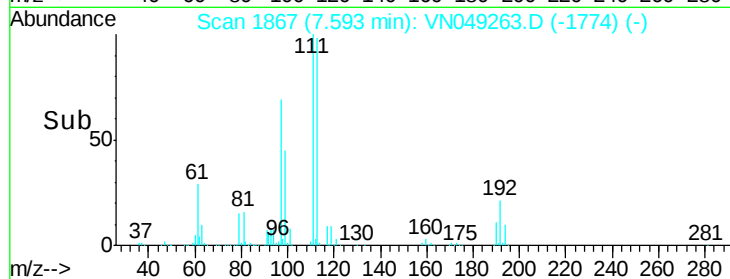
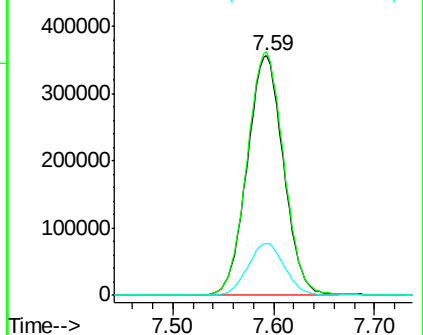
#35
 Dibromofluoromethane
 Concen: 48.655 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049263.D
 Acq: 15 Jun 2018 15:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 113 Resp: 888705
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.4 123.6
 192 22.1 15.0 22.6

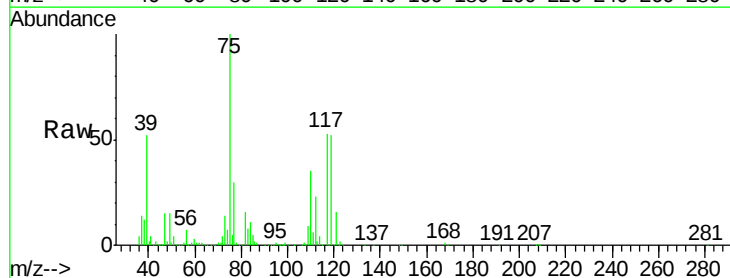


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

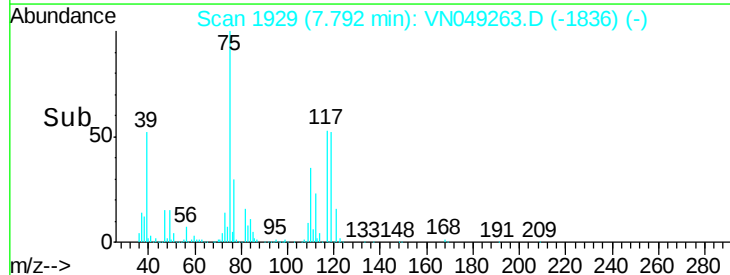
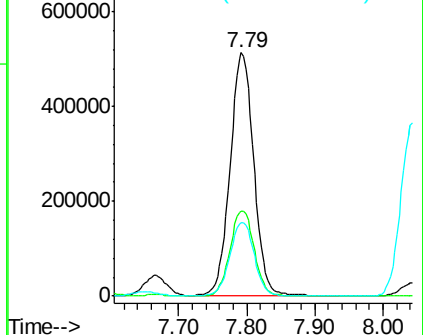


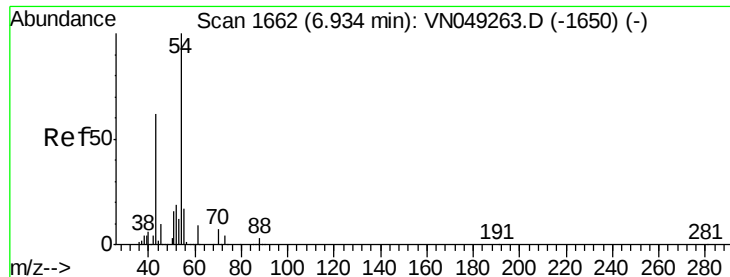
#36
 1,1-Dichloropropene
 Concen: 44.951 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: VN049263.D
 Acq: 15 Jun 2018 15:18

Tgt Ion: 75 Resp: 1239372
 Ion Ratio Lower Upper
 75 100
 110 35.9 17.0 50.9
 77 31.2 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

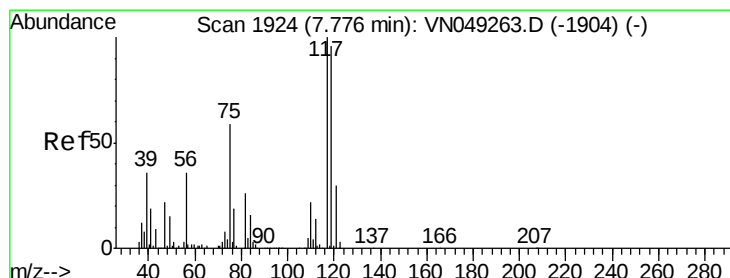
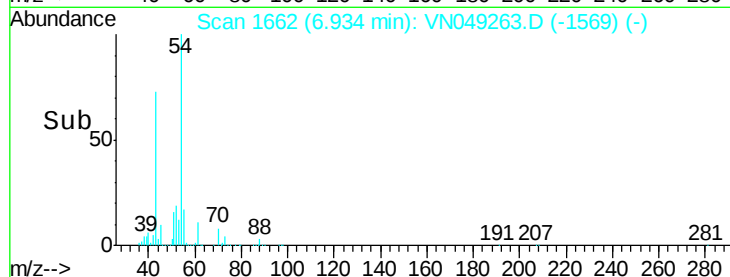
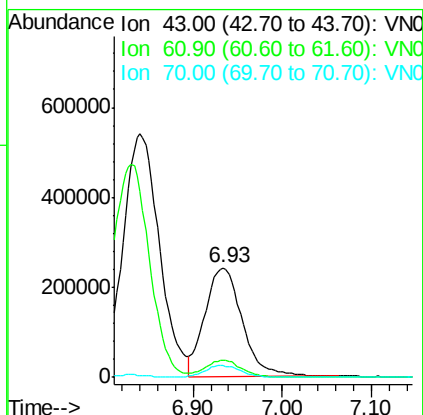
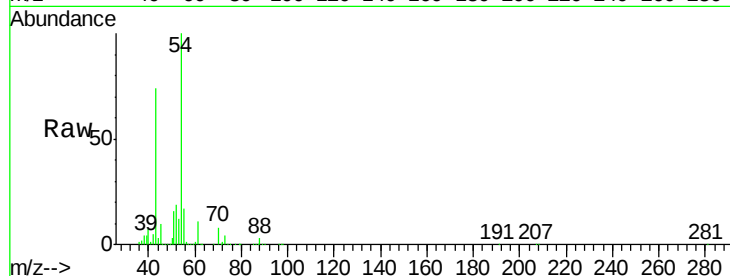




#37
Ethyl Acetate
Concen: 40.262 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN049263.D
Acq: 15 Jun 2018 15:18

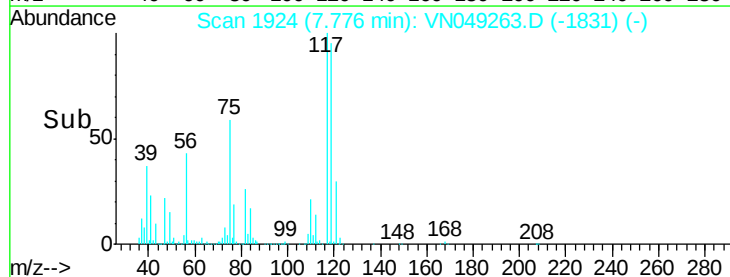
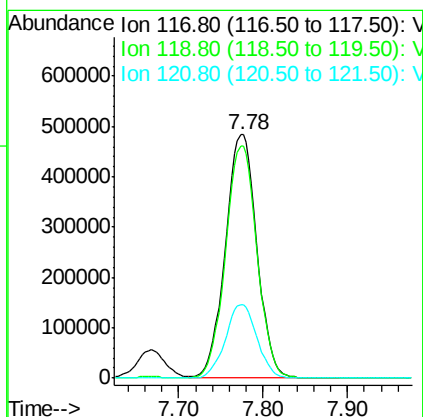
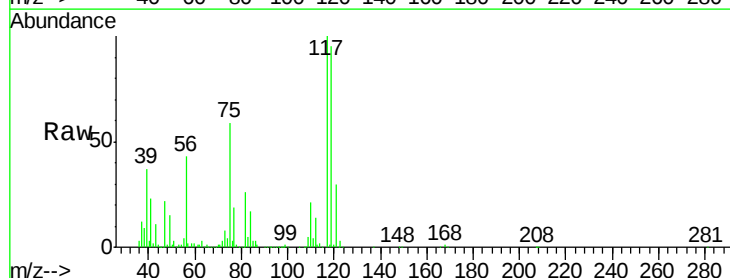
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

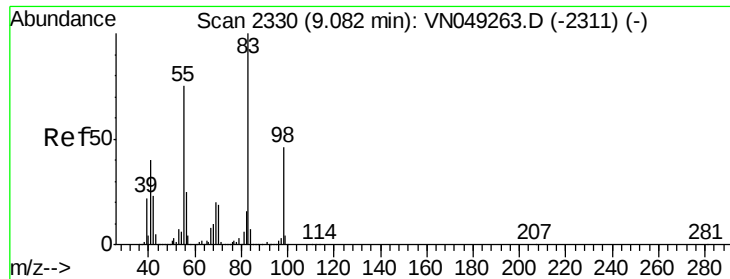
Tgt Ion: 43 Resp: 700782
Ion Ratio Lower Upper
43 100
61 14.9 11.0 16.4
70 10.7 7.2 10.8



#38
Carbon Tetrachloride
Concen: 45.149 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VN049263.D
Acq: 15 Jun 2018 15:18

Tgt Ion: 117 Resp: 1254097
Ion Ratio Lower Upper
117 100
119 95.5 75.6 113.4
121 30.3 24.7 37.1

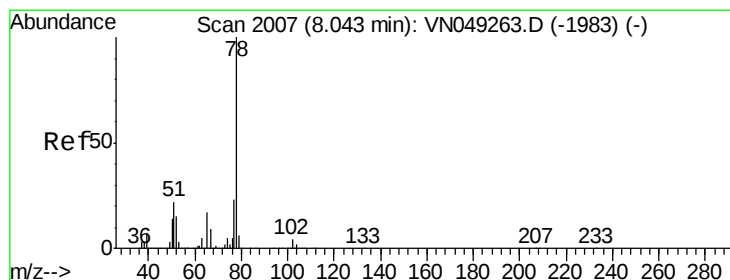
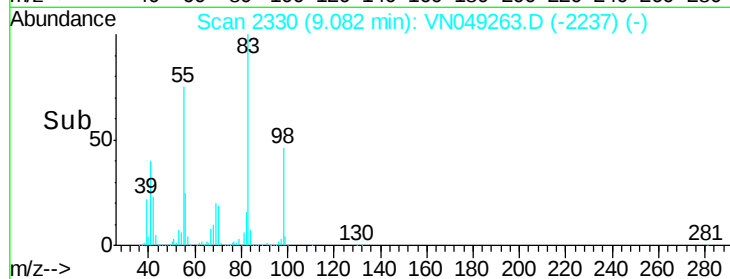
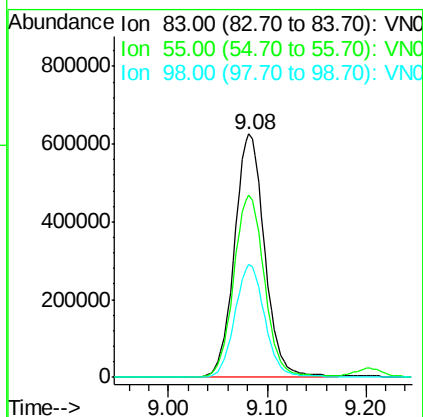
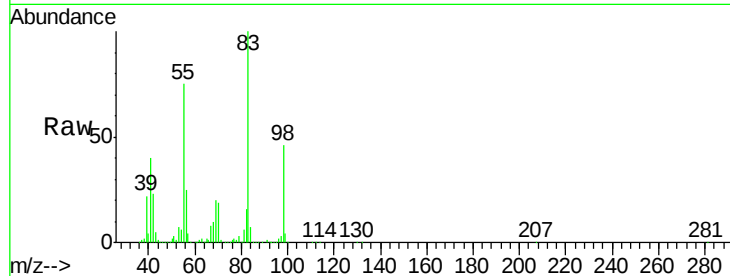




#39
Methylcyclohexane
Concen: 46.783 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049263.D
Acq: 15 Jun 2018 15:18

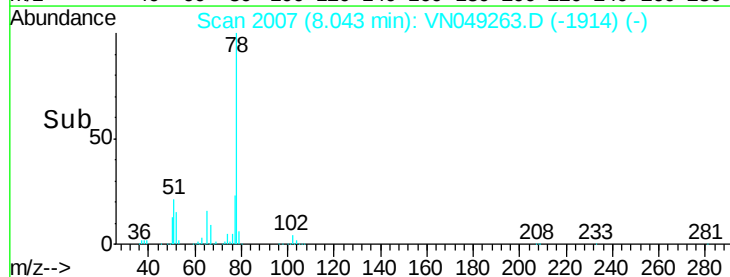
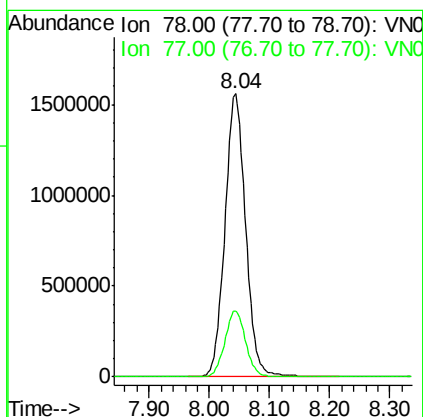
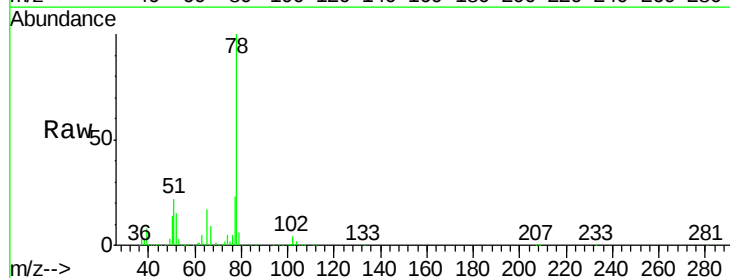
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

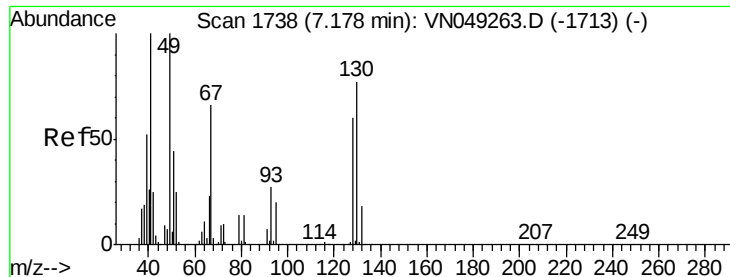
Tgt Ion: 83 Resp: 1332465
Ion Ratio Lower Upper
83 100
55 74.6 65.1 97.7
98 46.4 36.5 54.7



#40
Benzene
Concen: 44.504 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN049263.D
Acq: 15 Jun 2018 15:18

Tgt Ion: 78 Resp: 3717688
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.0

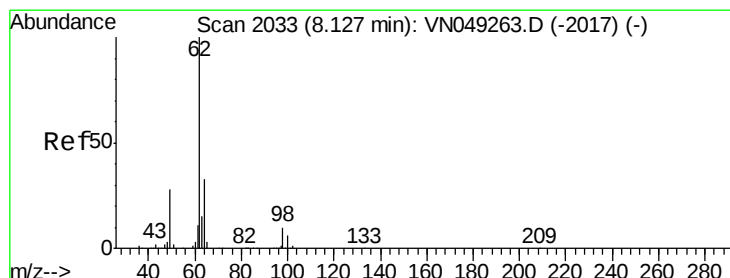
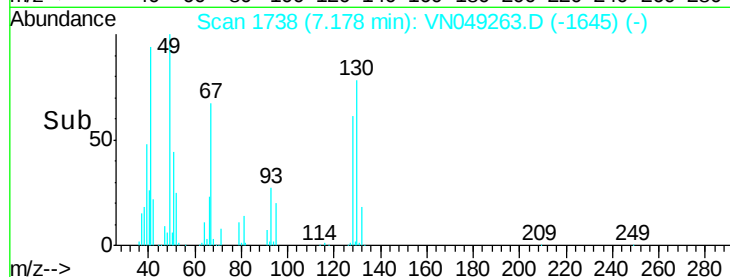
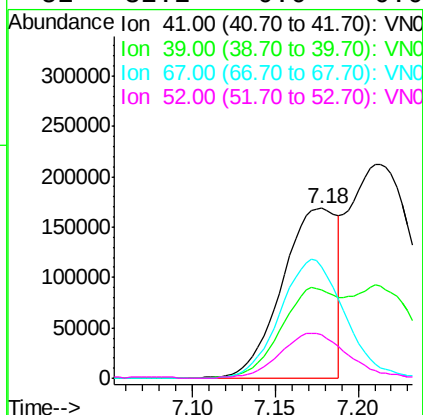
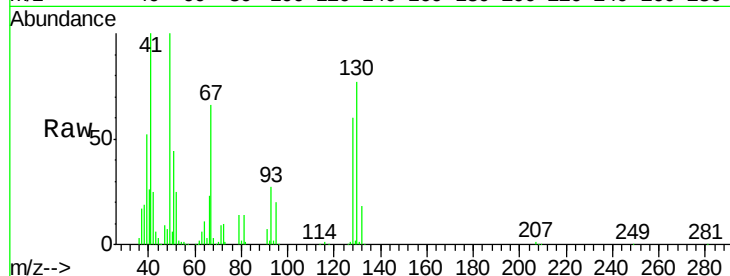




#41
Methacrylonitrile
Concen: 39.189 ug/l
RT: 7.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN049263.D
Acq: 15 Jun 2018 15:18

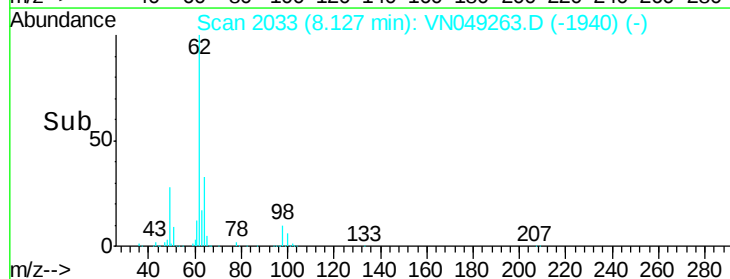
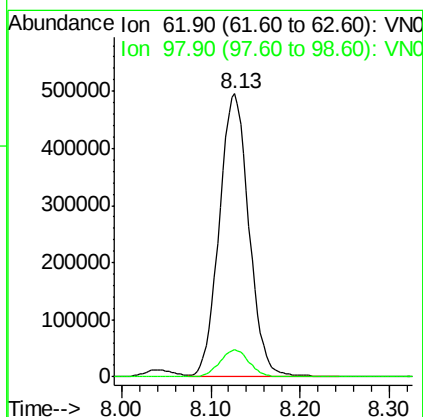
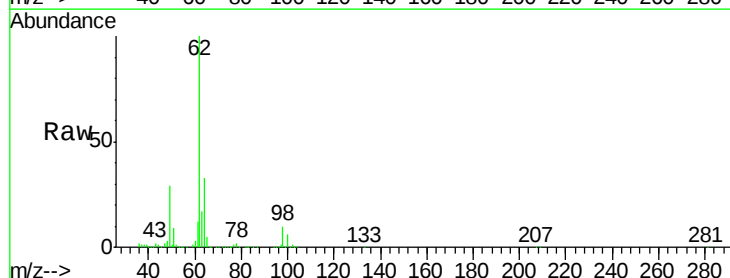
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

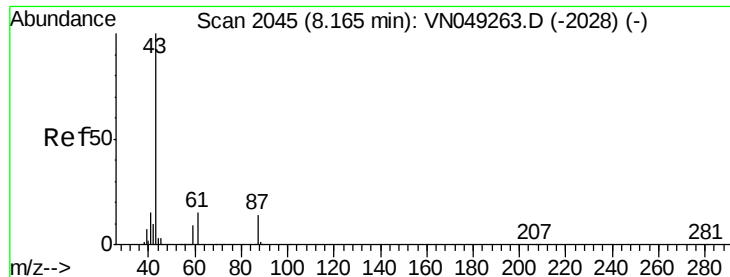
Tgt Ion:	41	Resp:	385892
Ion	Ratio	Lower	Upper
41	100		
39	56.8	0.0	0.0#
67	83.6	0.0	0.0#
52	32.2	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 41.257 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049263.D
Acq: 15 Jun 2018 15:18

Tgt Ion:	62	Resp:	1137388
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	16.2





#43

Isopropyl Acetate

Concen: 39.331 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN049263.D

Acq: 15 Jun 2018 15:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

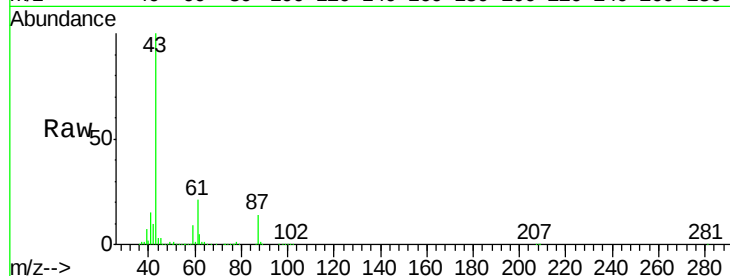
Tgt Ion: 43 Resp: 1258692

Ion Ratio Lower Upper

43 100

61 20.2 14.2 21.4

87 13.5 9.4 14.0

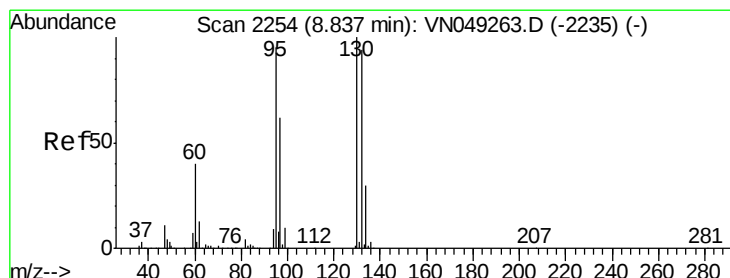
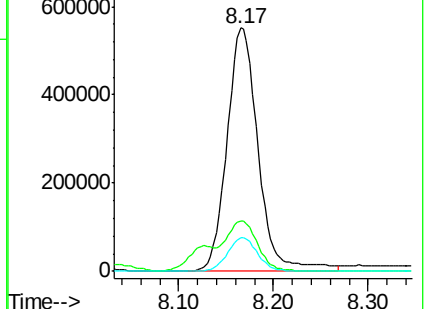
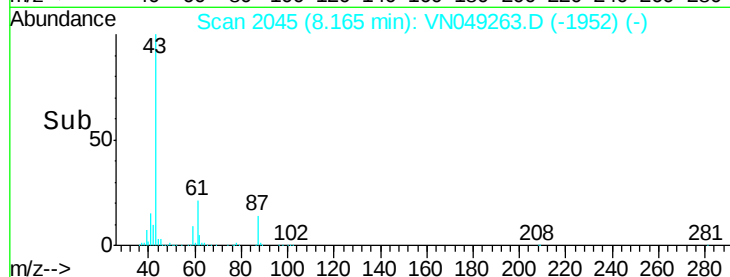


Abundance Ion 43.00 (42.70 to 43.70): VN049263.D (-2028) (-)

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

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

Time-->



#44

Trichloroethene

Concen: 47.458 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049263.D

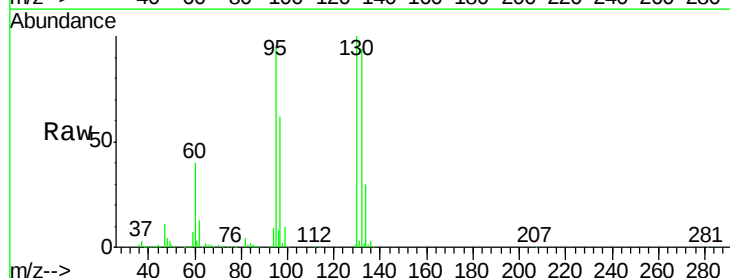
Acq: 15 Jun 2018 15:18

Tgt Ion: 130 Resp: 989922

Ion Ratio Lower Upper

130 100

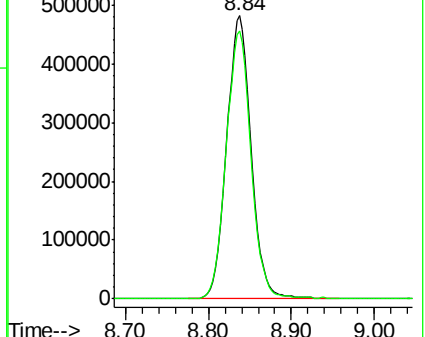
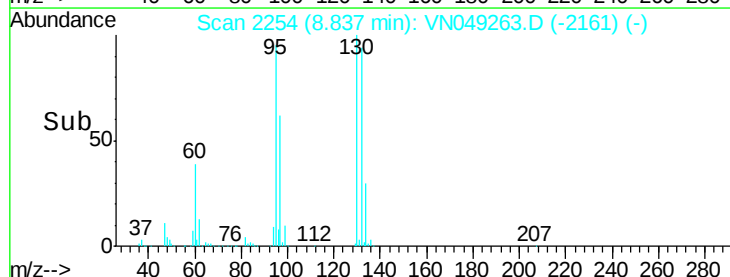
95 94.6 0.0 208.6

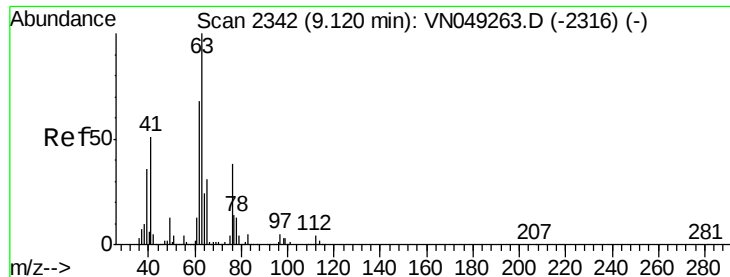


Abundance Ion 129.80 (129.50 to 130.50): VN049263.D (-2235) (-)

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

Time-->

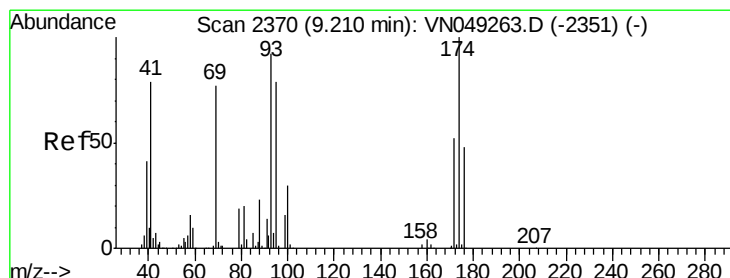
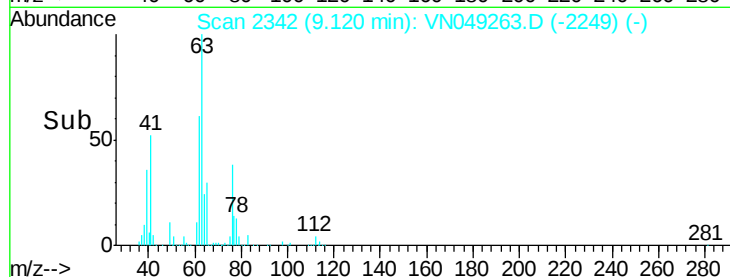
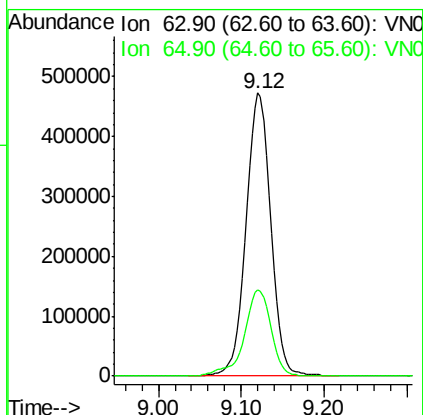
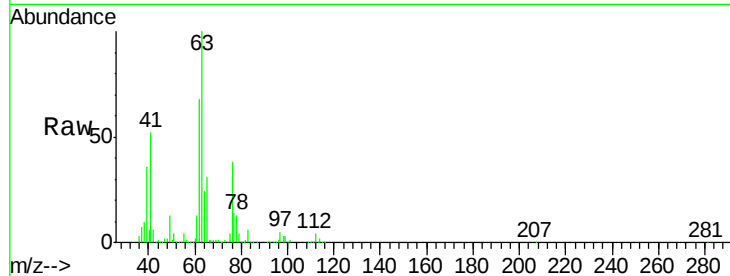




#45
 1,2-Dichloropropane
 Concen: 42.488 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN049263.D
 Acq: 15 Jun 2018 15:18

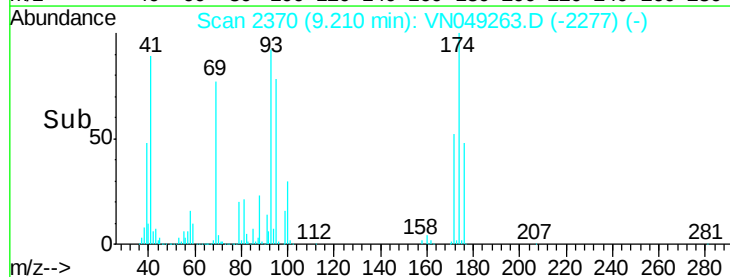
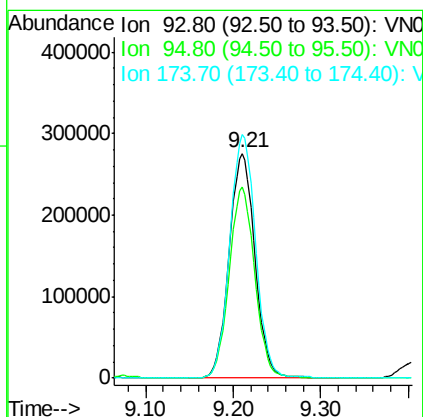
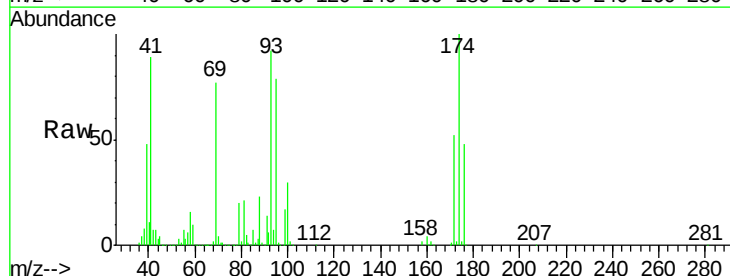
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

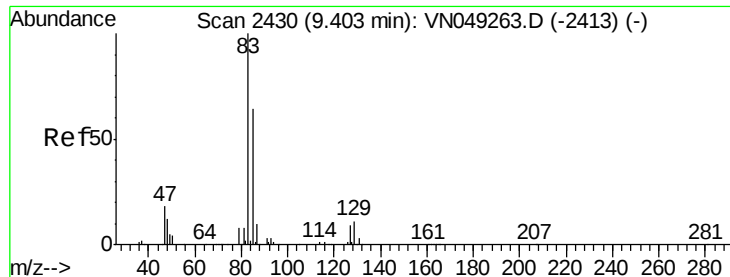
Tgt Ion: 63 Resp: 976214
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.8 37.2



#46
 Dibromomethane
 Concen: 44.535 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: VN049263.D
 Acq: 15 Jun 2018 15:18

Tgt Ion: 93 Resp: 565314
 Ion Ratio Lower Upper
 93 100
 95 84.0 67.2 100.8
 174 108.7 75.6 113.4





#47

Bromodichloromethane

Concen: 43.555 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049263.D

Acq: 15 Jun 2018 15:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

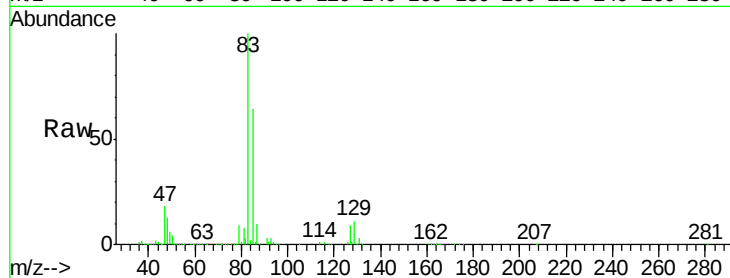
Tgt Ion: 83 Resp: 1245266

Ion Ratio Lower Upper

83 100

85 63.6 49.4 74.0

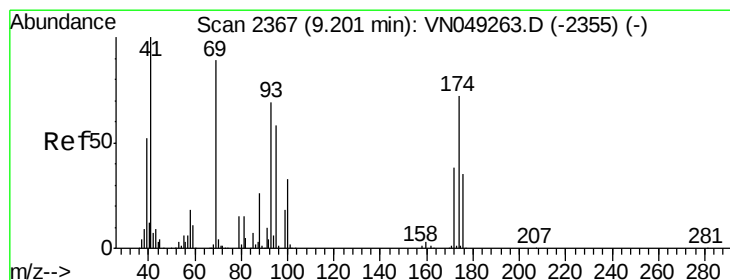
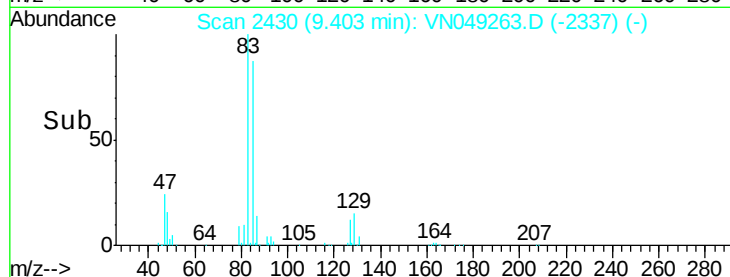
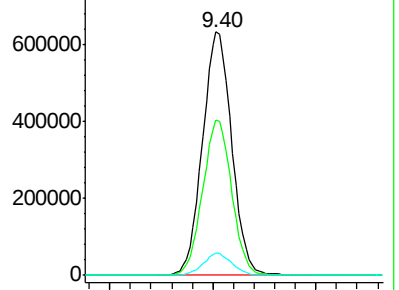
127 8.9 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN049263.D (-2413) (-)

Ion 84.90 (84.60 to 85.60): VN049263.D (-2413) (-)

Ion 126.80 (126.50 to 127.50): VN049263.D (-2413) (-)



#48

Methyl methacrylate

Concen: 40.619 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN049263.D

Acq: 15 Jun 2018 15:18

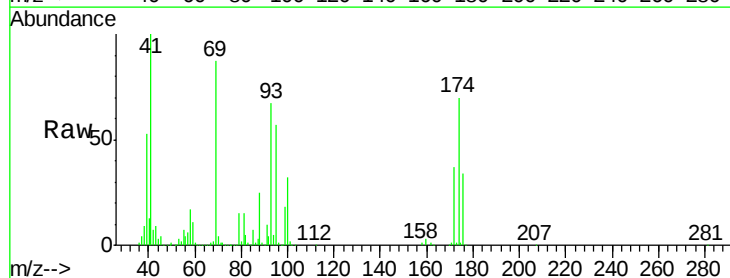
Tgt Ion: 41 Resp: 635166

Ion Ratio Lower Upper

41 100

69 89.0 62.0 93.0

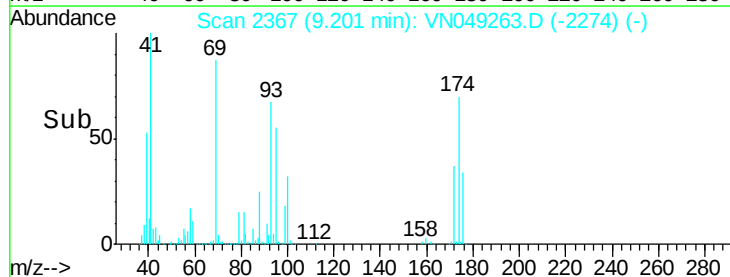
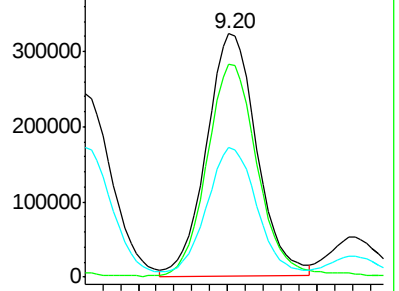
39 53.9 50.6 75.8

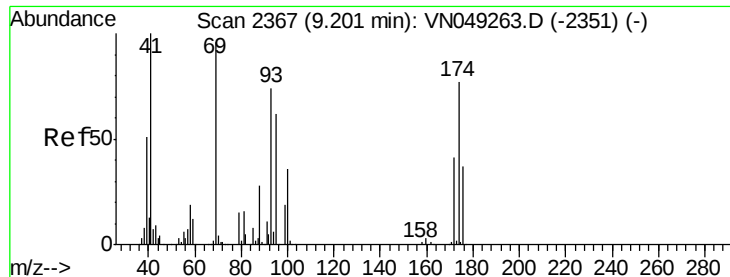


Abundance Ion 41.00 (40.70 to 41.70): VN049263.D (-2355) (-)

Ion 69.00 (68.70 to 69.70): VN049263.D (-2355) (-)

Ion 39.00 (38.70 to 39.70): VN049263.D (-2355) (-)

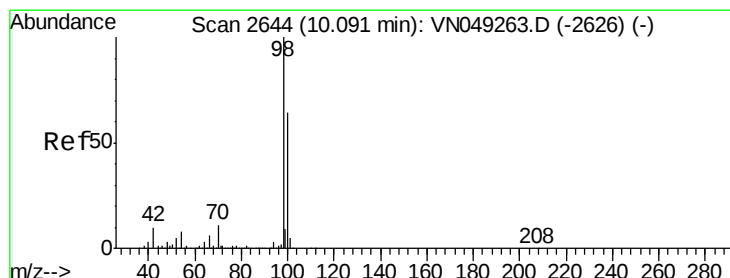
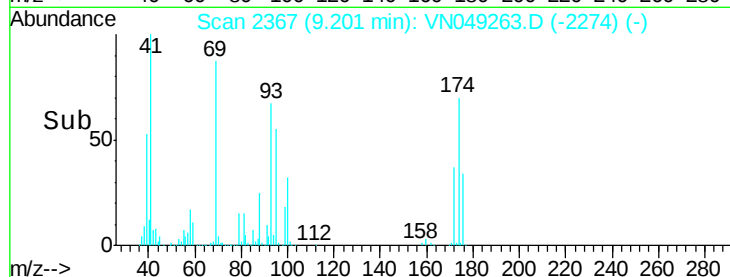
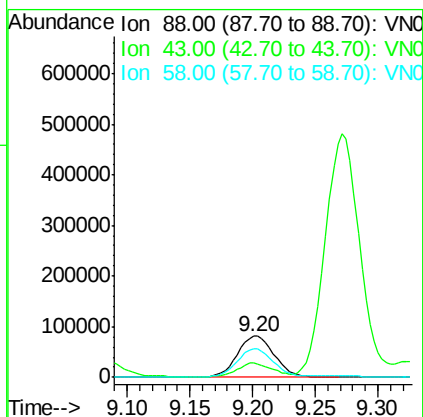
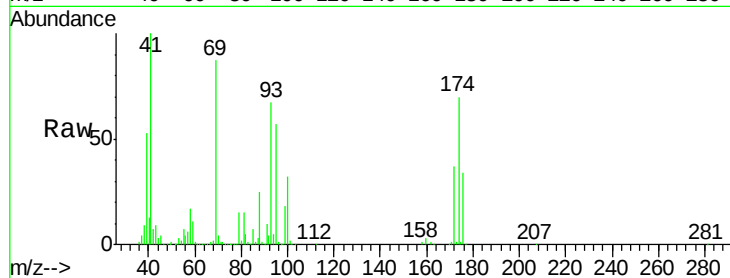




#49
1,4-Dioxane
Concen: 913.461 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN049263.D
Acq: 15 Jun 2018 15:18

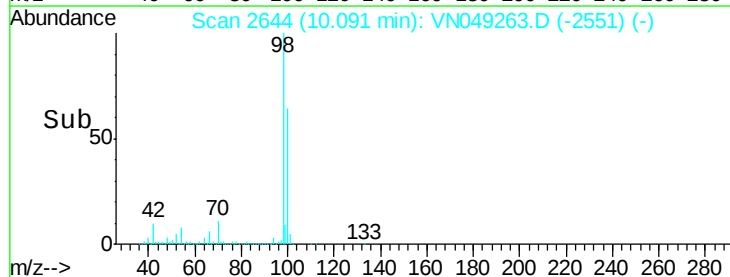
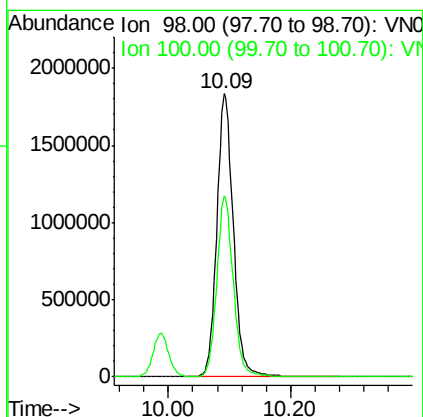
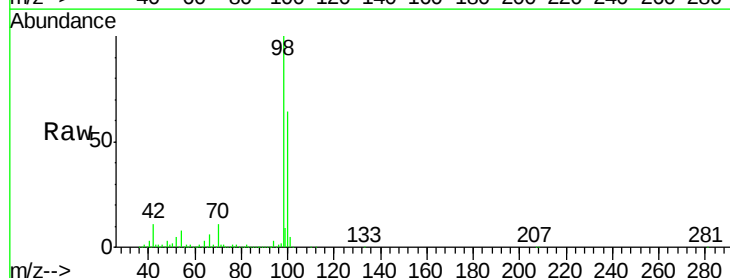
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

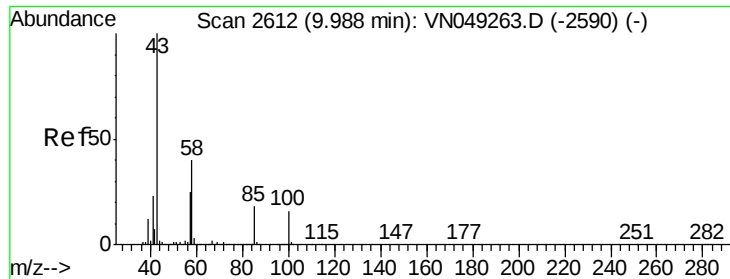
Tgt Ion: 88 Resp: 168681
Ion Ratio Lower Upper
88 100
43 31.6 30.9 46.3
58 68.8 58.9 88.3



#50
Toluene-d8
Concen: 48.361 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049263.D
Acq: 15 Jun 2018 15:18

Tgt Ion: 98 Resp: 3436293
Ion Ratio Lower Upper
98 100
100 63.5 49.8 74.8

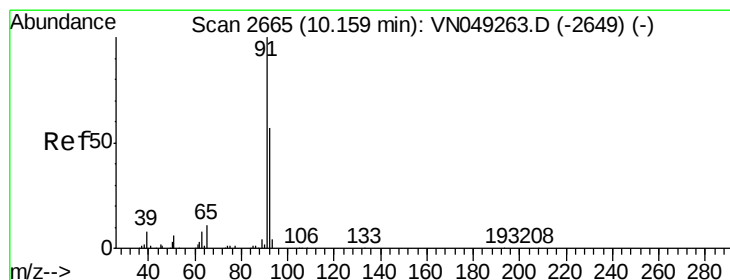
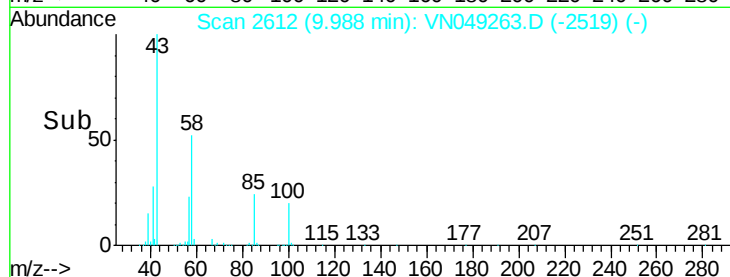
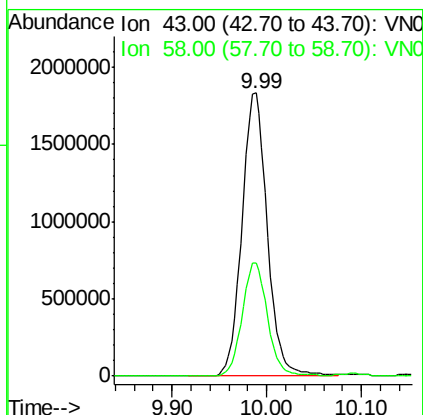
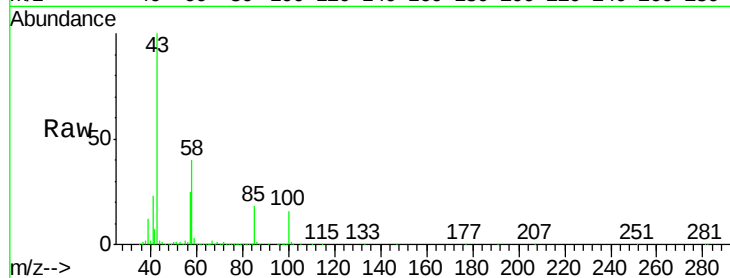




#51
 4-Methyl-2-Pentanone
 Concen: 199.776 ug/l
 RT: 9.99 min Scan# 2612
 Delta R.T. 0.00 min
 Lab File: VN049263.D
 Acq: 15 Jun 2018 15:18

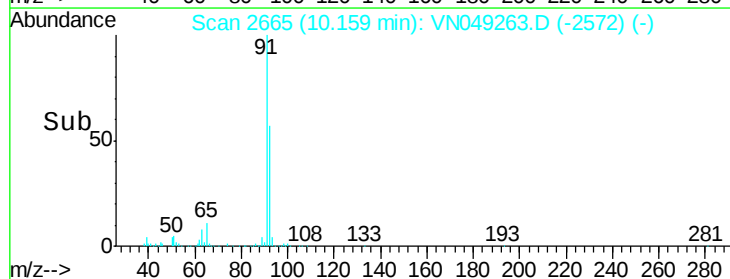
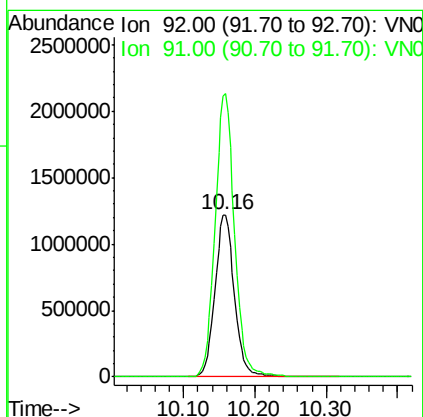
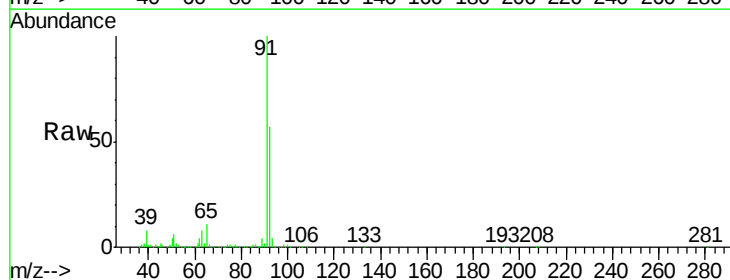
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

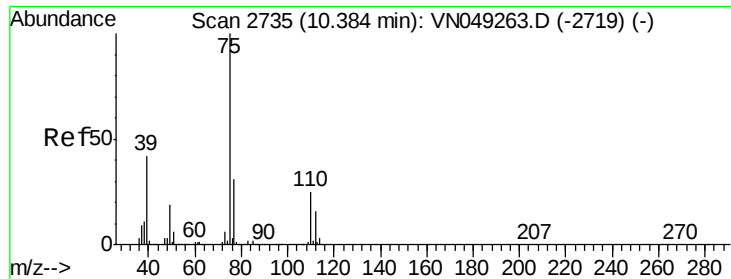
Tgt Ion: 43 Resp: 3404830
 Ion Ratio Lower Upper
 43 100
 58 40.2 29.0 43.6



#52
 Toluene
 Concen: 47.182 ug/l
 RT: 10.16 min Scan# 2665
 Delta R.T. 0.00 min
 Lab File: VN049263.D
 Acq: 15 Jun 2018 15:18

Tgt Ion: 92 Resp: 2293148
 Ion Ratio Lower Upper
 92 100
 91 175.3 143.4 215.2





#53

t-1,3-Dichloropropene

Concen: 45.154 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049263.D

Acq: 15 Jun 2018 15:18

Instrument :

MSVOA_N

ClientSampleId :

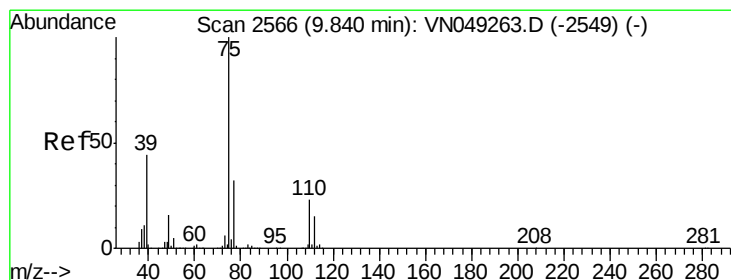
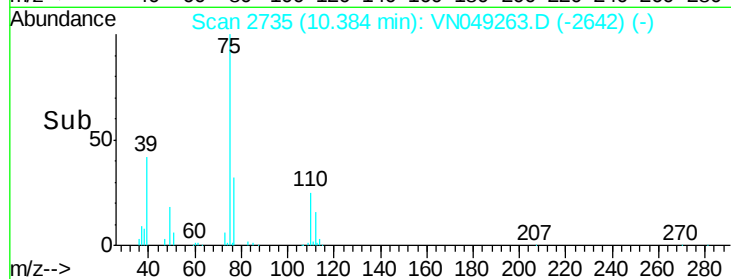
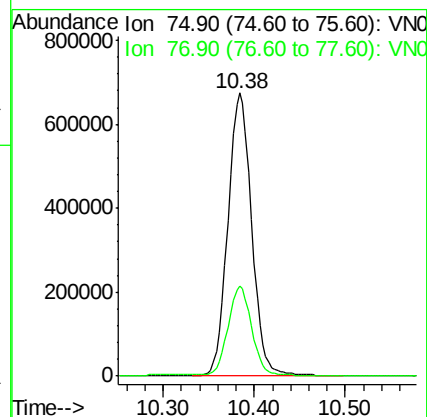
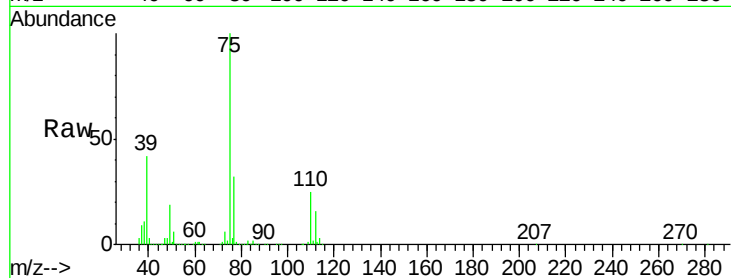
VSTDICCC050

Tgt Ion: 75 Resp: 1227386

Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 46.042 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049263.D

Acq: 15 Jun 2018 15:18

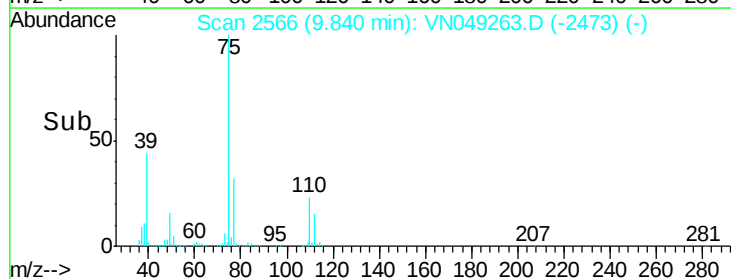
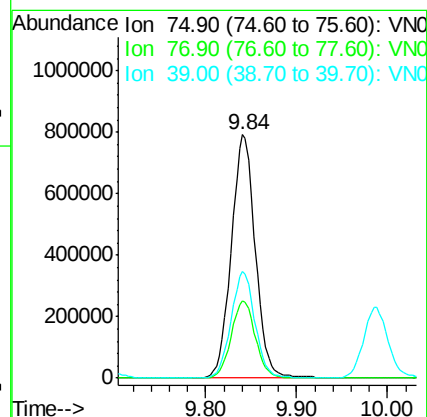
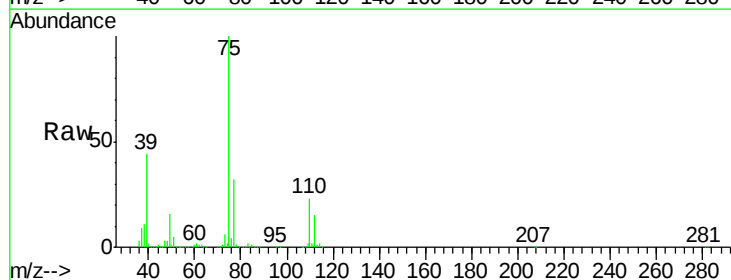
Tgt Ion: 75 Resp: 1450312

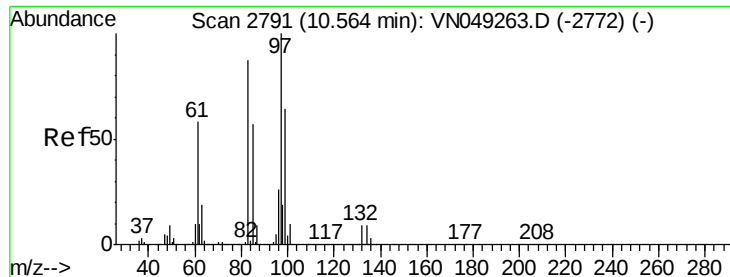
Ion Ratio Lower Upper

75 100

77 31.9 24.8 37.2

39 43.8 45.1 67.7#

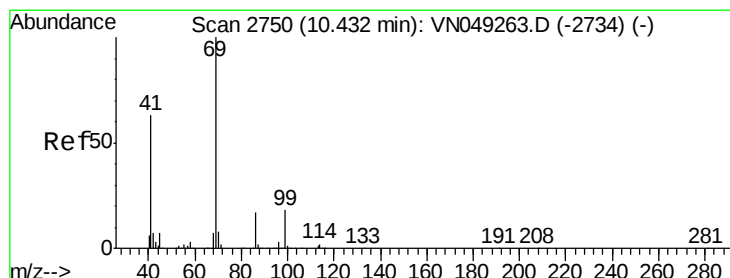
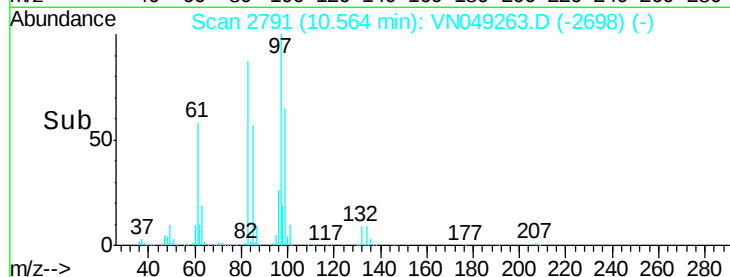
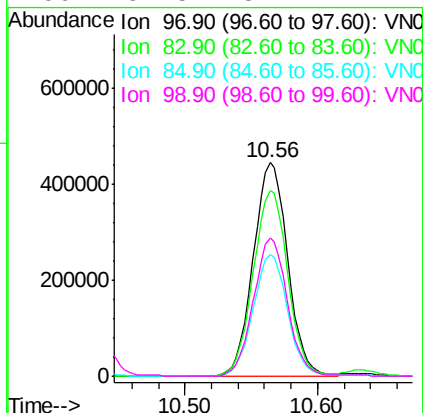
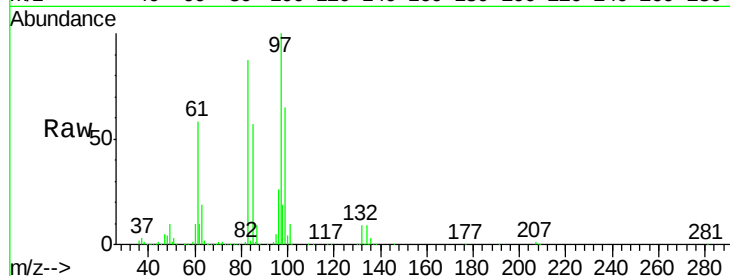




#55
 1,1,2-Trichloroethane
 Concen: 45.173 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049263.D
 Acq: 15 Jun 2018 15:18

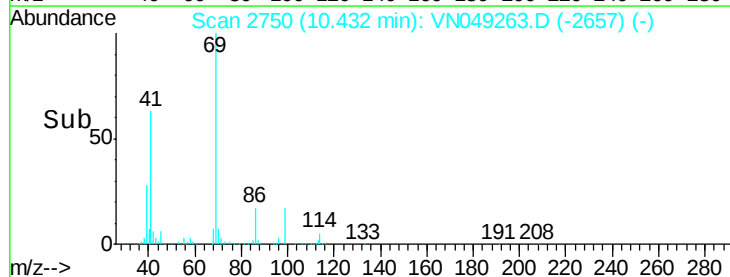
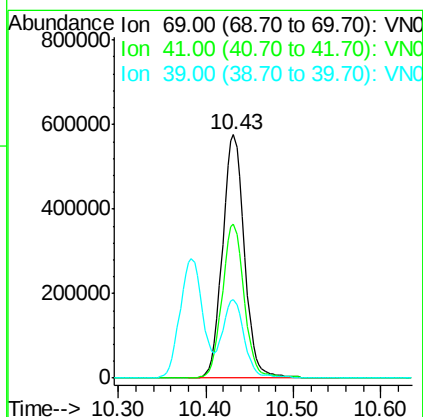
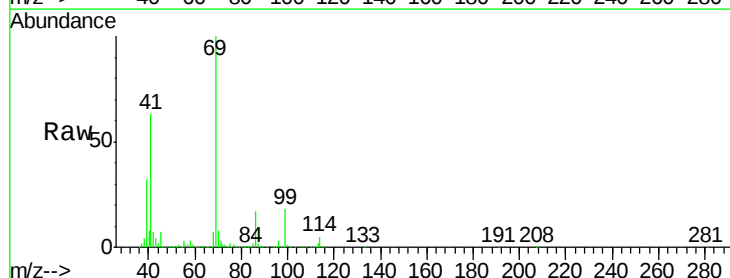
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 97 Resp: 805743
 Ion Ratio Lower Upper
 97 100
 83 86.7 71.5 107.3
 85 56.9 47.0 70.4
 99 64.5 51.4 77.2



#56
 Ethyl methacrylate
 Concen: 46.614 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049263.D
 Acq: 15 Jun 2018 15:18

Tgt Ion: 69 Resp: 1002322
 Ion Ratio Lower Upper
 69 100
 41 62.6 58.4 87.6
 39 31.8 35.5 53.3#

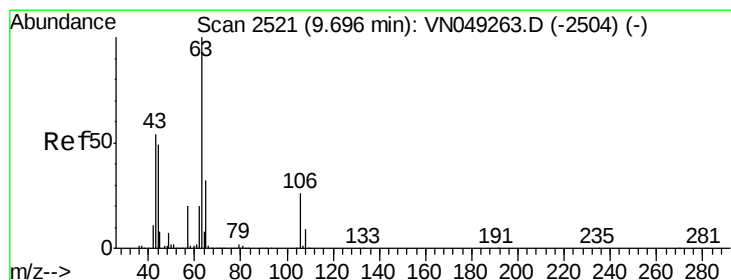
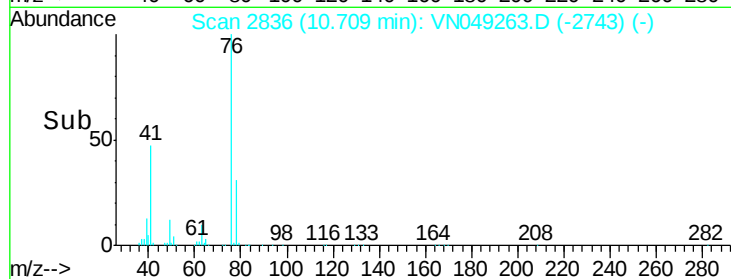
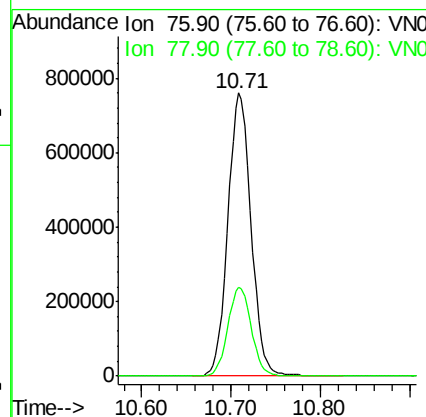
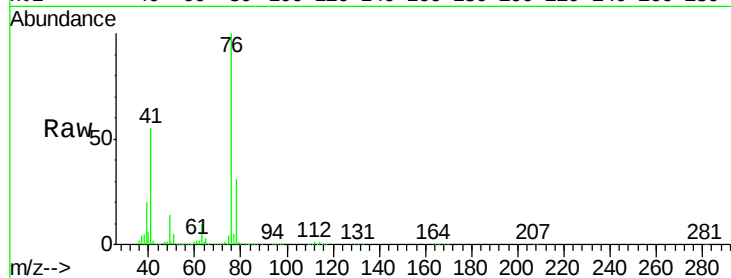




#57
 1,3-Dichloropropane
 Concen: 44.630 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. 0.00 min
 Lab File: VN049263.D
 Acq: 15 Jun 2018 15:18

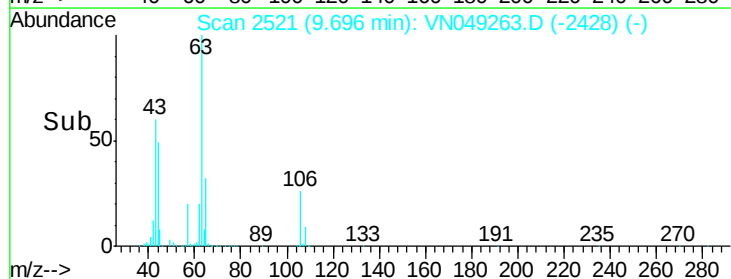
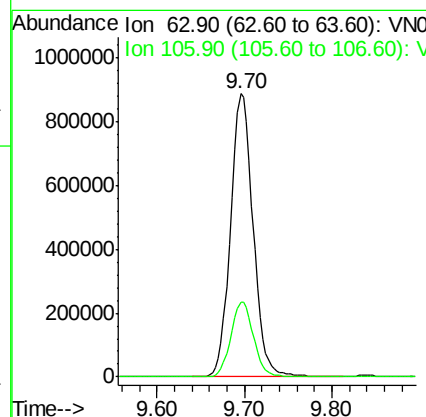
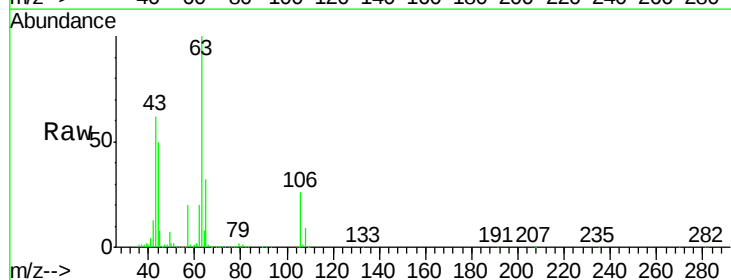
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

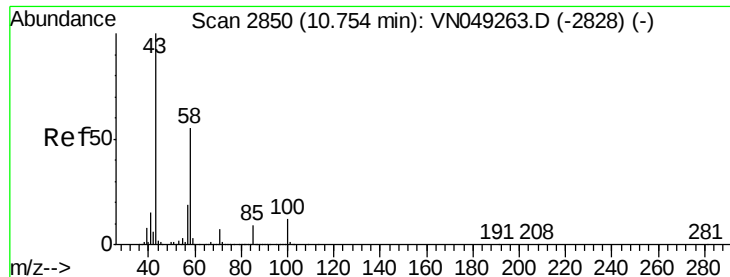
Tgt Ion: 76 Resp: 1365107
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 229.076 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN049263.D
 Acq: 15 Jun 2018 15:18

Tgt Ion: 63 Resp: 1595911
 Ion Ratio Lower Upper
 63 100
 106 26.6 19.4 29.2

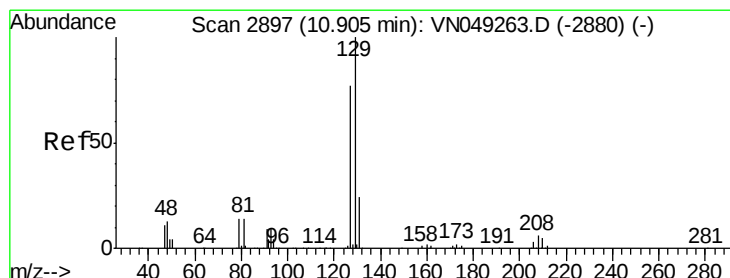
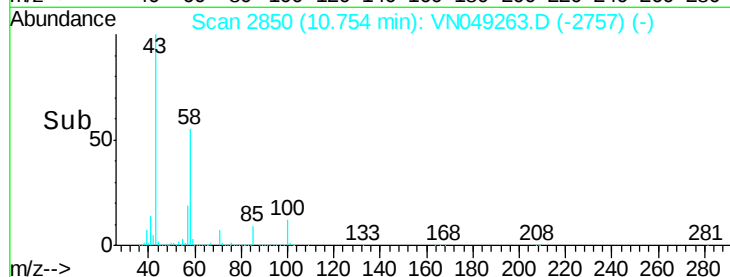
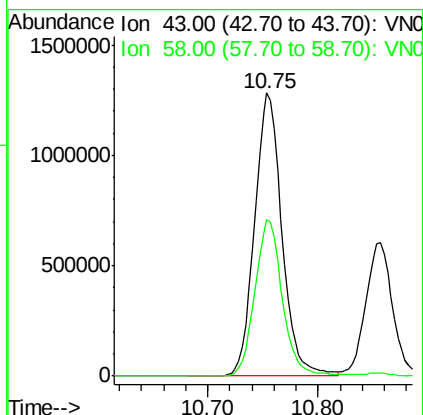
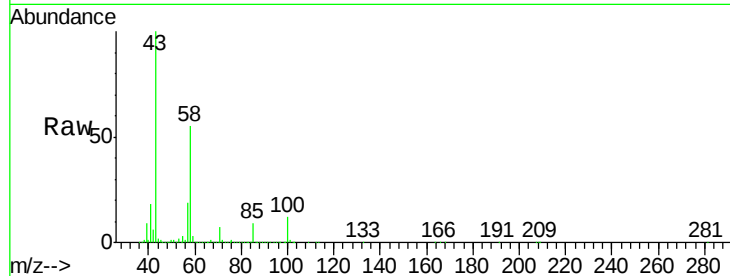




#59
2-Hexanone
Concen: 207.521 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049263.D
Acq: 15 Jun 2018 15:18

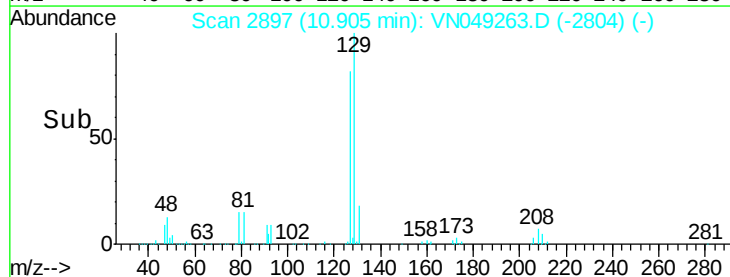
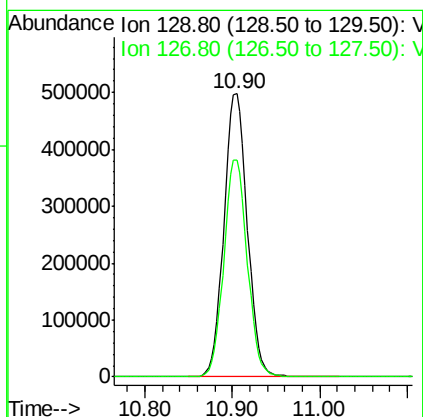
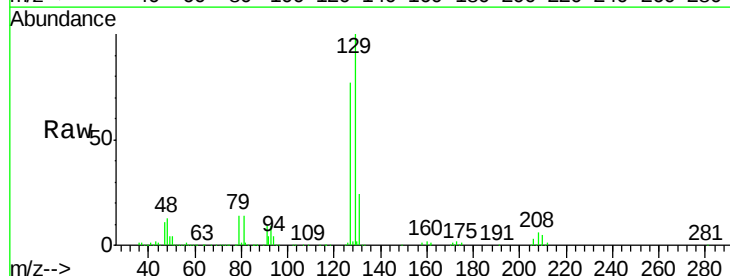
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

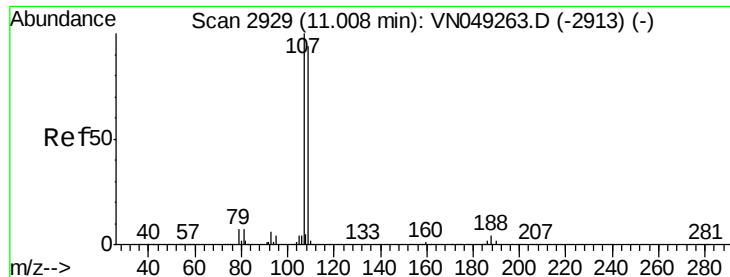
Tgt Ion: 43 Resp: 2203831
Ion Ratio Lower Upper
43 100
58 55.5 25.2 75.6



#60
Dibromochloromethane
Concen: 46.805 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN049263.D
Acq: 15 Jun 2018 15:18

Tgt Ion: 129 Resp: 925831
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.2

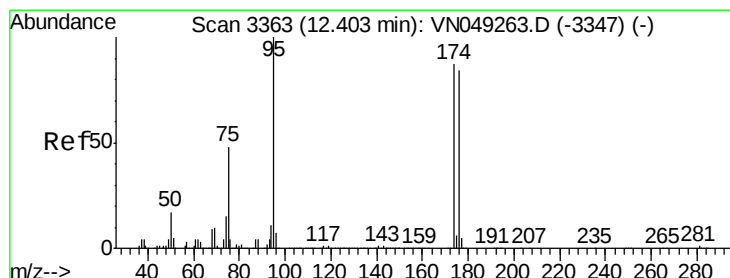
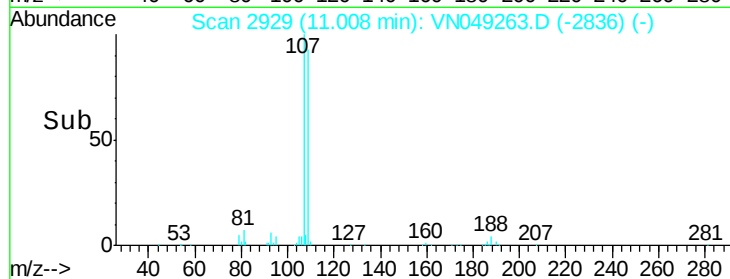
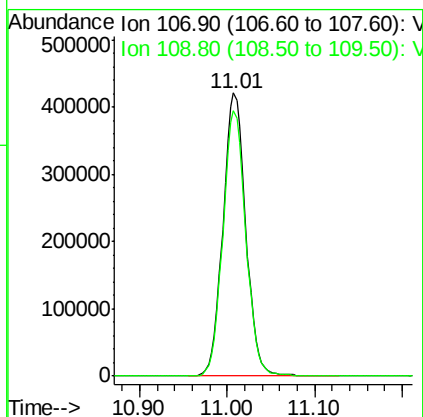
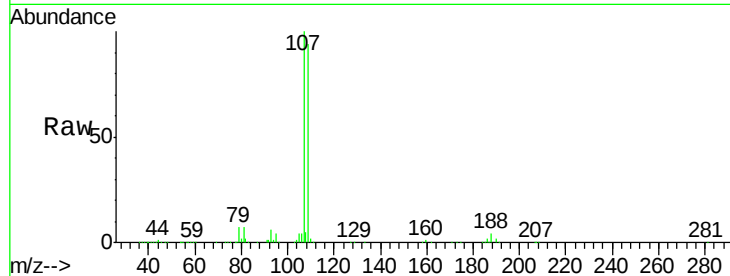




#61
 1,2-Dibromoethane
 Concen: 46.131 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN049263.D
 Acq: 15 Jun 2018 15:18

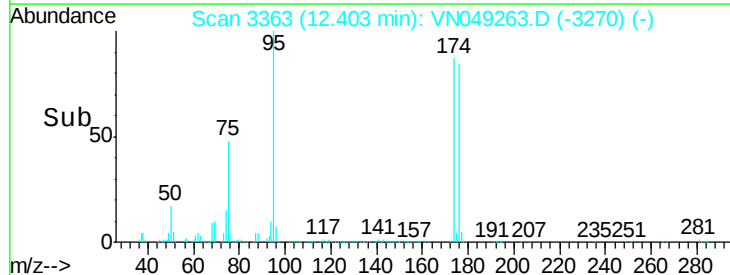
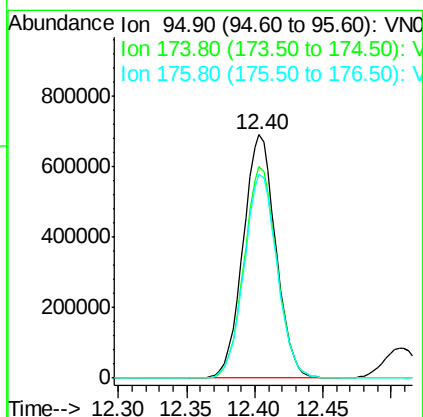
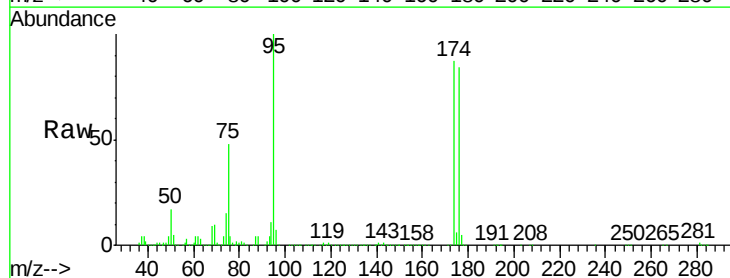
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

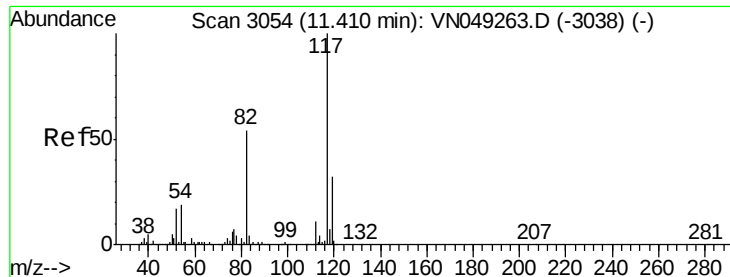
Tgt Ion: 107 Resp: 760998
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 48.682 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049263.D
 Acq: 15 Jun 2018 15:18

Tgt Ion: 95 Resp: 1148045
 Ion Ratio Lower Upper
 95 100
 174 87.3 0.0 165.6
 176 84.4 0.0 157.4

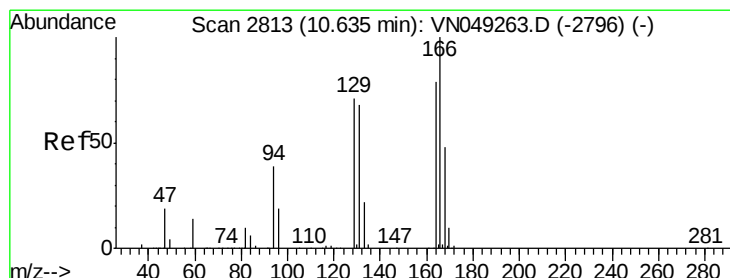
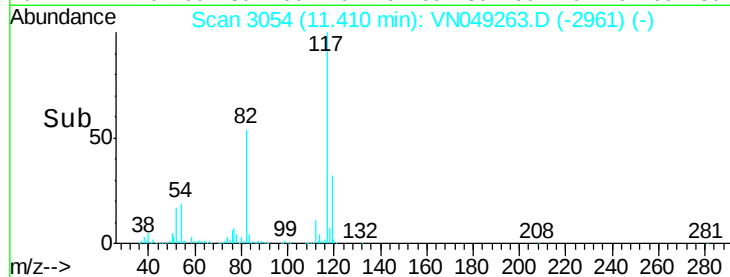
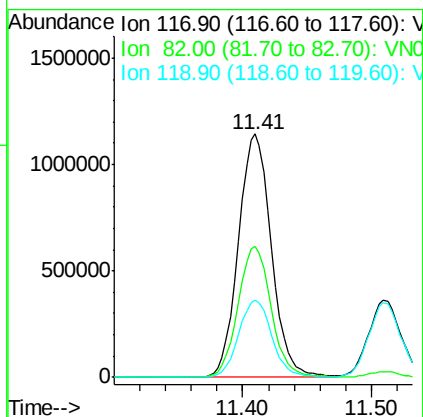
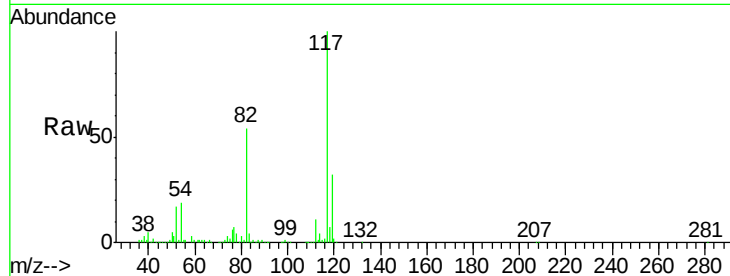




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049263.D
Acq: 15 Jun 2018 15:18

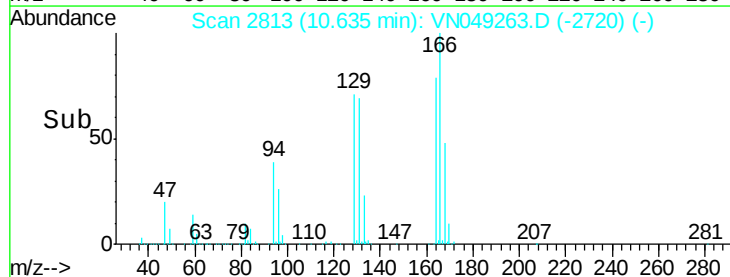
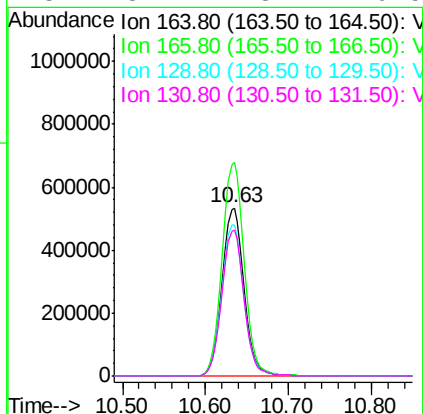
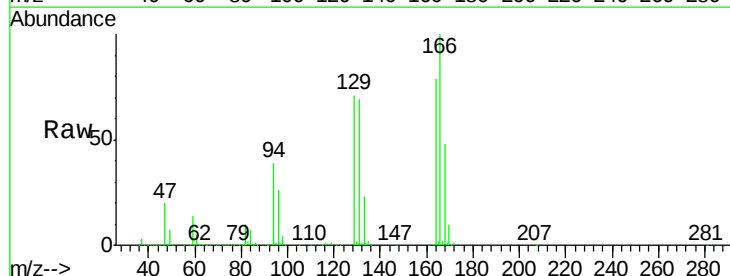
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tgt Ion:117 Resp: 2037613
Ion Ratio Lower Upper
117 100
82 53.9 45.9 68.9
119 31.5 25.5 38.3



#64
Tetrachloroethene
Concen: 47.674 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN049263.D
Acq: 15 Jun 2018 15:18

Tgt Ion:164 Resp: 973279
Ion Ratio Lower Upper
164 100
166 127.3 101.4 152.2
129 90.4 74.1 111.1
131 87.2 73.7 110.5

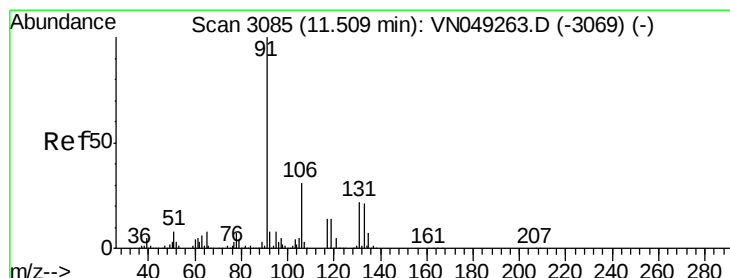
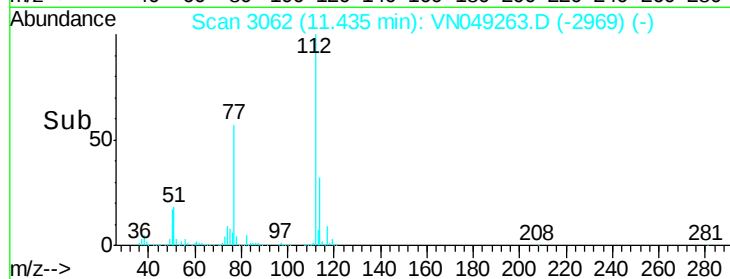
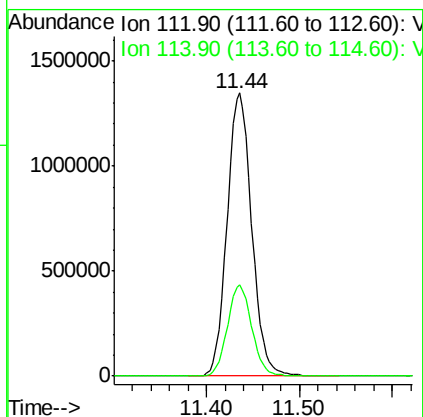
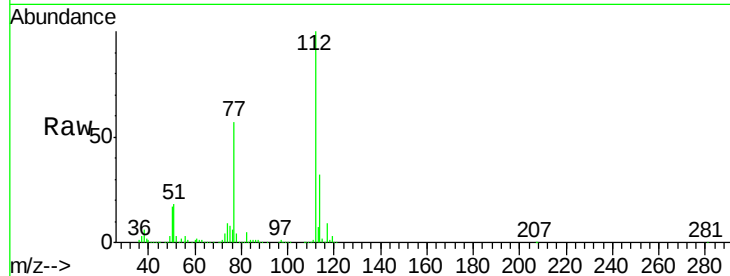




#65
Chlorobenzene
Concen: 47.121 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049263.D
Acq: 15 Jun 2018 15:18

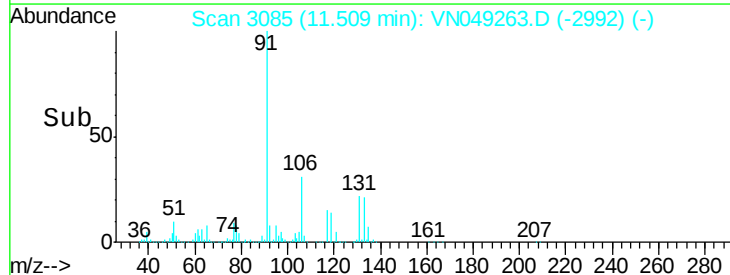
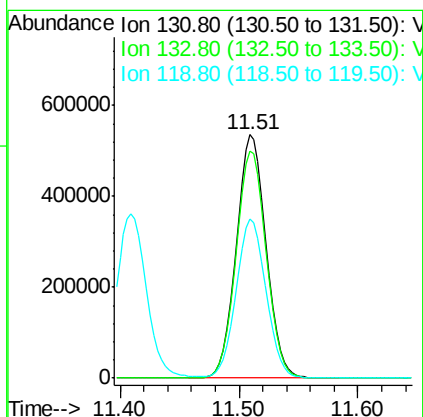
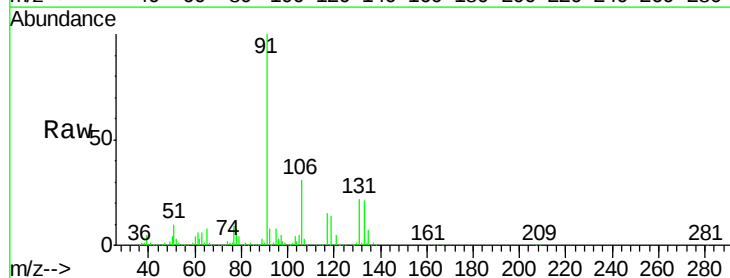
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

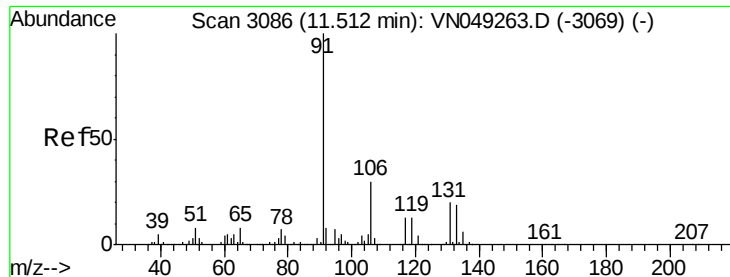
Tgt Ion:112 Resp: 2476888
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 46.326 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VN049263.D
Acq: 15 Jun 2018 15:18

Tgt Ion:131 Resp: 926259
Ion Ratio Lower Upper
131 100
133 94.7 48.0 144.2
119 65.9 33.6 100.8

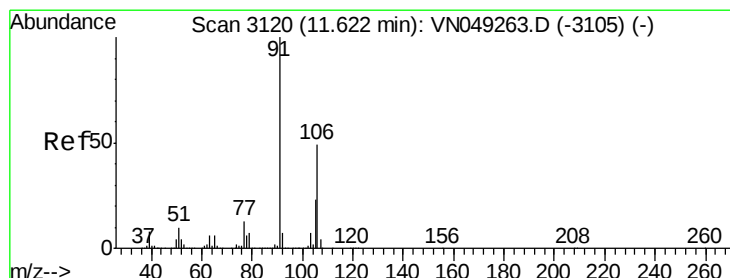
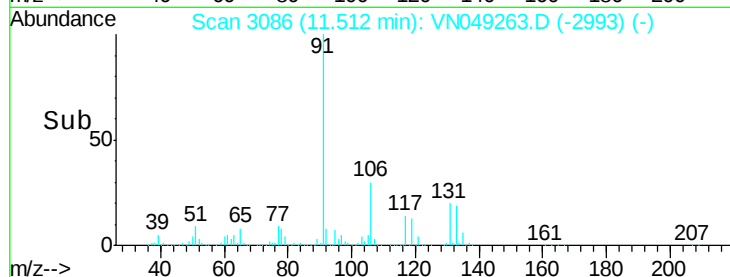
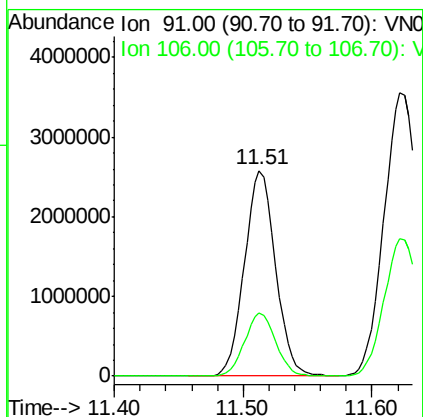
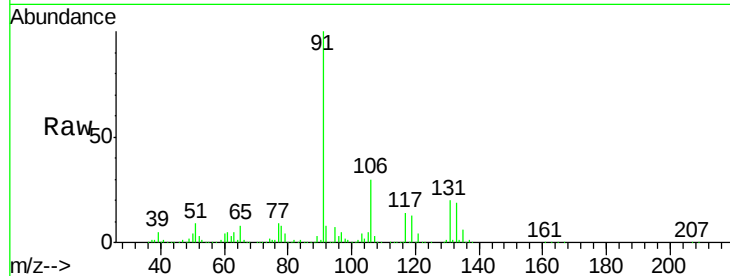




#67
Ethyl Benzene
Concen: 47.828 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049263.D
Acq: 15 Jun 2018 15:18

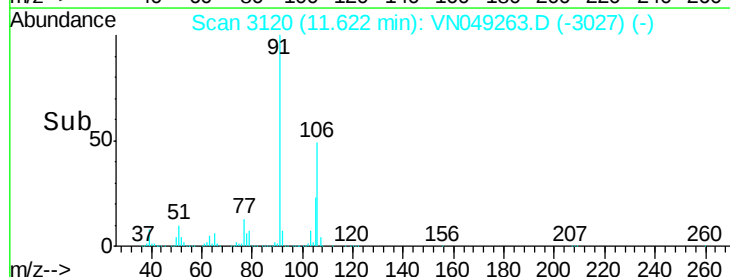
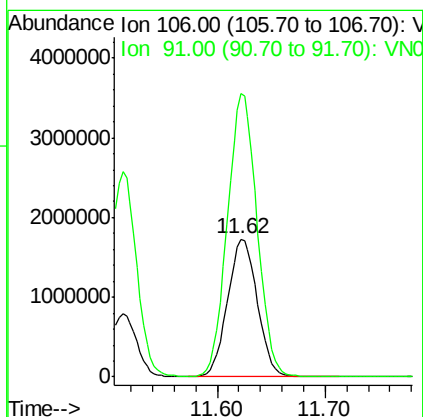
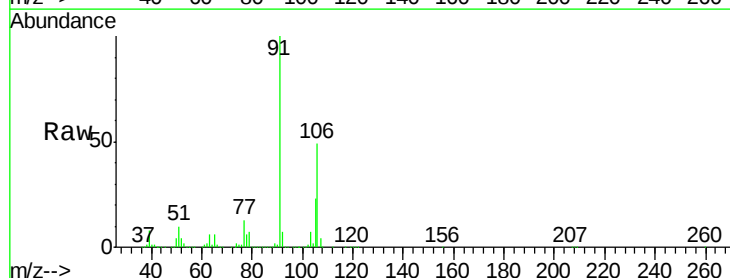
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

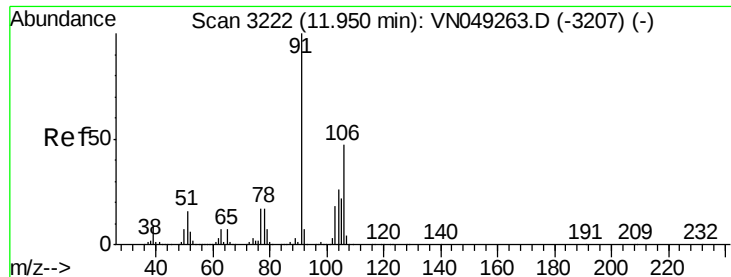
Tgt Ion: 91 Resp: 4337177
Ion Ratio Lower Upper
91 100
106 30.5 23.9 35.9



#68
m/p-Xylenes
Concen: 100.036 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN049263.D
Acq: 15 Jun 2018 15:18

Tgt Ion: 106 Resp: 3317332
Ion Ratio Lower Upper
106 100
91 205.4 167.3 250.9

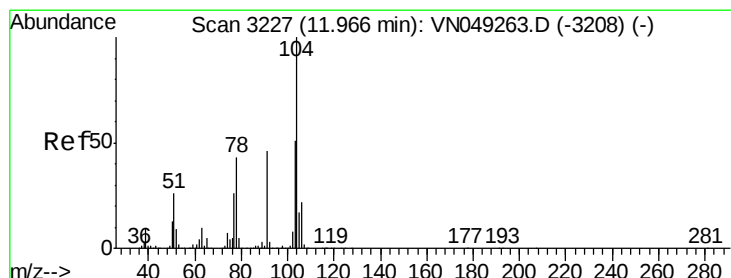
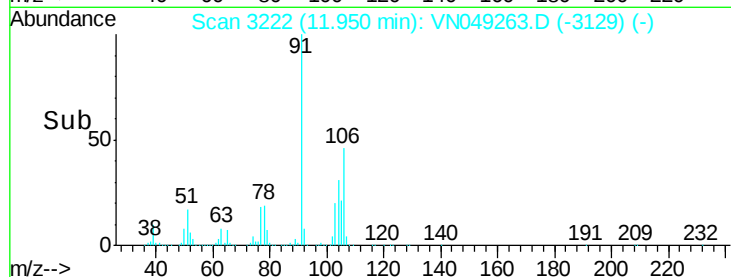
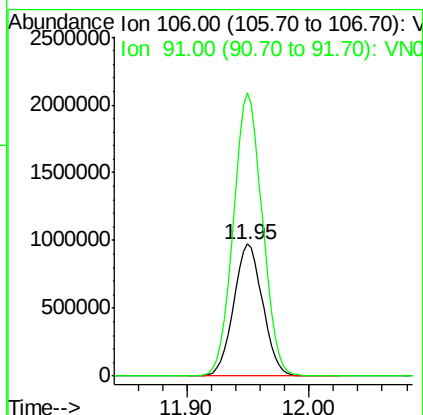
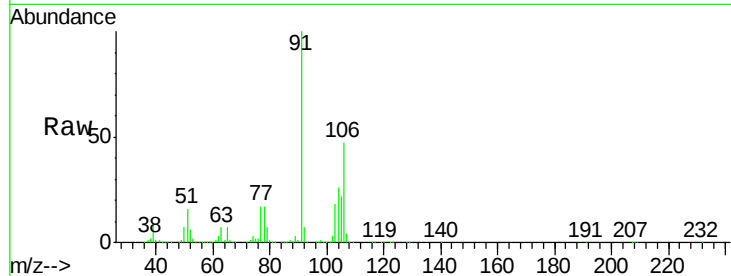




#69
o-Xylene
Concen: 50.360 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049263.D
Acq: 15 Jun 2018 15:18

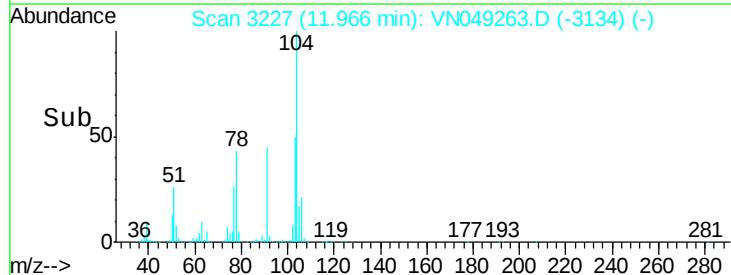
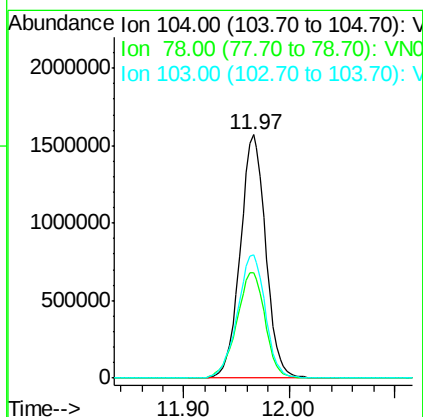
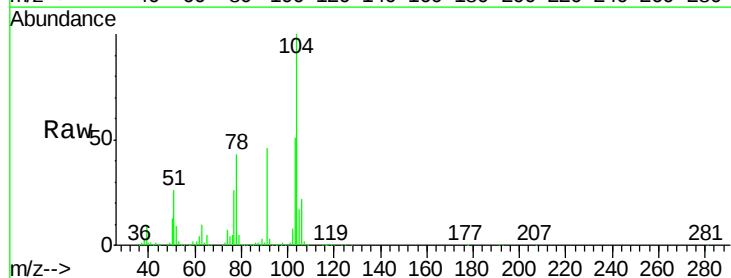
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

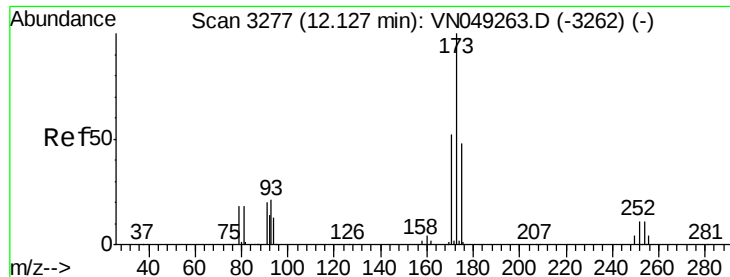
Tgt Ion:106 Resp: 1608294
Ion Ratio Lower Upper
106 100
91 214.1 111.0 333.0



#70
Styrene
Concen: 51.891 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049263.D
Acq: 15 Jun 2018 15:18

Tgt Ion:104 Resp: 2623646
Ion Ratio Lower Upper
104 100
78 48.4 41.6 62.4
103 55.6 45.4 68.2

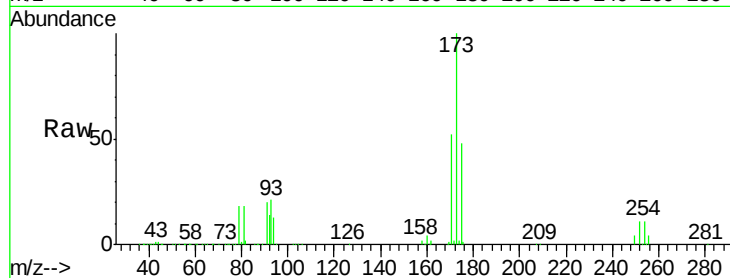




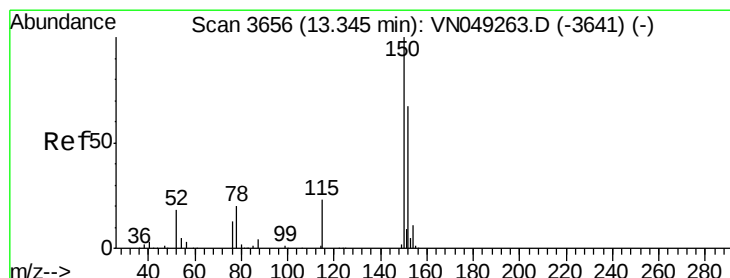
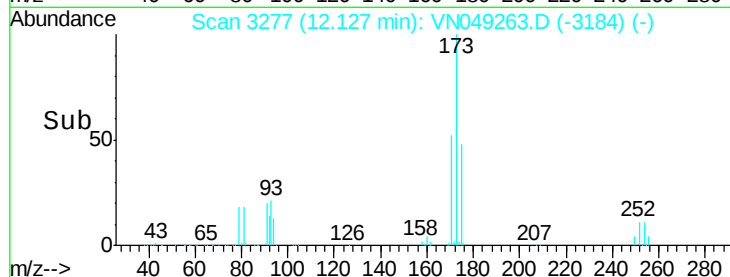
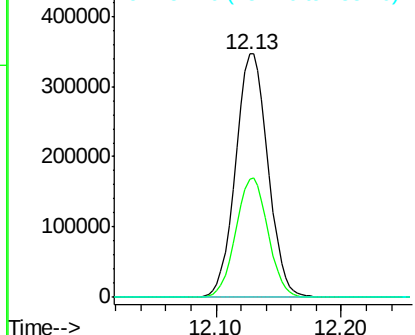
#71
Bromoform
Concen: 49.632 ug/l
RT: 12.13 min Scan# 3277
Delta R.T. 0.00 min
Lab File: VN049263.D
Acq: 15 Jun 2018 15:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:173 Resp: 620230
Ion Ratio Lower Upper
173 100
175 48.8 24.5 73.5
254 0.1 0.1 0.1

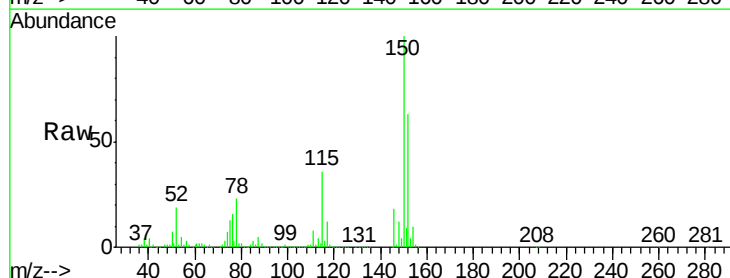


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

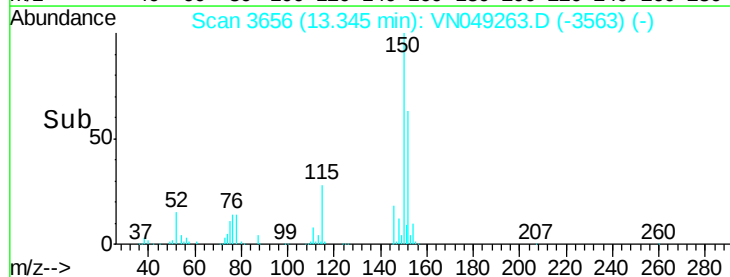
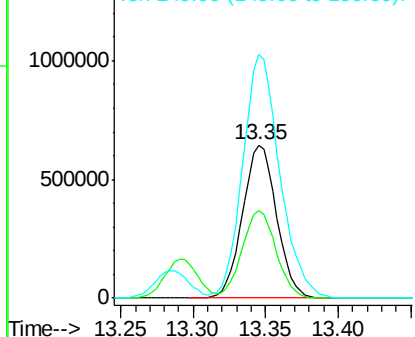


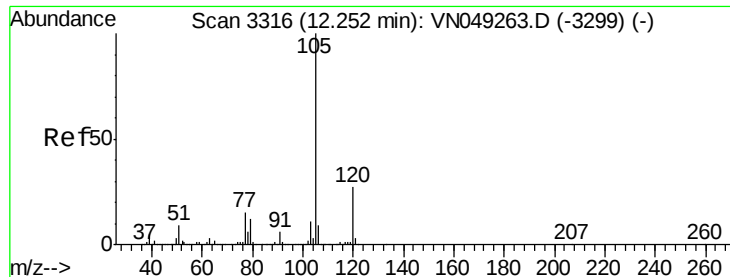
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049263.D
Acq: 15 Jun 2018 15:18

Tgt Ion:152 Resp: 1051725
Ion Ratio Lower Upper
152 100
115 57.1 28.7 86.1
150 173.4 0.0 351.0



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





#73

Isopropylbenzene

Concen: 42.305 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049263.D

Acq: 15 Jun 2018 15:18

Instrument :

MSVOA_N

ClientSampleId :

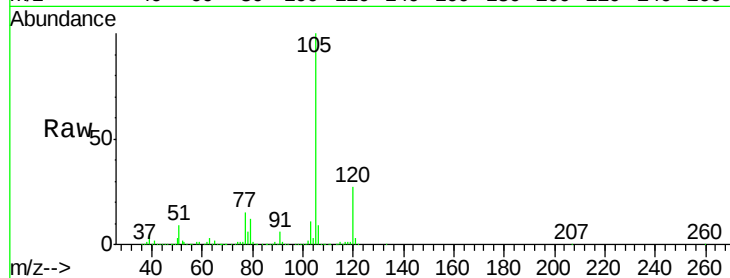
VSTDICCC050

Tgt Ion:105 Resp: 4273617

Ion Ratio Lower Upper

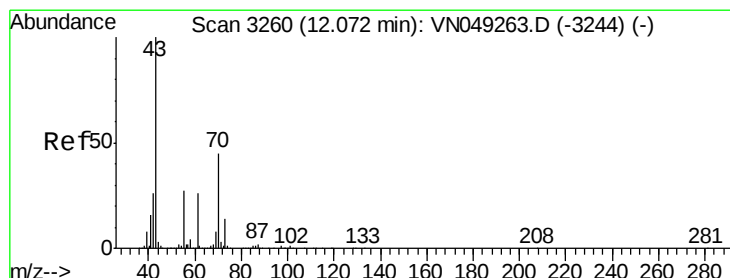
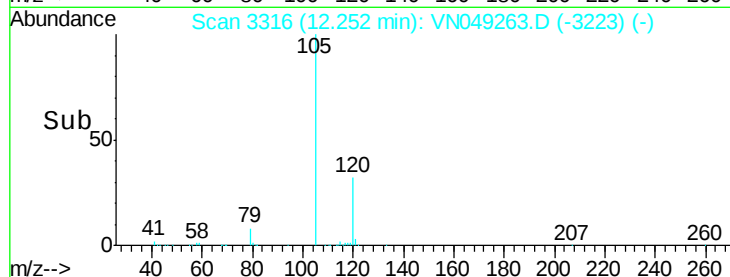
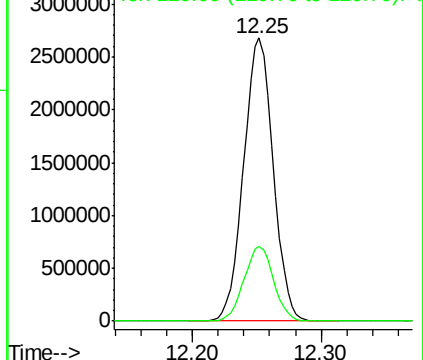
105 100

120 26.4 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: 36.402 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049263.D

Acq: 15 Jun 2018 15:18

Tgt Ion: 43 Resp: 1047525

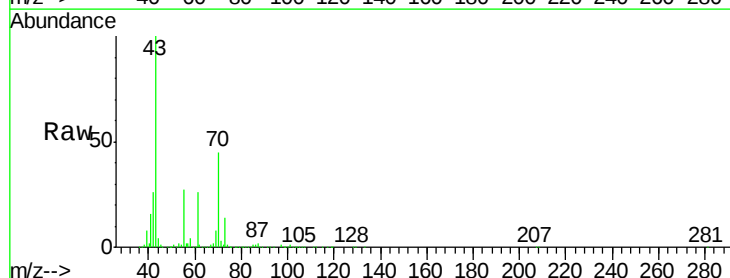
Ion Ratio Lower Upper

43 100

70 44.4 30.3 45.5

55 26.8 19.4 29.2

61 25.2 17.8 26.6

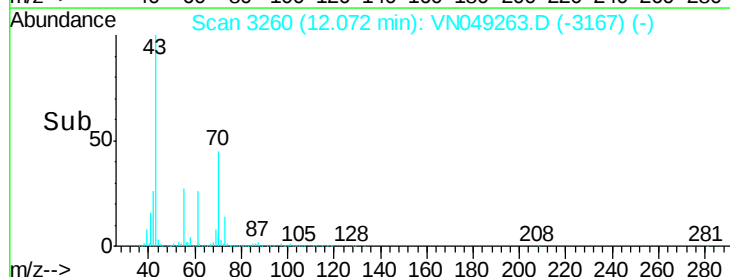
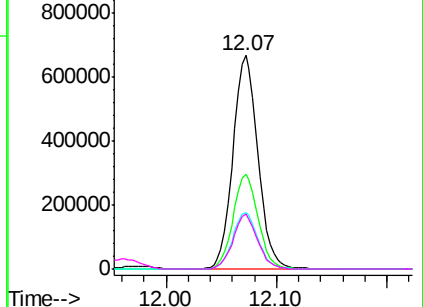


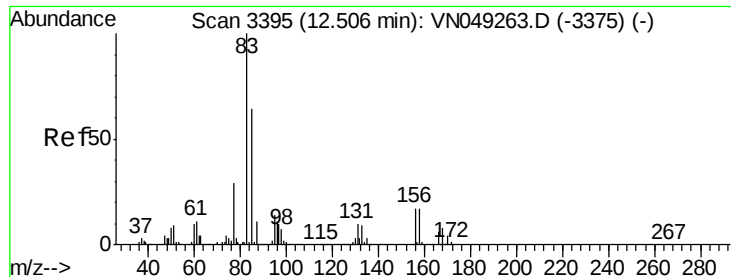
Abundance Ion 43.00 (42.70 to 43.70): V

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: 36.344 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049263.D

Acq: 15 Jun 2018 15:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

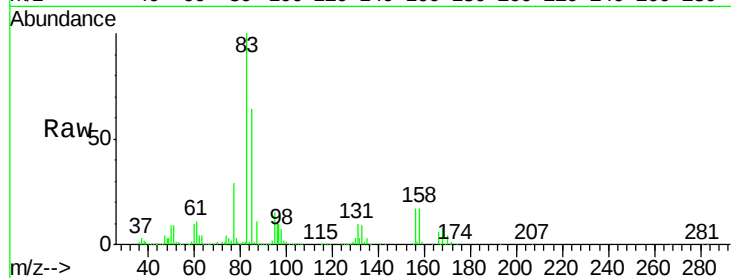
Tgt Ion: 83 Resp: 936981

Ion Ratio Lower Upper

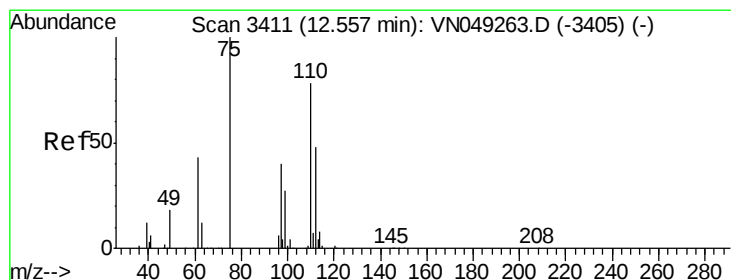
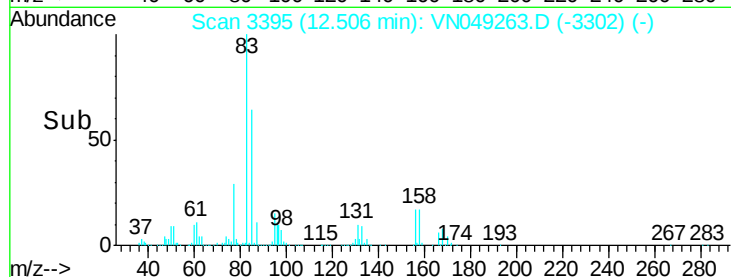
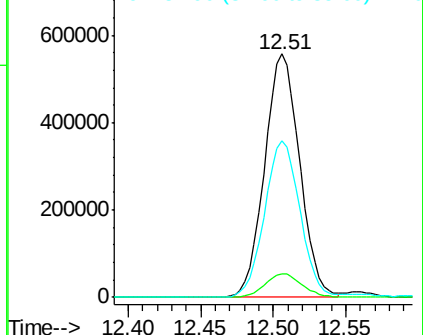
83 100

131 10.2 5.0 15.0

85 64.9 32.0 96.0



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



#76

1,2,3-Trichloropropane

Concen: 57.200 ug/l

RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN049263.D

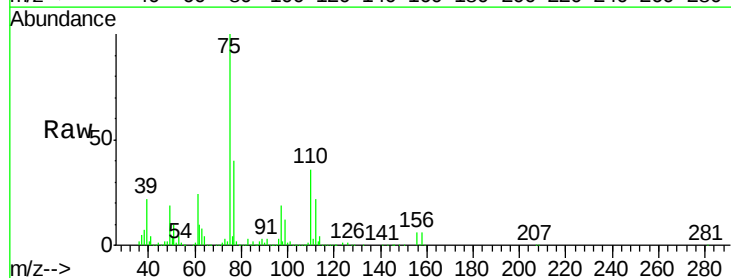
Acq: 15 Jun 2018 15:18

Tgt Ion: 75 Resp: 1173737

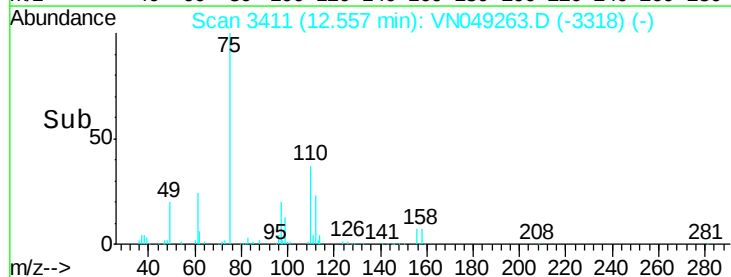
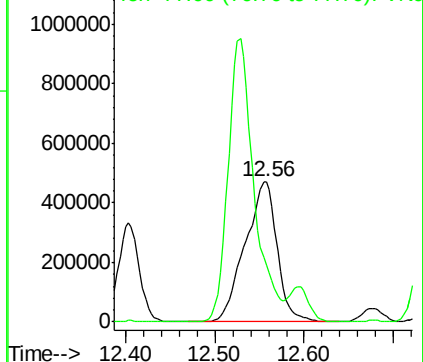
Ion Ratio Lower Upper

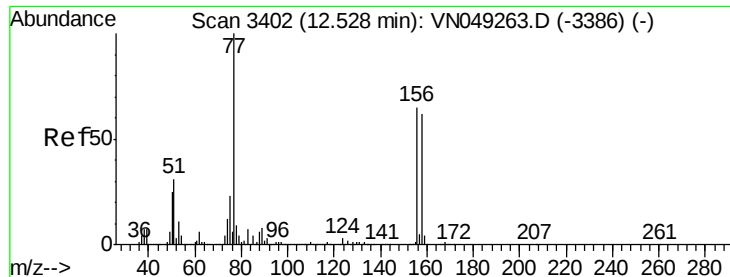
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 42.945 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049263.D

Acq: 15 Jun 2018 15:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

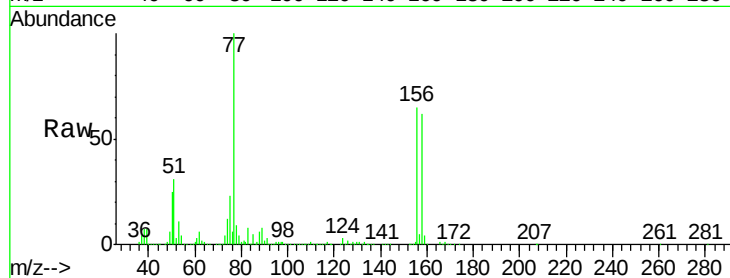
Tgt Ion:156 Resp: 1064730

Ion Ratio Lower Upper

156 100

77 180.1 100.8 302.4

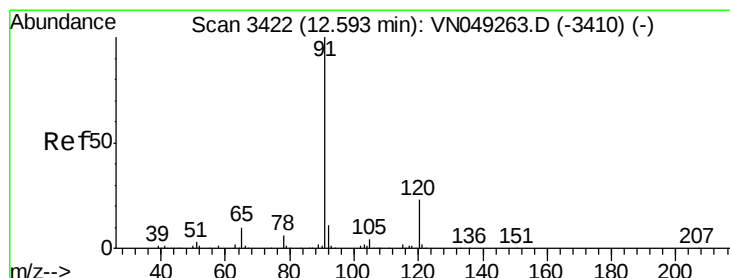
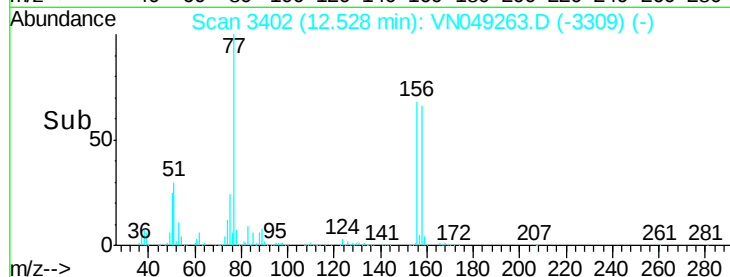
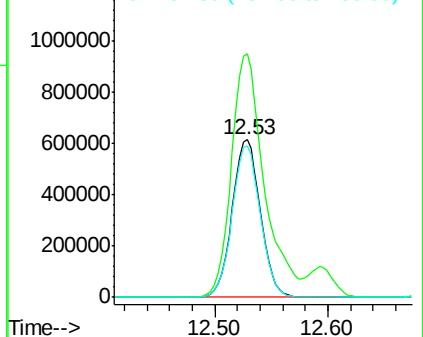
158 96.4 49.3 147.9



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: 43.832 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049263.D

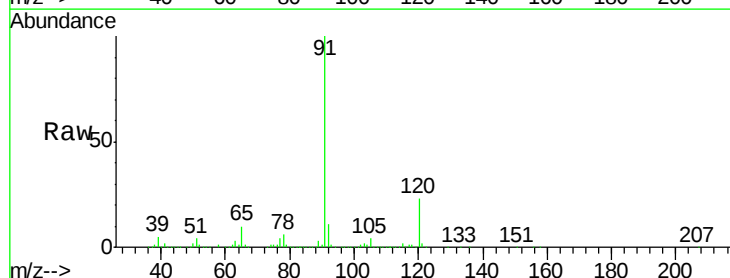
Acq: 15 Jun 2018 15:18

Tgt Ion: 91 Resp: 4918851

Ion Ratio Lower Upper

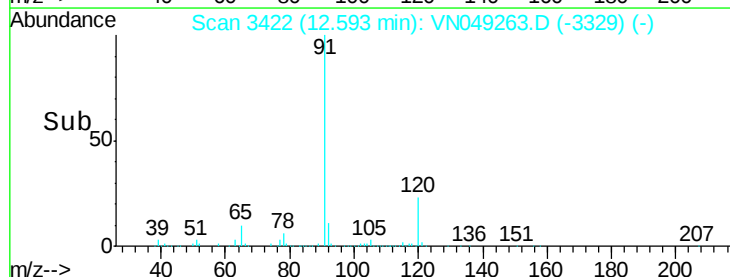
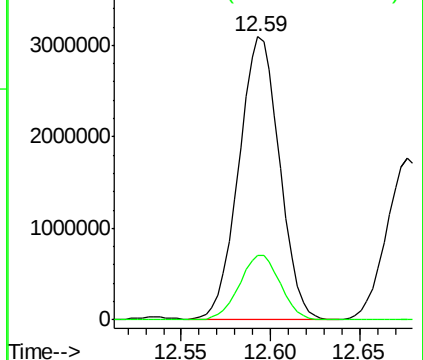
91 100

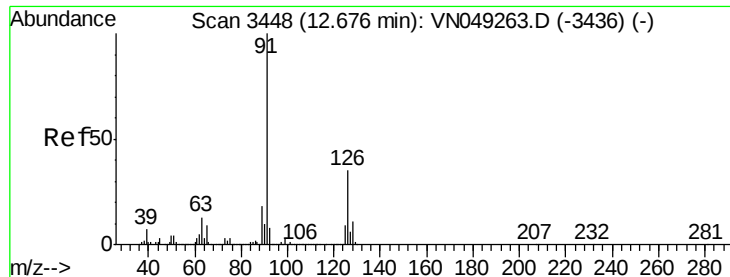
120 23.1 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

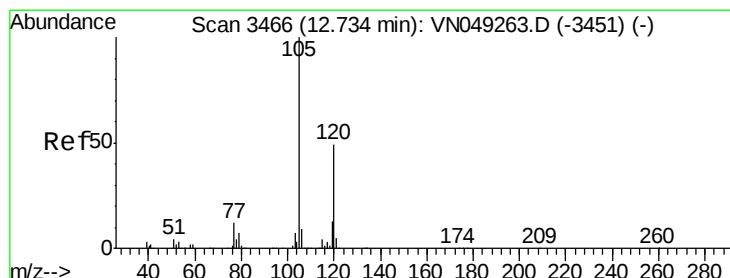
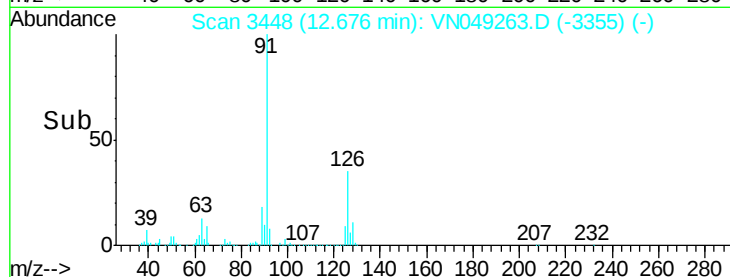
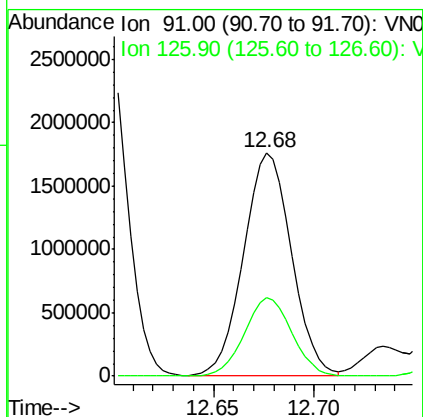
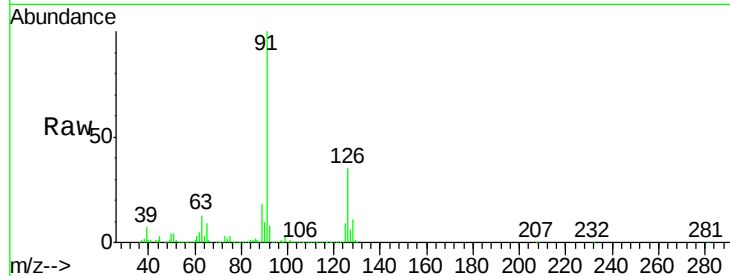




#79
 2-Chlorotoluene
 Concen: 41.244 ug/l
 RT: 12.68 min Scan# 3448
 Delta R.T. 0.00 min
 Lab File: VN049263.D
 Acq: 15 Jun 2018 15:18

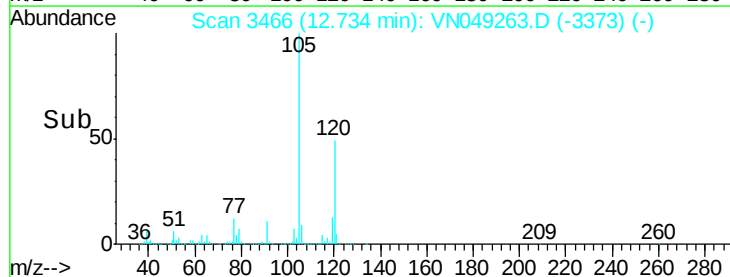
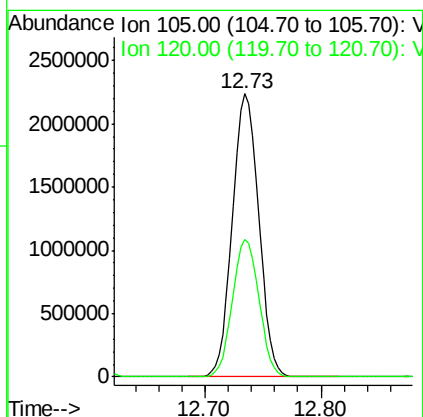
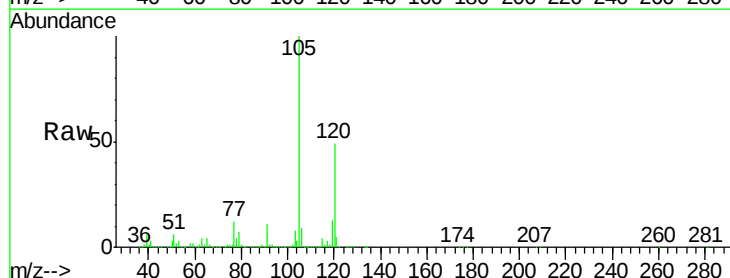
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

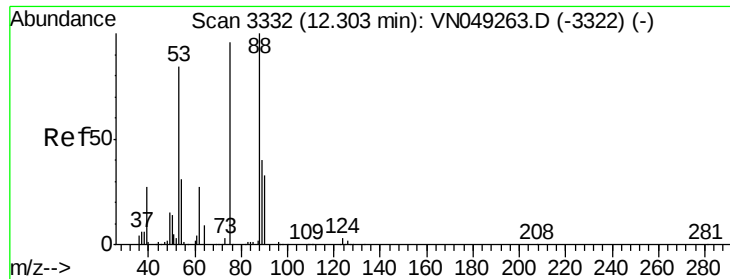
Tgt Ion: 91 Resp: 2918933
 Ion Ratio Lower Upper
 91 100
 126 34.9 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 45.428 ug/l
 RT: 12.73 min Scan# 3466
 Delta R.T. 0.00 min
 Lab File: VN049263.D
 Acq: 15 Jun 2018 15:18

Tgt Ion: 105 Resp: 3518589
 Ion Ratio Lower Upper
 105 100
 120 48.7 23.5 70.5





#81

trans-1,4-Dichloro-2-butene

Concen: 40.840 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN049263.D

Acq: 15 Jun 2018 15:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

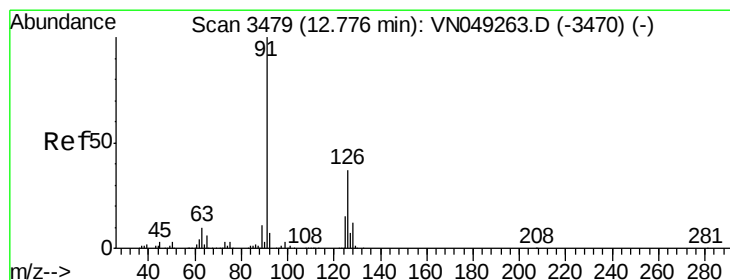
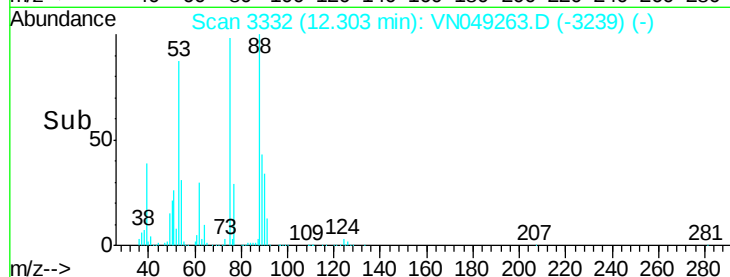
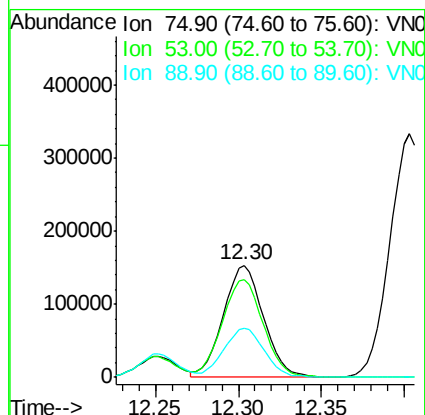
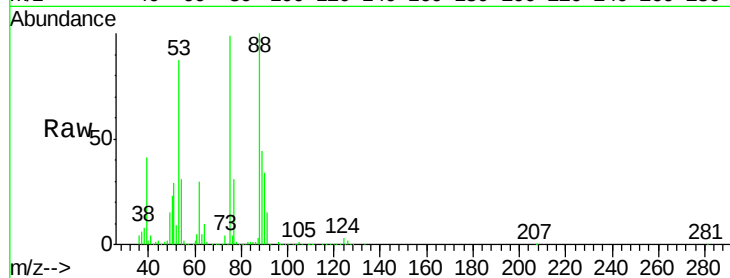
Tgt Ion: 75 Resp: 257082

Ion Ratio Lower Upper

75 100

53 90.0 82.7 124.1

89 44.5 36.5 54.7



#82

4-Chlorotoluene

Concen: 43.450 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. 0.00 min

Lab File: VN049263.D

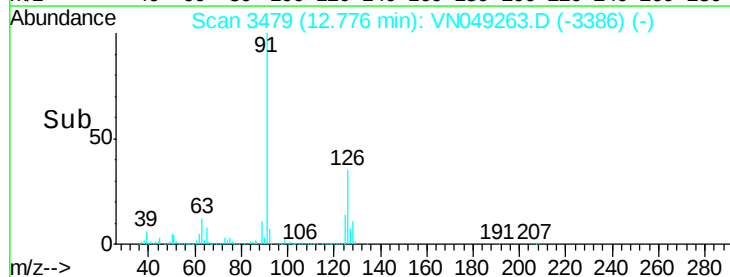
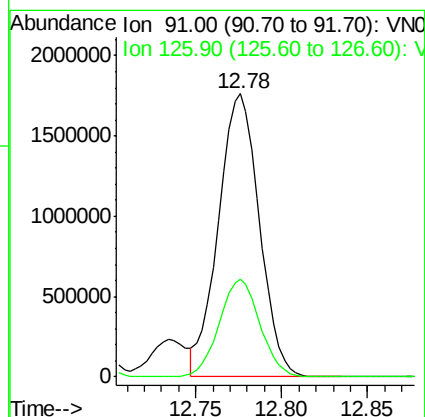
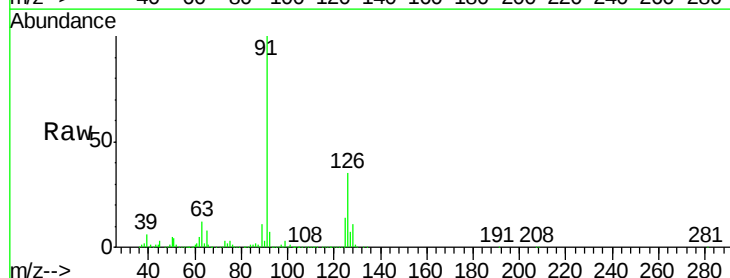
Acq: 15 Jun 2018 15:18

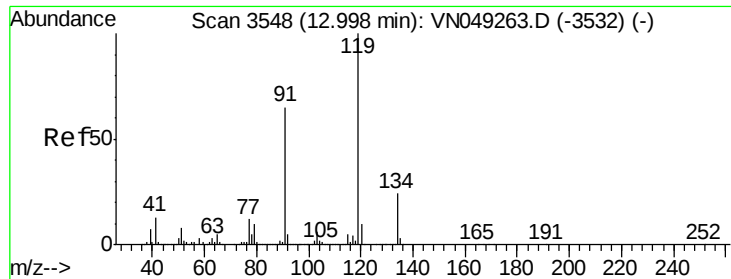
Tgt Ion: 91 Resp: 2916865

Ion Ratio Lower Upper

91 100

126 34.3 16.4 49.1

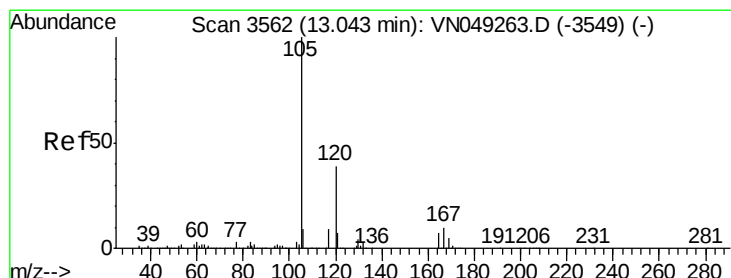
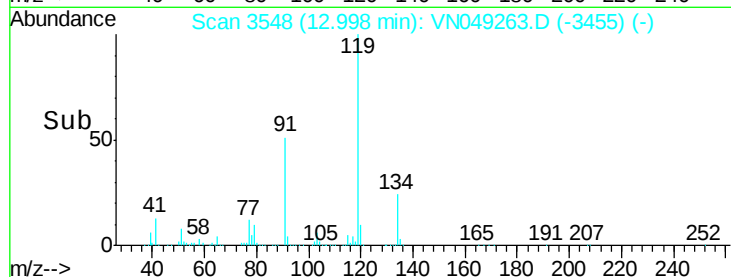
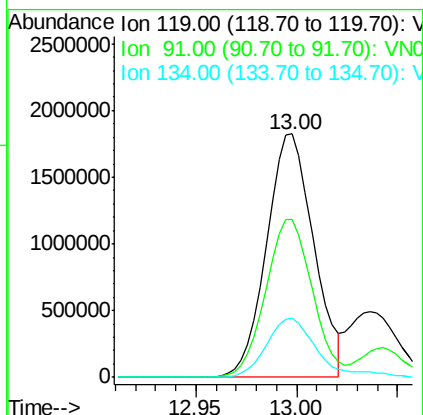
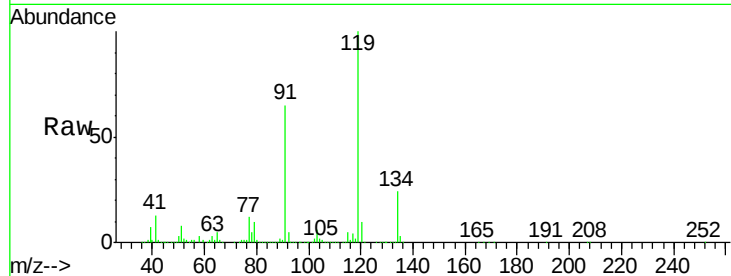




#83
 tert-Butylbenzene
 Concen: 44.350 ug/l
 RT: 13.00 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN049263.D
 Acq: 15 Jun 2018 15:18

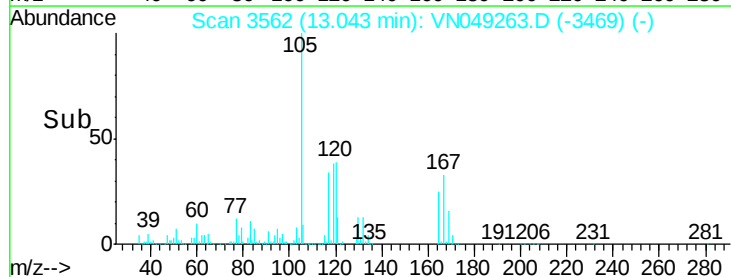
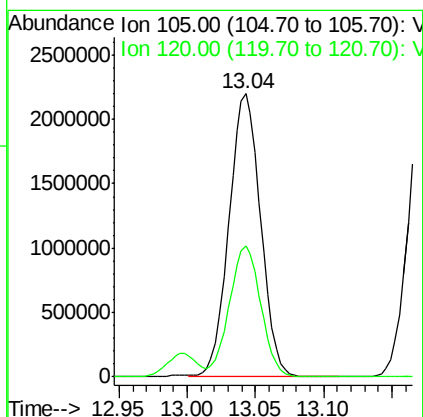
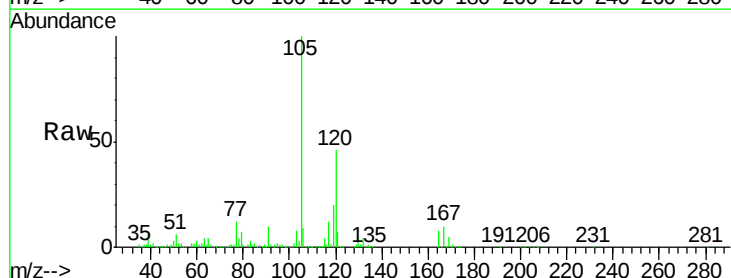
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

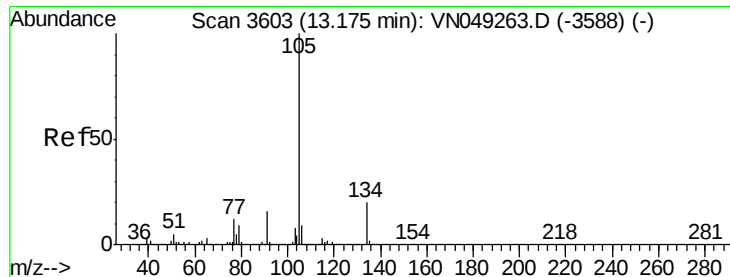
Tgt Ion:119 Resp: 2959150
 Ion Ratio Lower Upper
 119 100
 91 64.3 33.7 101.0
 134 26.1 12.9 38.6



#84
 1,2,4-Trimethylbenzene
 Concen: 45.895 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049263.D
 Acq: 15 Jun 2018 15:18

Tgt Ion:105 Resp: 3533269
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 44.965 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049263.D

Acq: 15 Jun 2018 15:18

Instrument :

MSVOA_N

ClientSampleId :

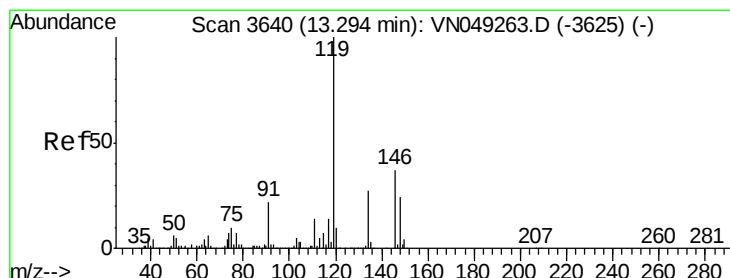
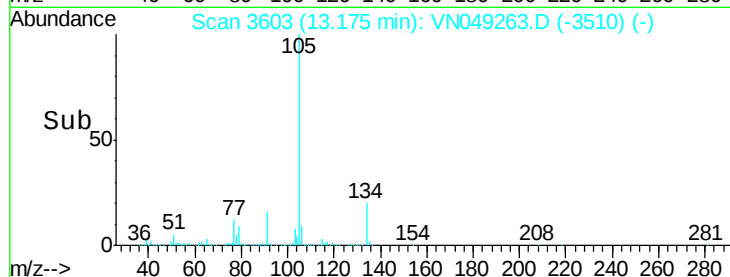
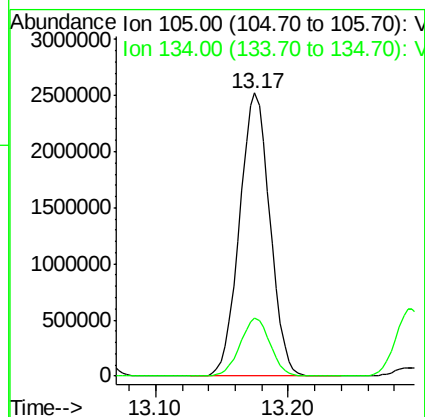
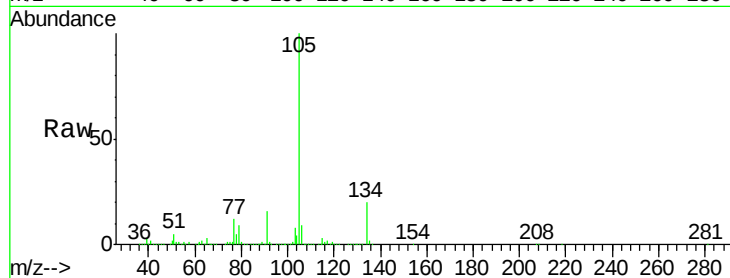
VSTDICCC050

Tgt Ion:105 Resp: 3999748

Ion Ratio Lower Upper

105 100

134 20.2 9.8 29.3



#86

p-Isopropyltoluene

Concen: 48.051 ug/l

RT: 13.29 min Scan# 3640

Delta R.T. 0.00 min

Lab File: VN049263.D

Acq: 15 Jun 2018 15:18

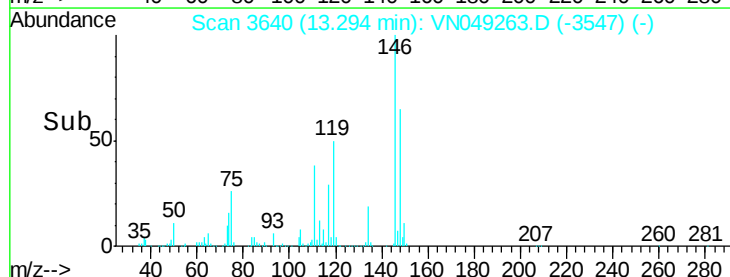
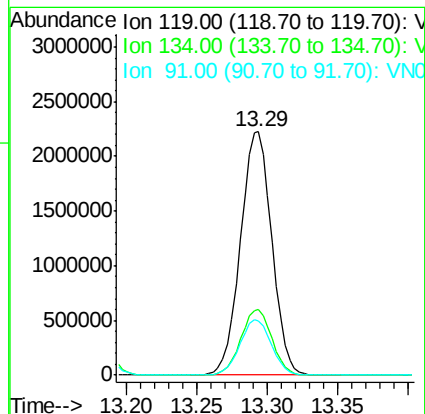
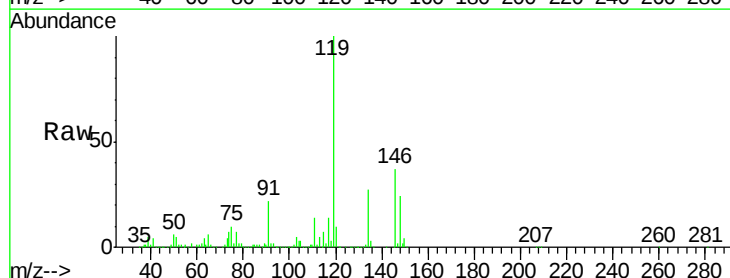
Tgt Ion:119 Resp: 3461725

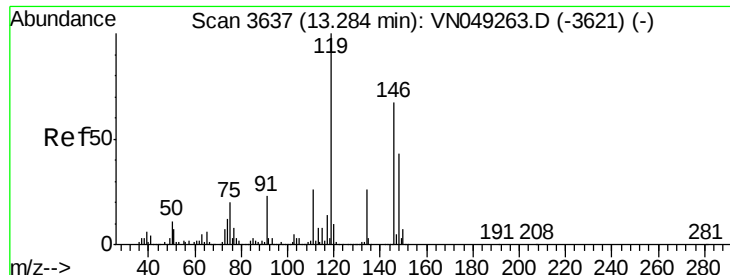
Ion Ratio Lower Upper

119 100

134 26.6 12.9 38.6

91 22.6 12.1 36.3

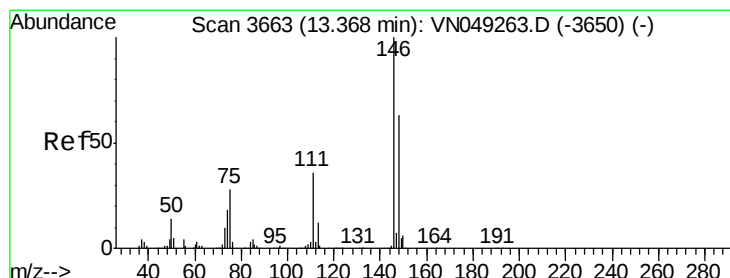
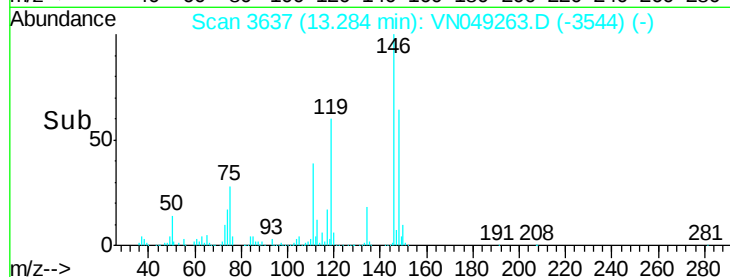
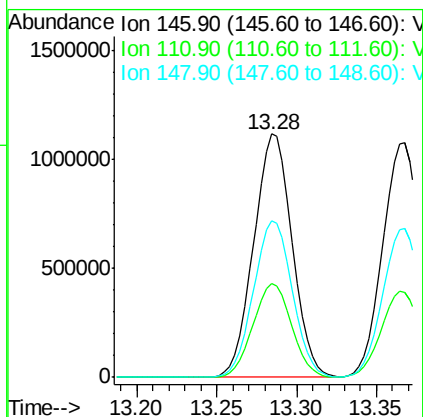
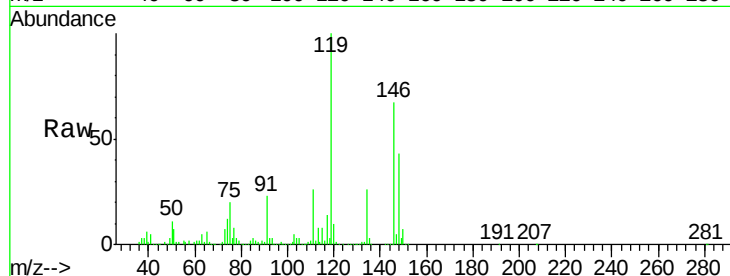




#87
 1,3-Dichlorobenzene
 Concen: 46.758 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049263.D
 Acq: 15 Jun 2018 15:18

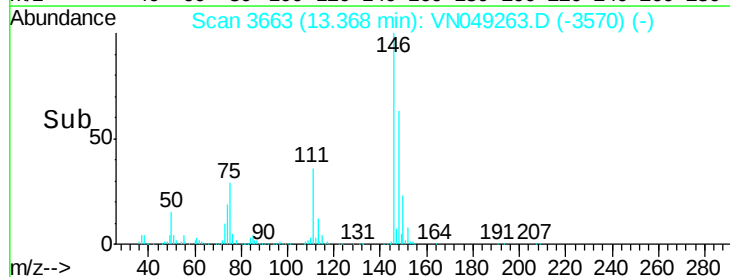
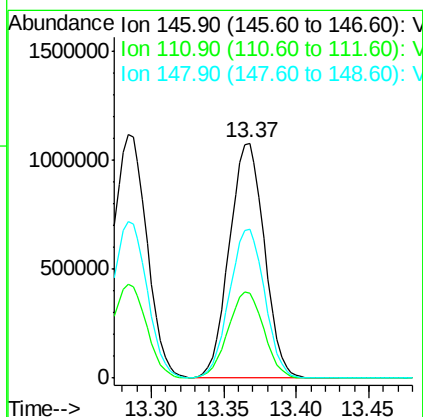
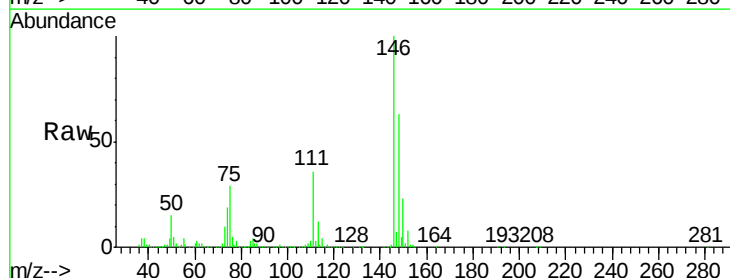
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

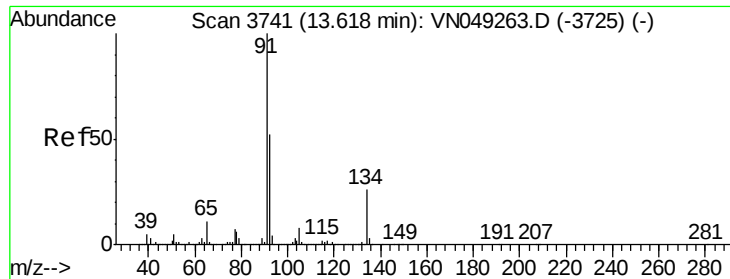
Tgt Ion:146 Resp: 1847842
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.9 59.6
 148 64.8 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 46.579 ug/l
 RT: 13.37 min Scan# 3663
 Delta R.T. 0.00 min
 Lab File: VN049263.D
 Acq: 15 Jun 2018 15:18

Tgt Ion:146 Resp: 1813032
 Ion Ratio Lower Upper
 146 100
 111 37.2 19.1 57.1
 148 63.9 32.0 96.2

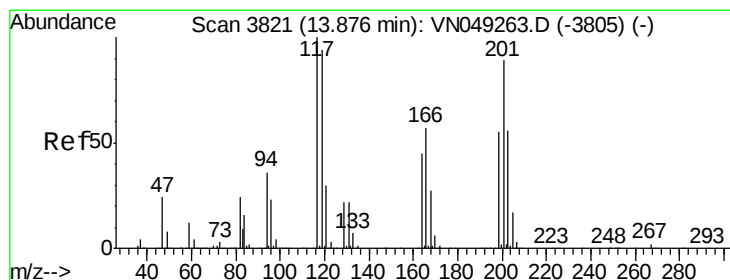
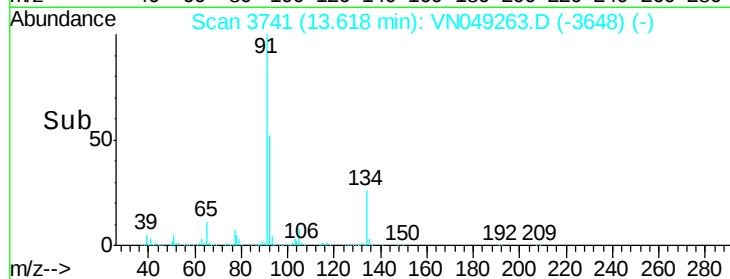
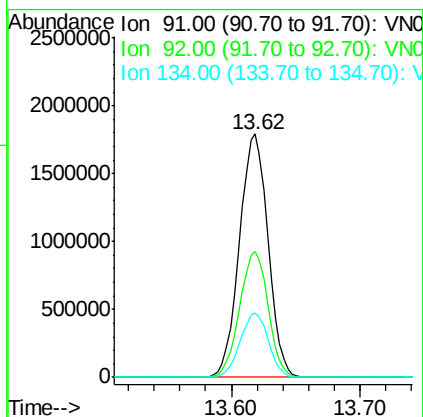
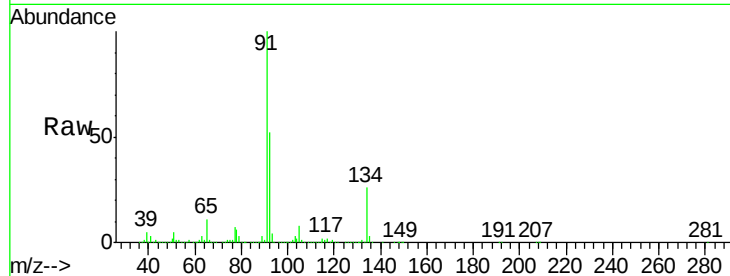




#89
n-Butylbenzene
Concen: 49.647 ug/l
RT: 13.62 min Scan# 3741
Delta R.T. 0.00 min
Lab File: VN049263.D
Acq: 15 Jun 2018 15:18

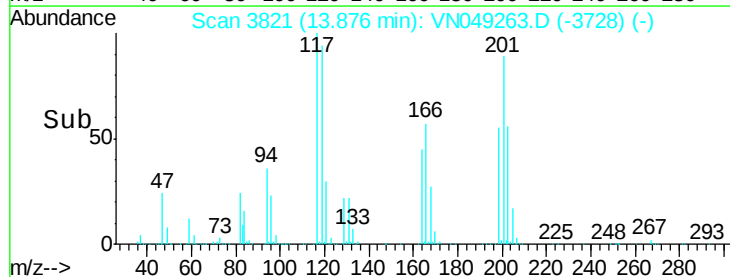
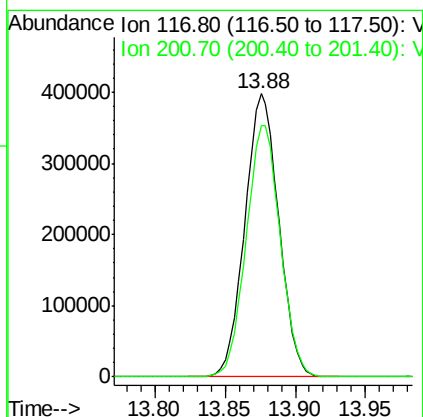
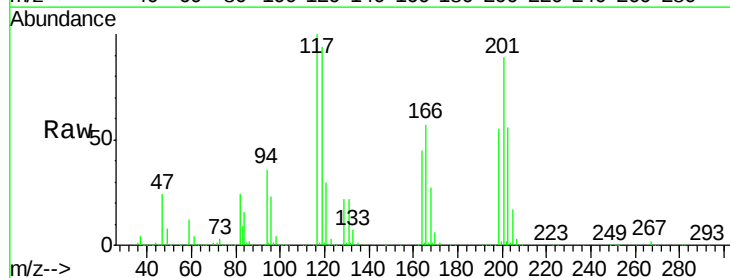
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

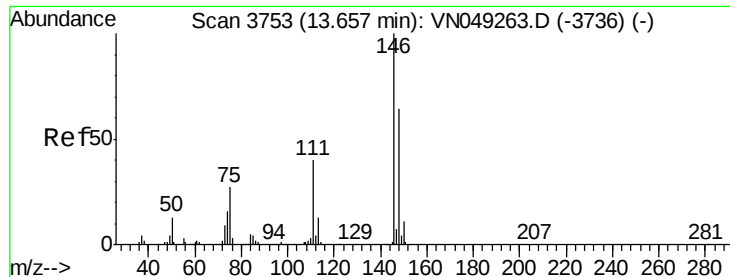
Tgt Ion: 91 Resp: 2761179
Ion Ratio Lower Upper
91 100
92 51.7 25.1 75.4
134 26.1 12.0 36.0



#90
Hexachloroethane
Concen: 39.366 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049263.D
Acq: 15 Jun 2018 15:18

Tgt Ion: 117 Resp: 668453
Ion Ratio Lower Upper
117 100
201 89.4 40.1 120.2





#91

1,2-Dichlorobenzene

Concen: 46.843 ug/l

RT: 13.66 min Scan# 3753

Delta R.T. 0.00 min

Lab File: VN049263.D

Acq: 15 Jun 2018 15:18

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

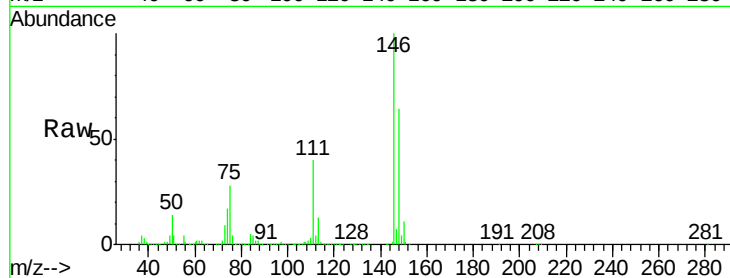
Tgt Ion:146 Resp: 1821084

Ion Ratio Lower Upper

146 100

111 39.7 20.8 62.2

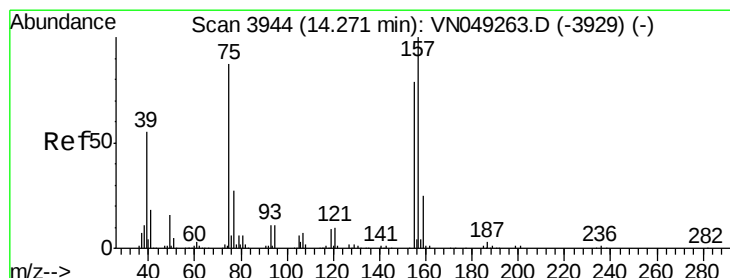
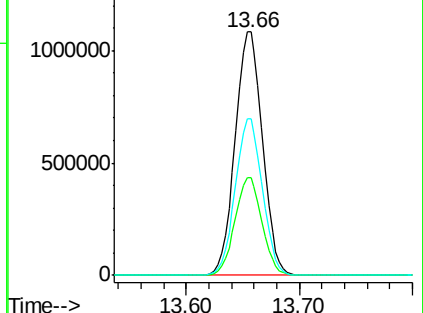
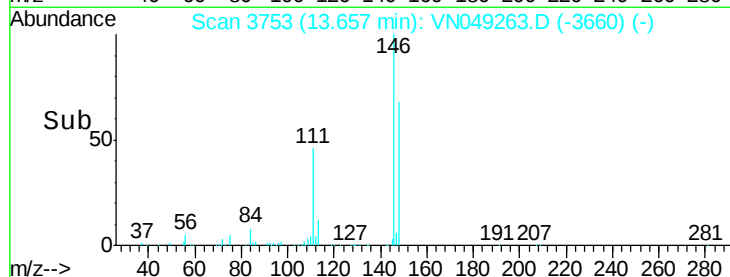
148 63.9 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 40.248 ug/l

RT: 14.27 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VN049263.D

Acq: 15 Jun 2018 15:18

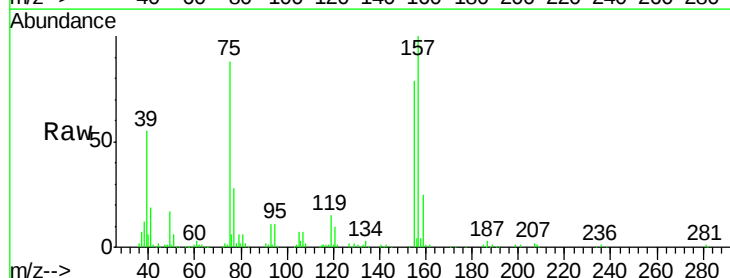
Tgt Ion: 75 Resp: 141421

Ion Ratio Lower Upper

75 100

155 90.8 38.8 116.3

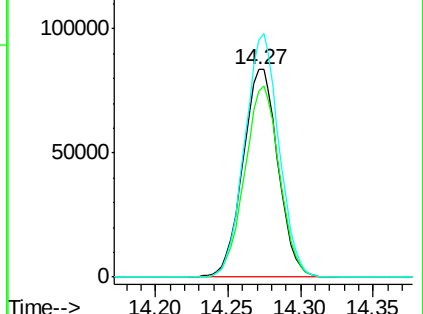
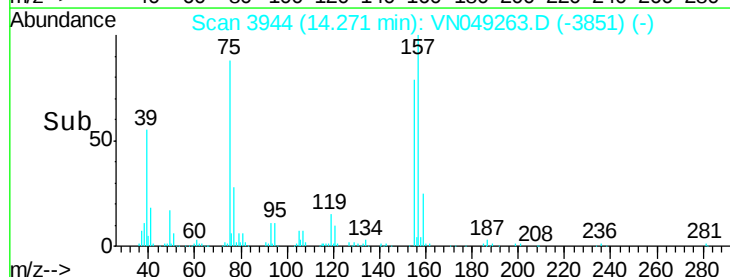
157 114.0 51.0 153.1



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

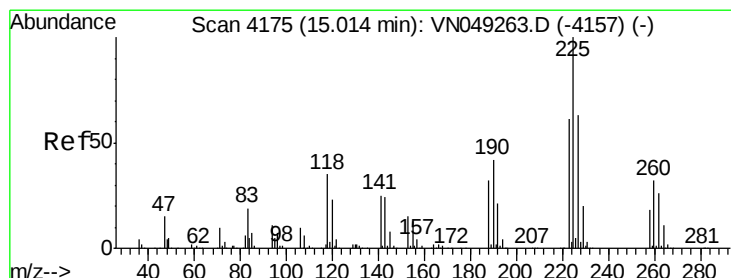
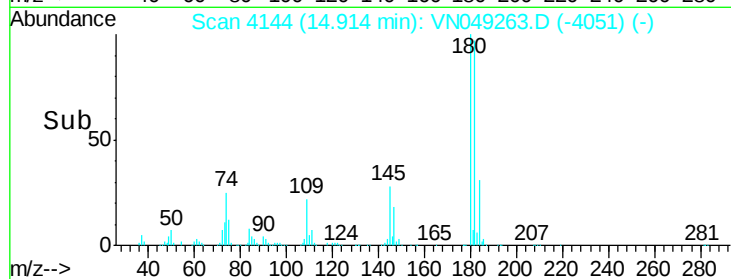
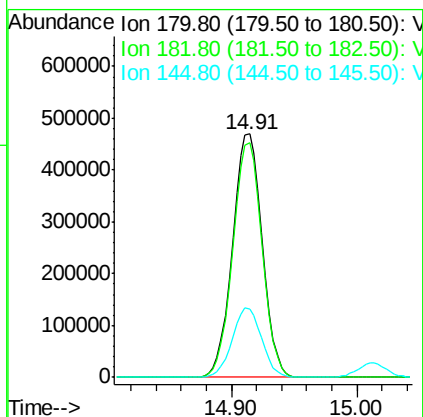
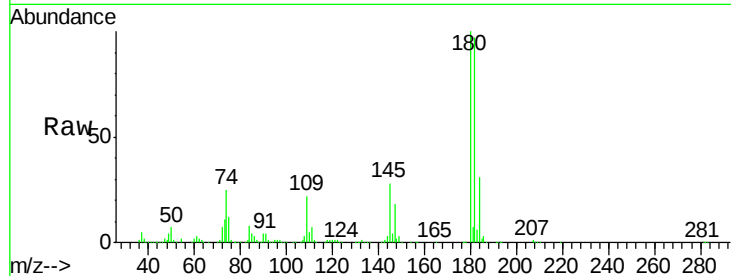




#93
 1,2,4-Trichlorobenzene
 Concen: 53.923 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049263.D
 Acq: 15 Jun 2018 15:18

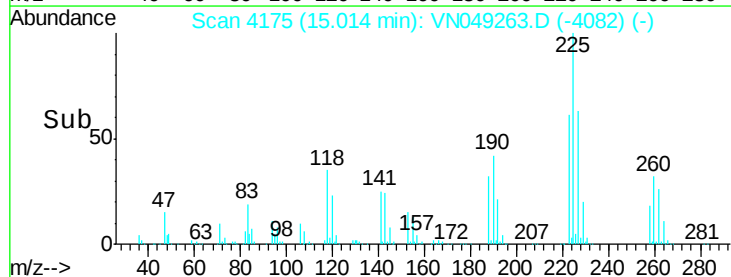
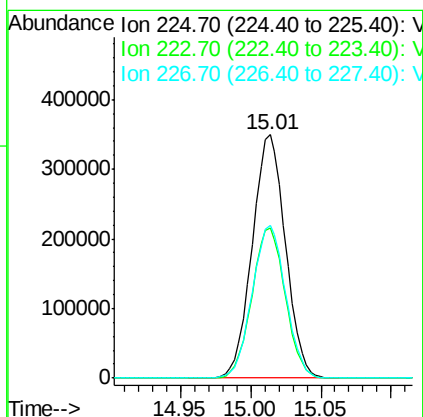
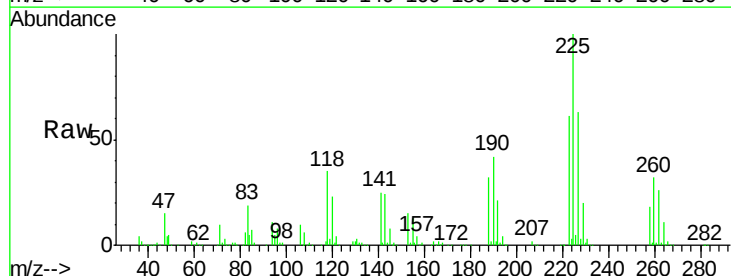
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:180 Resp: 769016
 Ion Ratio Lower Upper
 180 100
 182 95.6 46.9 140.8
 145 28.3 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 49.009 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049263.D
 Acq: 15 Jun 2018 15:18

Tgt Ion:225 Resp: 576160
 Ion Ratio Lower Upper
 225 100
 223 61.9 32.1 96.3
 227 63.3 31.8 95.3

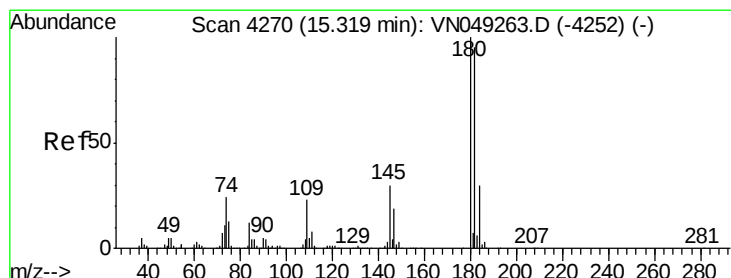
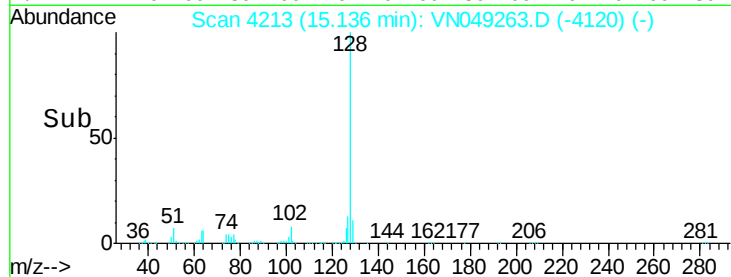
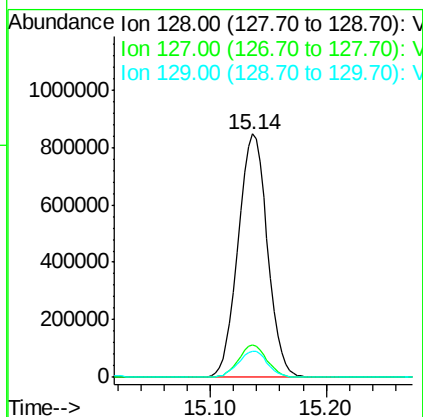
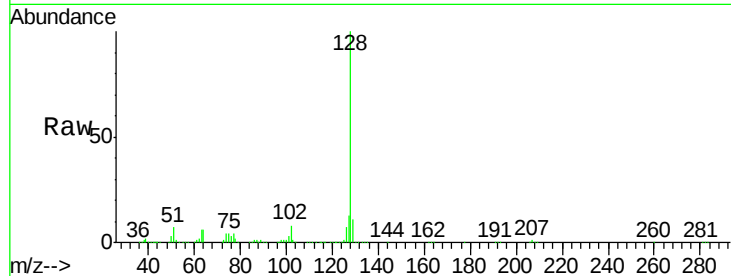




#95
Naphthalene
Concen: 47.821 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049263.D
Acq: 15 Jun 2018 15:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 1485331
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.8 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 50.842 ug/l
RT: 15.32 min Scan# 4270
Delta R.T. 0.00 min
Lab File: VN049263.D
Acq: 15 Jun 2018 15:18

Tgt Ion:180 Resp: 780561
Ion Ratio Lower Upper
180 100
182 96.3 47.3 141.8
145 30.7 15.6 46.7

