

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
 Data File : VN049411.D
 Acq On : 20 Jun 2018 3:12
 Operator : MD\SY
 Sample : VN0619WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 20 06:04:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1425283	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2183184	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1954309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	902056	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	896392	47.42	ug/l	0.00
Spiked Amount			Recovery	=	94.84%	
35) Dibromofluoromethane	7.59	113	807563	45.72	ug/l	0.00
Spiked Amount			Recovery	=	91.44%	
50) Toluene-d8	10.09	98	3012640	44.79	ug/l	0.00
Spiked Amount			Recovery	=	89.58%	
62) 4-Bromofluorobenzene	12.40	95	965791	43.43	ug/l	0.00
Spiked Amount			Recovery	=	86.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	323001	19.69	ug/l	98
3) Chloromethane	2.06	50	397739	18.78	ug/l	97
4) Vinyl Chloride	2.18	62	433342	19.25	ug/l	98
5) Bromomethane	2.57	94	226386	19.13	ug/l	97
6) Chloroethane	2.71	64	267687	19.94	ug/l	100
7) Trichlorofluoromethane	3.02	101	555391	19.77	ug/l	100
8) Diethyl Ether	3.41	74	189237	19.30	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	344538	19.34	ug/l	94
10) Methyl Iodide	3.95	142	361180	19.48	ug/l	93
11) Tert butyl alcohol	4.80	59	98900	89.14	ug/l #	86
12) 1,1-Dichloroethene	3.73	96	315426	19.30	ug/l	91
13) Acrolein	3.61	56	156887	134.84	ug/l	96
14) Allyl chloride	4.33	41	473037	18.33	ug/l	89
15) Acrylonitrile	4.99	53	533740	96.20	ug/l	99
16) Acetone	3.82	43	371428	80.92	ug/l #	89
17) Carbon Disulfide	4.05	76	940303	18.36	ug/l	99
18) Methyl Acetate	4.33	43	291590	20.83	ug/l	93
19) Methyl tert-butyl Ether	5.05	73	814381	19.55	ug/l	100
20) Methylene Chloride	4.55	84	370384	19.32	ug/l	92
21) trans-1,2-Dichloroethene	5.05	96	332987	19.25	ug/l	91
22) Diisopropyl ether	5.96	45	1042817	20.24	ug/l	97
23) Vinyl Acetate	5.90	43	3238823	96.42	ug/l	96
24) 1,1-Dichloroethane	5.85	63	638301	19.35	ug/l	99
25) 2-Butanone	6.84	43	552616	89.66	ug/l	96
26) 2,2-Dichloropropane	6.82	77	362964	13.63	ug/l	93
27) cis-1,2-Dichloroethene	6.83	96	373044	19.39	ug/l	90
28) Bromochloromethane	7.20	49	273937	18.73	ug/l	84
29) Tetrahydrofuran	7.22	42	381395	96.13	ug/l	94
30) Chloroform	7.37	83	646119	19.69	ug/l	100
31) Cyclohexane	7.66	56	546833	19.45	ug/l	91
32) 1,1,1-Trichloroethane	7.57	97	553018	19.75	ug/l	97
36) 1,1-Dichloropropene	7.79	75	473483	18.92	ug/l	98
37) Ethyl Acetate	6.93	43	273600	20.11	ug/l	98
38) Carbon Tetrachloride	7.77	117	489441	18.89	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
 Data File : VN049411.D
 Acq On : 20 Jun 2018 3:12
 Operator : MD\SY
 Sample : VN0619WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 20 06:04:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	469834	17.49	ug/l	98
40) Benzene	8.04	78	1459805	19.03	ug/l	99
41) Methacrylonitrile	7.18	41	127406	17.33	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	451573	19.05	ug/l	96
43) Isopropyl Acetate	8.17	43	513730	19.77	ug/l	98
44) Trichloroethene	8.84	130	384638	18.99	ug/l	95
45) 1,2-Dichloropropane	9.12	63	379483	18.89	ug/l	99
46) Dibromomethane	9.21	93	219010	18.80	ug/l	89
47) Bromodichloromethane	9.40	83	486769	19.02	ug/l	97
48) Methyl methacrylate	9.20	41	225772	18.45	ug/l #	87
49) 1,4-Dioxane	9.20	88	61489	364.01	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	1306986	95.95	ug/l	95
52) Toluene	10.16	92	890668	19.78	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	427767	17.47	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	510934	17.67	ug/l	90
55) 1,1,2-Trichloroethane	10.56	97	318884	19.00	ug/l	97
56) Ethyl methacrylate	10.43	69	356939	18.43	ug/l #	88
57) 1,3-Dichloropropane	10.71	76	526412	18.93	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	448689	75.43	ug/l	95
59) 2-Hexanone	10.75	43	800730	91.18	ug/l	94
60) Dibromochloromethane	10.90	129	354492	18.92	ug/l	99
61) 1,2-Dibromoethane	11.01	107	302123	19.37	ug/l	98
64) Tetrachloroethene	10.63	164	429915	21.47	ug/l	98
65) Chlorobenzene	11.44	112	957386	19.02	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	353902	18.68	ug/l	98
67) Ethyl Benzene	11.51	91	1596161	19.11	ug/l	98
68) m/p-Xylenes	11.62	106	1237307	39.48	ug/l	96
69) o-Xylene	11.95	106	590198	19.55	ug/l	96
70) Styrene	11.97	104	944511	19.83	ug/l	97
71) Bromoform	12.13	173	232742	18.98	ug/l #	100
73) Isopropylbenzene	12.25	105	1571920	19.85	ug/l	98
74) N-amyl acetate	12.07	43	350671	18.08	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.51	83	344597	19.80	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	427478	27.77	ug/l #	100
77) Bromobenzene	12.53	156	394139	18.84	ug/l	91
78) n-propylbenzene	12.59	91	1711734	19.68	ug/l	99
79) 2-Chlorotoluene	12.68	91	1072256	19.46	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	1260499	20.25	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	77270	15.87	ug/l	99
82) 4-Chlorotoluene	12.78	91	1051050	19.77	ug/l	98
83) tert-Butylbenzene	12.99	119	1059089	19.20	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	1263633	20.43	ug/l	99
85) sec-Butylbenzene	13.17	105	1393187	18.98	ug/l	98
86) p-Isopropyltoluene	13.29	119	1169673	19.07	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	644190	18.72	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	615392	18.04	ug/l	99
89) n-Butylbenzene	13.62	91	815468	17.02	ug/l	99
90) Hexachloroethane	13.88	117	242528	19.87	ug/l	91
91) 1,2-Dichlorobenzene	13.66	146	643998	19.08	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	49190	17.84	ug/l	87

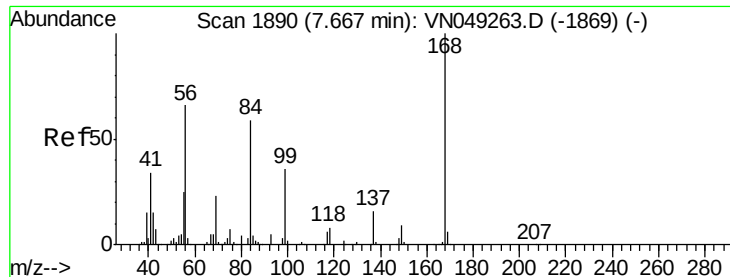
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
Data File : VN049411.D
Acq On : 20 Jun 2018 3:12
Operator : MD\SY
Sample : VN0619WBS02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 20 06:04:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	182599	15.43	ug/l	98
94) Hexachlorobutadiene	15.01	225	191975	17.69	ug/l	99
95) Naphthalene	15.14	128	364519	16.08	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	207060	16.20	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

Instrument :

MSVOA_N

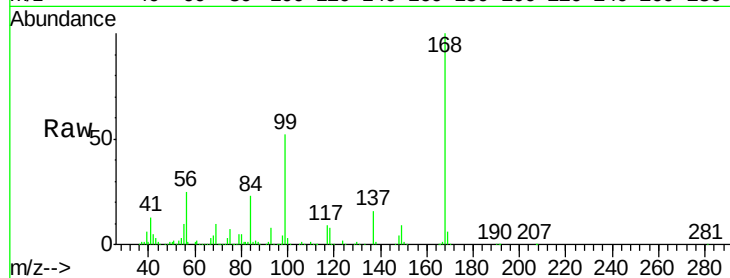
ClientSampleId :

Tot Ion:168 Resp: 1425283

Ion Ratio Lower Upper

168 100

99 52.0 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

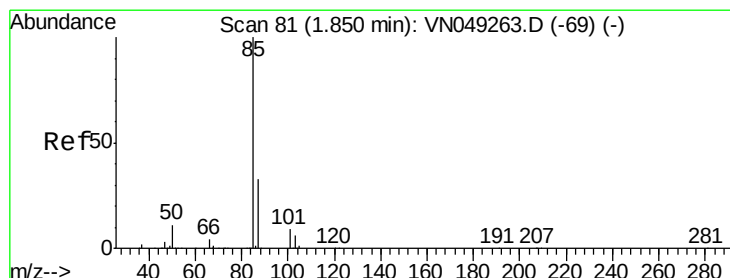
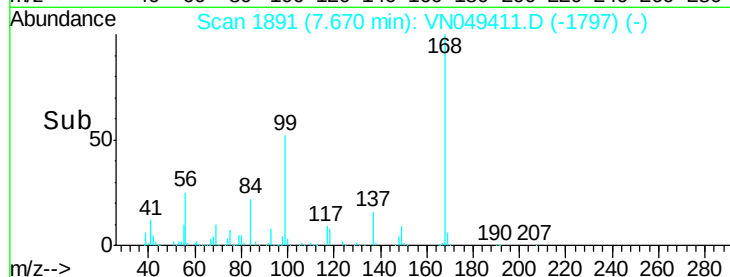
400000

200000

0

7.60 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.69 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN049411.D

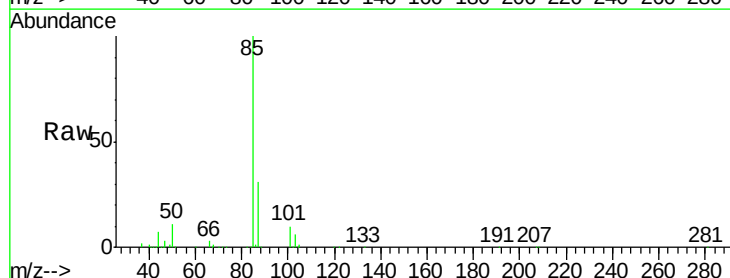
Acq: 20 Jun 2018 3:12

Tgt Ion: 85 Resp: 323001

Ion Ratio Lower Upper

85 100

87 31.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

250000

200000

150000

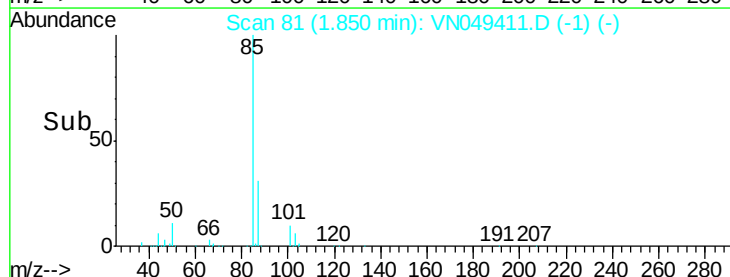
100000

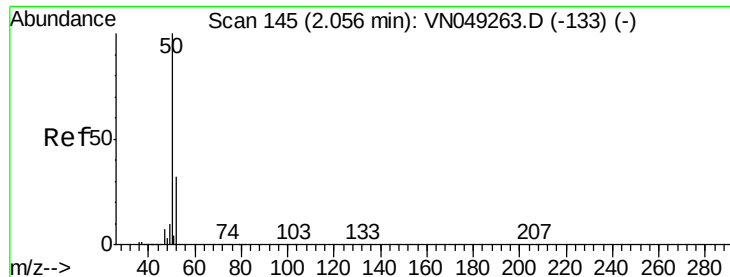
50000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 18.78 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

Instrument :

MSVOA_N

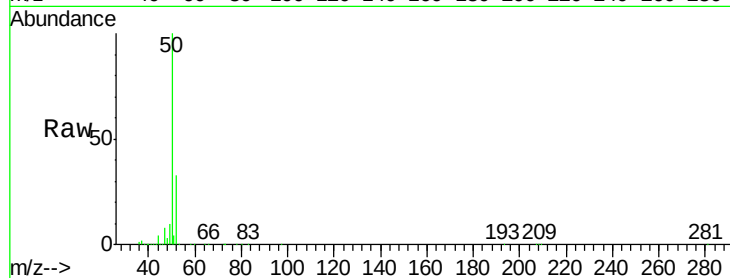
ClientSampleId :

Tot Ion: 50 Resp: 397739

Ion Ratio Lower Upper

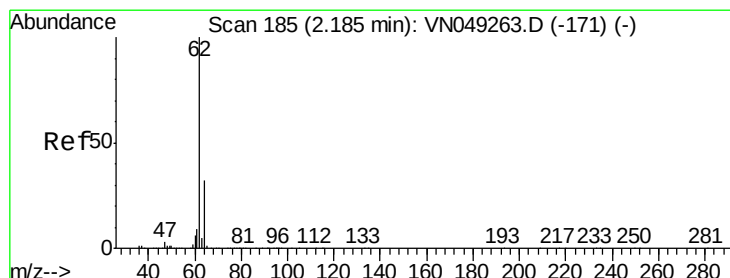
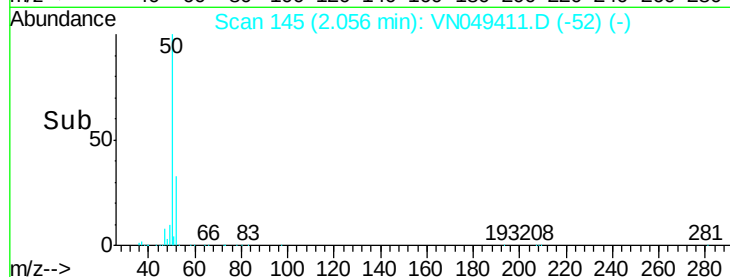
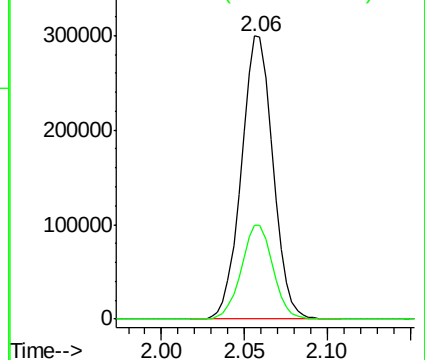
50 100

52 33.4 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 19.25 ug/l

RT: 2.18 min Scan# 185

Delta R.T. 0.00 min

Lab File: VN049411.D

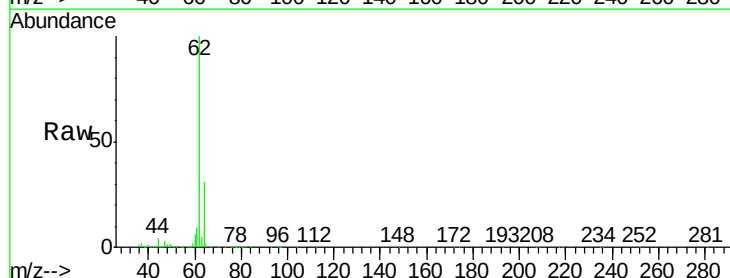
Acq: 20 Jun 2018 3:12

Tgt Ion: 62 Resp: 433342

Ion Ratio Lower Upper

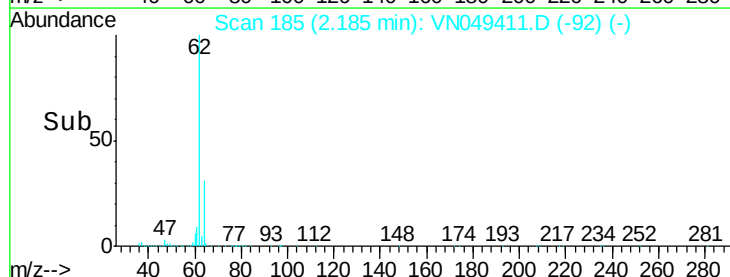
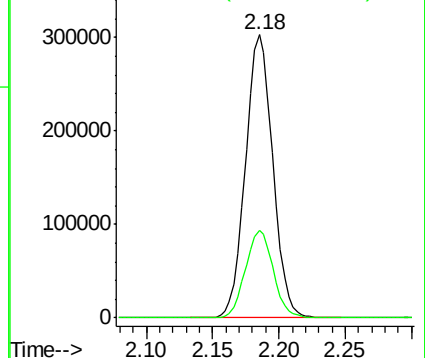
62 100

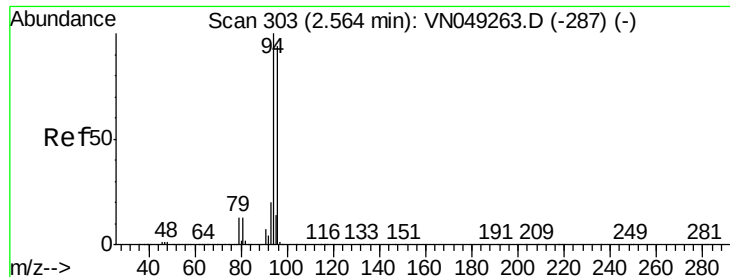
64 31.0 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 19.13 ug/l

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

Instrument :

MSVOA_N

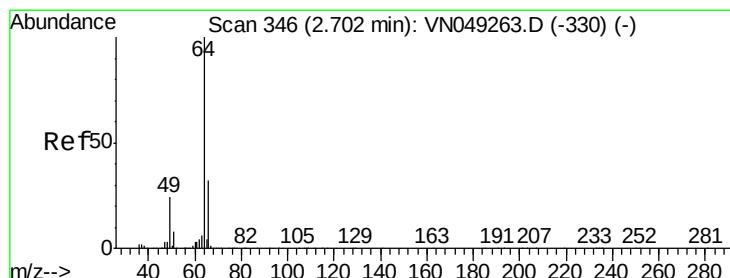
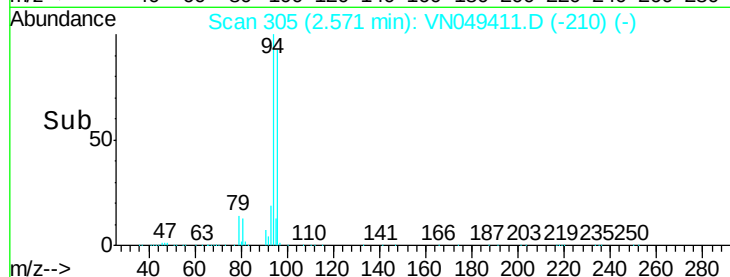
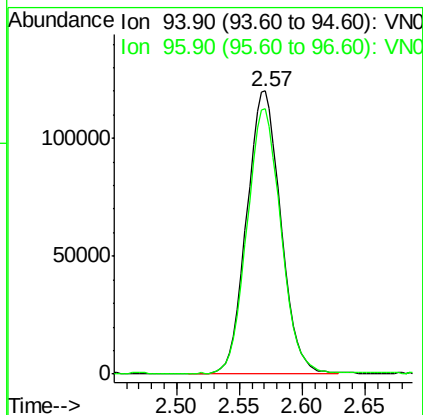
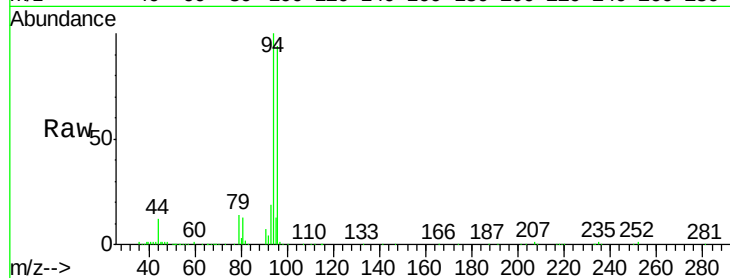
ClientSampleId :

Tot Ion: 94 Resp: 226386

Ion Ratio Lower Upper

94 100

96 93.4 72.8 109.2



#6

Chloroethane

Concen: 19.94 ug/l

RT: 2.71 min Scan# 347

Delta R.T. 0.00 min

Lab File: VN049411.D

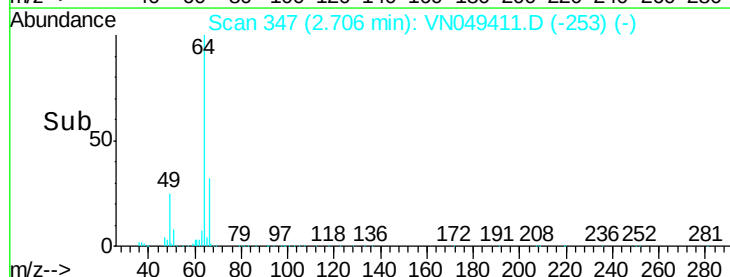
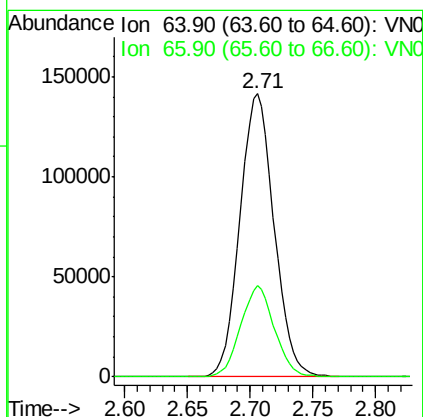
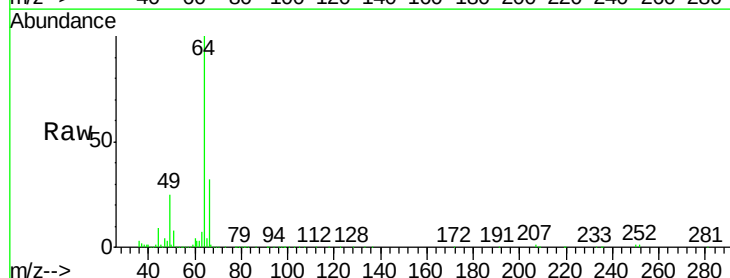
Acq: 20 Jun 2018 3:12

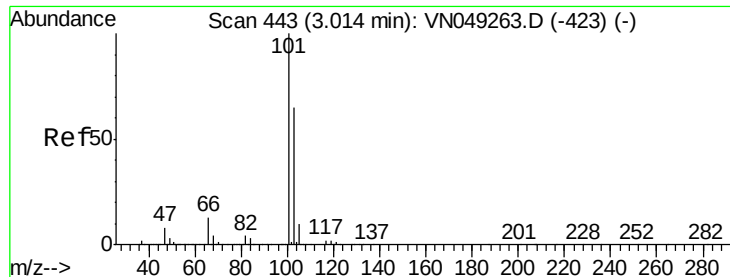
Tgt Ion: 64 Resp: 267687

Ion Ratio Lower Upper

64 100

66 32.1 25.6 38.4





#7

Trichlorofluoromethane

Concen: 19.77 ug/l

RT: 3.02 min Scan# 444

Delta R.T. 0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

Instrument :

MSVOA_N

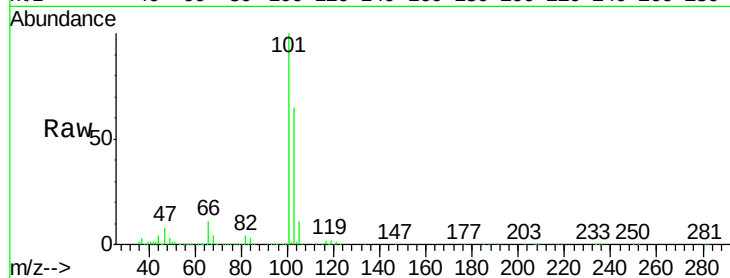
ClientSampleId :

Tot Ion:101 Resp: 555391

Ion Ratio Lower Upper

101 100

103 64.6 51.7 77.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.02

250000

200000

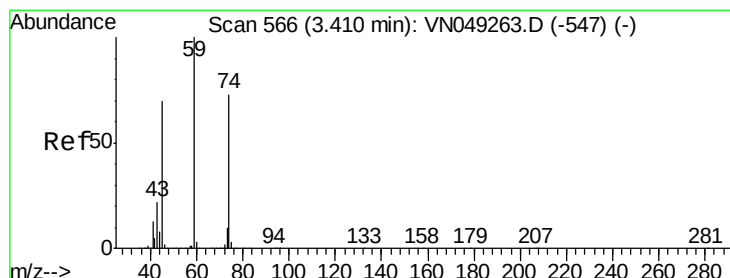
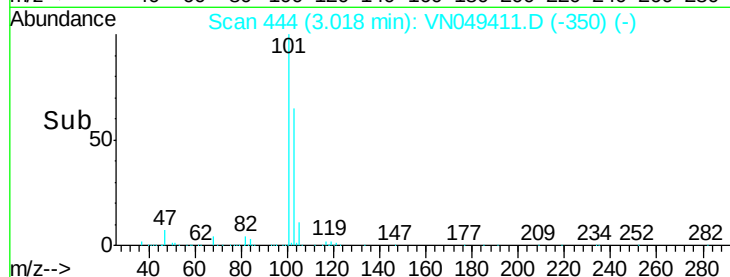
150000

100000

50000

0

Time--> 2.90 3.00 3.10



#8

Diethyl Ether

Concen: 19.30 ug/l

RT: 3.41 min Scan# 566

Delta R.T. 0.00 min

Lab File: VN049411.D

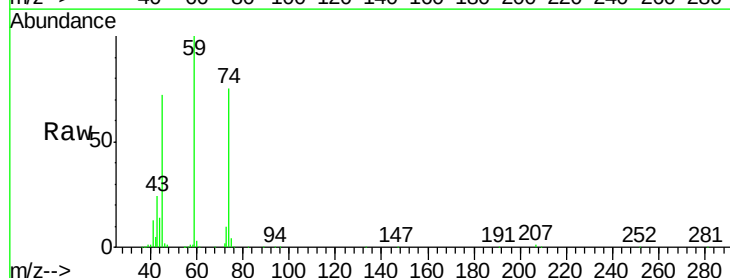
Acq: 20 Jun 2018 3:12

Tgt Ion: 74 Resp: 189237

Ion Ratio Lower Upper

74 100

45 98.3 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): V

Ion 45.00 (44.70 to 45.70): V

100000

80000

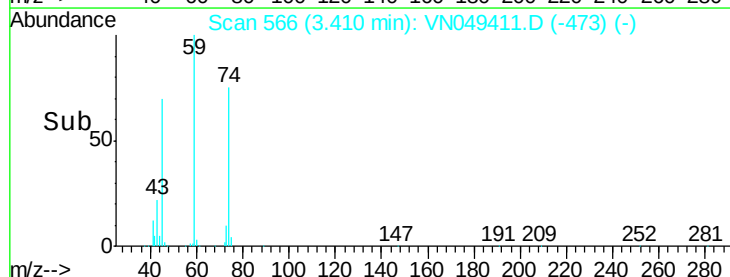
60000

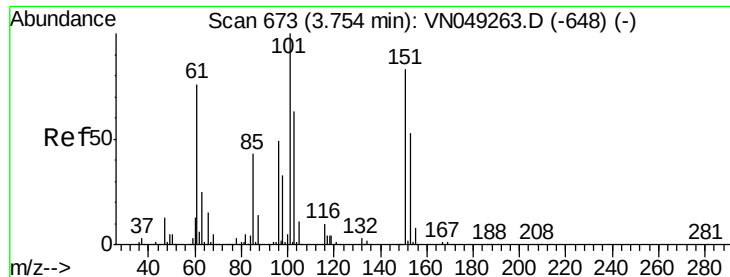
40000

20000

0

Time--> 3.30 3.35 3.40 3.45 3.50





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.34 ug/l

RT: 3.76 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

Instrument :

MSVOA_N

ClientSampleId :

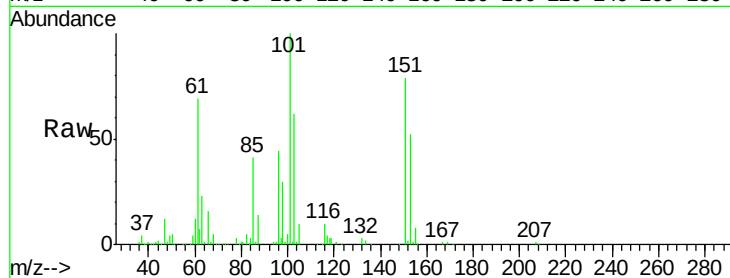
Tot Ion:101 Resp: 344538

Ion Ratio Lower Upper

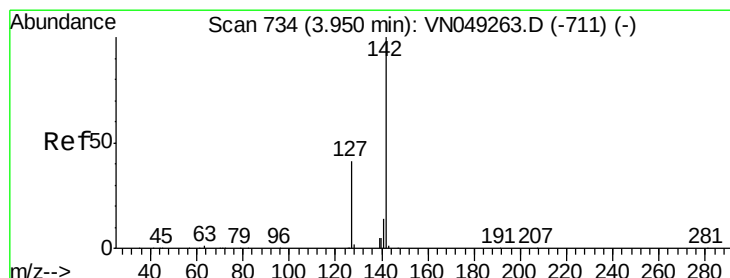
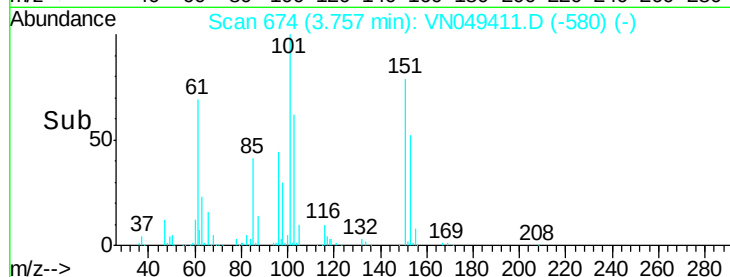
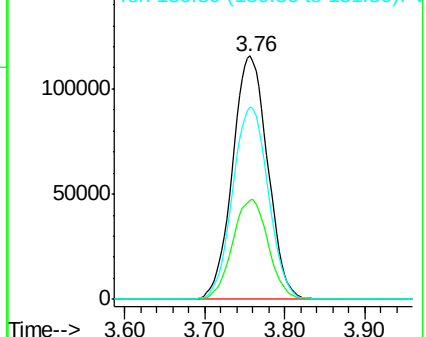
101 100

85 41.6 37.6 56.4

151 80.2 61.1 91.7



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



#10

Methyl Iodide

Concen: 19.48 ug/l

RT: 3.95 min Scan# 734

Delta R.T. 0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

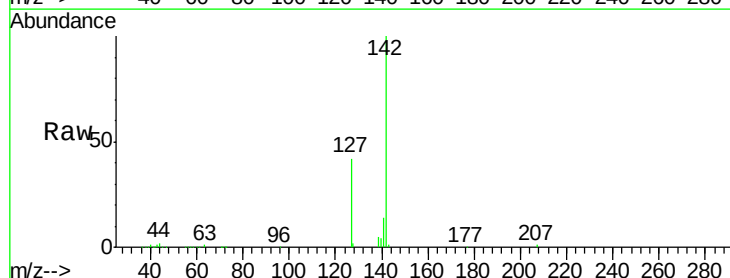
Tgt Ion:142 Resp: 361180

Ion Ratio Lower Upper

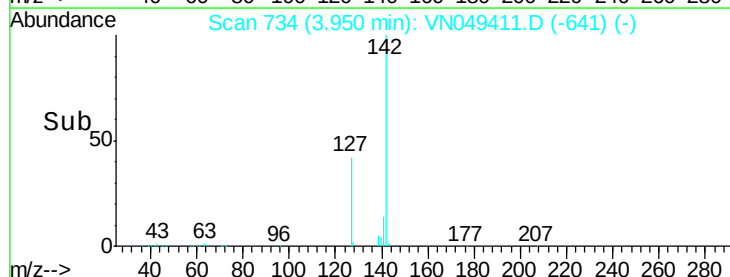
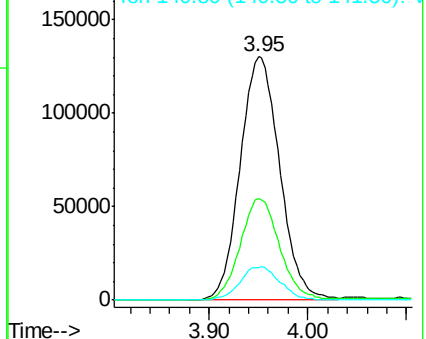
142 100

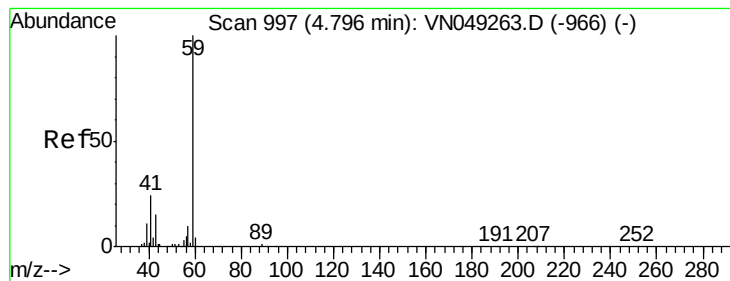
127 41.9 38.2 57.4

141 14.1 11.9 17.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



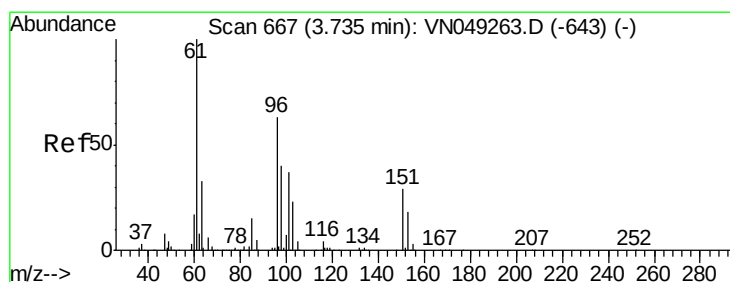
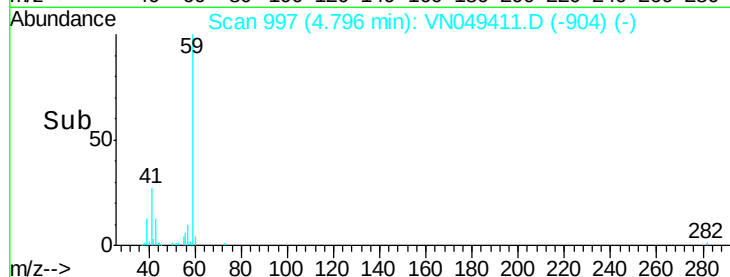
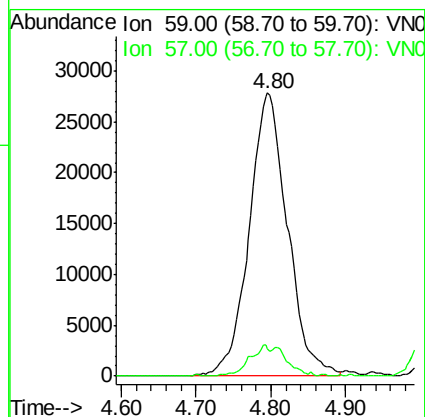
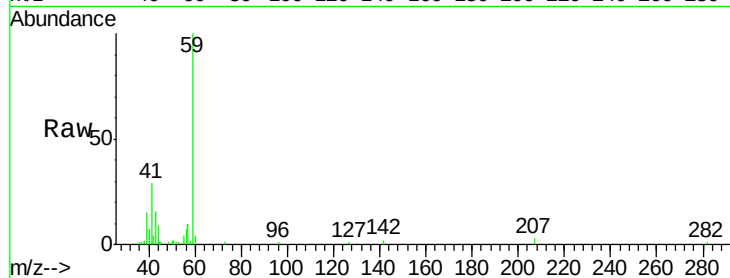


#11

Tert butyl alcohol
 Concen: 89.14 ug/l
 RT: 4.80 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: VN049411.D
 Acq: 20 Jun 2018 3:12

Instrument :
 MSVOA_N
 ClientSampleId :

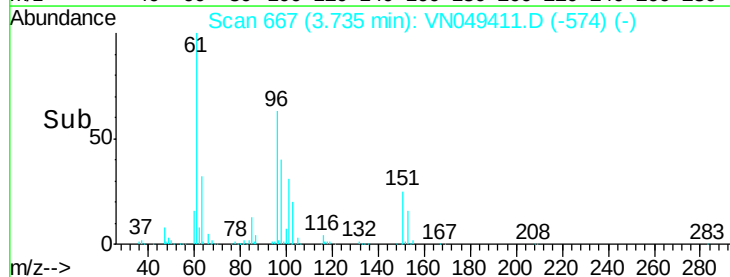
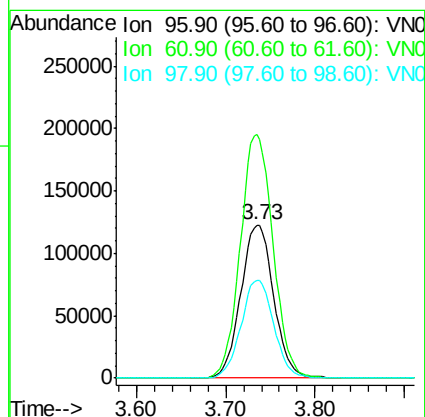
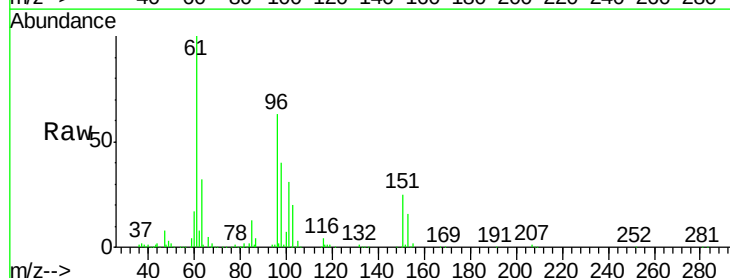
Tot Ion: 59 Resp: 98900
 Ion Ratio Lower Upper
 59 100
 57 5.9 9.0 13.6#

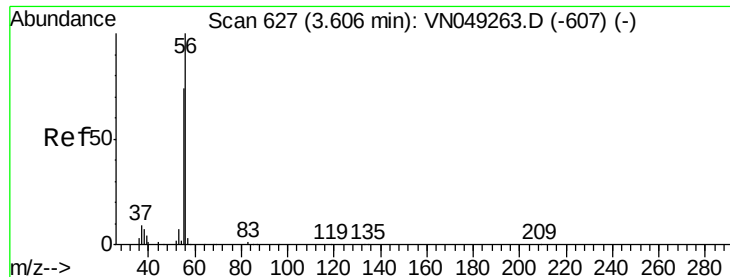


#12

1,1-Dichloroethene
 Concen: 19.30 ug/l
 RT: 3.73 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: VN049411.D
 Acq: 20 Jun 2018 3:12

Tgt Ion: 96 Resp: 315426
 Ion Ratio Lower Upper
 96 100
 61 158.9 141.0 211.4
 98 63.7 50.4 75.6





#13

Acrolein

Concen: 134.84 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

Instrument :

MSVOA_N

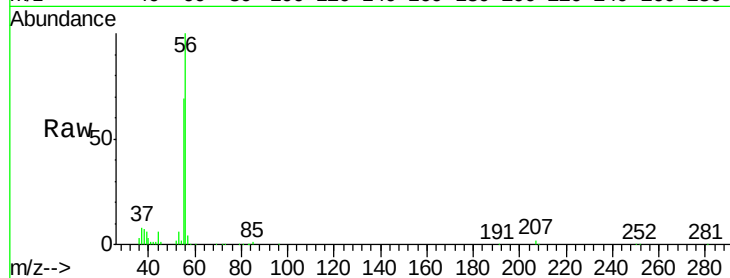
ClientSampleId :

Tot Ion: 56 Resp: 156887

Ion Ratio Lower Upper

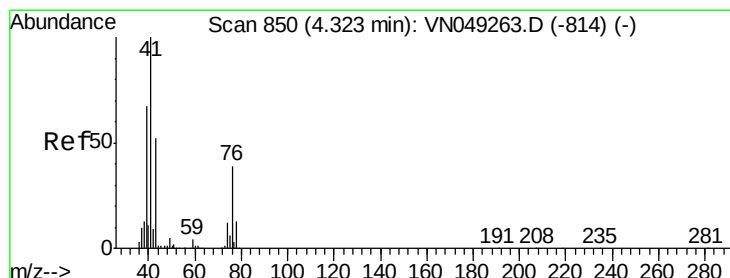
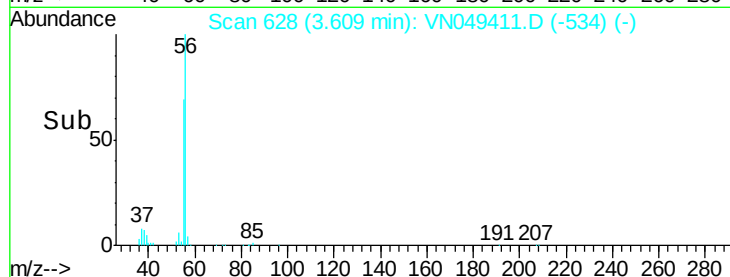
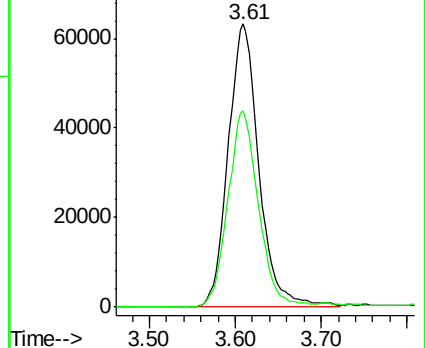
56 100

55 68.1 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 18.33 ug/l

RT: 4.33 min Scan# 851

Delta R.T. 0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

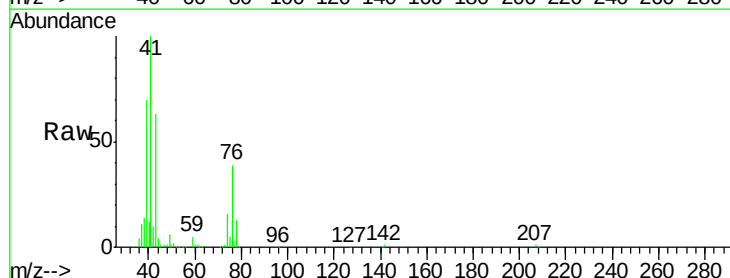
Tgt Ion: 41 Resp: 473037

Ion Ratio Lower Upper

41 100

39 66.1 62.5 93.7

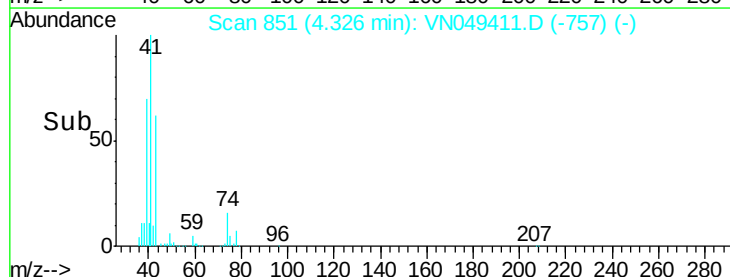
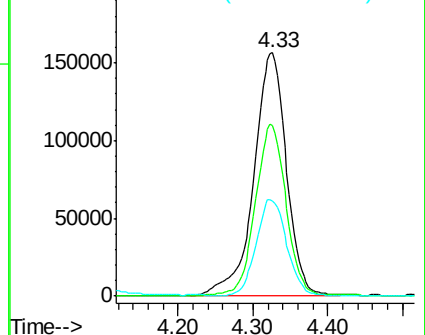
76 36.7 27.1 40.7

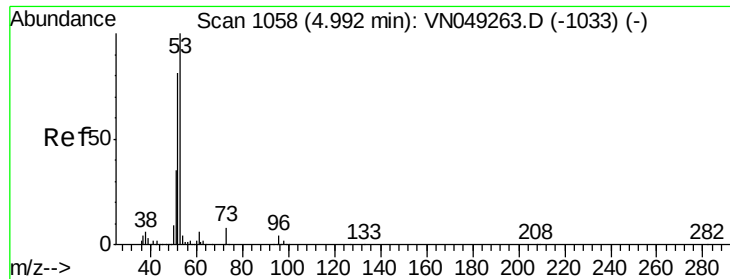


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

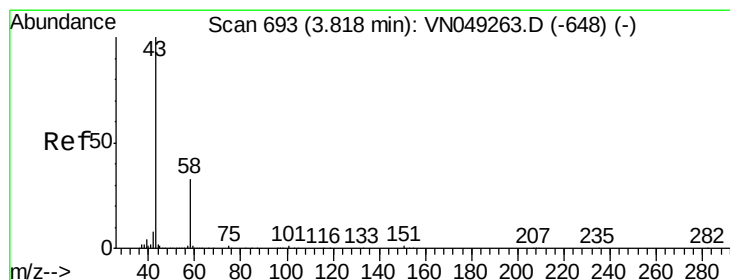
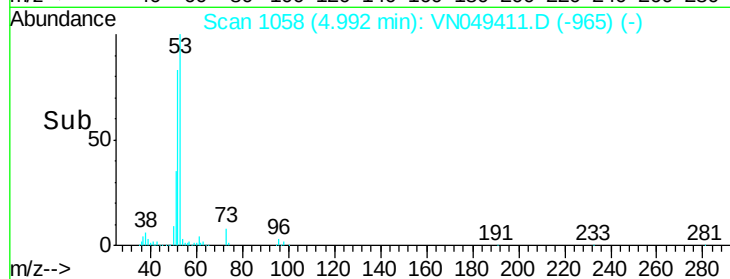
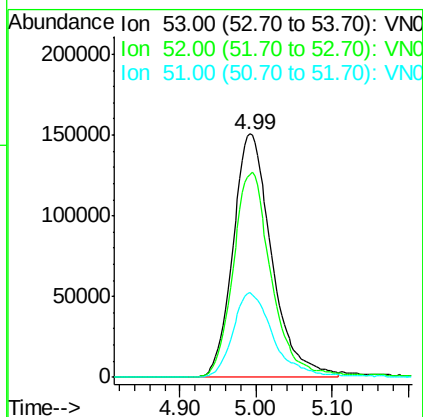
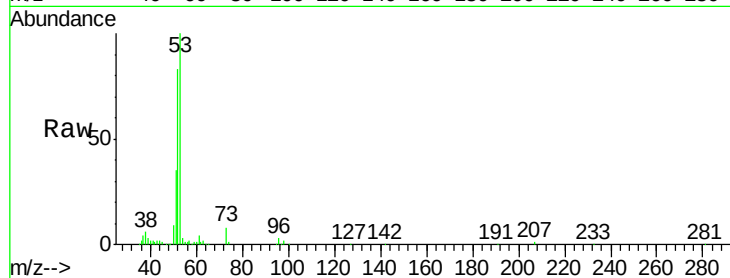




#15
 Acrylonitrile
 Concen: 96.20 ug/l
 RT: 4.99 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: VN049411.D
 Acq: 20 Jun 2018 3:12

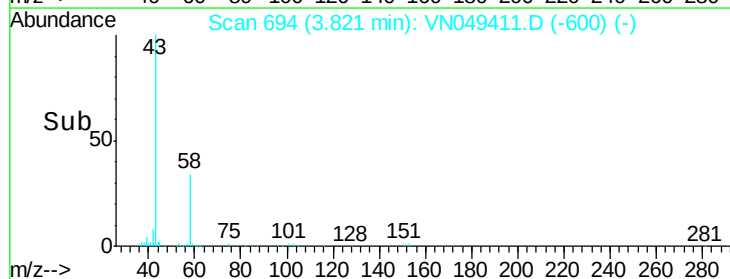
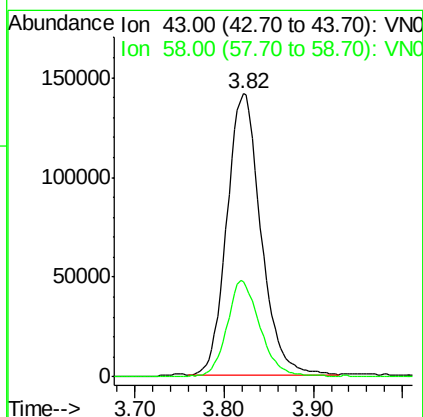
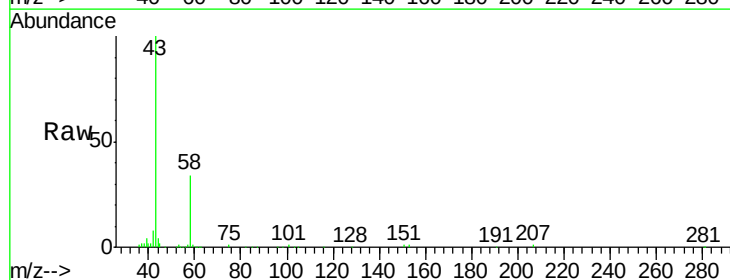
Instrument :
 MSVOA_N
 ClientSampleId :

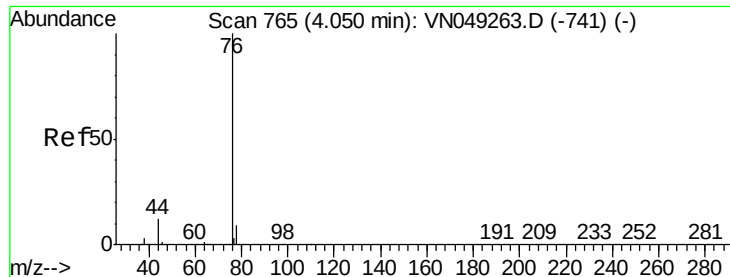
Tot Ion: 53 Resp: 533740
 Ion Ratio Lower Upper
 53 100
 52 83.1 66.6 100.0
 51 36.1 29.8 44.8



#16
 Acetone
 Concen: 80.92 ug/l
 RT: 3.82 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: VN049411.D
 Acq: 20 Jun 2018 3:12

Tgt Ion: 43 Resp: 371428
 Ion Ratio Lower Upper
 43 100
 58 33.7 22.4 33.6#

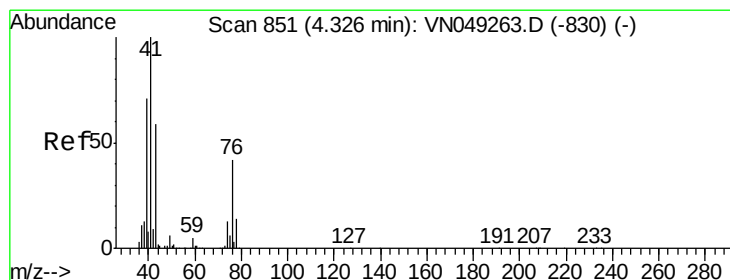
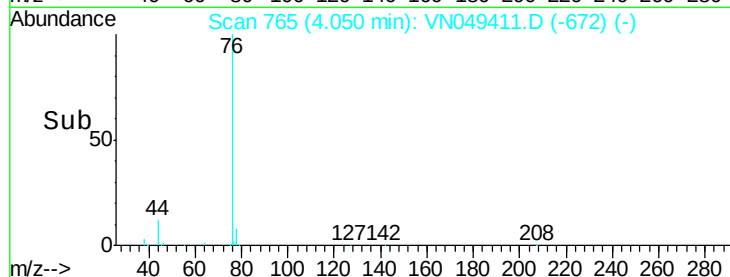
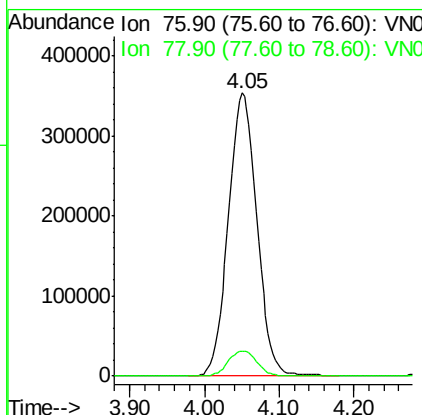
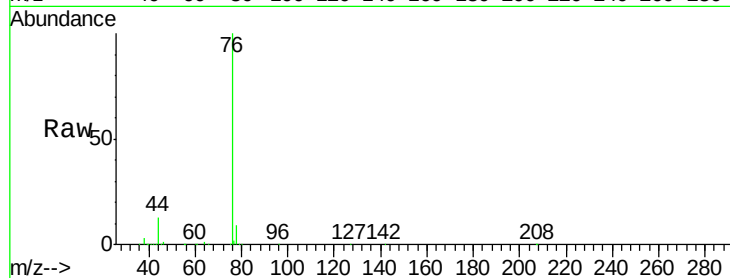




#17
Carbon Disulfide
Concen: 18.36 ug/l
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN049411.D
Acq: 20 Jun 2018 3:12

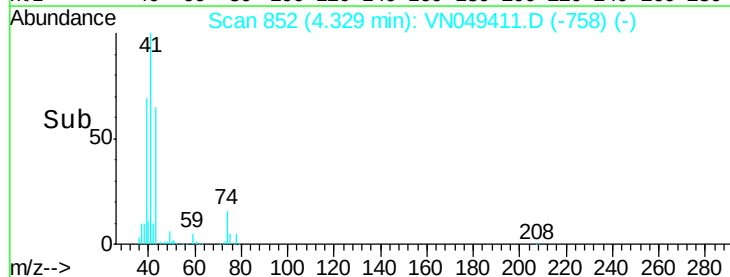
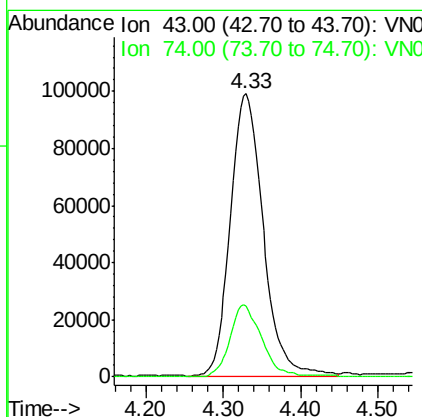
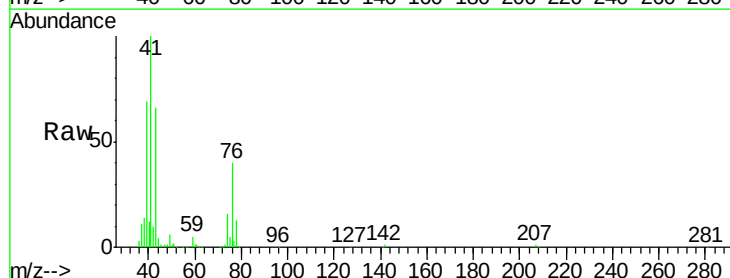
Instrument :
MSVOA_N
ClientSampleId :

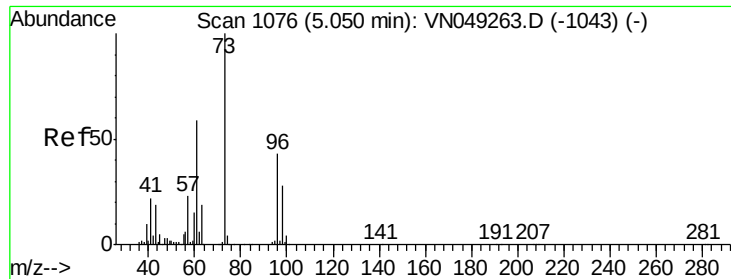
Tot Ion: 76 Resp: 940303
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 20.83 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049411.D
Acq: 20 Jun 2018 3:12

Tgt Ion: 43 Resp: 291590
Ion Ratio Lower Upper
43 100
74 25.0 17.4 26.0

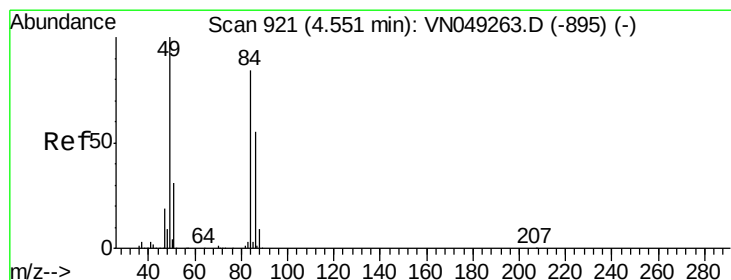
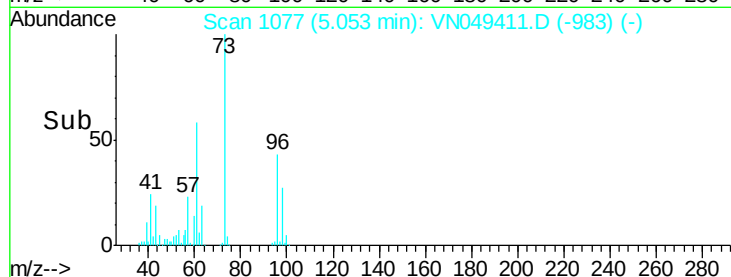
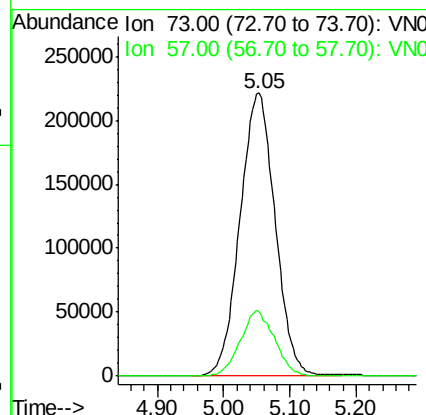
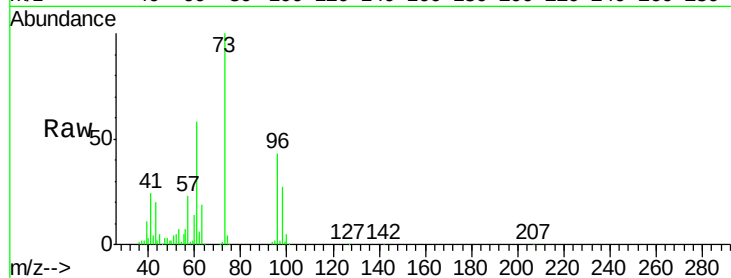




#19
Methyl tert-butyl Ether
Concen: 19.55 ug/l
RT: 5.05 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VN049411.D
Acq: 20 Jun 2018 3:12

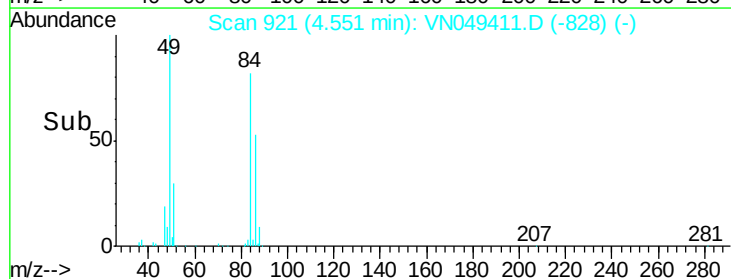
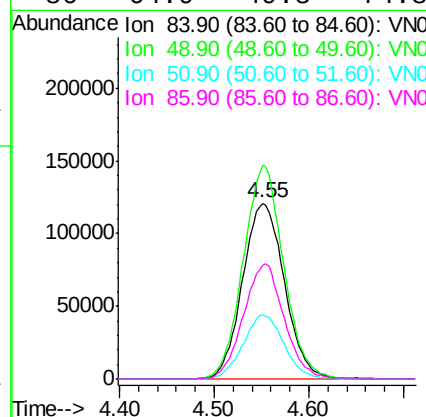
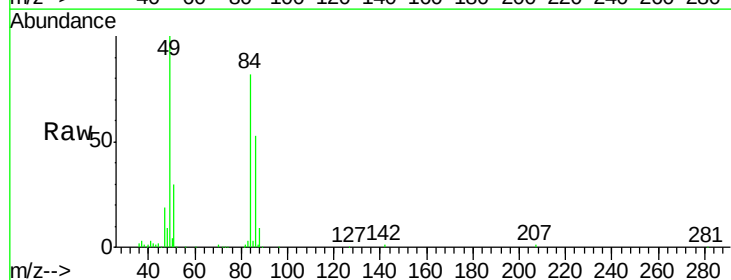
Instrument :
MSVOA_N
ClientSampleId :

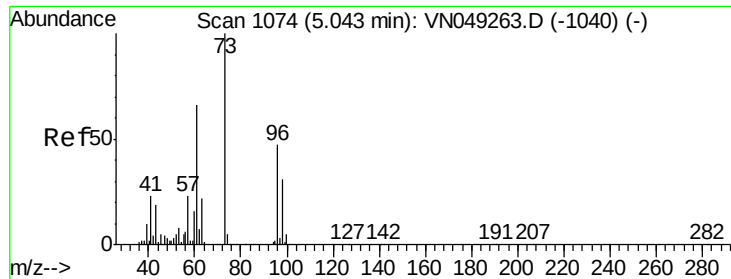
Tot Ion: 73 Resp: 814381
Ion Ratio Lower Upper
73 100
57 22.7 18.2 27.4



#20
Methylene Chloride
Concen: 19.32 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049411.D
Acq: 20 Jun 2018 3:12

Tgt Ion: 84 Resp: 370384
Ion Ratio Lower Upper
84 100
49 121.6 106.9 160.3
51 36.8 32.7 49.1
86 64.9 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 19.25 ug/l

RT: 5.05 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

Instrument :

MSVOA_N

ClientSampled :

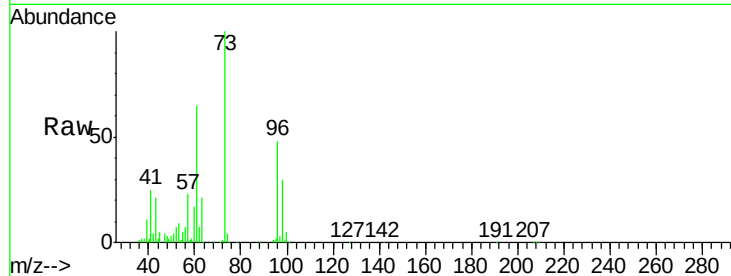
Tot Ion: 96 Resp: 332987

Ion Ratio Lower Upper

96 100

61 136.3 121.3 181.9

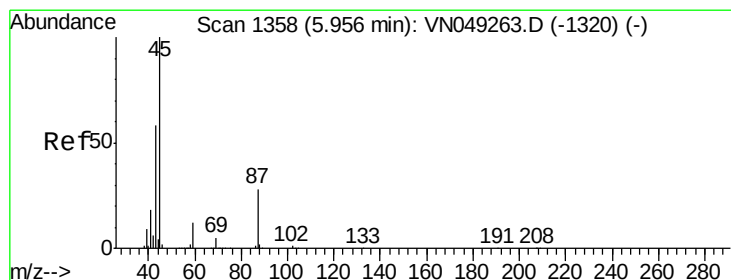
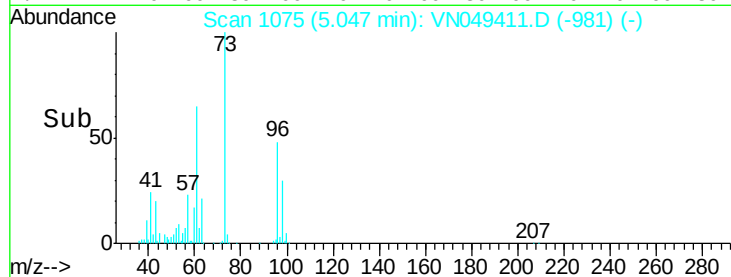
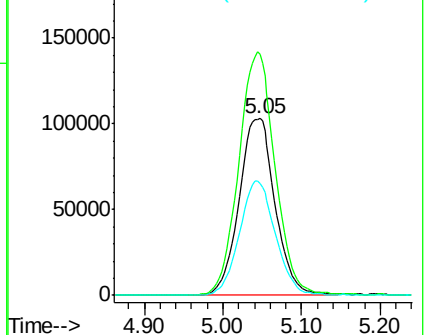
98 63.4 52.0 78.0



Abundance Ion 95.90 (95.60 to 96.60): VN049411.D (-981) (-)

Ion 60.90 (60.60 to 61.60): VN049411.D (-981) (-)

Ion 97.90 (97.60 to 98.60): VN049411.D (-981) (-)



#22

Diisopropyl ether

Concen: 20.24 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

Tgt Ion: 45 Resp: 1042817

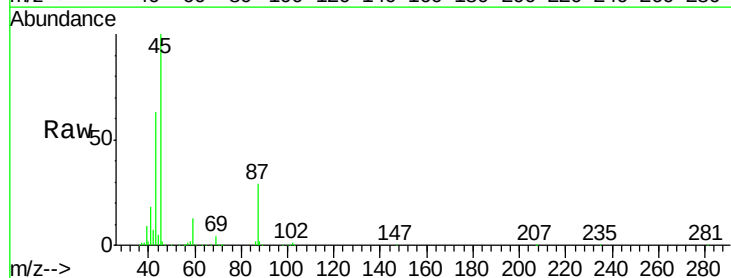
Ion Ratio Lower Upper

45 100

43 62.4 48.6 72.8

87 28.2 20.2 30.2

59 12.4 9.0 13.4

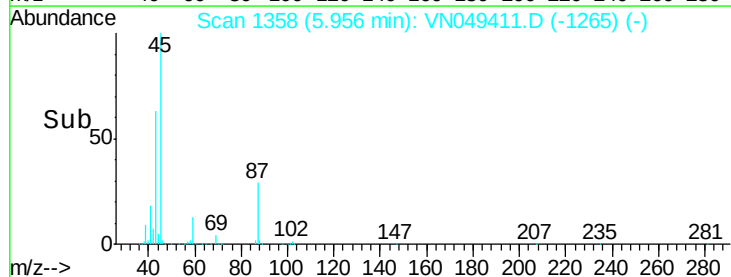
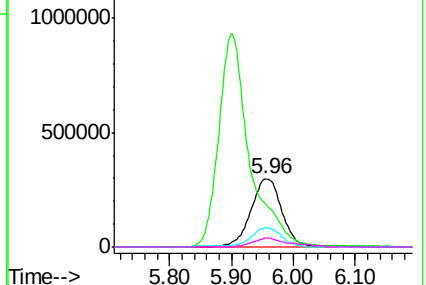


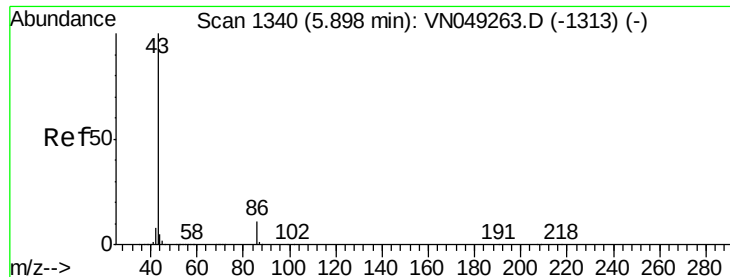
Abundance Ion 45.00 (44.70 to 45.70): VN049411.D (-1265) (-)

Ion 43.00 (42.70 to 43.70): VN049411.D (-1265) (-)

Ion 87.00 (86.70 to 87.70): VN049411.D (-1265) (-)

Ion 59.00 (58.70 to 59.70): VN049411.D (-1265) (-)





#23

Vinyl Acetate

Concen: 96.42 ug/l

RT: 5.90 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

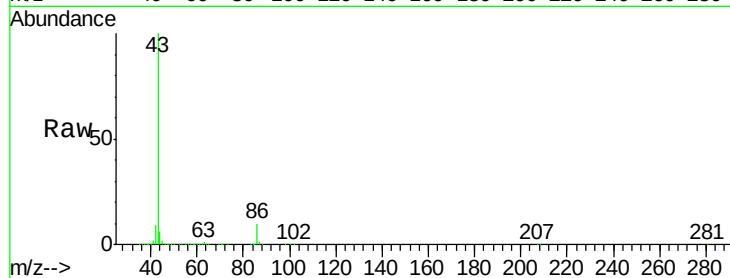
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 3238823

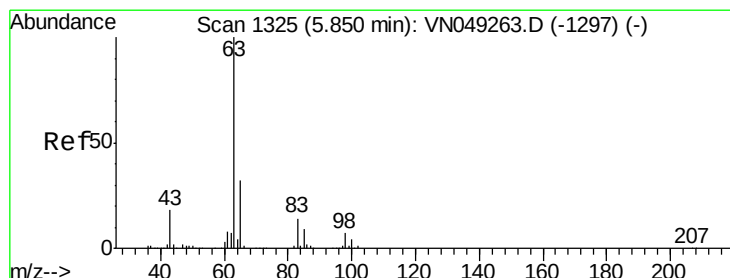
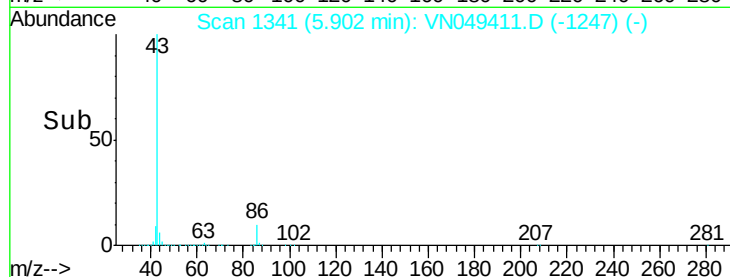
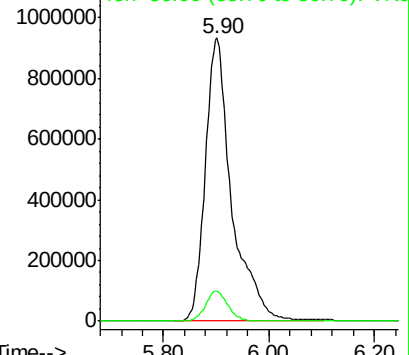
Ion Ratio Lower Upper

43 100

86 10.4 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN049411.D (-1247) (-)



#24

1,1-Dichloroethane

Concen: 19.35 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

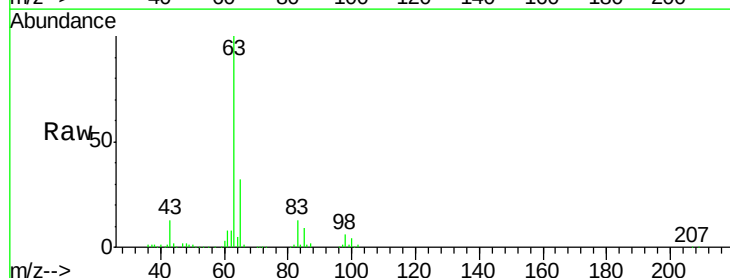
Tgt Ion: 63 Resp: 638301

Ion Ratio Lower Upper

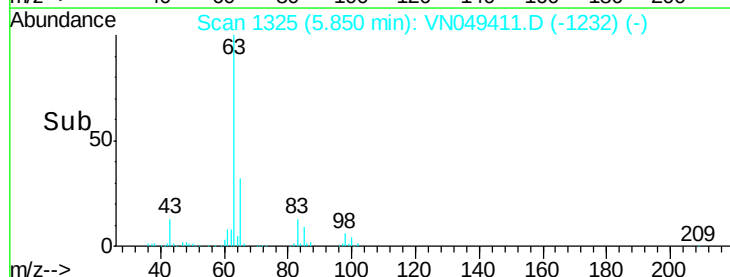
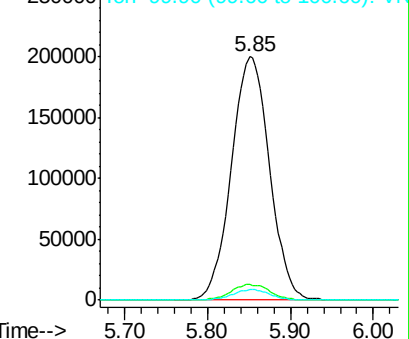
63 100

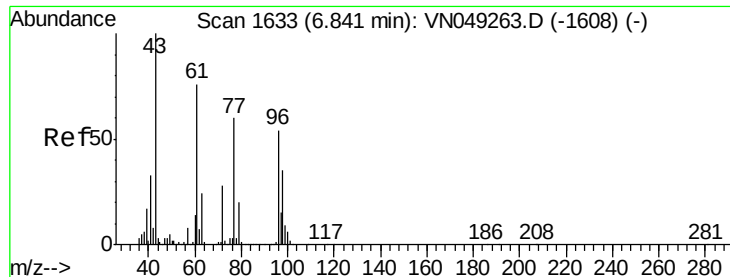
98 6.5 2.9 8.8

100 4.2 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN049411.D (-1232) (-)





#25

2-Butanone

Concen: 89.66 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

Instrument :

MSVOA_N

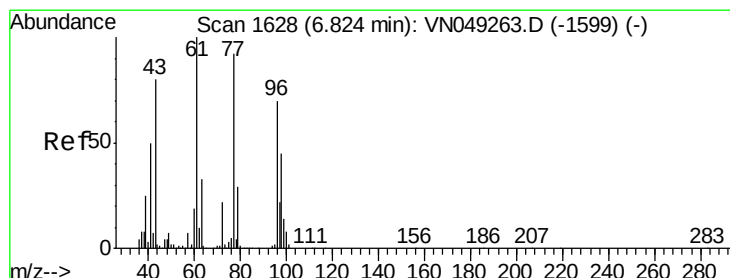
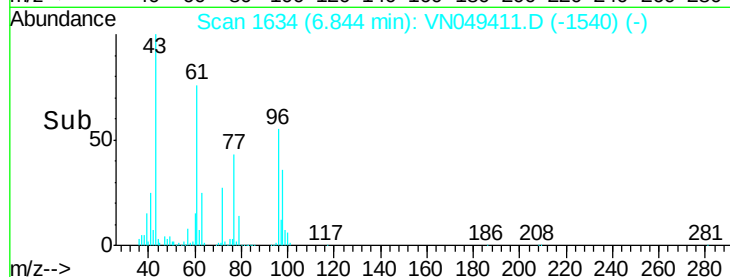
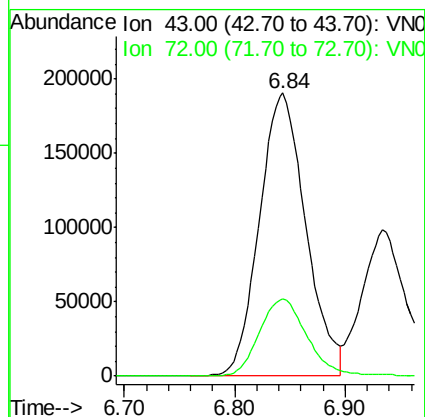
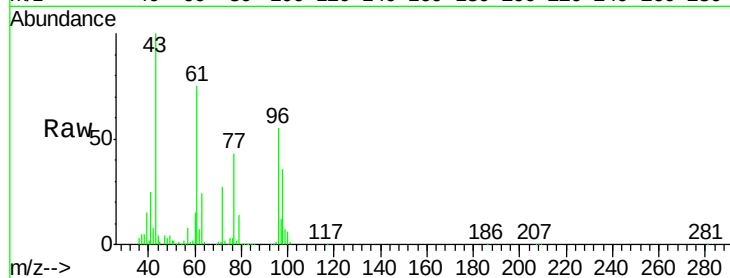
ClientSampled :

Tot Ion: 43 Resp: 552616

Ion Ratio Lower Upper

43 100

72 27.4 20.2 30.2



#26

2,2-Dichloropropane

Concen: 13.63 ug/l

RT: 6.82 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN049411.D

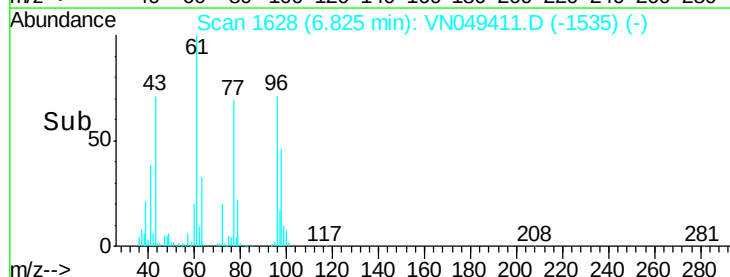
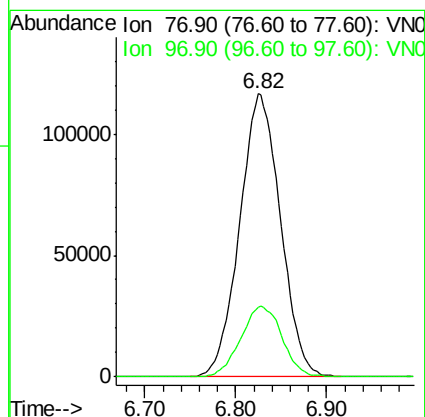
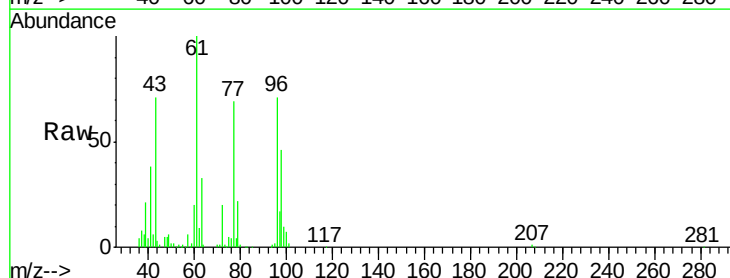
Acq: 20 Jun 2018 3:12

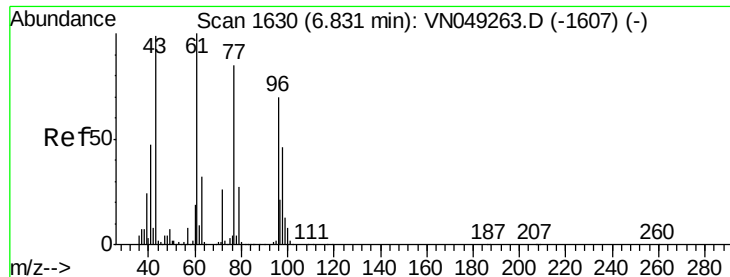
Tgt Ion: 77 Resp: 362964

Ion Ratio Lower Upper

77 100

97 25.3 11.0 33.0





#27

cis-1,2-Dichloroethene

Concen: 19.39 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

Instrument :
MSVOA_N
ClientSampleId :

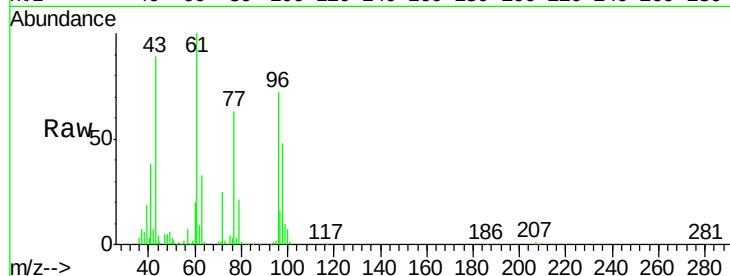
Tot Ion: 96 Resp: 373044

Ion Ratio Lower Upper

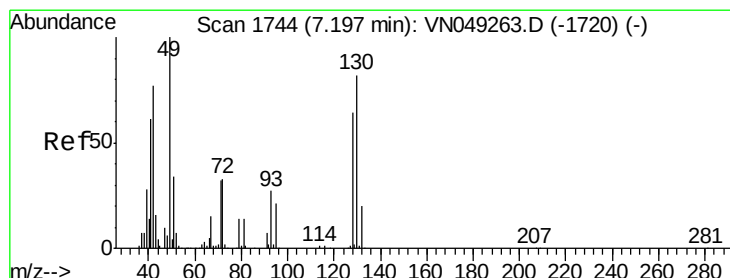
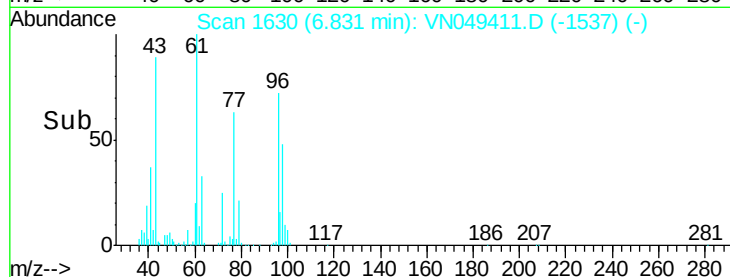
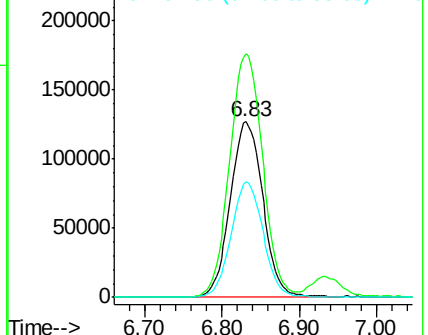
96 100

61 140.3 0.0 316.4

98 64.3 0.0 128.4



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



#28

Bromochloromethane

Concen: 18.73 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

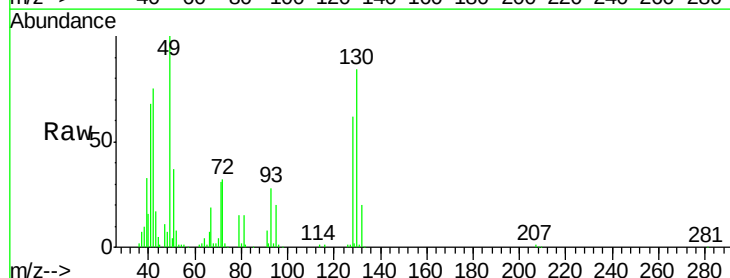
Tgt Ion: 49 Resp: 273937

Ion Ratio Lower Upper

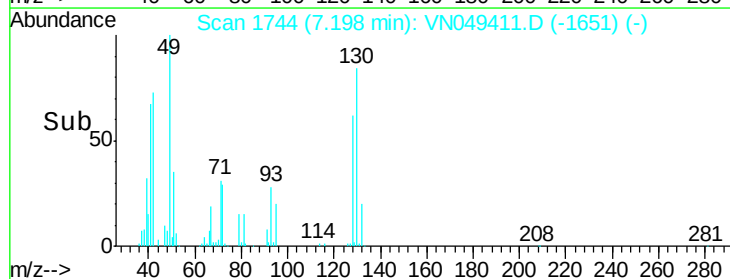
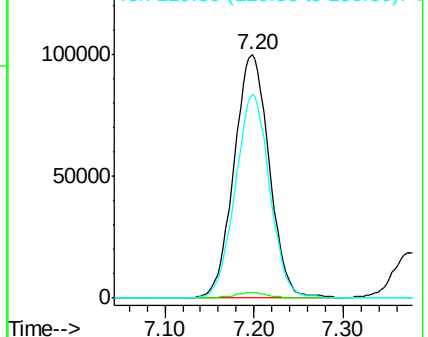
49 100

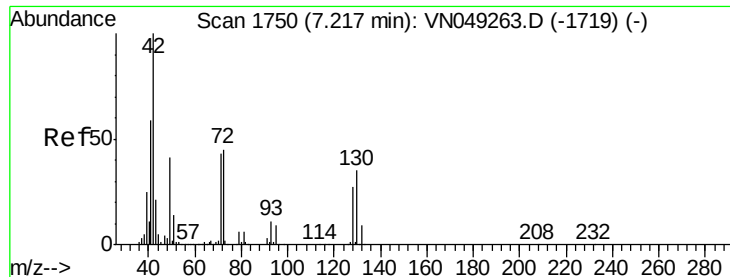
129 2.1 0.0 3.8

130 82.1 54.9 82.3



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





#29

Tetrahydrofuran

Concen: 96.13 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

Instrument :
MSVOA_N
ClientSampled :

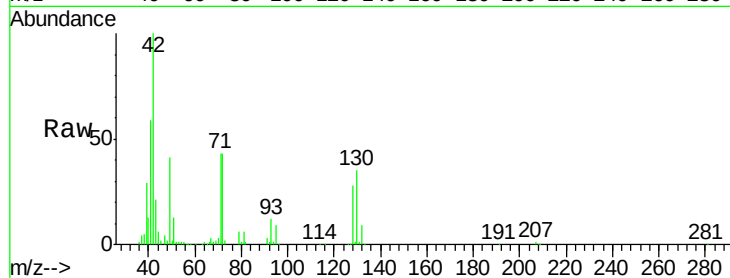
Tot Ion: 42 Resp: 381395

Ion Ratio Lower Upper

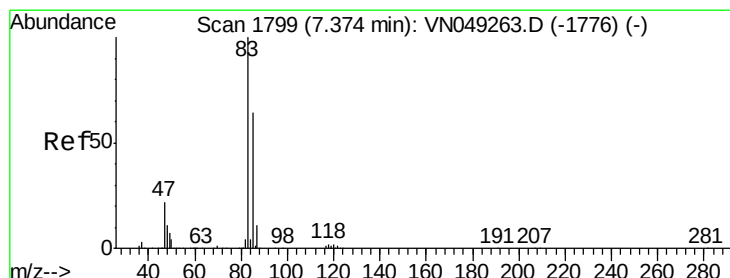
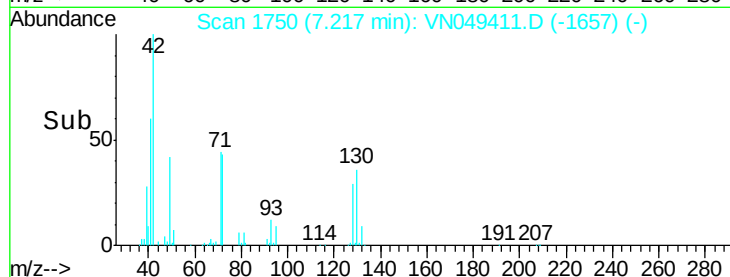
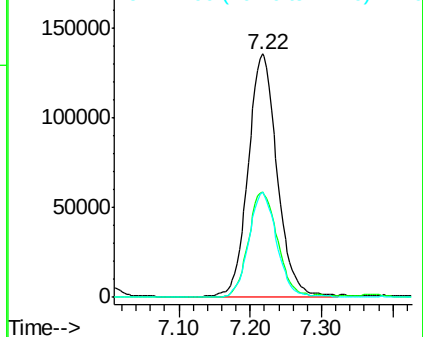
42 100

72 43.6 32.2 48.4

71 41.7 30.5 45.7



Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 19.69 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN049411.D

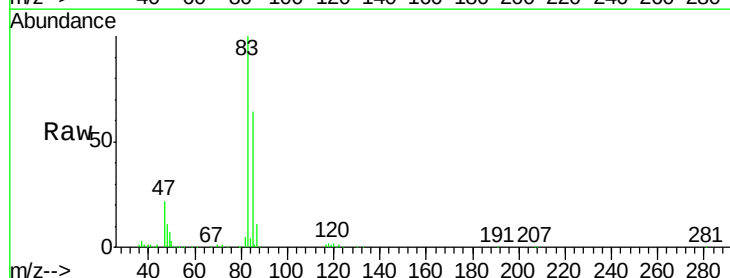
Acq: 20 Jun 2018 3:12

Tgt Ion: 83 Resp: 646119

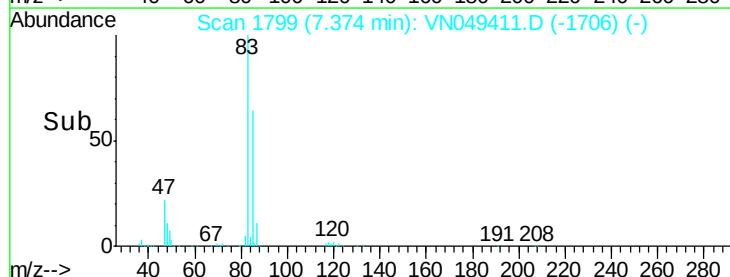
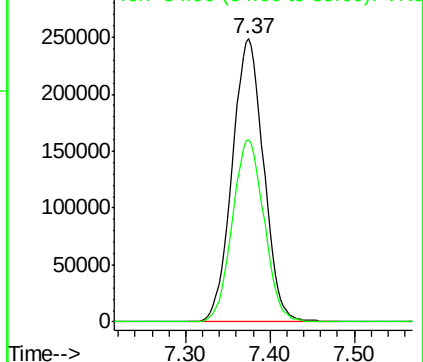
Ion Ratio Lower Upper

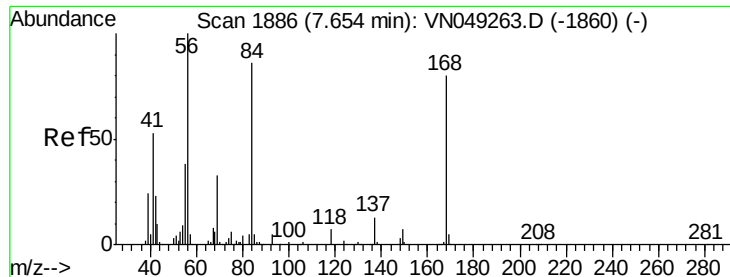
83 100

85 64.4 51.7 77.5



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

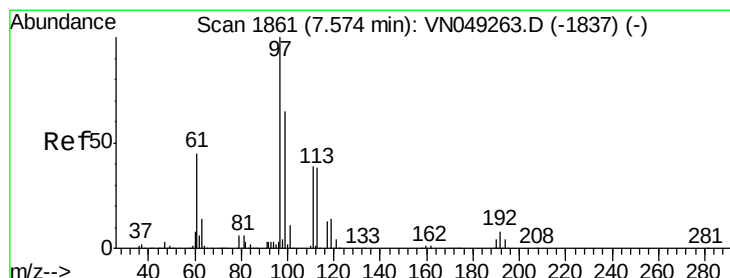
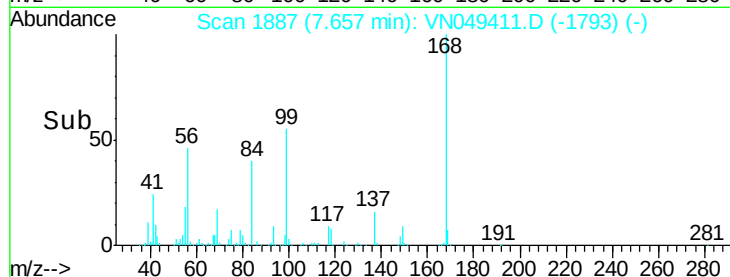
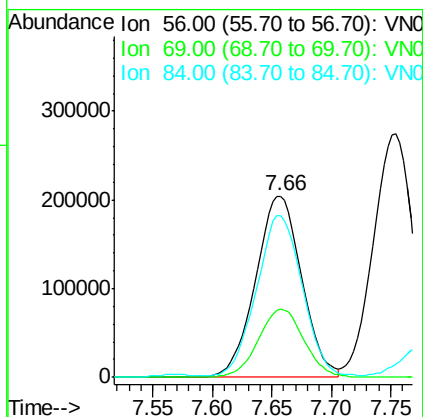
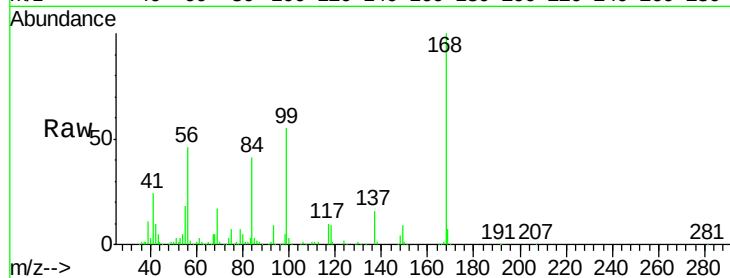




#31
Cyclohexane
Concen: 19.45 ug/l
RT: 7.66 min Scan# 1887
Delta R.T. 0.00 min
Lab File: VN049411.D
Acq: 20 Jun 2018 3:12

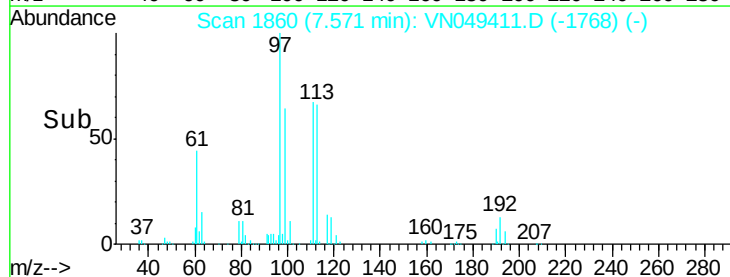
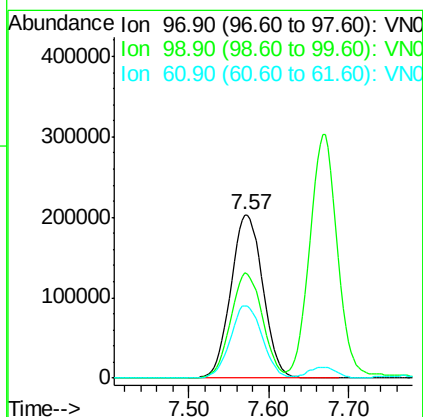
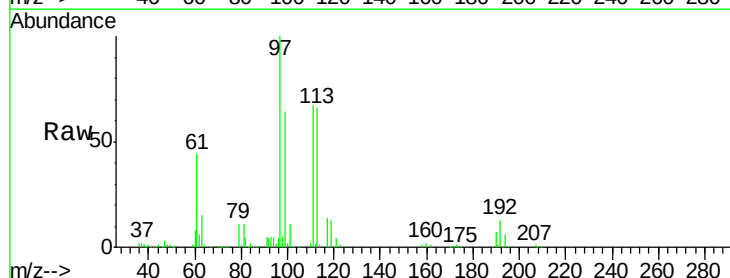
Instrument :
MSVOA_N
ClientSampled :

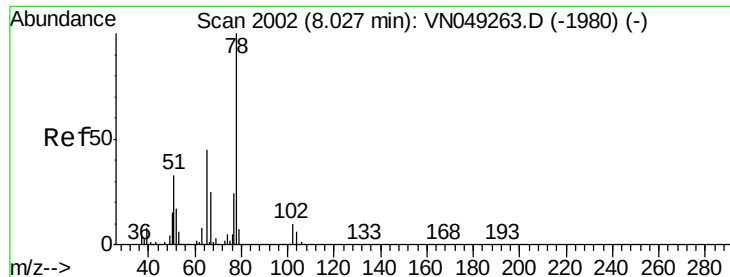
Tot Ion: 56 Resp: 546833
Ion Ratio Lower Upper
56 100
69 37.4 25.0 37.4
84 88.3 64.6 96.8



#32
1,1,1-Trichloroethane
Concen: 19.75 ug/l
RT: 7.57 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VN049411.D
Acq: 20 Jun 2018 3:12

Tgt Ion: 97 Resp: 553018
Ion Ratio Lower Upper
97 100
99 63.7 50.5 75.7
61 44.2 37.9 56.9





#33

1,2-Dichloroethane-d4

Concen: 47.42 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

Instrument :

MSVOA_N

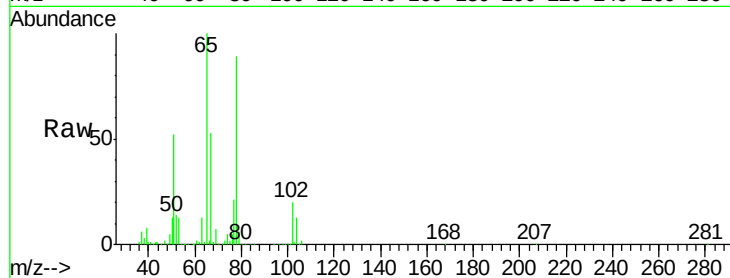
ClientSampleId :

Tot Ion: 65 Resp: 896392

Ion Ratio Lower Upper

65 100

67 53.6 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049411.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN049411.D (-1909) (-)

8.03

400000

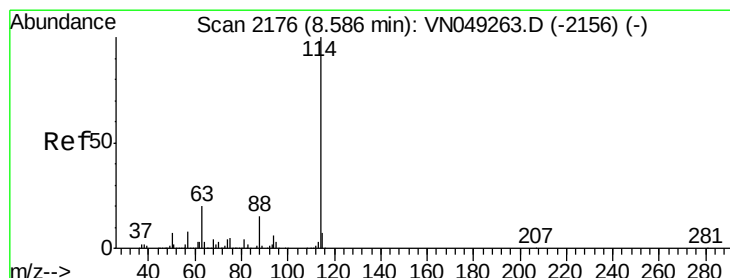
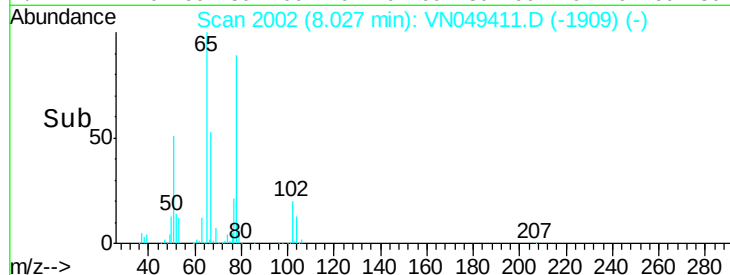
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

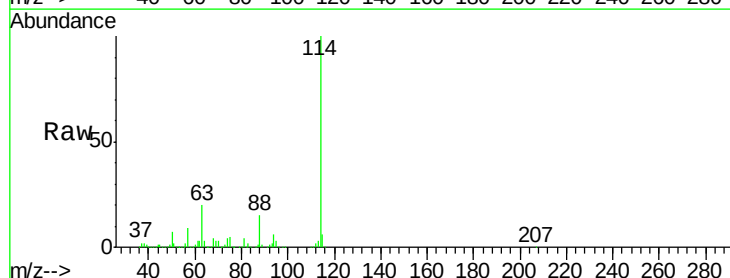
Tgt Ion: 114 Resp: 2183184

Ion Ratio Lower Upper

114 100

63 19.9 0.0 44.4

88 15.2 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN049411.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN049411.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN049411.D (-2083) (-)

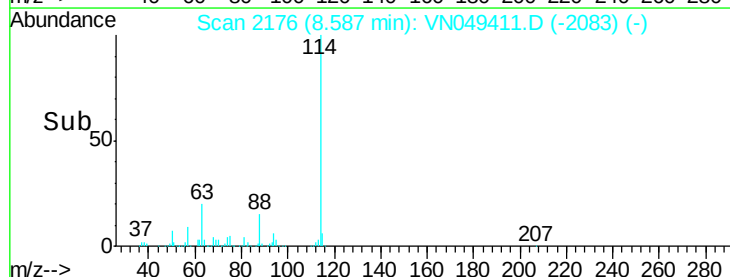
8.59

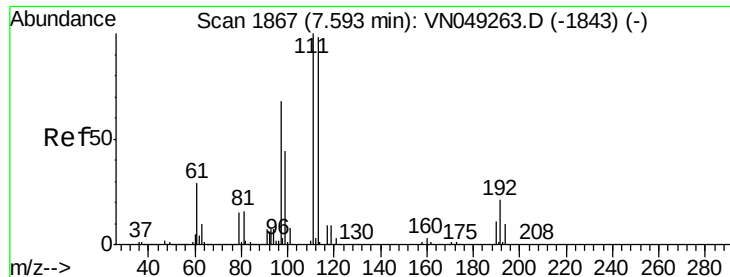
1000000

500000

0

Time-->

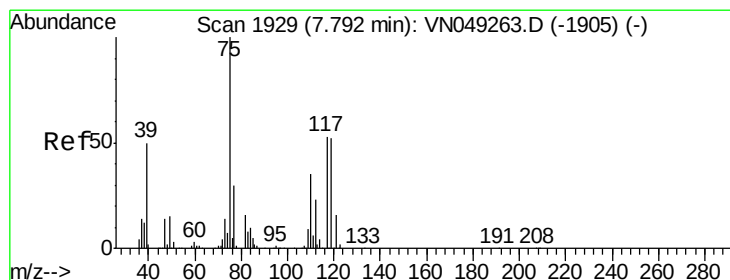
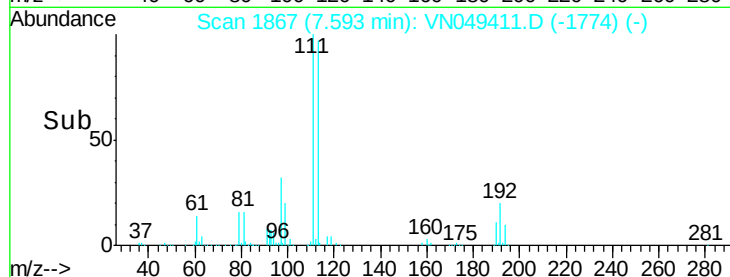
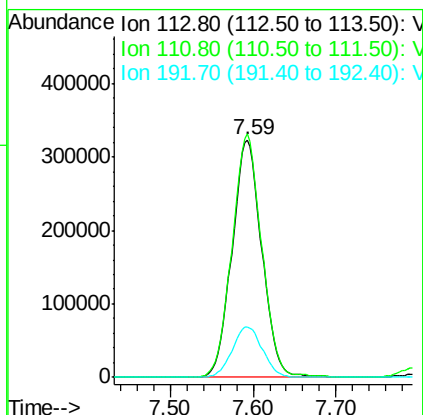
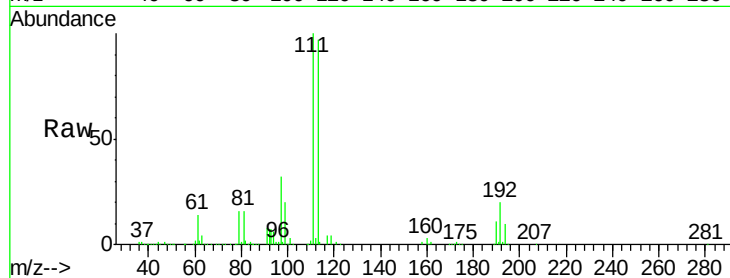




#35
 Dibromofluoromethane
 Concen: 45.72 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049411.D
 Acq: 20 Jun 2018 3:12

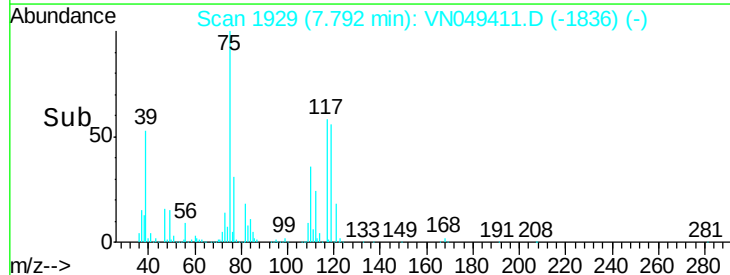
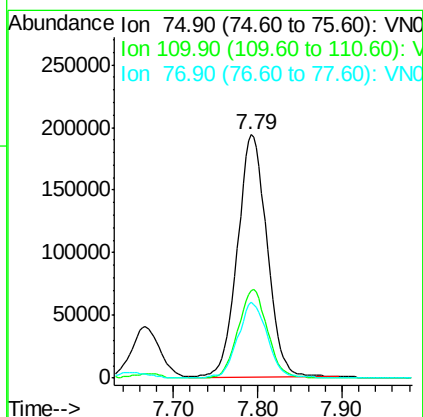
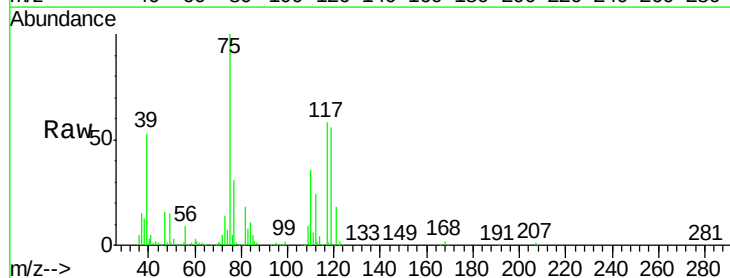
Instrument :
 MSVOA_N
 ClientSampleId :

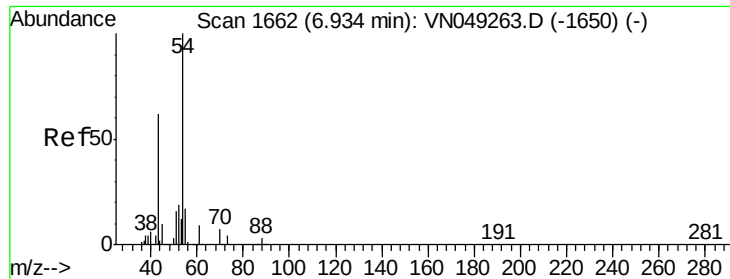
Tot Ion:113 Resp: 807563
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.4 123.6
 192 21.7 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 18.92 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: VN049411.D
 Acq: 20 Jun 2018 3:12

Tgt Ion: 75 Resp: 473483
 Ion Ratio Lower Upper
 75 100
 110 36.2 17.0 50.9
 77 30.9 24.4 36.6

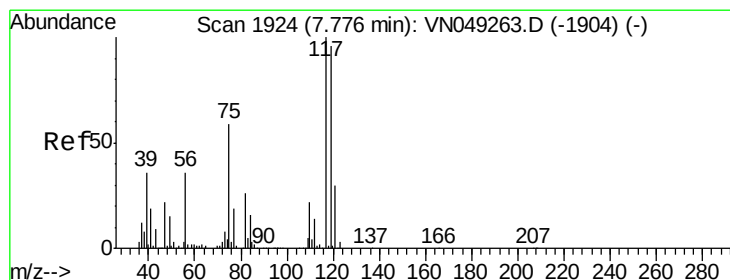
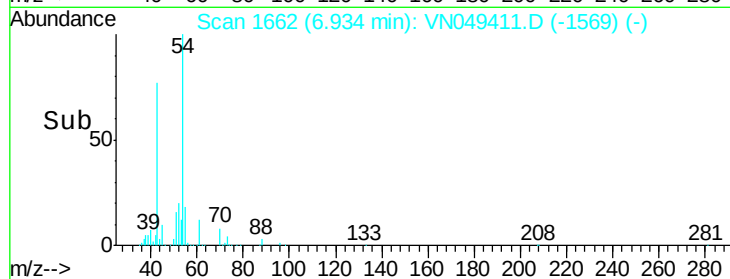
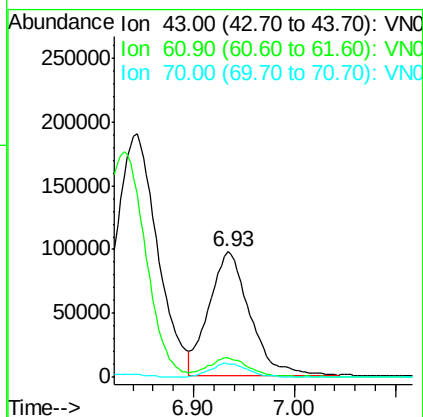
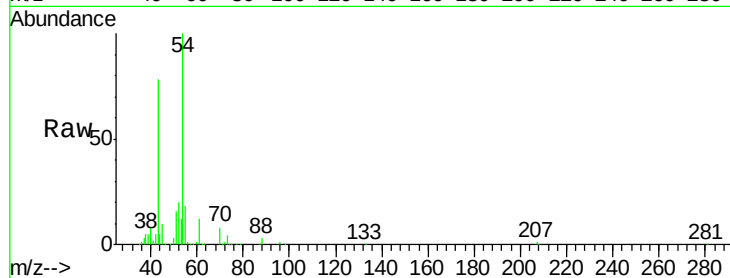




#37
Ethyl Acetate
Concen: 20.11 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN049411.D
Acq: 20 Jun 2018 3:12

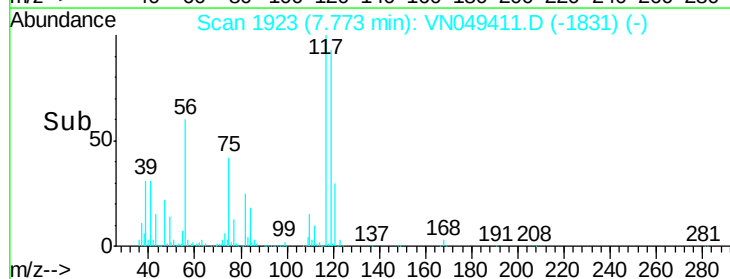
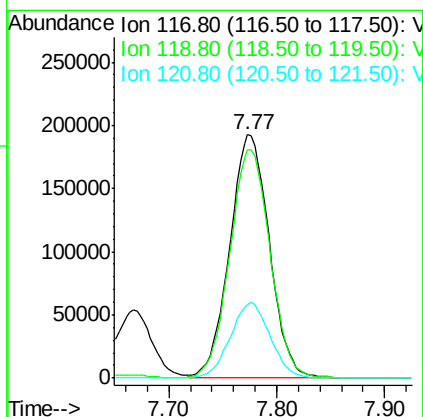
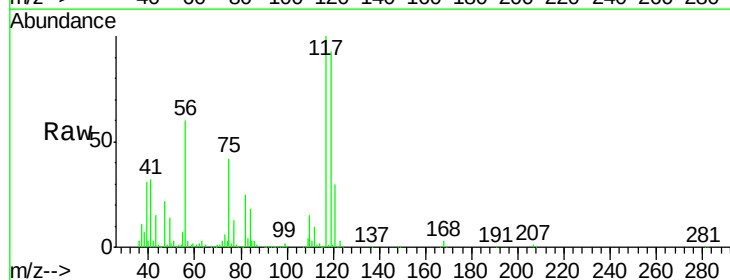
Instrument :
MSVOA_N
ClientSampled :

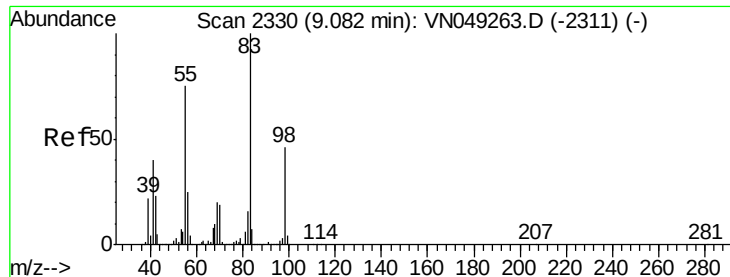
Tot Ion: 43 Resp: 273600
Ion Ratio Lower Upper
43 100
61 14.3 11.0 16.4
70 10.1 7.2 10.8



#38
Carbon Tetrachloride
Concen: 18.89 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN049411.D
Acq: 20 Jun 2018 3:12

Tgt Ion: 117 Resp: 489441
Ion Ratio Lower Upper
117 100
119 93.5 75.6 113.4
121 30.3 24.7 37.1

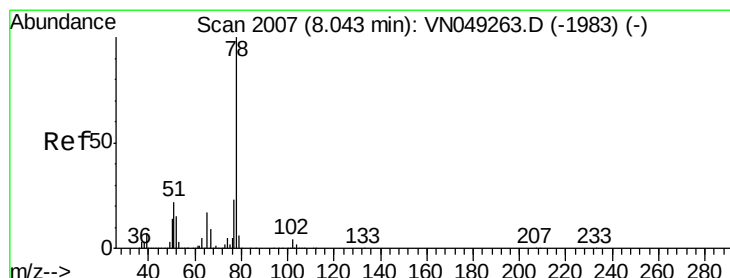
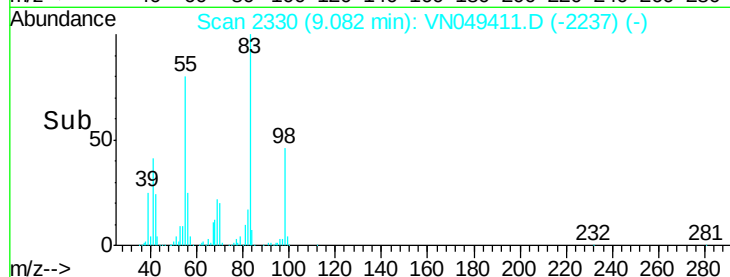
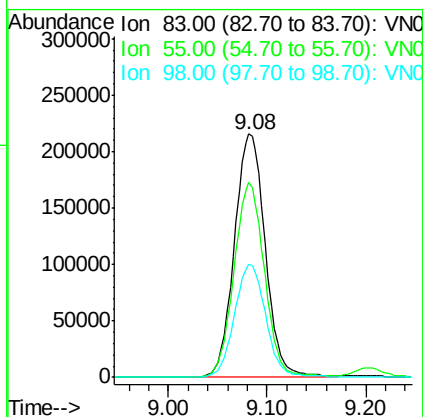
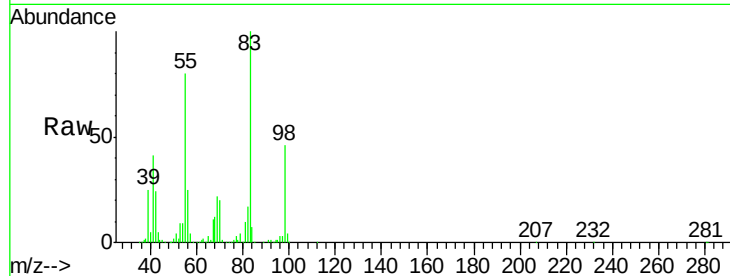




#39
Methylvlcyclohexane
Concen: 17.49 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049411.D
Acq: 20 Jun 2018 3:12

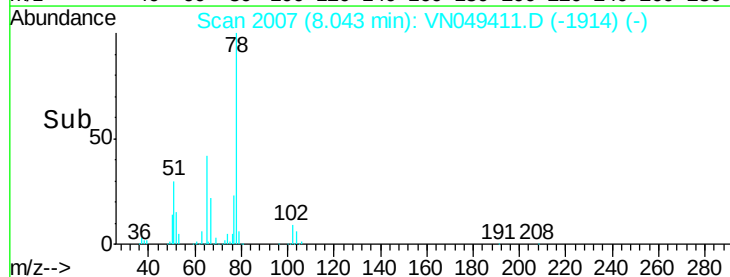
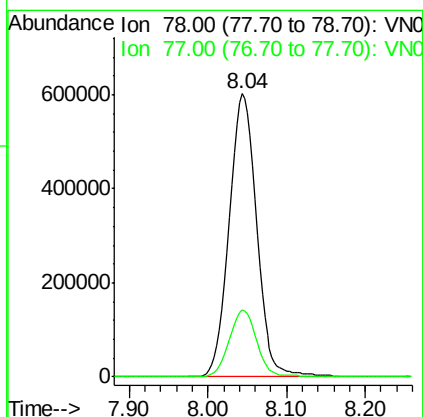
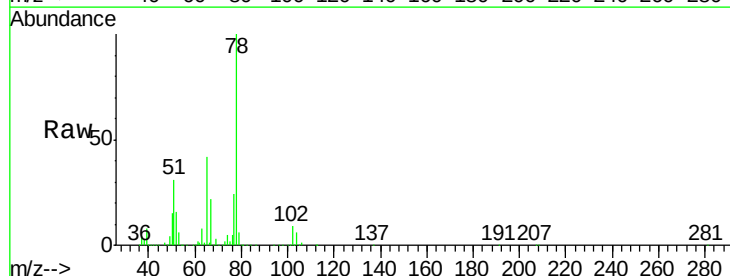
Instrument :
MSVOA_N
ClientSampled :

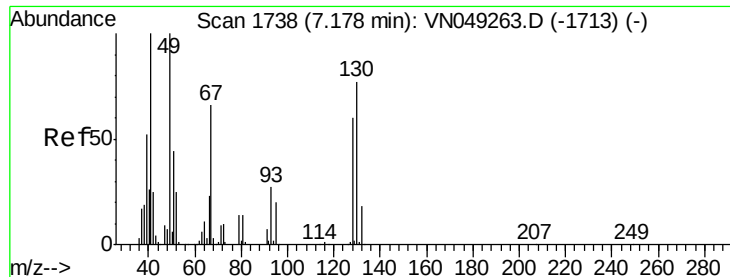
Tot Ion: 83 Resp: 469834
Ion Ratio Lower Upper
83 100
55 79.9 65.1 97.7
98 46.4 36.5 54.7



#40
Benzene
Concen: 19.03 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN049411.D
Acq: 20 Jun 2018 3:12

Tgt Ion: 78 Resp: 1459805
Ion Ratio Lower Upper
78 100
77 23.6 19.4 29.0

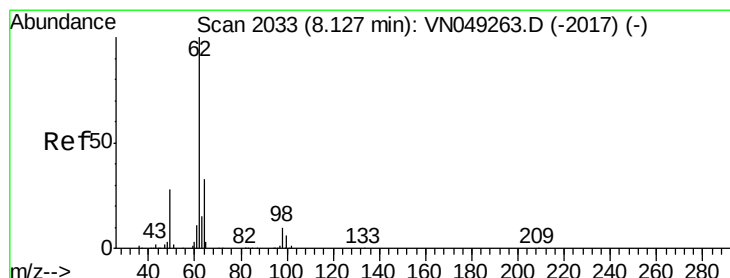
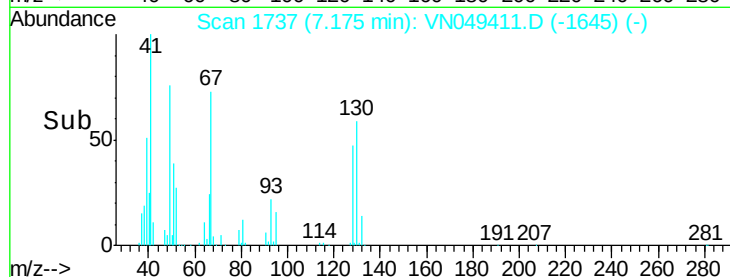
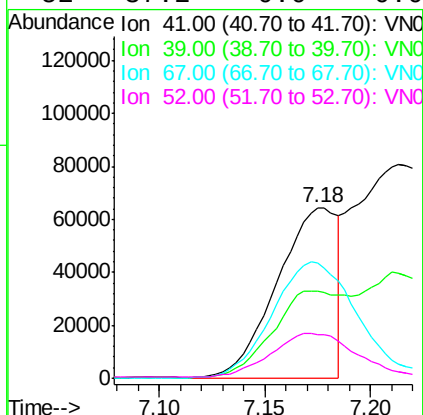
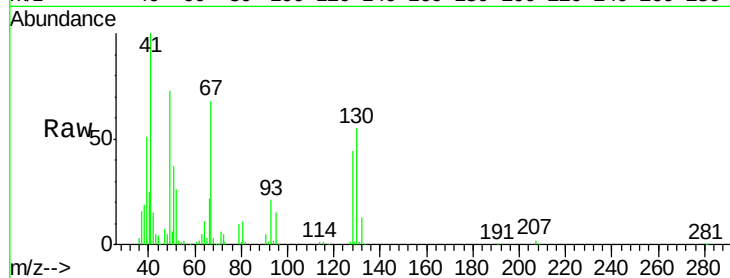




#41
Methacrylonitrile
Concen: 17.33 ug/l
RT: 7.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN049411.D
Acq: 20 Jun 2018 3:12

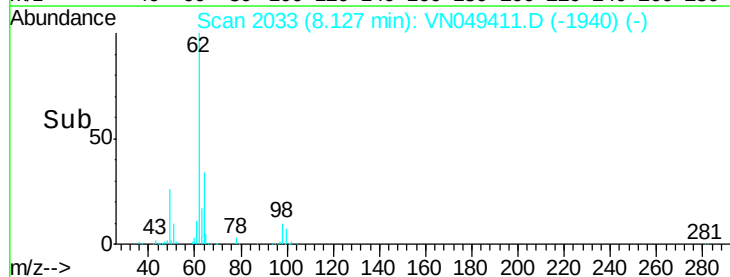
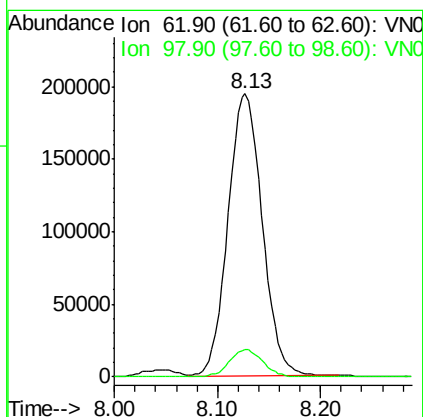
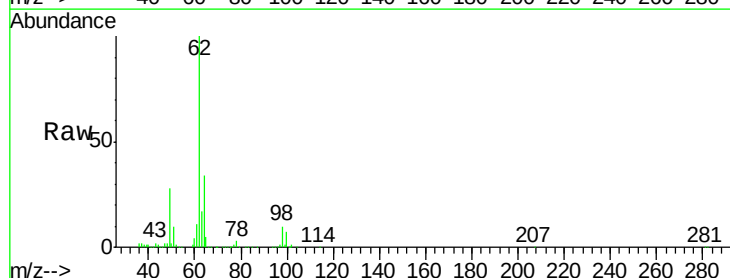
Instrument :
MSVOA_N
ClientSampleId :

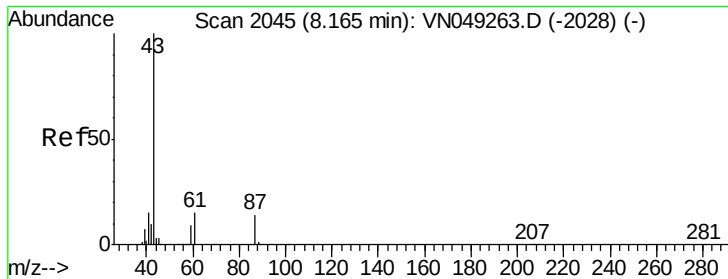
Tot Ion: 41 Resp: 127406
Ion Ratio Lower Upper
41 100
39 53.7 0.0 0.0#
67 98.5 0.0 0.0#
52 37.2 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 19.05 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049411.D
Acq: 20 Jun 2018 3:12

Tgt Ion: 62 Resp: 451573
Ion Ratio Lower Upper
62 100
98 9.5 0.0 16.2





#43

Isopropyl Acetate

Concen: 19.77 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

Instrument :

MSVOA_N

ClientSampled :

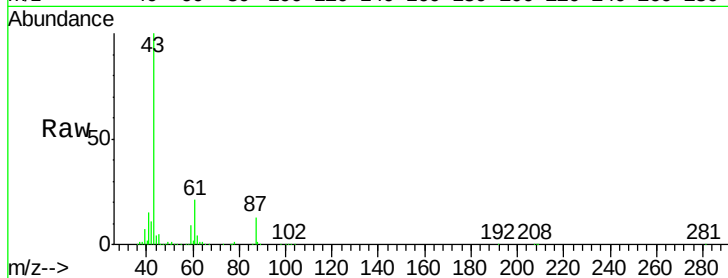
Tot Ion: 43 Resp: 513730

Ion Ratio Lower Upper

43 100

61 18.9 14.2 21.4

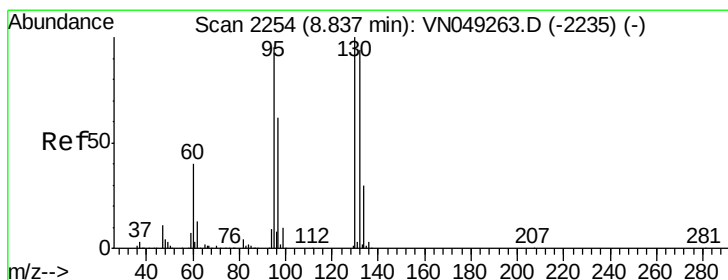
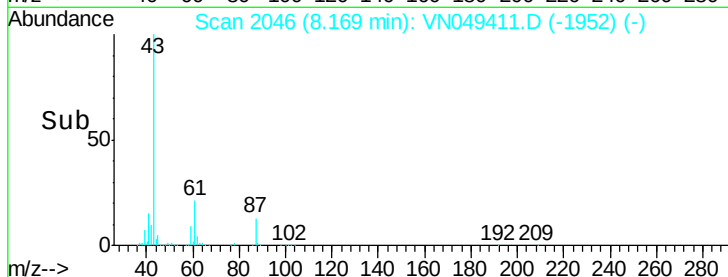
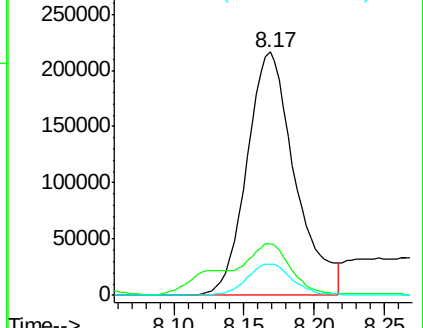
87 12.3 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VN049411.D (-1952) (-)

Ion 61.00 (60.70 to 61.70): VN049411.D (-1952) (-)

Ion 87.00 (86.70 to 87.70): VN049411.D (-1952) (-)



#44

Trichloroethene

Concen: 18.99 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049411.D

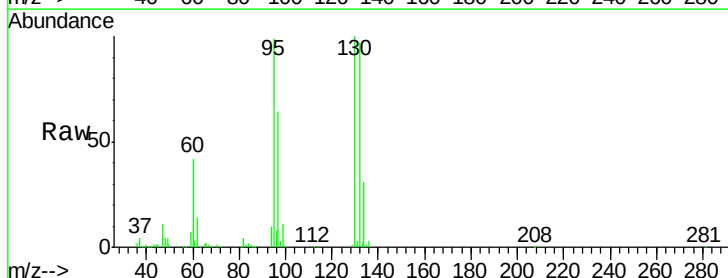
Acq: 20 Jun 2018 3:12

Tgt Ion: 130 Resp: 384638

Ion Ratio Lower Upper

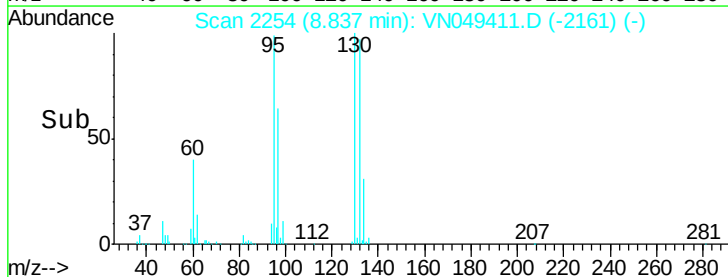
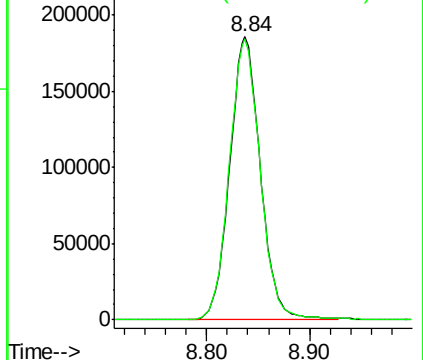
130 100

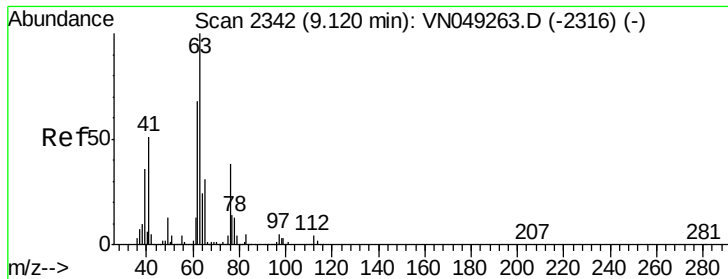
95 99.0 0.0 208.6



Abundance Ion 129.80 (129.50 to 130.50): VN049411.D (-2161) (-)

Ion 94.90 (94.60 to 95.60): VN049411.D (-2161) (-)

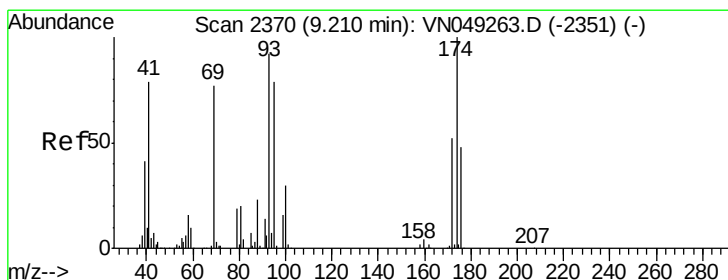
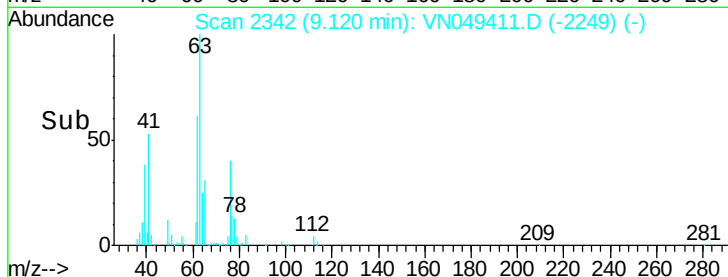
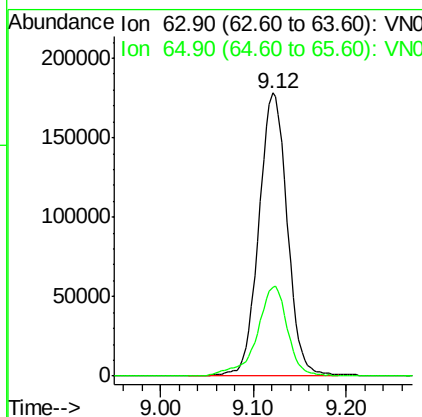
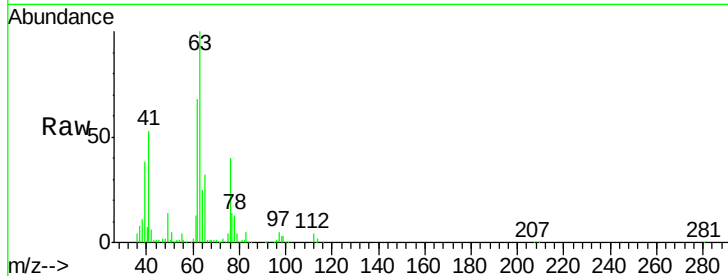




#45
 1,2-Dichloropropane
 Concen: 18.89 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN049411.D
 Acq: 20 Jun 2018 3:12

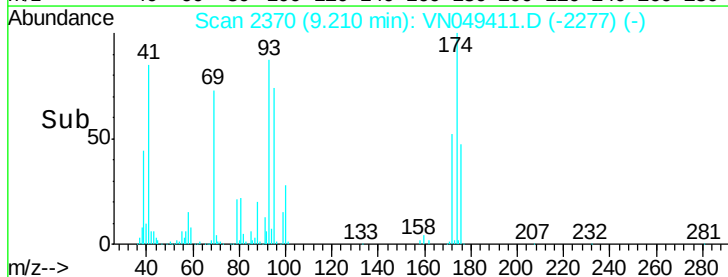
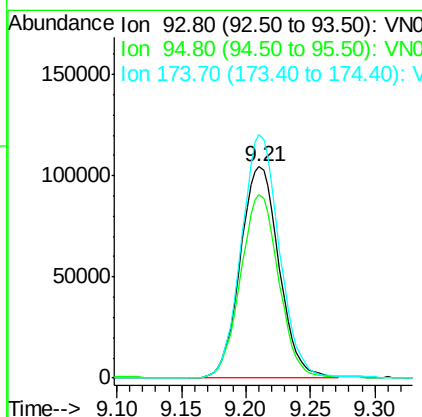
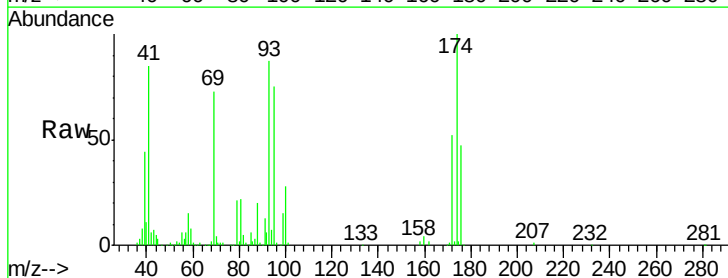
Instrument :
 MSVOA_N
 ClientSampleId :

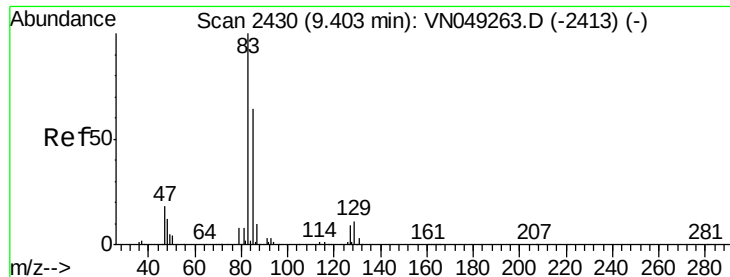
Tot Ion: 63 Resp: 379483
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.8 37.2



#46
 Dibromomethane
 Concen: 18.80 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: VN049411.D
 Acq: 20 Jun 2018 3:12

Tgt Ion: 93 Resp: 219010
 Ion Ratio Lower Upper
 93 100
 95 85.1 67.2 100.8
 174 113.2 75.6 113.4





#47

Bromodichloromethane

Concen: 19.02 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

Instrument :

MSVOA_N

ClientSampled :

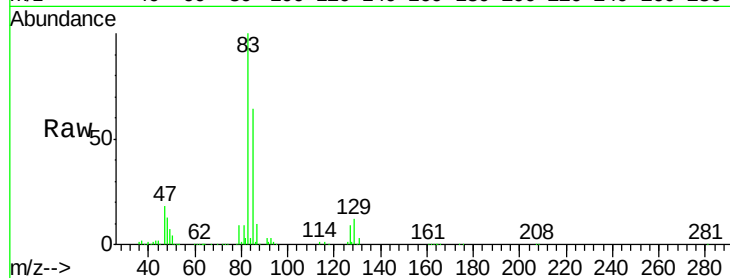
Tot Ion: 83 Resp: 486769

Ion Ratio Lower Upper

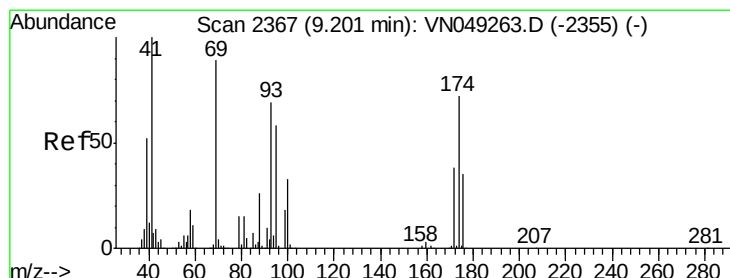
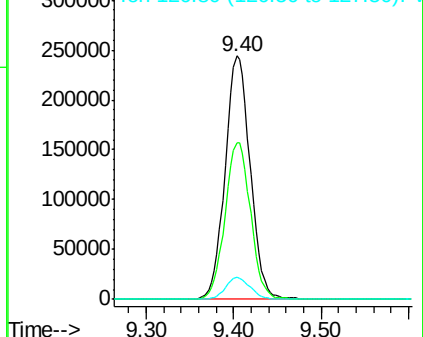
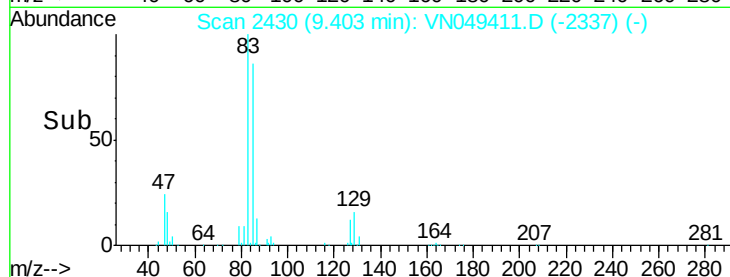
83 100

85 64.1 49.4 74.0

127 9.0 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN049411.D (-2337) (-)



#48

Methyl methacrylate

Concen: 18.45 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

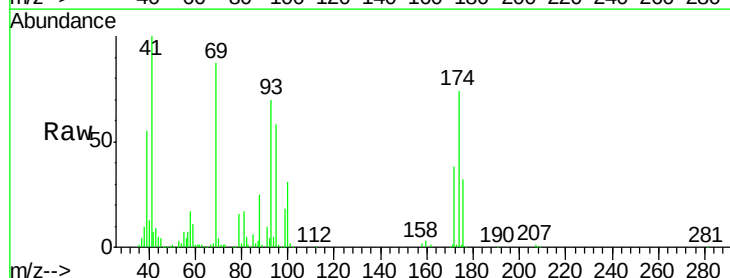
Tgt Ion: 41 Resp: 225772

Ion Ratio Lower Upper

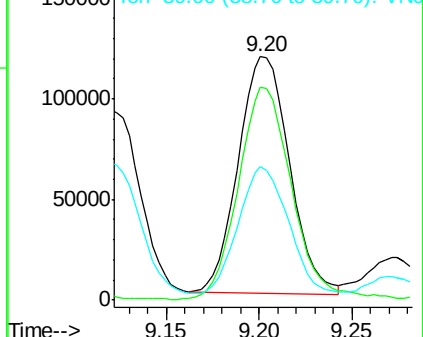
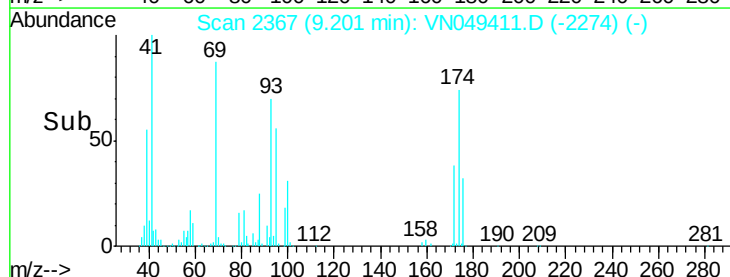
41 100

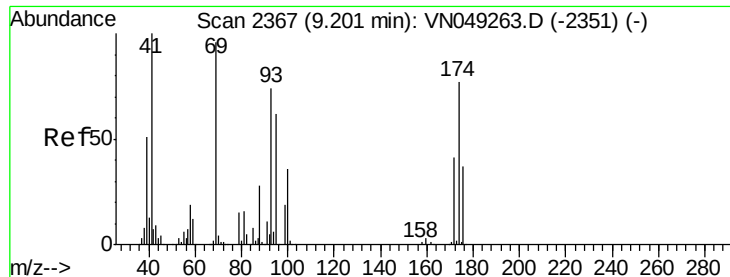
69 93.4 62.0 93.0#

39 57.5 50.6 75.8



Abundance Ion 41.00 (40.70 to 41.70): VN049411.D (-2274) (-)

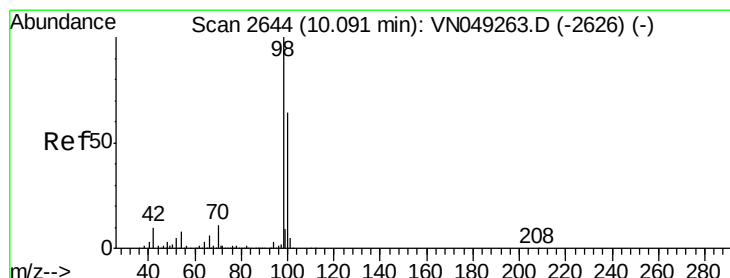
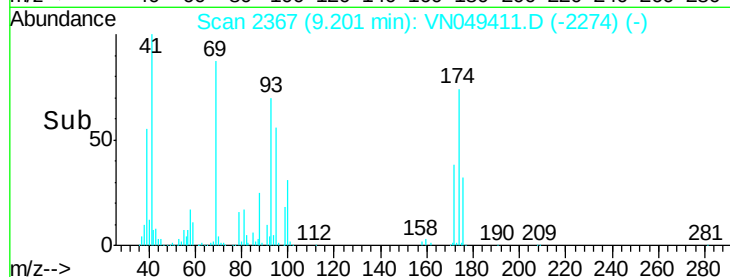
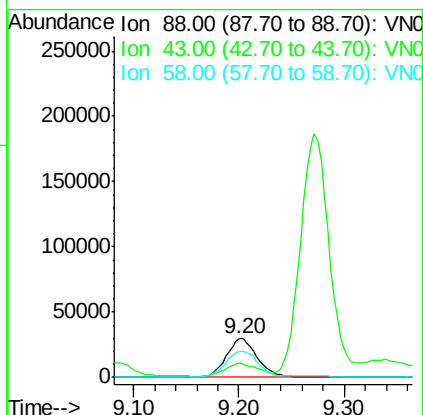
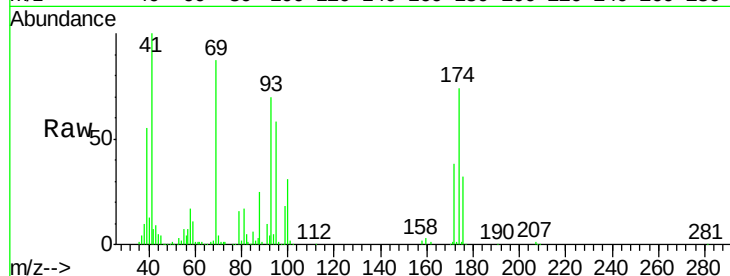




#49
1,4-Dioxane
Concen: 364.01 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN049411.D
Acq: 20 Jun 2018 3:12

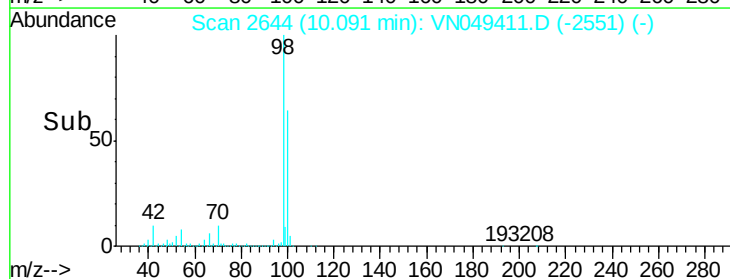
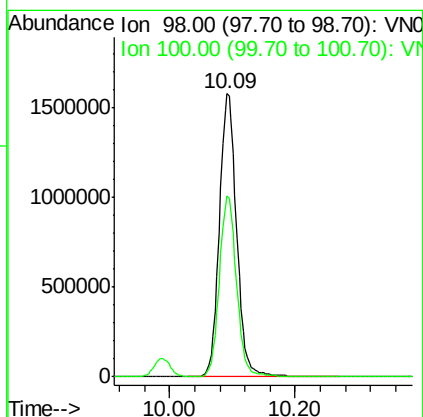
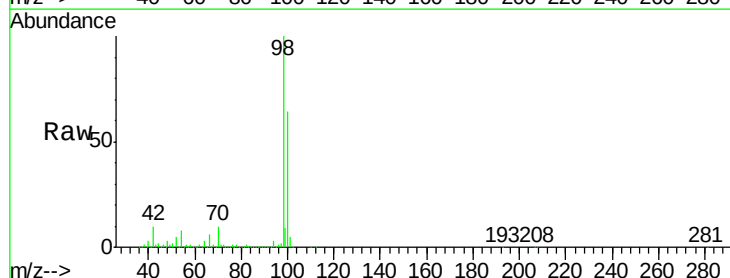
Instrument :
MSVOA_N
ClientSampleId :

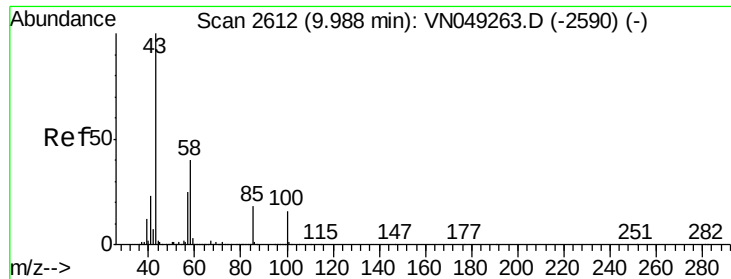
Tot Ion: 88 Resp: 61489
Ion Ratio Lower Upper
88 100
43 35.4 30.9 46.3
58 69.5 58.9 88.3



#50
Toluene-d8
Concen: 44.79 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049411.D
Acq: 20 Jun 2018 3:12

Tgt Ion: 98 Resp: 3012640
Ion Ratio Lower Upper
98 100
100 64.0 49.8 74.8





#51

4-Methyl-2-Pentanone

Concen: 95.95 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

Instrument :

MSVOA_N

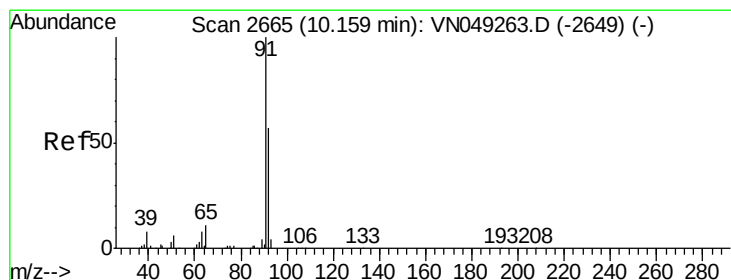
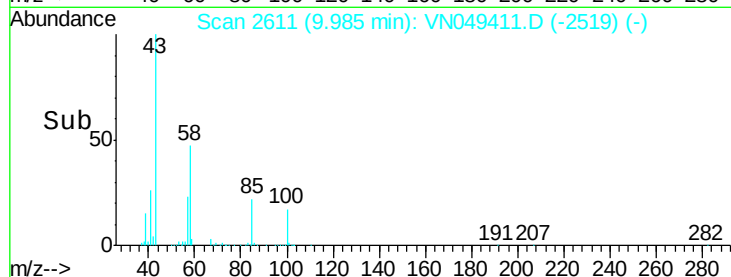
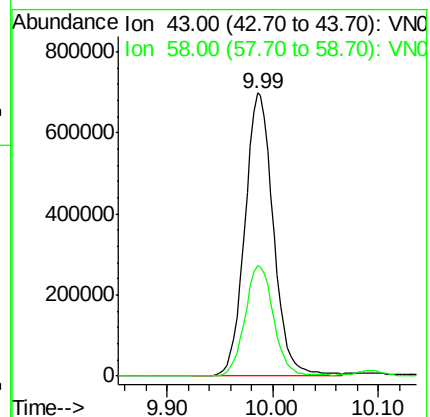
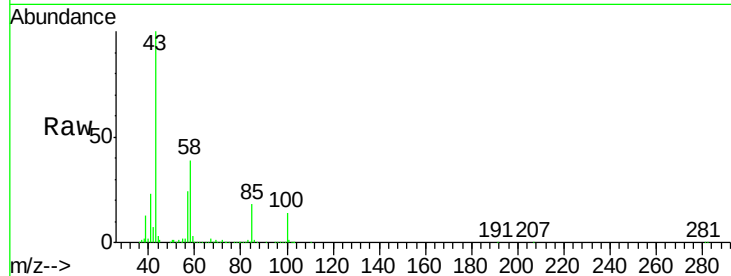
ClientSampled :

Tot Ion: 43 Resp: 1306986

Ion Ratio Lower Upper

43 100

58 39.3 29.0 43.6



#52

Toluene

Concen: 19.78 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN049411.D

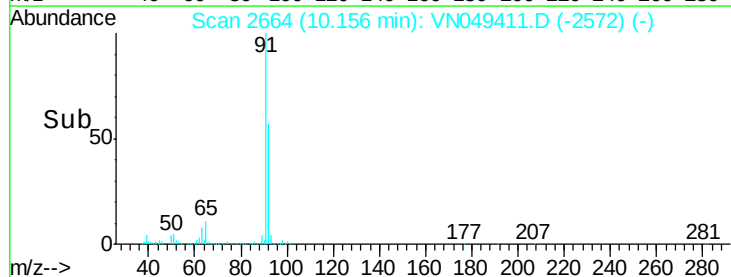
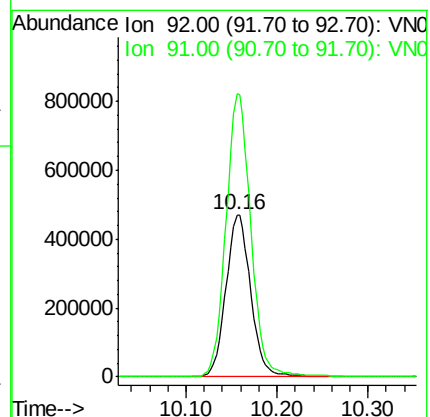
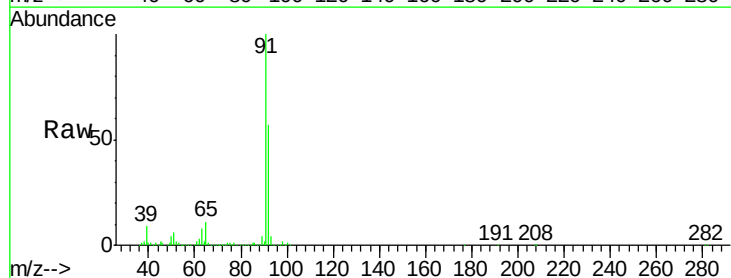
Acq: 20 Jun 2018 3:12

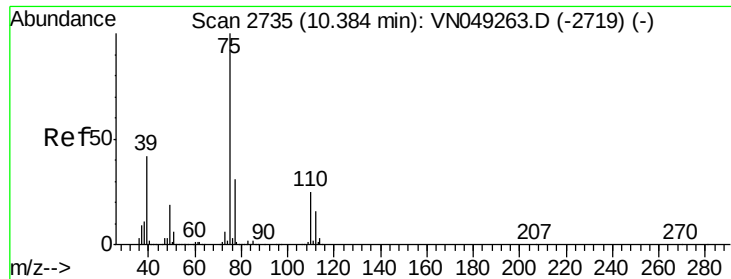
Tgt Ion: 92 Resp: 890668

Ion Ratio Lower Upper

92 100

91 174.6 143.4 215.2





#53

t-1,3-Dichloropropene

Concen: 17.47 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

Instrument :

MSVOA_N

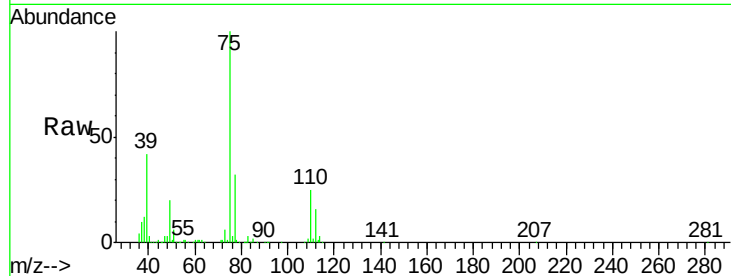
ClientSampled :

Tot Ion: 75 Resp: 427767

Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

250000

200000

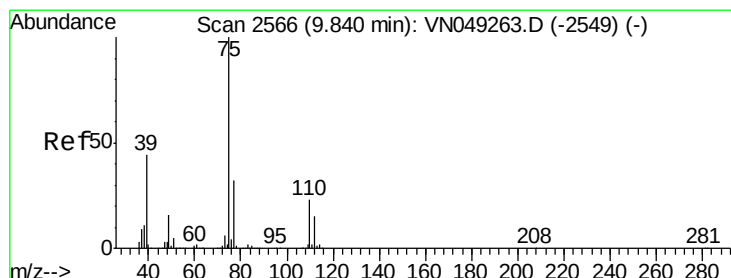
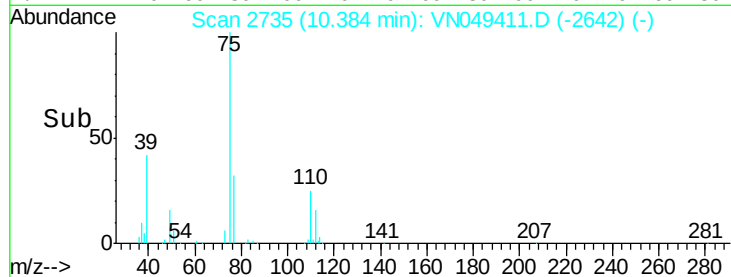
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 17.67 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

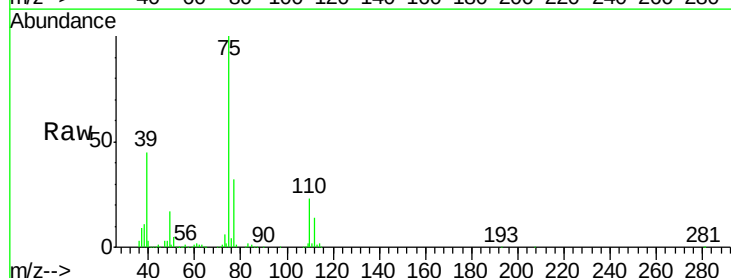
Tgt Ion: 75 Resp: 510934

Ion Ratio Lower Upper

75 100

77 31.6 24.8 37.2

39 45.3 45.1 67.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

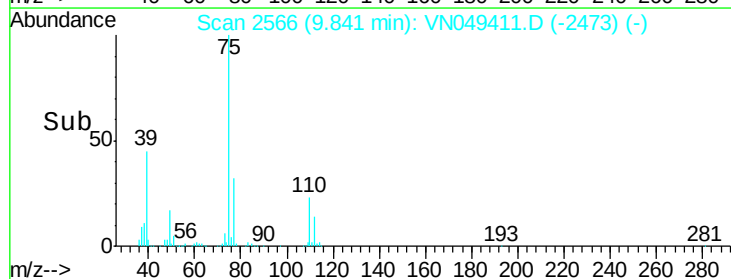
300000

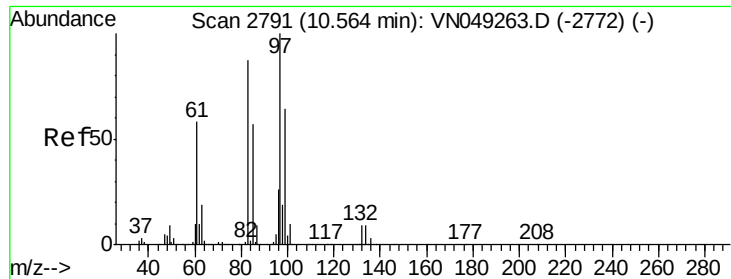
200000

100000

0

Time-->

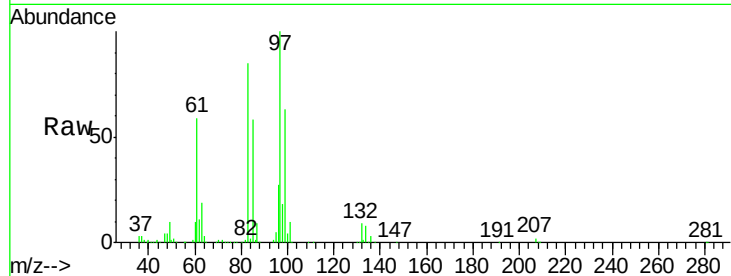




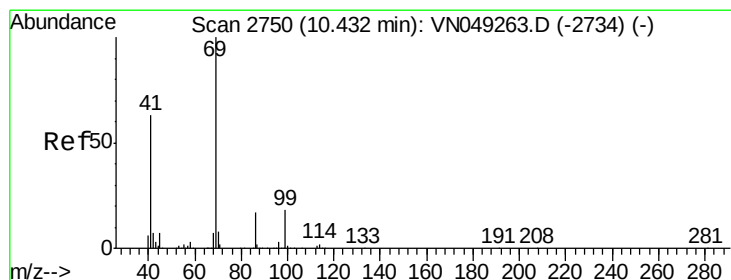
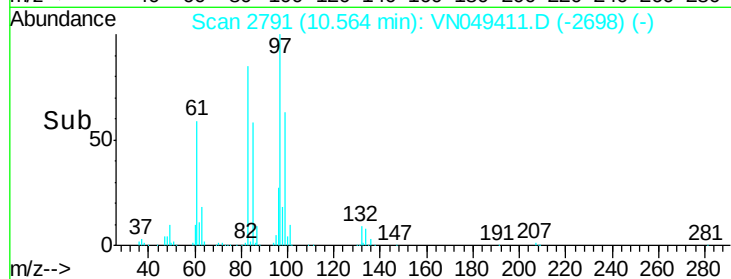
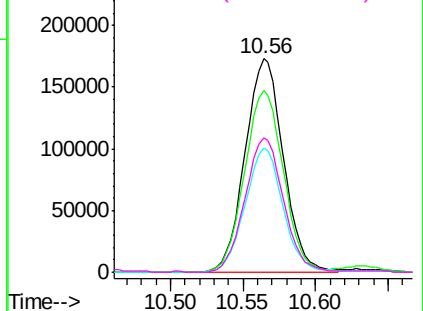
#55
 1,1,2-Trichloroethane
 Concen: 19.00 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049411.D
 Acq: 20 Jun 2018 3:12

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 97 Resp: 318884
 Ion Ratio Lower Upper
 97 100
 83 85.0 71.5 107.3
 85 58.2 47.0 70.4
 99 62.8 51.4 77.2

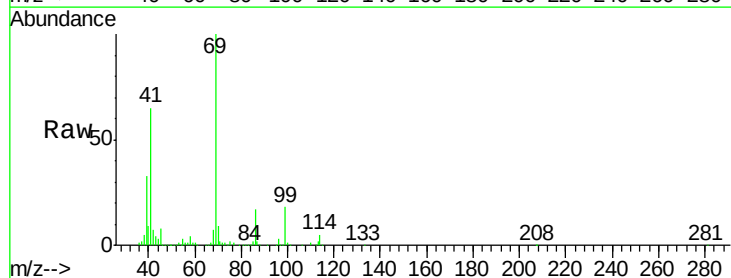


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

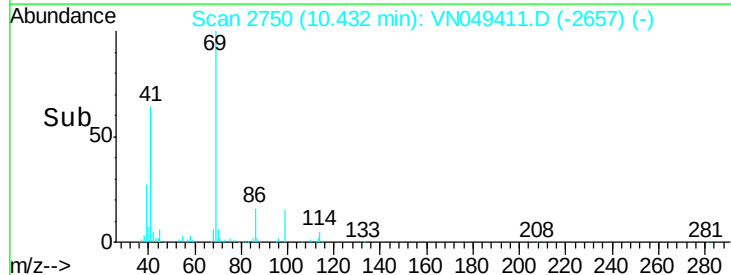
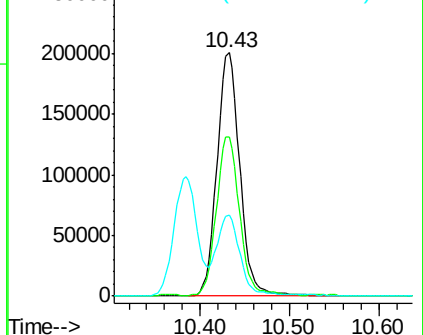


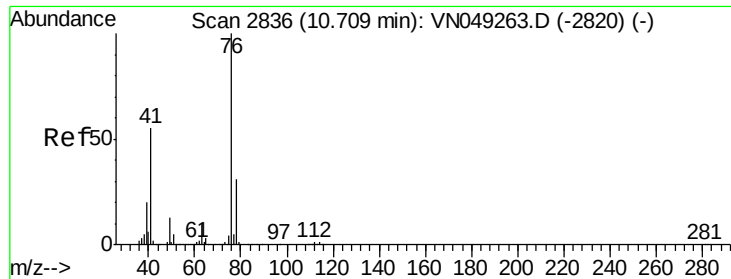
#56
 Ethyl methacrylate
 Concen: 18.43 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049411.D
 Acq: 20 Jun 2018 3:12

Tgt Ion: 69 Resp: 356939
 Ion Ratio Lower Upper
 69 100
 41 65.4 58.4 87.6
 39 32.9 35.5 53.3#



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





#57

1,3-Dichloropropane

Concen: 18.93 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

Instrument :

MSVOA_N

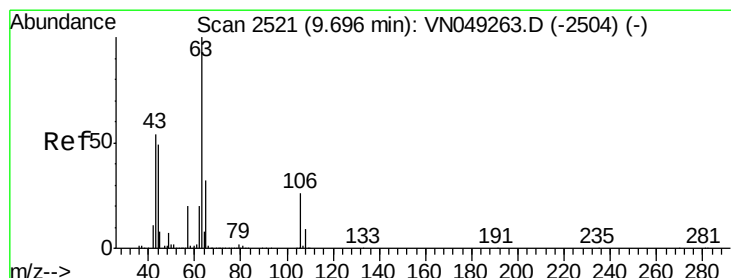
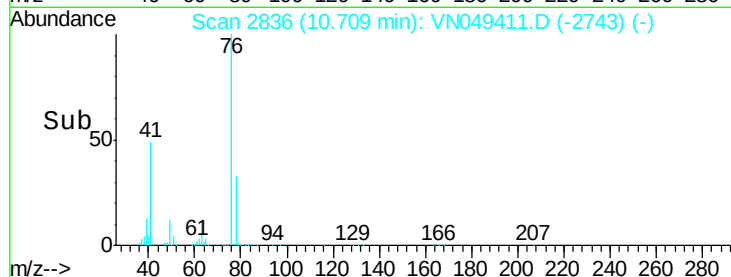
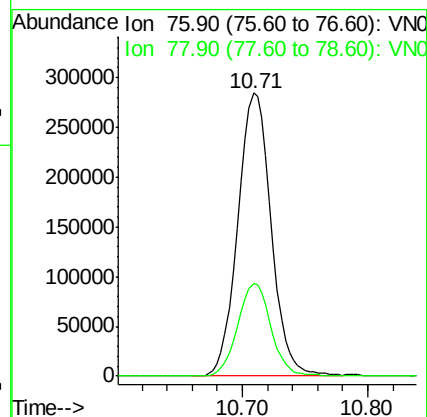
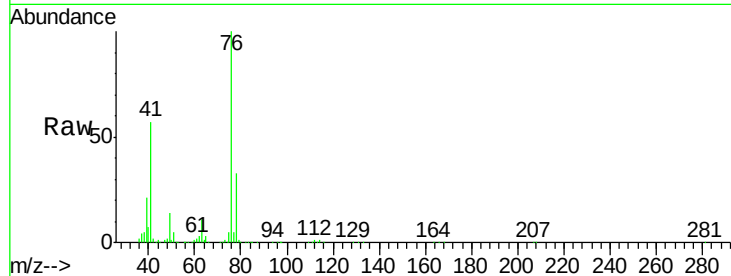
ClientSampleId :

Tot Ion: 76 Resp: 526412

Ion Ratio Lower Upper

76 100

78 32.7 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 75.43 ug/l

RT: 9.70 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VN049411.D

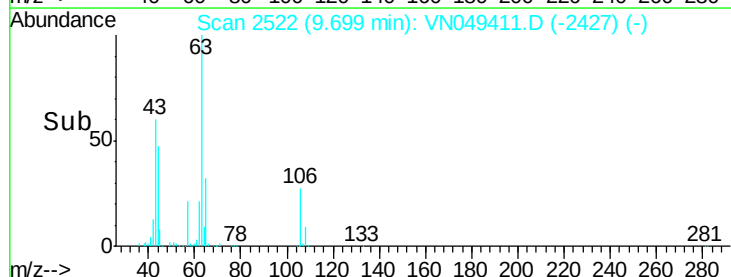
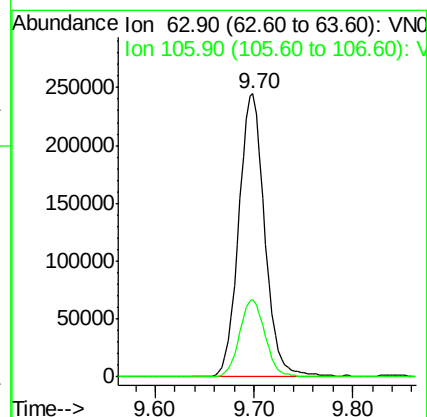
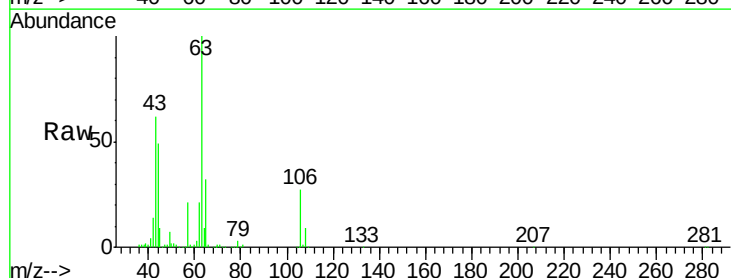
Acq: 20 Jun 2018 3:12

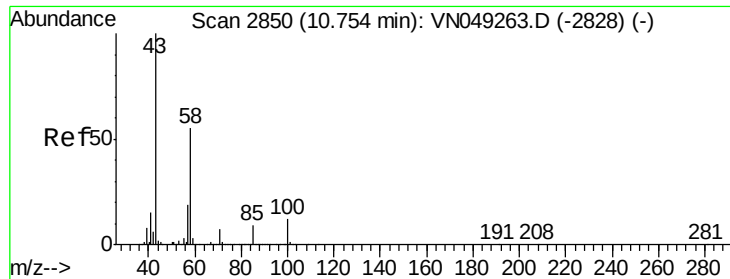
Tgt Ion: 63 Resp: 448689

Ion Ratio Lower Upper

63 100

106 26.9 19.4 29.2

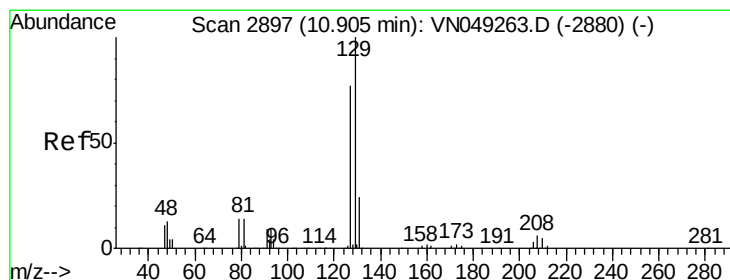
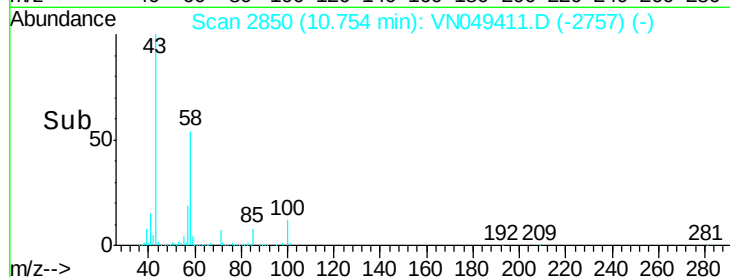
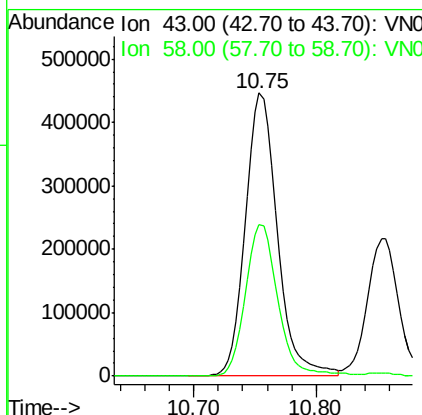
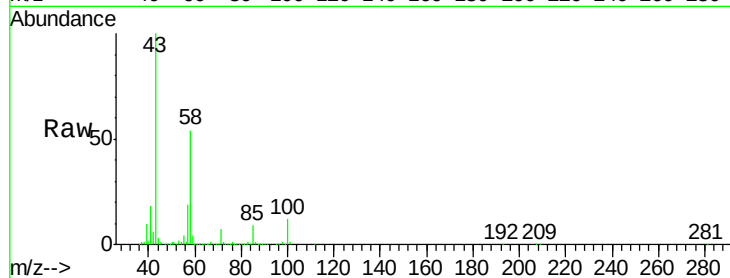




#59
2-Hexanone
Concen: 91.18 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049411.D
Acq: 20 Jun 2018 3:12

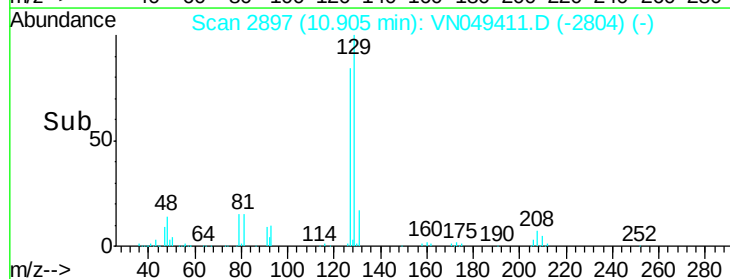
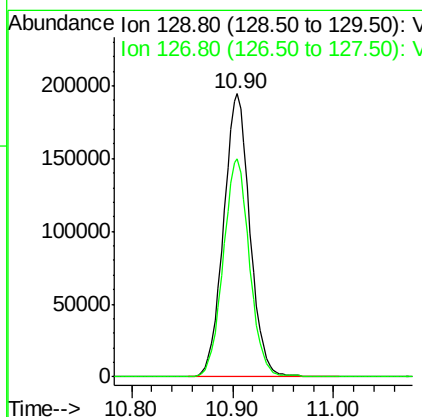
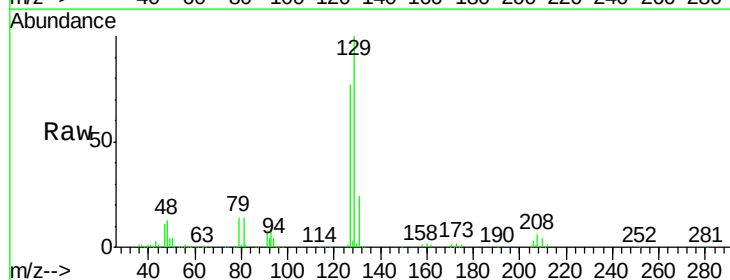
Instrument :
MSVOA_N
ClientSampled :

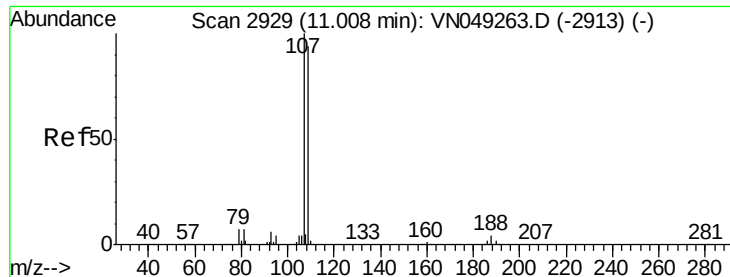
Tot Ion: 43 Resp: 800730
Ion Ratio Lower Upper
43 100
58 54.5 25.2 75.6



#60
Dibromochloromethane
Concen: 18.92 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN049411.D
Acq: 20 Jun 2018 3:12

Tgt Ion: 129 Resp: 354492
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.2

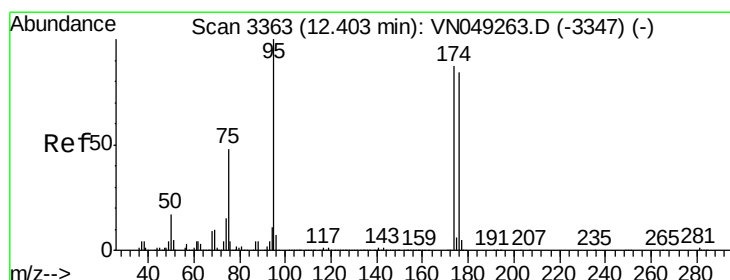
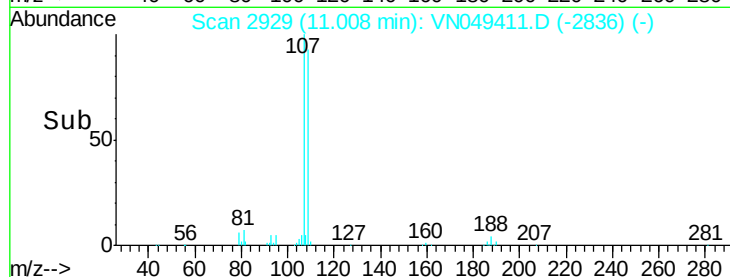
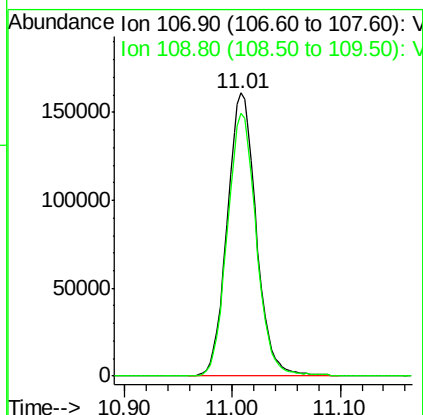
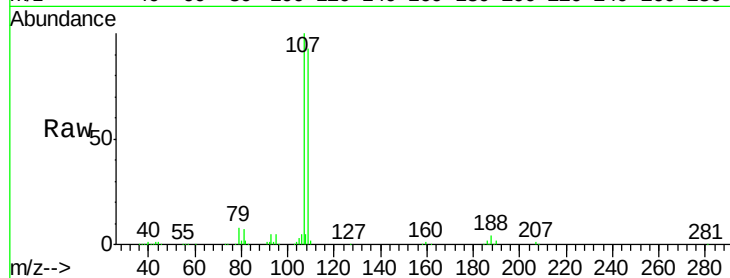




#61
 1,2-Dibromoethane
 Concen: 19.37 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN049411.D
 Acq: 20 Jun 2018 3:12

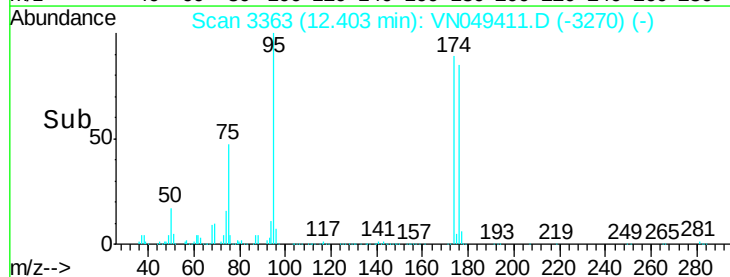
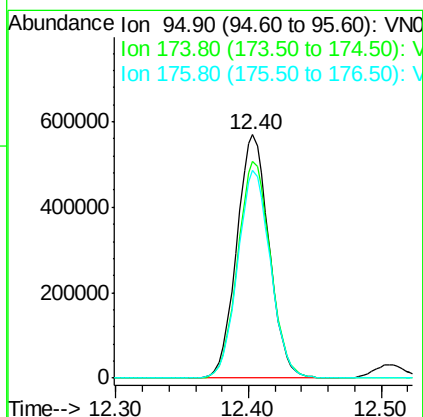
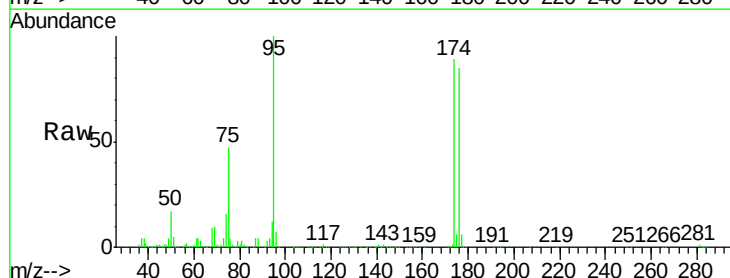
Instrument :
 MSVOA_N
 ClientSampleId :

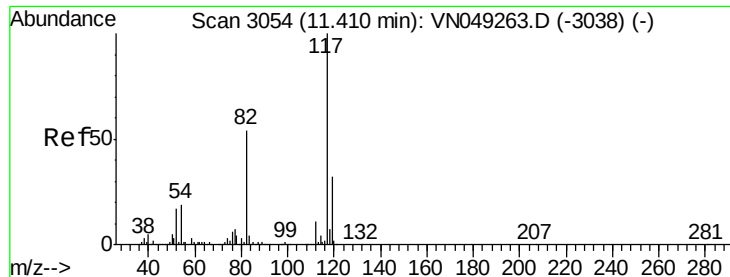
Tot Ion: 107 Resp: 302123
 Ion Ratio Lower Upper
 107 100
 109 92.7 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 43.43 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049411.D
 Acq: 20 Jun 2018 3:12

Tgt Ion: 95 Resp: 965791
 Ion Ratio Lower Upper
 95 100
 174 90.0 0.0 165.6
 176 86.0 0.0 157.4

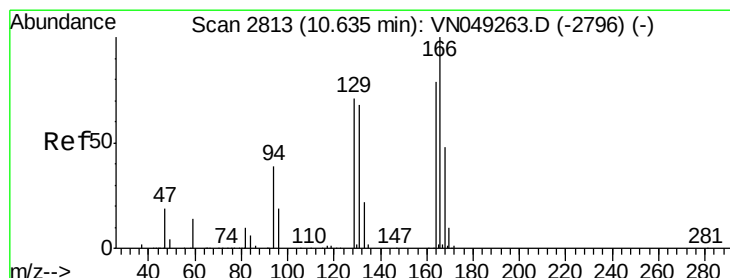
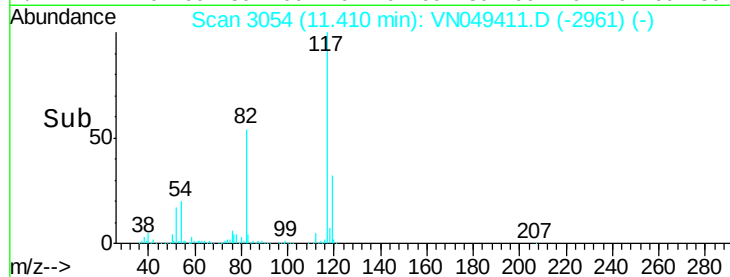
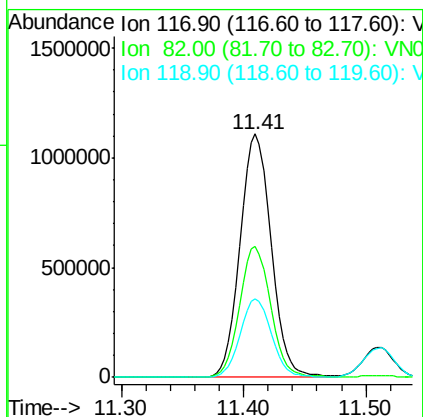
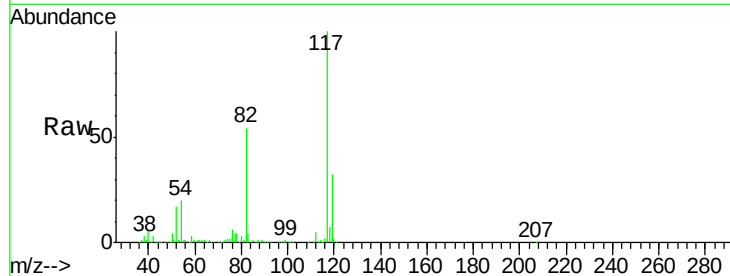




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049411.D
Acq: 20 Jun 2018 3:12

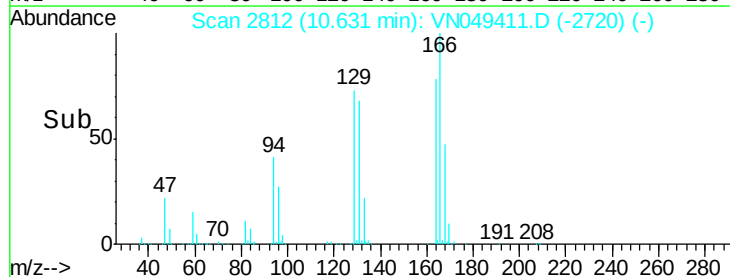
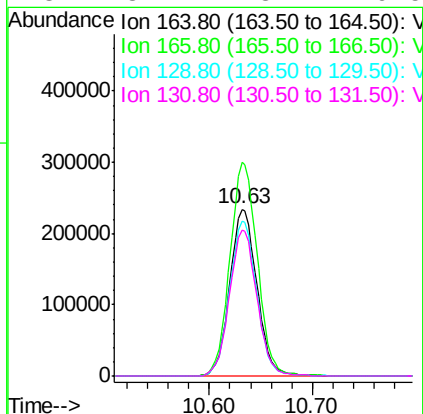
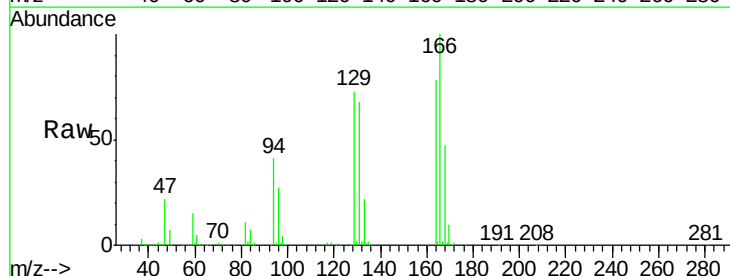
Instrument :
MSVOA_N
ClientSampled :

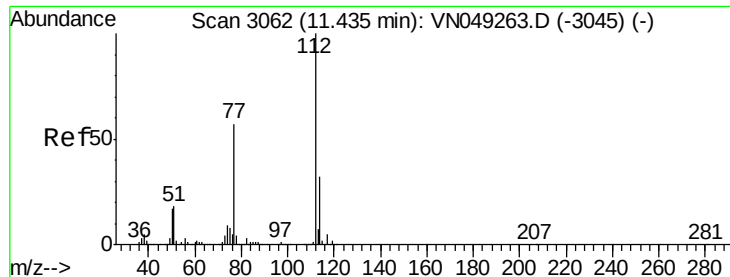
Tot Ion:117 Resp: 1954309
Ion Ratio Lower Upper
117 100
82 53.8 45.9 68.9
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 21.47 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN049411.D
Acq: 20 Jun 2018 3:12

Tgt Ion:164 Resp: 429915
Ion Ratio Lower Upper
164 100
166 128.1 101.4 152.2
129 93.2 74.1 111.1
131 87.7 73.7 110.5





#65

Chlorobenzene

Concen: 19.02 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

Instrument :

MSVOA_N

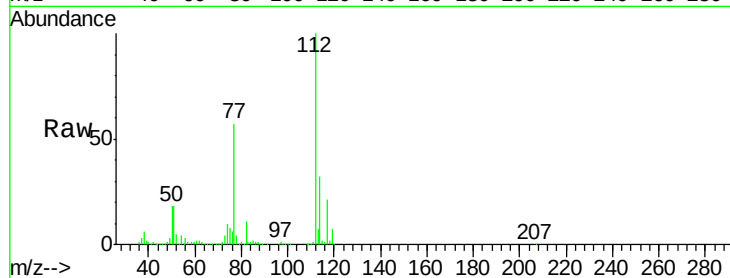
ClientSampled :

Tot Ion:112 Resp: 957386

Ion Ratio Lower Upper

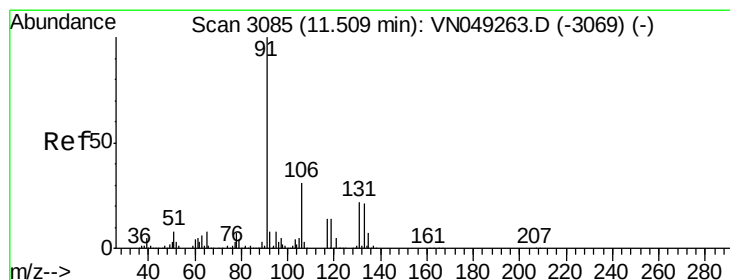
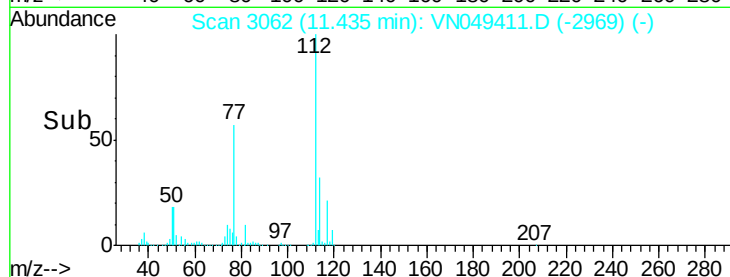
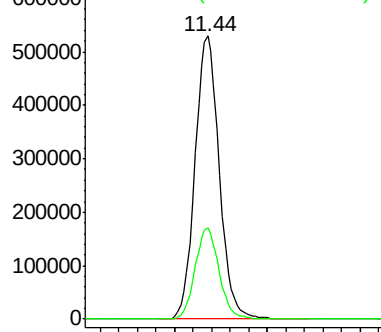
112 100

114 32.1 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.68 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

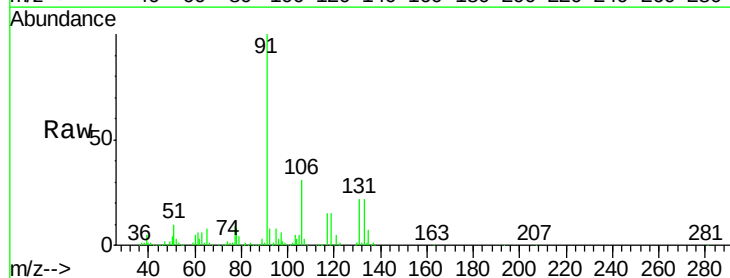
Tgt Ion:131 Resp: 353902

Ion Ratio Lower Upper

131 100

133 98.6 48.0 144.2

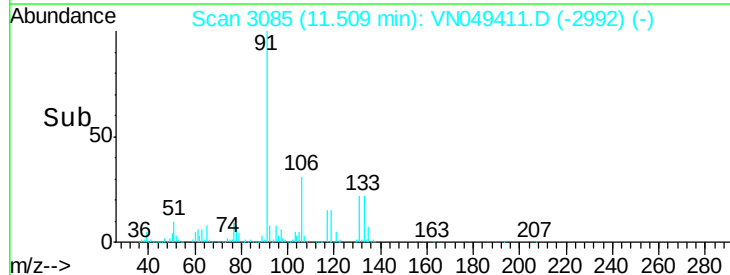
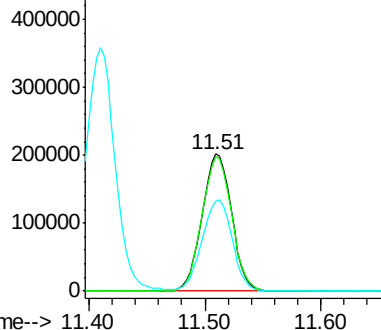
119 68.2 33.6 100.8

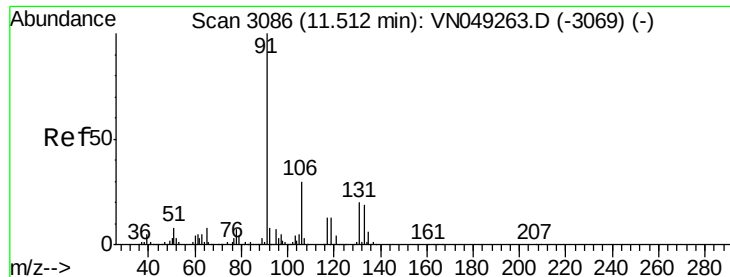


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.11 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

Instrument :

MSVOA_N

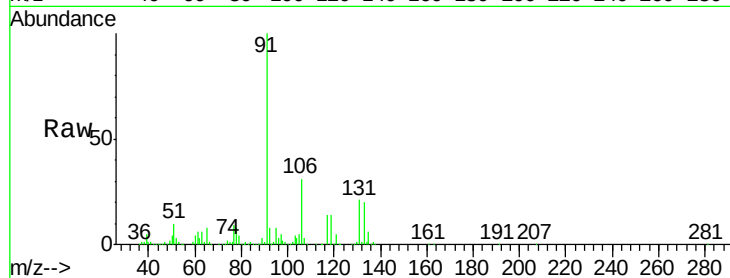
ClientSampled :

Tot Ion: 91 Resp: 1596161

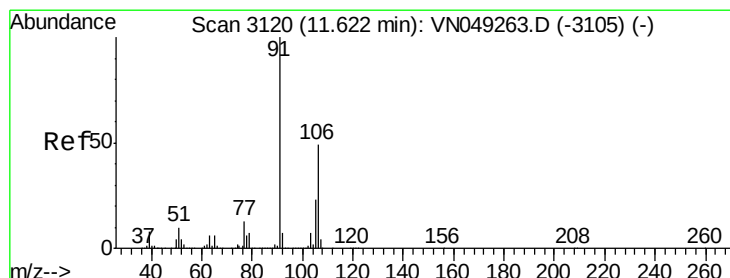
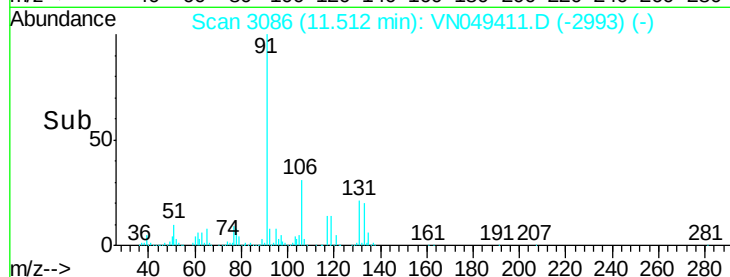
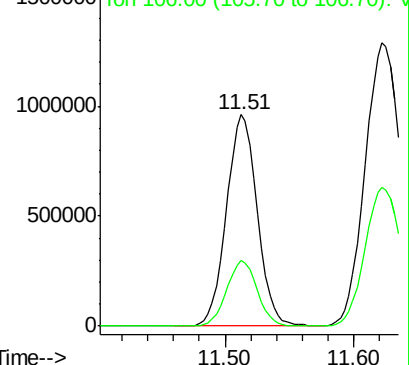
Ion Ratio Lower Upper

91 100

106 30.8 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN049411.D (-2993) (-)



#68

m/p-Xylenes

Concen: 39.48 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN049411.D

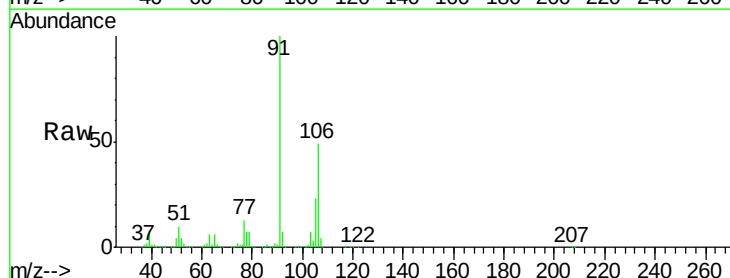
Acq: 20 Jun 2018 3:12

Tgt Ion: 106 Resp: 1237307

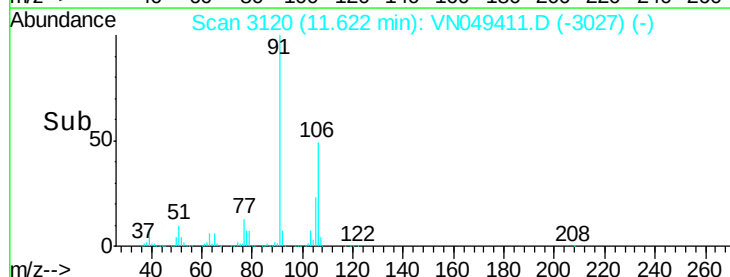
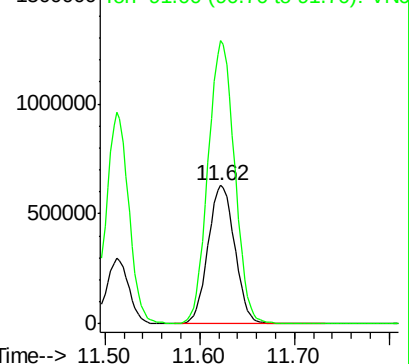
Ion Ratio Lower Upper

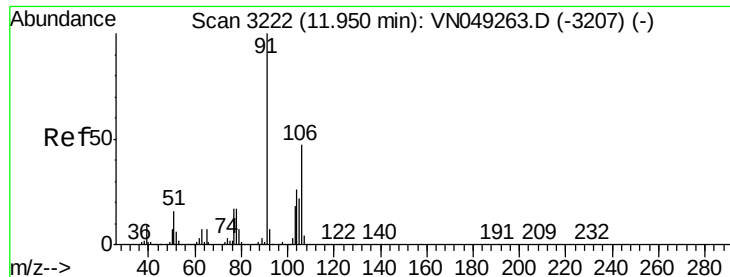
106 100

91 203.3 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): VN049411.D (-3027) (-)

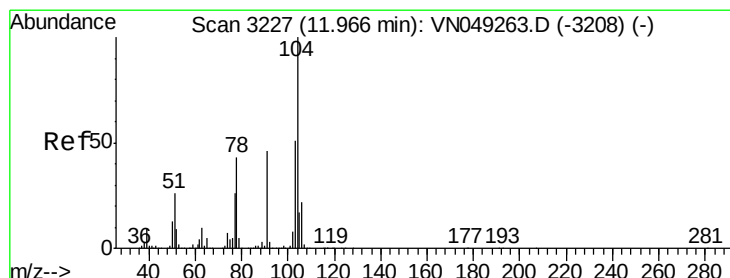
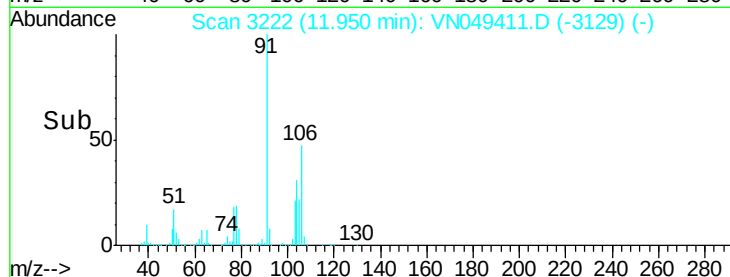
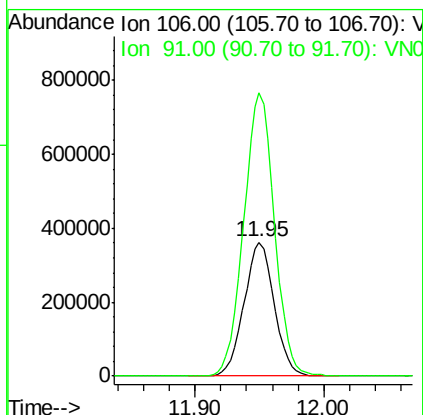
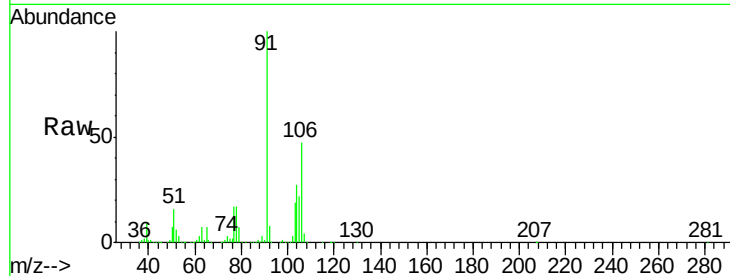




#69
o-Xylene
Concen: 19.55 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049411.D
Acq: 20 Jun 2018 3:12

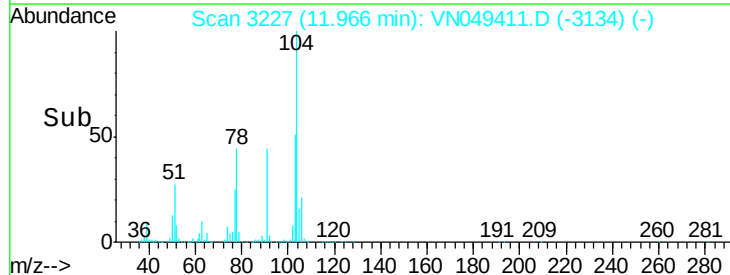
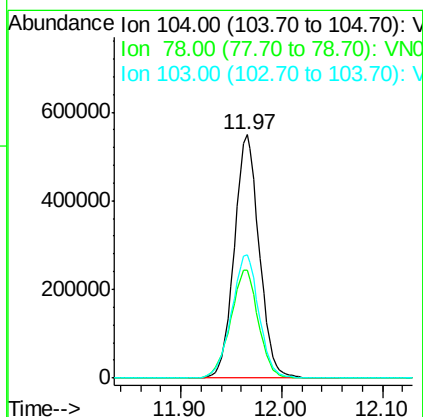
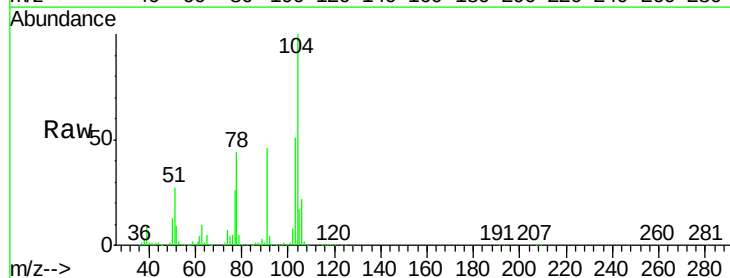
Instrument :
MSVOA_N
ClientSampled :

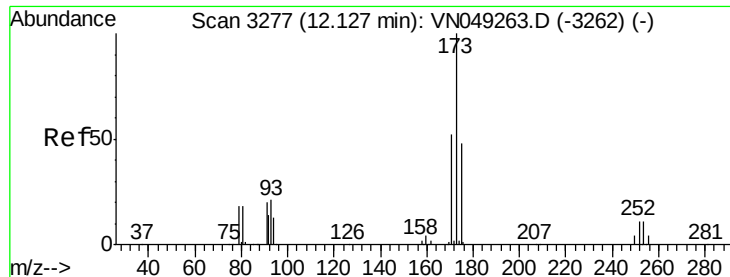
Tot Ion:106 Resp: 590198
Ion Ratio Lower Upper
106 100
91 214.8 111.0 333.0



#70
Styrene
Concen: 19.83 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049411.D
Acq: 20 Jun 2018 3:12

Tgt Ion:104 Resp: 944511
Ion Ratio Lower Upper
104 100
78 49.4 41.6 62.4
103 55.6 45.4 68.2





#71

Bromoform

Concen: 18.98 ug/l

RT: 12.13 min Scan# 3278

Delta R.T. 0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

Instrument :

MSVOA_N

ClientSampleId :

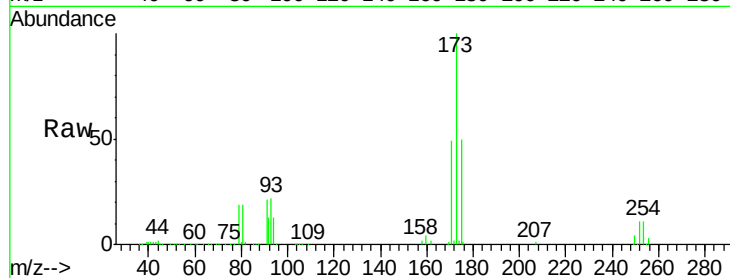
Tot Ion:173 Resp: 232742

Ion Ratio Lower Upper

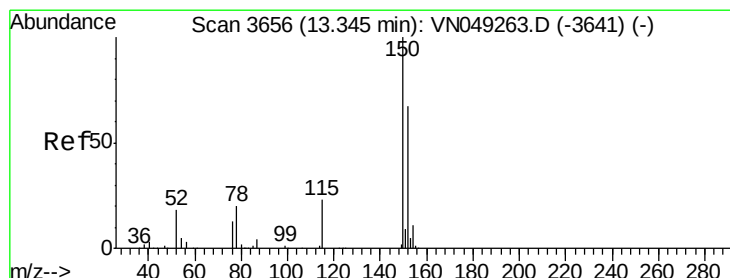
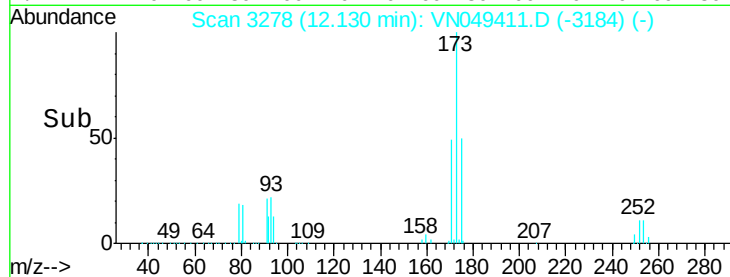
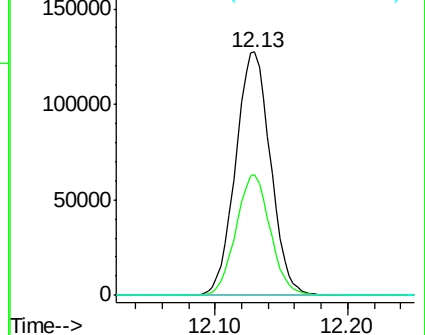
173 100

175 48.7 24.5 73.5

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

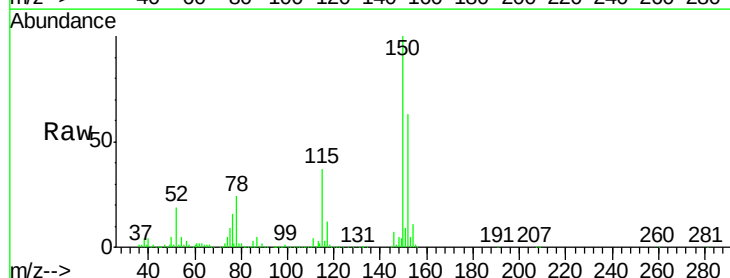
Tgt Ion:152 Resp: 902056

Ion Ratio Lower Upper

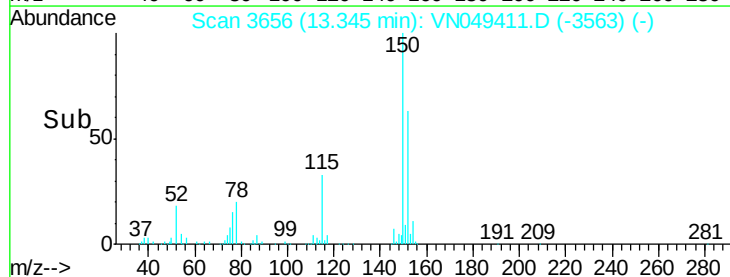
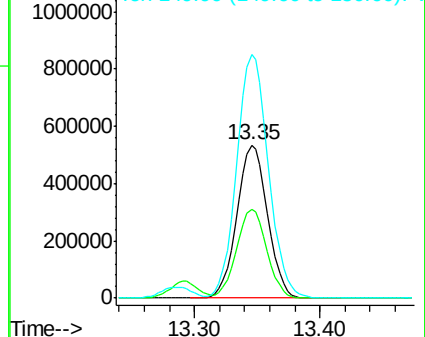
152 100

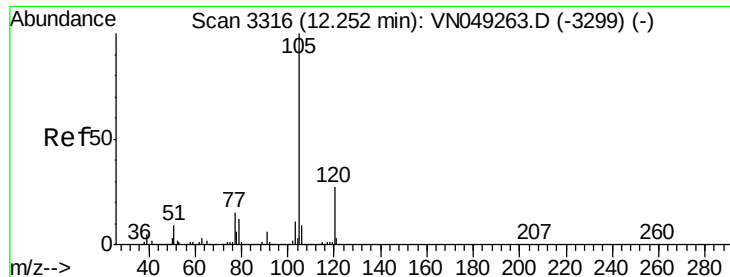
115 57.4 28.7 86.1

150 165.2 0.0 351.0



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





#73

Isopropylbenzene

Concen: 19.85 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

Instrument :

MSVOA_N

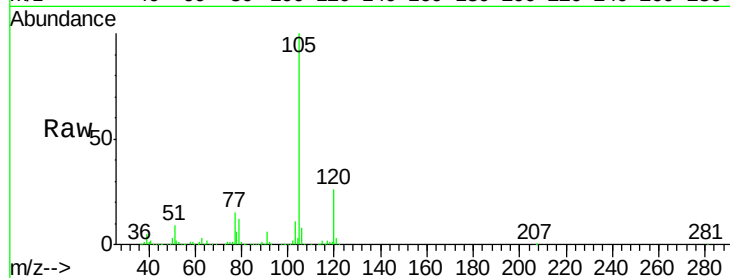
ClientSampled :

Tot Ion:105 Resp: 1571920

Ion Ratio Lower Upper

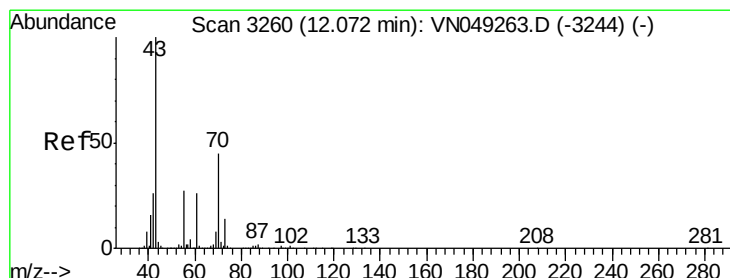
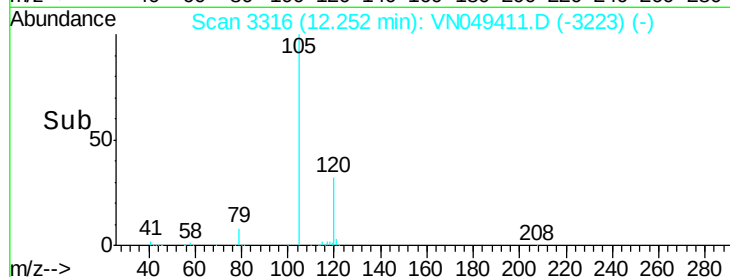
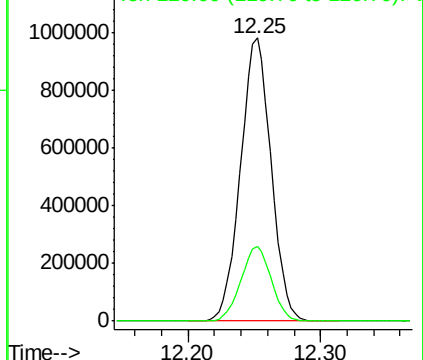
105 100

120 26.3 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.08 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

Tgt Ion: 43 Resp: 350671

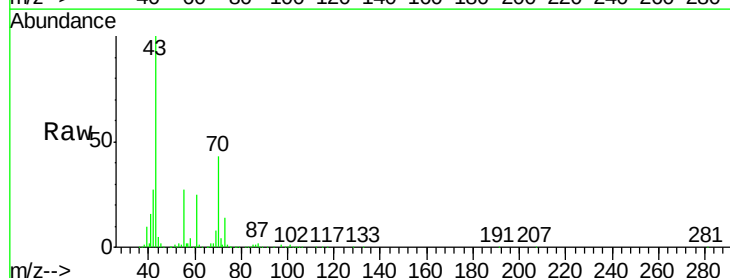
Ion Ratio Lower Upper

43 100

70 43.2 30.3 45.5

55 28.2 19.4 29.2

61 24.7 17.8 26.6

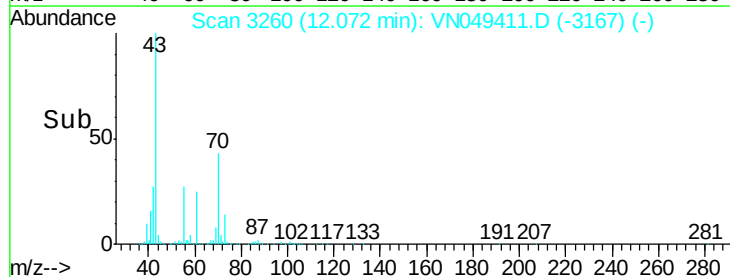
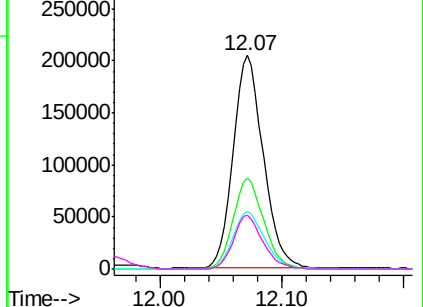


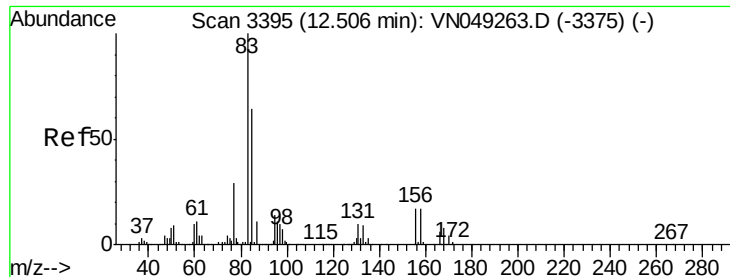
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.80 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

Instrument :

MSVOA_N

ClientSampled :

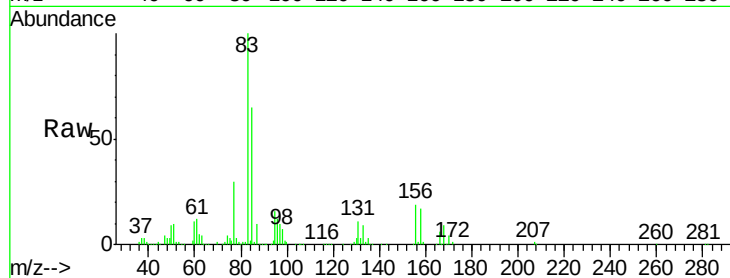
Tot Ion: 83 Resp: 344597

Ion Ratio Lower Upper

83 100

131 10.7 5.0 15.0

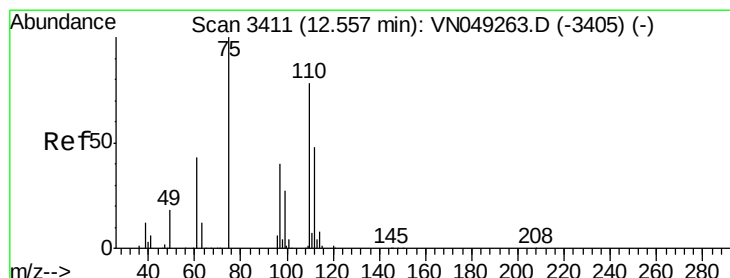
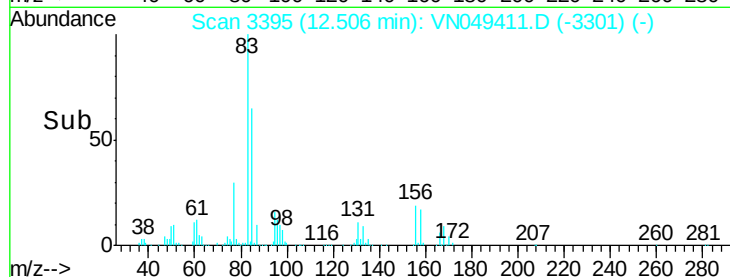
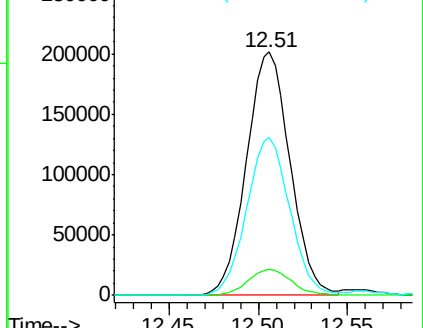
85 64.0 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN049411.D (-3301) (-)

Ion 130.80 (130.50 to 131.50): VN049411.D (-3301) (-)

Ion 84.90 (84.60 to 85.60): VN049411.D (-3301) (-)



#76

1,2,3-Trichloropropane

Concen: 27.77 ug/l

RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN049411.D

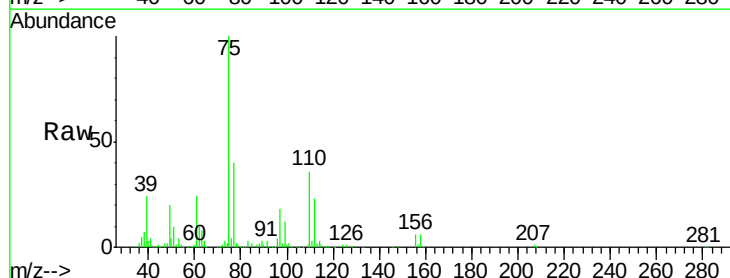
Acq: 20 Jun 2018 3:12

Tgt Ion: 75 Resp: 427478

Ion Ratio Lower Upper

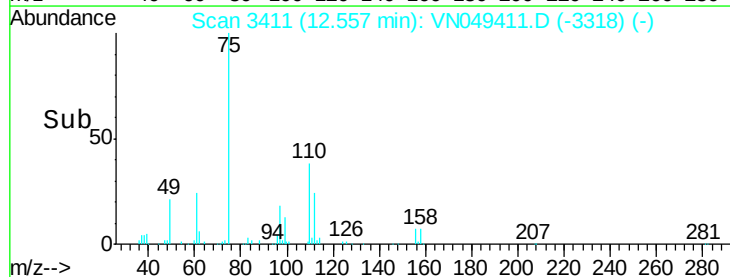
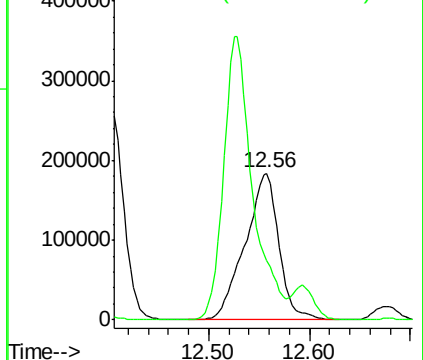
75 100

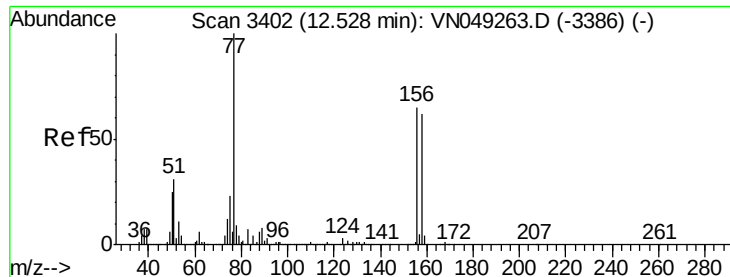
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN049411.D (-3318) (-)

Ion 77.00 (76.70 to 77.70): VN049411.D (-3318) (-)





#77

Bromobenzene

Concen: 18.84 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

Instrument :

MSVOA_N

ClientSampled :

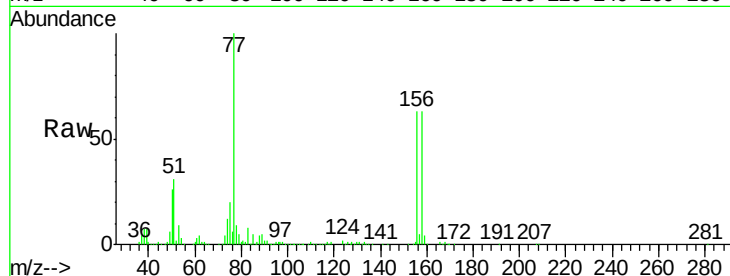
Tot Ion:156 Resp: 394139

Ion Ratio Lower Upper

156 100

77 180.7 100.8 302.4

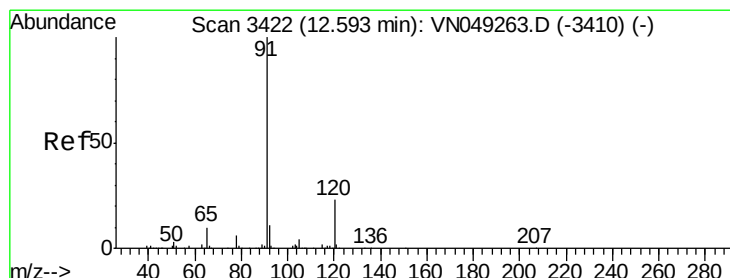
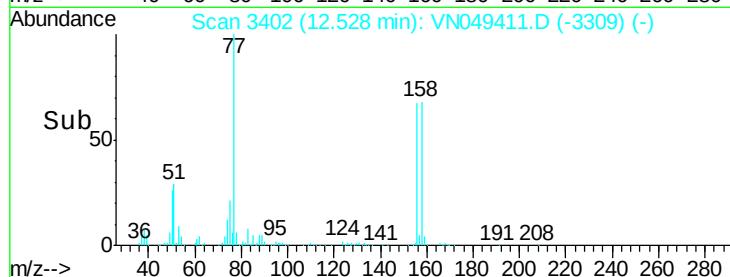
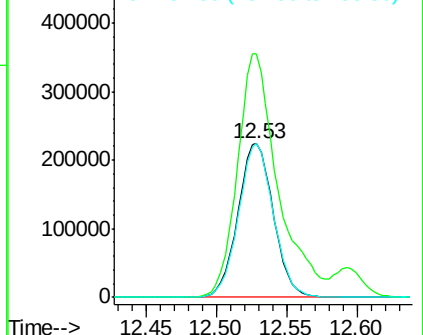
158 98.4 49.3 147.9



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: 19.68 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049411.D

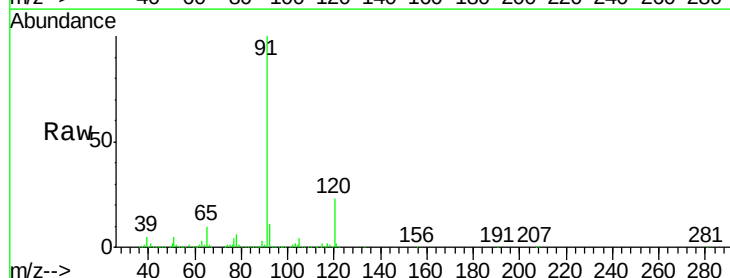
Acq: 20 Jun 2018 3:12

Tgt Ion: 91 Resp: 1711734

Ion Ratio Lower Upper

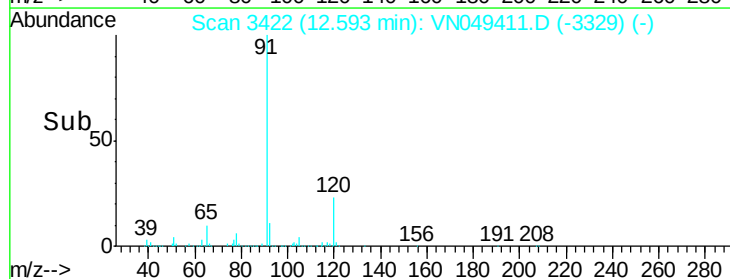
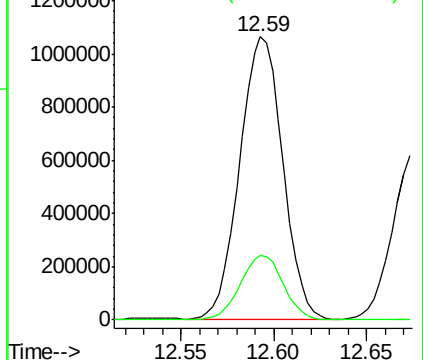
91 100

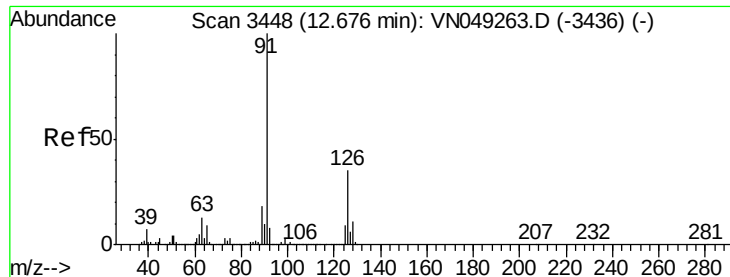
120 23.0 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.46 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

Instrument :

MSVOA_N

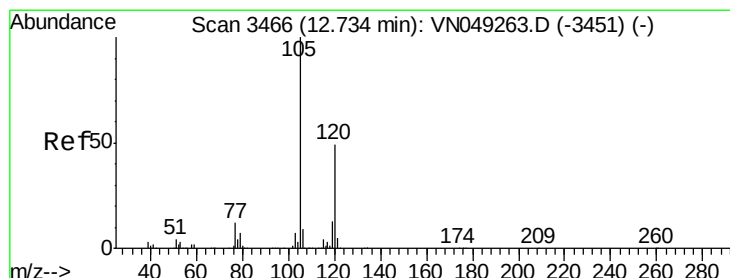
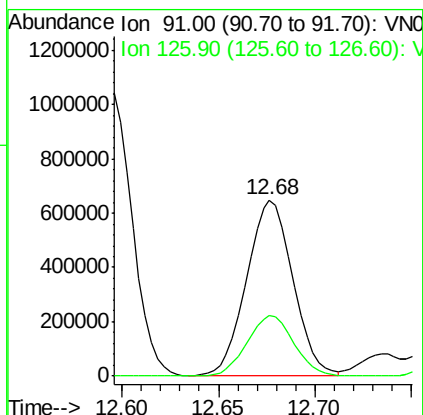
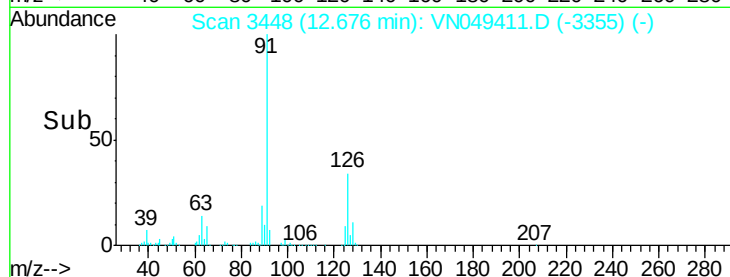
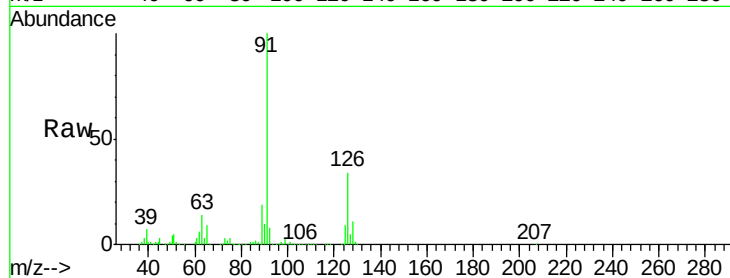
ClientSampleId :

Tot Ion: 91 Resp: 1072256

Ion Ratio Lower Upper

91 100

126 34.9 16.6 49.8



#80

1,3,5-Trimethylbenzene

Concen: 20.25 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049411.D

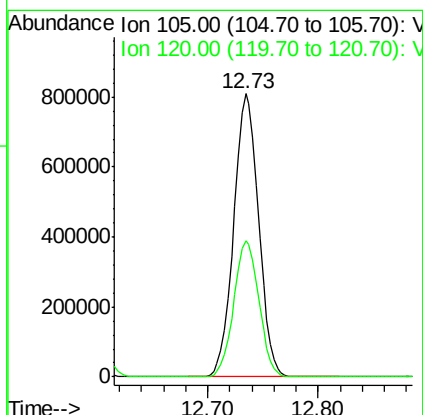
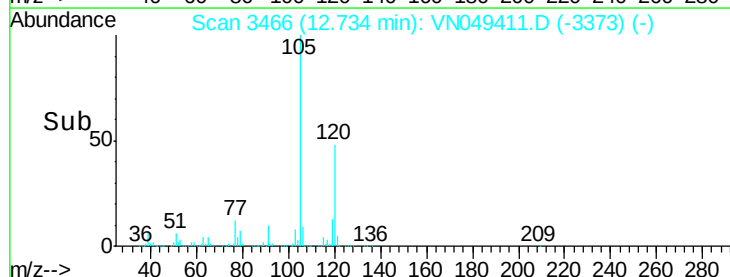
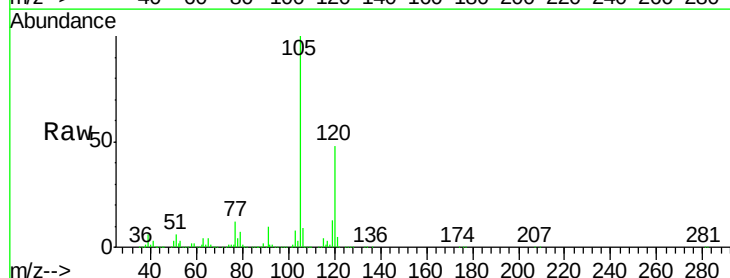
Acq: 20 Jun 2018 3:12

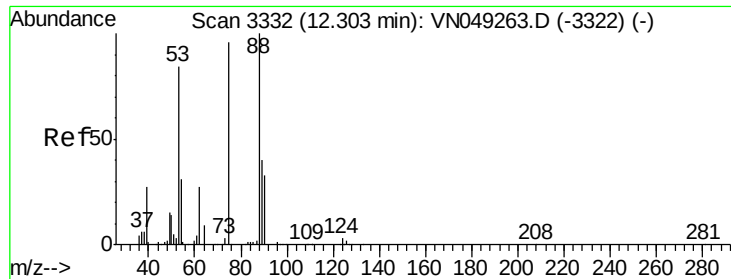
Tgt Ion: 105 Resp: 1260499

Ion Ratio Lower Upper

105 100

120 48.6 23.5 70.5





#81

trans-1,4-Dichloro-2-butene

Concen: 15.87 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

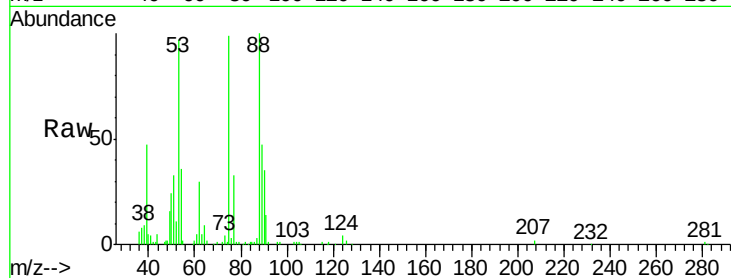
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 75 Resp: 77270

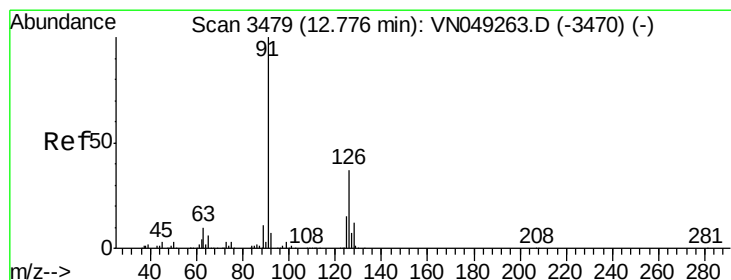
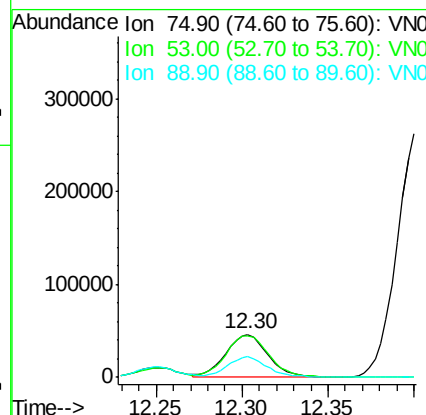
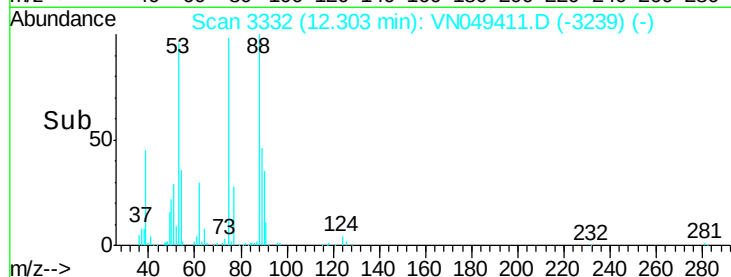
Ion	Ratio	Lower	Upper
75	100		
53	103.0	82.7	124.1
89	46.5	36.5	54.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.77 ug/l

RT: 12.78 min Scan# 3479

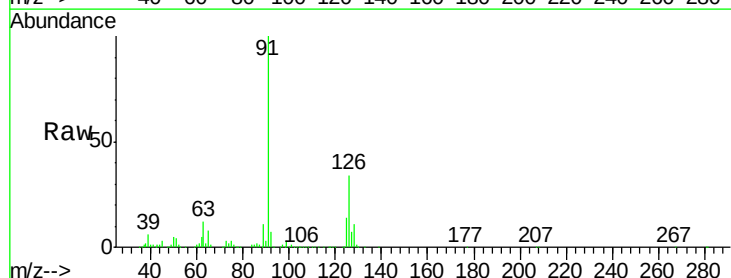
Delta R.T. 0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

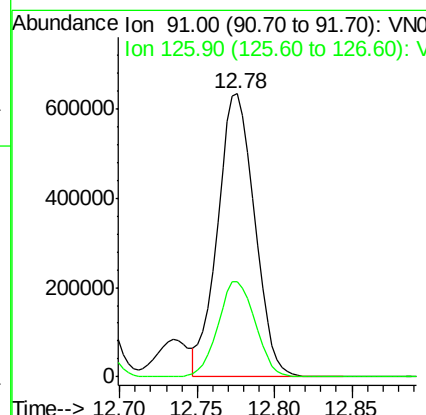
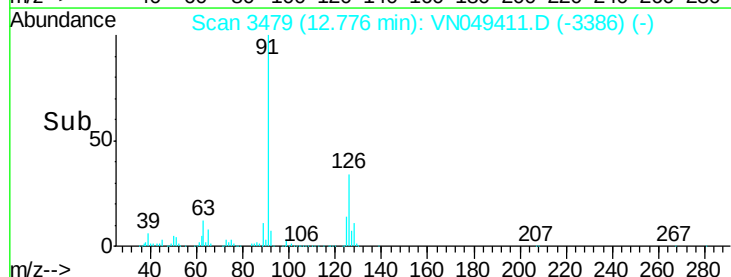
Tgt Ion: 91 Resp: 1051050

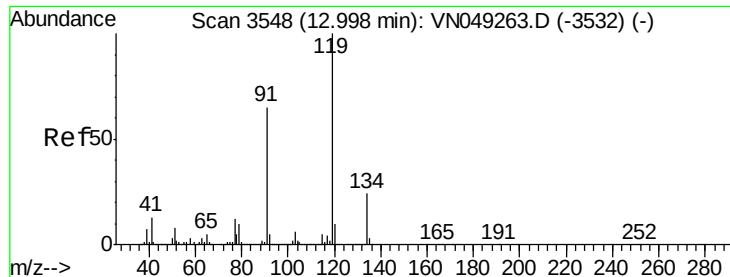
Ion	Ratio	Lower	Upper
91	100		
126	34.0	16.4	49.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.20 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

Instrument :

MSVOA_N

ClientSampled :

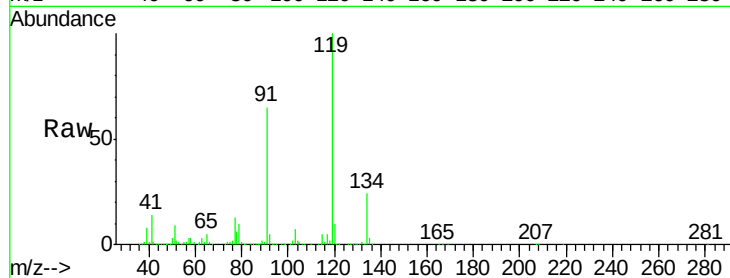
Tot Ion:119 Resp: 1059089

Ion Ratio Lower Upper

119 100

91 64.6 33.7 101.0

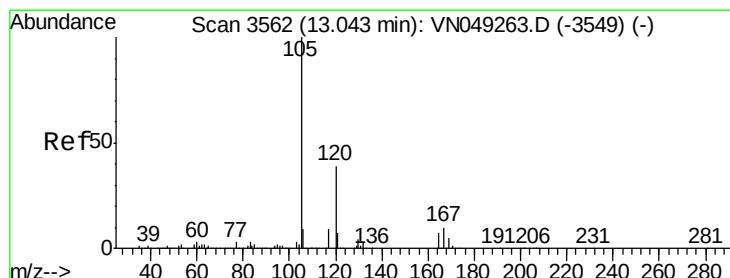
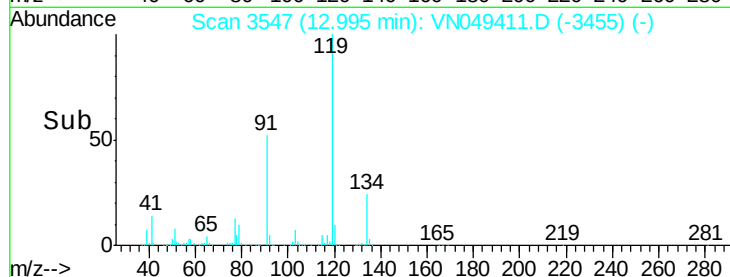
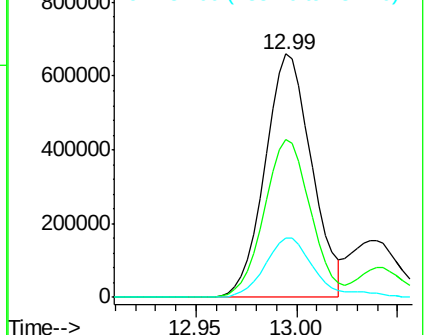
134 26.1 12.9 38.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.43 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049411.D

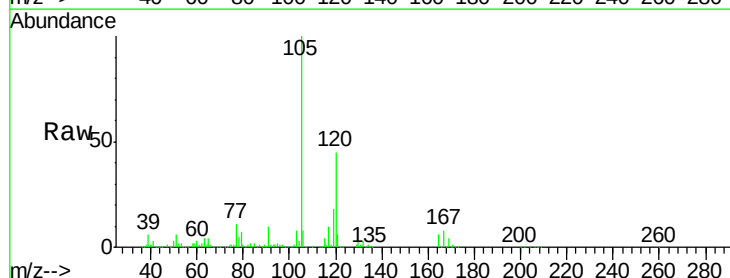
Acq: 20 Jun 2018 3:12

Tgt Ion:105 Resp: 1263633

Ion Ratio Lower Upper

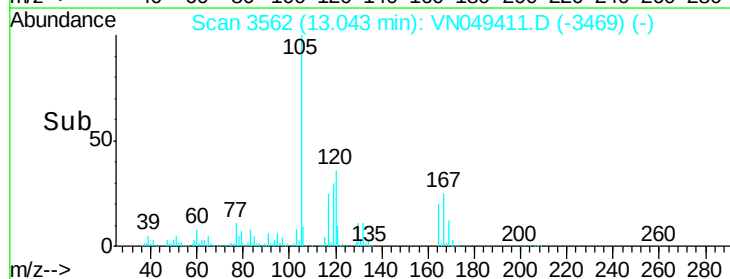
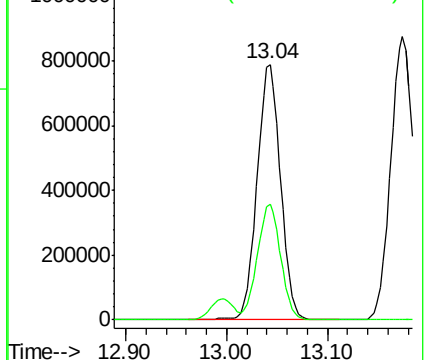
105 100

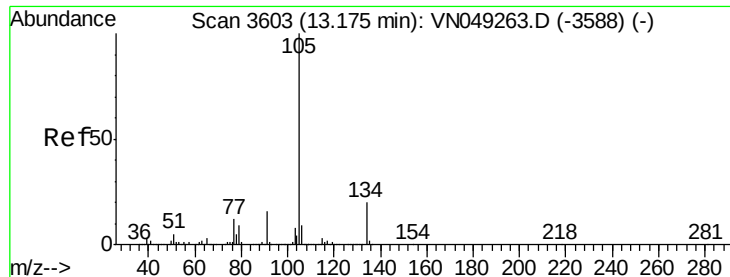
120 45.1 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.98 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

Instrument :

MSVOA_N

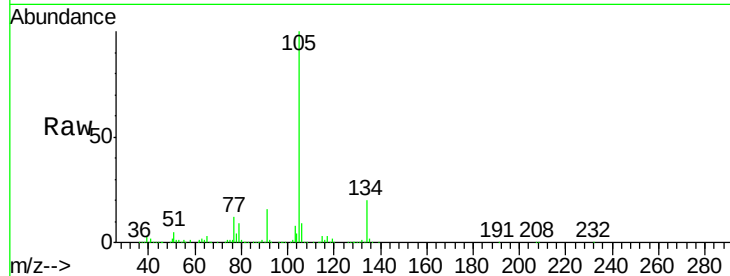
ClientSampled :

Tot Ion:105 Resp: 1393187

Ion Ratio Lower Upper

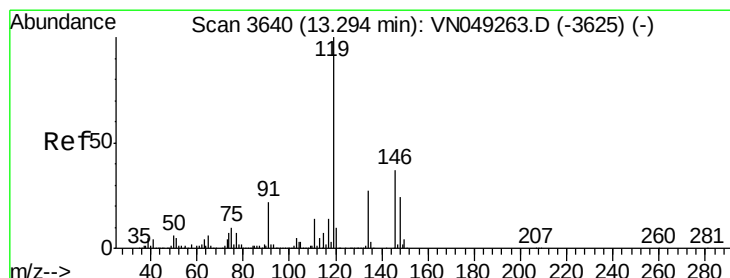
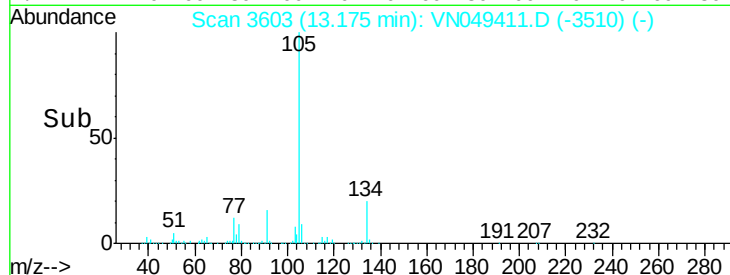
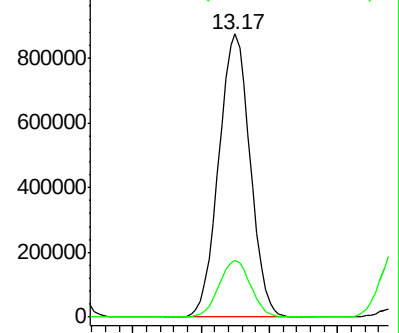
105 100

134 20.2 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.07 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

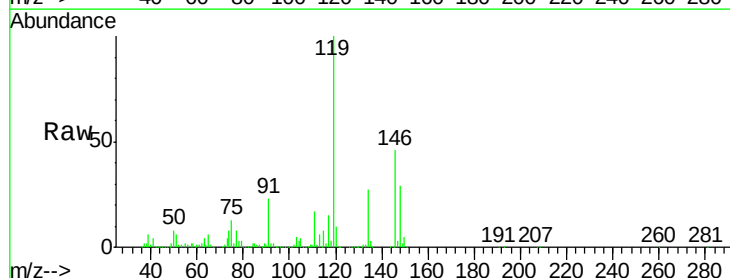
Tgt Ion:119 Resp: 1169673

Ion Ratio Lower Upper

119 100

134 26.6 12.9 38.6

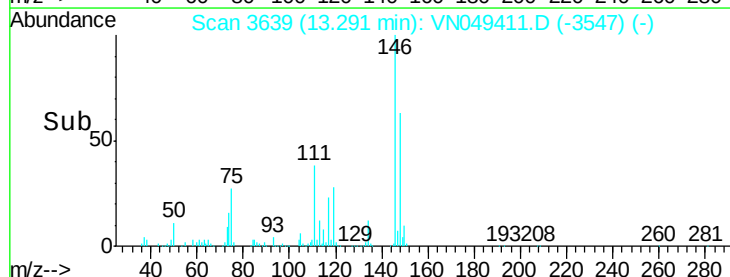
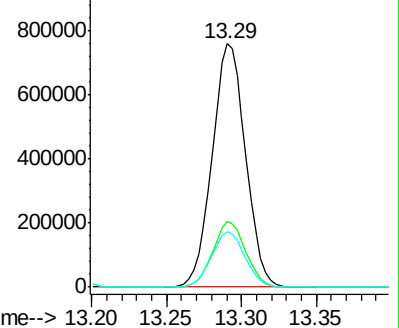
91 22.6 12.1 36.3

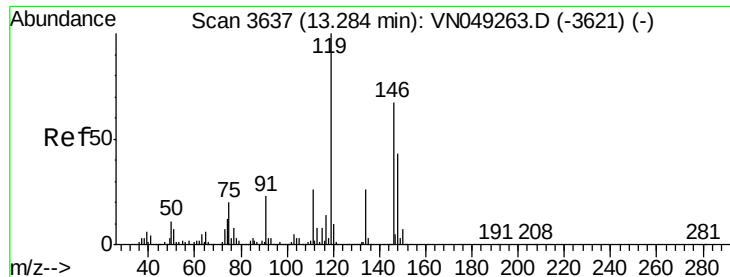


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

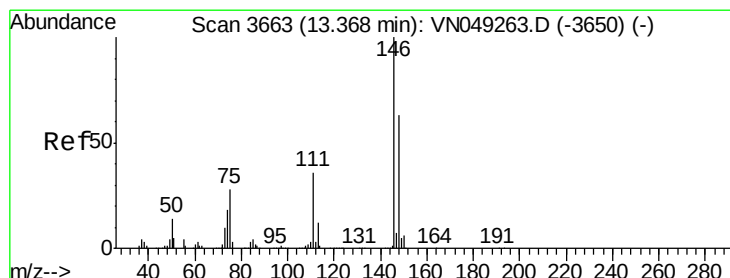
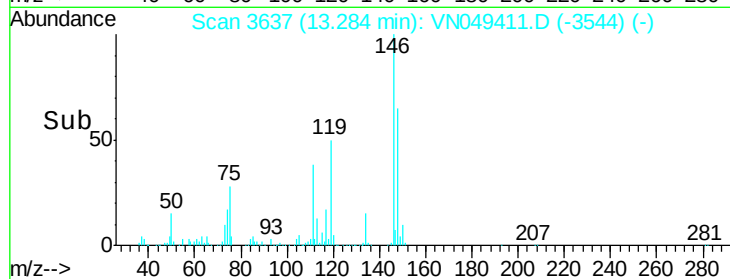
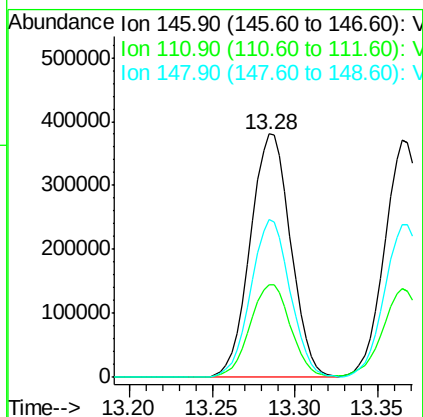
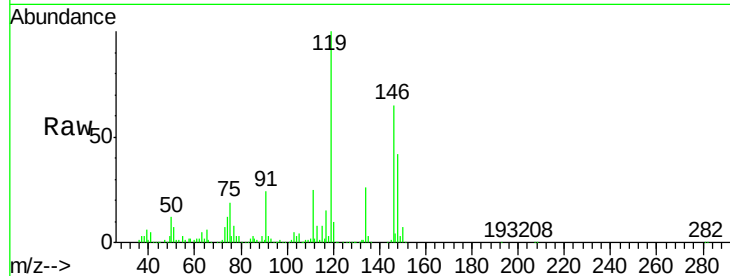




#87
 1,3-Dichlorobenzene
 Concen: 18.72 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049411.D
 Acq: 20 Jun 2018 3:12

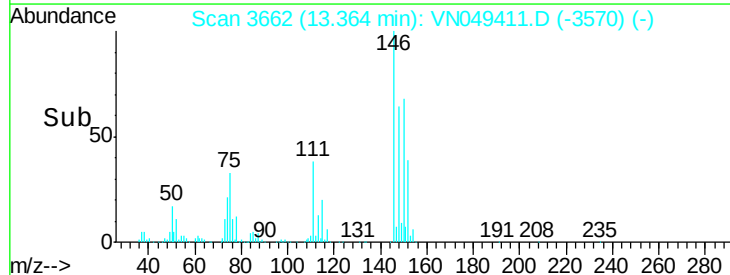
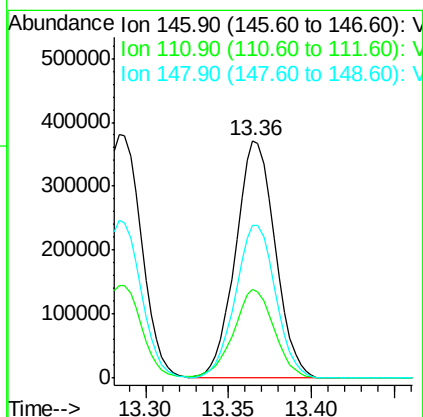
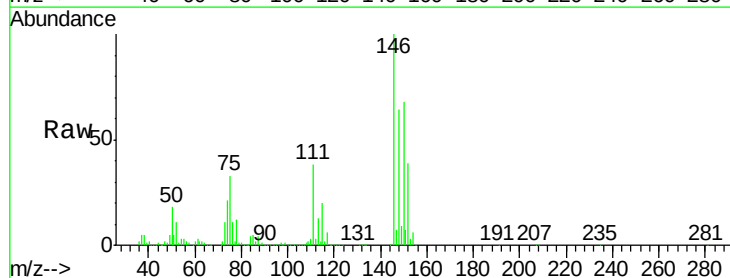
Instrument :
 MSVOA_N
 ClientSampled :

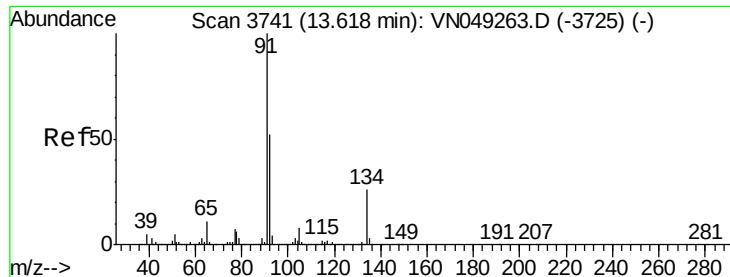
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.9	59.6
148	63.1	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 18.04 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN049411.D
 Acq: 20 Jun 2018 3:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.1	57.1
148	65.5	32.0	96.2





#89

n-Butylbenzene

Concen: 17.02 ug/l

RT: 13.62 min Scan# 3741

Delta R.T. 0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

Instrument :

MSVOA_N

ClientSampleId :

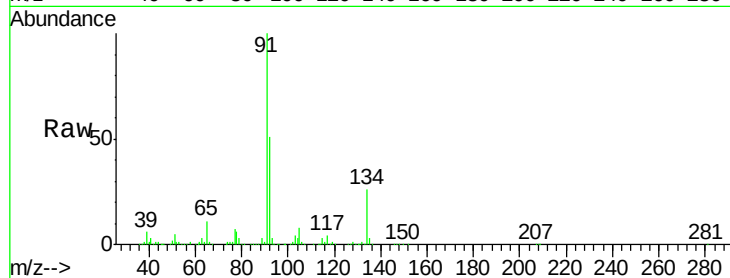
Tot Ion: 91 Resp: 815468

Ion Ratio Lower Upper

91 100

92 50.6 25.1 75.4

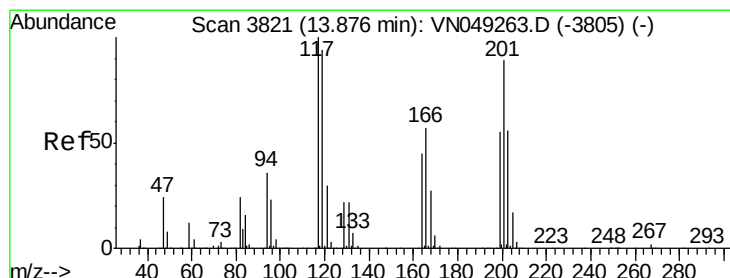
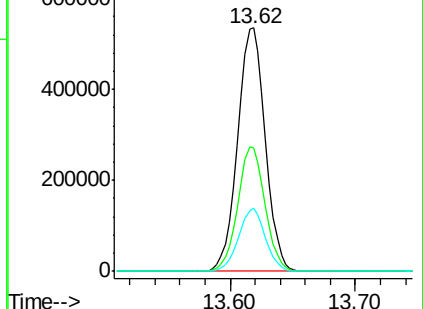
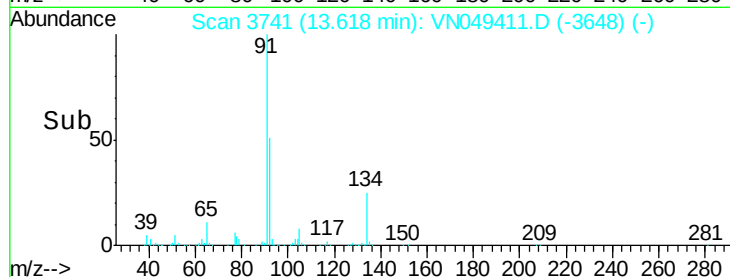
134 25.2 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN049411.D (-3648) (-)

Ion 92.00 (91.70 to 92.70): VN049411.D (-3648) (-)

Ion 134.00 (133.70 to 134.70): VN049411.D (-3648) (-)



#90

Hexachloroethane

Concen: 19.87 ug/l

RT: 13.88 min Scan# 3821

Delta R.T. 0.00 min

Lab File: VN049411.D

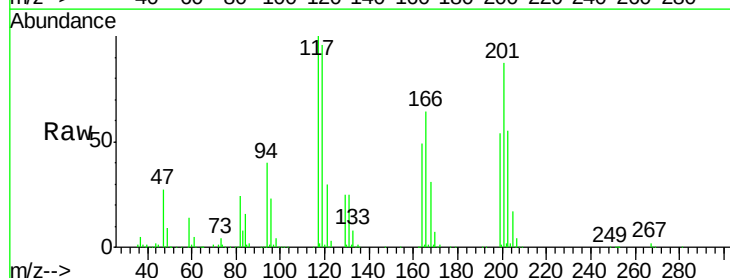
Acq: 20 Jun 2018 3:12

Tgt Ion: 117 Resp: 242528

Ion Ratio Lower Upper

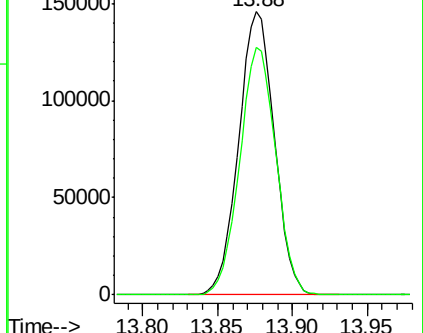
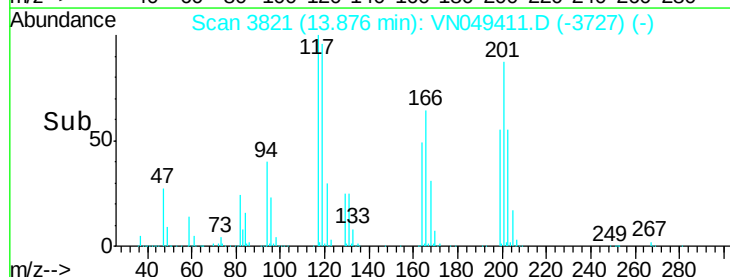
117 100

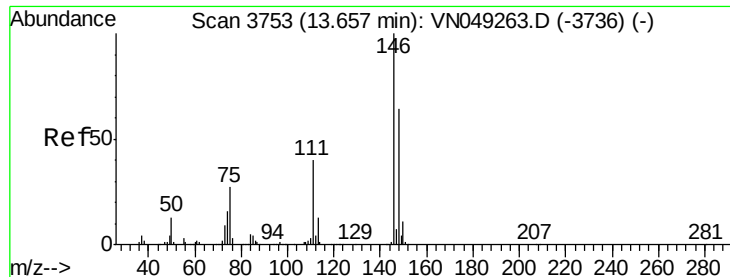
201 88.1 40.1 120.2



Abundance Ion 116.80 (116.50 to 117.50): VN049411.D (-3727) (-)

Ion 200.70 (200.40 to 201.40): VN049411.D (-3727) (-)





#91

1,2-Dichlorobenzene

Concen: 19.08 ug/l

RT: 13.66 min Scan# 3753

Delta R.T. 0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

Instrument :

MSVOA_N

ClientSampleId :

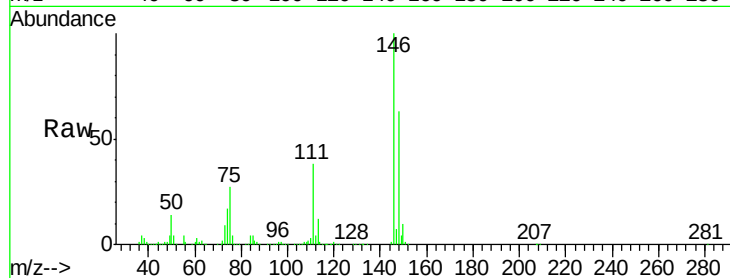
Tot Ion:146 Resp: 643998

Ion Ratio Lower Upper

146 100

111 39.2 20.8 62.2

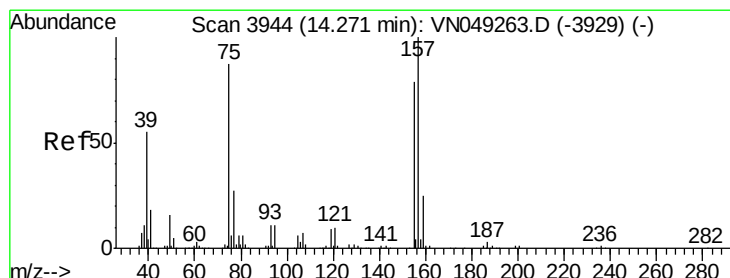
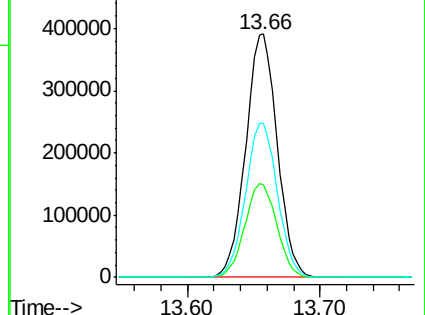
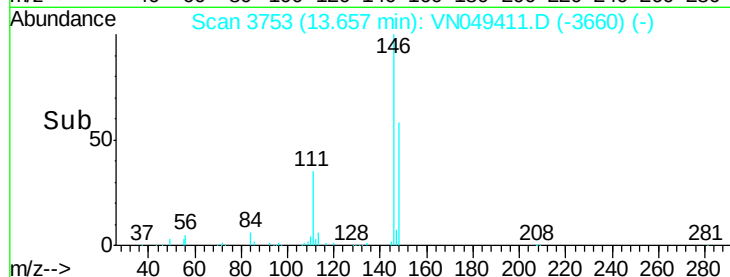
148 64.2 32.0 96.2



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: 17.84 ug/l

RT: 14.27 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

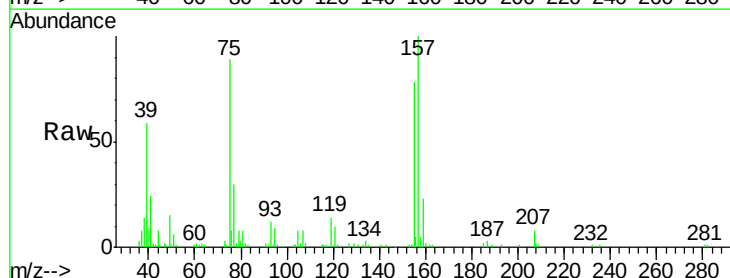
Tgt Ion: 75 Resp: 49190

Ion Ratio Lower Upper

75 100

155 90.3 38.8 116.3

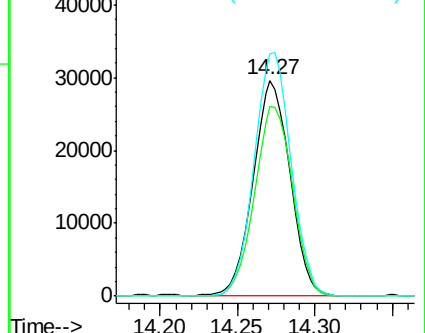
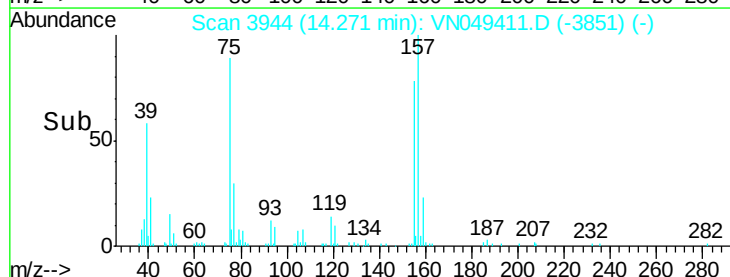
157 113.2 51.0 153.1

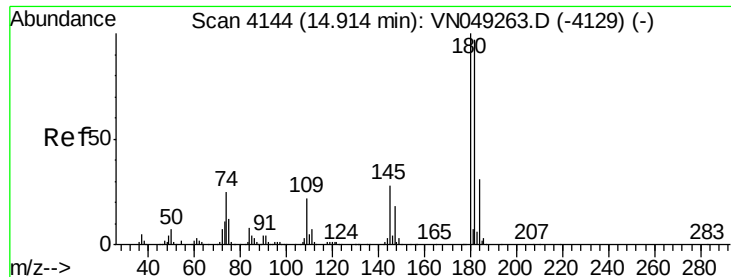


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

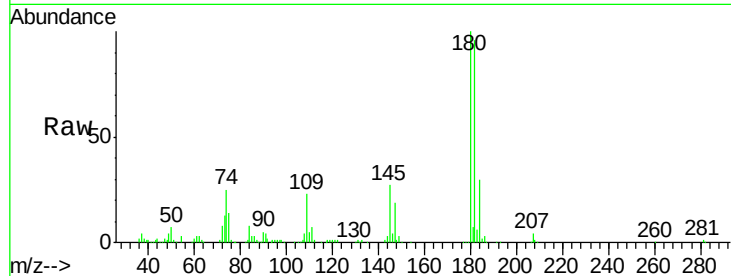




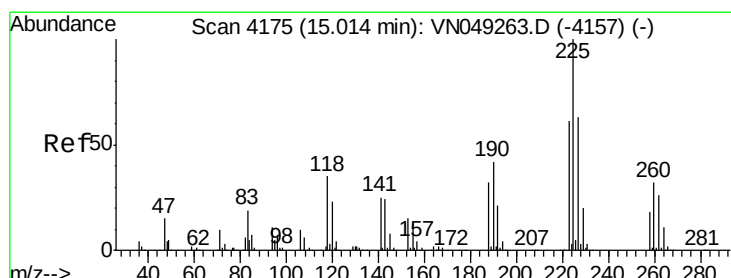
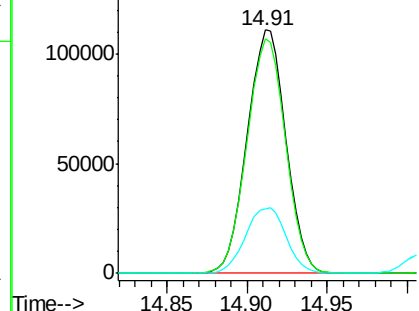
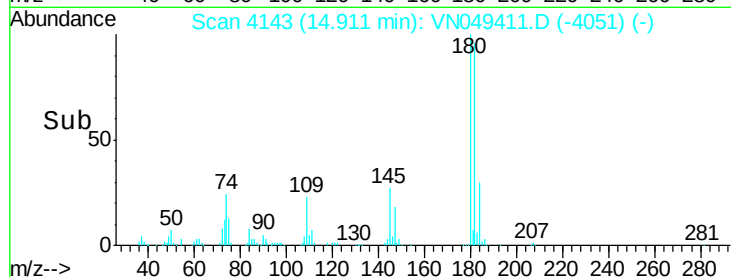
#93
 1,2,4-Trichlorobenzene
 Concen: 15.43 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049411.D
 Acq: 20 Jun 2018 3:12

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	46.9	140.8
145	28.4	14.7	44.1

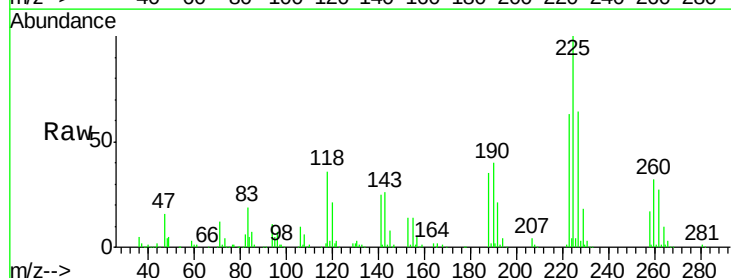


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

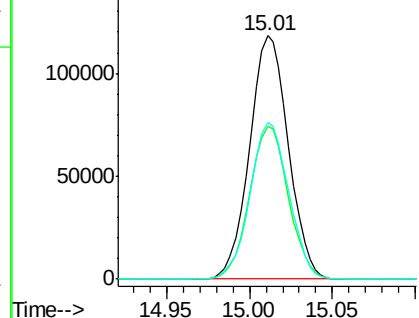
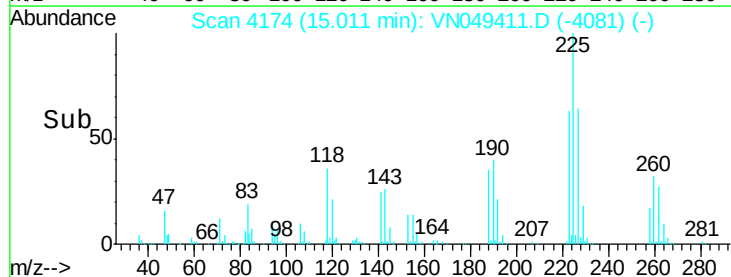


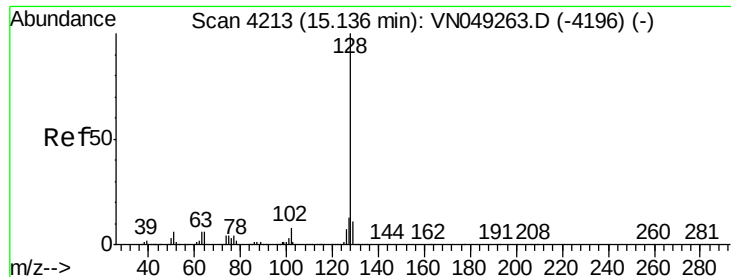
#94
 Hexachlorobutadiene
 Concen: 17.69 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN049411.D
 Acq: 20 Jun 2018 3:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	32.1	96.3
227	64.3	31.8	95.3



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





#95

Naphthalene

Concen: 16.08 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

Instrument :

MSVOA_N

ClientSampled :

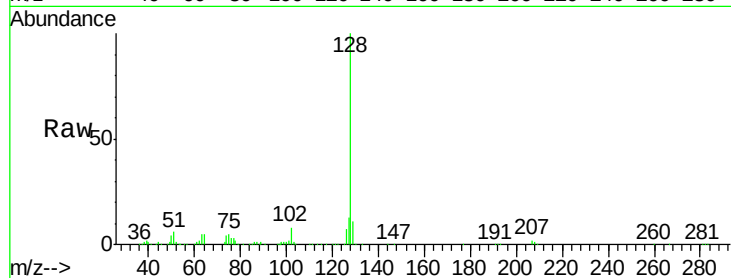
Tot Ion:128 Resp: 364519

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

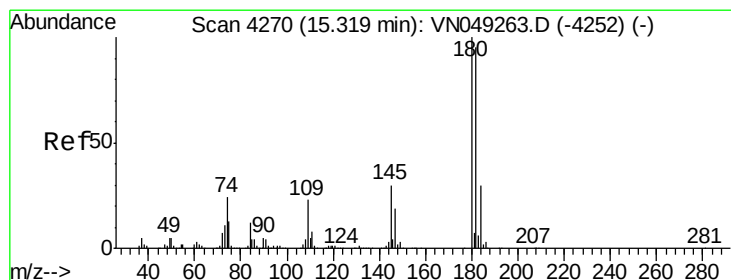
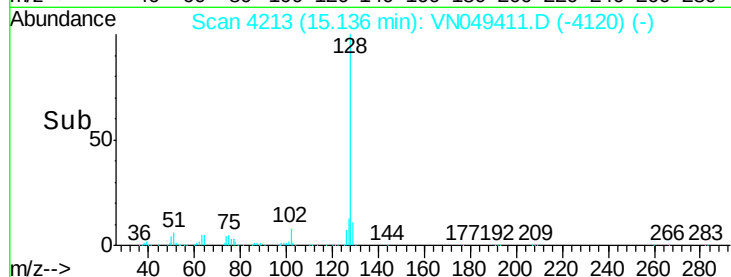
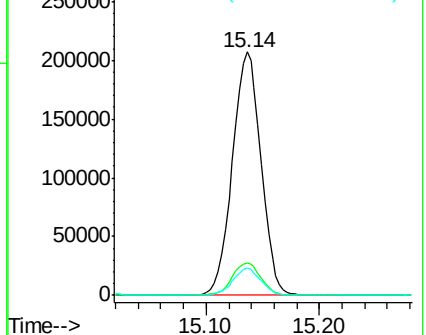
129 10.9 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 16.20 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. -0.00 min

Lab File: VN049411.D

Acq: 20 Jun 2018 3:12

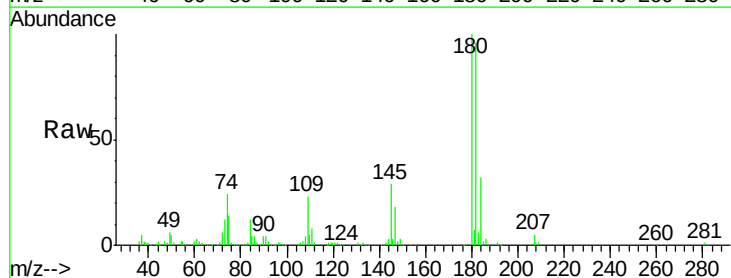
Tgt Ion:180 Resp: 207060

Ion Ratio Lower Upper

180 100

182 95.8 47.3 141.8

145 29.4 15.6 46.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

