

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049309.D
 Acq On : 16 Jun 2018 14:35
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 18 03:16:59 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	1435680	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2163722	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1971177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1011335	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	944184	49.58	ug/l	0.00
Spiked Amount			Recovery	=	99.16%	
35) Dibromofluoromethane	7.59	113	856470	48.93	ug/l	0.00
Spiked Amount			Recovery	=	97.86%	
50) Toluene-d8	10.09	98	3296489	49.46	ug/l	0.00
Spiked Amount			Recovery	=	98.92%	
62) 4-Bromofluorobenzene	12.40	95	1114739	50.58	ug/l	0.00
Spiked Amount			Recovery	=	101.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	740789	44.83	ug/l	100
3) Chloromethane	2.06	50	947119	44.39	ug/l	98
4) Vinyl Chloride	2.18	62	1036371	45.70	ug/l	99
5) Bromomethane	2.56	94	508475	42.65	ug/l	96
6) Chloroethane	2.70	64	651300	48.17	ug/l	99
7) Trichlorofluoromethane	3.01	101	1336641	47.25	ug/l	100
8) Diethyl Ether	3.41	74	453933	45.96	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.75	101	834588	46.51	ug/l	94
10) Methyl Iodide	3.95	142	1036778	55.50	ug/l	92
11) Tert butyl alcohol	4.79	59	229134	205.02	ug/l	98
12) 1,1-Dichloroethene	3.73	96	765649	46.51	ug/l	90
13) Acrolein	3.61	56	237657	202.77	ug/l	98
14) Allyl chloride	4.32	41	1162737	44.73	ug/l	90
15) Acrylonitrile	4.99	53	1267270	226.76	ug/l	98
16) Acetone	3.82	43	886062	191.65	ug/l	93
17) Carbon Disulfide	4.05	76	2269038	43.98	ug/l	100
18) Methyl Acetate	4.33	43	628252	44.57	ug/l	95
19) Methyl tert-butyl Ether	5.05	73	2013646	47.98	ug/l	99
20) Methylene Chloride	4.55	84	882436	45.70	ug/l	91
21) trans-1,2-Dichloroethene	5.04	96	824934	47.33	ug/l	92
22) Diisopropyl ether	5.95	45	2606514	50.22	ug/l	96
23) Vinyl Acetate	5.90	43	8186026	241.92	ug/l	96
24) 1,1-Dichloroethane	5.85	63	1565349	47.12	ug/l	99
25) 2-Butanone	6.84	43	1310089	211.03	ug/l	97
26) 2,2-Dichloropropane	6.82	77	808303	30.13	ug/l	94
27) cis-1,2-Dichloroethene	6.83	96	924775	47.73	ug/l	89
28) Bromochloromethane	7.19	49	712805	48.40	ug/l	# 83
29) Tetrahydrofuran	7.21	42	910472	227.83	ug/l	95
30) Chloroform	7.37	83	1582620	47.87	ug/l	99
31) Cyclohexane	7.65	56	1397694	49.63	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	1358574	48.16	ug/l	97
36) 1,1-Dichloropropene	7.79	75	1211670	48.86	ug/l	98
37) Ethyl Acetate	6.93	43	636730	47.23	ug/l	97
38) Carbon Tetrachloride	7.77	117	1222309	47.61	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049309.D
 Acq On : 16 Jun 2018 14:35
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 18 03:16:59 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	1278311	48.02	ug/l	95
40) Benzene	8.04	78	3619724	47.61	ug/l	99
41) Methacrylonitrile	7.17	41	343478	47.13	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	1100886	46.87	ug/l	96
43) Isopropyl Acetate	8.17	43	1201763	46.66	ug/l	97
44) Trichloroethene	8.83	130	963920	48.01	ug/l	96
45) 1,2-Dichloropropane	9.12	63	944727	47.46	ug/l	100
46) Dibromomethane	9.21	93	536557	46.49	ug/l	91
47) Bromodichloromethane	9.40	83	1211001	47.74	ug/l	97
48) Methyl methacrylate	9.20	41	560997	46.25	ug/l	86
49) 1,4-Dioxane	9.20	88	152746	912.39	ug/l	91
51) 4-Methyl-2-Pentanone	9.99	43	3117269	230.91	ug/l	95
52) Toluene	10.16	92	2236957	50.13	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	1095199	45.13	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1305448	45.56	ug/l #	89
55) 1,1,2-Trichloroethane	10.56	97	770270	46.31	ug/l	96
56) Ethyl methacrylate	10.43	69	939685	48.97	ug/l #	87
57) 1,3-Dichloropropane	10.71	76	1313145	47.65	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	1475294	217.04	ug/l	95
59) 2-Hexanone	10.75	43	1972453	226.63	ug/l	94
60) Dibromochloromethane	10.90	129	888403	47.85	ug/l	99
61) 1,2-Dibromoethane	11.01	107	740387	47.88	ug/l	99
64) Tetrachloroethene	10.63	164	1021234	50.56	ug/l	99
65) Chlorobenzene	11.44	112	2434450	47.94	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	907622	47.50	ug/l	99
67) Ethyl Benzene	11.51	91	4262463	50.61	ug/l	98
68) m/p-Xylenes	11.62	106	3253600	102.93	ug/l	98
69) o-Xylene	11.95	106	1566084	51.44	ug/l	96
70) Styrene	11.97	104	2570110	53.51	ug/l	97
71) Bromoform	12.13	173	583910	47.21	ug/l #	100
73) Isopropylbenzene	12.25	105	4221278	47.54	ug/l	98
74) N-amyl acetate	12.07	43	985995	45.33	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.51	83	863946	47.17	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	1072546	62.16	ug/l #	100
77) Bromobenzene	12.53	156	1035410	44.14	ug/l	90
78) n-propylbenzene	12.59	91	4803390	49.27	ug/l	99
79) 2-Chlorotoluene	12.68	91	2855344	46.22	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	3451165	49.45	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	204362	37.43	ug/l	93
82) 4-Chlorotoluene	12.78	91	2846173	47.76	ug/l	97
83) tert-Butylbenzene	12.99	119	2922979	47.27	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	3498931	50.46	ug/l	98
85) sec-Butylbenzene	13.17	105	3918273	47.61	ug/l	99
86) p-Isopropyltoluene	13.29	119	3353855	48.78	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	1816095	47.07	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1763761	46.12	ug/l	99
89) n-Butylbenzene	13.62	91	2638798	49.13	ug/l	98
90) Hexachloroethane	13.88	117	654601	50.32	ug/l	88
91) 1,2-Dichlorobenzene	13.66	146	1756023	46.40	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	127362	41.20	ug/l	88

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
Data File : VN049309.D
Acq On : 16 Jun 2018 14:35
Operator : MD\SY
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 18 03:16:59 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

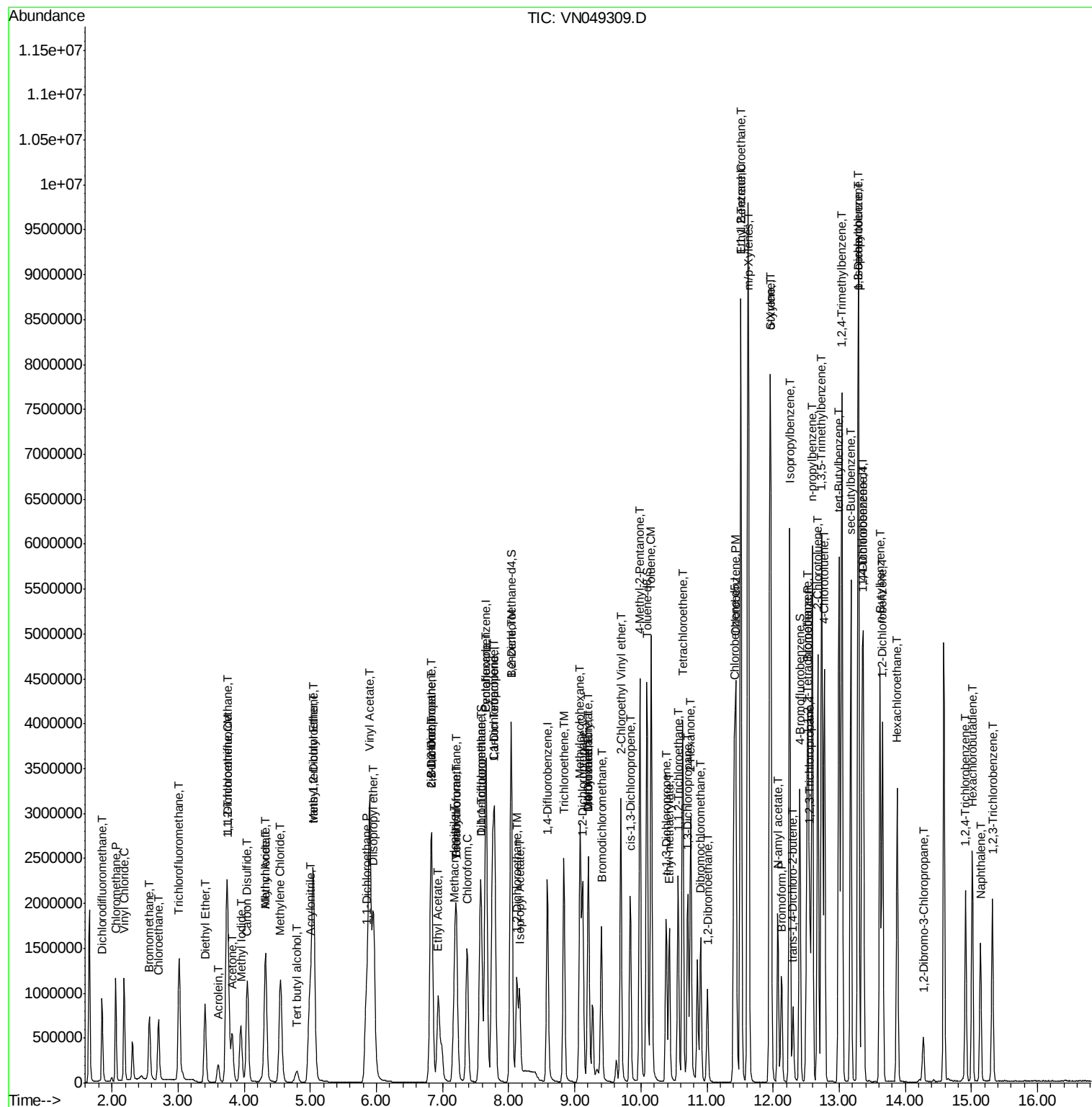
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	718472	42.24	ug/l	99
94) Hexachlorobutadiene	15.01	225	540659	48.78	ug/l	99
95) Naphthalene	15.14	128	1321832	43.94	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	723314	43.17	ug/l	98

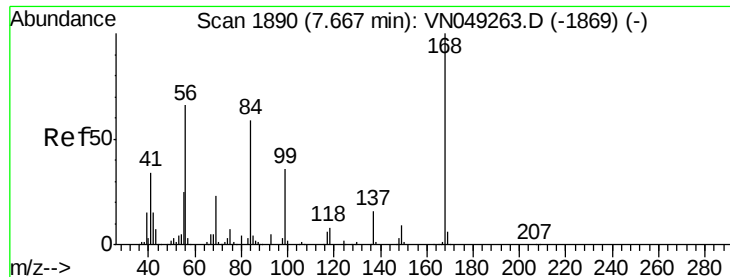
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049309.D
 Acq On : 16 Jun 2018 14:35
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 18 03:16:59 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049309.D

Acq: 16 Jun 2018 14:35

Instrument :

MSVOA_N

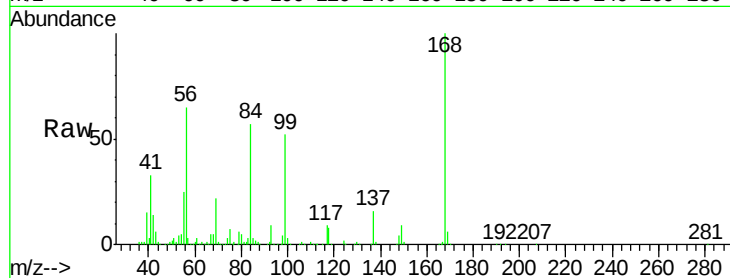
ClientSampleId :

Tot Ion:168 Resp: 1435680

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): VN

7.67

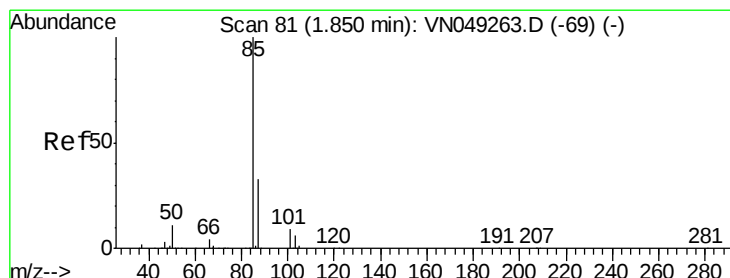
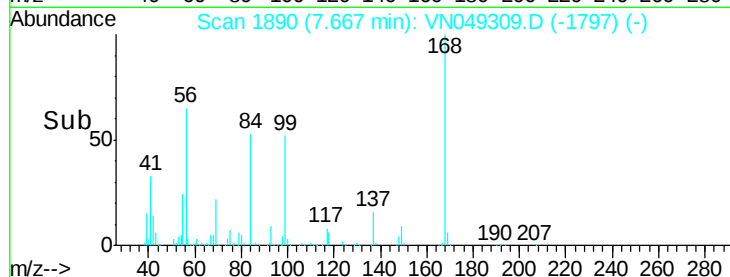
600000

400000

200000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.83 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN049309.D

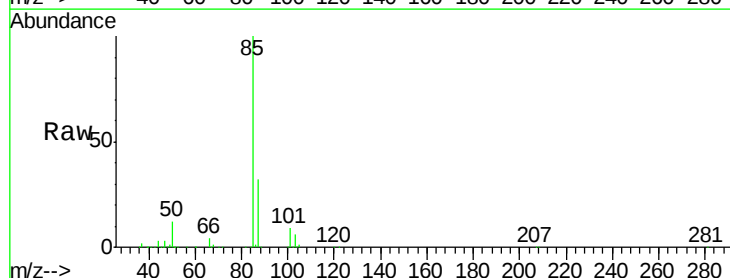
Acq: 16 Jun 2018 14:35

Tgt Ion: 85 Resp: 740789

Ion Ratio Lower Upper

85 100

87 32.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

600000

500000

400000

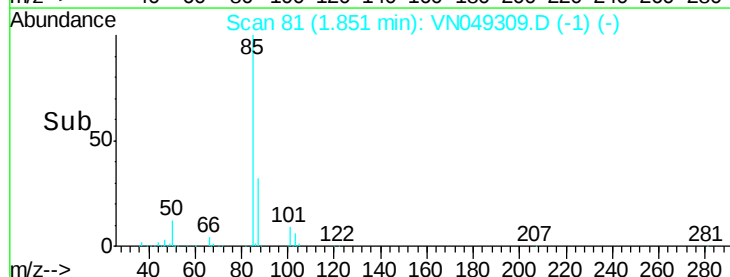
300000

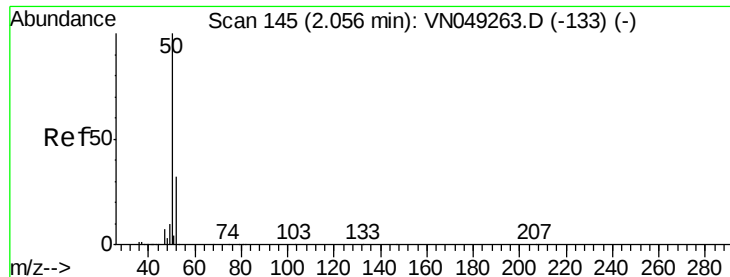
200000

100000

0

Time-->





#3

Chloromethane

Concen: 44.39 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049309.D

Acq: 16 Jun 2018 14:35

Instrument :

MSVOA_N

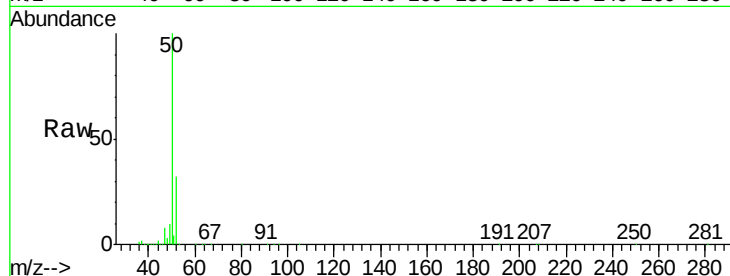
ClientSampleId :

Tot Ion: 50 Resp: 947119

Ion Ratio Lower Upper

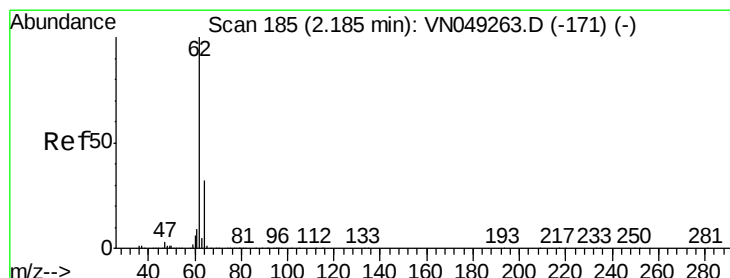
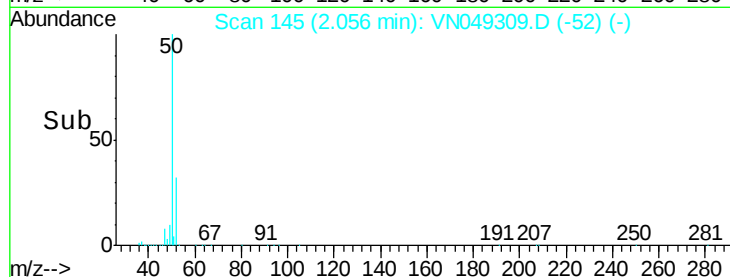
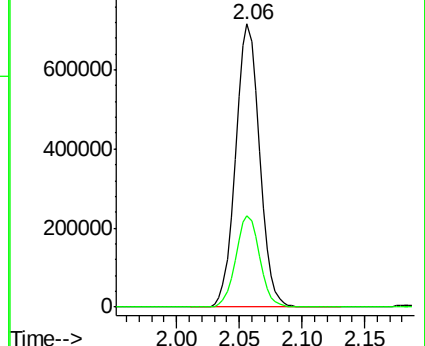
50 100

52 32.3 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VN049309.D (-52) (-)

Ion 51.90 (51.60 to 52.60): VN049309.D (-52) (-)



#4

Vinyl Chloride

Concen: 45.70 ug/l

RT: 2.18 min Scan# 185

Delta R.T. 0.00 min

Lab File: VN049309.D

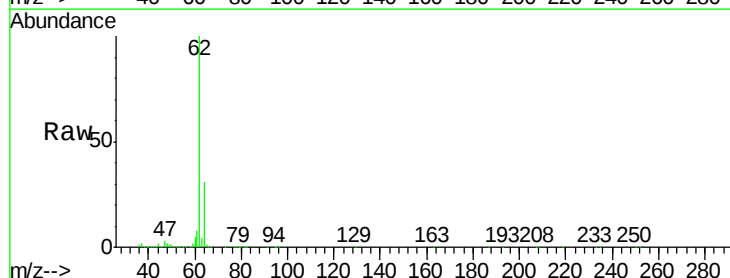
Acq: 16 Jun 2018 14:35

Tgt Ion: 62 Resp: 1036371

Ion Ratio Lower Upper

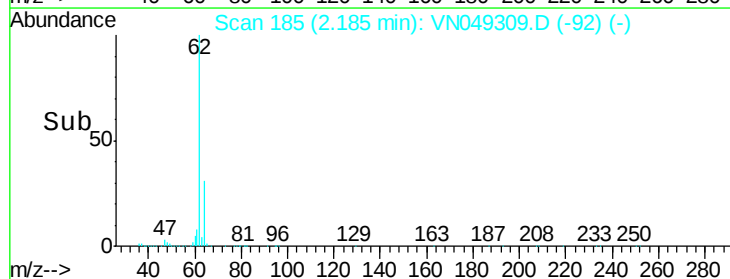
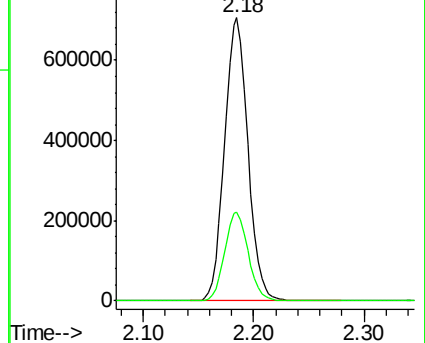
62 100

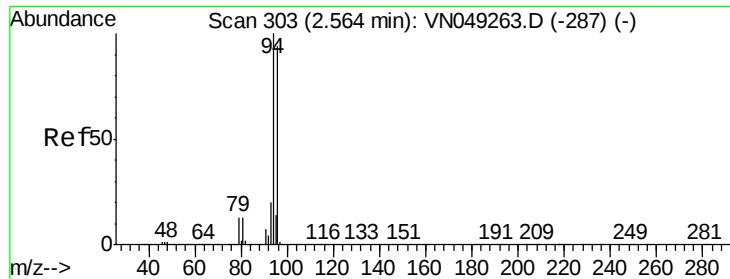
64 31.4 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN049309.D (-92) (-)

Ion 63.90 (63.60 to 64.60): VN049309.D (-92) (-)





#5

Bromomethane

Concen: 42.65 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN049309.D

Acq: 16 Jun 2018 14:35

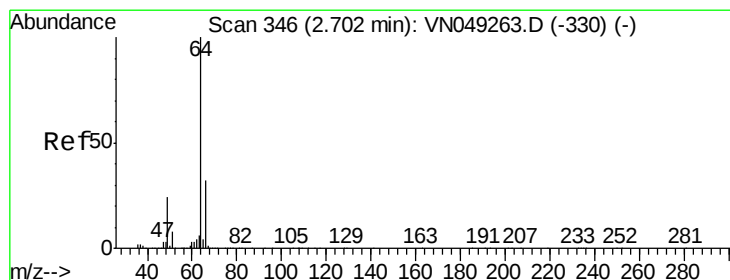
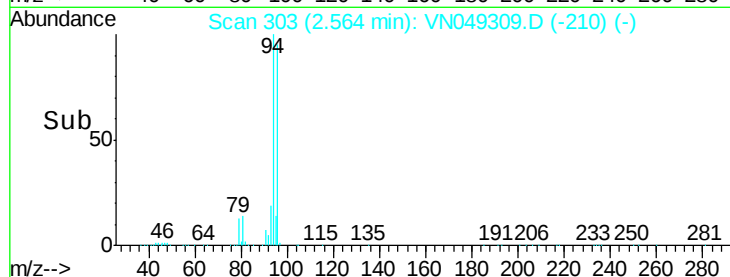
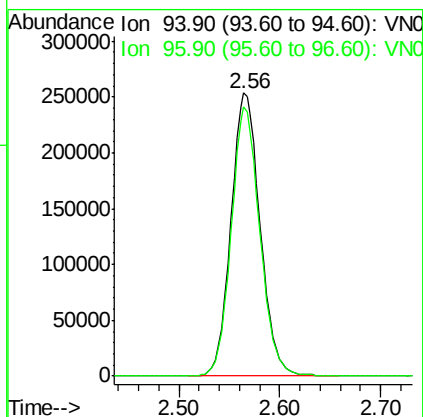
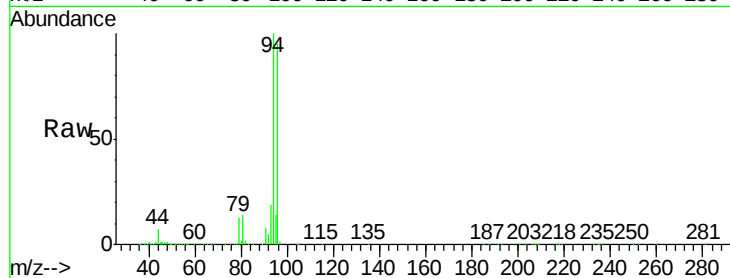
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 94 Resp: 508475

Ion Ratio Lower Upper

94 100

96 94.9 72.8 109.2



#6

Chloroethane

Concen: 48.17 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049309.D

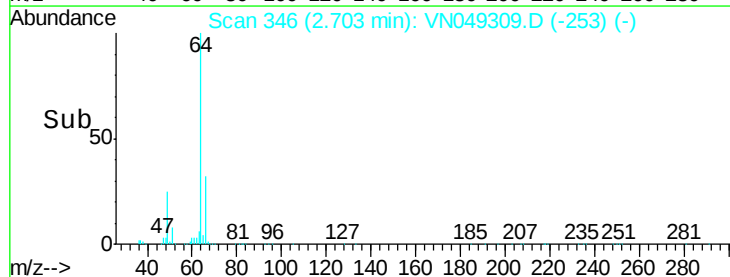
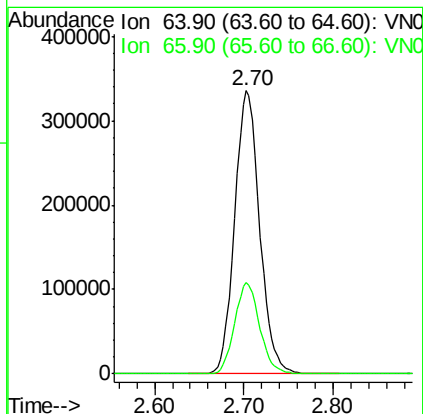
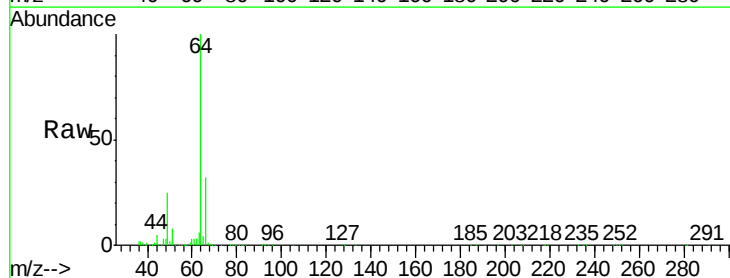
Acq: 16 Jun 2018 14:35

Tgt Ion: 64 Resp: 651300

Ion Ratio Lower Upper

64 100

66 32.4 25.6 38.4



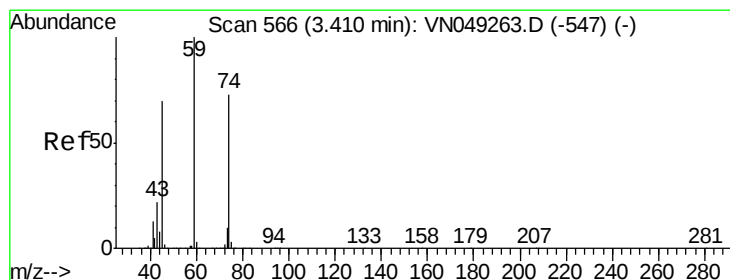
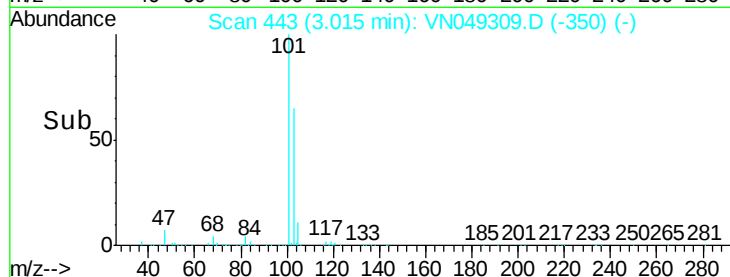
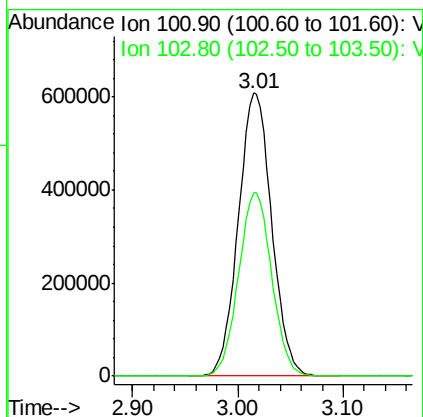
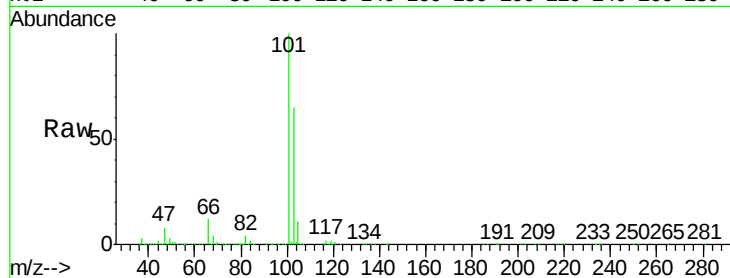


#7

Trichlorofluoromethane
Concen: 47.25 ug/l
RT: 3.01 min Scan# 443
Delta R.T. 0.00 min
Lab File: VN049309.D
Acq: 16 Jun 2018 14:35

Instrument :
MSVOA_N
ClientSampleId :

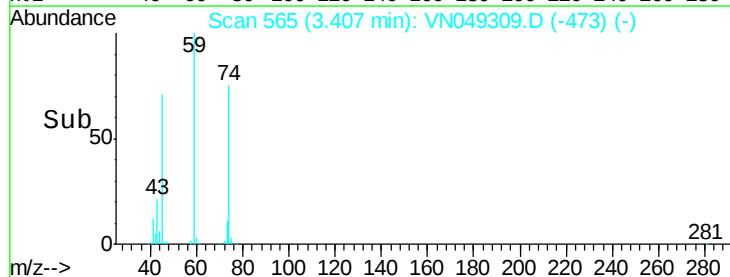
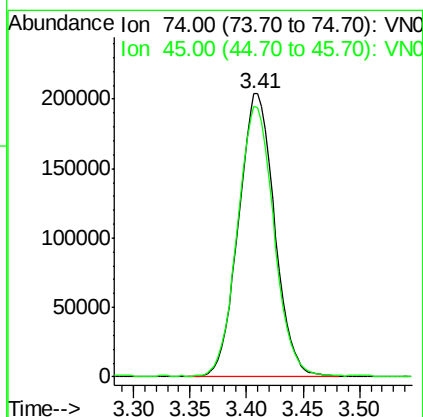
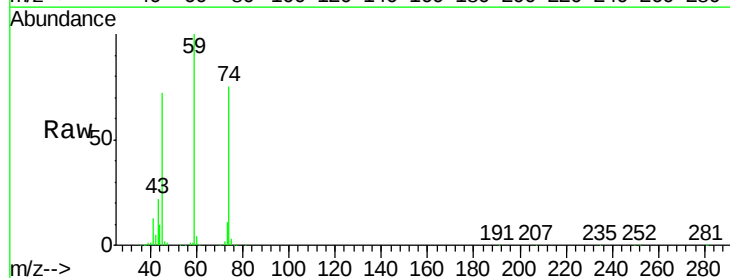
Tot Ion:101 Resp: 1336641
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5

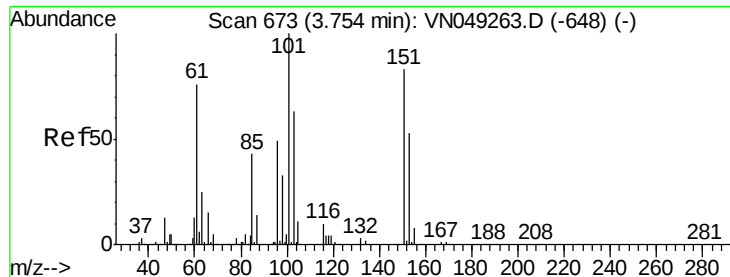


#8

Diethyl Ether
Concen: 45.96 ug/l
RT: 3.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: VN049309.D
Acq: 16 Jun 2018 14:35

Tgt Ion: 74 Resp: 453933
Ion Ratio Lower Upper
74 100
45 95.6 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.51 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN049309.D

Acq: 16 Jun 2018 14:35

Instrument :

MSVOA_N

ClientSampleId :

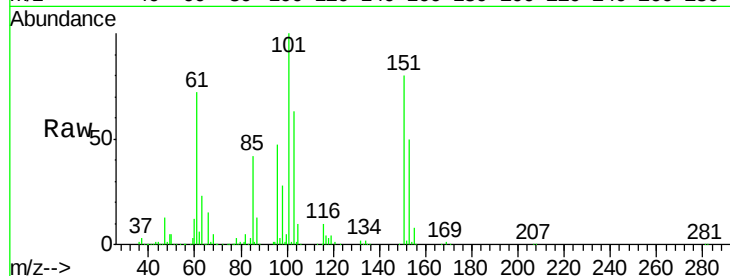
Tot Ion:101 Resp: 834588

Ion Ratio Lower Upper

101 100

85 42.6 37.6 56.4

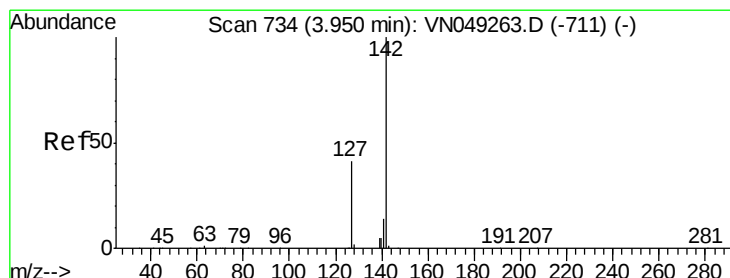
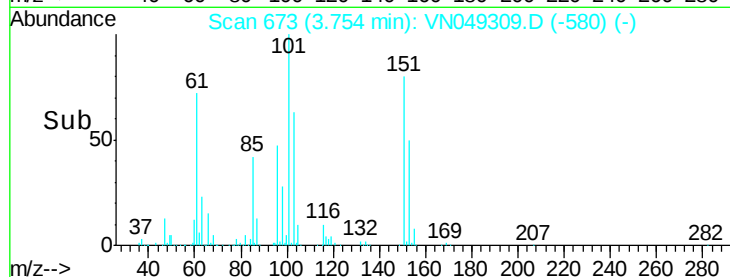
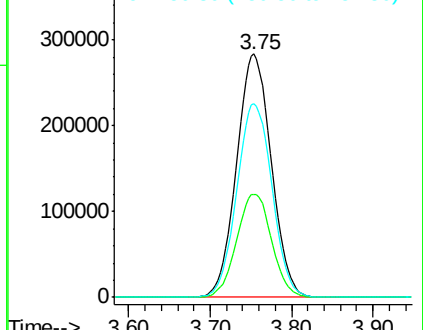
151 80.9 61.1 91.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 55.50 ug/l

RT: 3.95 min Scan# 734

Delta R.T. 0.00 min

Lab File: VN049309.D

Acq: 16 Jun 2018 14:35

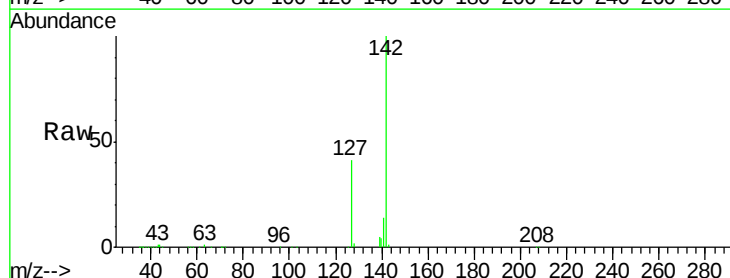
Tgt Ion:142 Resp: 1036778

Ion Ratio Lower Upper

142 100

127 41.2 38.2 57.4

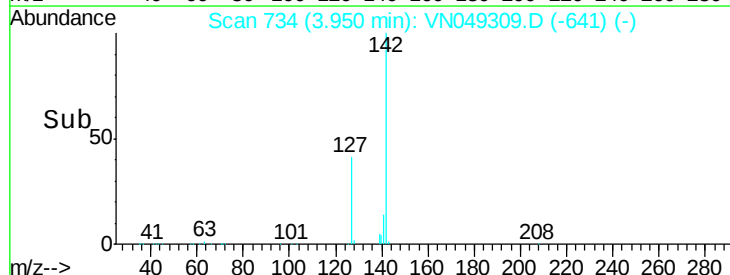
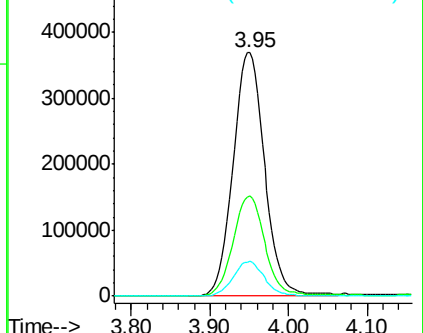
141 14.1 11.9 17.9

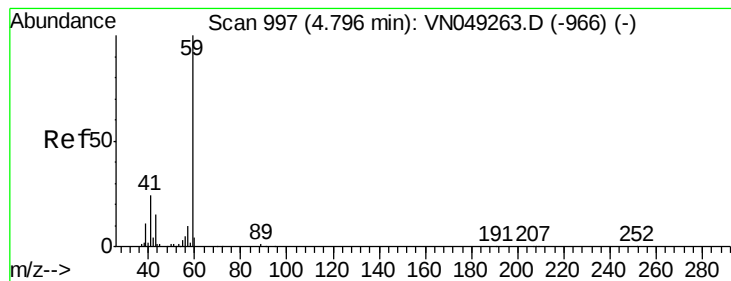


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



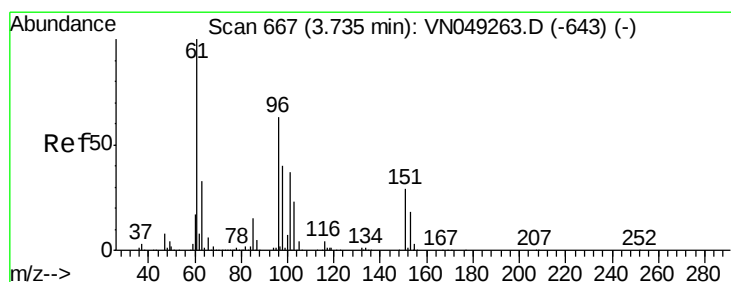
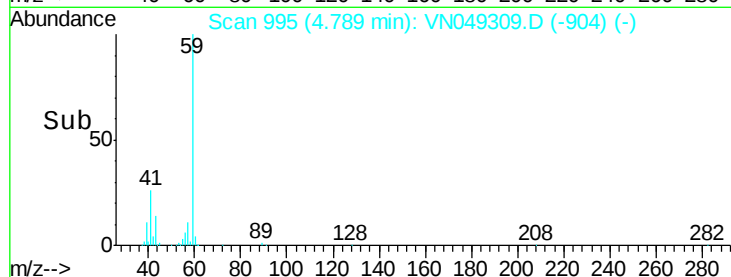
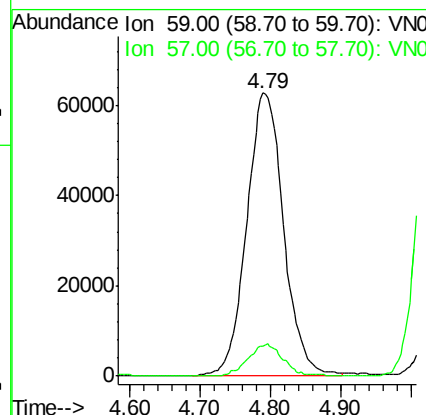
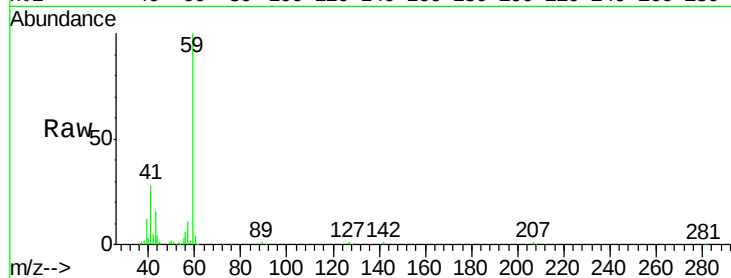


#11

Tert butyl alcohol
Concen: 205.02 ug/l
RT: 4.79 min Scan# 995
Delta R.T. -0.01 min
Lab File: VN049309.D
Acq: 16 Jun 2018 14:35

Instrument :
MSVOA_N
ClientSampleId :

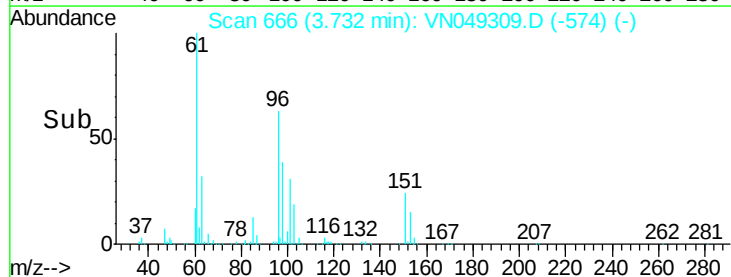
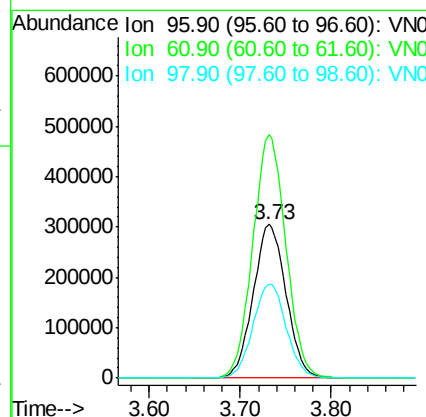
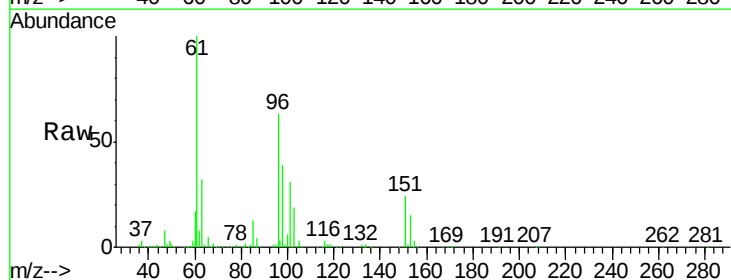
Tot Ion: 59 Resp: 229134
Ion Ratio Lower Upper
59 100
57 10.7 9.0 13.6

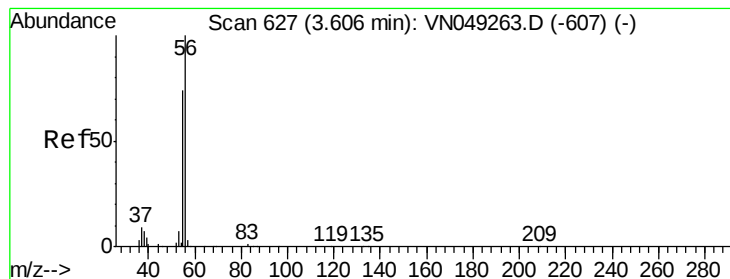


#12

1,1-Dichloroethene
Concen: 46.51 ug/l
RT: 3.73 min Scan# 666
Delta R.T. -0.00 min
Lab File: VN049309.D
Acq: 16 Jun 2018 14:35

Tgt Ion: 96 Resp: 765649
Ion Ratio Lower Upper
96 100
61 158.5 141.0 211.4
98 61.3 50.4 75.6





#13

Acrolein

Concen: 202.77 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN049309.D

Acq: 16 Jun 2018 14:35

Instrument :

MSVOA_N

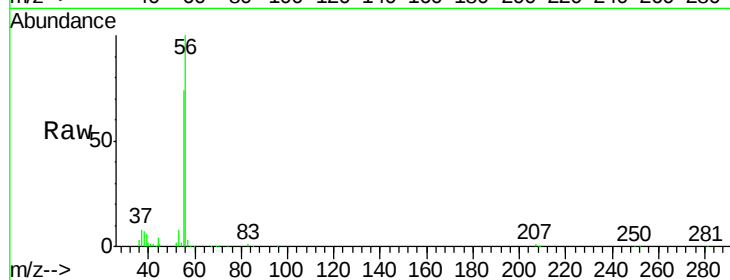
ClientSampled :

Tot Ion: 56 Resp: 237657

Ion Ratio Lower Upper

56 100

55 70.1 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

100000

80000

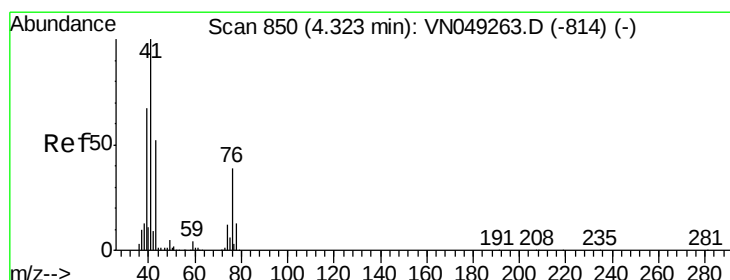
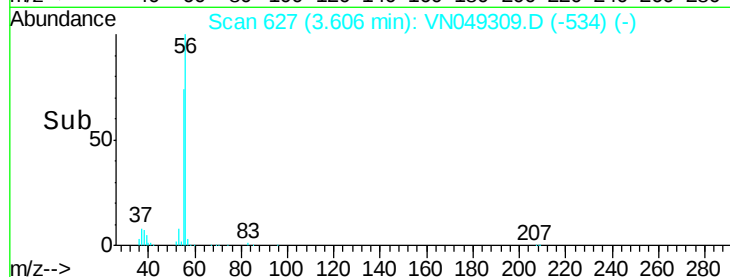
60000

40000

20000

0

Time-->



#14

Allyl chloride

Concen: 44.73 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN049309.D

Acq: 16 Jun 2018 14:35

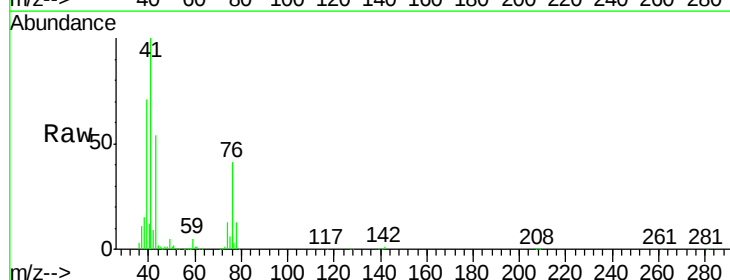
Tgt Ion: 41 Resp: 1162737

Ion Ratio Lower Upper

41 100

39 67.6 62.5 93.7

76 37.2 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

4.32

500000

400000

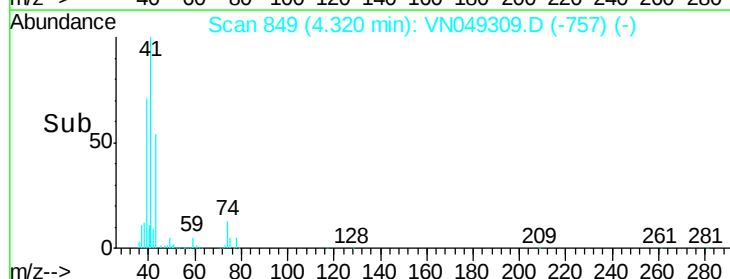
300000

200000

100000

0

Time-->



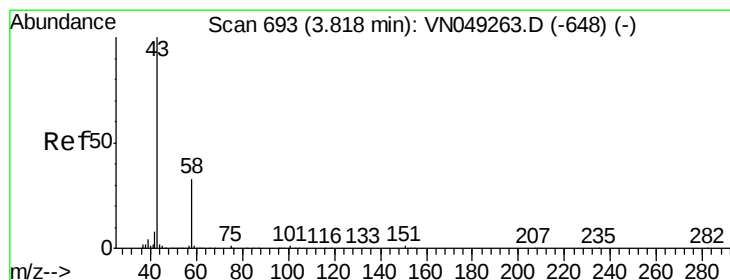
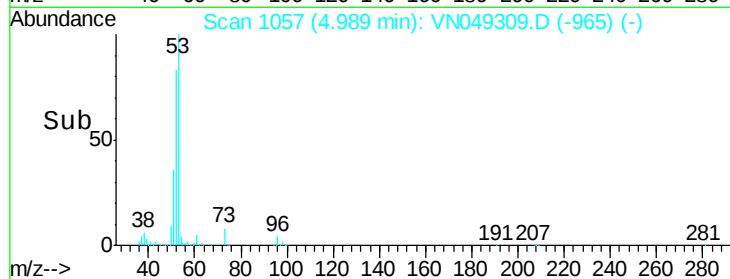
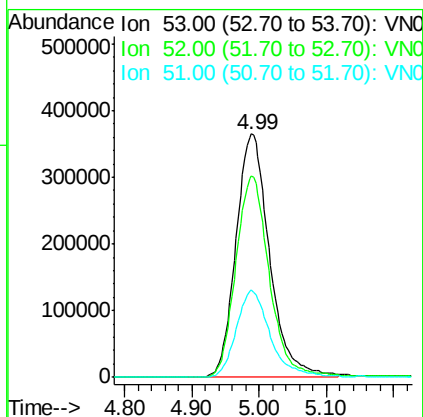
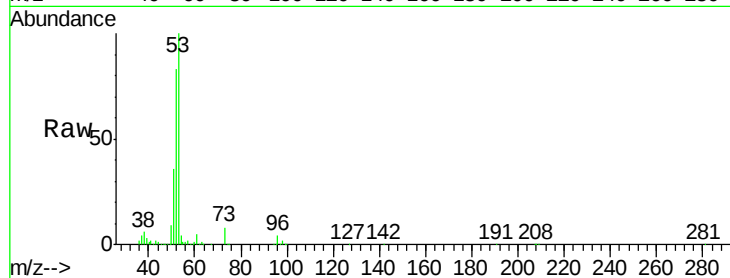


#15
 Acrylonitrile
 Concen: 226.76 ug/l
 RT: 4.99 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: VN049309.D
 Acq: 16 Jun 2018 14:35

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 53 Resp: 1267270

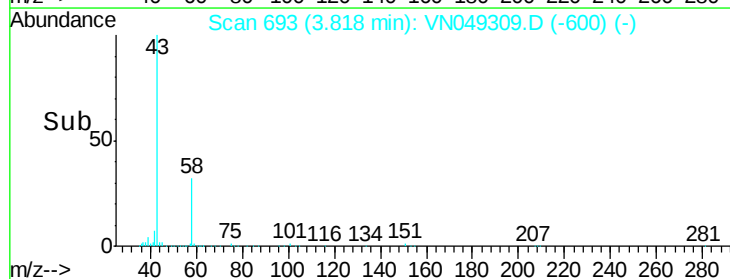
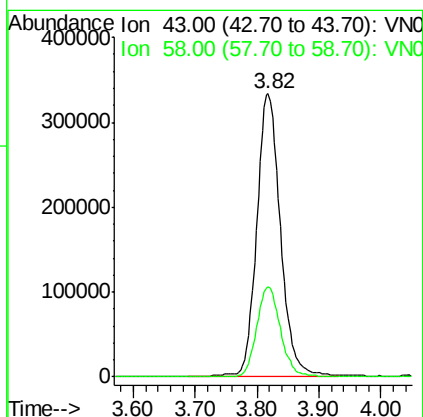
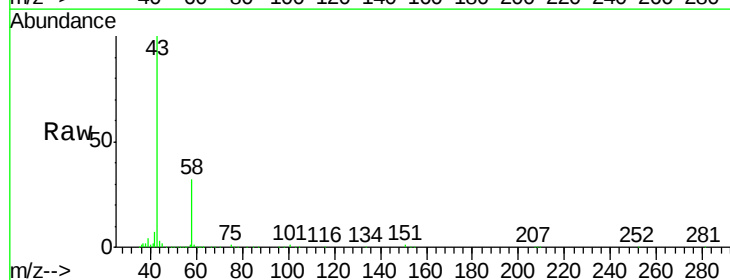
Ion	Ratio	Lower	Upper
53	100		
52	81.7	66.6	100.0
51	36.4	29.8	44.8

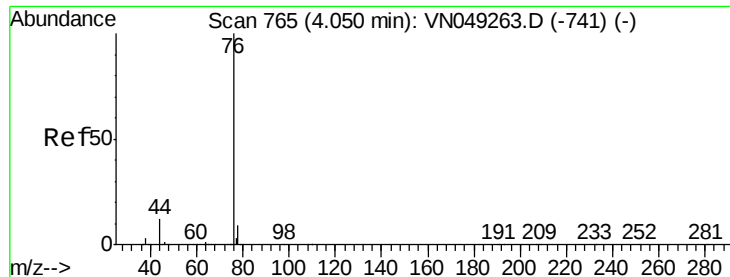


#16
 Acetone
 Concen: 191.65 ug/l
 RT: 3.82 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: VN049309.D
 Acq: 16 Jun 2018 14:35

Tgt Ion: 43 Resp: 886062

Ion	Ratio	Lower	Upper
43	100		
58	31.8	22.4	33.6





#17

Carbon Disulfide

Concen: 43.98 ug/l

RT: 4.05 min Scan# 764

Delta R.T. -0.00 min

Lab File: VN049309.D

Acq: 16 Jun 2018 14:35

Instrument :

MSVOA_N

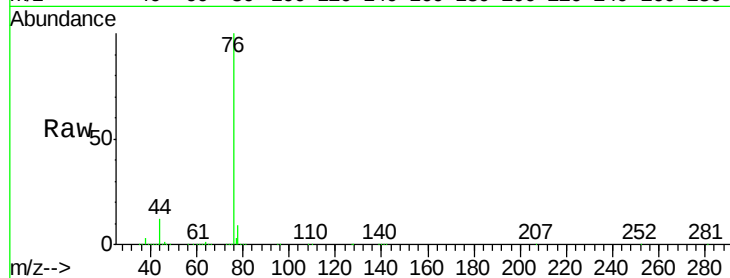
ClientSampleId :

Tot Ion: 76 Resp: 2269038

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN049309.D (-741) (-)

Ion 77.90 (77.60 to 78.60): VN049309.D (-741) (-)

4.05

800000

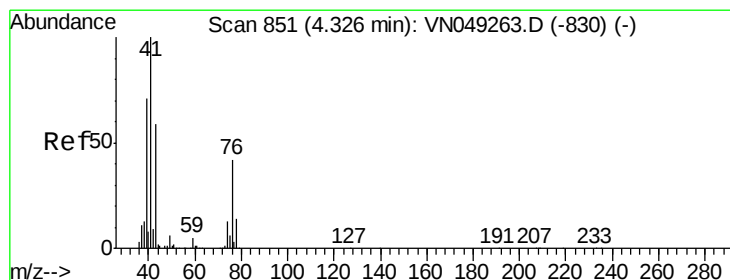
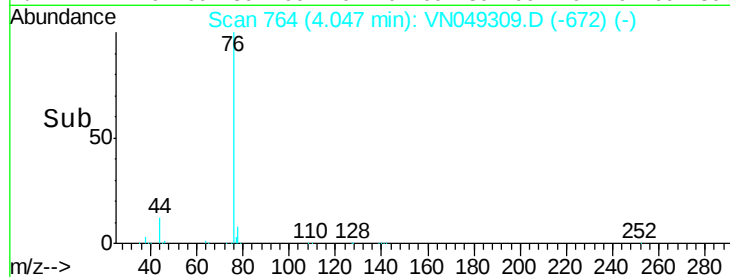
600000

400000

200000

0

Time-->



#18

Methyl Acetate

Concen: 44.57 ug/l

RT: 4.33 min Scan# 851

Delta R.T. 0.00 min

Lab File: VN049309.D

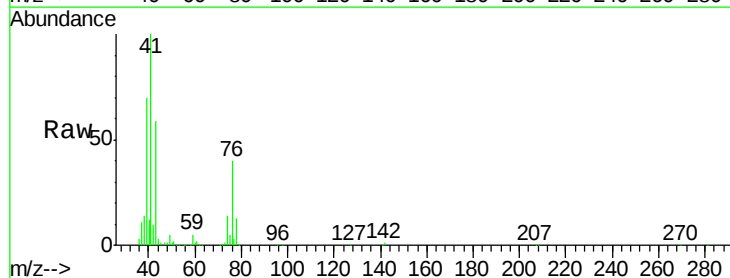
Acq: 16 Jun 2018 14:35

Tgt Ion: 43 Resp: 628252

Ion Ratio Lower Upper

43 100

74 24.1 17.4 26.0



Abundance Ion 43.00 (42.70 to 43.70): VN049309.D (-830) (-)

Ion 74.00 (73.70 to 74.70): VN049309.D (-830) (-)

4.33

250000

200000

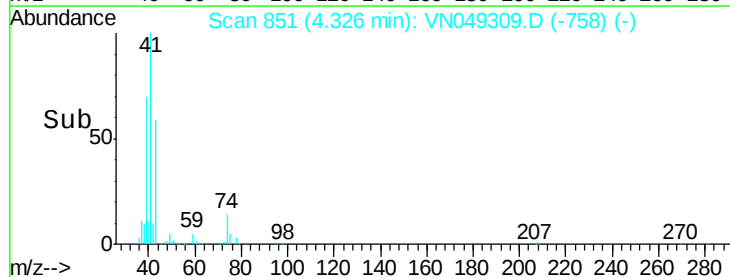
150000

100000

50000

0

Time-->

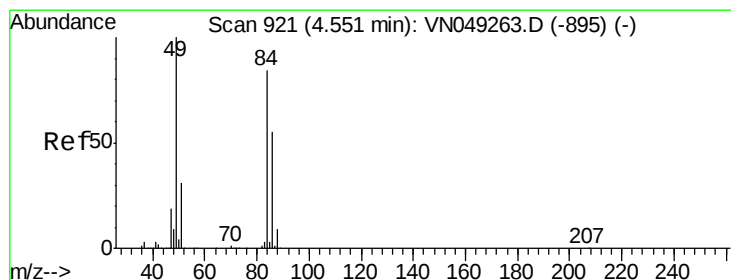
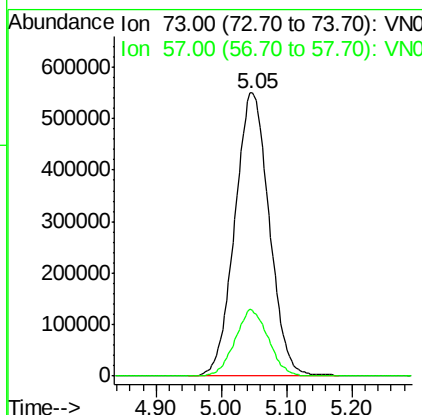
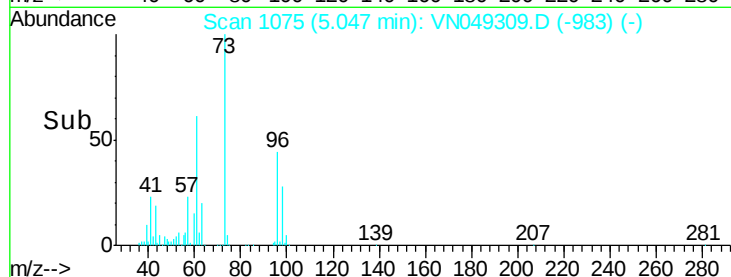
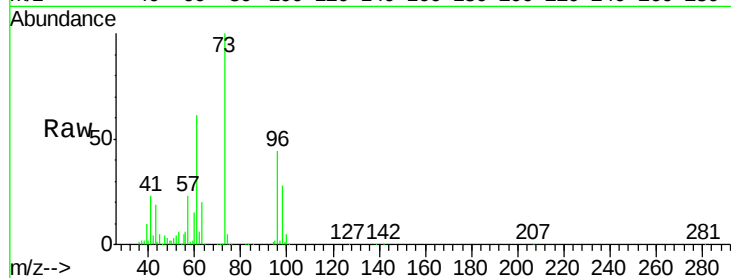




#19
Methvl tert-butvl Ether
Concen: 47.98 ug/l
RT: 5.05 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VN049309.D
Acq: 16 Jun 2018 14:35

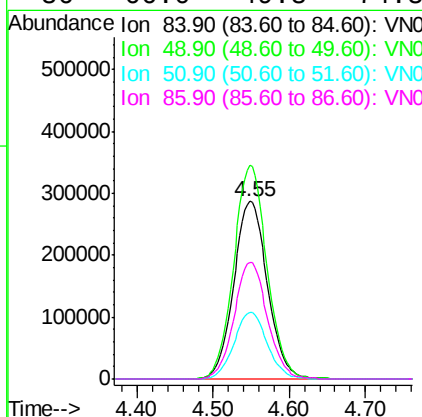
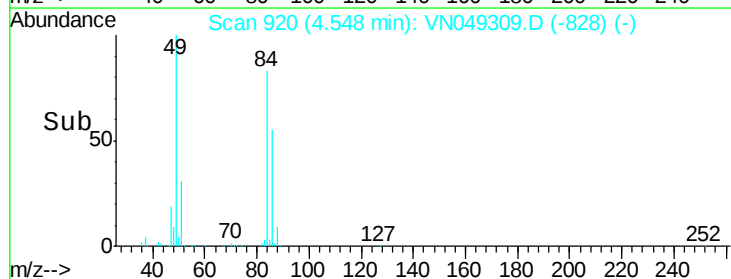
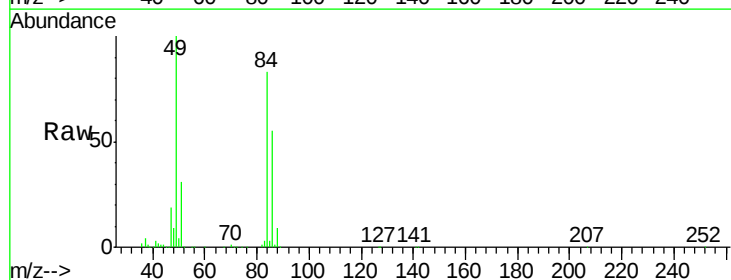
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 73 Resp: 2013646
Ion Ratio Lower Upper
73 100
57 23.2 18.2 27.4



#20
Methylene Chloride
Concen: 45.70 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049309.D
Acq: 16 Jun 2018 14:35

Tgt Ion: 84 Resp: 882436
Ion Ratio Lower Upper
84 100
49 120.3 106.9 160.3
51 37.6 32.7 49.1
86 66.0 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 47.33 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VN049309.D

Acq: 16 Jun 2018 14:35

Instrument :

MSVOA_N

ClientSampled :

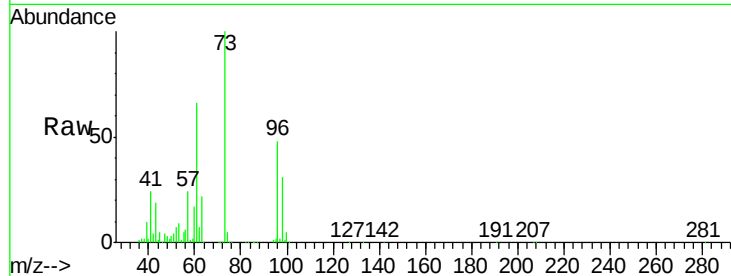
Tot Ion: 96 Resp: 824934

Ion Ratio Lower Upper

96 100

61 137.3 121.3 181.9

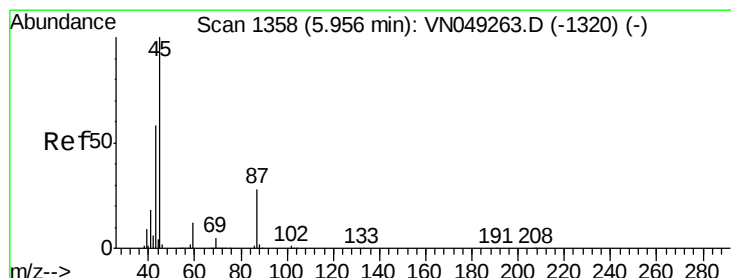
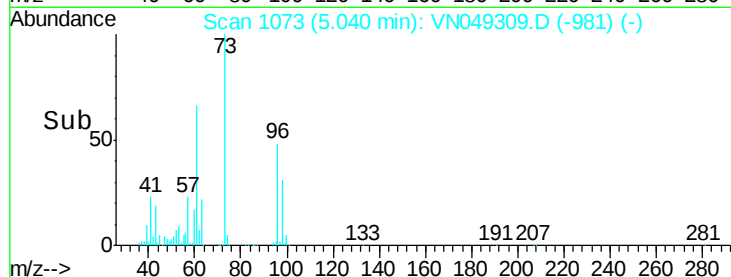
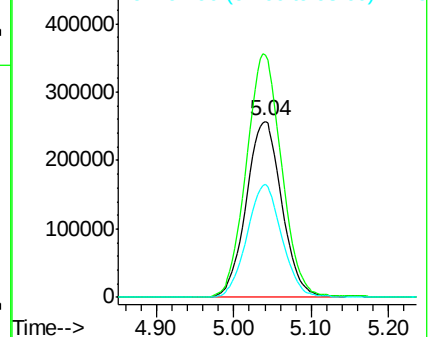
98 63.9 52.0 78.0



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



#22

Diisopropyl ether

Concen: 50.22 ug/l

RT: 5.95 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VN049309.D

Acq: 16 Jun 2018 14:35

Tgt Ion: 45 Resp: 2606514

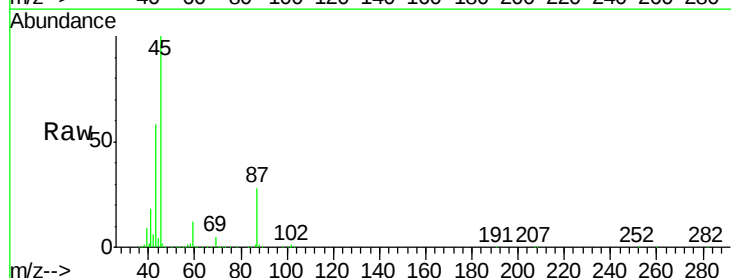
Ion Ratio Lower Upper

45 100

43 58.0 48.6 72.8

87 28.0 20.2 30.2

59 12.0 9.0 13.4

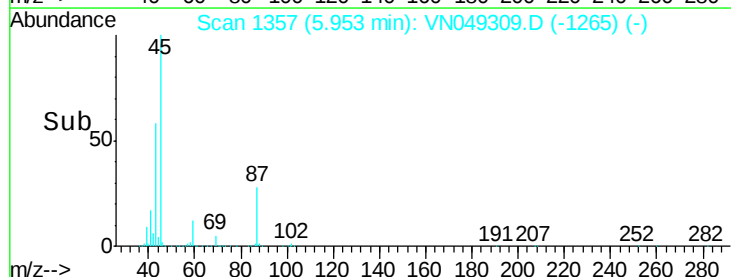
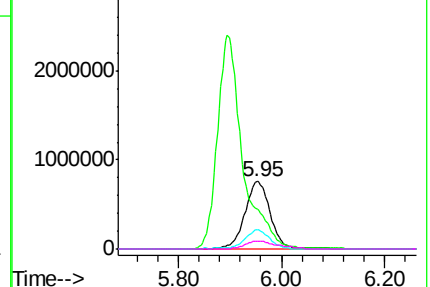


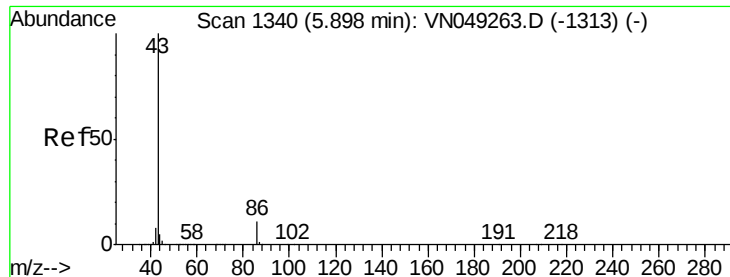
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 241.92 ug/l

RT: 5.90 min Scan# 1339

Delta R.T. -0.00 min

Lab File: VN049309.D

Acq: 16 Jun 2018 14:35

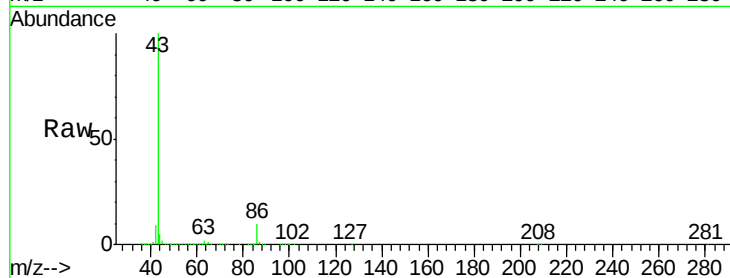
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 8186026

Ion Ratio Lower Upper

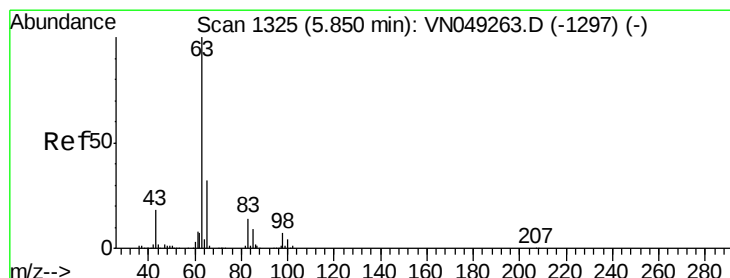
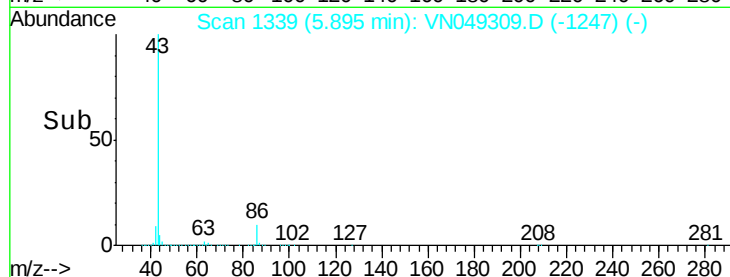
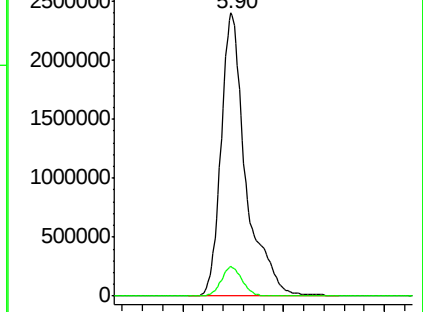
43 100

86 10.5 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN049309.D (-1247) (-)

Ion 86.00 (85.70 to 86.70): VN049309.D (-1247) (-)



#24

1,1-Dichloroethane

Concen: 47.12 ug/l

RT: 5.85 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VN049309.D

Acq: 16 Jun 2018 14:35

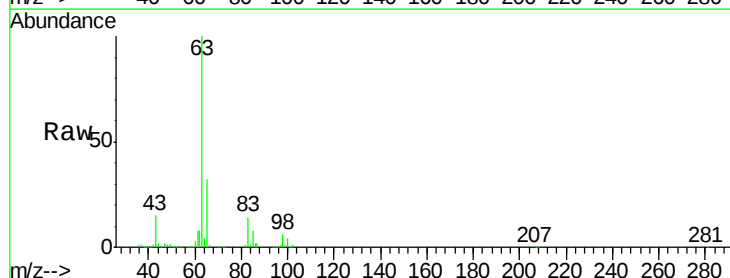
Tgt Ion: 63 Resp: 1565349

Ion Ratio Lower Upper

63 100

98 6.4 2.9 8.8

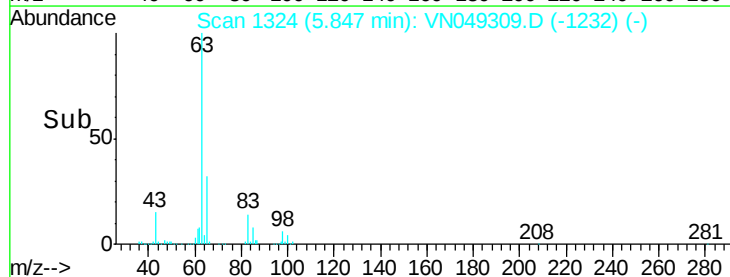
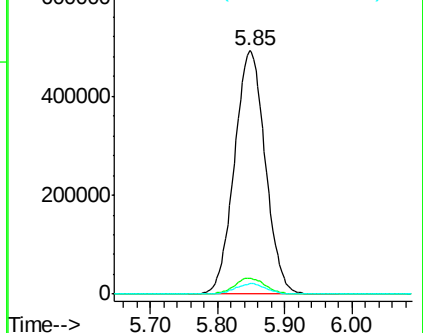
100 4.1 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN049309.D (-1232) (-)

Ion 97.90 (97.60 to 98.60): VN049309.D (-1232) (-)

Ion 99.90 (99.60 to 100.60): VN049309.D (-1232) (-)





#25

2-Butanone

Concen: 211.03 ug/l

RT: 6.84 min Scan# 1632

Delta R.T. -0.00 min

Lab File: VN049309.D

Acq: 16 Jun 2018 14:35

Instrument :

MSVOA_N

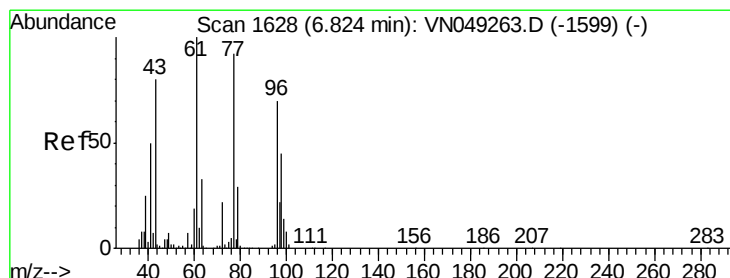
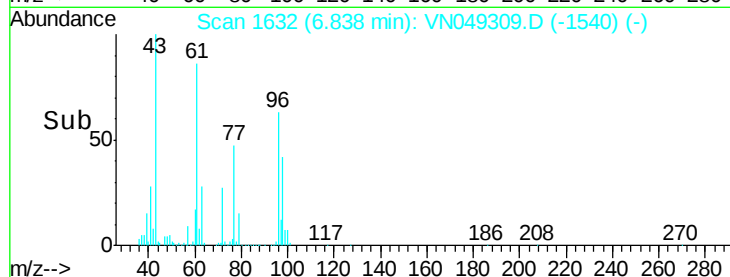
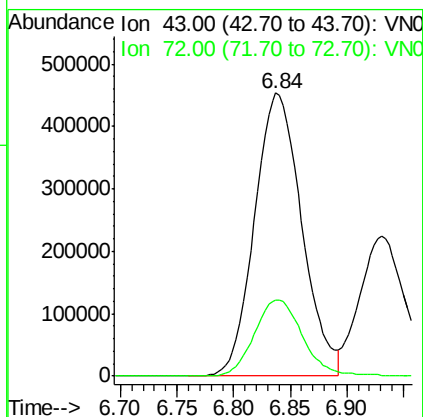
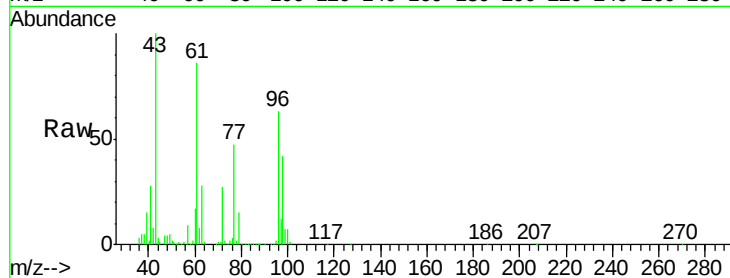
ClientSampleId :

Tot Ion: 43 Resp: 1310089

Ion Ratio Lower Upper

43 100

72 26.9 20.2 30.2



#26

2,2-Dichloropropane

Concen: 30.13 ug/l

RT: 6.82 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN049309.D

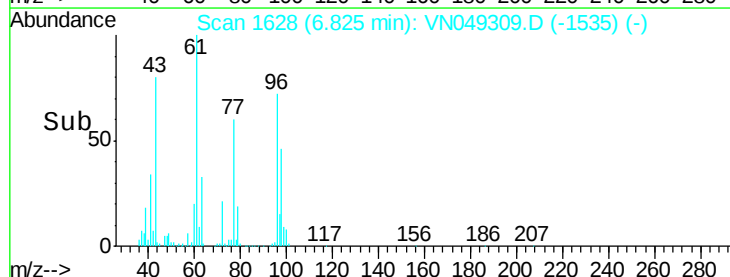
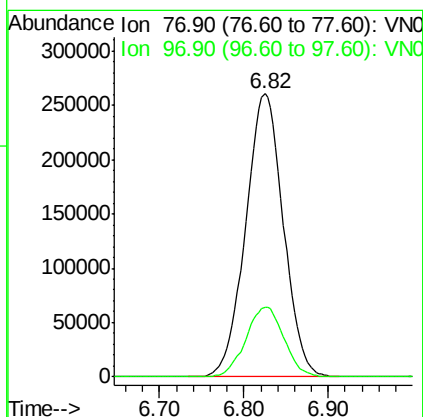
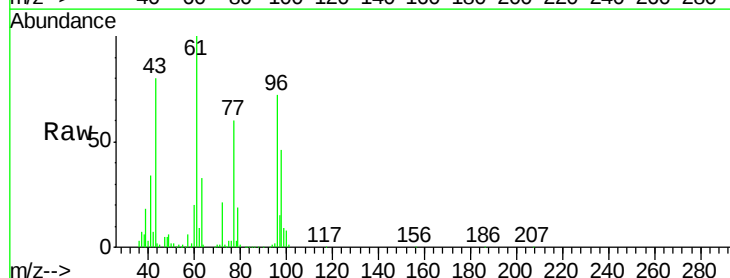
Acq: 16 Jun 2018 14:35

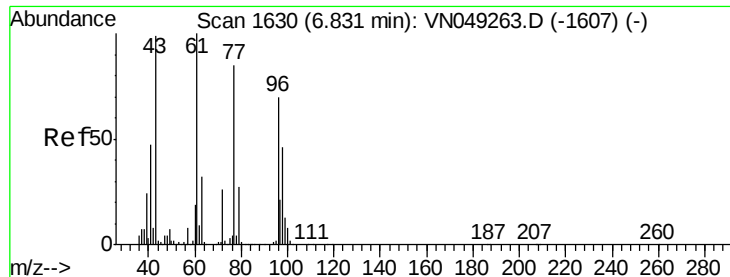
Tgt Ion: 77 Resp: 808303

Ion Ratio Lower Upper

77 100

97 25.0 11.0 33.0





#27

cis-1,2-Dichloroethene

Concen: 47.73 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VN049309.D

Acq: 16 Jun 2018 14:35

Instrument :
MSVOA_N
ClientSampled :

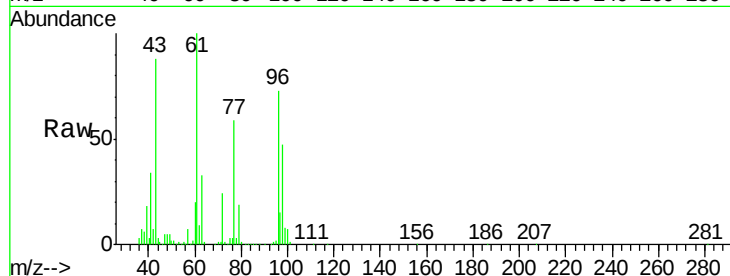
Tot Ion: 96 Resp: 924775

Ion Ratio Lower Upper

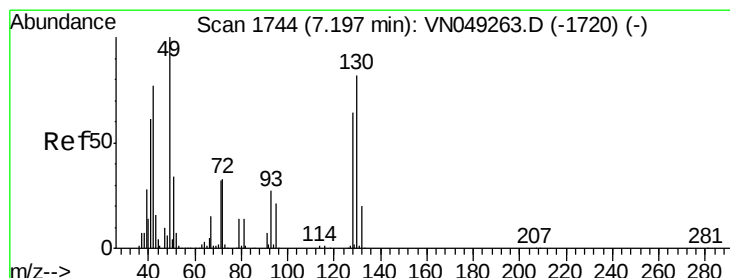
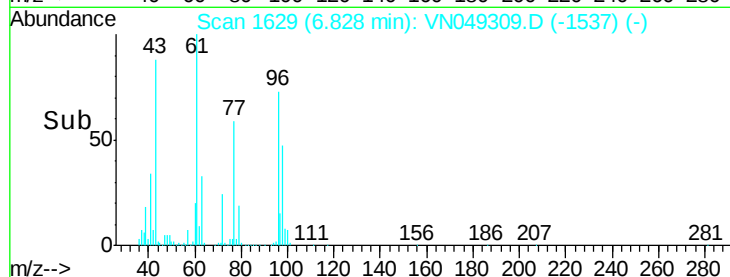
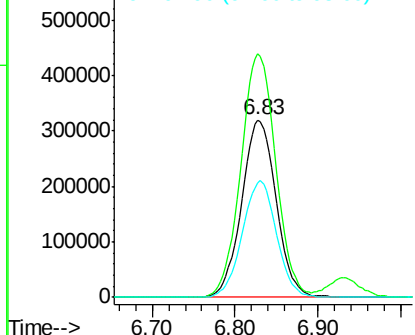
96 100

61 138.8 0.0 316.4

98 65.2 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: 48.40 ug/l

RT: 7.19 min Scan# 1743

Delta R.T. -0.00 min

Lab File: VN049309.D

Acq: 16 Jun 2018 14:35

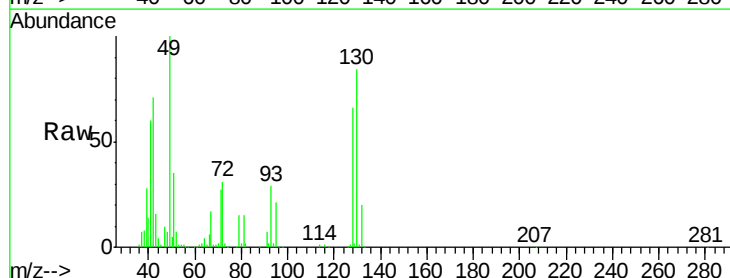
Tgt Ion: 49 Resp: 712805

Ion Ratio Lower Upper

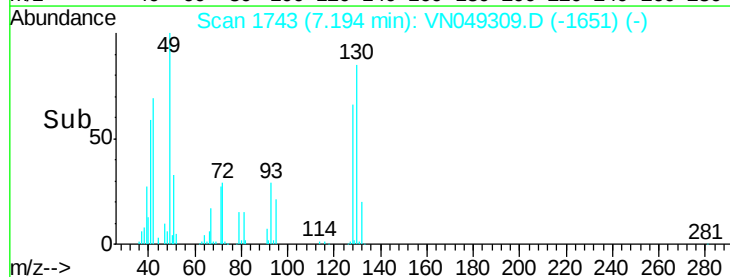
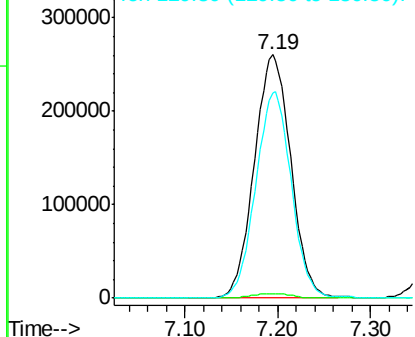
49 100

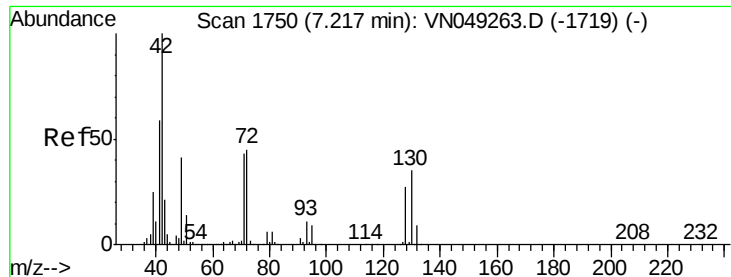
129 2.1 0.0 3.8

130 82.9 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

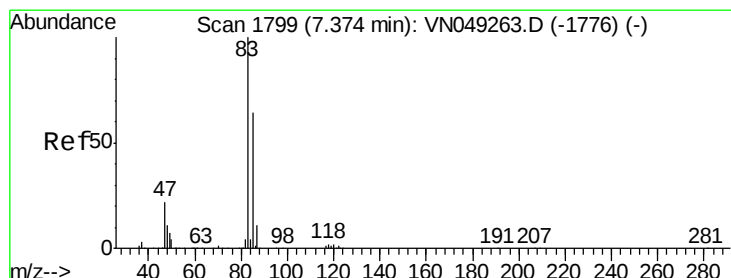
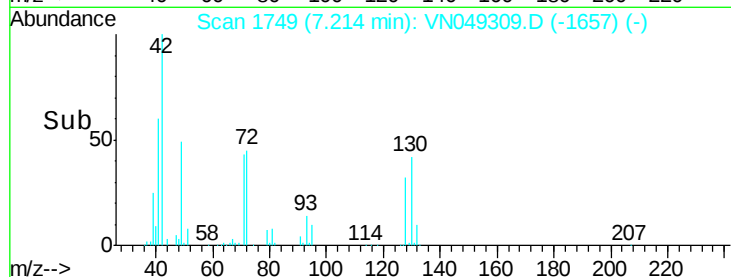
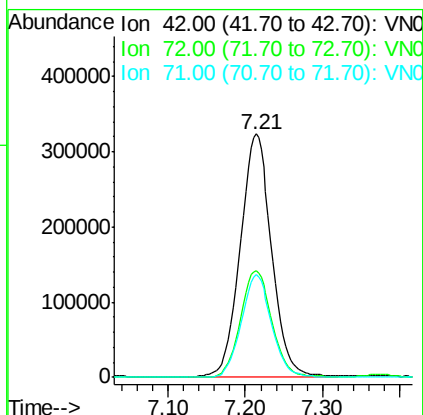
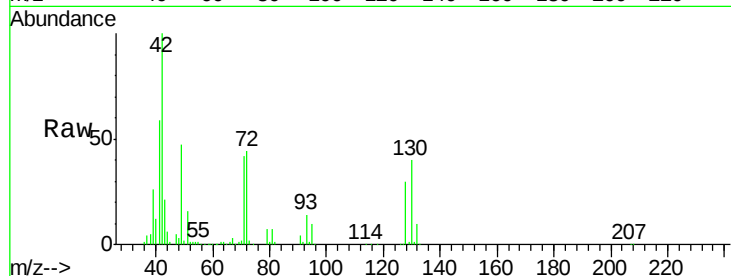




#29
Tetrahydrofuran
Concen: 227.83 ug/l
RT: 7.21 min Scan# 1749
Delta R.T. -0.00 min
Lab File: VN049309.D
Acq: 16 Jun 2018 14:35

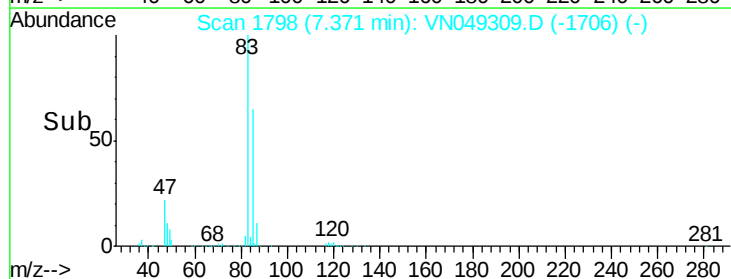
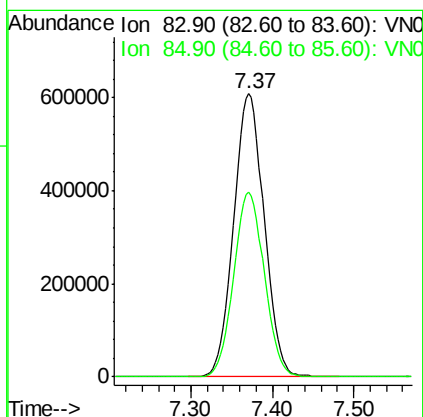
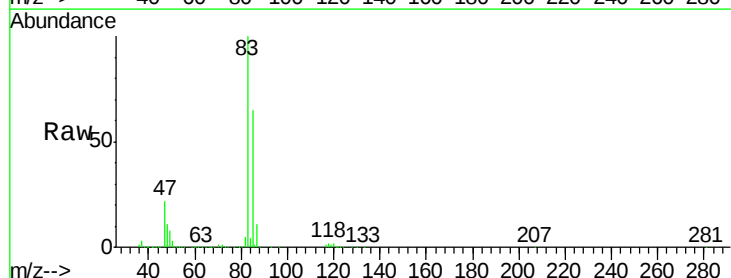
Instrument :
MSVOA_N
ClientSampleId :

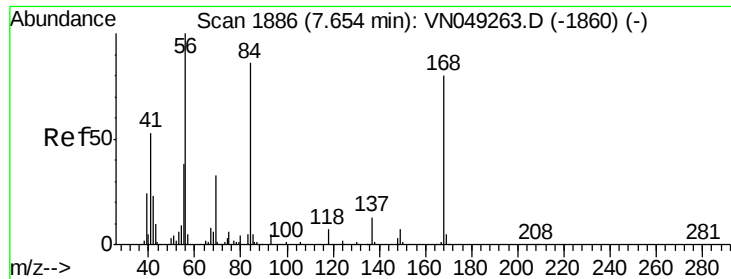
Tot Ion: 42 Resp: 910472
Ion Ratio Lower Upper
42 100
72 43.8 32.2 48.4
71 40.8 30.5 45.7



#30
Chloroform
Concen: 47.87 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN049309.D
Acq: 16 Jun 2018 14:35

Tgt Ion: 83 Resp: 1582620
Ion Ratio Lower Upper
83 100
85 65.2 51.7 77.5

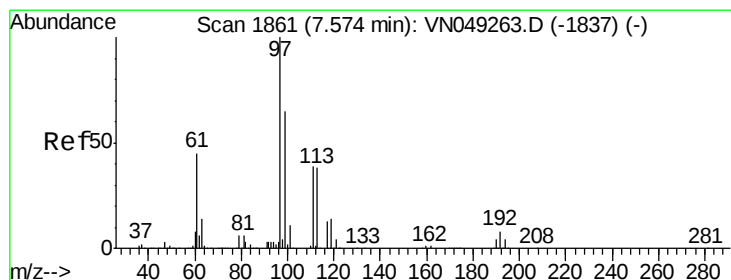
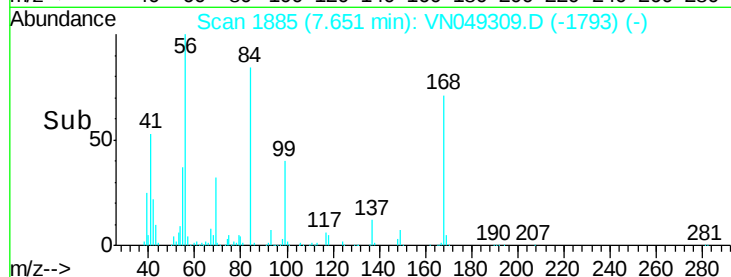
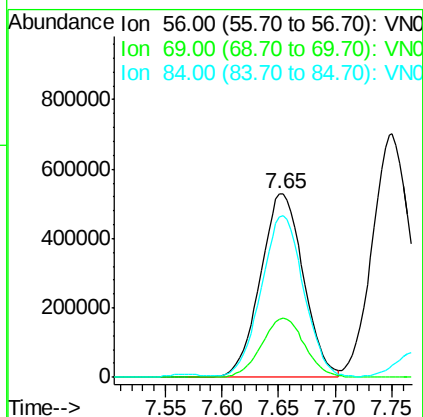
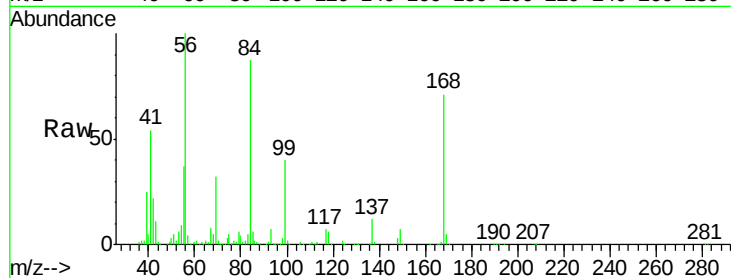




#31
Cyclohexane
Concen: 49.63 ug/l
RT: 7.65 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VN049309.D
Acq: 16 Jun 2018 14:35

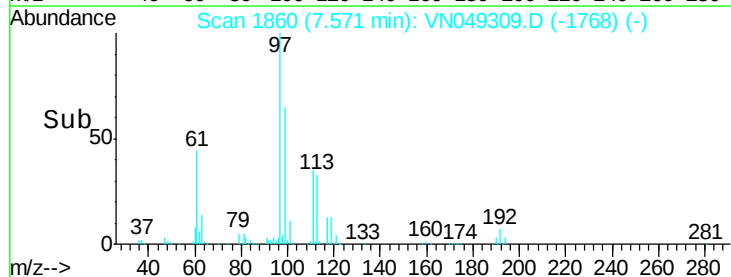
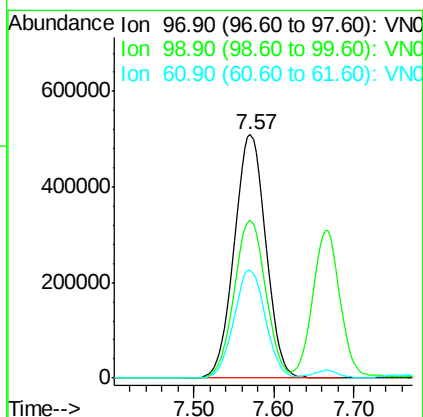
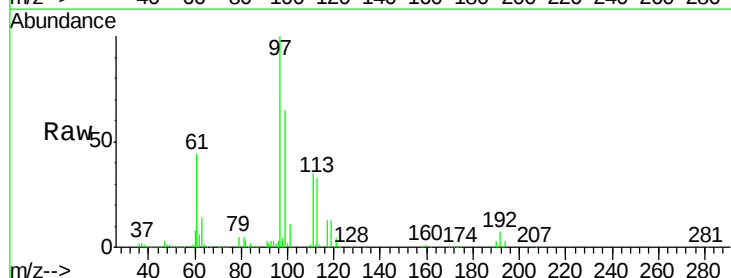
Instrument :
MSVOA_N
ClientSampled :

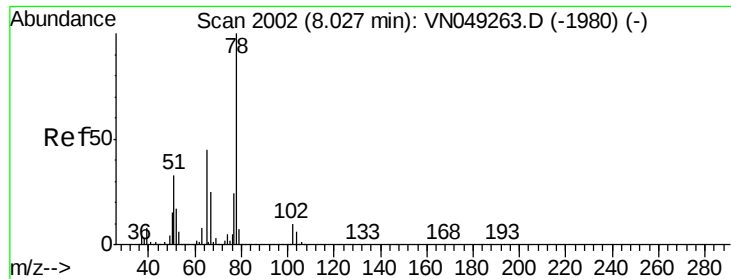
Tot Ion: 56 Resp: 1397694
Ion Ratio Lower Upper
56 100
69 31.8 25.0 37.4
84 85.4 64.6 96.8



#32
1,1,1-Trichloroethane
Concen: 48.16 ug/l
RT: 7.57 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VN049309.D
Acq: 16 Jun 2018 14:35

Tgt Ion: 97 Resp: 1358574
Ion Ratio Lower Upper
97 100
99 64.6 50.5 75.7
61 44.3 37.9 56.9





#33

1,2-Dichloroethane-d4

Concen: 49.58 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN049309.D

Acq: 16 Jun 2018 14:35

Instrument :

MSVOA_N

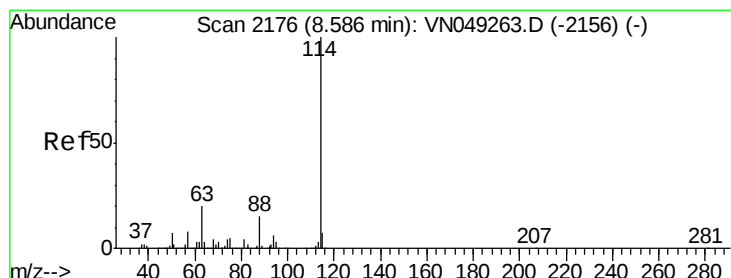
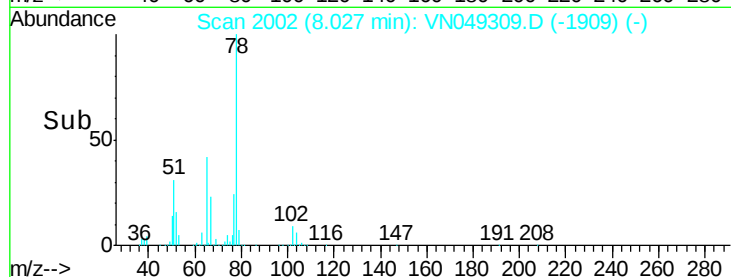
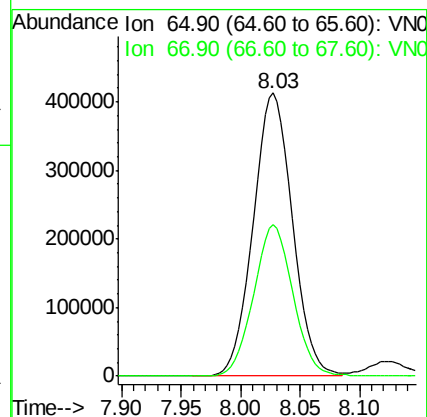
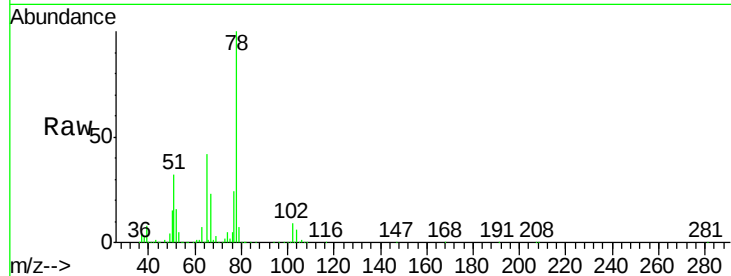
ClientSampleId :

Tot Ion: 65 Resp: 944184

Ion Ratio Lower Upper

65 100

67 53.6 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049309.D

Acq: 16 Jun 2018 14:35

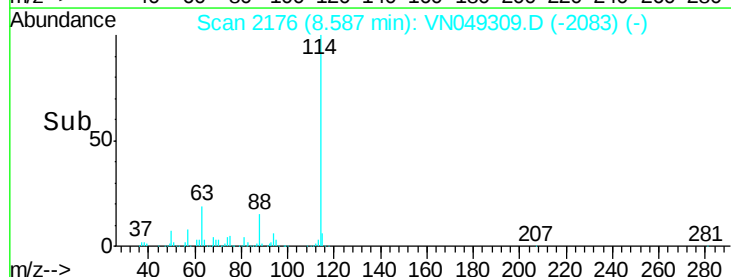
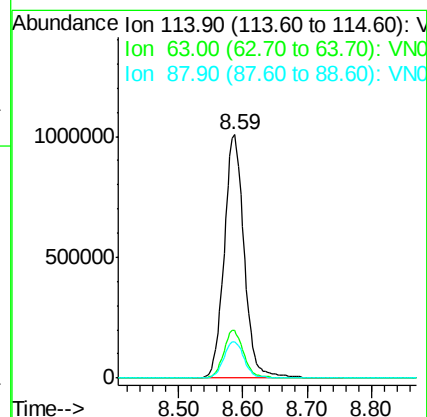
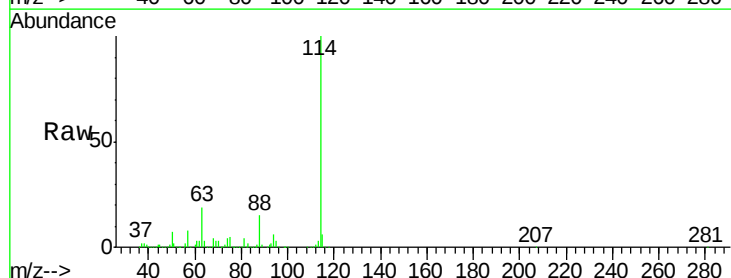
Tgt Ion: 114 Resp: 2163722

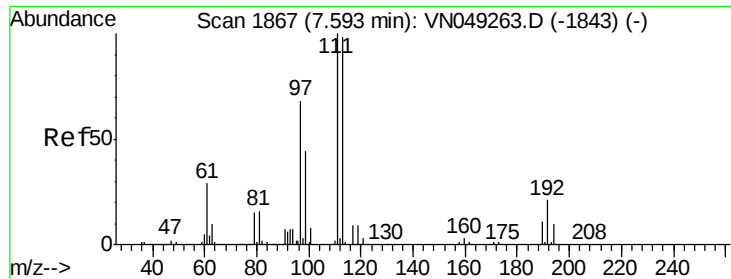
Ion Ratio Lower Upper

114 100

63 19.4 0.0 44.4

88 14.9 0.0 31.4

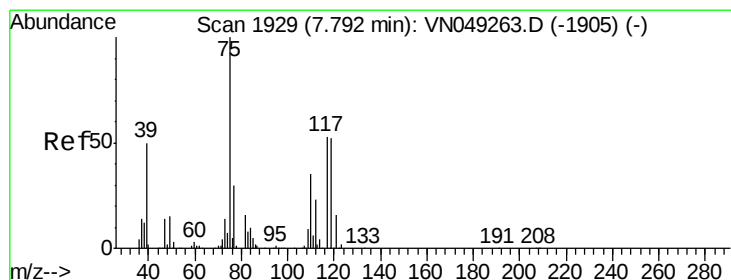
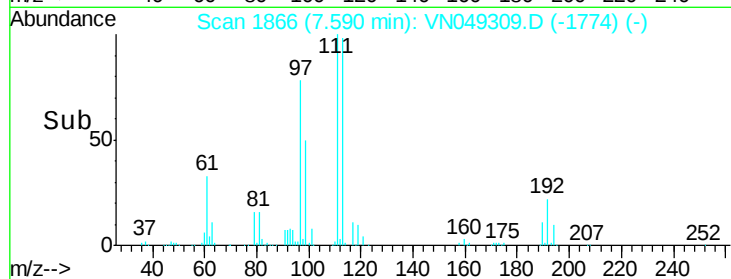
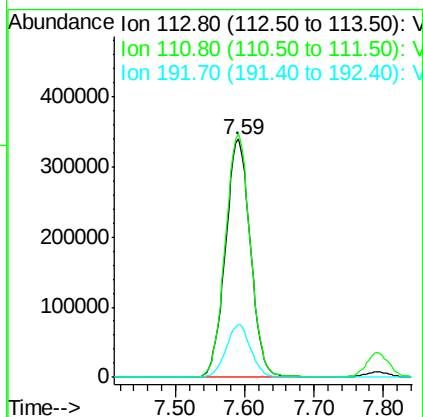
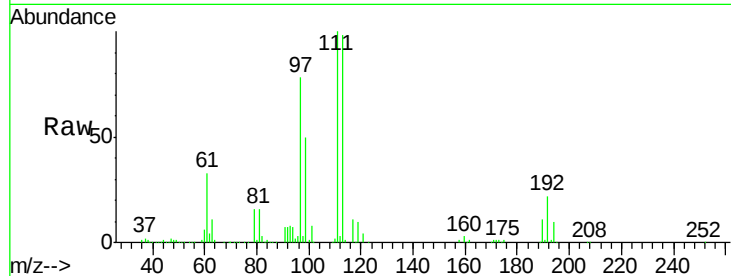




#35
 Dibromofluoromethane
 Concen: 48.93 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN049309.D
 Acq: 16 Jun 2018 14:35

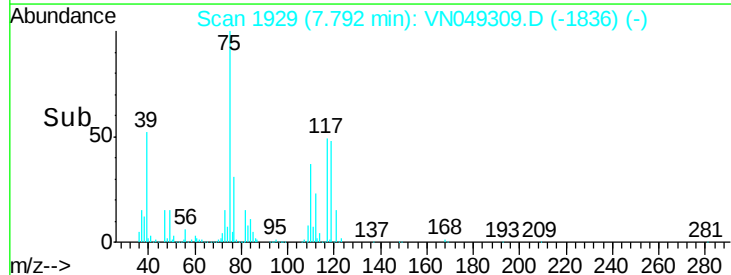
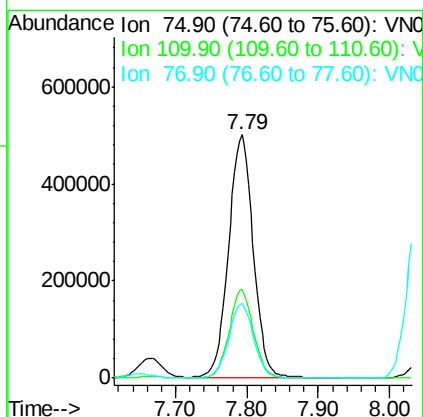
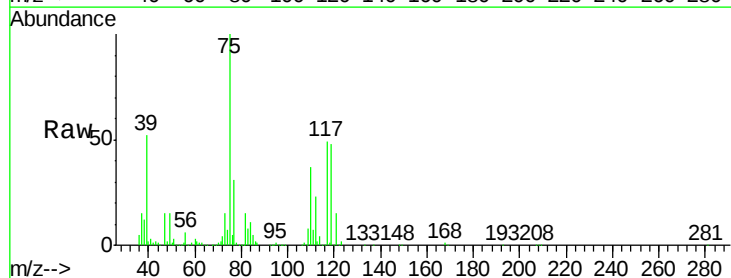
Instrument :
 MSVOA_N
 ClientSampleId :

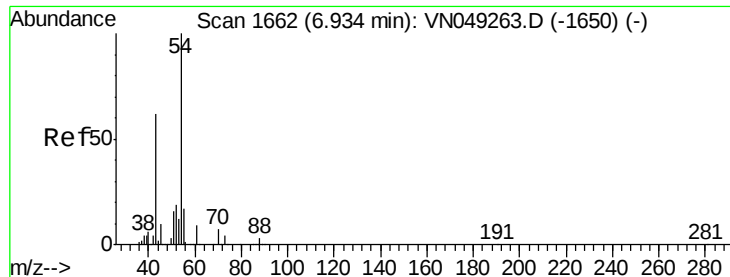
Tot Ion:113 Resp: 856470
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.4 123.6
 192 21.8 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 48.86 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: VN049309.D
 Acq: 16 Jun 2018 14:35

Tgt Ion: 75 Resp: 1211670
 Ion Ratio Lower Upper
 75 100
 110 35.5 17.0 50.9
 77 30.8 24.4 36.6

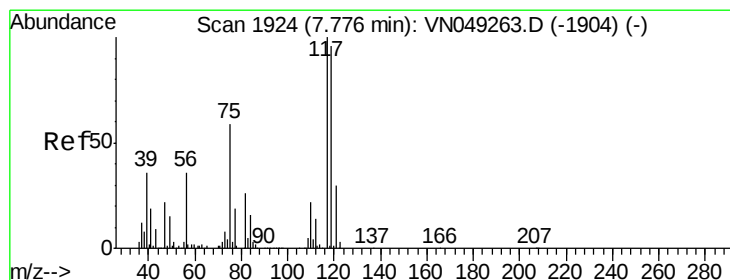
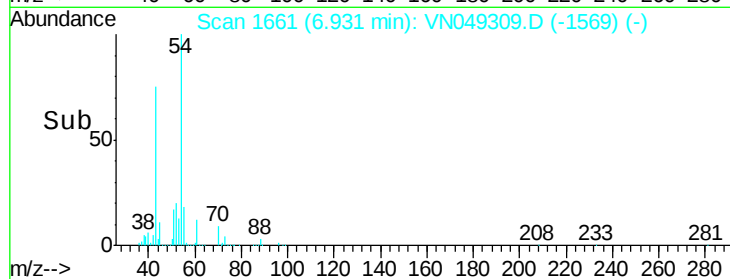
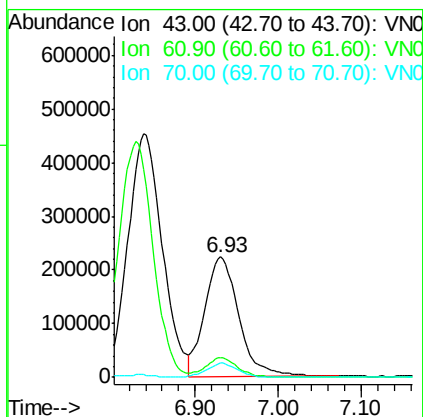
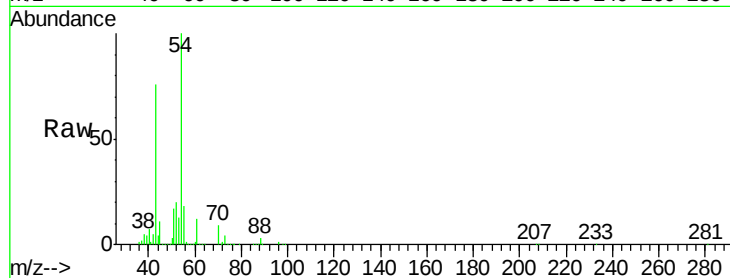




#37
Ethyl Acetate
Concen: 47.23 ug/l
RT: 6.93 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VN049309.D
Acq: 16 Jun 2018 14:35

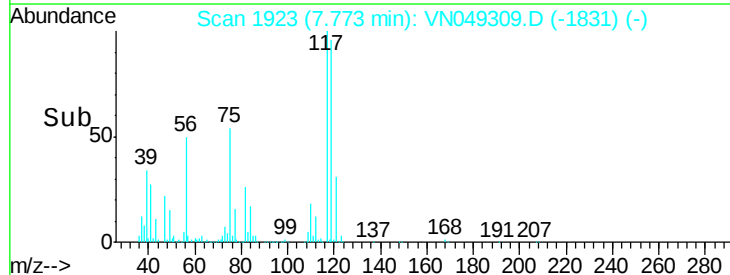
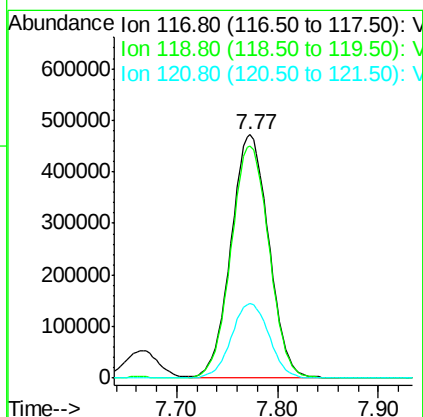
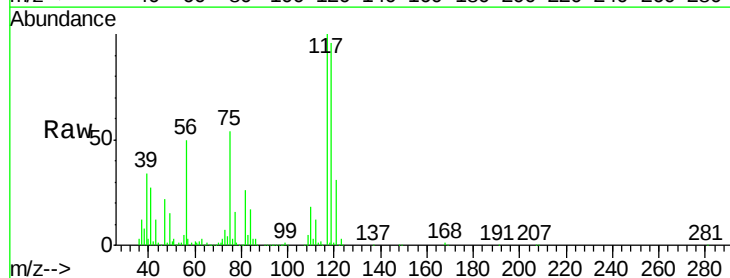
Instrument :
MSVOA_N
ClientSampled :

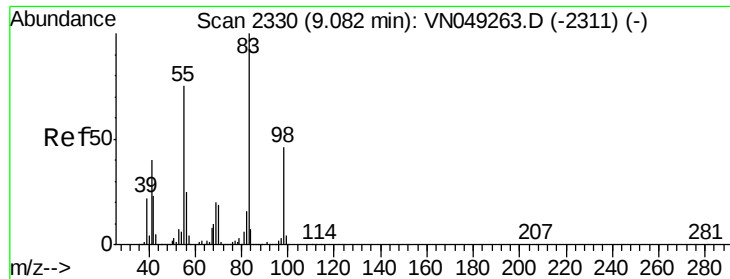
Tot Ion: 43 Resp: 636730
Ion Ratio Lower Upper
43 100
61 14.7 11.0 16.4
70 10.4 7.2 10.8



#38
Carbon Tetrachloride
Concen: 47.61 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN049309.D
Acq: 16 Jun 2018 14:35

Tgt Ion: 117 Resp: 1222309
Ion Ratio Lower Upper
117 100
119 95.5 75.6 113.4
121 30.5 24.7 37.1

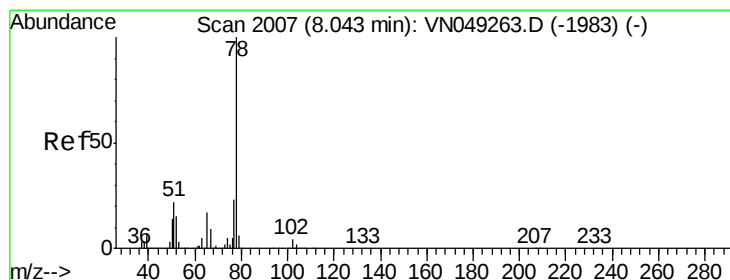
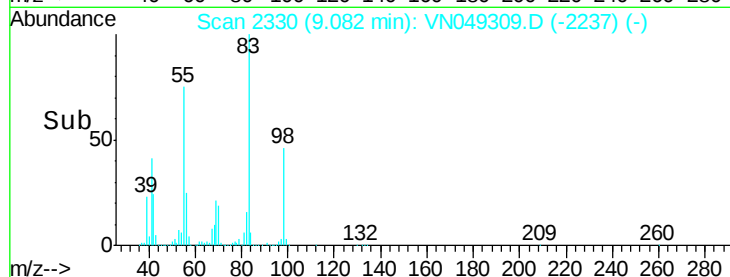
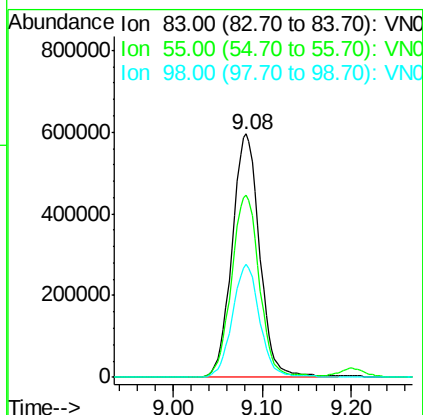
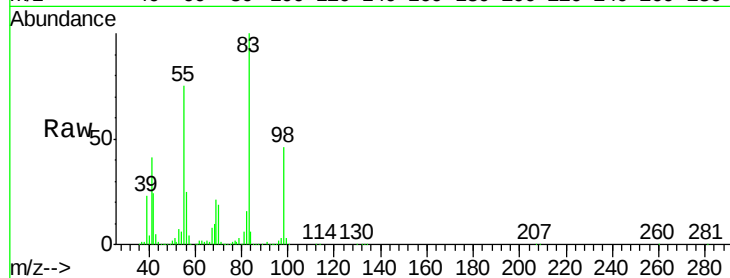




#39
Methvlcvclohexane
Concen: 48.02 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049309.D
Acq: 16 Jun 2018 14:35

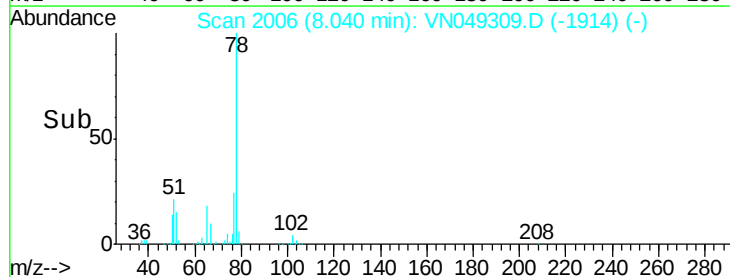
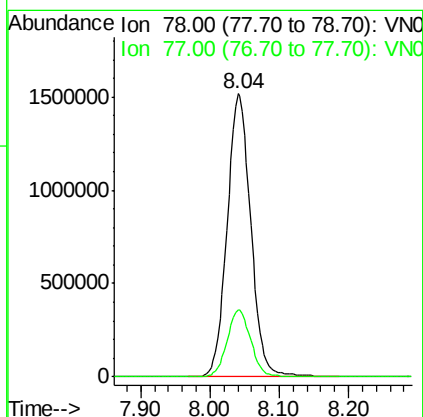
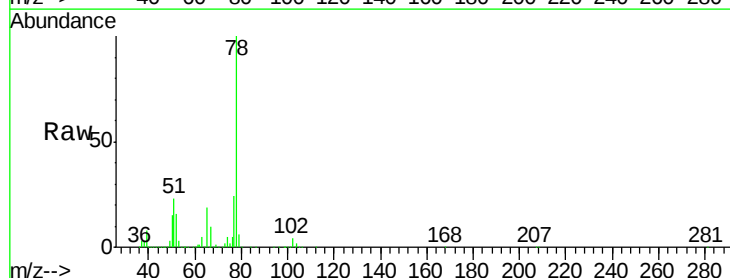
Instrument :
MSVOA_N
ClientSampleId :

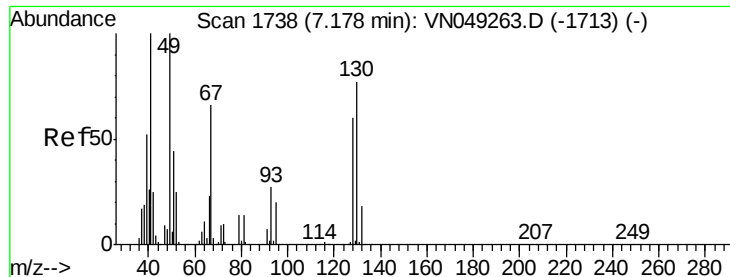
Tot Ion: 83 Resp: 1278311
Ion Ratio Lower Upper
83 100
55 74.9 65.1 97.7
98 46.4 36.5 54.7



#40
Benzene
Concen: 47.61 ug/l
RT: 8.04 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VN049309.D
Acq: 16 Jun 2018 14:35

Tgt Ion: 78 Resp: 3619724
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.0

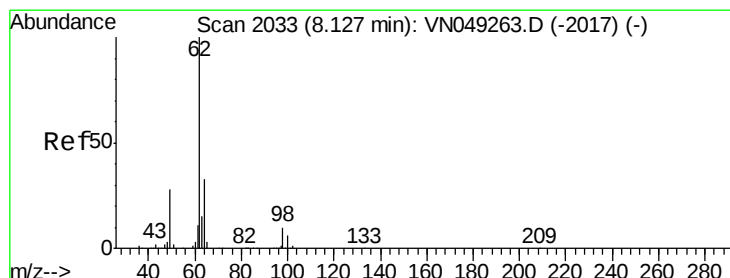
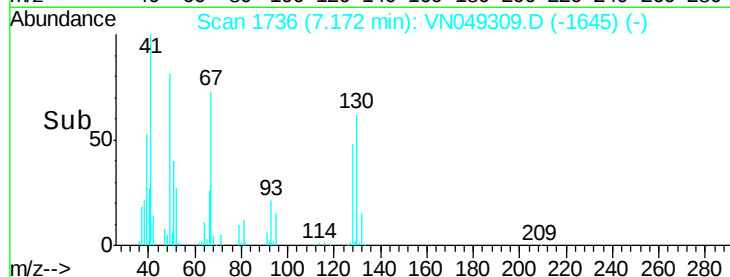
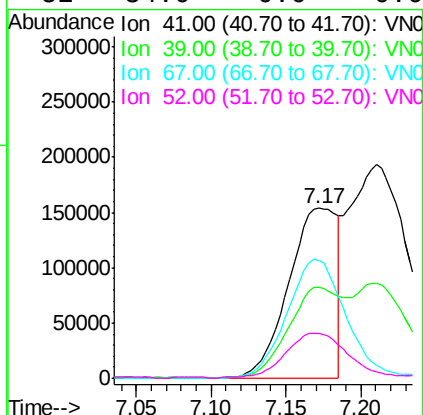
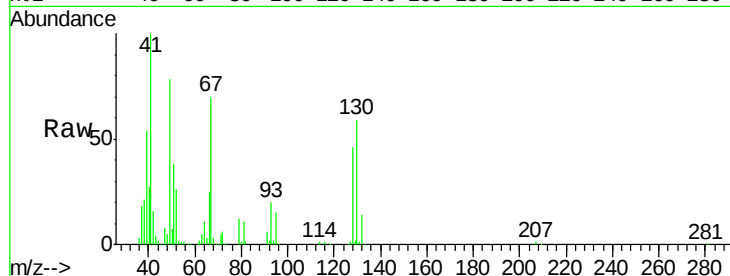




#41
Methacrylonitrile
Concen: 47.13 ug/l
RT: 7.17 min Scan# 1736
Delta R.T. -0.01 min
Lab File: VN049309.D
Acq: 16 Jun 2018 14:35

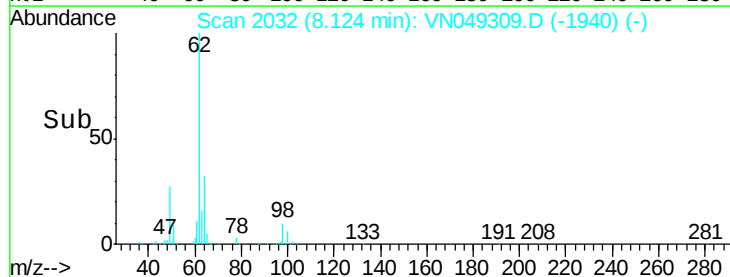
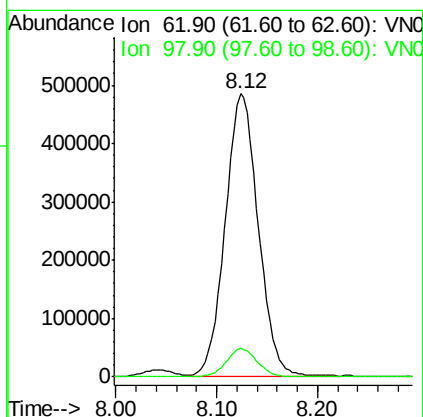
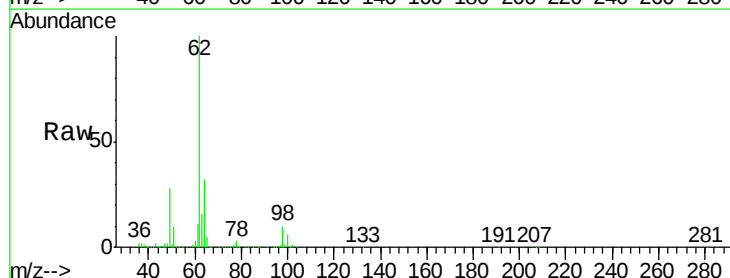
Instrument :
MSVOA_N
ClientSampled :

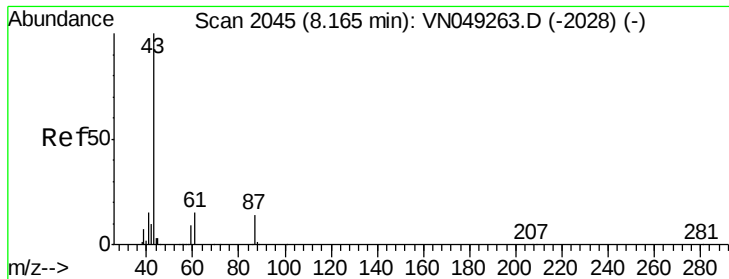
Tot Ion: 41 Resp: 343478
Ion Ratio Lower Upper
41 100
39 61.1 0.0 0.0#
67 86.5 0.0 0.0#
52 34.0 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 46.87 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. -0.00 min
Lab File: VN049309.D
Acq: 16 Jun 2018 14:35

Tgt Ion: 62 Resp: 1100886
Ion Ratio Lower Upper
62 100
98 9.5 0.0 16.2



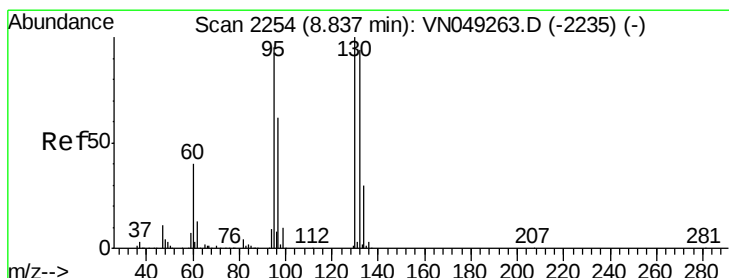
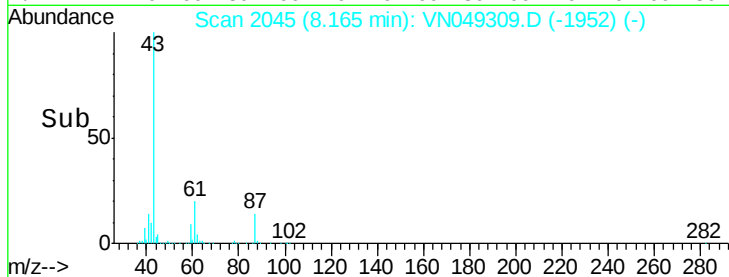
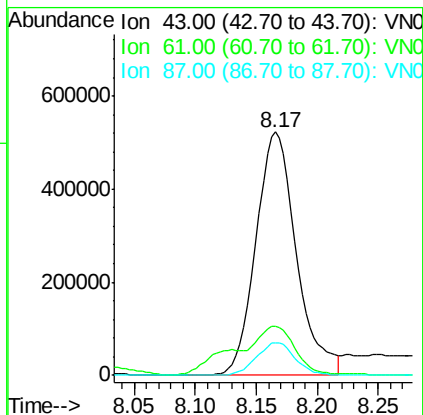
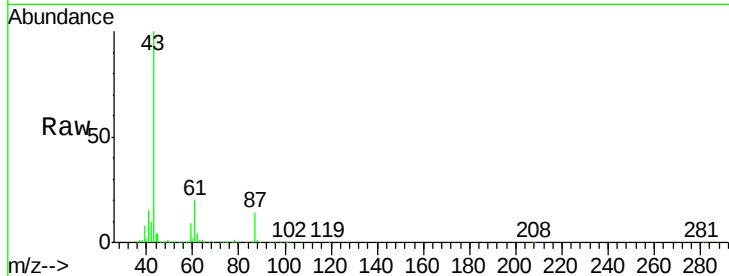


#43

Isopropyl Acetate
 Concen: 46.66 ug/l
 RT: 8.17 min Scan# 2045
 Delta R.T. 0.00 min
 Lab File: VN049309.D
 Acq: 16 Jun 2018 14:35

Instrument :
 MSVOA_N
 ClientSampleId :

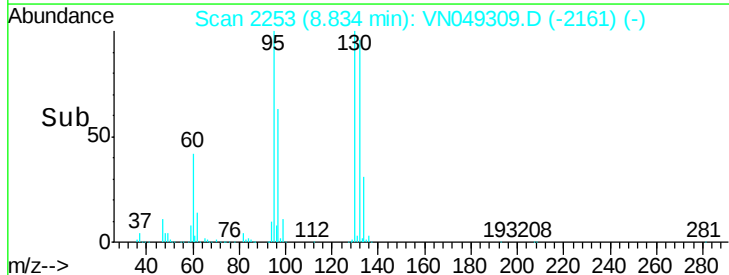
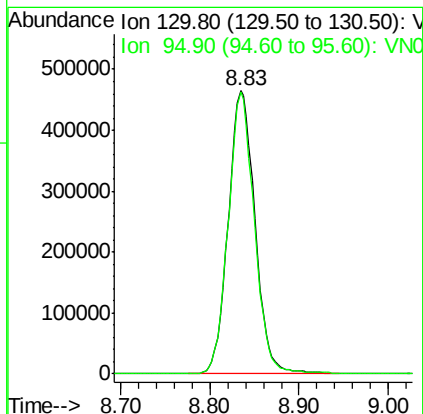
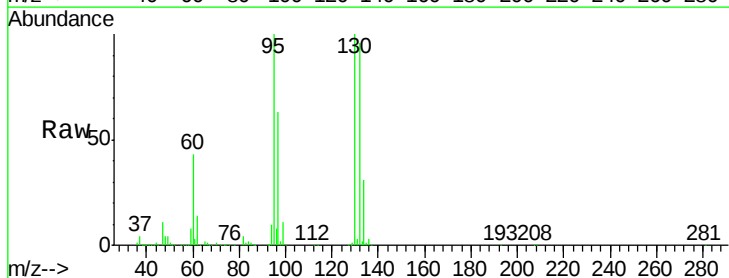
Tot Ion: 43 Resp: 1201763
 Ion Ratio Lower Upper
 43 100
 61 19.2 14.2 21.4
 87 12.9 9.4 14.0



#44

Trichloroethene
 Concen: 48.01 ug/l
 RT: 8.83 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VN049309.D
 Acq: 16 Jun 2018 14:35

Tgt Ion: 130 Resp: 963920
 Ion Ratio Lower Upper
 130 100
 95 99.9 0.0 208.6

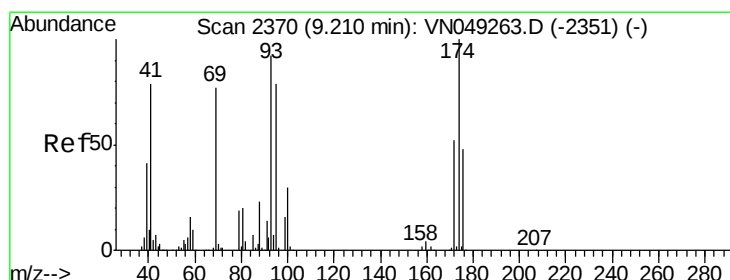
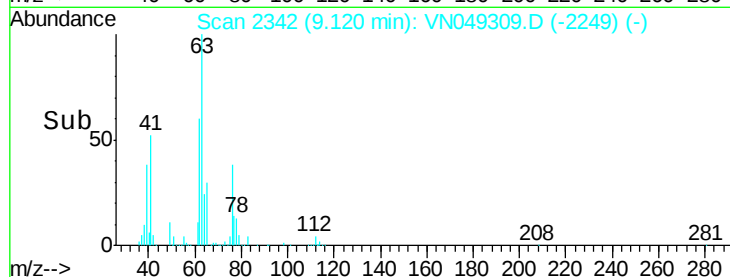
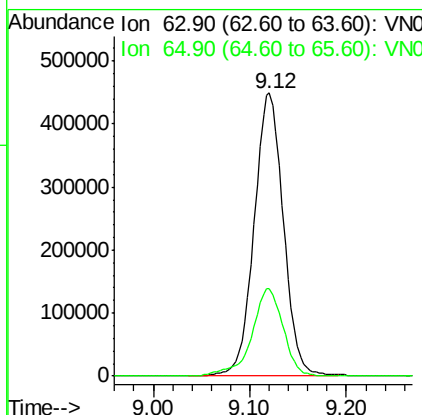
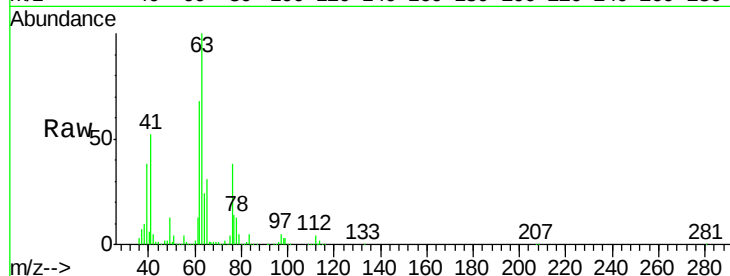




#45
 1,2-Dichloropropane
 Concen: 47.46 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN049309.D
 Acq: 16 Jun 2018 14:35

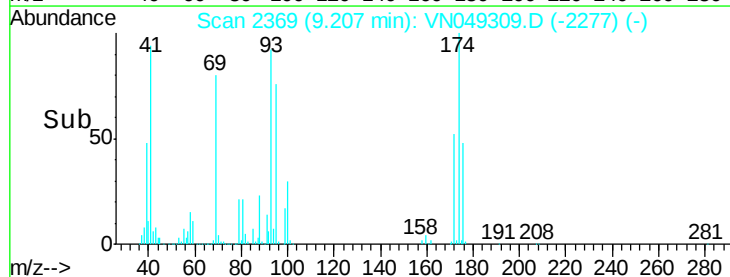
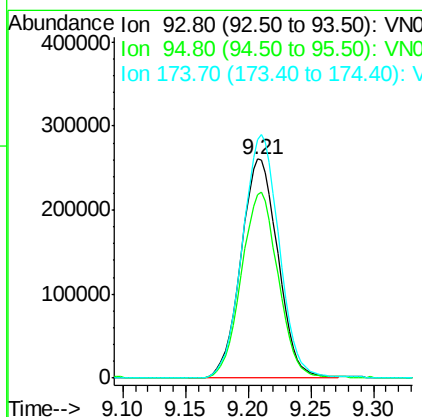
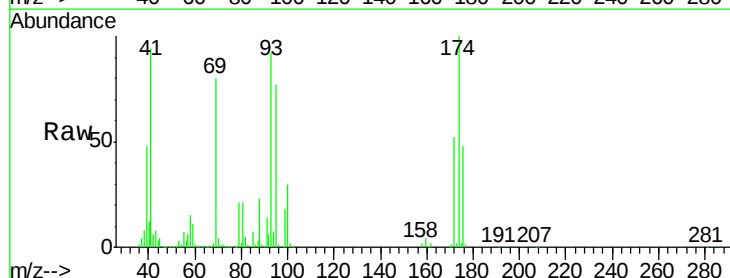
Instrument :
 MSVOA_N
 ClientSampled :

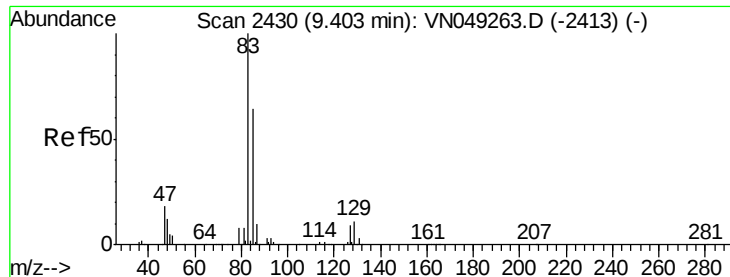
Tot Ion: 63 Resp: 944727
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.8 37.2



#46
 Dibromomethane
 Concen: 46.49 ug/l
 RT: 9.21 min Scan# 2369
 Delta R.T. -0.00 min
 Lab File: VN049309.D
 Acq: 16 Jun 2018 14:35

Tgt Ion: 93 Resp: 536557
 Ion Ratio Lower Upper
 93 100
 95 84.1 67.2 100.8
 174 110.4 75.6 113.4





#47

Bromodichloromethane

Concen: 47.74 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049309.D

Acq: 16 Jun 2018 14:35

Instrument :
MSVOA_N
ClientSampleId :

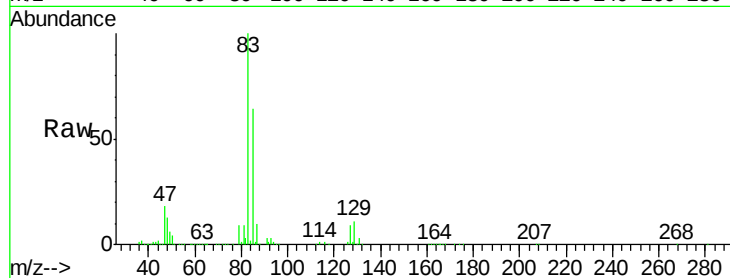
Tot Ion: 83 Resp: 1211001

Ion	Ratio	Lower	Upper
83	100		
85	64.1	49.4	74.0
127	8.9	6.3	9.5

83 100

85 64.1 49.4 74.0

127 8.9 6.3 9.5

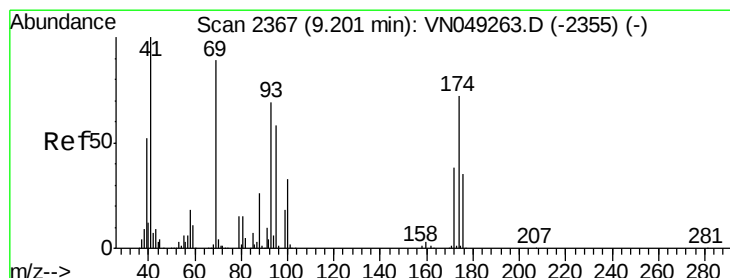
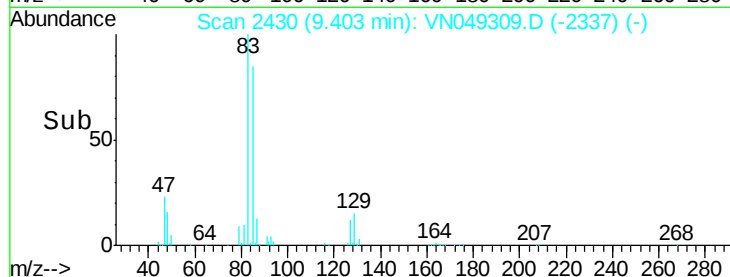
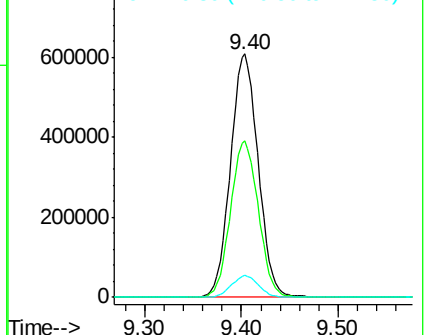


Abundance

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 46.25 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN049309.D

Acq: 16 Jun 2018 14:35

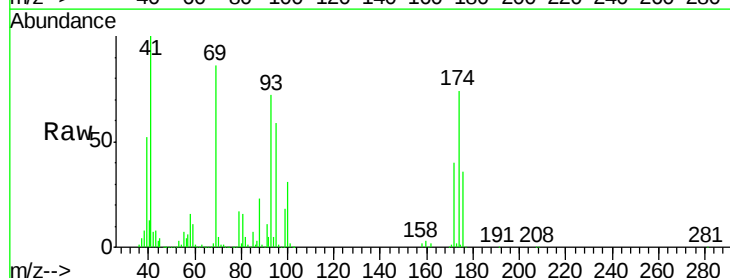
Tgt Ion: 41 Resp: 560997

Ion	Ratio	Lower	Upper
41	100		
69	92.9	62.0	93.0
39	56.3	50.6	75.8

41 100

69 92.9 62.0 93.0

39 56.3 50.6 75.8

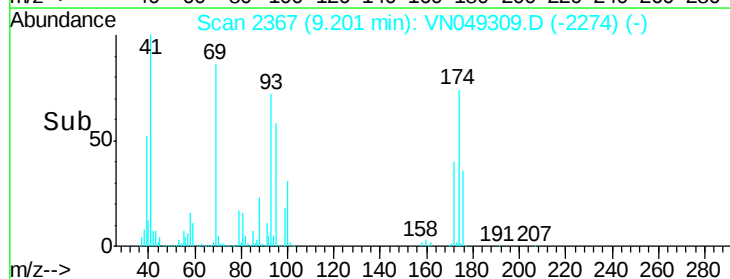
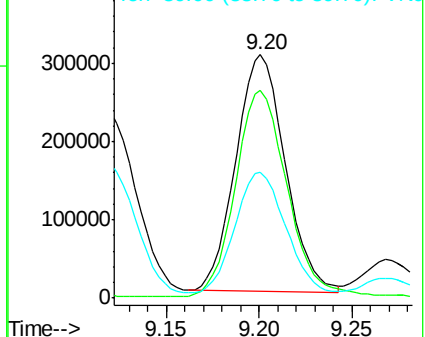


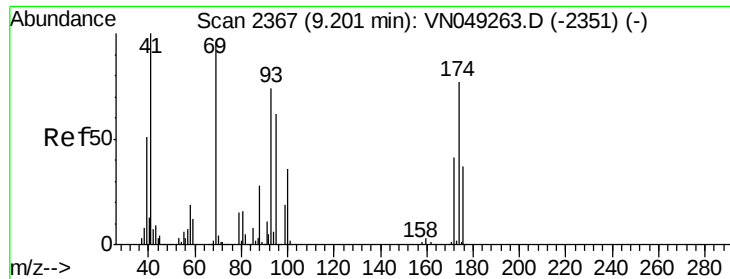
Abundance

Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

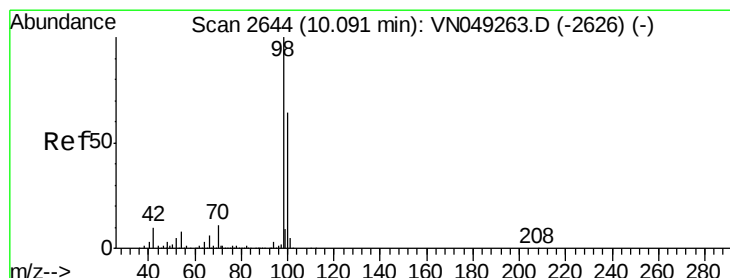
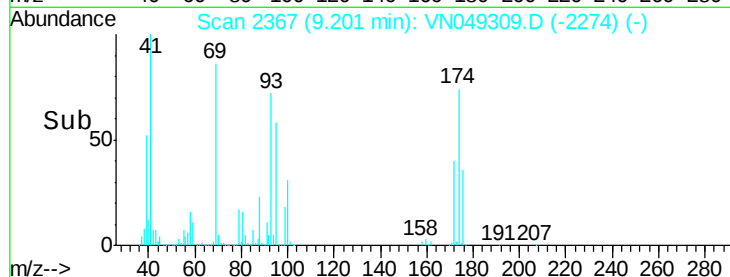
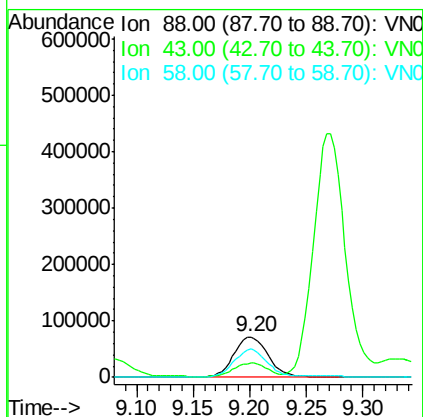
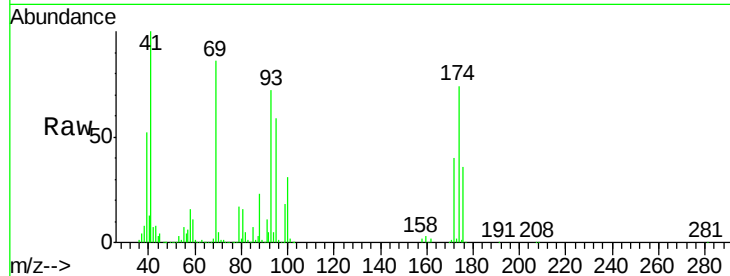




#49
1,4-Dioxane
Concen: 912.39 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN049309.D
Acq: 16 Jun 2018 14:35

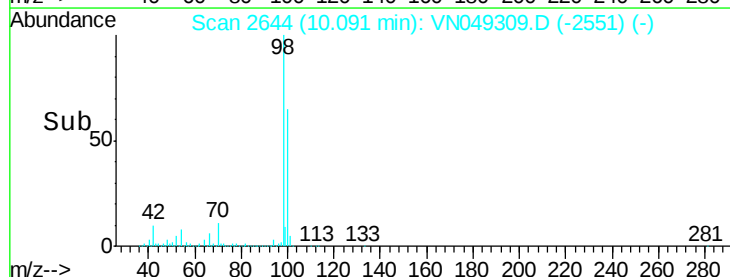
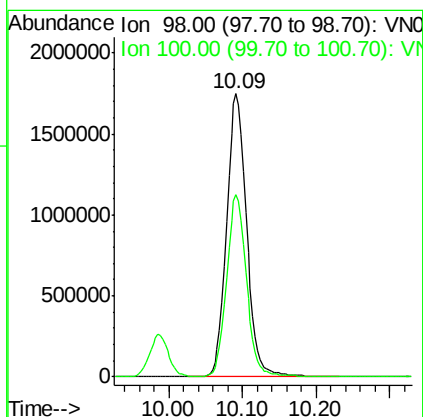
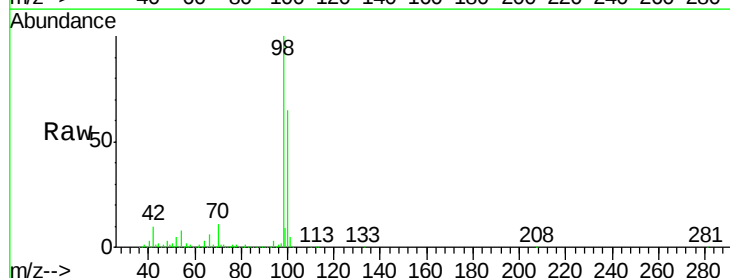
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 152746
Ion Ratio Lower Upper
88 100
43 31.5 30.9 46.3
58 67.2 58.9 88.3



#50
Toluene-d8
Concen: 49.46 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049309.D
Acq: 16 Jun 2018 14:35

Tgt Ion: 98 Resp: 3296489
Ion Ratio Lower Upper
98 100
100 64.4 49.8 74.8

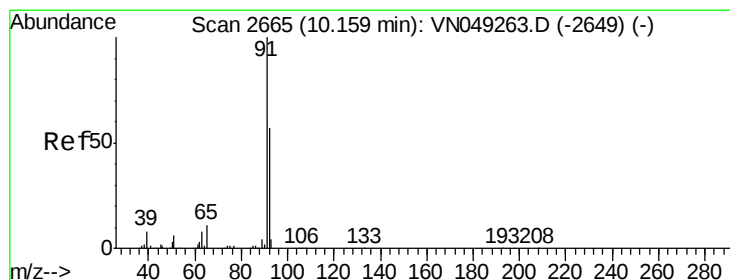
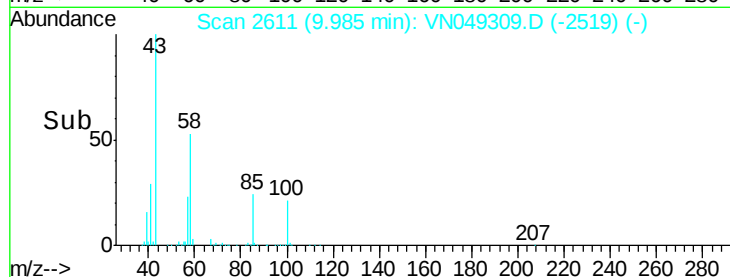
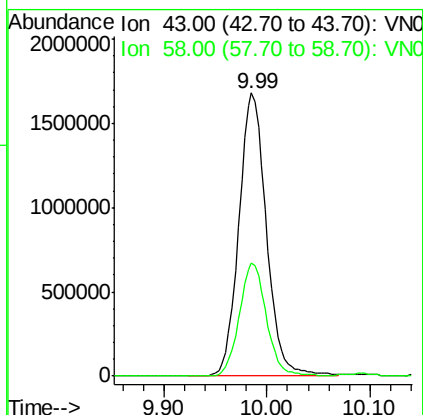
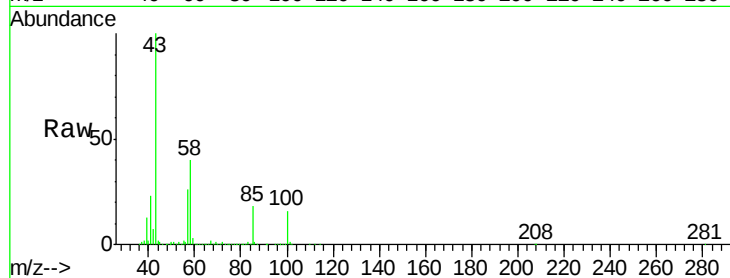




#51
4-Methyl-2-Pentanone
Concen: 230.91 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN049309.D
Acq: 16 Jun 2018 14:35

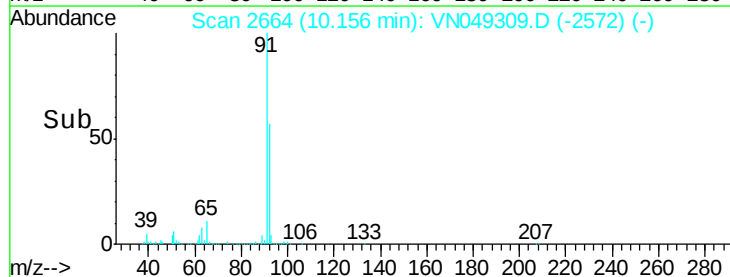
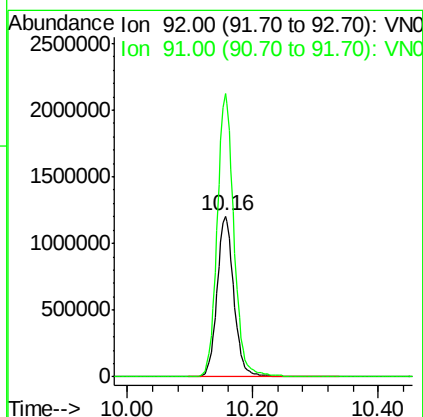
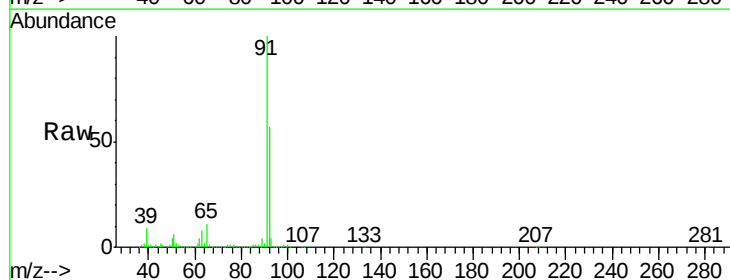
Instrument :
MSVOA_N
ClientSampleId :

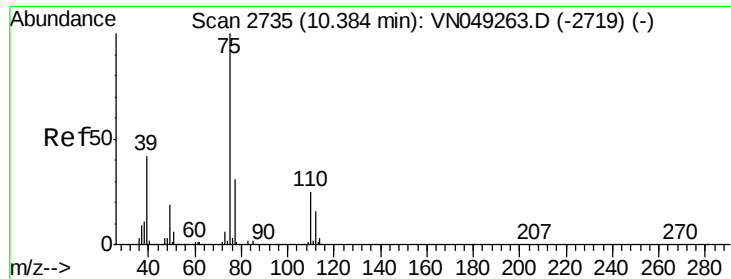
Tot Ion: 43 Resp: 3117269
Ion Ratio Lower Upper
43 100
58 39.4 29.0 43.6



#52
Toluene
Concen: 50.13 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. -0.00 min
Lab File: VN049309.D
Acq: 16 Jun 2018 14:35

Tgt Ion: 92 Resp: 2236957
Ion Ratio Lower Upper
92 100
91 175.7 143.4 215.2





#53

t-1,3-Dichloropropene

Concen: 45.13 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049309.D

Acq: 16 Jun 2018 14:35

Instrument :

MSVOA_N

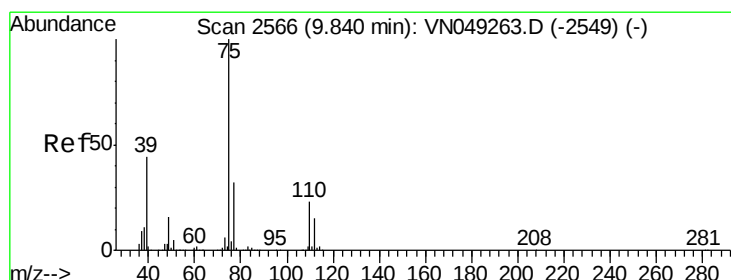
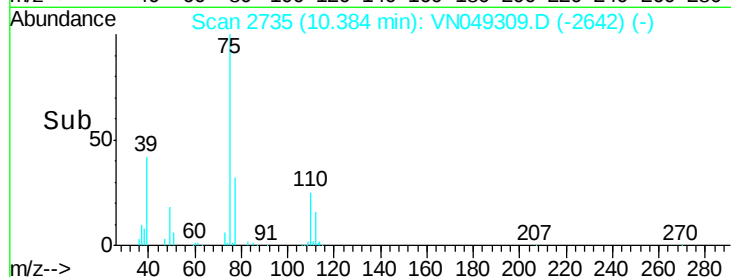
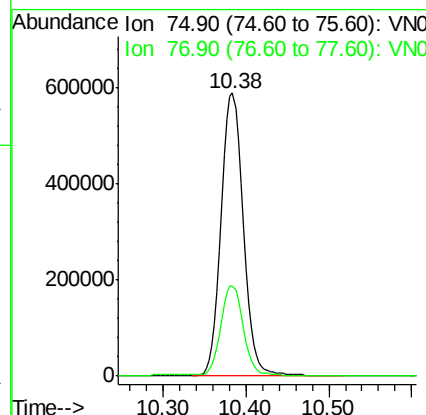
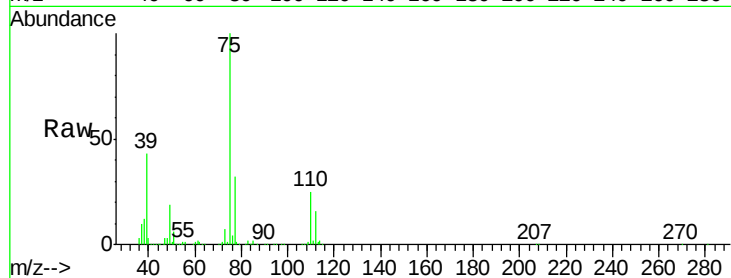
ClientSampleId :

Tot Ion: 75 Resp: 1095199

Ion Ratio Lower Upper

75 100

77 31.9 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 45.56 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049309.D

Acq: 16 Jun 2018 14:35

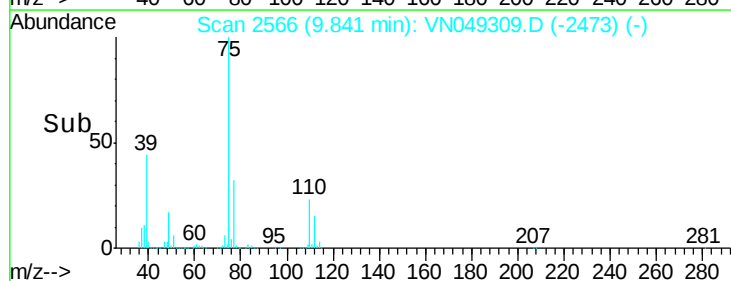
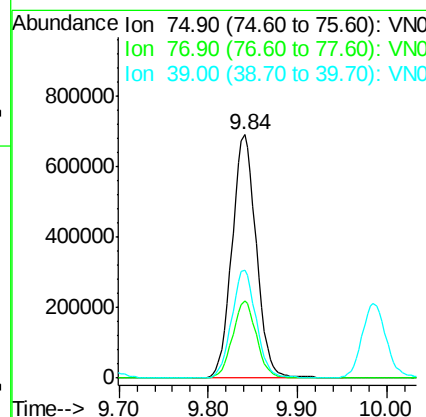
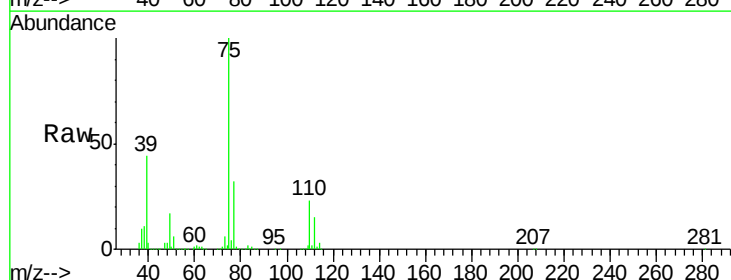
Tgt Ion: 75 Resp: 1305448

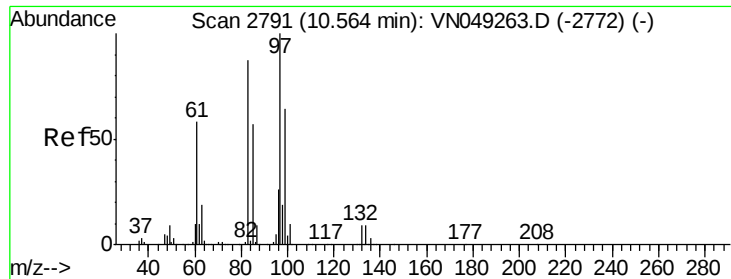
Ion Ratio Lower Upper

75 100

77 31.6 24.8 37.2

39 44.4 45.1 67.7#

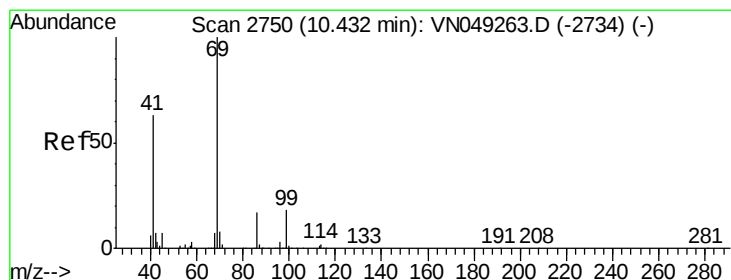
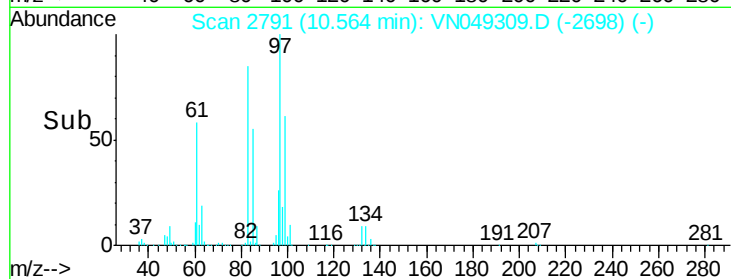
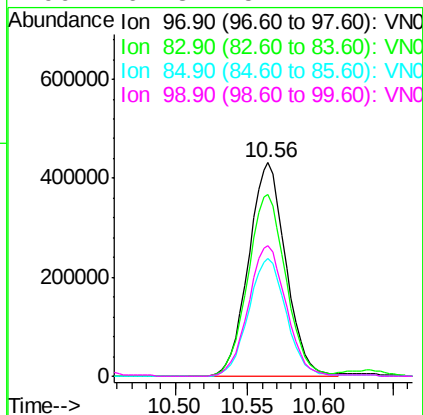
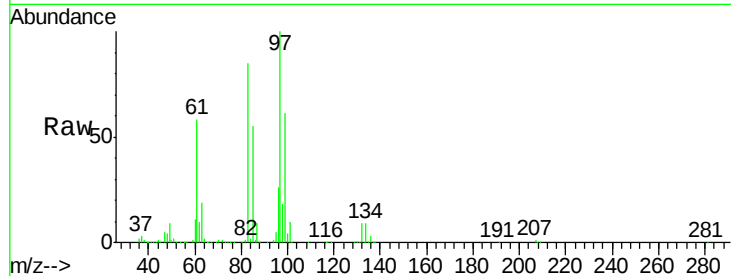




#55
 1,1,2-Trichloroethane
 Concen: 46.31 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049309.D
 Acq: 16 Jun 2018 14:35

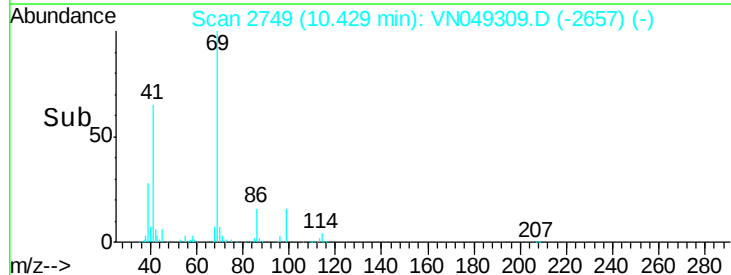
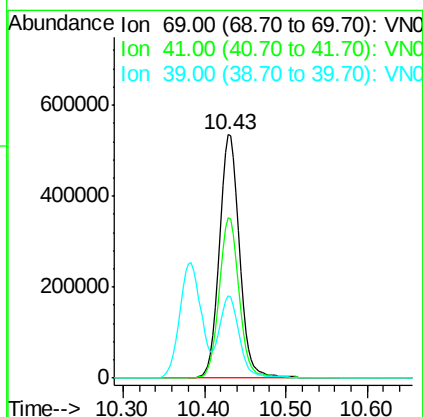
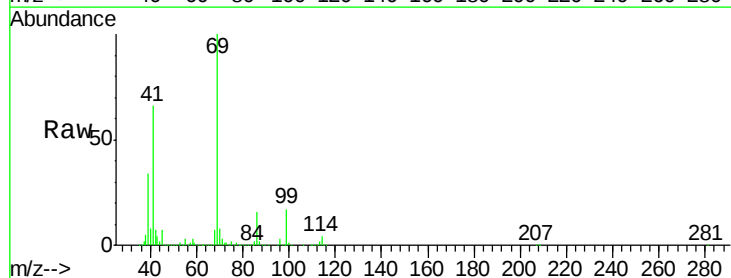
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	97	Resp:	770270
Ion	Ratio	Lower	Upper
97	100		
83	84.9	71.5	107.3
85	55.2	47.0	70.4
99	61.3	51.4	77.2



#56
 Ethyl methacrylate
 Concen: 48.97 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. -0.00 min
 Lab File: VN049309.D
 Acq: 16 Jun 2018 14:35

Tgt Ion:	69	Resp:	939685
Ion	Ratio	Lower	Upper
69	100		
41	64.5	58.4	87.6
39	32.8	35.5	53.3#





#57

1,3-Dichloropropane

Concen: 47.65 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049309.D

Acq: 16 Jun 2018 14:35

Instrument :

MSVOA_N

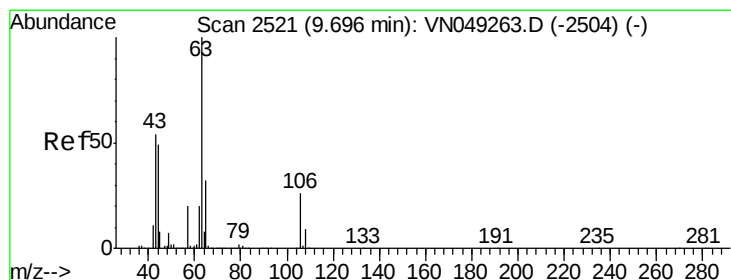
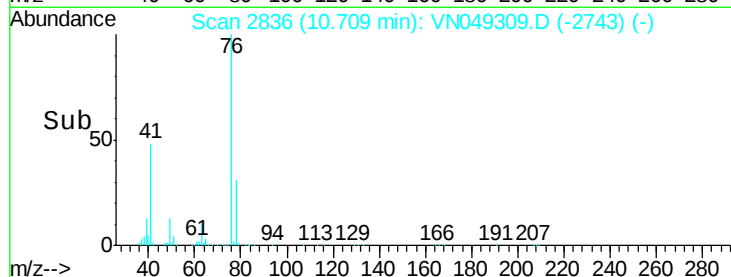
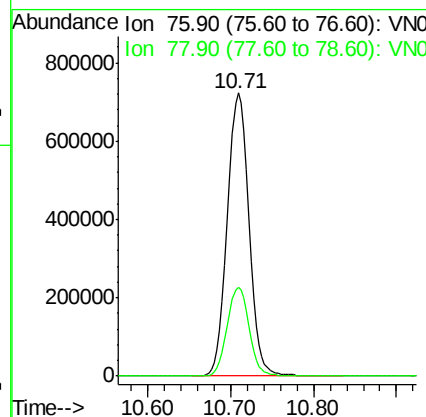
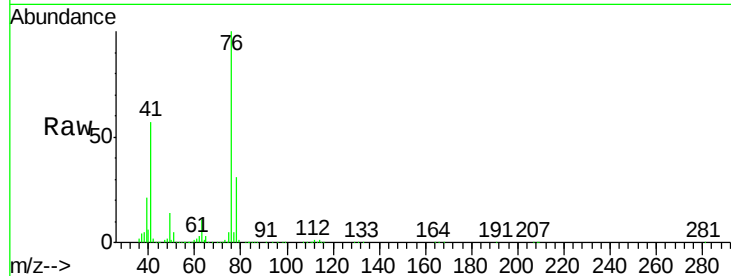
ClientSampleId :

Tot Ion: 76 Resp: 1313145

Ion Ratio Lower Upper

76 100

78 31.8 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 217.04 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049309.D

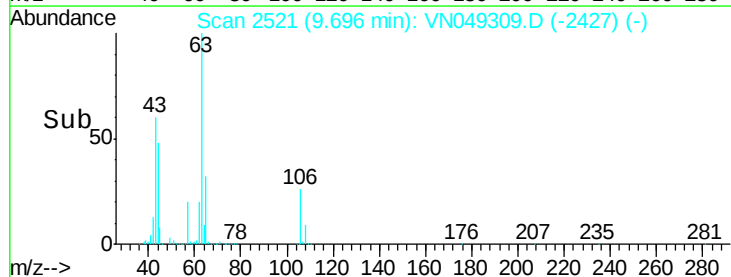
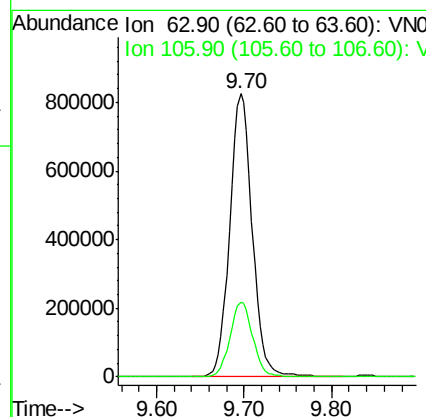
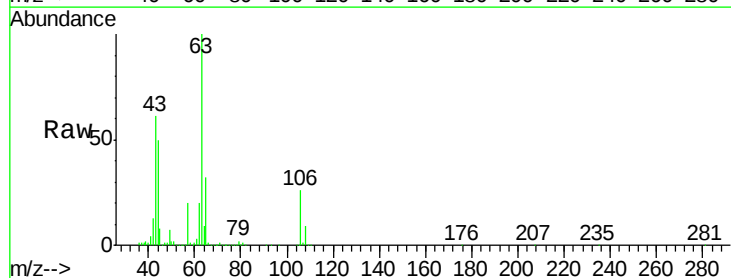
Acq: 16 Jun 2018 14:35

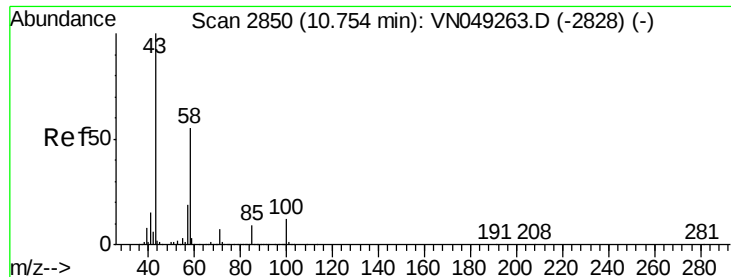
Tgt Ion: 63 Resp: 1475294

Ion Ratio Lower Upper

63 100

106 26.6 19.4 29.2

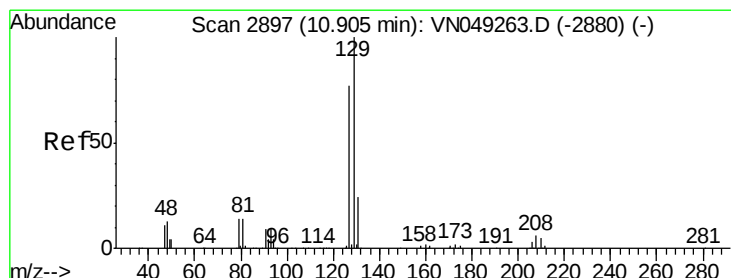
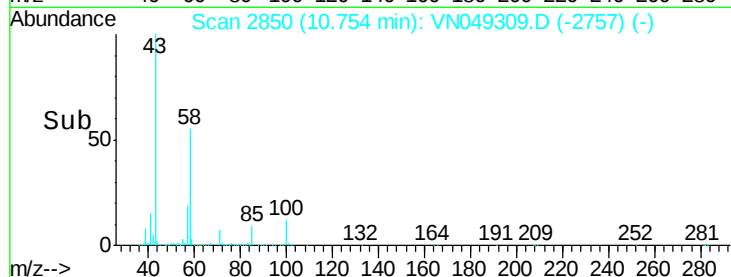
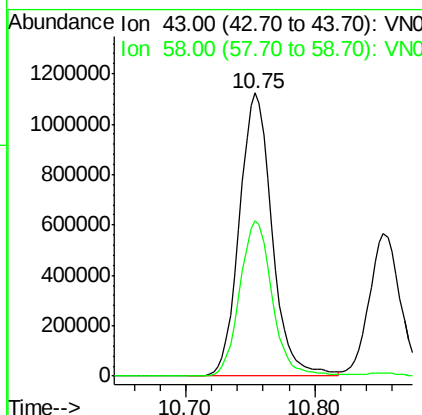
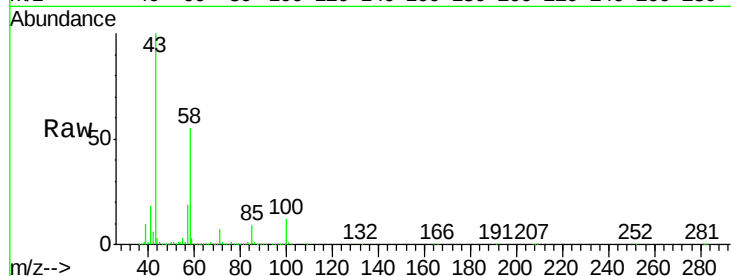




#59
2-Hexanone
Concen: 226.63 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049309.D
Acq: 16 Jun 2018 14:35

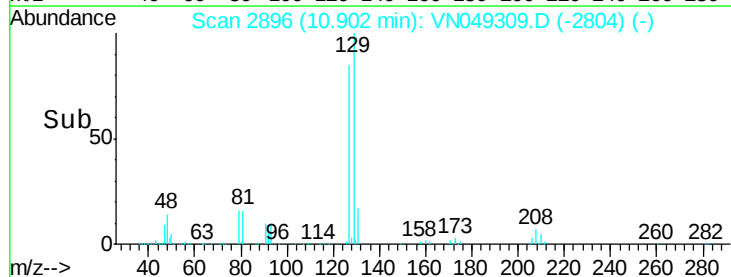
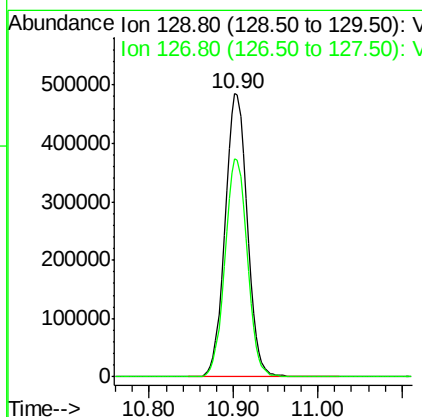
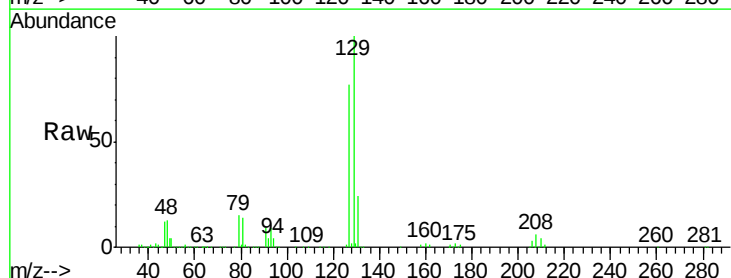
Instrument :
MSVOA_N
ClientSampleId :

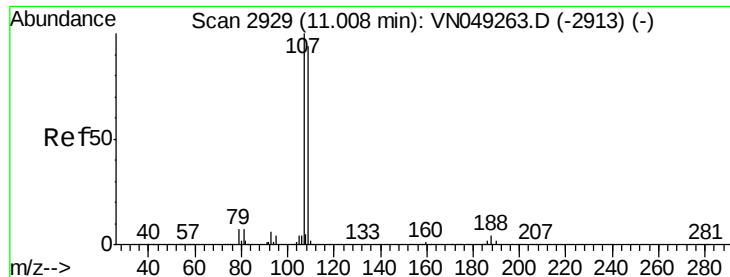
Tot Ion: 43 Resp: 1972453
Ion Ratio Lower Upper
43 100
58 54.9 25.2 75.6



#60
Dibromochloromethane
Concen: 47.85 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VN049309.D
Acq: 16 Jun 2018 14:35

Tgt Ion: 129 Resp: 888403
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.2

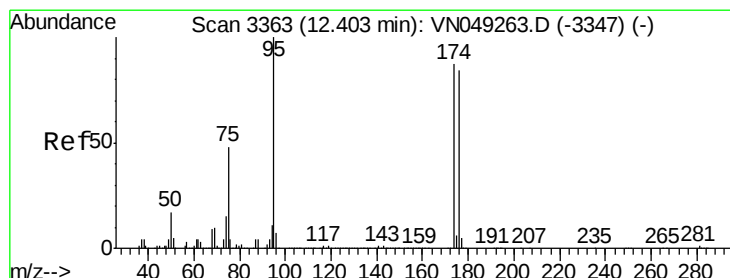
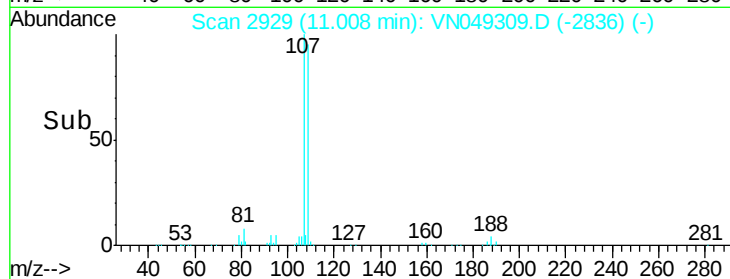
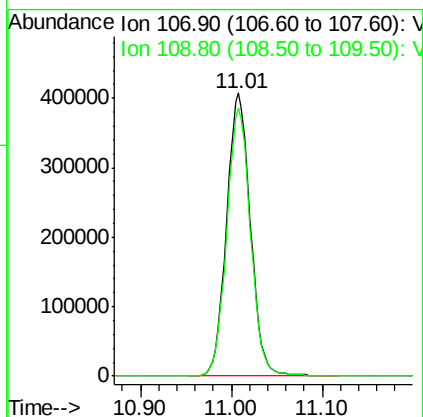
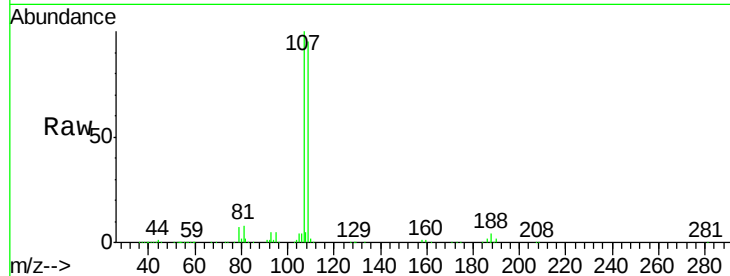




#61
 1,2-Dibromoethane
 Concen: 47.88 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN049309.D
 Acq: 16 Jun 2018 14:35

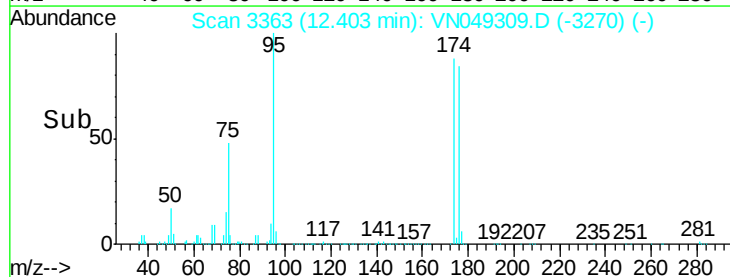
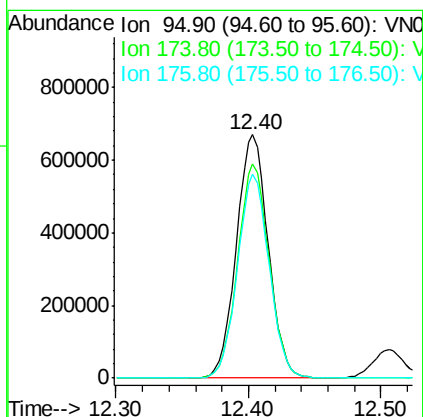
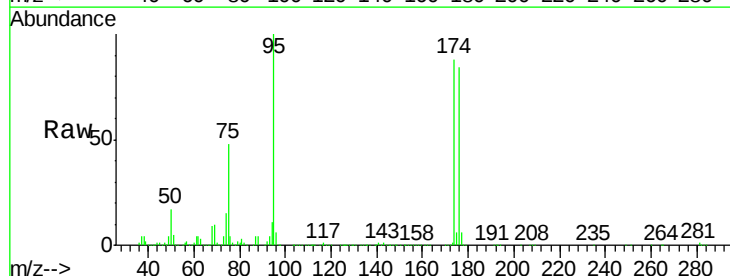
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:107 Resp: 740387
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 50.58 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049309.D
 Acq: 16 Jun 2018 14:35

Tgt Ion: 95 Resp: 1114739
 Ion Ratio Lower Upper
 95 100
 174 87.2 0.0 165.6
 176 83.2 0.0 157.4

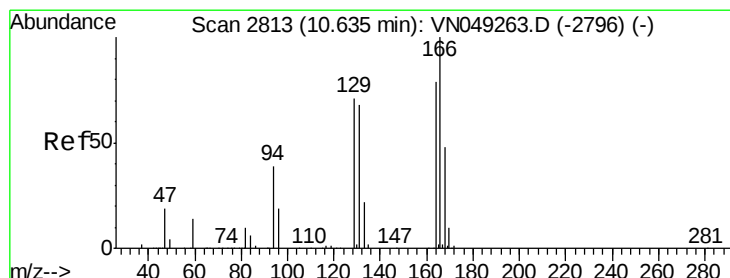
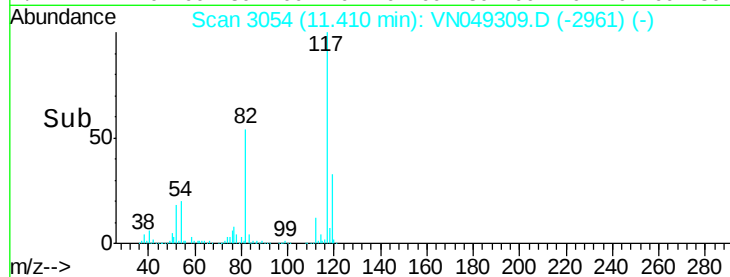
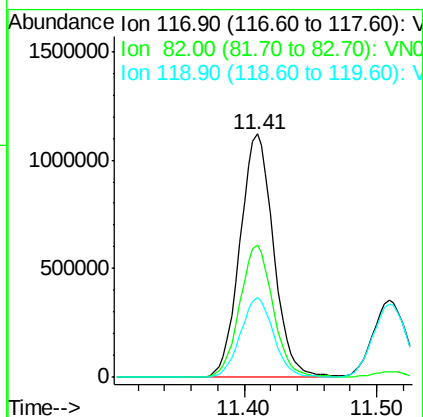
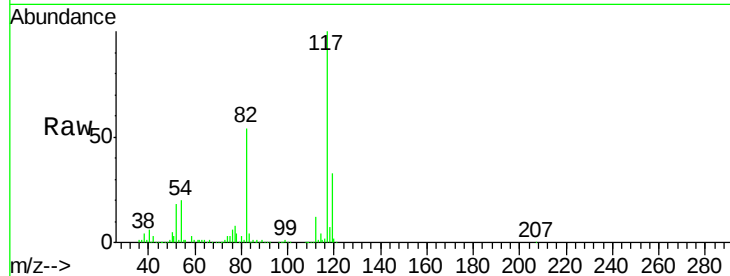




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049309.D
Acq: 16 Jun 2018 14:35

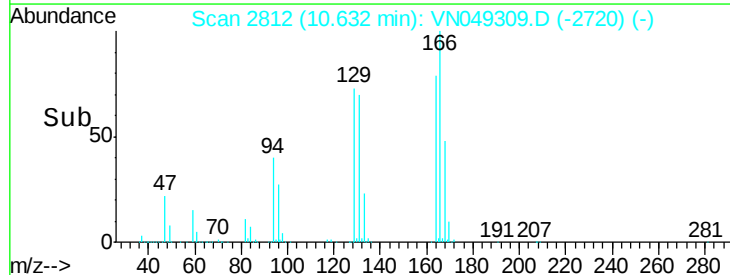
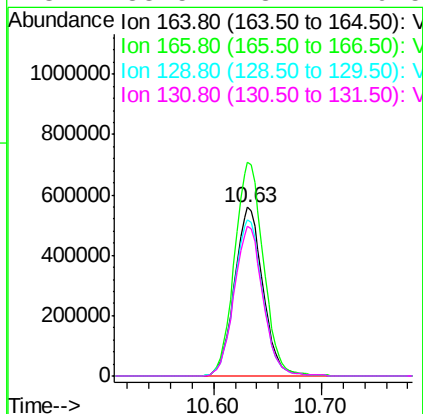
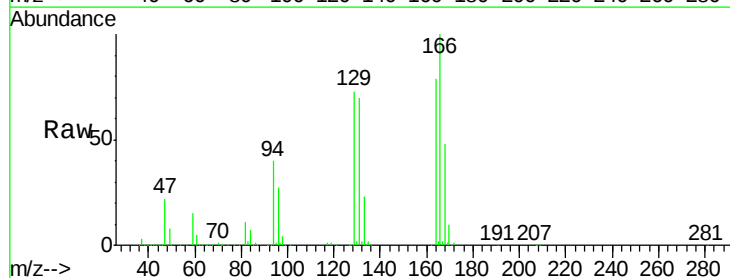
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 1971177
Ion Ratio Lower Upper
117 100
82 54.2 45.9 68.9
119 32.7 25.5 38.3



#64
Tetrachloroethene
Concen: 50.56 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN049309.D
Acq: 16 Jun 2018 14:35

Tgt Ion:164 Resp: 1021234
Ion Ratio Lower Upper
164 100
166 126.5 101.4 152.2
129 92.8 74.1 111.1
131 88.5 73.7 110.5

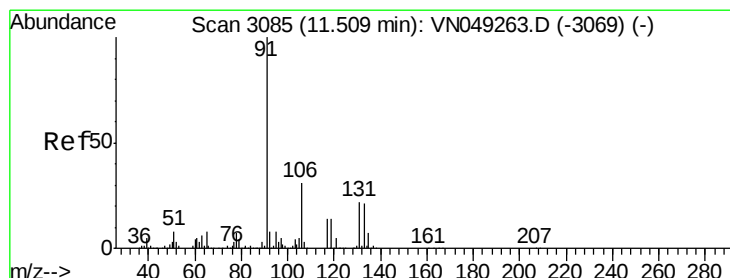
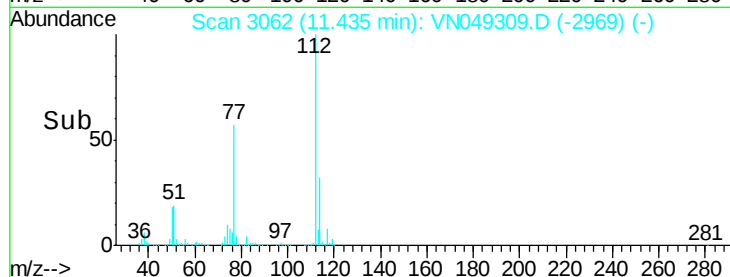
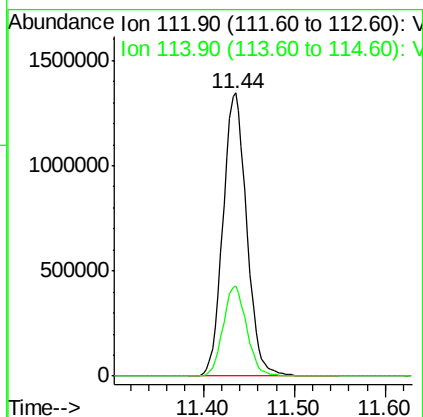
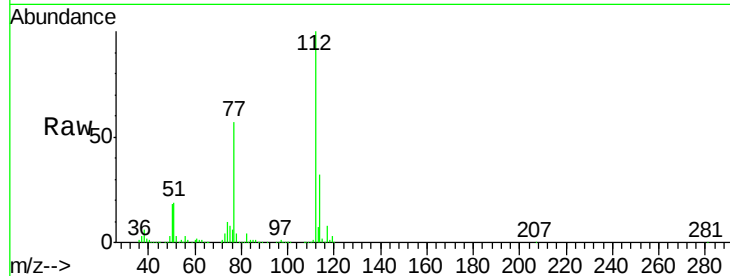




#65
Chlorobenzene
Concen: 47.94 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049309.D
Acq: 16 Jun 2018 14:35

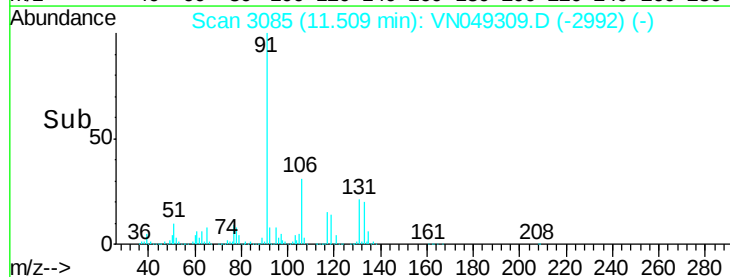
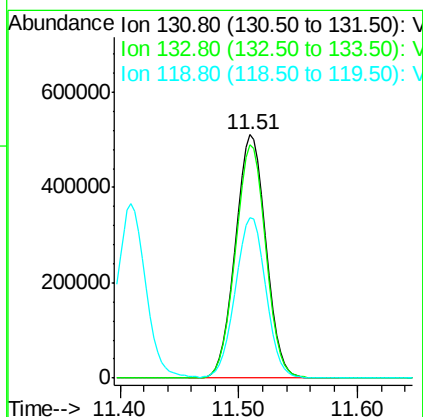
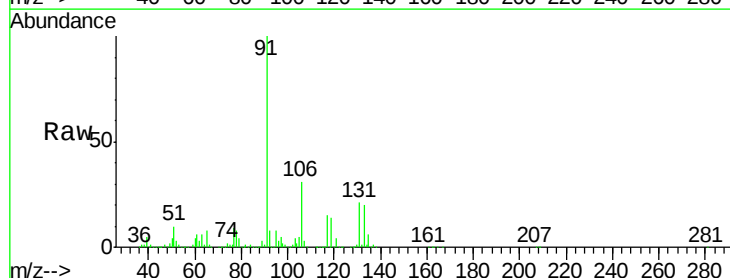
Instrument :
MSVOA_N
ClientSampled :

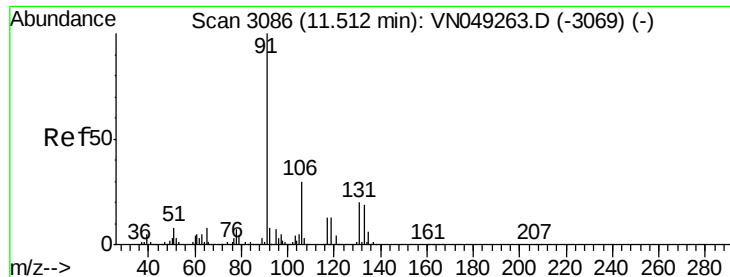
Tot Ion:112 Resp: 2434450
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 47.50 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VN049309.D
Acq: 16 Jun 2018 14:35

Tgt Ion:131 Resp: 907622
Ion Ratio Lower Upper
131 100
133 95.5 48.0 144.2
119 66.3 33.6 100.8





#67

Ethyl Benzene

Concen: 50.61 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049309.D

Acq: 16 Jun 2018 14:35

Instrument :

MSVOA_N

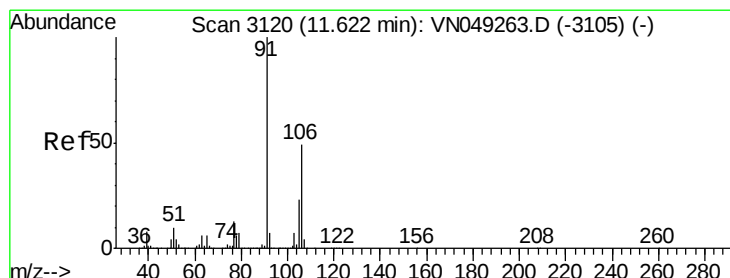
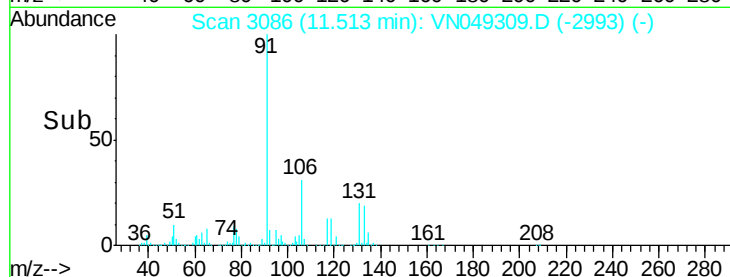
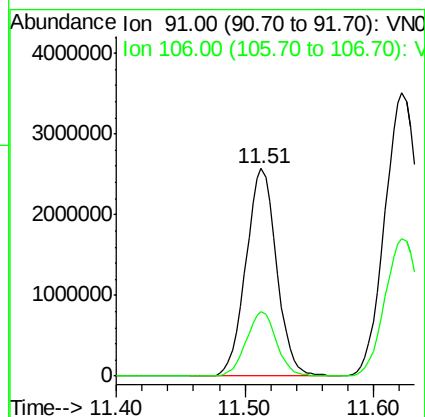
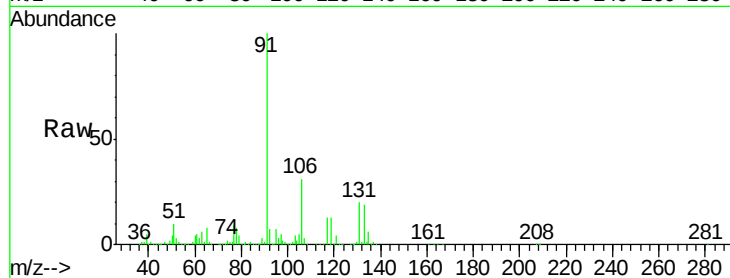
ClientSampled :

Tot Ion: 91 Resp: 4262463

Ion Ratio Lower Upper

91 100

106 30.9 23.9 35.9



#68

m/p-Xylenes

Concen: 102.93 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN049309.D

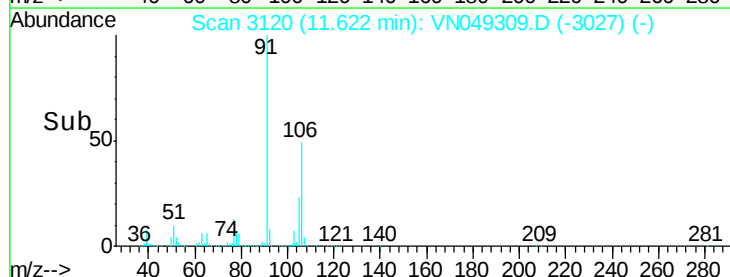
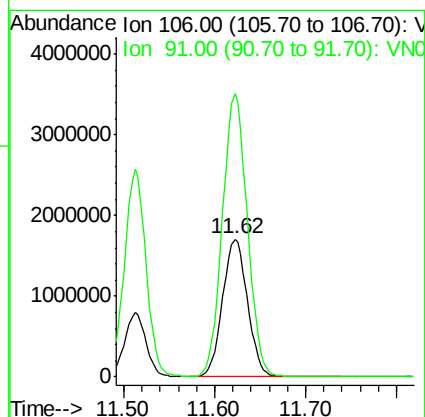
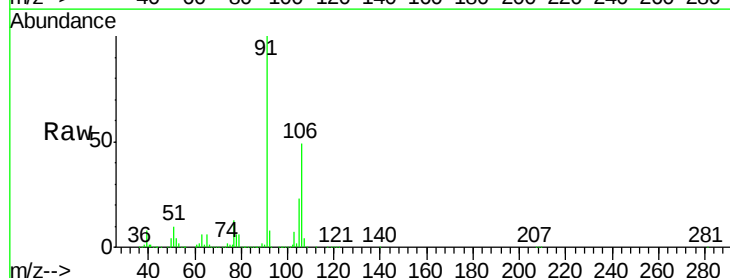
Acq: 16 Jun 2018 14:35

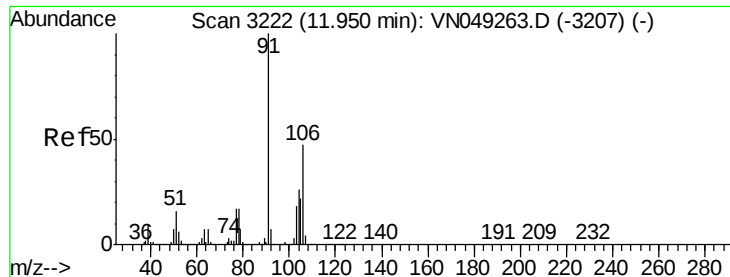
Tgt Ion: 106 Resp: 3253600

Ion Ratio Lower Upper

106 100

91 205.2 167.3 250.9





#69

o-Xylene

Concen: 51.44 ug/l

RT: 11.95 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN049309.D

Acq: 16 Jun 2018 14:35

Instrument :

MSVOA_N

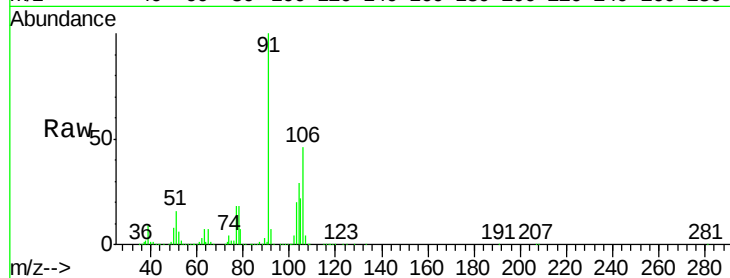
ClientSampleId :

Tot Ion:106 Resp: 1566084

Ion Ratio Lower Upper

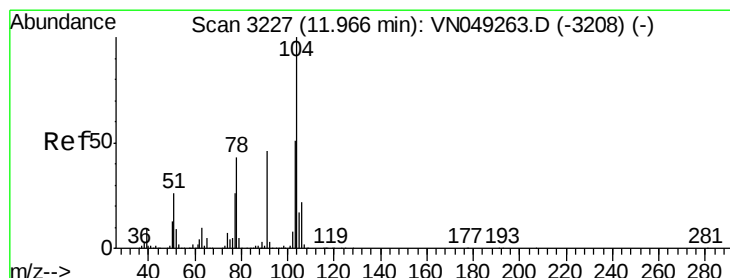
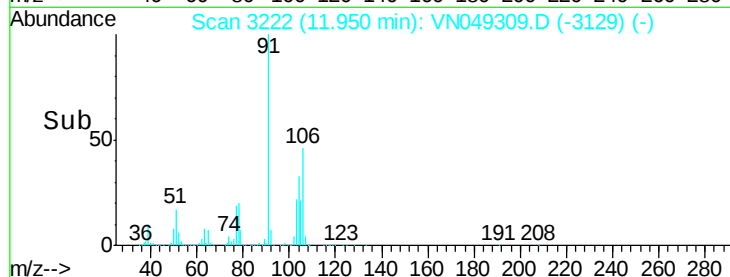
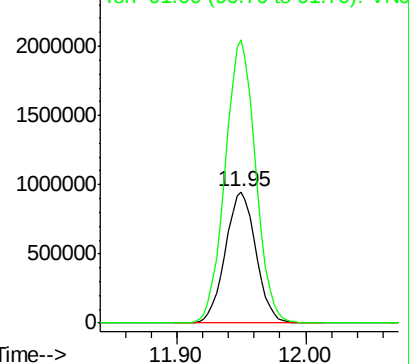
106 100

91 215.0 111.0 333.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#70

Styrene

Concen: 53.51 ug/l

RT: 11.97 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VN049309.D

Acq: 16 Jun 2018 14:35

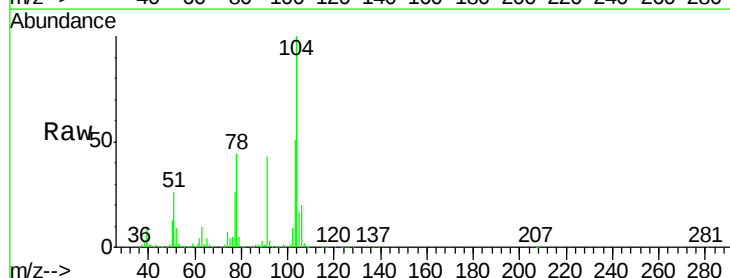
Tgt Ion:104 Resp: 2570110

Ion Ratio Lower Upper

104 100

78 49.0 41.6 62.4

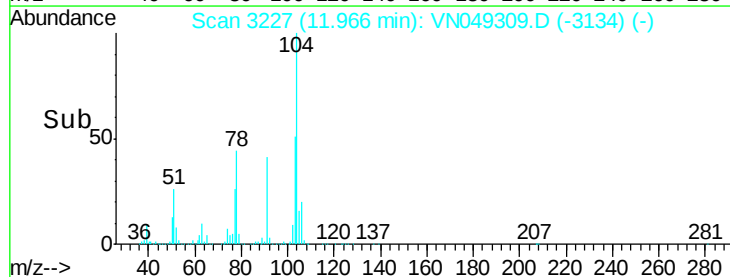
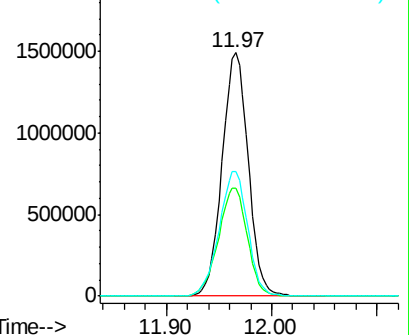
103 55.9 45.4 68.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 47.21 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN049309.D

Acq: 16 Jun 2018 14:35

Instrument :

MSVOA_N

ClientSampled :

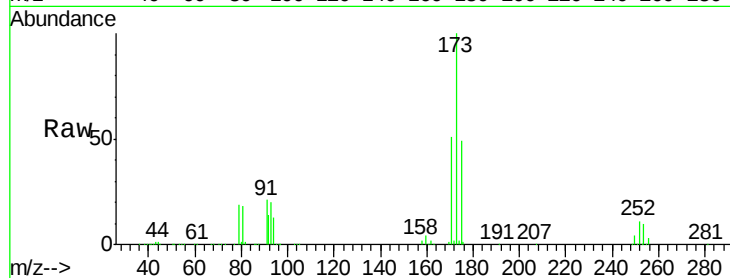
Tot Ion:173 Resp: 583910

Ion Ratio Lower Upper

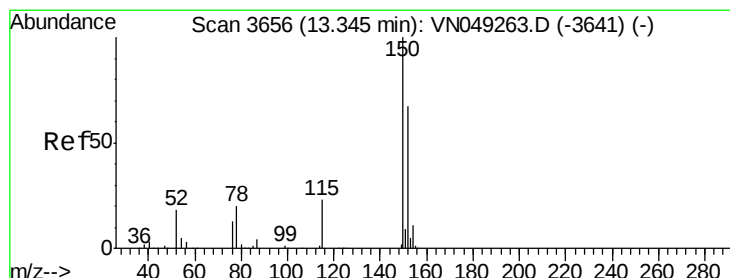
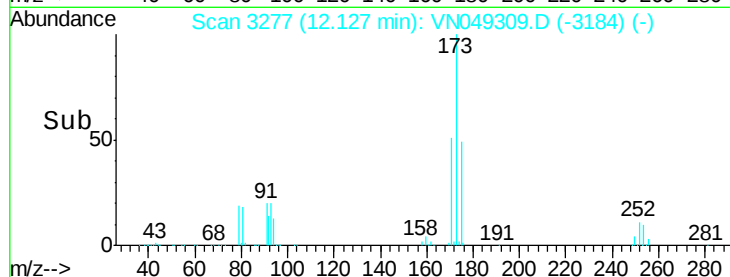
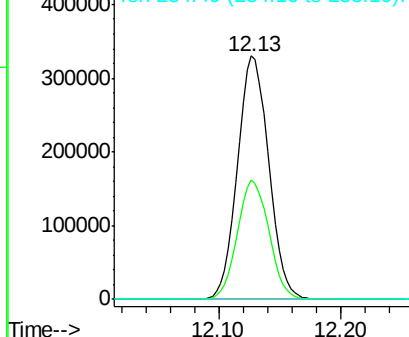
173 100

175 49.3 24.5 73.5

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049309.D

Acq: 16 Jun 2018 14:35

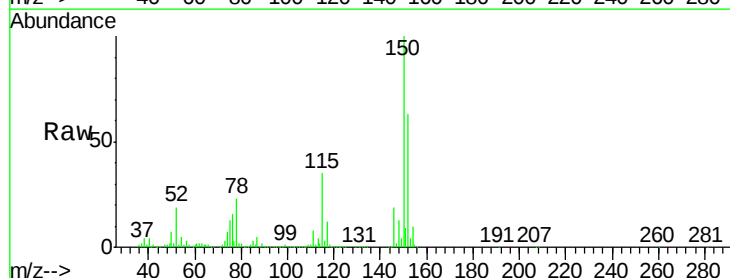
Tgt Ion:152 Resp: 1011335

Ion Ratio Lower Upper

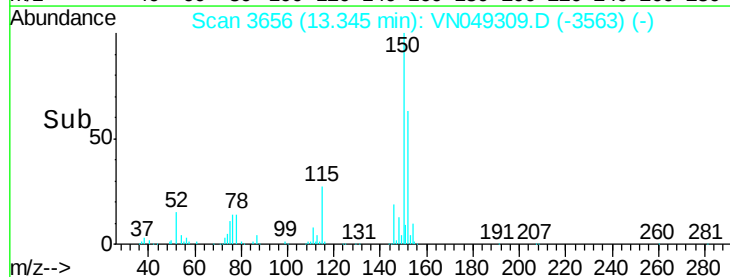
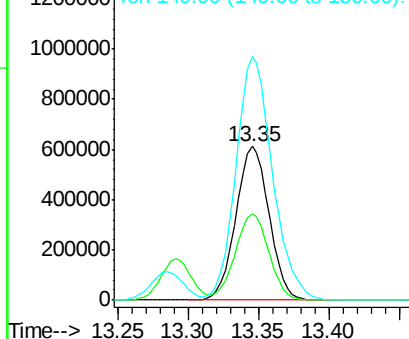
152 100

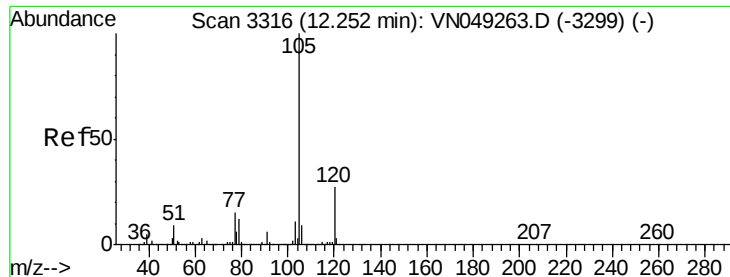
115 56.4 28.7 86.1

150 173.9 0.0 351.0



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





#73

Isopropylbenzene

Concen: 47.54 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN049309.D

Acq: 16 Jun 2018 14:35

Instrument :

MSVOA_N

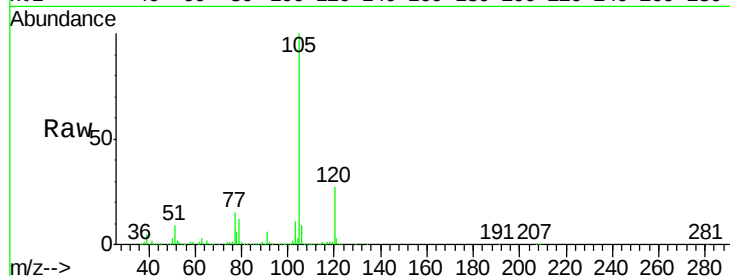
ClientSampled :

Tot Ion:105 Resp: 4221278

Ion Ratio Lower Upper

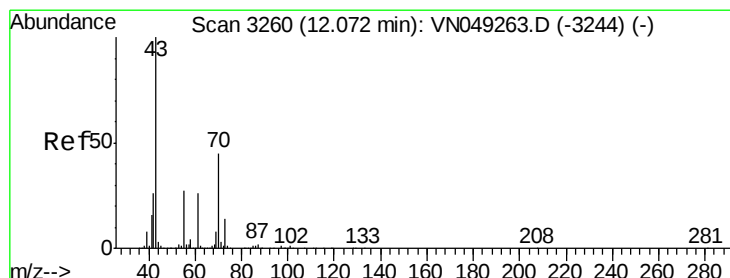
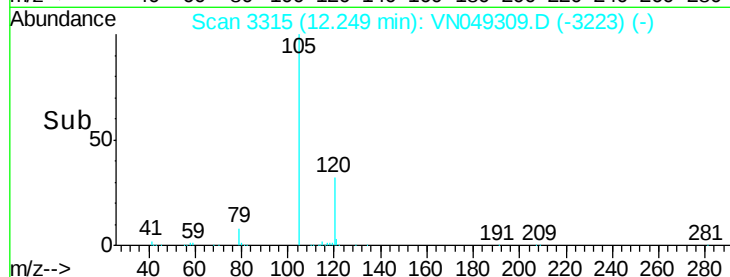
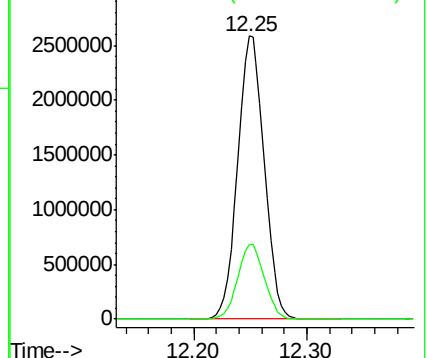
105 100

120 26.5 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: 45.33 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049309.D

Acq: 16 Jun 2018 14:35

Tgt Ion: 43 Resp: 985995

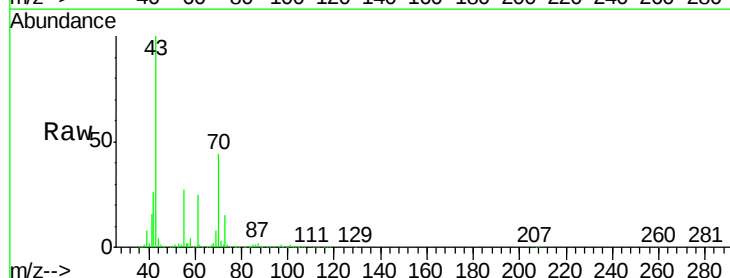
Ion Ratio Lower Upper

43 100

70 43.5 30.3 45.5

55 27.1 19.4 29.2

61 24.6 17.8 26.6

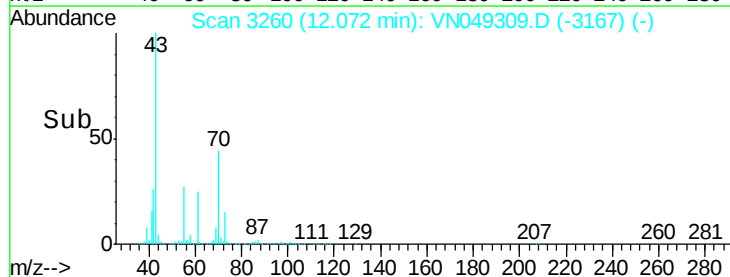
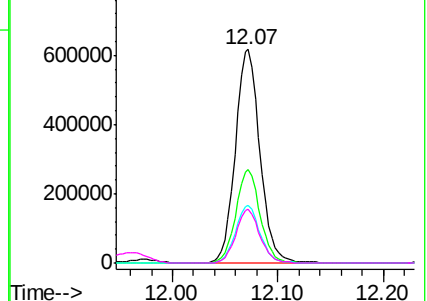


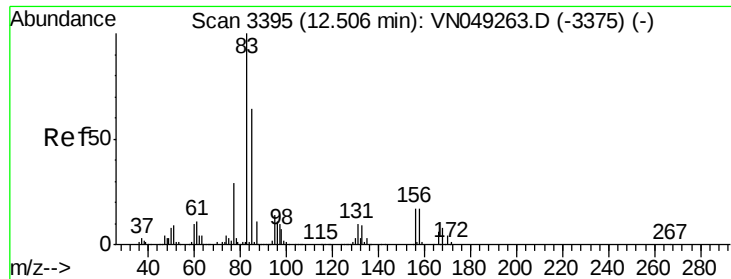
Abundance Ion 43.00 (42.70 to 43.70): V

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: 47.17 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049309.D

Acq: 16 Jun 2018 14:35

Instrument :

MSVOA_N

ClientSampleId :

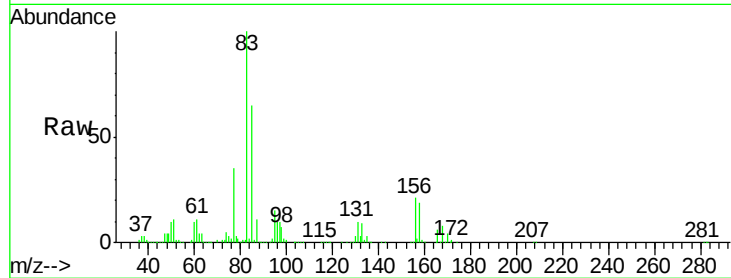
Tot Ion: 83 Resp: 863946

Ion Ratio Lower Upper

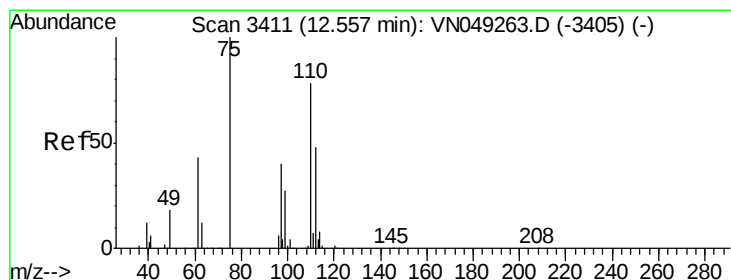
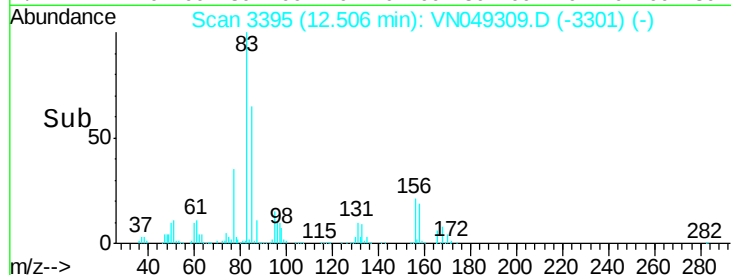
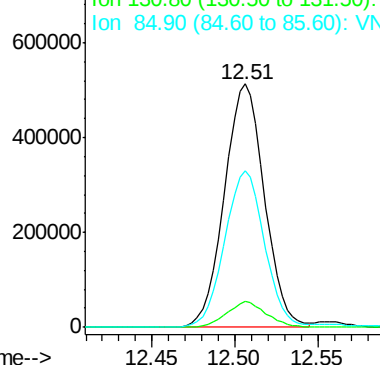
83 100

131 10.6 5.0 15.0

85 64.0 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN049309.D (-3301) (-)



#76

1,2,3-Trichloropropane

Concen: 62.16 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN049309.D

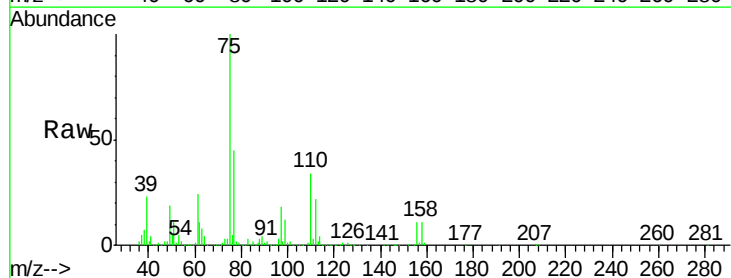
Acq: 16 Jun 2018 14:35

Tgt Ion: 75 Resp: 1072546

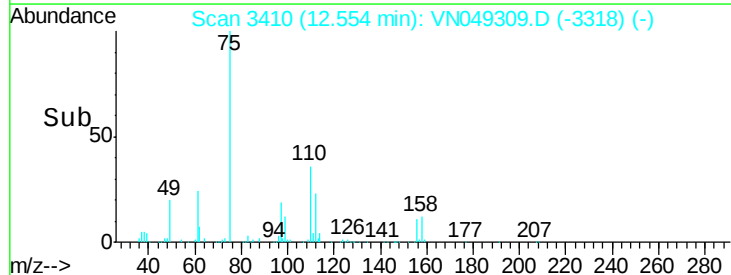
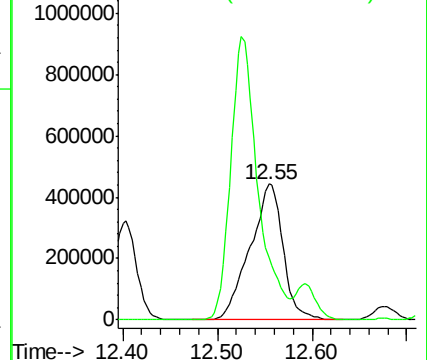
Ion Ratio Lower Upper

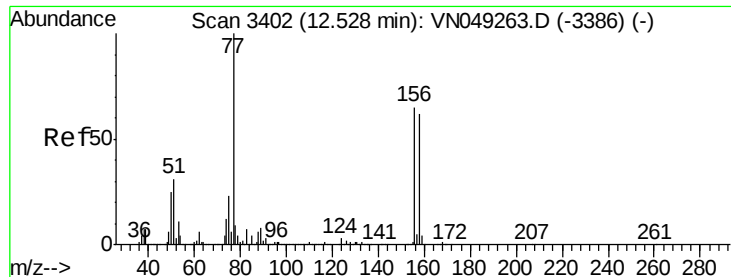
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN049309.D (-3318) (-)





#77

Bromobenzene

Concen: 44.14 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN049309.D

Acq: 16 Jun 2018 14:35

Instrument :

MSVOA_N

ClientSampleId :

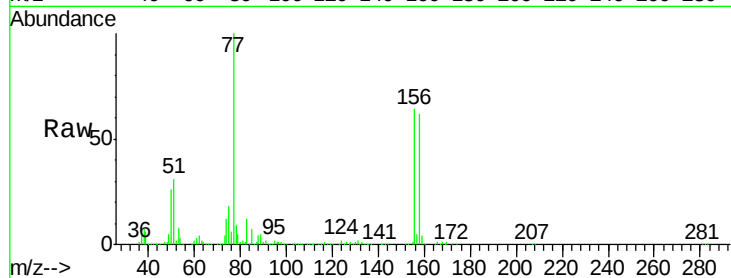
Tot Ion:156 Resp: 1035410

Ion Ratio Lower Upper

156 100

77 179.2 100.8 302.4

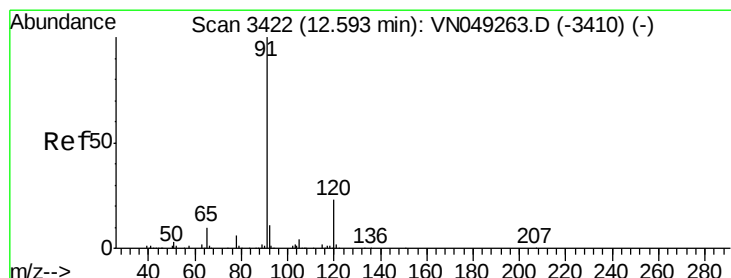
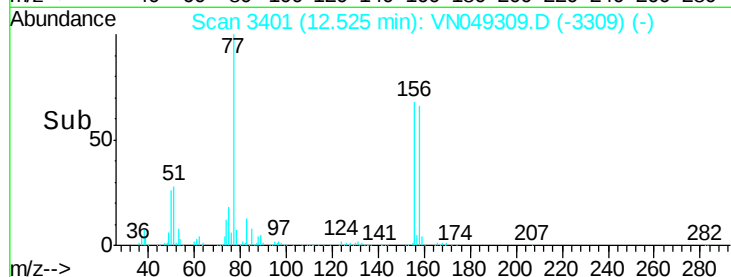
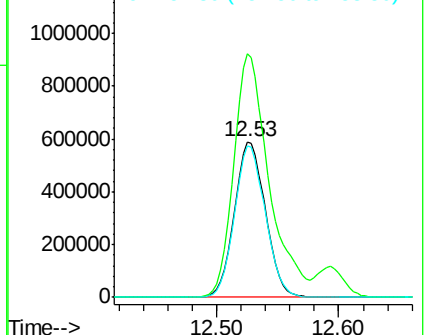
158 96.7 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.27 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049309.D

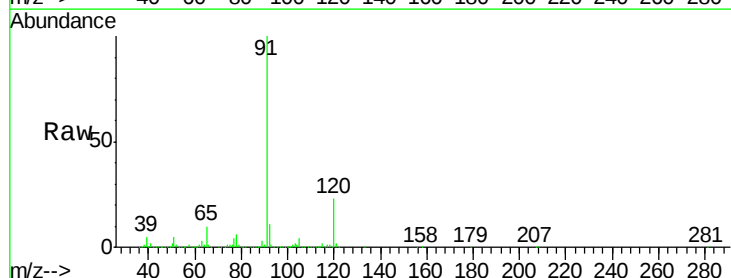
Acq: 16 Jun 2018 14:35

Tgt Ion: 91 Resp: 4803390

Ion Ratio Lower Upper

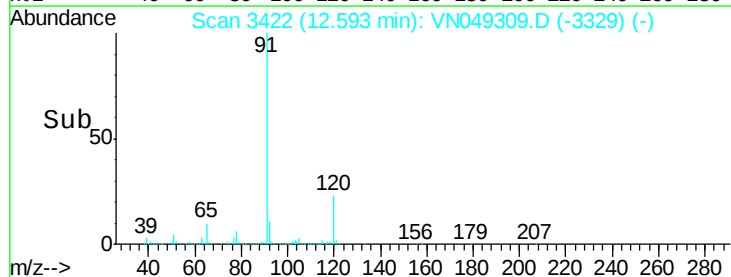
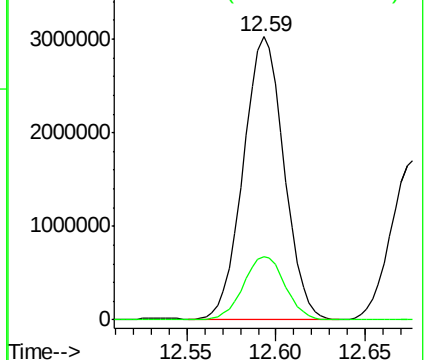
91 100

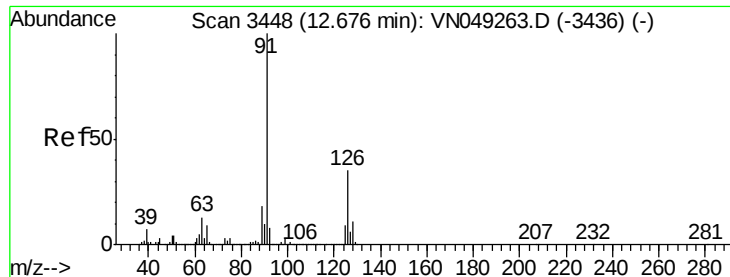
120 23.0 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.22 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049309.D

Acq: 16 Jun 2018 14:35

Instrument :

MSVOA_N

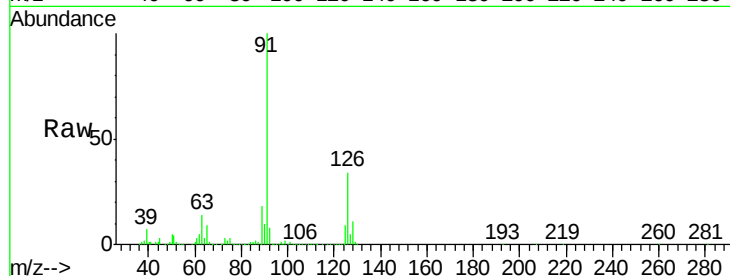
ClientSampleId :

Tot Ion: 91 Resp: 2855344

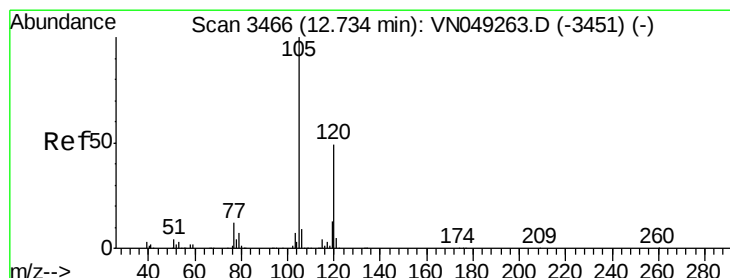
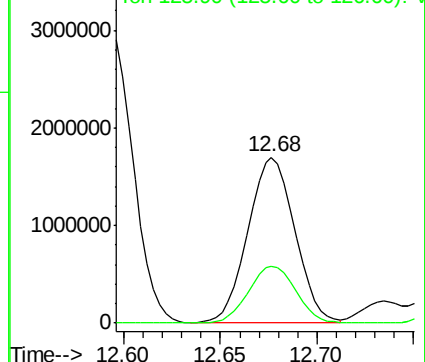
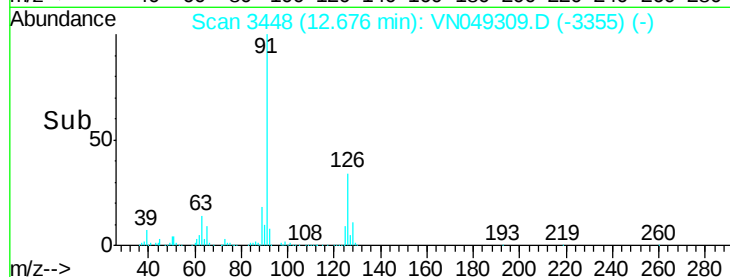
Ion Ratio Lower Upper

91 100

126 34.8 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN049309.D (-3355) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.45 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049309.D

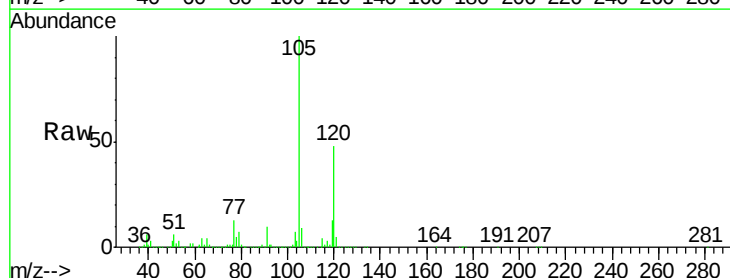
Acq: 16 Jun 2018 14:35

Tgt Ion:105 Resp: 3451165

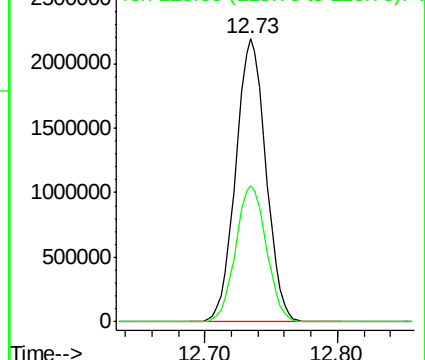
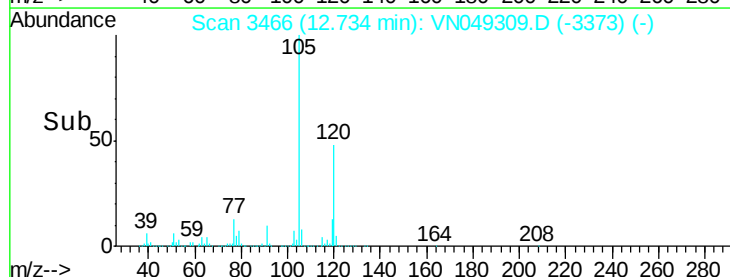
Ion Ratio Lower Upper

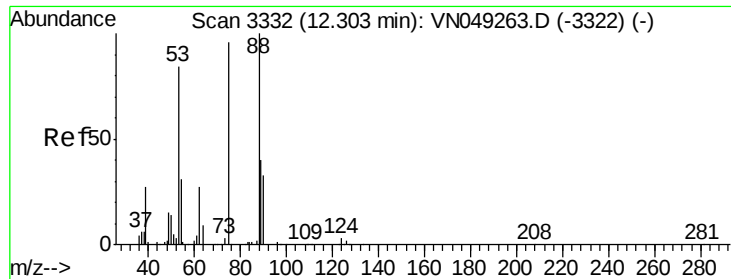
105 100

120 48.9 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): VN049309.D (-3373) (-)

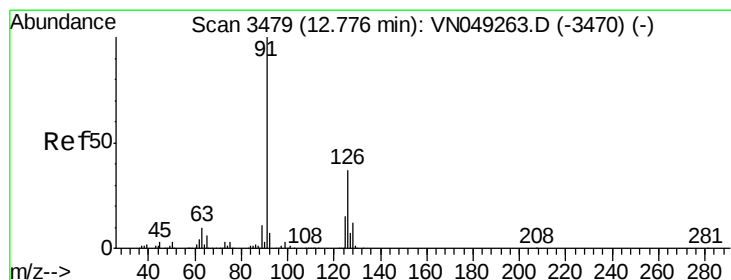
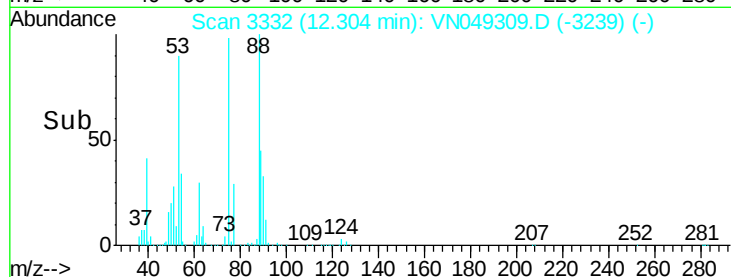
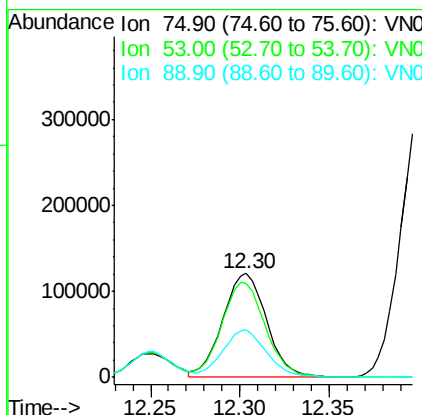
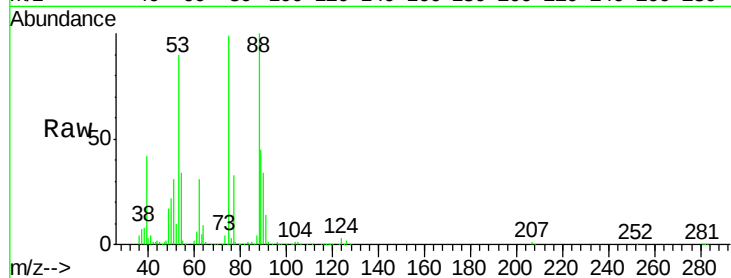




#81
trans-1,4-Dichloro-2-butene
Concen: 37.43 ug/l
RT: 12.30 min Scan# 3332
Delta R.T. 0.00 min
Lab File: VN049309.D
Acq: 16 Jun 2018 14:35

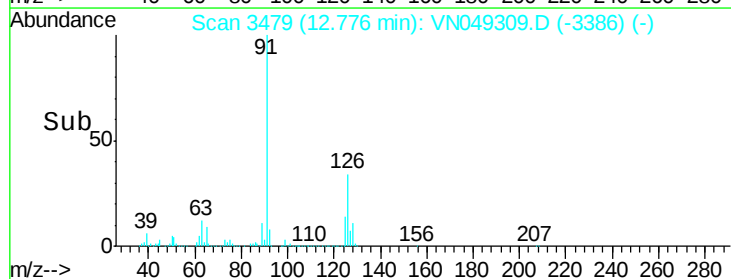
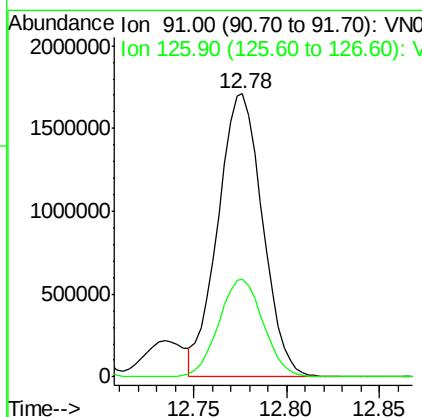
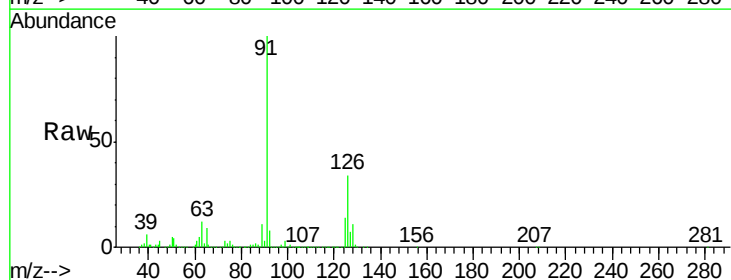
Instrument :
MSVOA_N
ClientSampled :

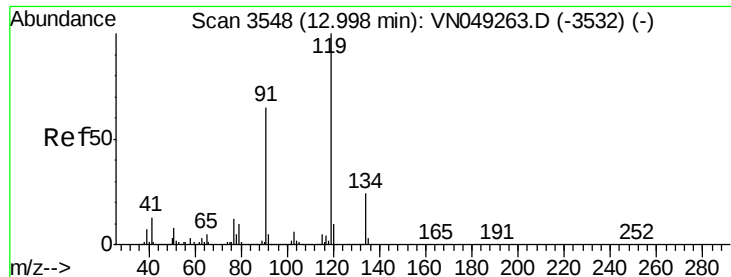
Tot Ion: 75 Resp: 204362
Ion Ratio Lower Upper
75 100
53 92.8 82.7 124.1
89 46.1 36.5 54.7



#82
4-Chlorotoluene
Concen: 47.76 ug/l
RT: 12.78 min Scan# 3479
Delta R.T. 0.00 min
Lab File: VN049309.D
Acq: 16 Jun 2018 14:35

Tgt Ion: 91 Resp: 2846173
Ion Ratio Lower Upper
91 100
126 34.4 16.4 49.1





#83

tert-Butylbenzene

Concen: 47.27 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN049309.D

Acq: 16 Jun 2018 14:35

Instrument :

MSVOA_N

ClientSampleId :

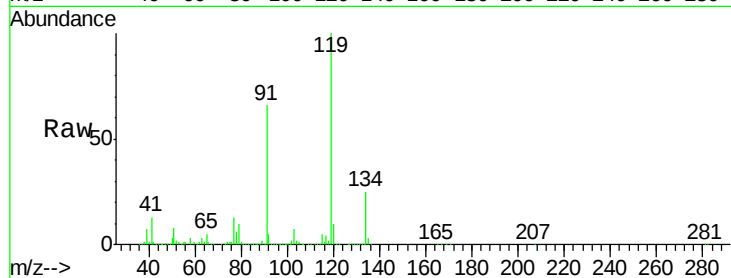
Tot Ion:119 Resp: 2922979

Ion Ratio Lower Upper

119 100

91 64.8 33.7 101.0

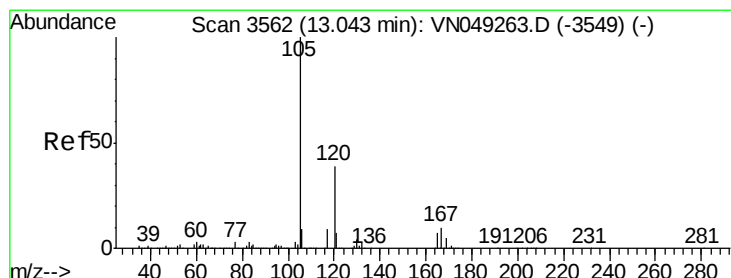
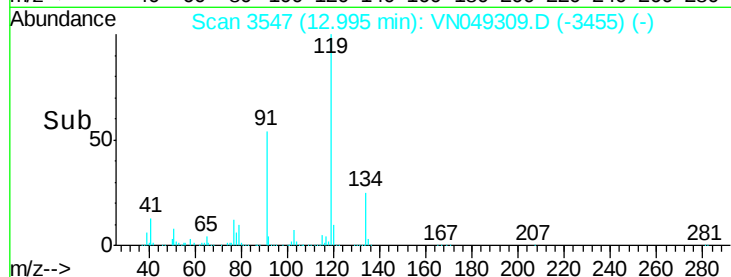
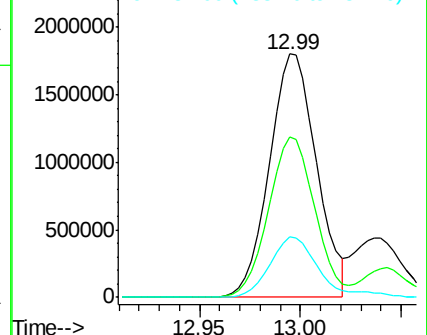
134 25.8 12.9 38.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.46 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049309.D

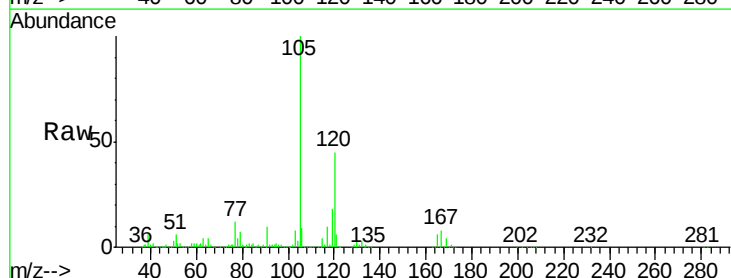
Acq: 16 Jun 2018 14:35

Tgt Ion:105 Resp: 3498931

Ion Ratio Lower Upper

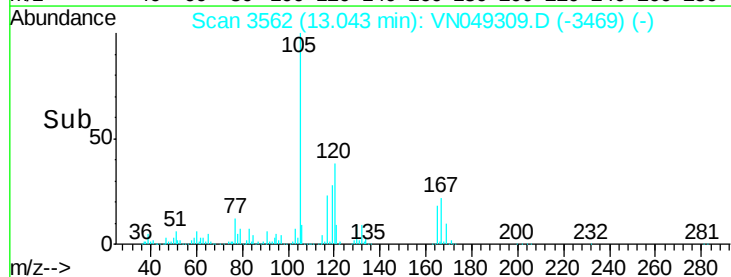
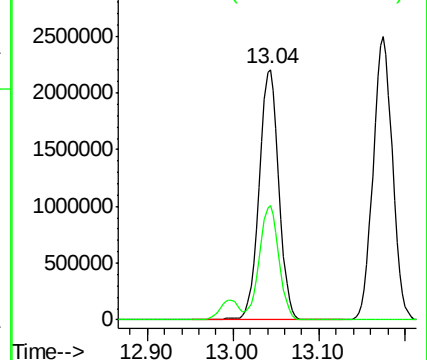
105 100

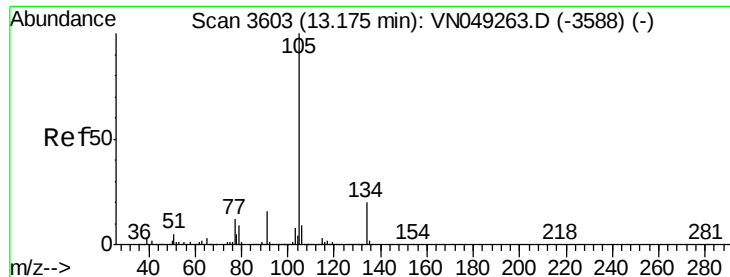
120 45.4 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 47.61 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049309.D

Acq: 16 Jun 2018 14:35

Instrument :

MSVOA_N

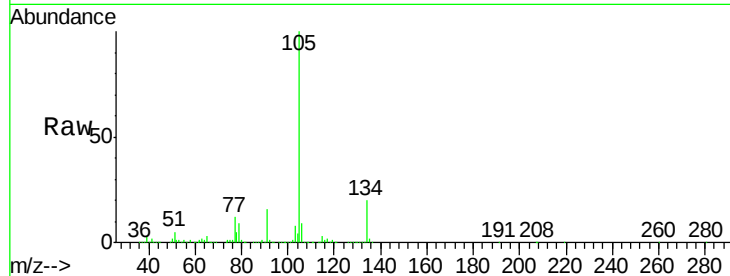
ClientSampled :

Tot Ion:105 Resp: 3918273

Ion Ratio Lower Upper

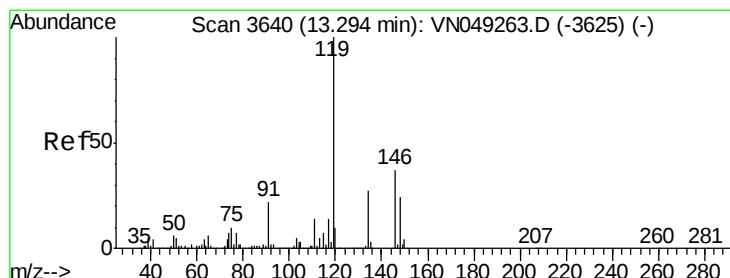
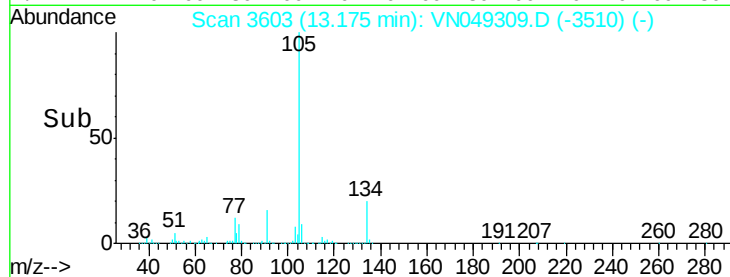
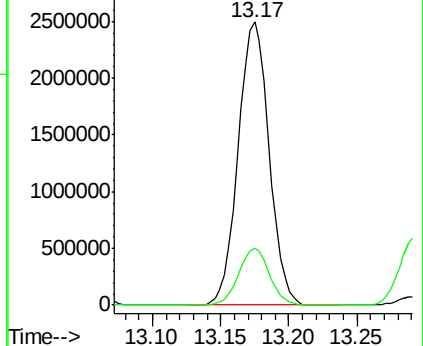
105 100

134 20.1 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.78 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN049309.D

Acq: 16 Jun 2018 14:35

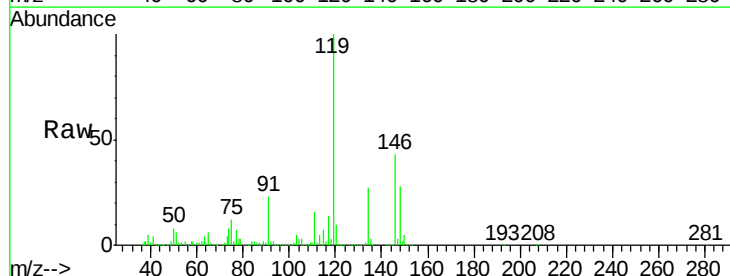
Tgt Ion:119 Resp: 3353855

Ion Ratio Lower Upper

119 100

134 26.7 12.9 38.6

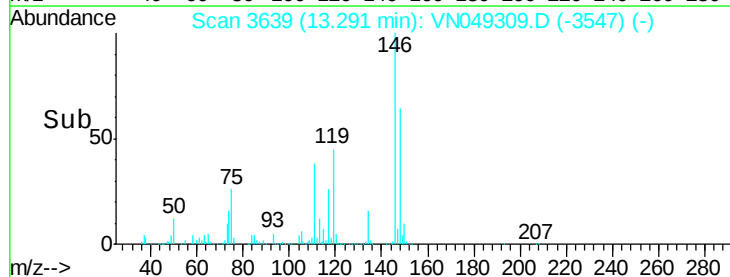
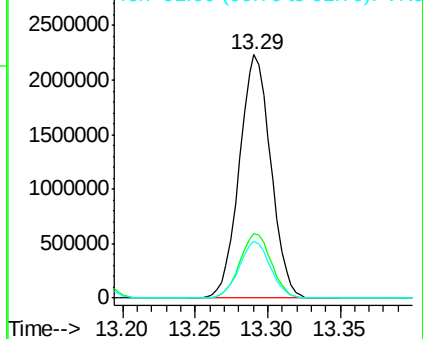
91 23.0 12.1 36.3



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: 47.07 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. 0.00 min

Lab File: VN049309.D

Acq: 16 Jun 2018 14:35

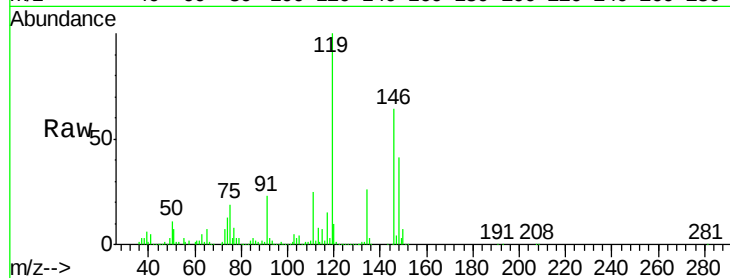
Instrument :

MSVOA_N

ClientSampled :

Tot Ion:146 Resp: 1816095

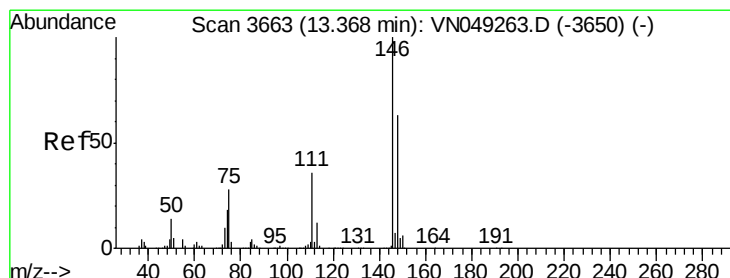
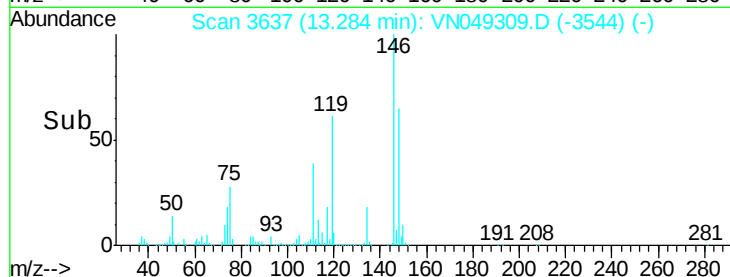
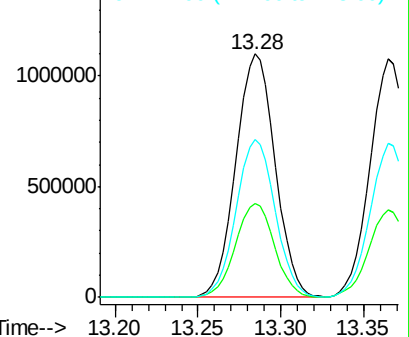
Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.9	59.6
148	64.4	32.1	96.5



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



#88

1,4-Dichlorobenzene

Concen: 46.12 ug/l

RT: 13.36 min Scan# 3662

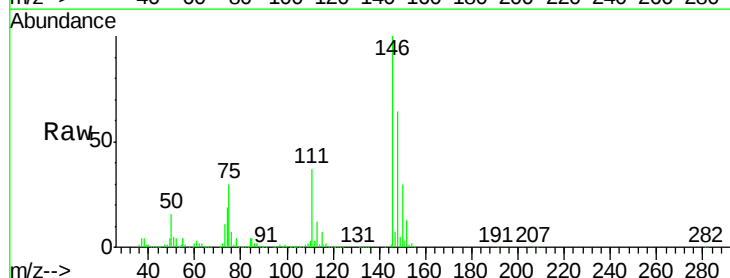
Delta R.T. -0.00 min

Lab File: VN049309.D

Acq: 16 Jun 2018 14:35

Tgt Ion:146 Resp: 1763761

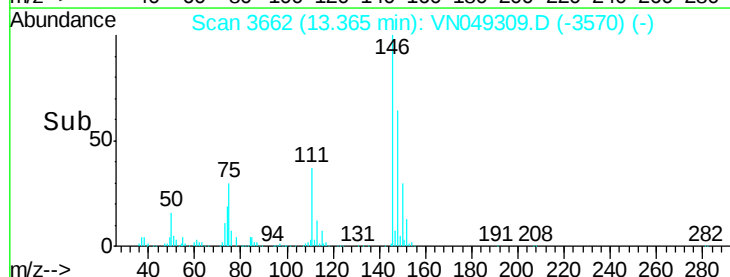
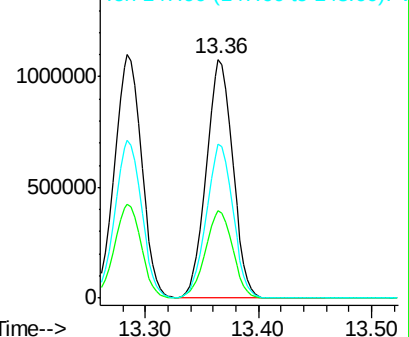
Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.1	57.1
148	64.6	32.0	96.2

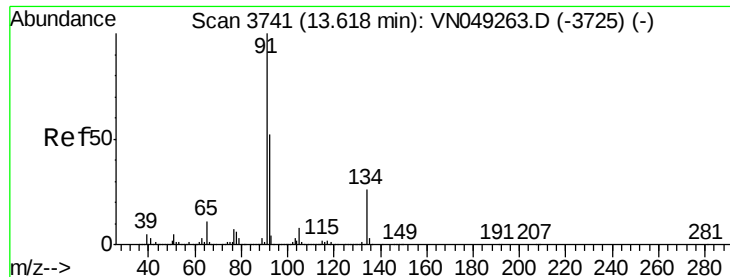


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

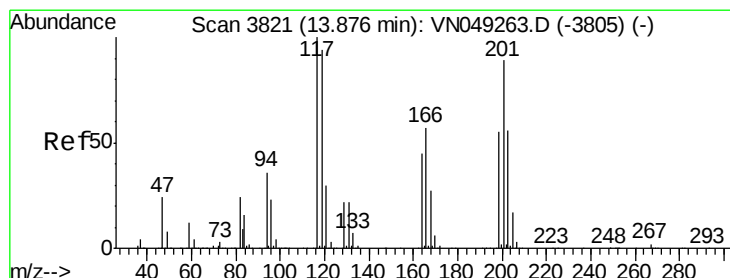
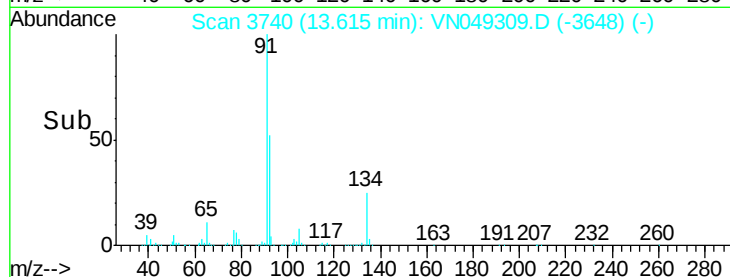
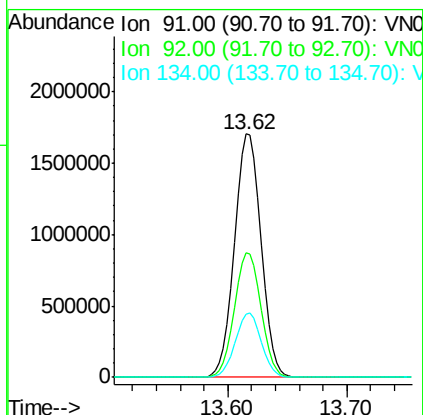
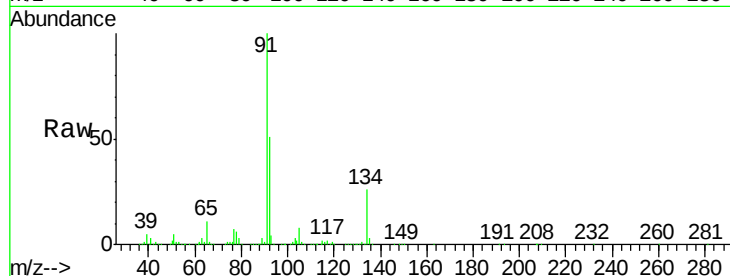




#89
n-Butylbenzene
Concen: 49.13 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN049309.D
Acq: 16 Jun 2018 14:35

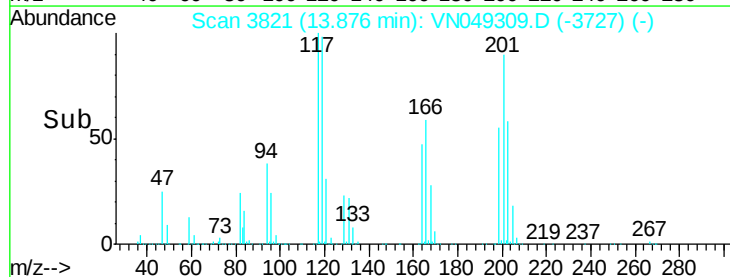
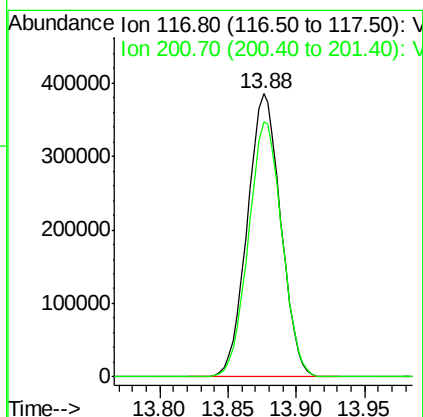
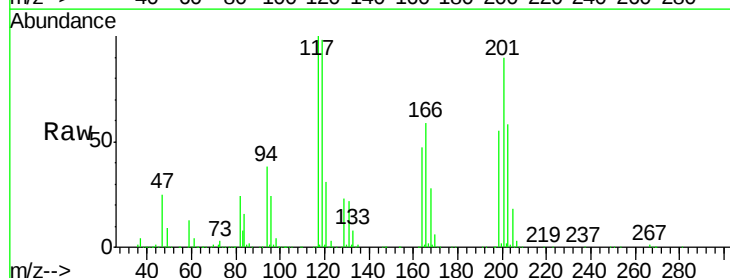
Instrument :
MSVOA_N
ClientSampled :

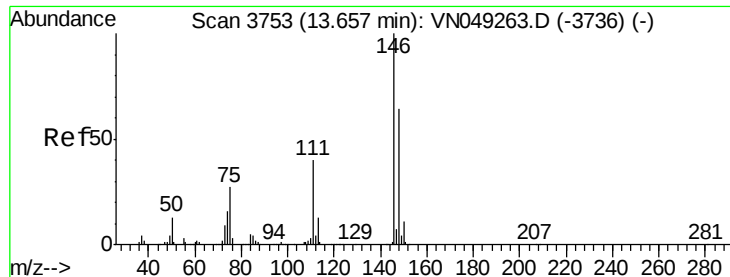
Tot Ion: 91 Resp: 2638798
Ion Ratio Lower Upper
91 100
92 51.3 25.1 75.4
134 25.9 12.0 36.0



#90
Hexachloroethane
Concen: 50.32 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049309.D
Acq: 16 Jun 2018 14:35

Tgt Ion: 117 Resp: 654601
Ion Ratio Lower Upper
117 100
201 90.6 40.1 120.2

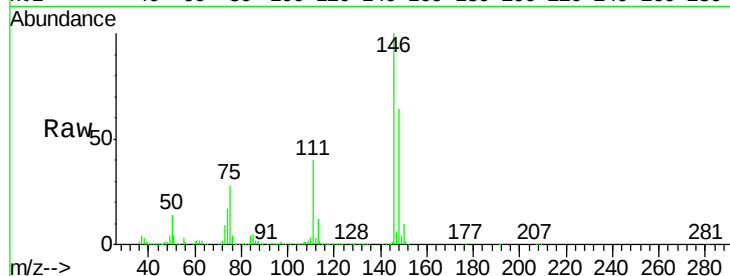




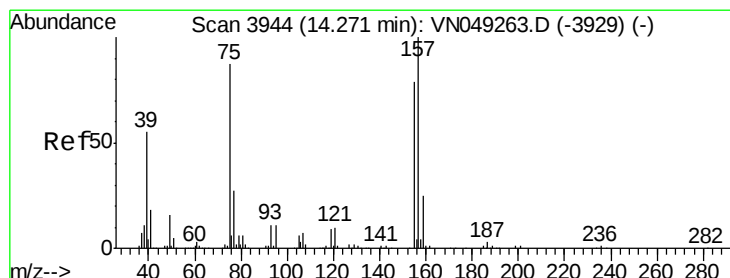
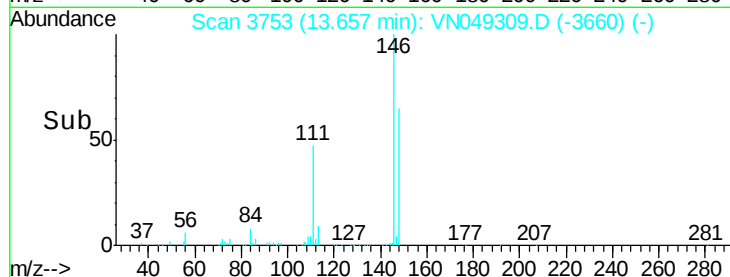
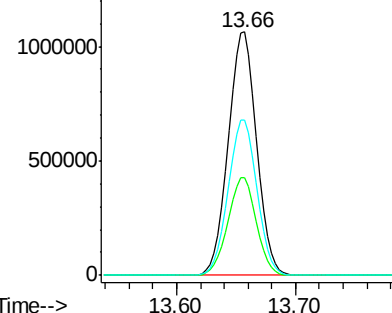
#91
 1,2-Dichlorobenzene
 Concen: 46.40 ug/l
 RT: 13.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VN049309.D
 Acq: 16 Jun 2018 14:35

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:146 Resp: 1756023
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.8 62.2
 148 64.7 32.0 96.2

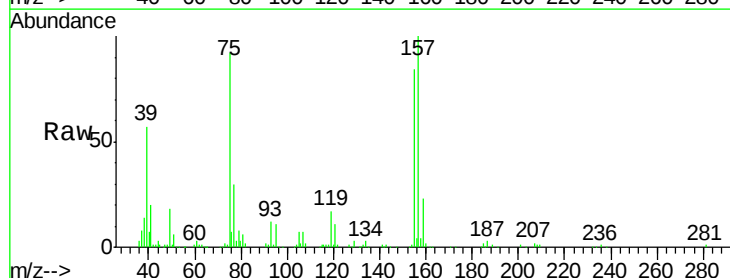


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

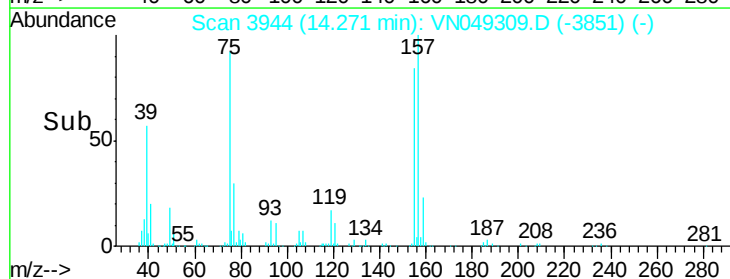
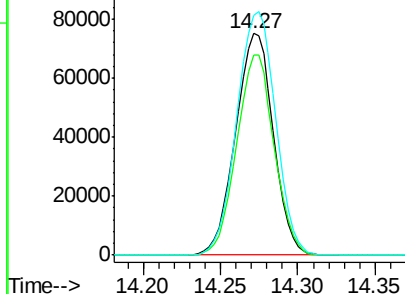


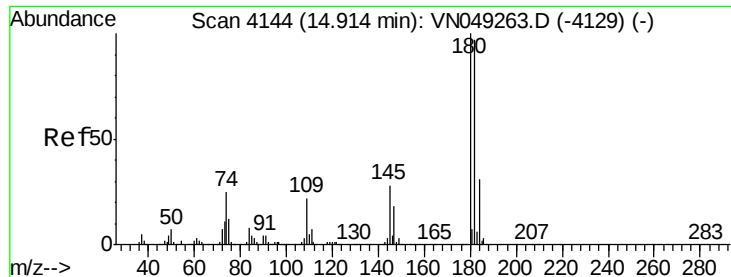
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.20 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN049309.D
 Acq: 16 Jun 2018 14:35

Tgt Ion: 75 Resp: 127362
 Ion Ratio Lower Upper
 75 100
 155 89.6 38.8 116.3
 157 113.3 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

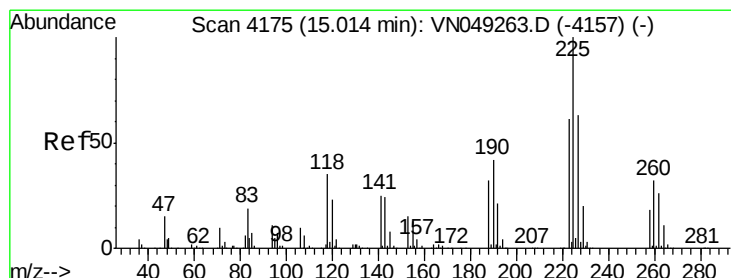
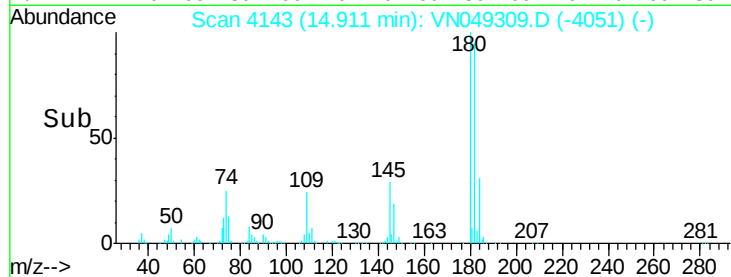
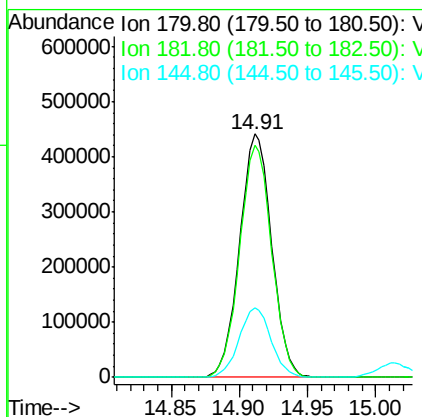
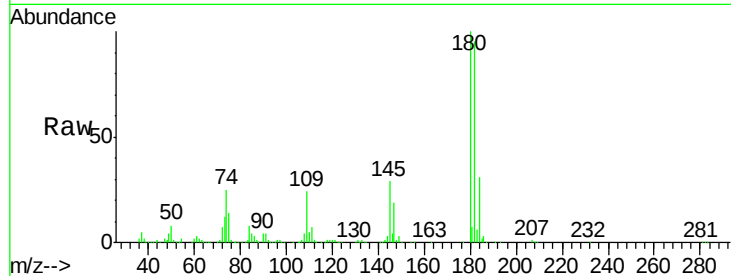




#93
 1,2,4-Trichlorobenzene
 Concen: 42.24 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049309.D
 Acq: 16 Jun 2018 14:35

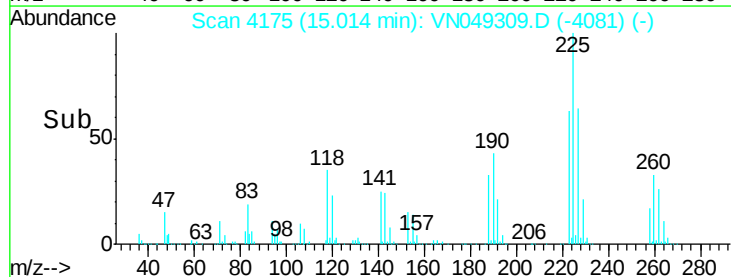
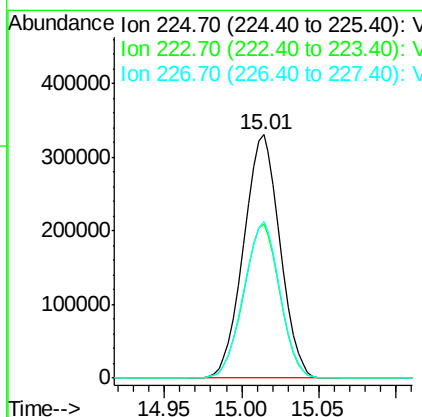
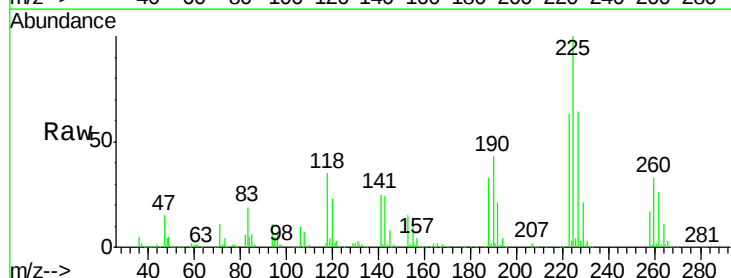
Instrument :
 MSVOA_N
 ClientSampled :

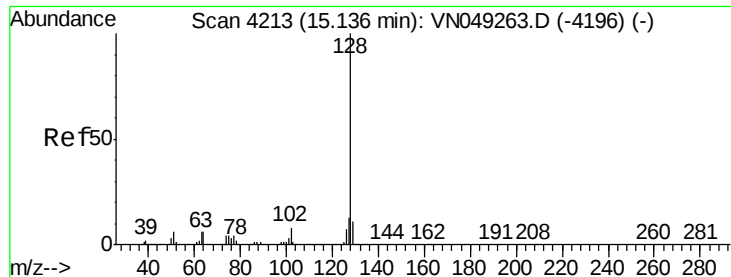
Tot Ion:180 Resp: 718472
 Ion Ratio Lower Upper
 180 100
 182 95.3 46.9 140.8
 145 28.6 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 48.78 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049309.D
 Acq: 16 Jun 2018 14:35

Tgt Ion:225 Resp: 540659
 Ion Ratio Lower Upper
 225 100
 223 62.8 32.1 96.3
 227 64.0 31.8 95.3

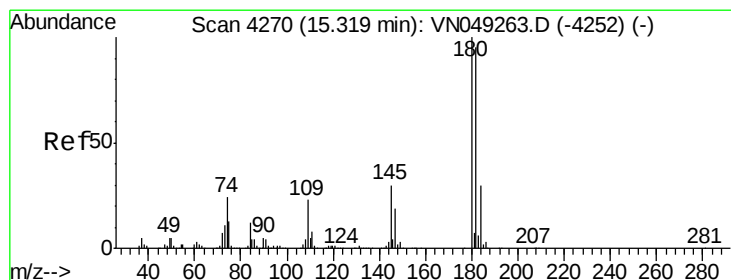
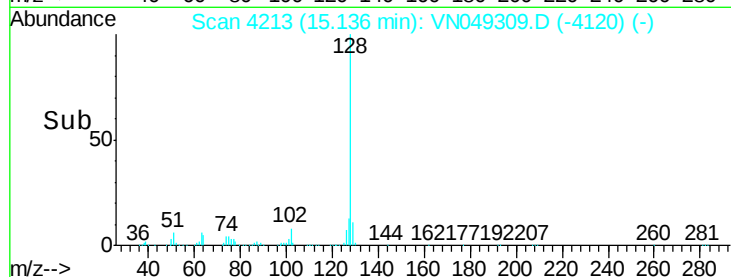
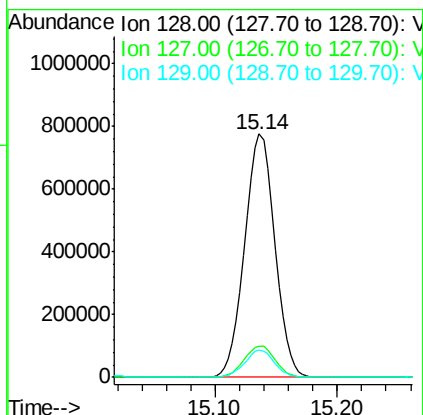
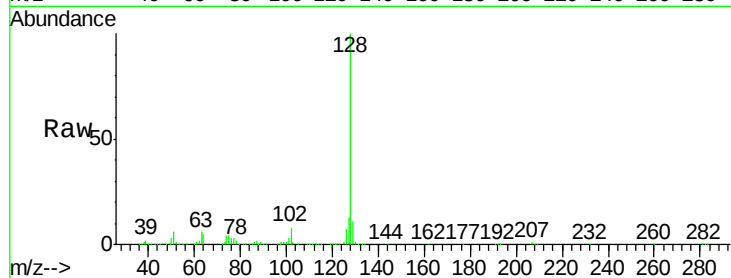




#95
Naphthalene
Concen: 43.94 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049309.D
Acq: 16 Jun 2018 14:35

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 1321832
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 11.0 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 43.17 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. -0.00 min
Lab File: VN049309.D
Acq: 16 Jun 2018 14:35

Tgt Ion:180 Resp: 723314
Ion Ratio Lower Upper
180 100
182 96.7 47.3 141.8
145 30.5 15.6 46.7

