

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
 Data File : VN049311.D
 Acq On : 16 Jun 2018 15:55
 Operator : MD\SY
 Sample : VN0616WBS03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 18 03:17:50 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	1479509	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2215666	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1988173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	938203	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	956702	48.75	ug/l	0.00
Spiked Amount			Recovery	=	97.50%	
35) Dibromofluoromethane	7.59	113	851267	47.49	ug/l	0.00
Spiked Amount			Recovery	=	94.98%	
50) Toluene-d8	10.09	98	3249217	47.60	ug/l	0.00
Spiked Amount			Recovery	=	95.20%	
62) 4-Bromofluorobenzene	12.40	95	1055958	46.79	ug/l	0.00
Spiked Amount			Recovery	=	93.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	314803	18.49	ug/l	98
3) Chloromethane	2.06	50	379219	17.25	ug/l	98
4) Vinyl Chloride	2.18	62	432313	18.50	ug/l	99
5) Bromomethane	2.57	94	150890	12.28	ug/l	98
6) Chloroethane	2.70	64	276847	19.87	ug/l	100
7) Trichlorofluoromethane	3.01	101	567999	19.48	ug/l	99
8) Diethyl Ether	3.41	74	190268	18.69	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.75	101	356374	19.27	ug/l	94
10) Methyl Iodide	3.95	142	277177	14.40	ug/l	92
11) Tert butyl alcohol	4.79	59	101979	88.54	ug/l	98
12) 1,1-Dichloroethene	3.73	96	311613	18.37	ug/l	93
13) Acrolein	3.61	56	93349	77.29	ug/l	97
14) Allyl chloride	4.32	41	505256	18.86	ug/l	90
15) Acrylonitrile	4.99	53	536613	93.18	ug/l	98
16) Acetone	3.82	43	478713	100.47	ug/l	91
17) Carbon Disulfide	4.05	76	916975	17.25	ug/l	100
18) Methyl Acetate	4.33	43	273581	18.83	ug/l	93
19) Methyl tert-butyl Ether	5.05	73	830955	19.21	ug/l	98
20) Methylene Chloride	4.54	84	374875	18.84	ug/l	91
21) trans-1,2-Dichloroethene	5.04	96	337053	18.77	ug/l	96
22) Diisopropyl ether	5.96	45	1044602	19.53	ug/l	95
23) Vinyl Acetate	5.90	43	3304822	94.78	ug/l	95
24) 1,1-Dichloroethane	5.85	63	660707	19.30	ug/l	99
25) 2-Butanone	6.84	43	603869	94.39	ug/l	96
26) 2,2-Dichloropropane	6.83	77	548500	19.84	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	382643	19.16	ug/l	92
28) Bromochloromethane	7.19	49	306258	20.18	ug/l	85
29) Tetrahydrofuran	7.22	42	384655	93.40	ug/l	95
30) Chloroform	7.37	83	660520	19.39	ug/l	100
31) Cyclohexane	7.65	56	569399	19.51	ug/l	91
32) 1,1,1-Trichloroethane	7.57	97	562770	19.36	ug/l	97
36) 1,1-Dichloropropene	7.79	75	497152	19.58	ug/l	98
37) Ethyl Acetate	6.93	43	269934	19.55	ug/l #	98
38) Carbon Tetrachloride	7.77	117	507140	19.29	ug/l	98

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	520848	19.11	ug/l	98
40) Benzene	8.04	78	1498179	19.24	ug/l	99
41) Methacrylonitrile	7.18	41	149011	19.97	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	469116	19.50	ug/l	98
43) Isopropyl Acetate	8.17	43	541965	20.55	ug/l	99
44) Trichloroethene	8.83	130	398646	19.39	ug/l	96
45) 1,2-Dichloropropane	9.12	63	392650	19.26	ug/l	99
46) Dibromomethane	9.21	93	228263	19.31	ug/l	93
47) Bromodichloromethane	9.40	83	499236	19.22	ug/l	98
48) Methyl methacrylate	9.20	41	224409	18.07	ug/l #	88
49) 1,4-Dioxane	9.20	88	60482	352.80	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	1318716	95.39	ug/l	96
52) Toluene	10.16	92	904879	19.80	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	465903	18.75	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	562157	19.16	ug/l	90
55) 1,1,2-Trichloroethane	10.56	97	322091	18.91	ug/l	96
56) Ethyl methacrylate	10.43	69	363716	18.51	ug/l #	88
57) 1,3-Dichloropropane	10.71	76	540618	19.16	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	526210	84.93	ug/l	94
59) 2-Hexanone	10.75	43	832651	93.43	ug/l	93
60) Dibromochloromethane	10.90	129	358990	18.88	ug/l	100
61) 1,2-Dibromoethane	11.01	107	301308	19.03	ug/l	100
64) Tetrachloroethene	10.63	164	436603	21.43	ug/l	98
65) Chlorobenzene	11.44	112	990624	19.34	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	370303	19.21	ug/l	99
67) Ethyl Benzene	11.51	91	1653604	19.46	ug/l	98
68) m/p-Xylenes	11.62	106	1284369	40.29	ug/l	96
69) o-Xylene	11.95	106	609760	19.86	ug/l	97
70) Styrene	11.97	104	965119	19.92	ug/l	98
71) Bromoform	12.13	173	232721	18.65	ug/l #	99
73) Isopropylbenzene	12.25	105	1643792	19.95	ug/l	97
74) N-amyl acetate	12.07	43	357636	17.73	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.51	83	356212	19.66	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	449595	28.09	ug/l #	100
77) Bromobenzene	12.53	156	402253	18.49	ug/l	92
78) n-propylbenzene	12.59	91	1842766	20.37	ug/l	98
79) 2-Chlorotoluene	12.68	91	1126945	19.66	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	1333152	20.59	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	89431	17.66	ug/l	95
82) 4-Chlorotoluene	12.77	91	1117255	20.21	ug/l	98
83) tert-Butylbenzene	12.99	119	1131070	19.72	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1336447	20.78	ug/l	99
85) sec-Butylbenzene	13.17	105	1521313	19.93	ug/l	99
86) p-Isopropyltoluene	13.29	119	1281063	20.08	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	684632	19.13	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	657031	18.52	ug/l	99
89) n-Butylbenzene	13.62	91	919187	18.45	ug/l	98
90) Hexachloroethane	13.88	117	251519	19.81	ug/l	89
91) 1,2-Dichlorobenzene	13.65	146	669169	19.06	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	48551	16.93	ug/l	86

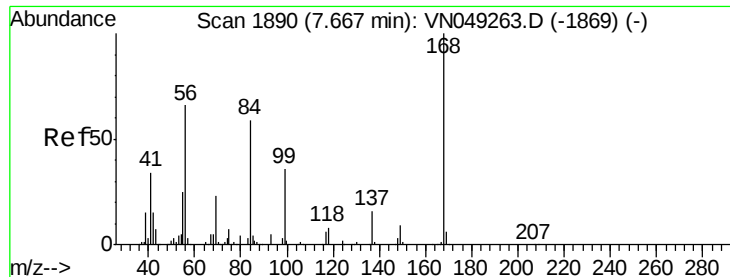
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061618\
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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	213248	16.74	ug/l	99
94) Hexachlorobutadiene	15.01	225	212037	18.96	ug/l	98
95) Naphthalene	15.14	128	397585	16.73	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	233498	17.28	ug/l	99

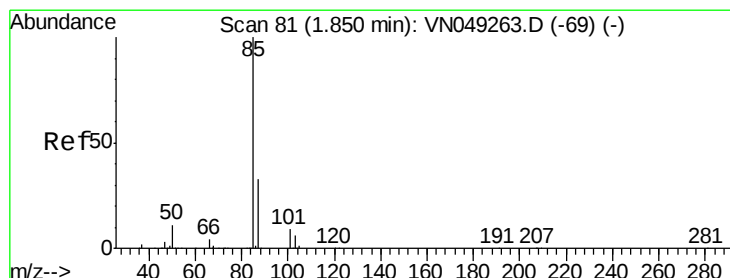
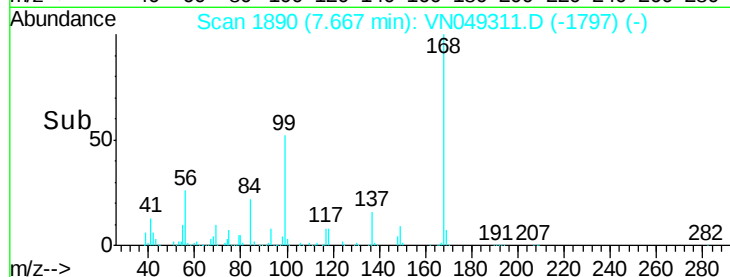
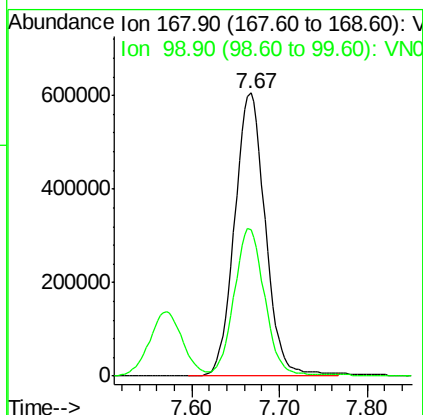
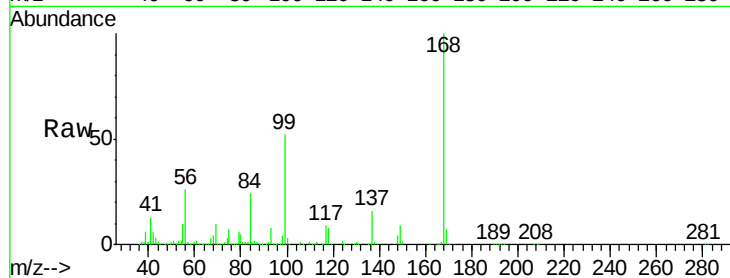
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.00 min
Lab File: VN049311.D
Acq: 16 Jun 2018 15:55

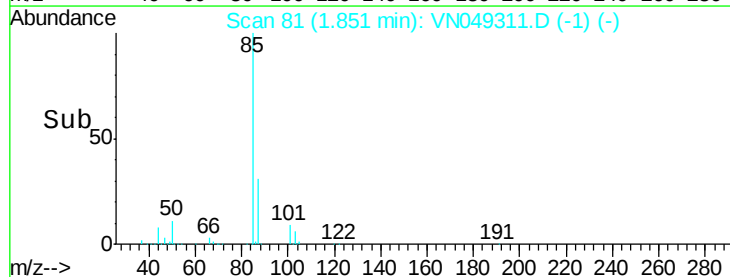
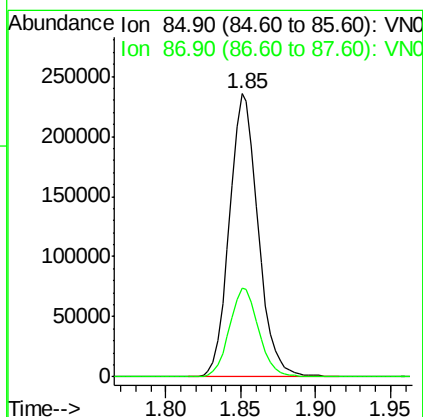
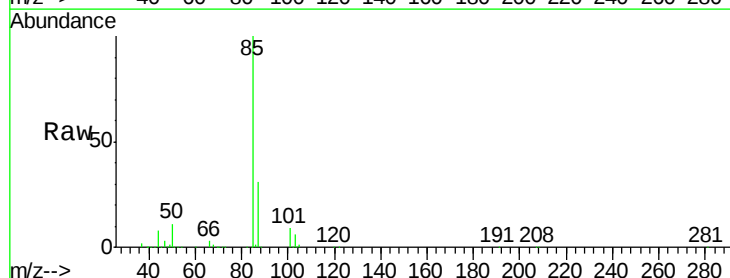
Instrument :
MSVOA_N
ClientSampleId :

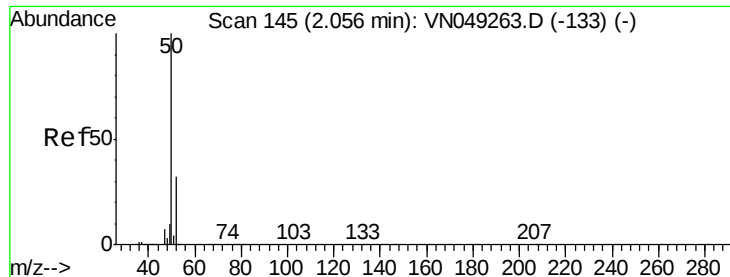
Tot Ion:168 Resp: 1479509
Ion Ratio Lower Upper
168 100
99 51.1 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 18.49 ug/l
RT: 1.85 min Scan# 81
Delta R.T. 0.00 min
Lab File: VN049311.D
Acq: 16 Jun 2018 15:55

Tgt Ion: 85 Resp: 314803
Ion Ratio Lower Upper
85 100
87 31.3 16.2 48.5

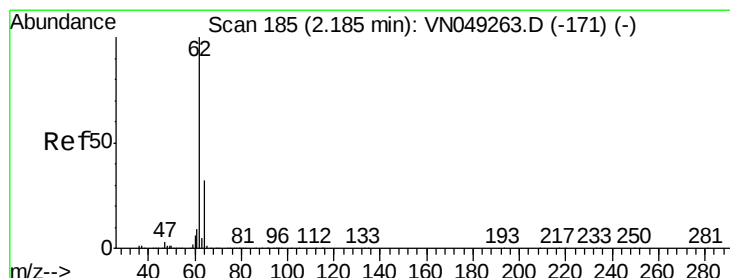
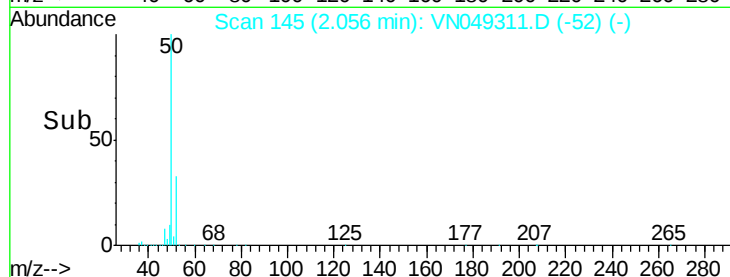
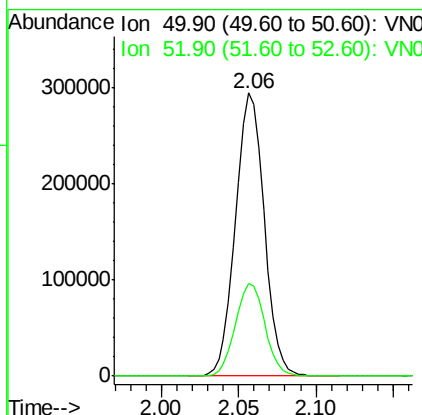
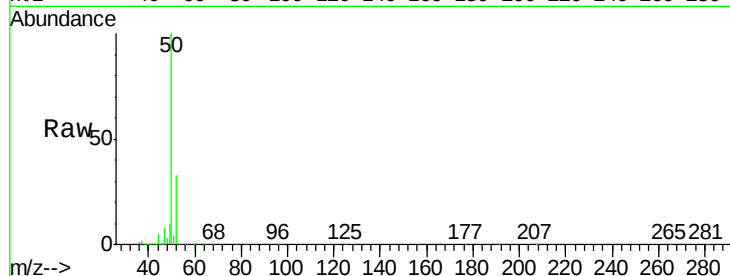




#3
Chloromethane
Concen: 17.25 ug/l
RT: 2.06 min Scan# 145
Delta R.T. 0.00 min
Lab File: VN049311.D
Acq: 16 Jun 2018 15:55

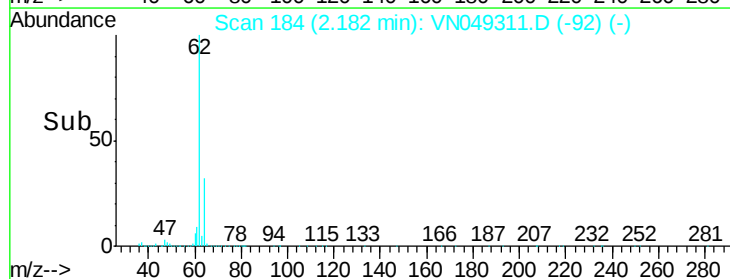
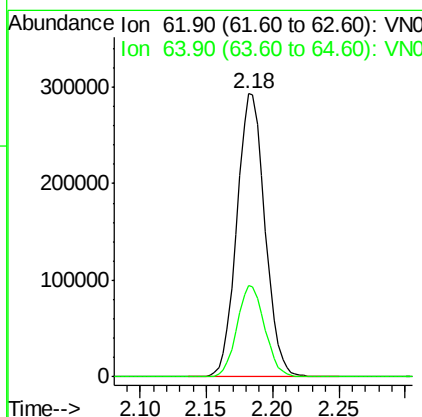
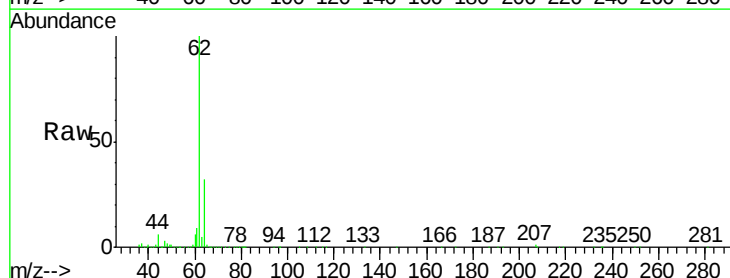
Instrument :
MSVOA_N
ClientSampleId :

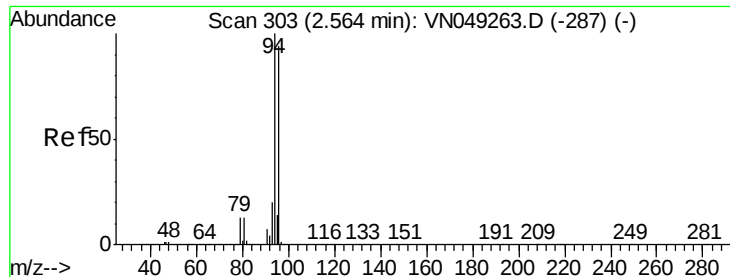
Tot Ion: 50 Resp: 379219
Ion Ratio Lower Upper
50 100
52 32.7 25.2 37.8



#4
Vinyl Chloride
Concen: 18.50 ug/l
RT: 2.18 min Scan# 184
Delta R.T. -0.00 min
Lab File: VN049311.D
Acq: 16 Jun 2018 15:55

Tgt Ion: 62 Resp: 432313
Ion Ratio Lower Upper
62 100
64 32.5 25.7 38.5





#5

Bromomethane

Concen: 12.28 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.00 min

Lab File: VN049311.D

Acq: 16 Jun 2018 15:55

Instrument :

MSVOA_N

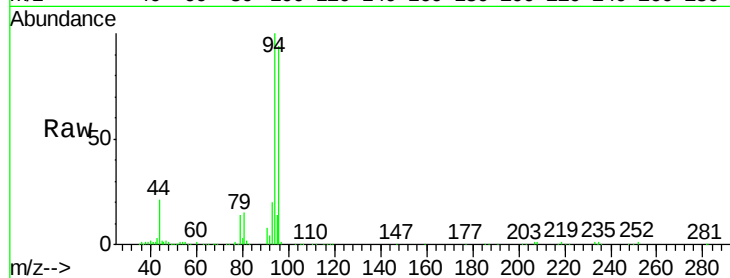
ClientSampled :

Tot Ion: 94 Resp: 150890

Ion Ratio Lower Upper

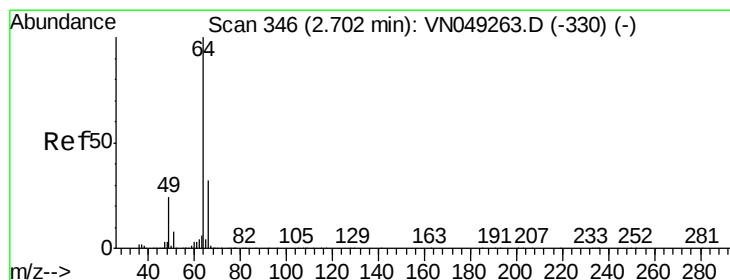
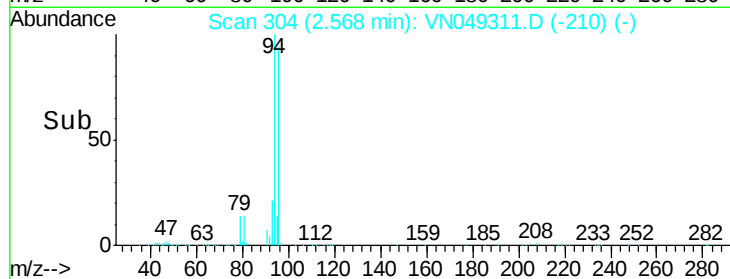
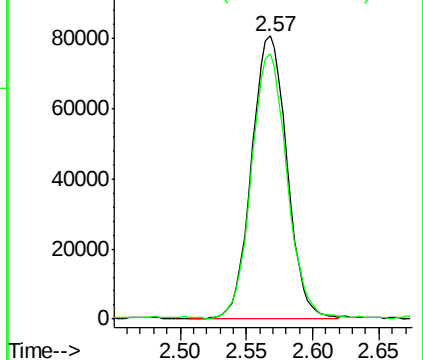
94 100

96 93.1 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.87 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049311.D

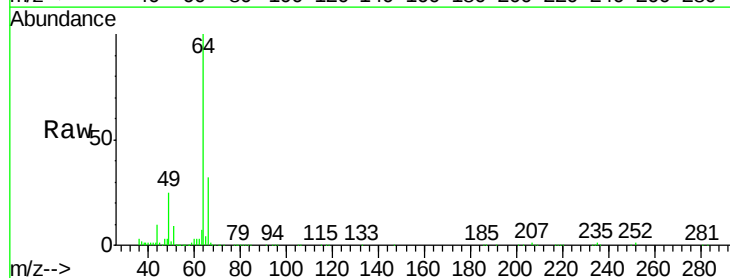
Acq: 16 Jun 2018 15:55

Tgt Ion: 64 Resp: 276847

Ion Ratio Lower Upper

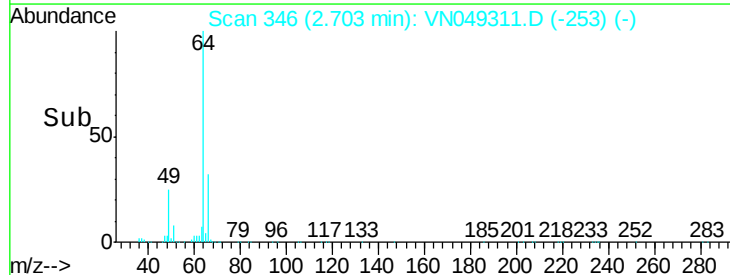
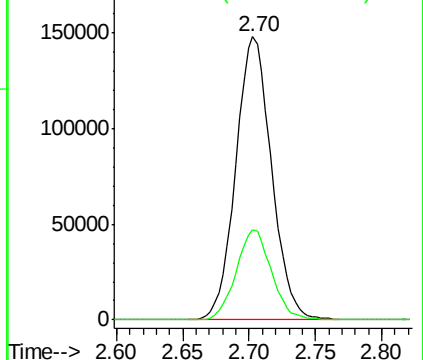
64 100

66 31.8 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



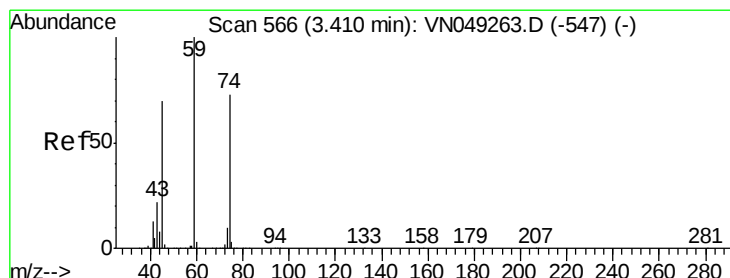
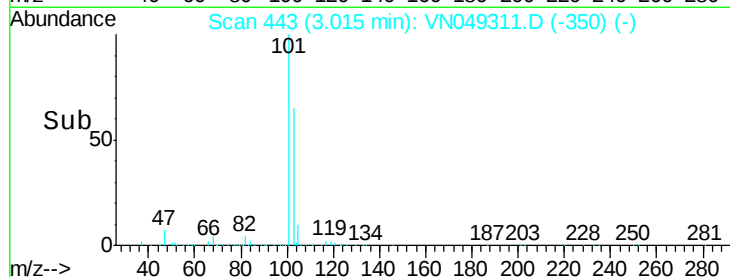
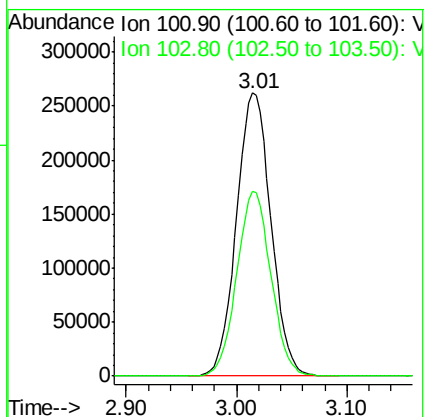
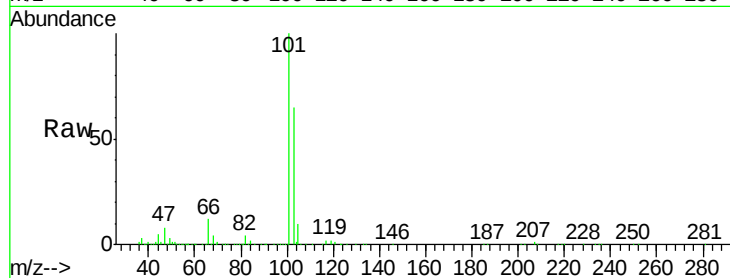


#7

Trichlorofluoromethane
Concen: 19.48 ug/l
RT: 3.01 min Scan# 443
Delta R.T. 0.00 min
Lab File: VN049311.D
Acq: 16 Jun 2018 15:55

Instrument :
MSVOA_N
ClientSampleId :

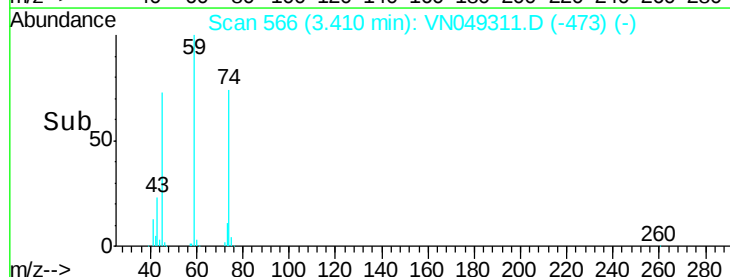
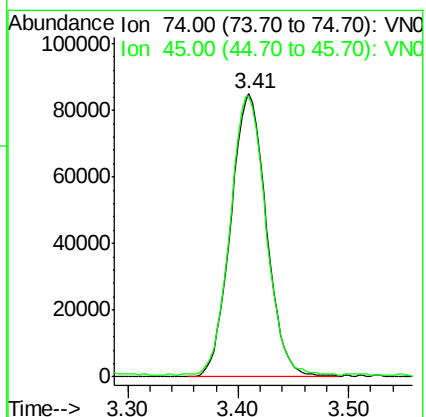
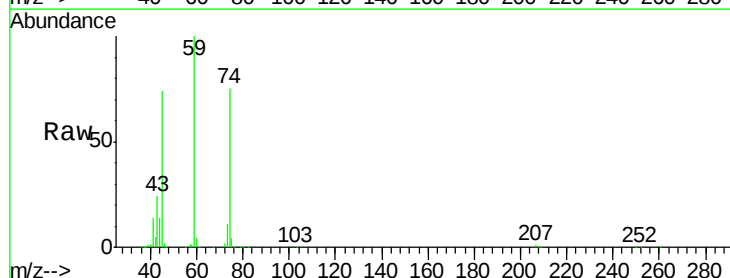
Tot Ion:101 Resp: 567999
Ion Ratio Lower Upper
101 100
103 65.2 51.7 77.5



#8

Diethyl Ether
Concen: 18.69 ug/l
RT: 3.41 min Scan# 566
Delta R.T. 0.00 min
Lab File: VN049311.D
Acq: 16 Jun 2018 15:55

Tgt Ion: 74 Resp: 190268
Ion Ratio Lower Upper
74 100
45 98.7 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.27 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN049311.D

Acq: 16 Jun 2018 15:55

Instrument :

MSVOA_N

ClientSampled :

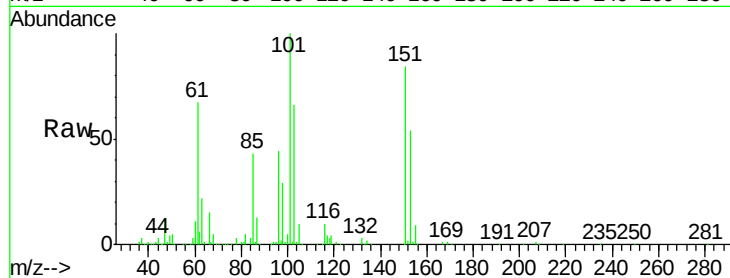
Tot Ion:101 Resp: 356374

Ion Ratio Lower Upper

101 100

85 43.3 37.6 56.4

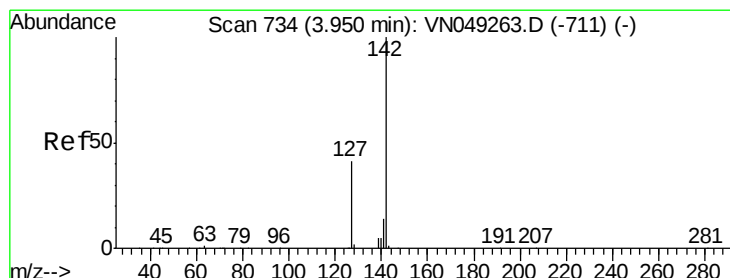
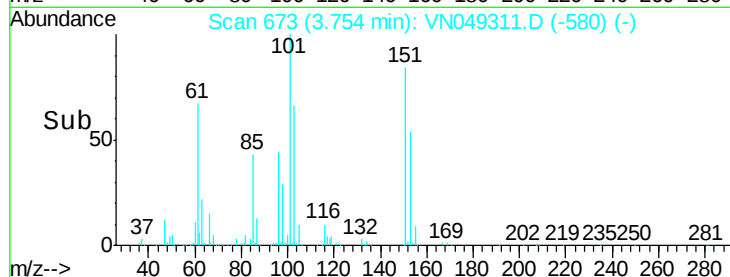
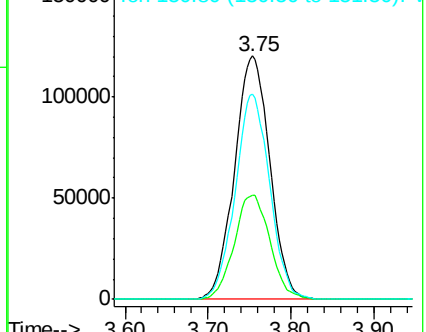
151 82.3 61.1 91.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 14.40 ug/l

RT: 3.95 min Scan# 733

Delta R.T. -0.00 min

Lab File: VN049311.D

Acq: 16 Jun 2018 15:55

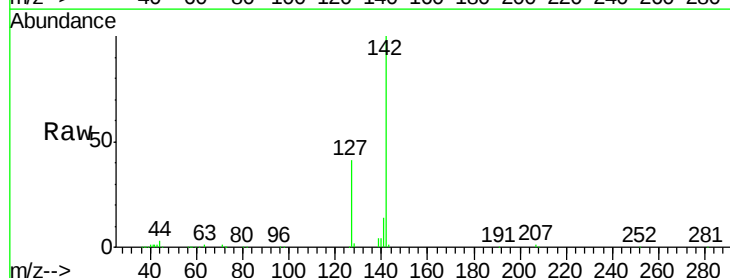
Tgt Ion:142 Resp: 277177

Ion Ratio Lower Upper

142 100

127 41.5 38.2 57.4

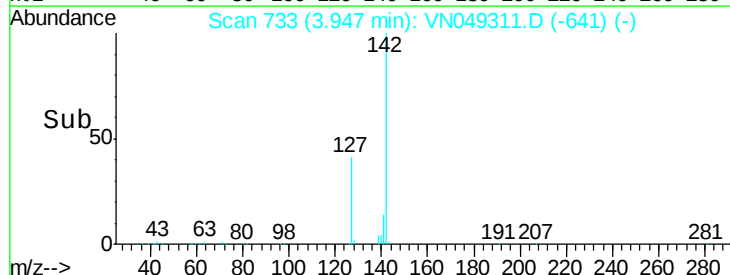
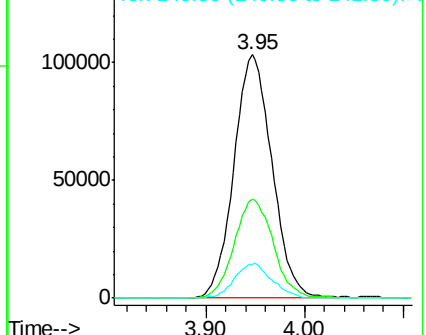
141 14.0 11.9 17.9

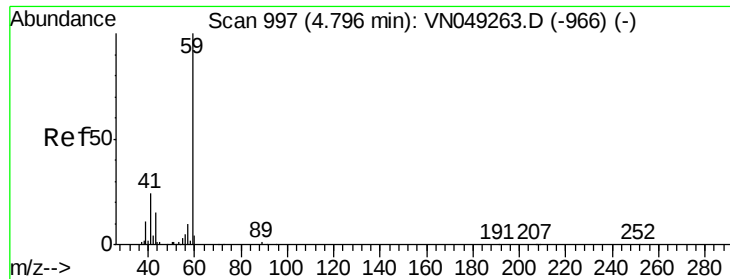


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

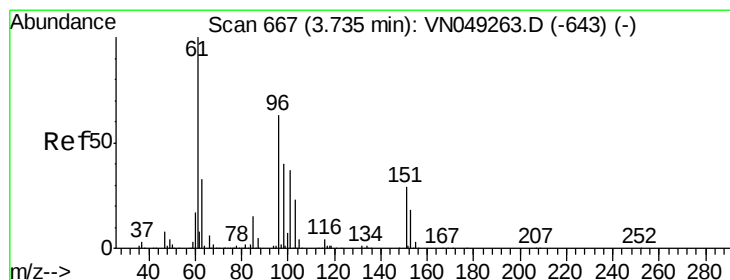
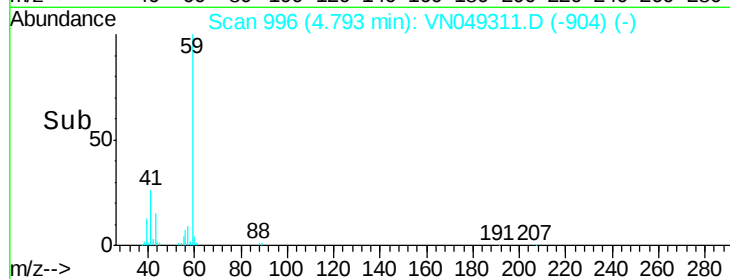
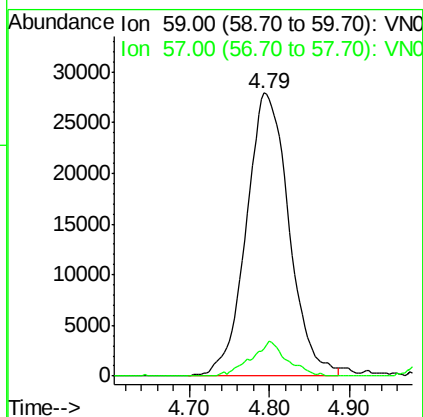
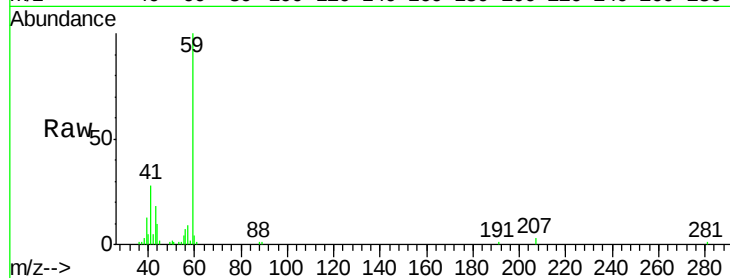




#11
Tert butyl alcohol
Concen: 88.54 ug/l
RT: 4.79 min Scan# 996
Delta R.T. -0.00 min
Lab File: VN049311.D
Acq: 16 Jun 2018 15:55

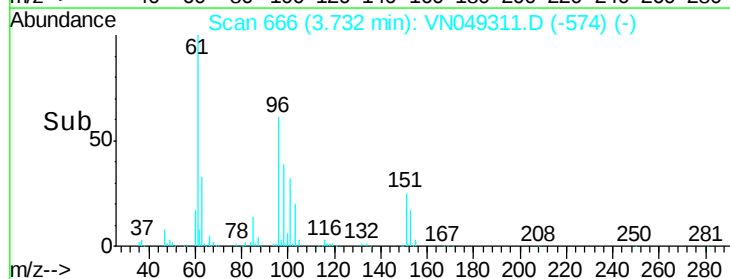
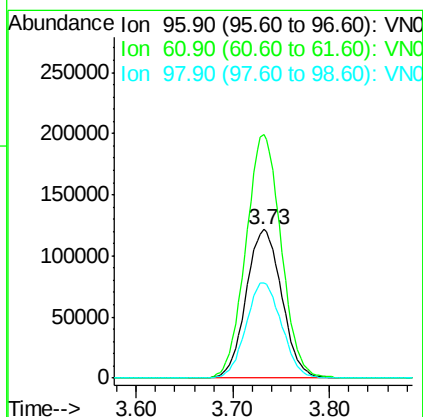
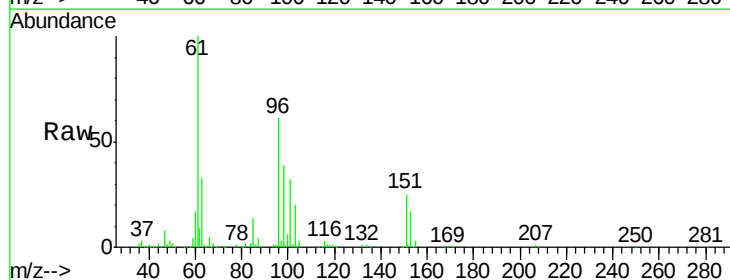
Instrument :
MSVOA_N
ClientSampleId :

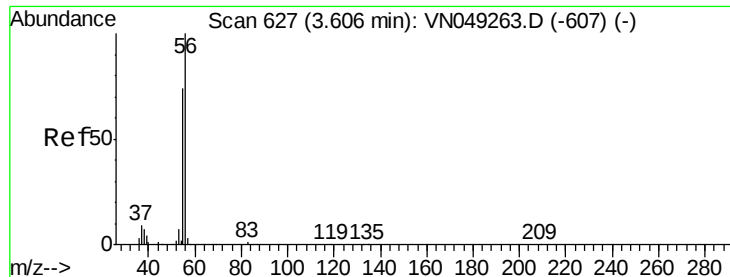
Tot Ion: 59 Resp: 101979
Ion Ratio Lower Upper
59 100
57 10.4 9.0 13.6



#12
1,1-Dichloroethene
Concen: 18.37 ug/l
RT: 3.73 min Scan# 666
Delta R.T. -0.00 min
Lab File: VN049311.D
Acq: 16 Jun 2018 15:55

Tgt Ion: 96 Resp: 311613
Ion Ratio Lower Upper
96 100
61 164.2 141.0 211.4
98 64.6 50.4 75.6





#13

Acrolein

Concen: 77.29 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN049311.D

Acq: 16 Jun 2018 15:55

Instrument :

MSVOA_N

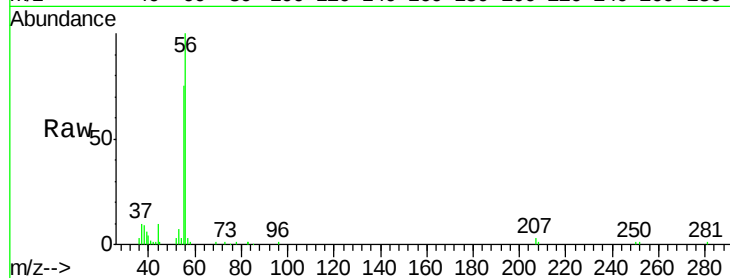
ClientSampleId :

Tot Ion: 56 Resp: 93349

Ion Ratio Lower Upper

56 100

55 73.6 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

40000

30000

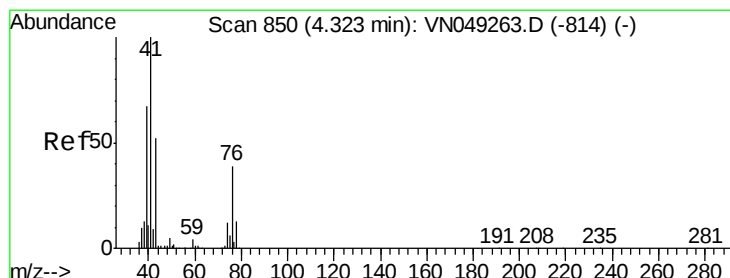
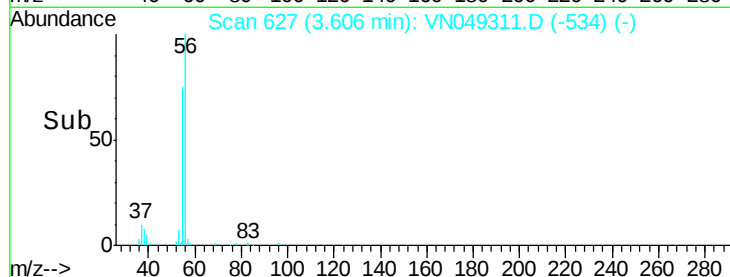
20000

10000

0

Time-->

3.50 3.60 3.70



#14

Allyl chloride

Concen: 18.86 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN049311.D

Acq: 16 Jun 2018 15:55

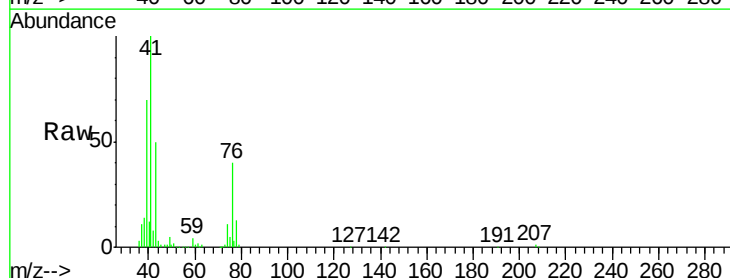
Tgt Ion: 41 Resp: 505256

Ion Ratio Lower Upper

41 100

39 67.5 62.5 93.7

76 36.9 27.1 40.7



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.32

200000

150000

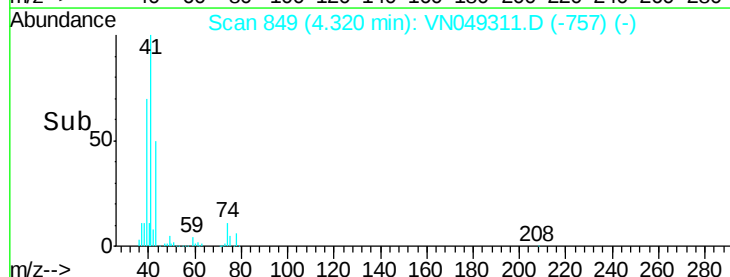
100000

50000

0

Time-->

4.20 4.30 4.40

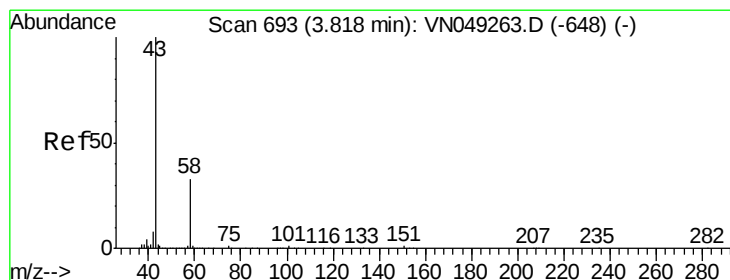
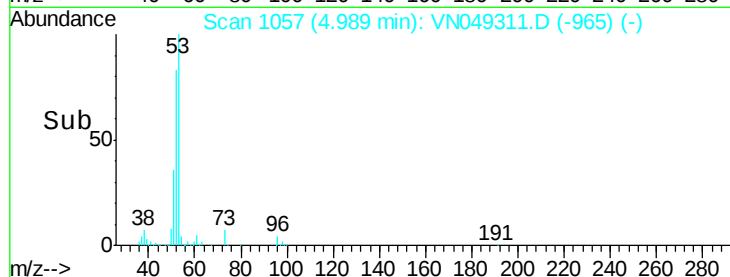
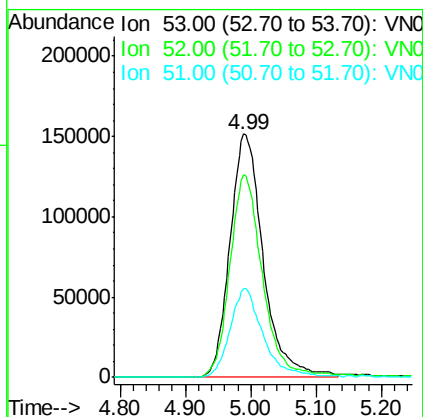
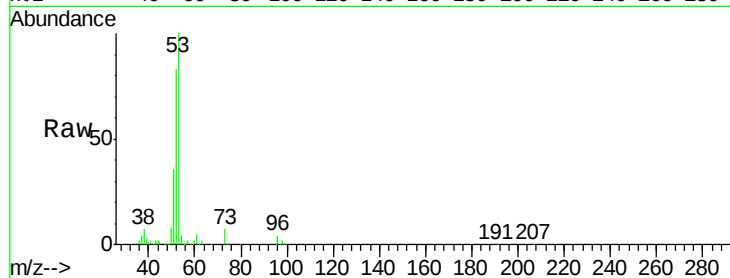




#15
 Acrylonitrile
 Concen: 93.18 ug/l
 RT: 4.99 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: VN049311.D
 Acq: 16 Jun 2018 15:55

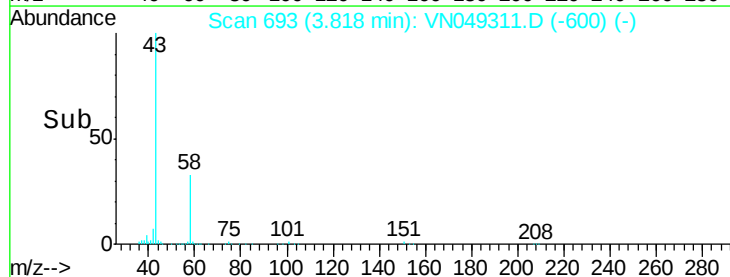
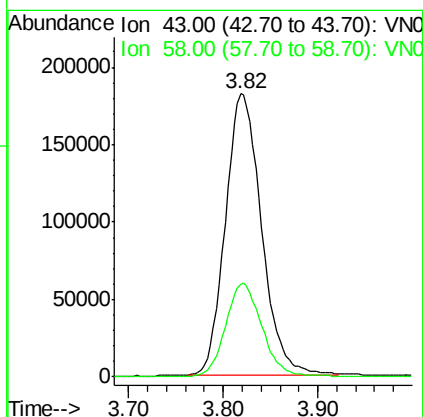
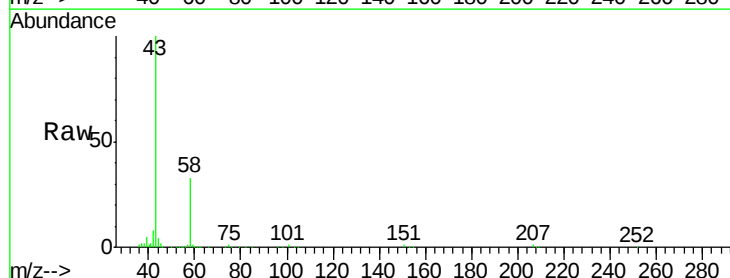
Instrument :
 MSVOA_N
 ClientSampled :

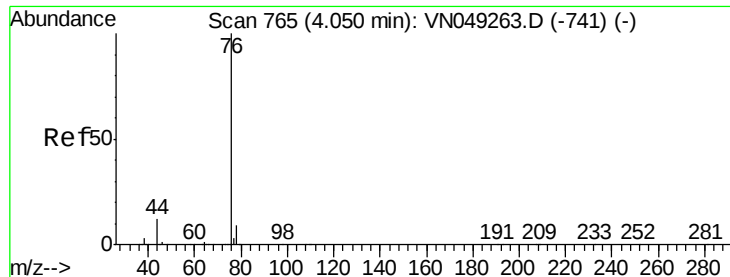
Tot Ion	53	Resp	536613
Ion Ratio	Lower	Upper	
53	100		
52	80.9	66.6	100.0
51	36.3	29.8	44.8



#16
 Acetone
 Concen: 100.47 ug/l
 RT: 3.82 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: VN049311.D
 Acq: 16 Jun 2018 15:55

Tgt Ion	43	Resp	478713
Ion Ratio	Lower	Upper	
43	100		
58	32.8	22.4	33.6

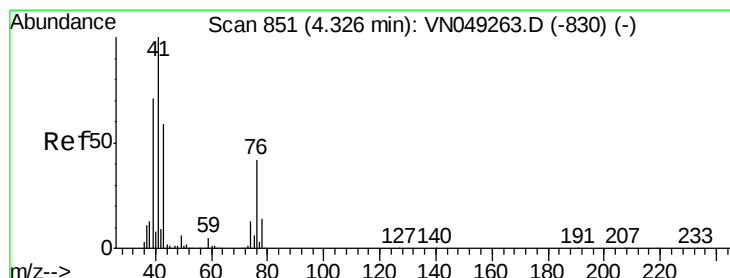
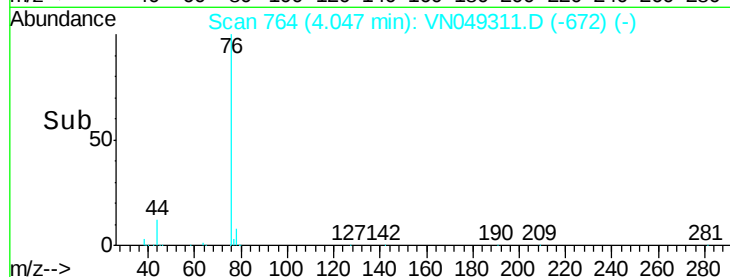
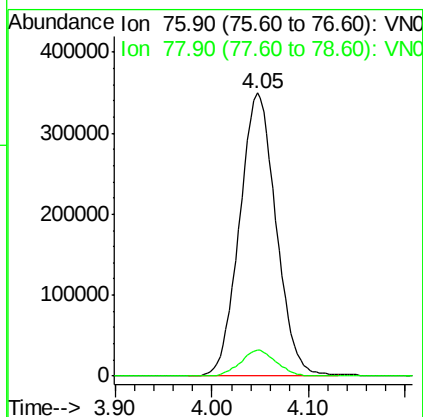
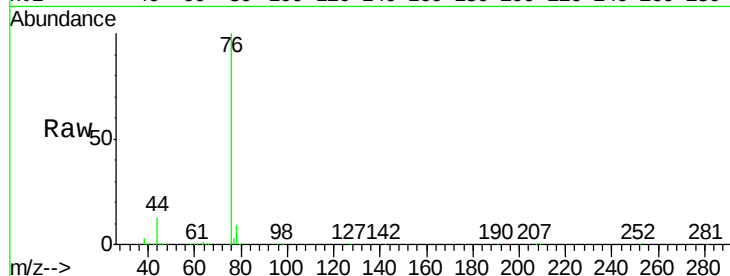




#17
Carbon Disulfide
Concen: 17.25 ug/l
RT: 4.05 min Scan# 764
Delta R.T. -0.00 min
Lab File: VN049311.D
Acq: 16 Jun 2018 15:55

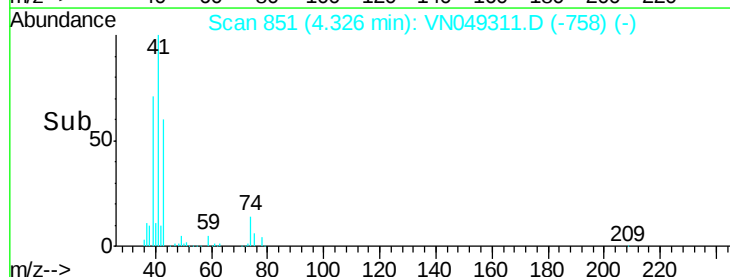
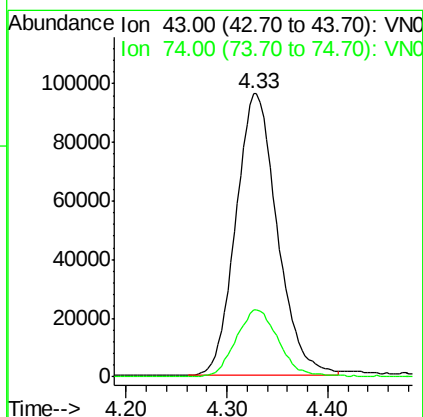
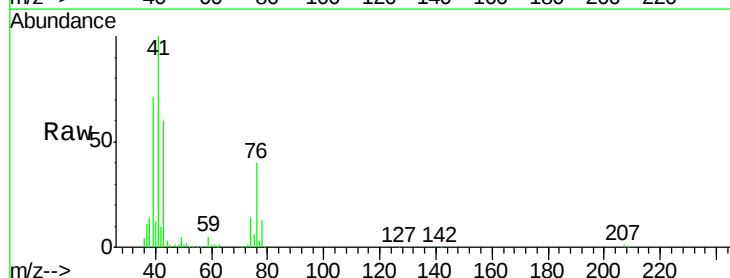
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 76 Resp: 916975
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 18.83 ug/l
RT: 4.33 min Scan# 851
Delta R.T. 0.00 min
Lab File: VN049311.D
Acq: 16 Jun 2018 15:55

Tgt Ion: 43 Resp: 273581
Ion Ratio Lower Upper
43 100
74 24.8 17.4 26.0



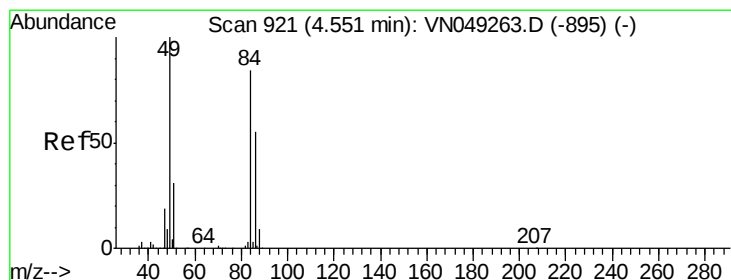
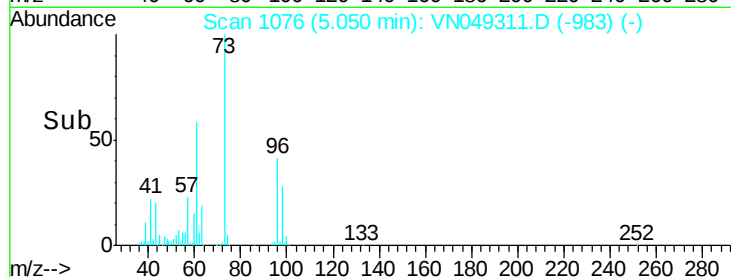
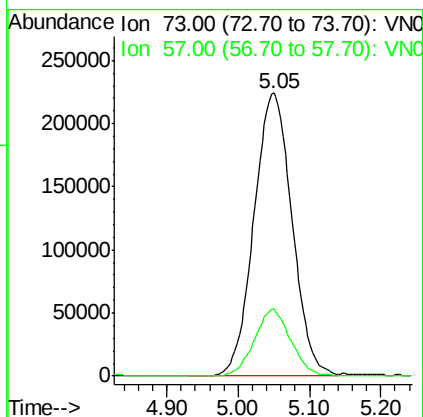
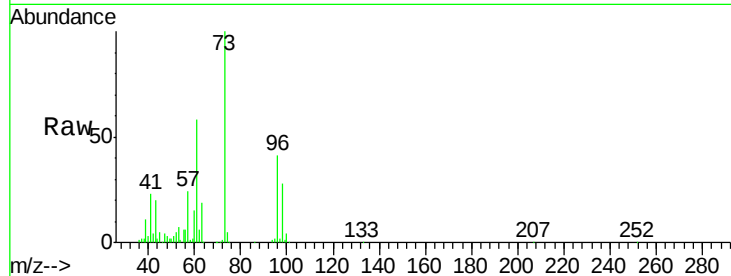


#19

Methvl tert-butvl Ether
 Concen: 19.21 ug/l
 RT: 5.05 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: VN049311.D
 Acq: 16 Jun 2018 15:55

Instrument :
 MSVOA_N
 ClientSampled :

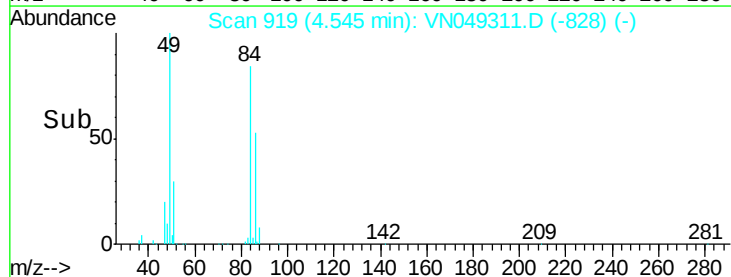
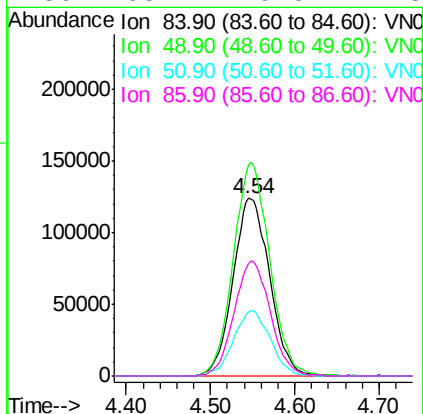
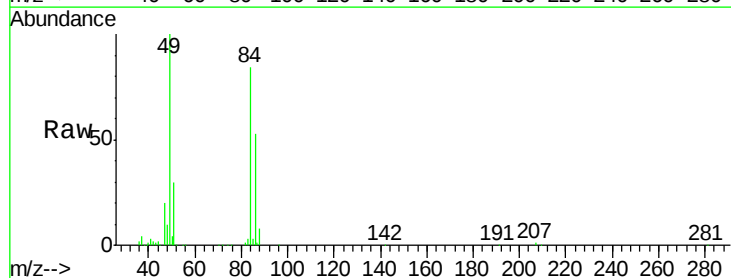
Tot Ion: 73 Resp: 830955
 Ion Ratio Lower Upper
 73 100
 57 23.6 18.2 27.4



#20

Methylene Chloride
 Concen: 18.84 ug/l
 RT: 4.54 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VN049311.D
 Acq: 16 Jun 2018 15:55

Tgt Ion: 84 Resp: 374875
 Ion Ratio Lower Upper
 84 100
 49 118.7 106.9 160.3
 51 36.1 32.7 49.1
 86 63.4 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 18.77 ug/l

RT: 5.04 min Scan# 1072

Delta R.T. -0.01 min

Lab File: VN049311.D

Acq: 16 Jun 2018 15:55

Instrument :

MSVOA_N

ClientSampleId :

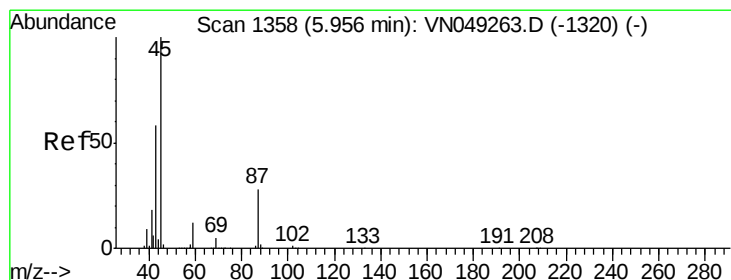
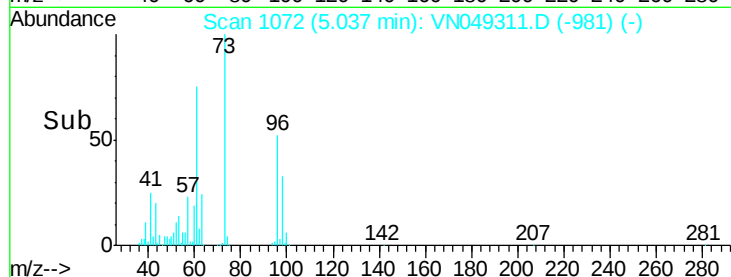
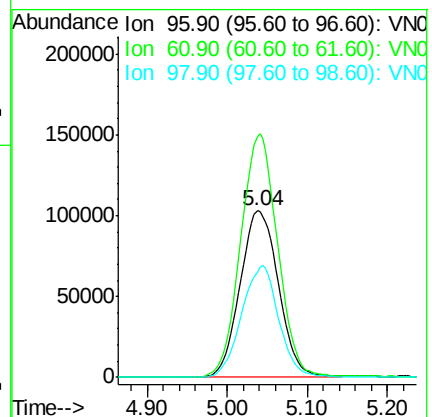
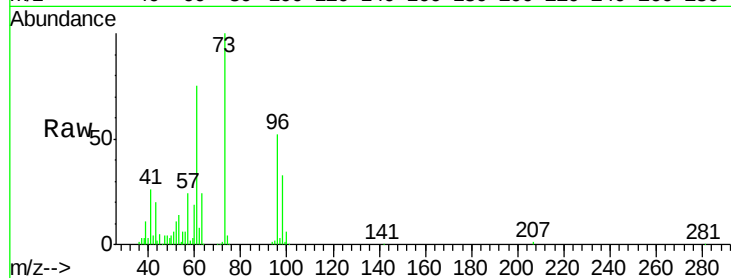
Tot Ion: 96 Resp: 337053

Ion Ratio Lower Upper

96 100

61 144.8 121.3 181.9

98 63.5 52.0 78.0



#22

Diisopropyl ether

Concen: 19.53 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VN049311.D

Acq: 16 Jun 2018 15:55

Tgt Ion: 45 Resp: 1044602

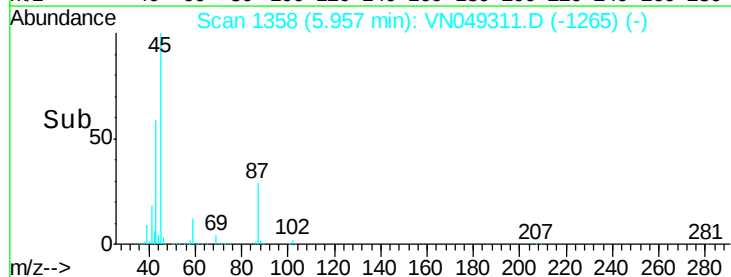
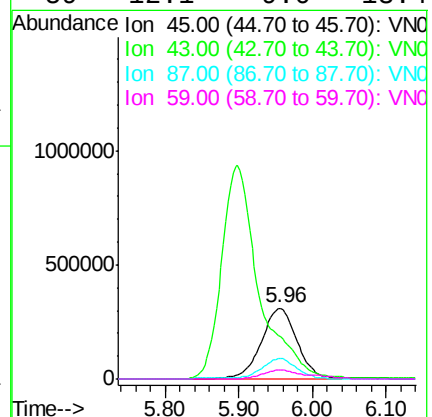
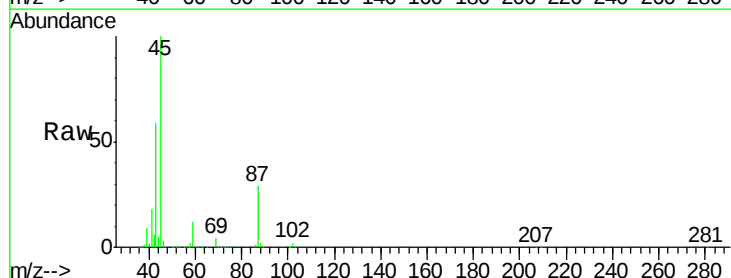
Ion Ratio Lower Upper

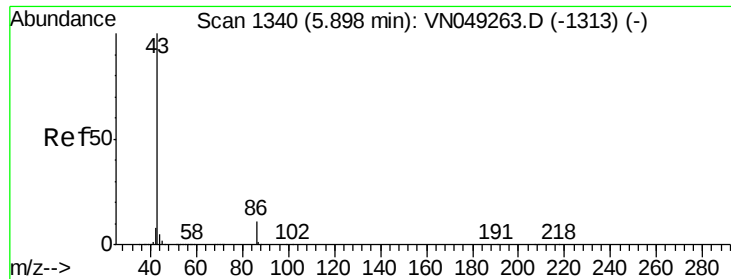
45 100

43 57.2 48.6 72.8

87 28.3 20.2 30.2

59 12.1 9.0 13.4





#23

Vinyl Acetate

Concen: 94.78 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VN049311.D

Acq: 16 Jun 2018 15:55

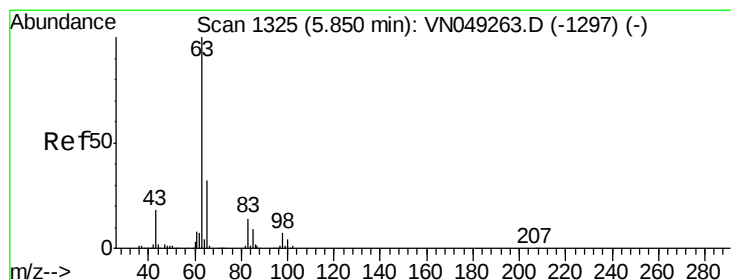
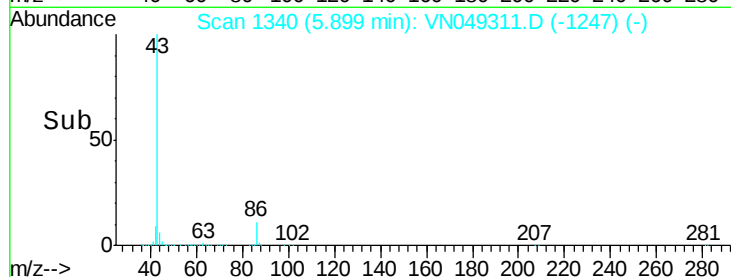
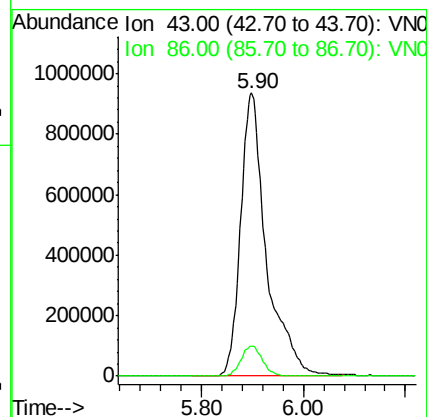
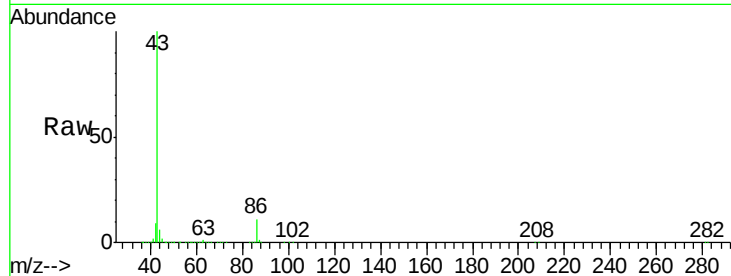
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 3304822

Ion Ratio Lower Upper

43 100

86 10.8 7.2 10.8



#24

1,1-Dichloroethane

Concen: 19.30 ug/l

RT: 5.85 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VN049311.D

Acq: 16 Jun 2018 15:55

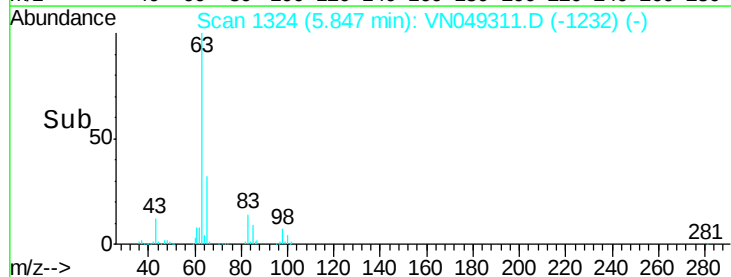
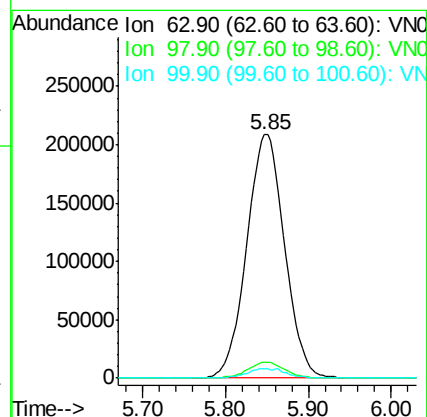
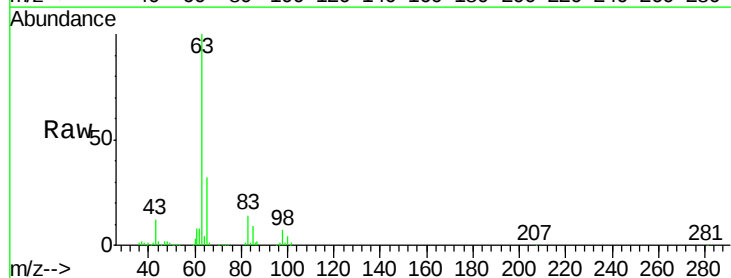
Tgt Ion: 63 Resp: 660707

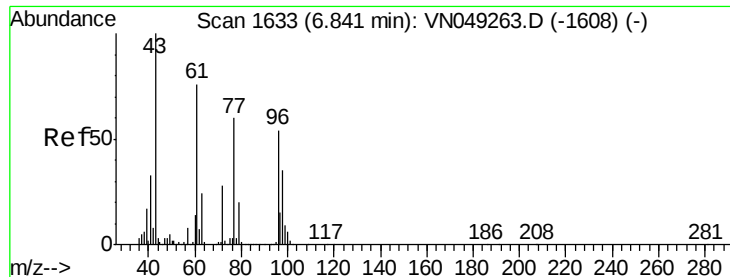
Ion Ratio Lower Upper

63 100

98 6.5 2.9 8.8

100 3.9 2.1 6.3

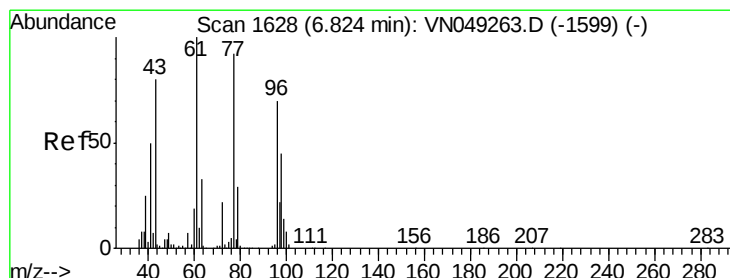
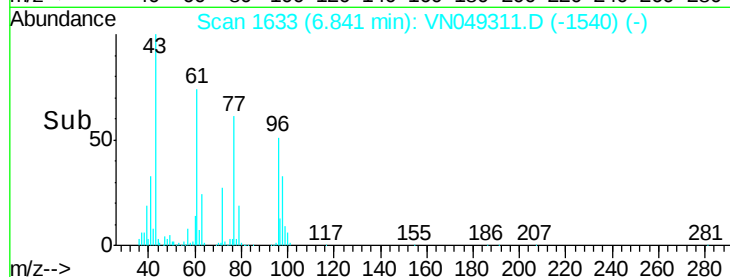
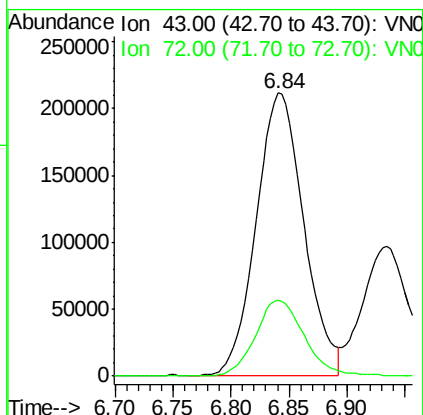
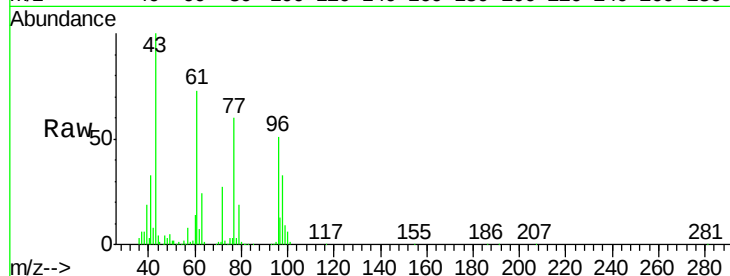




#25
2-Butanone
Concen: 94.39 ug/l
RT: 6.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VN049311.D
Acq: 16 Jun 2018 15:55

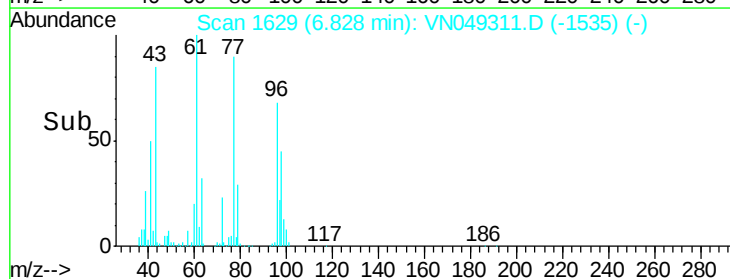
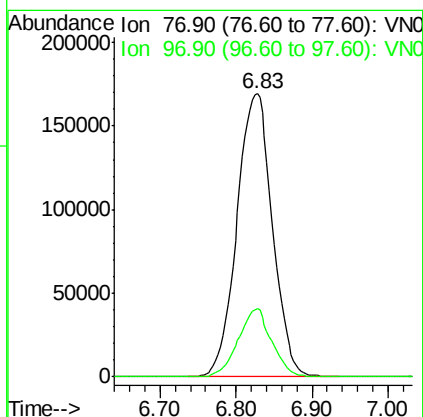
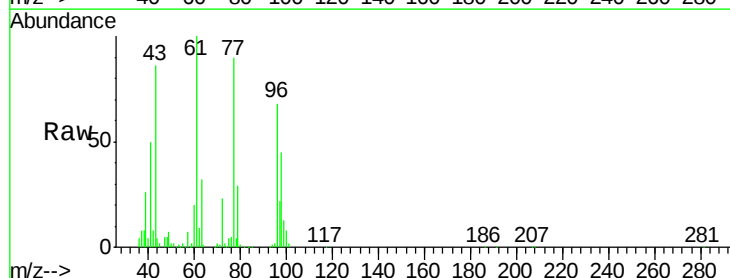
Instrument :
MSVOA_N
ClientSampleId :

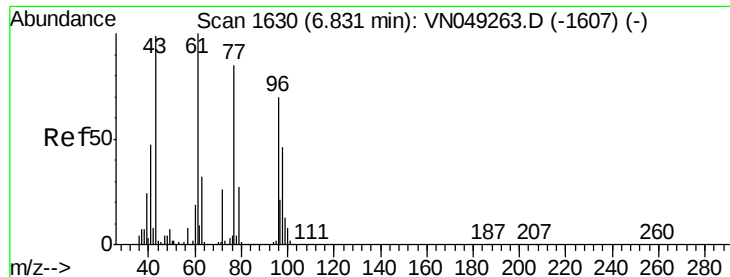
Tot Ion: 43 Resp: 603869
Ion Ratio Lower Upper
43 100
72 27.0 20.2 30.2



#26
2,2-Dichloropropane
Concen: 19.84 ug/l
RT: 6.83 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VN049311.D
Acq: 16 Jun 2018 15:55

Tgt Ion: 77 Resp: 548500
Ion Ratio Lower Upper
77 100
97 22.7 11.0 33.0





#27

cis-1,2-Dichloroethene

Concen: 19.16 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN049311.D

Acq: 16 Jun 2018 15:55

Instrument :
MSVOA_N
ClientSampled :

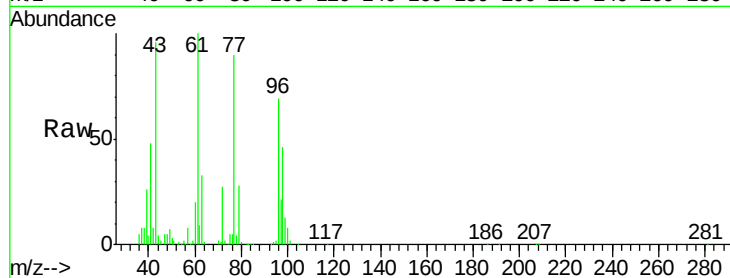
Tot Ion: 96 Resp: 382643

Ion Ratio Lower Upper

96 100

61 144.8 0.0 316.4

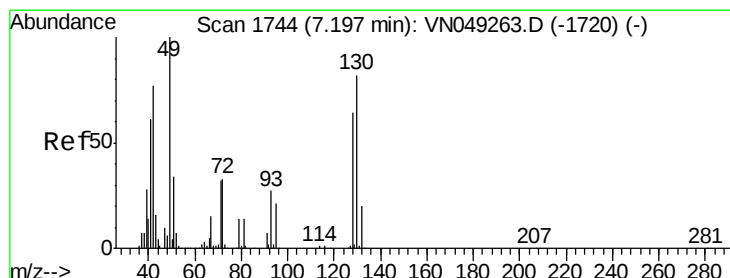
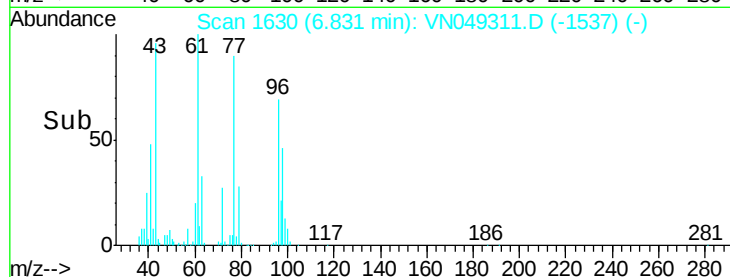
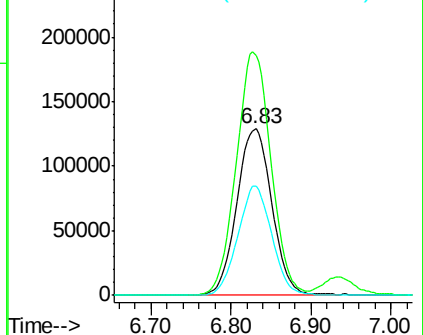
98 63.6 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN049311.D (-1537) (-)

Ion 60.90 (60.60 to 61.60): VN049311.D (-1537) (-)

Ion 97.90 (97.60 to 98.60): VN049311.D (-1537) (-)



#28

Bromochloromethane

Concen: 20.18 ug/l

RT: 7.19 min Scan# 1743

Delta R.T. -0.00 min

Lab File: VN049311.D

Acq: 16 Jun 2018 15:55

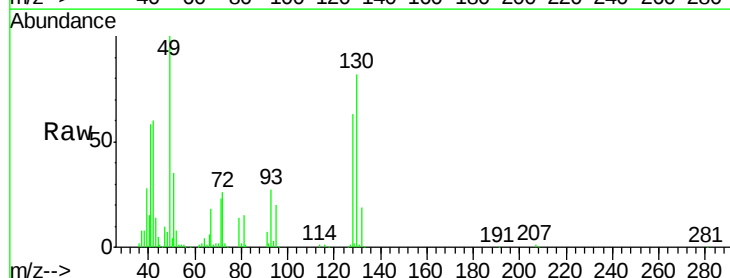
Tgt Ion: 49 Resp: 306258

Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

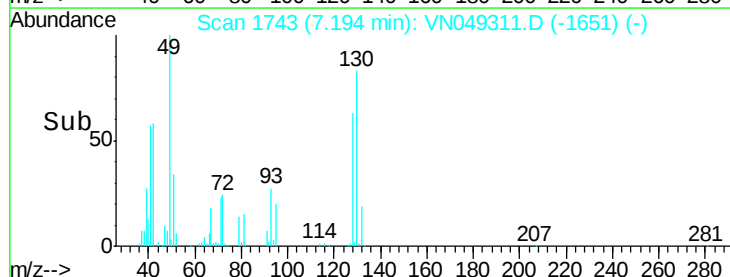
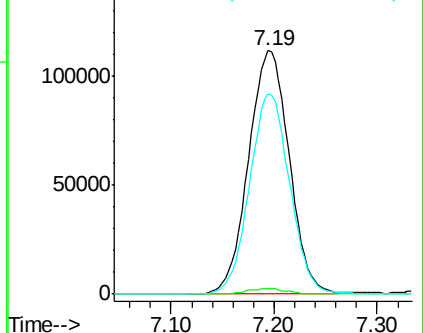
130 81.5 54.9 82.3

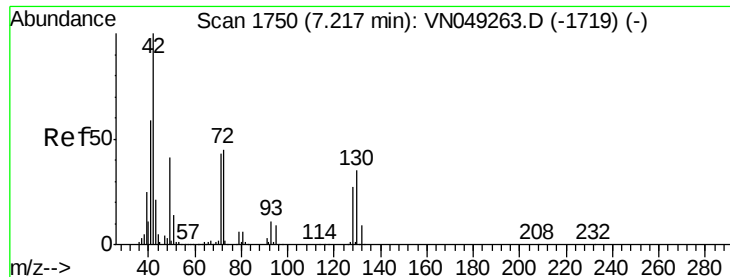


Abundance Ion 48.90 (48.60 to 49.60): VN049311.D (-1651) (-)

Ion 128.80 (128.50 to 129.50): VN049311.D (-1651) (-)

Ion 129.80 (129.50 to 130.50): VN049311.D (-1651) (-)





#29

Tetrahydrofuran

Concen: 93.40 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN049311.D

Acq: 16 Jun 2018 15:55

Instrument :
MSVOA_N
ClientSampleId :

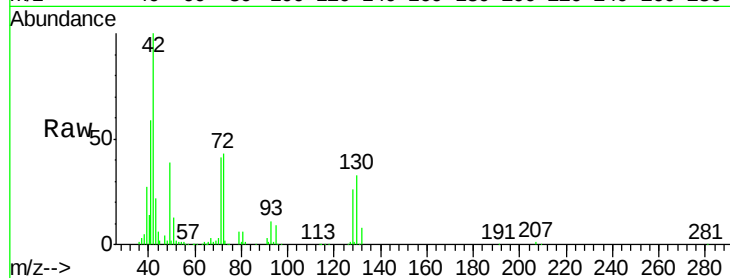
Tot Ion: 42 Resp: 384655

Ion Ratio Lower Upper

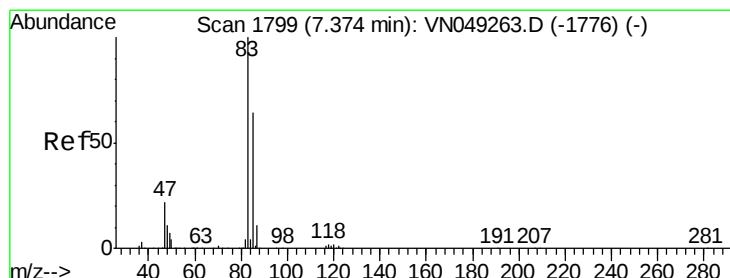
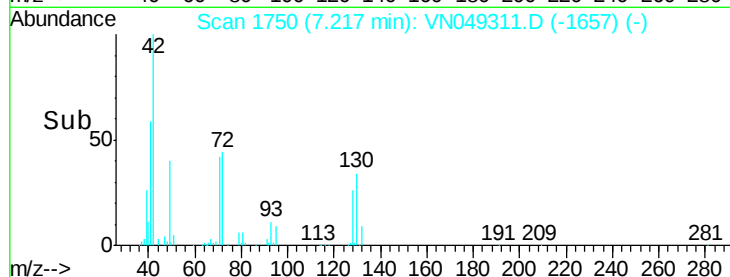
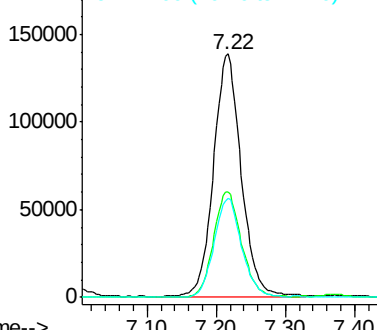
42 100

72 43.8 32.2 48.4

71 40.6 30.5 45.7



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



#30

Chloroform

Concen: 19.39 ug/l

RT: 7.37 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN049311.D

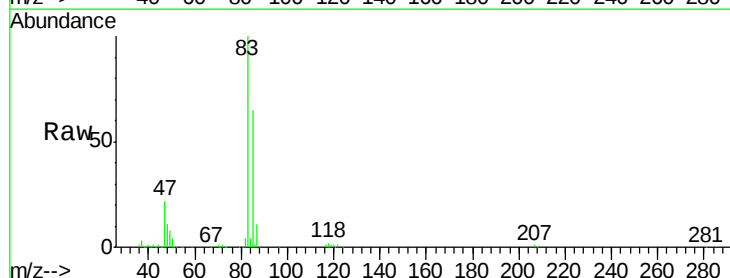
Acq: 16 Jun 2018 15:55

Tgt Ion: 83 Resp: 660520

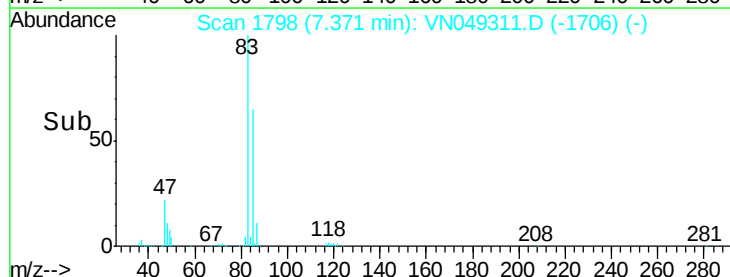
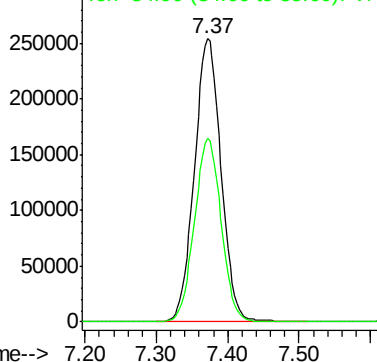
Ion Ratio Lower Upper

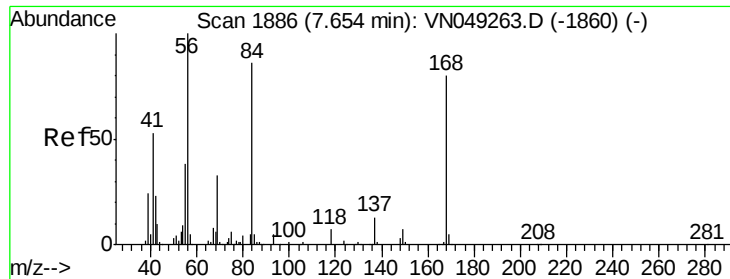
83 100

85 64.9 51.7 77.5



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

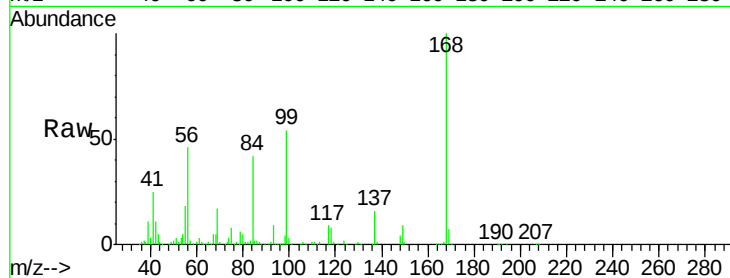




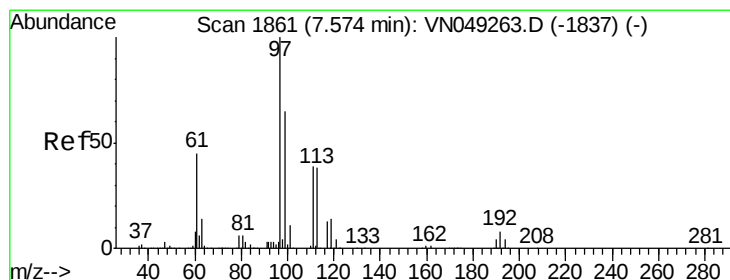
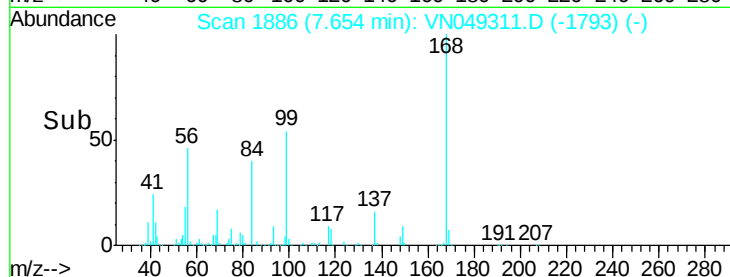
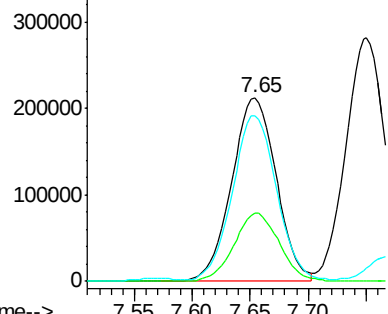
#31
Cyclohexane
Concen: 19.51 ug/l
RT: 7.65 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VN049311.D
Acq: 16 Jun 2018 15:55

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	56	Resp	569399
Ion Ratio	Lower	Upper	
56	100		
69	36.9	25.0	37.4
84	88.6	64.6	96.8

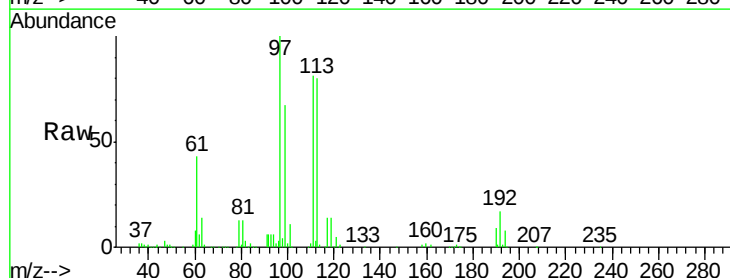


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

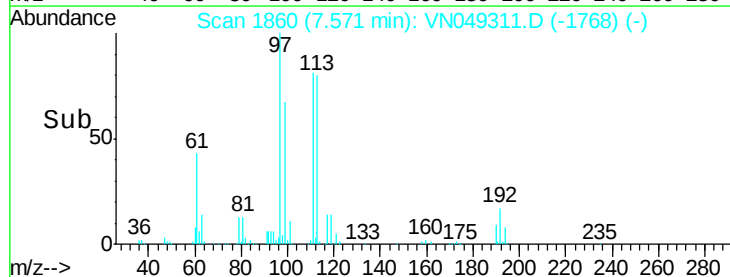
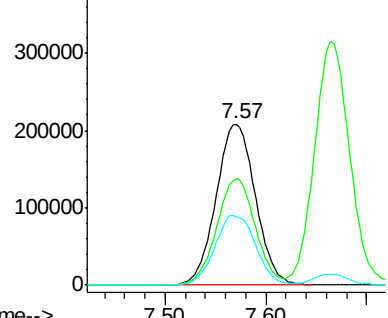


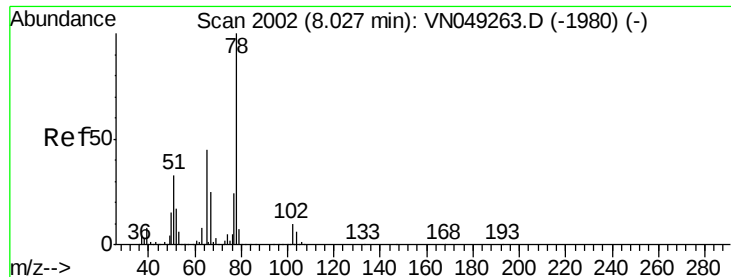
#32
1,1,1-Trichloroethane
Concen: 19.36 ug/l
RT: 7.57 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VN049311.D
Acq: 16 Jun 2018 15:55

Tgt Ion	97	Resp	562770
Ion Ratio	Lower	Upper	
97	100		
99	65.0	50.5	75.7
61	45.1	37.9	56.9



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 48.75 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN049311.D

Acq: 16 Jun 2018 15:55

Instrument :

MSVOA_N

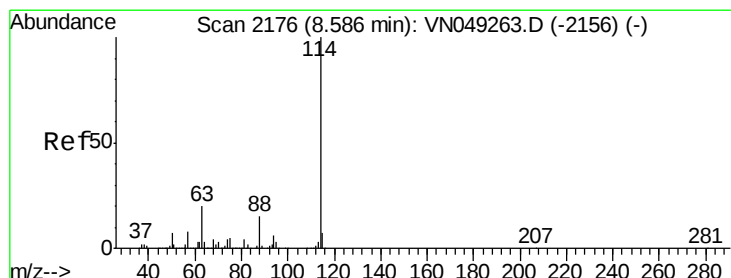
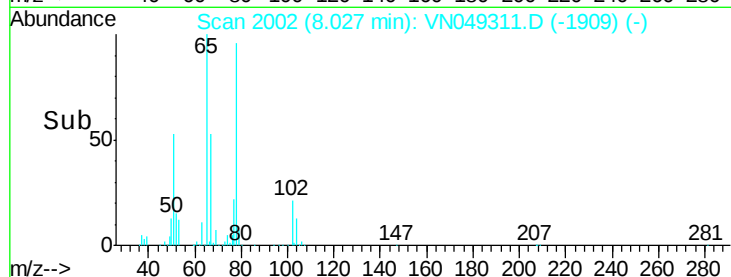
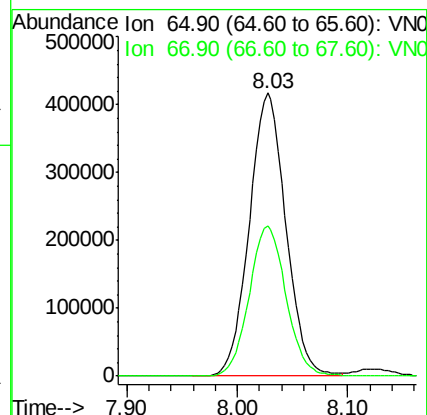
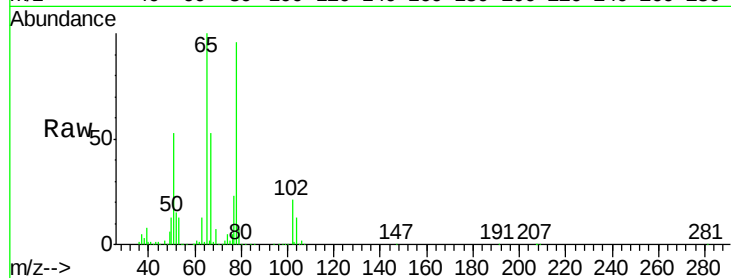
ClientSampleId :

Tot Ion: 65 Resp: 956702

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: VN049311.D

Acq: 16 Jun 2018 15:55

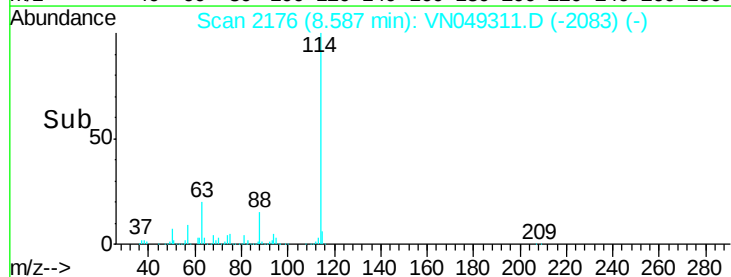
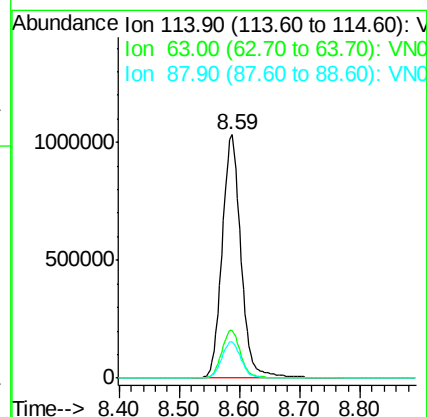
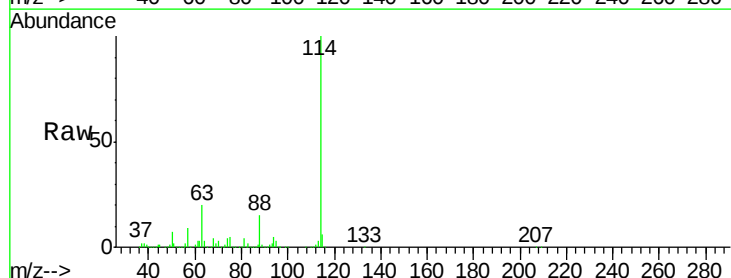
Tgt Ion: 114 Resp: 2215666

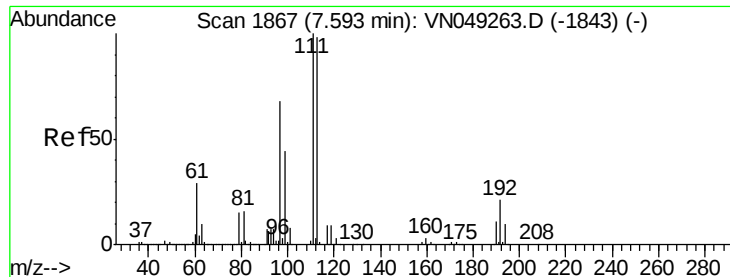
Ion Ratio Lower Upper

114 100

63 19.9 0.0 44.4

88 15.1 0.0 31.4

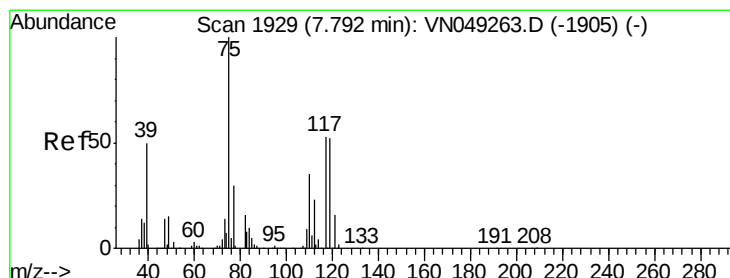
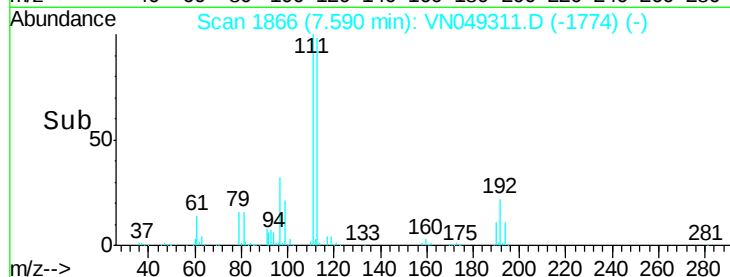
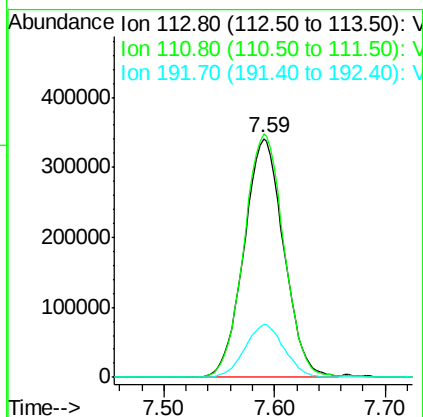
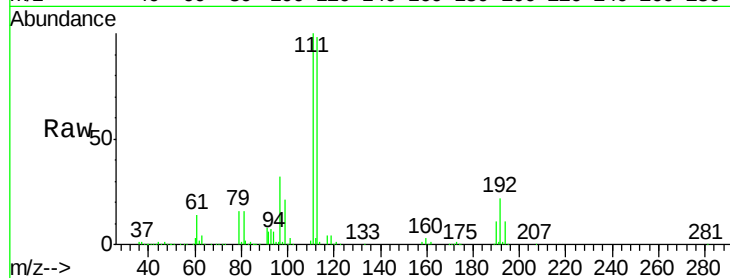




#35
 Dibromofluoromethane
 Concen: 47.49 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN049311.D
 Acq: 16 Jun 2018 15:55

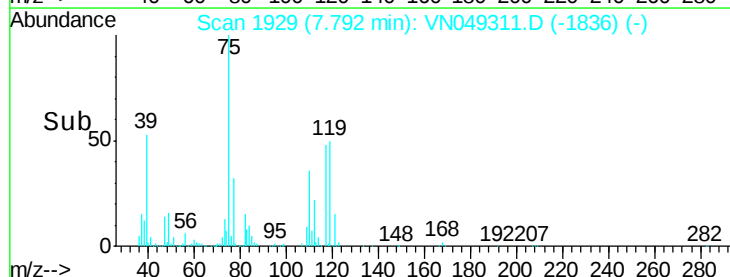
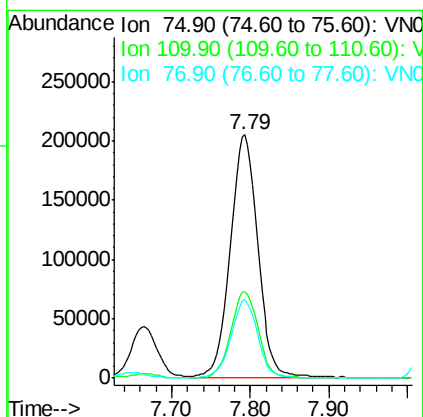
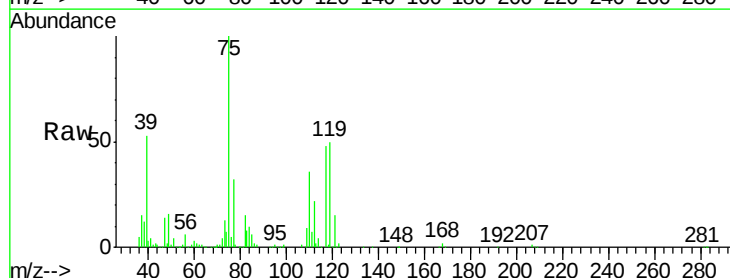
Instrument :
 MSVOA_N
 ClientSampleId :

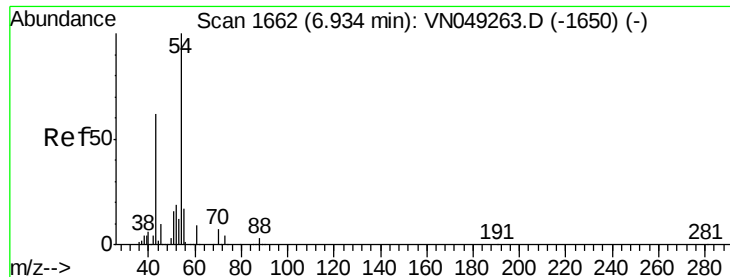
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.4	123.6
192	21.9	15.0	22.6



#36
 1,1-Dichloropropene
 Concen: 19.58 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: VN049311.D
 Acq: 16 Jun 2018 15:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.0	50.9
77	31.1	24.4	36.6

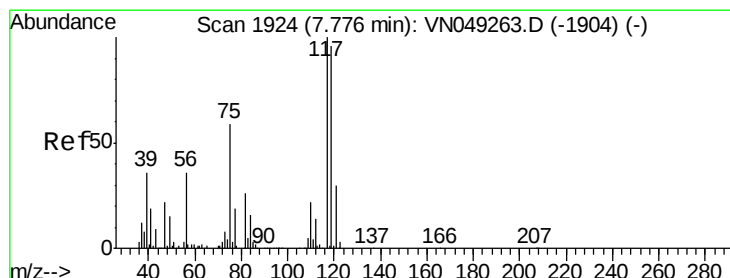
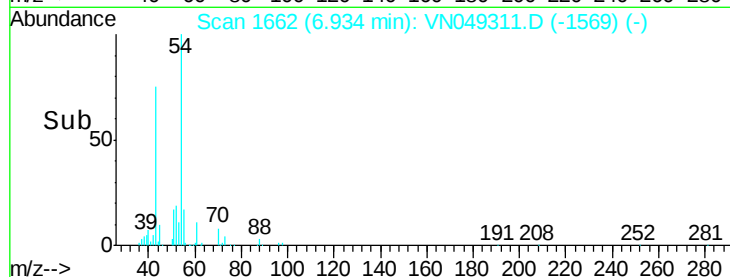
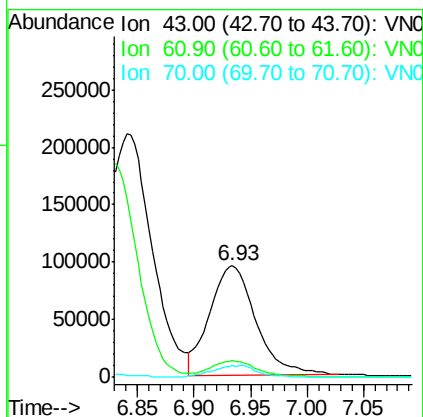
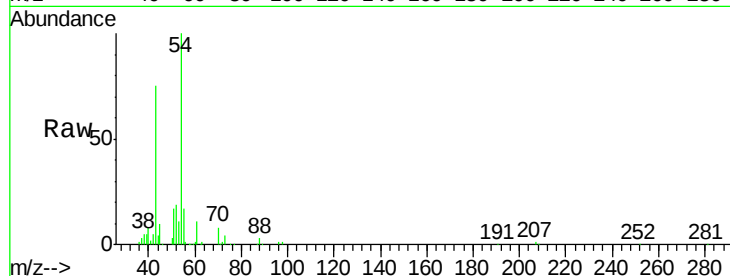




#37
Ethyl Acetate
Concen: 19.55 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN049311.D
Acq: 16 Jun 2018 15:55

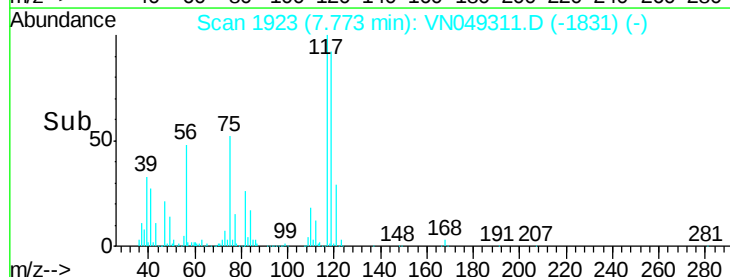
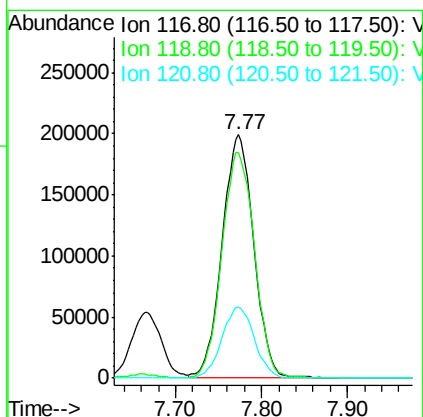
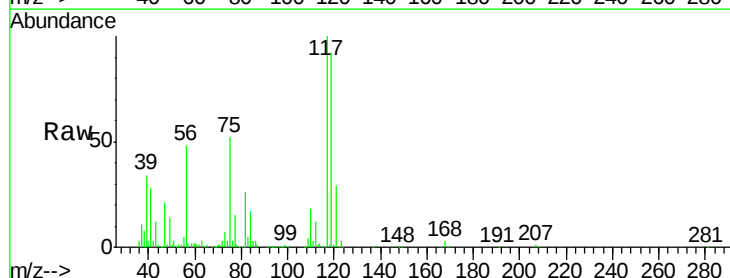
Instrument :
MSVOA_N
ClientSampled :

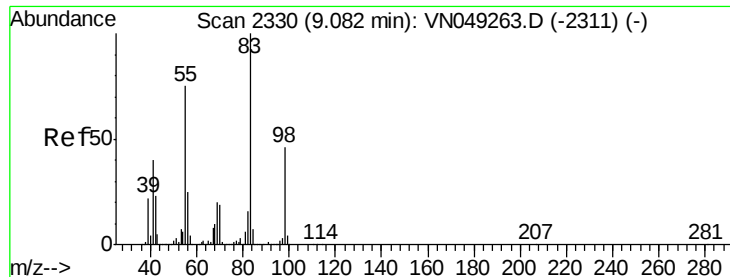
Tot Ion: 43 Resp: 269934
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.4
70 10.8 7.2 10.8#



#38
Carbon Tetrachloride
Concen: 19.29 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN049311.D
Acq: 16 Jun 2018 15:55

Tgt Ion: 117 Resp: 507140
Ion Ratio Lower Upper
117 100
119 92.4 75.6 113.4
121 29.3 24.7 37.1

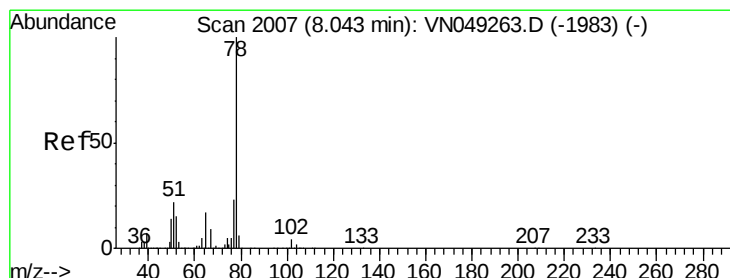
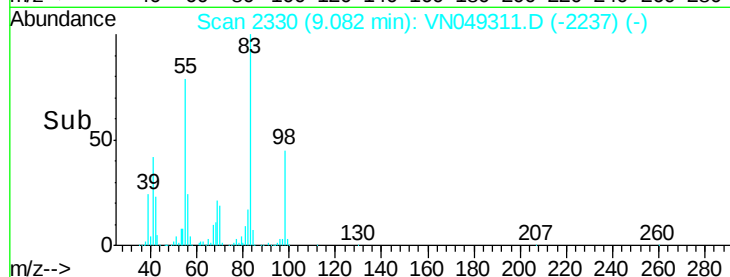
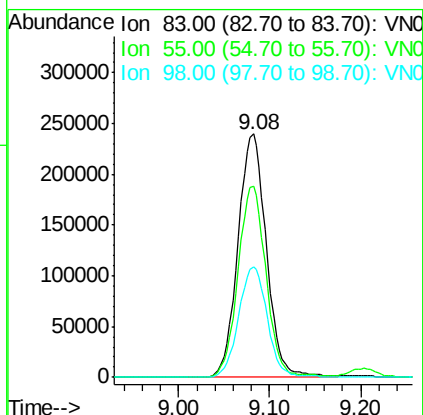
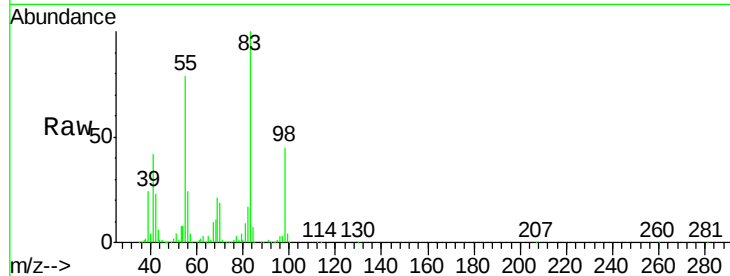




#39
Methvlcvclohexane
Concen: 19.11 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049311.D
Acq: 16 Jun 2018 15:55

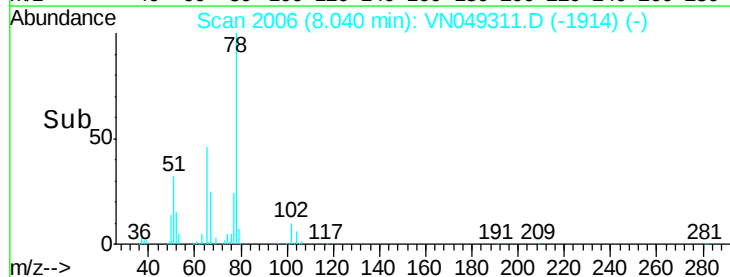
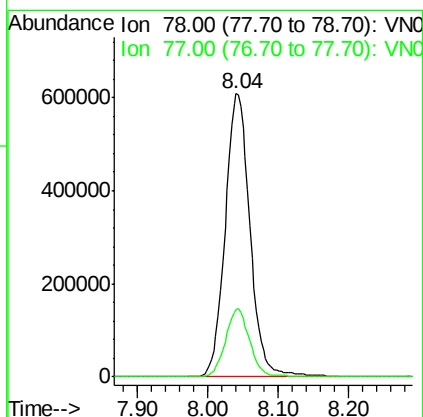
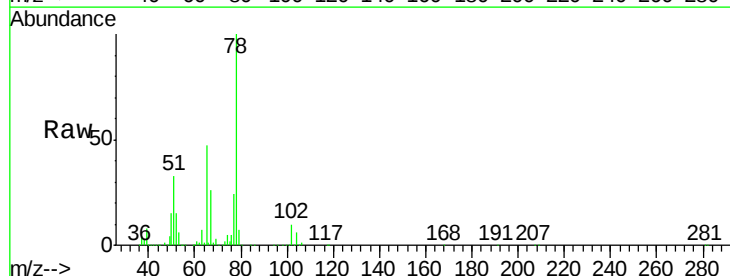
Instrument :
MSVOA_N
ClientSampleId :

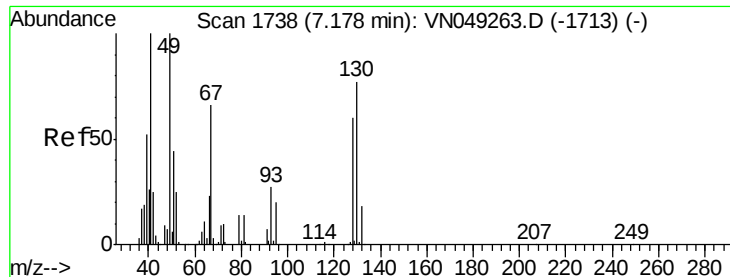
Tot Ion: 83 Resp: 520848
Ion Ratio Lower Upper
83 100
55 78.7 65.1 97.7
98 45.2 36.5 54.7



#40
Benzene
Concen: 19.24 ug/l
RT: 8.04 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VN049311.D
Acq: 16 Jun 2018 15:55

Tgt Ion: 78 Resp: 1498179
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.0

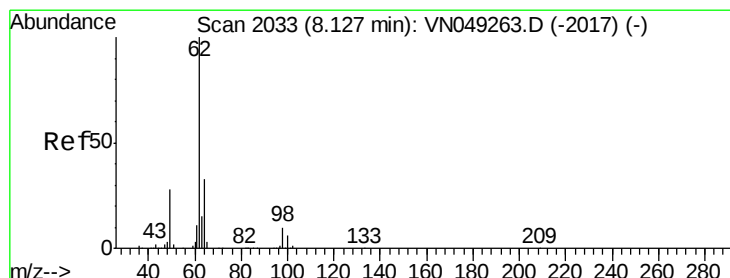
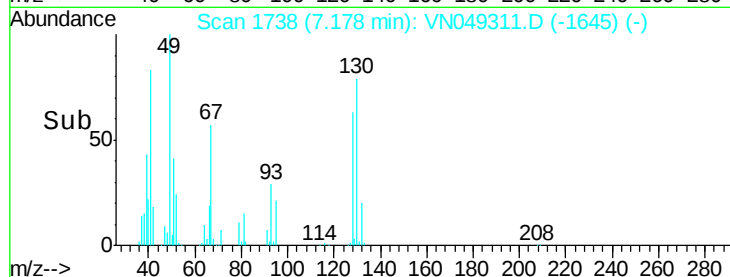
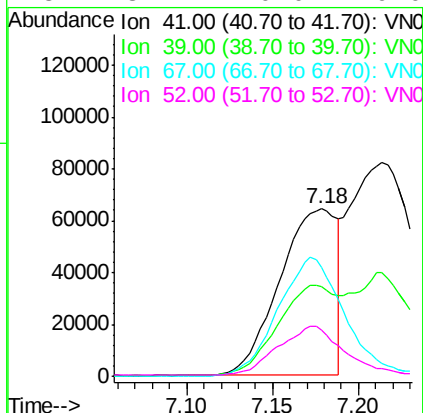
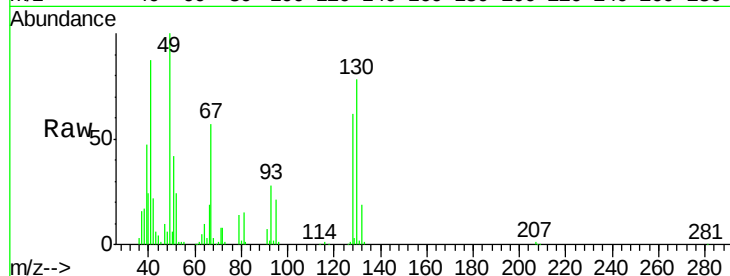




#41
Methacrylonitrile
Concen: 19.97 ug/l
RT: 7.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN049311.D
Acq: 16 Jun 2018 15:55

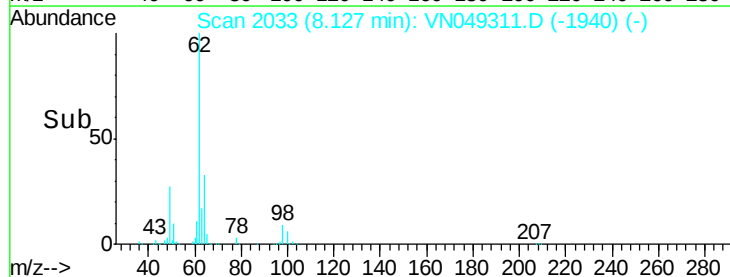
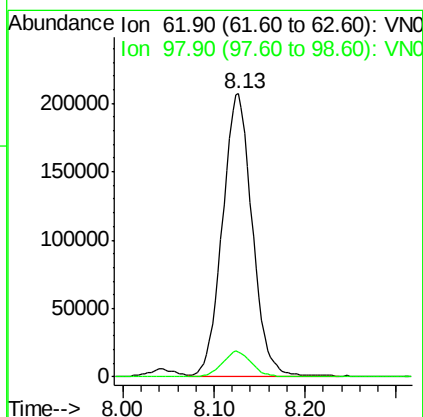
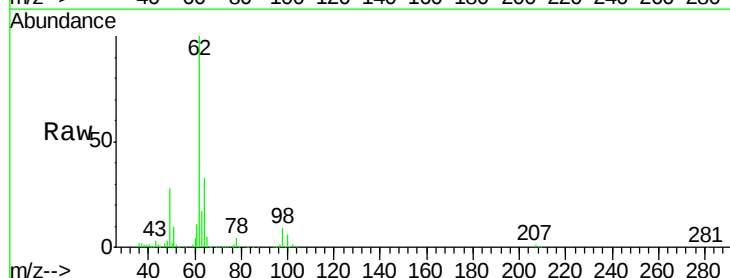
Instrument :
MSVOA_N
ClientSampled :

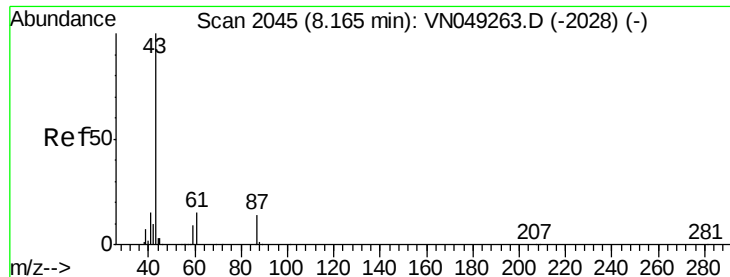
Tot Ion: 41 Resp: 149011
Ion Ratio Lower Upper
41 100
39 54.4 0.0 0.0#
67 83.7 0.0 0.0#
52 34.7 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 19.50 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049311.D
Acq: 16 Jun 2018 15:55

Tgt Ion: 62 Resp: 469116
Ion Ratio Lower Upper
62 100
98 8.9 0.0 16.2



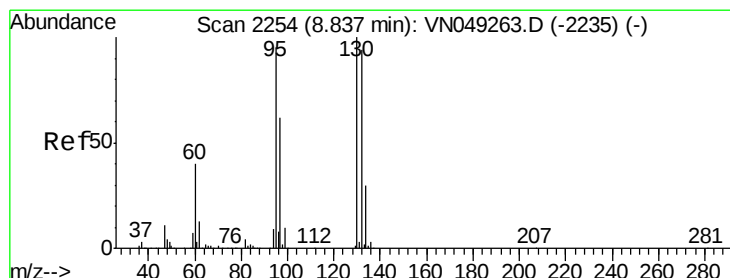
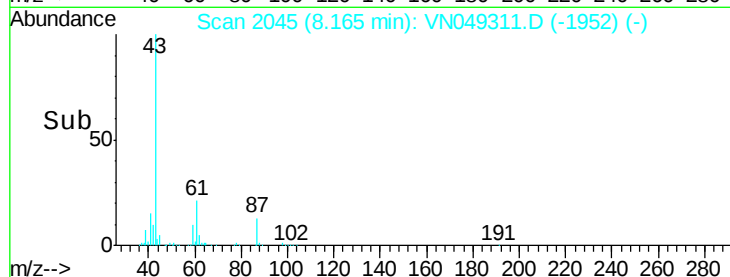
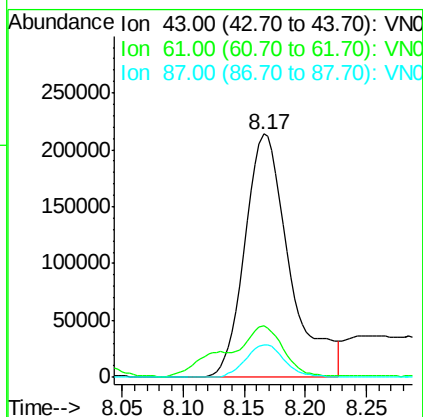
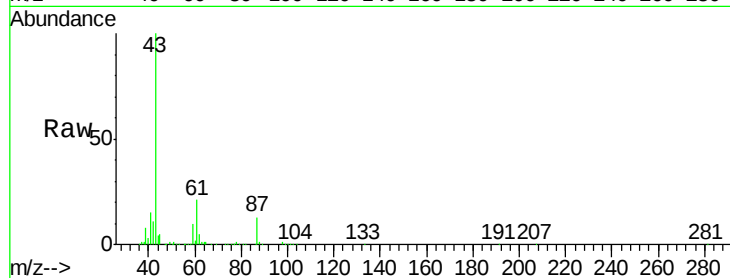


#43

Isopropyl Acetate
 Concen: 20.55 ug/l
 RT: 8.17 min Scan# 2045
 Delta R.T. 0.00 min
 Lab File: VN049311.D
 Acq: 16 Jun 2018 15:55

Instrument :
 MSVOA_N
 ClientSampled :

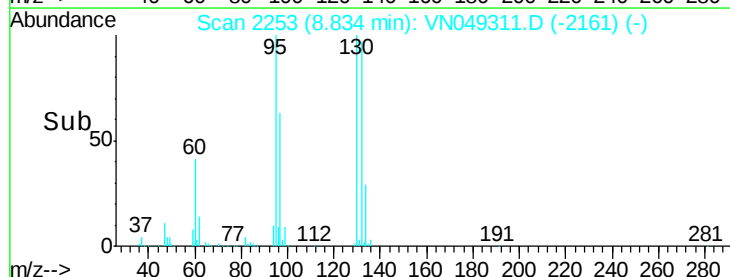
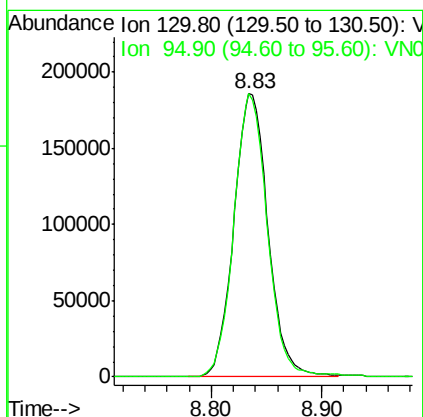
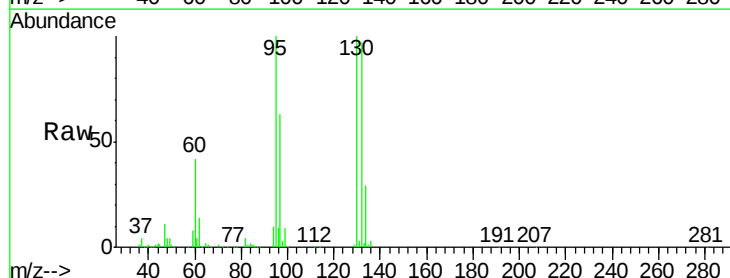
Tot Ion	43	Resp	541965
Ion Ratio	100		
Lower	14.2		
Upper	21.4		
61	16.9		
87	11.8		
	9.4		

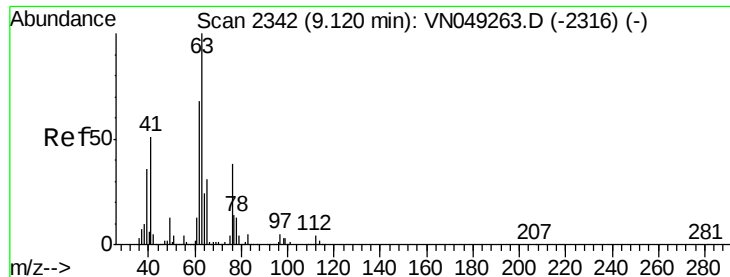


#44

Trichloroethene
 Concen: 19.39 ug/l
 RT: 8.83 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VN049311.D
 Acq: 16 Jun 2018 15:55

Tgt Ion	130	Resp	398646
Ion Ratio	100		
Lower	0.0		
Upper	208.6		
95	100.0		

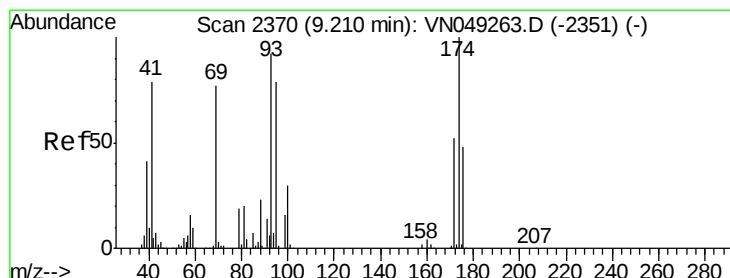
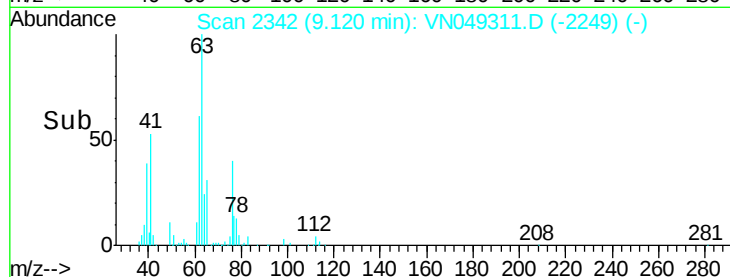
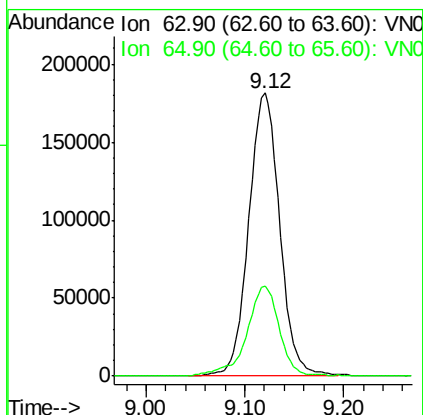
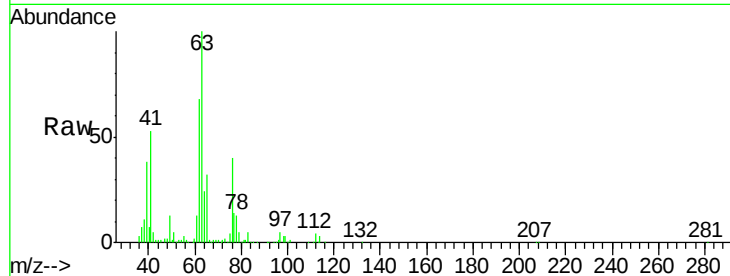




#45
 1,2-Dichloropropane
 Concen: 19.26 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN049311.D
 Acq: 16 Jun 2018 15:55

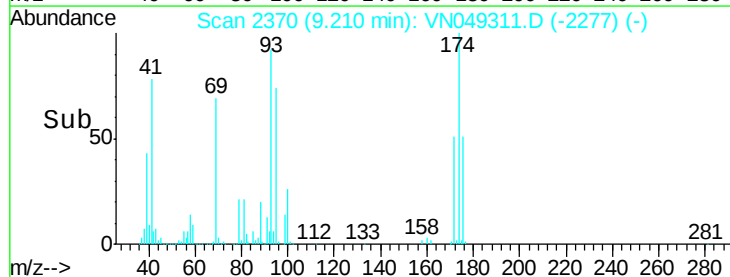
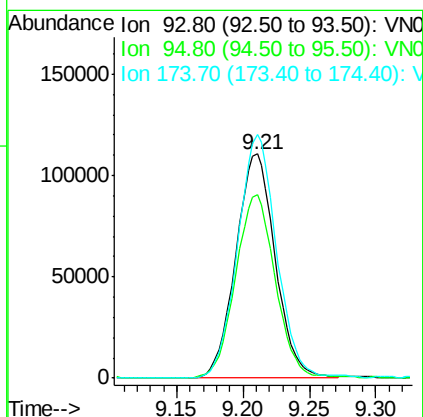
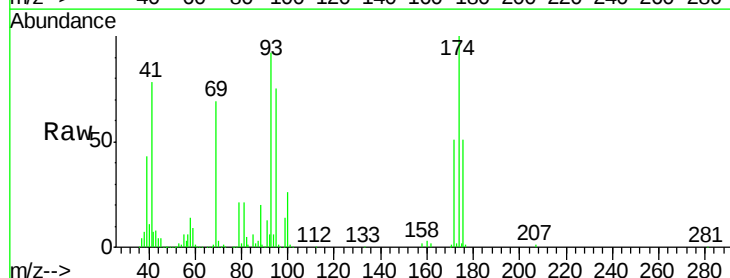
Instrument :
 MSVOA_N
 ClientSampled :

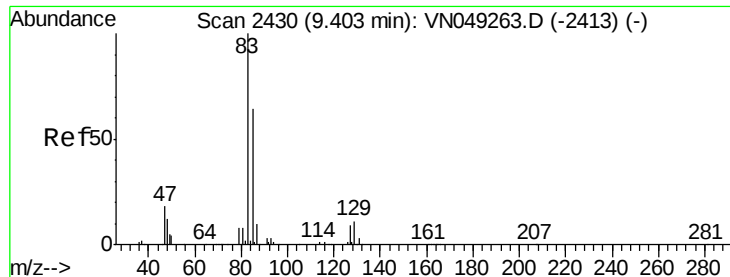
Tot Ion: 63 Resp: 392650
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.8 37.2



#46
 Dibromomethane
 Concen: 19.31 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: VN049311.D
 Acq: 16 Jun 2018 15:55

Tgt Ion: 93 Resp: 228263
 Ion Ratio Lower Upper
 93 100
 95 82.9 67.2 100.8
 174 107.1 75.6 113.4





#47

Bromodichloromethane

Concen: 19.22 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049311.D

Acq: 16 Jun 2018 15:55

Instrument :
MSVOA_N
ClientSampleId :

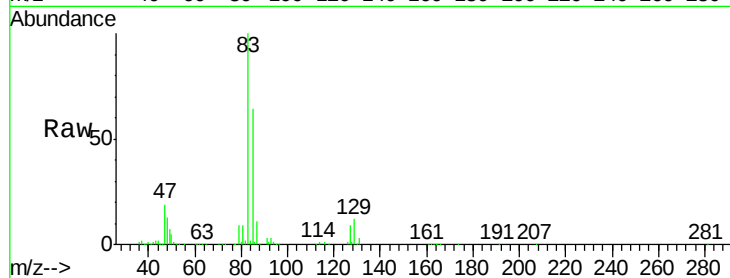
Tot Ion: 83 Resp: 499236

Ion Ratio Lower Upper

83 100

85 63.6 49.4 74.0

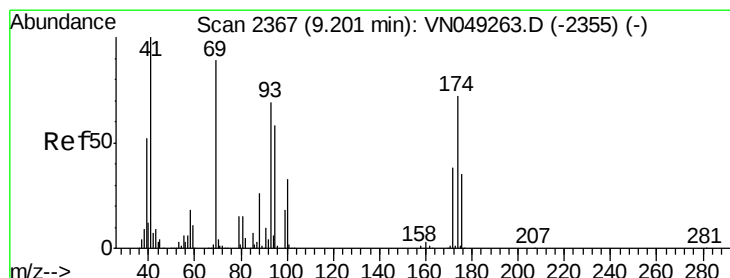
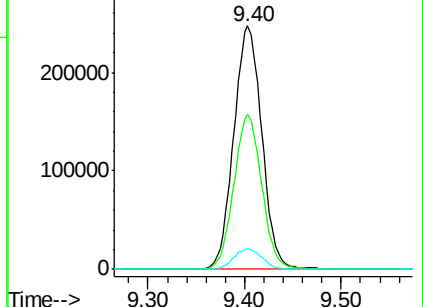
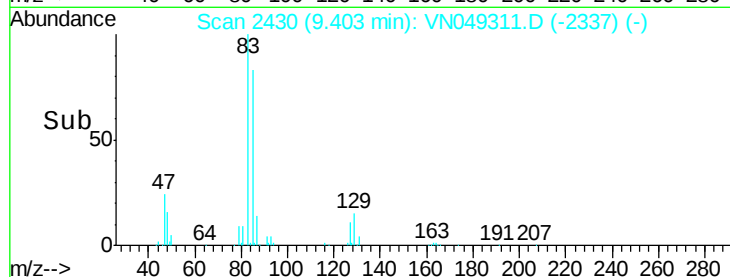
127 8.5 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN049311.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049311.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049311.D (-2337) (-)



#48

Methyl methacrylate

Concen: 18.07 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN049311.D

Acq: 16 Jun 2018 15:55

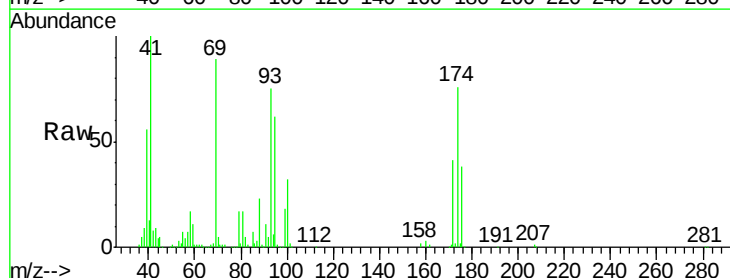
Tgt Ion: 41 Resp: 224409

Ion Ratio Lower Upper

41 100

69 93.7 62.0 93.0#

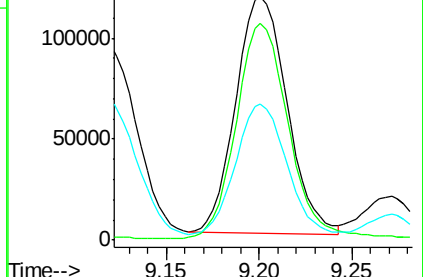
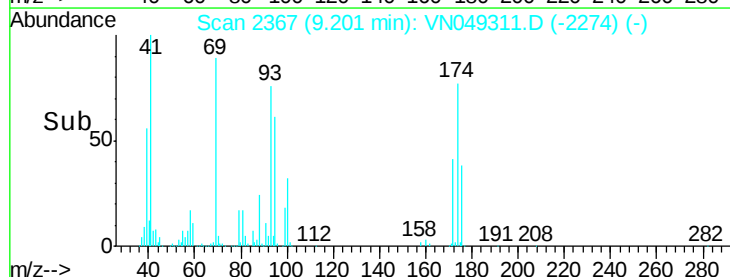
39 59.9 50.6 75.8

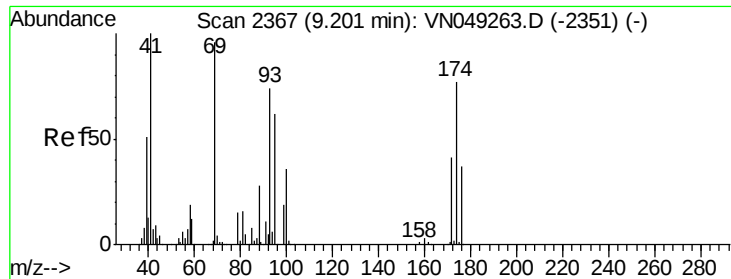


Abundance Ion 41.00 (40.70 to 41.70): VN049311.D (-2274) (-)

Ion 69.00 (68.70 to 69.70): VN049311.D (-2274) (-)

Ion 39.00 (38.70 to 39.70): VN049311.D (-2274) (-)

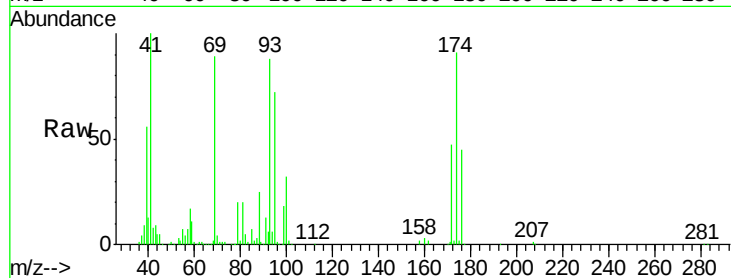




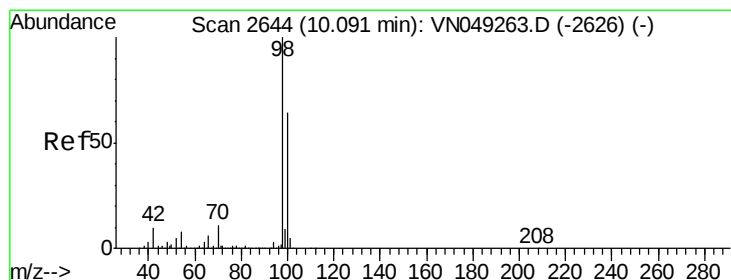
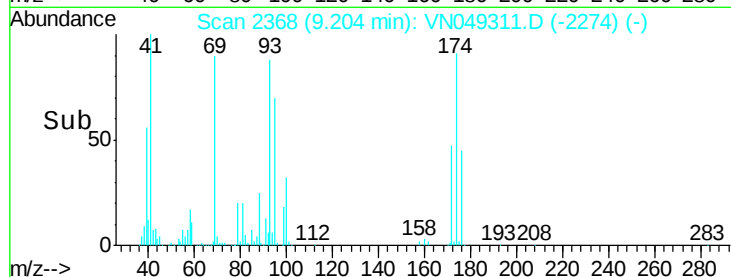
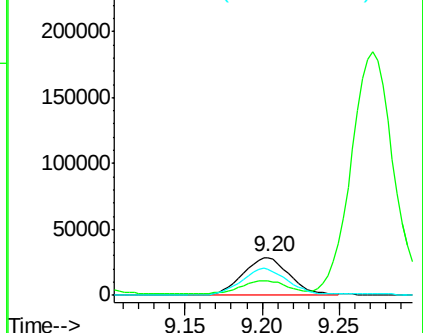
#49
1,4-Dioxane
Concen: 352.80 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049311.D
Acq: 16 Jun 2018 15:55

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 60482
Ion Ratio Lower Upper
88 100
43 34.7 30.9 46.3
58 71.6 58.9 88.3

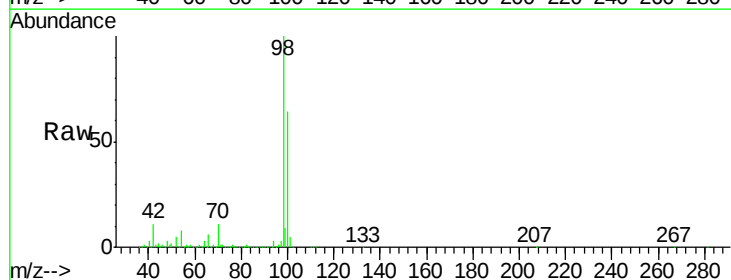


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

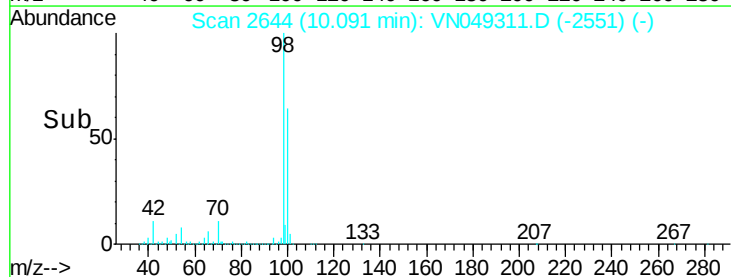
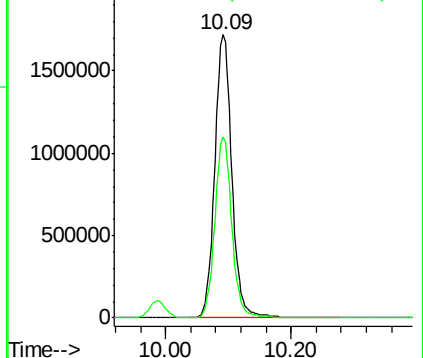


#50
Toluene-d8
Concen: 47.60 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049311.D
Acq: 16 Jun 2018 15:55

Tgt Ion: 98 Resp: 3249217
Ion Ratio Lower Upper
98 100
100 63.4 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

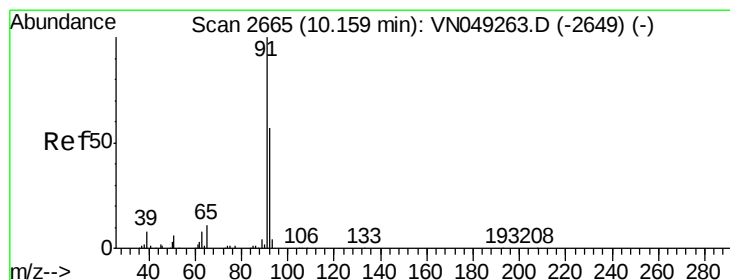
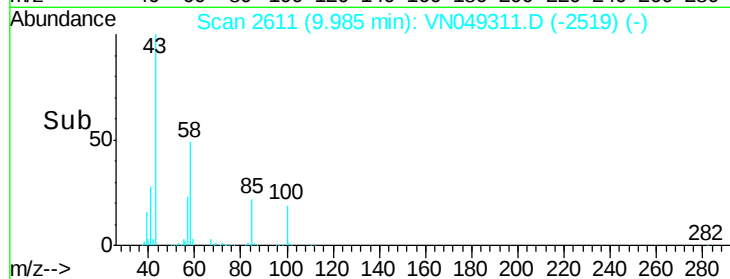
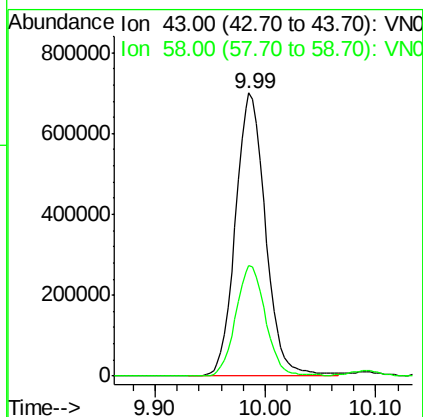
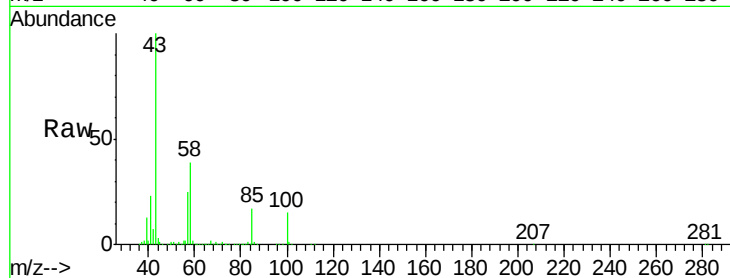




#51
4-Methyl-2-Pentanone
Concen: 95.39 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN049311.D
Acq: 16 Jun 2018 15:55

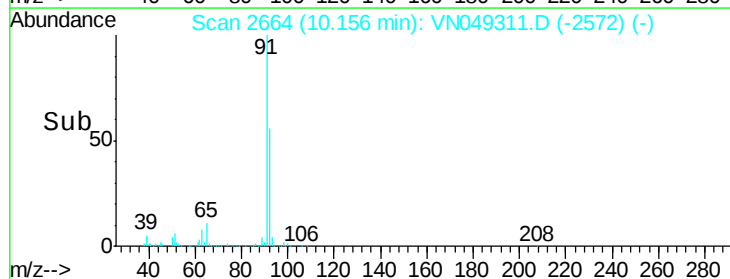
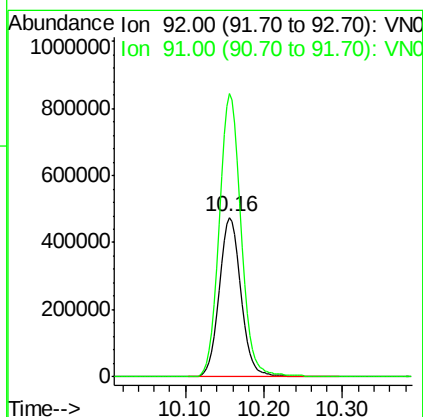
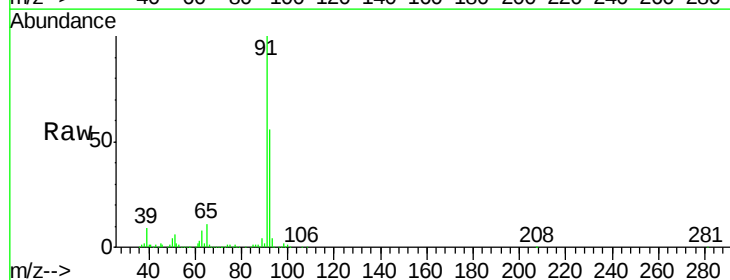
Instrument :
MSVOA_N
ClientSampled :

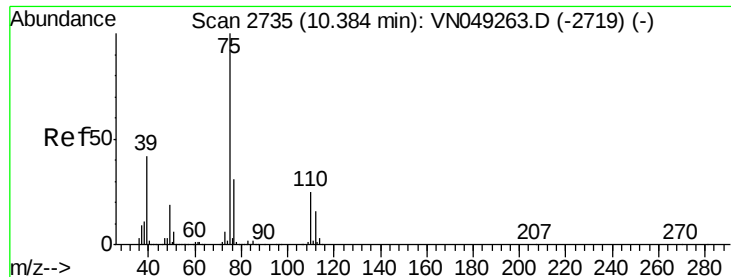
Tot Ion: 43 Resp: 1318716
Ion Ratio Lower Upper
43 100
58 38.8 29.0 43.6



#52
Toluene
Concen: 19.80 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. -0.00 min
Lab File: VN049311.D
Acq: 16 Jun 2018 15:55

Tgt Ion: 92 Resp: 904879
Ion Ratio Lower Upper
92 100
91 177.9 143.4 215.2





#53

t-1,3-Dichloropropene

Concen: 18.75 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049311.D

Acq: 16 Jun 2018 15:55

Instrument :

MSVOA_N

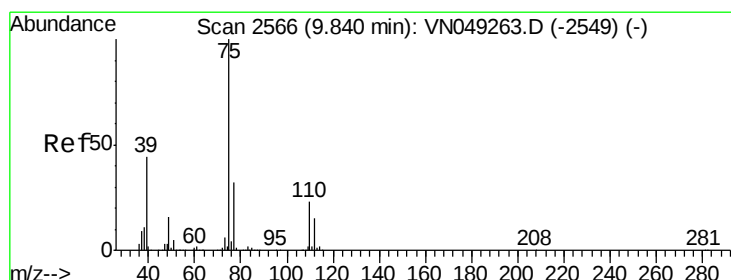
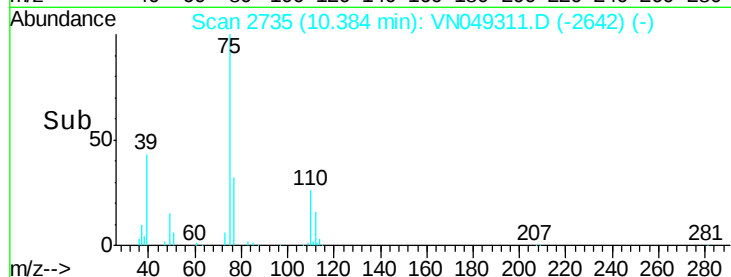
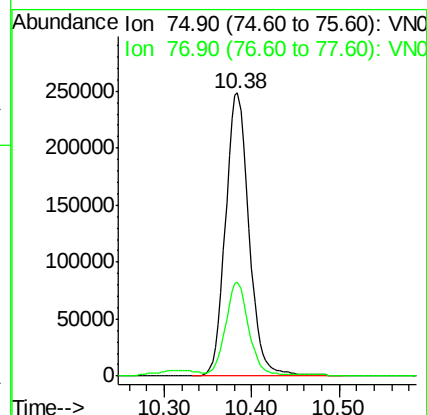
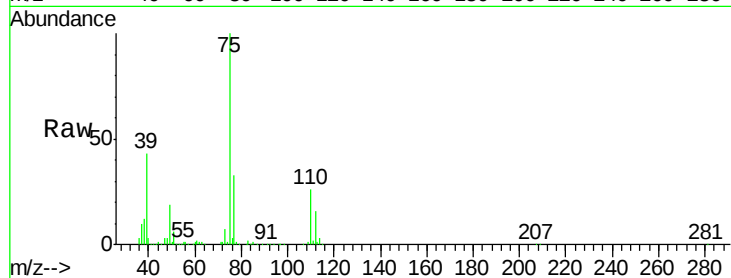
ClientSampled :

Tot Ion: 75 Resp: 465903

Ion Ratio Lower Upper

75 100

77 32.7 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 19.16 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049311.D

Acq: 16 Jun 2018 15:55

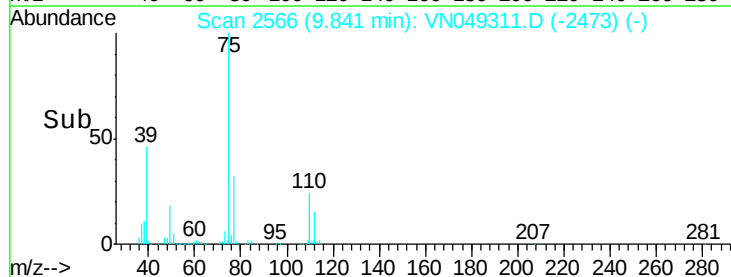
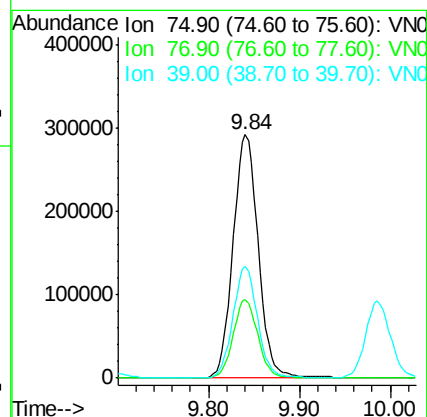
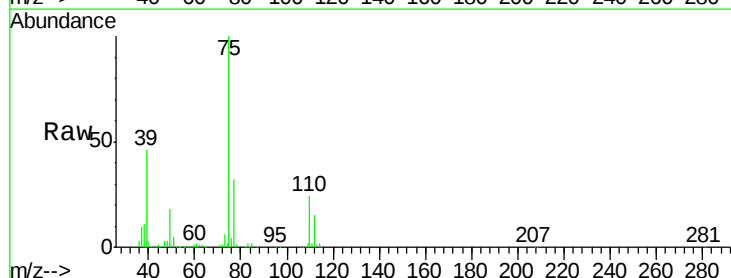
Tgt Ion: 75 Resp: 562157

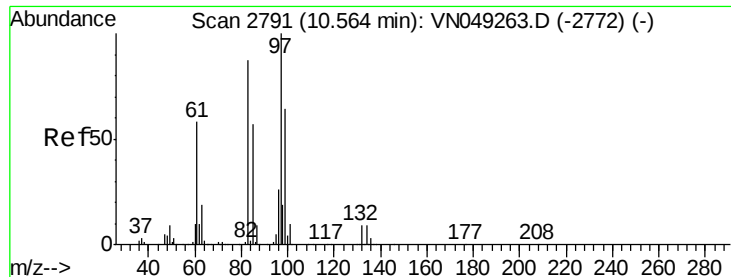
Ion Ratio Lower Upper

75 100

77 32.1 24.8 37.2

39 45.9 45.1 67.7

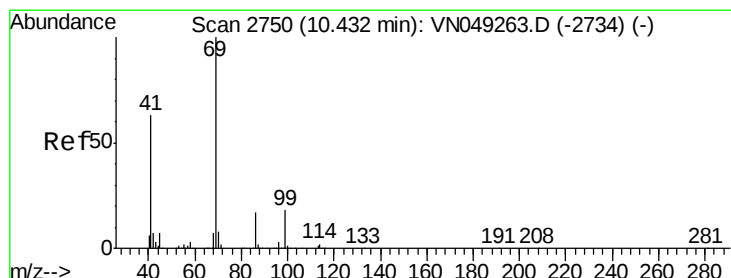
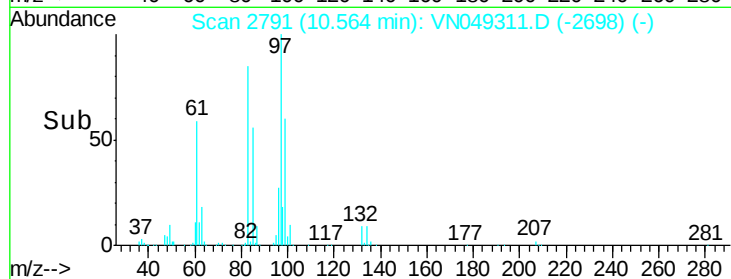
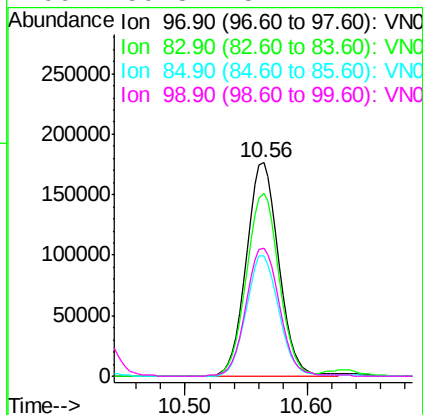
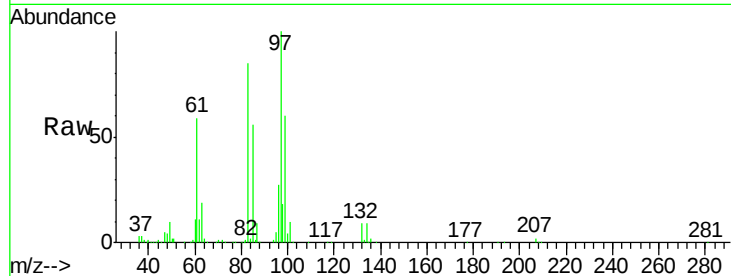




#55
 1,1,2-Trichloroethane
 Concen: 18.91 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049311.D
 Acq: 16 Jun 2018 15:55

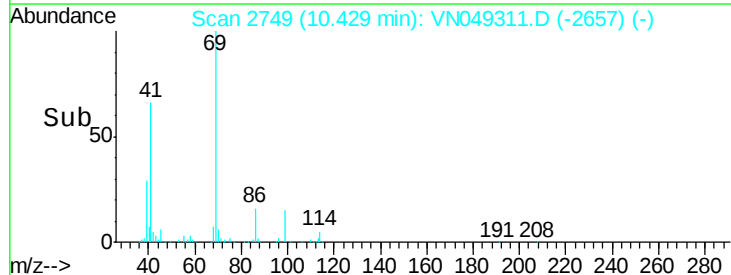
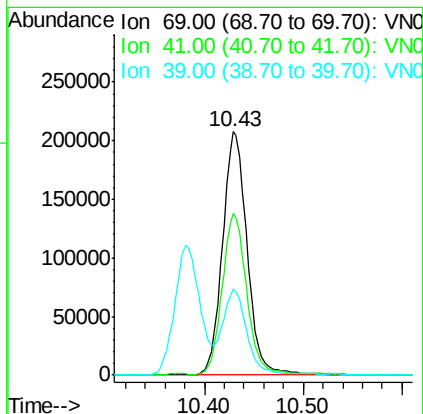
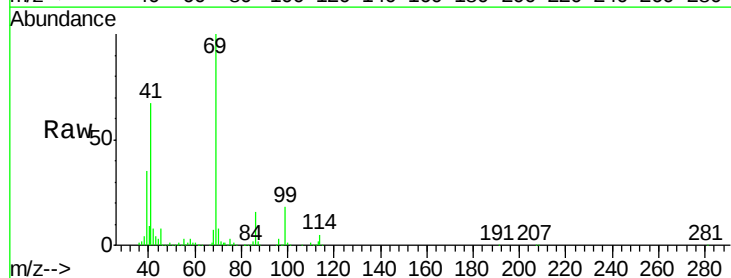
Instrument :
 MSVOA_N
 ClientSampleId :

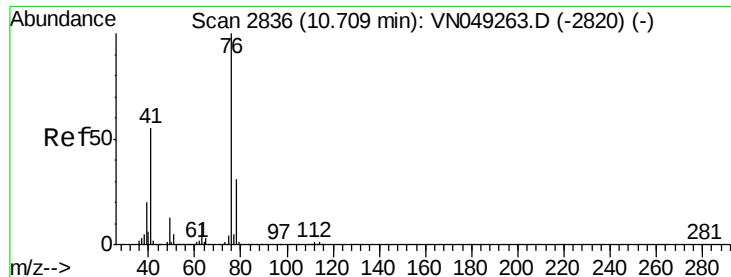
Tot Ion:	97	Resp:	322091
Ion	Ratio	Lower	Upper
97	100		
83	85.4	71.5	107.3
85	56.1	47.0	70.4
99	59.8	51.4	77.2



#56
 Ethyl methacrylate
 Concen: 18.51 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. -0.00 min
 Lab File: VN049311.D
 Acq: 16 Jun 2018 15:55

Tgt Ion:	69	Resp:	363716
Ion	Ratio	Lower	Upper
69	100		
41	65.7	58.4	87.6
39	32.7	35.5	53.3#





#57

1,3-Dichloropropane

Concen: 19.16 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049311.D

Acq: 16 Jun 2018 15:55

Instrument :

MSVOA_N

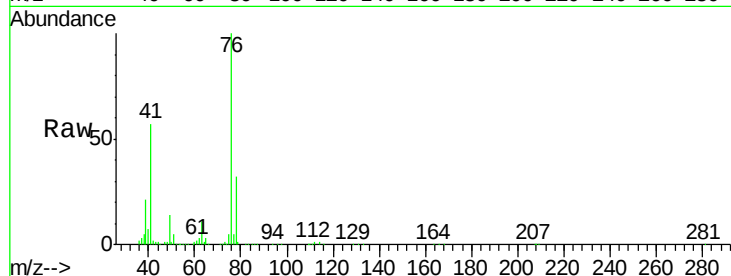
ClientSampleId :

Tot Ion: 76 Resp: 540618

Ion Ratio Lower Upper

76 100

78 32.4 26.3 39.5



Abundance Ion 75.90 (75.60 to 76.60): VN049263.D (-2820) (-)

Ion 77.90 (77.60 to 78.60): VN049263.D (-2820) (-)

10.71

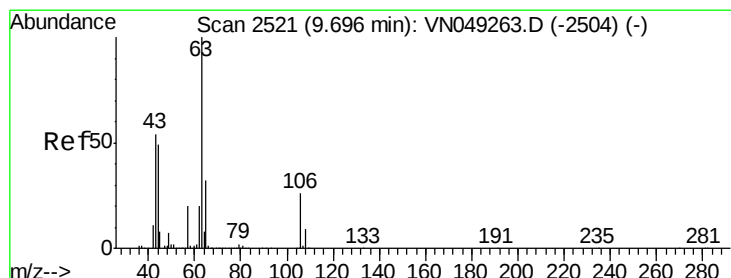
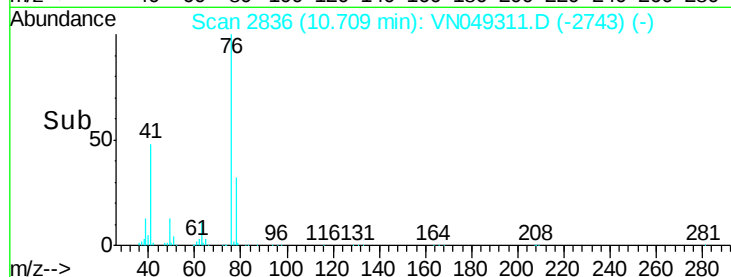
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 84.93 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049311.D

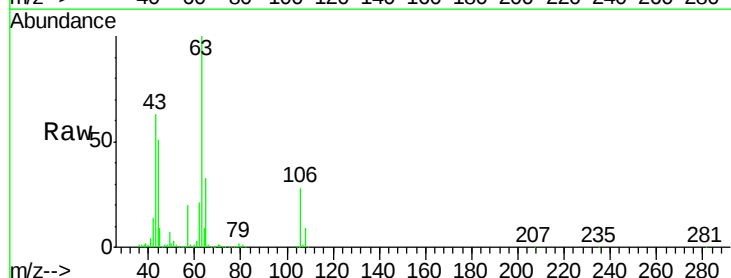
Acq: 16 Jun 2018 15:55

Tgt Ion: 63 Resp: 526210

Ion Ratio Lower Upper

63 100

106 27.1 19.4 29.2



Abundance Ion 62.90 (62.60 to 63.60): VN049263.D (-2504) (-)

Ion 105.90 (105.60 to 106.60): VN049263.D (-2504) (-)

9.70

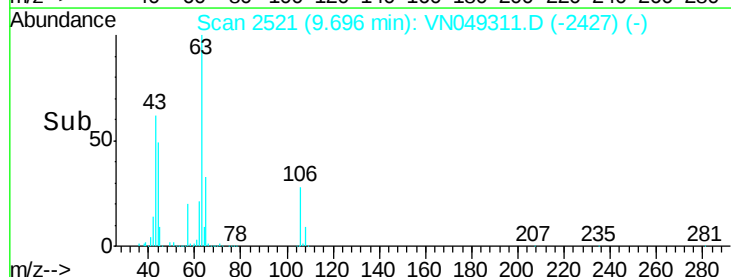
300000

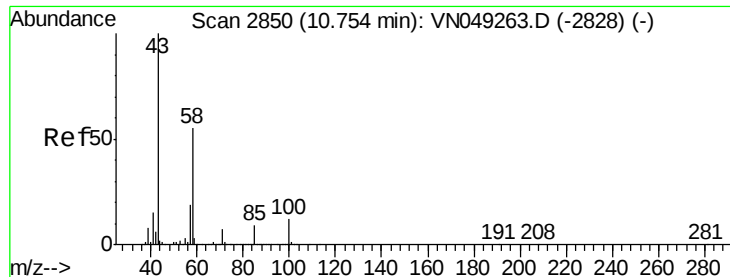
200000

100000

0

Time-->

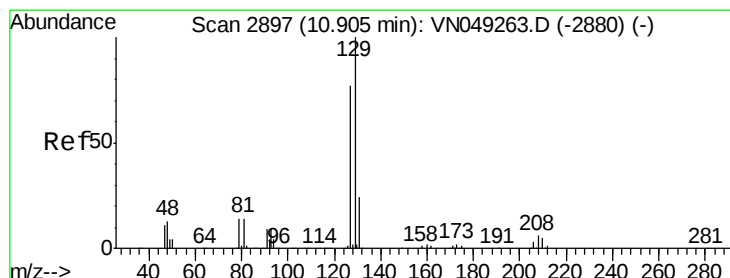
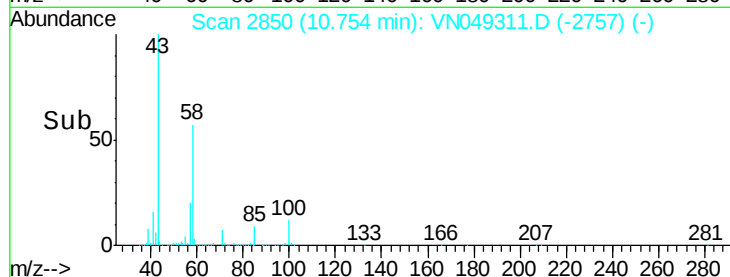
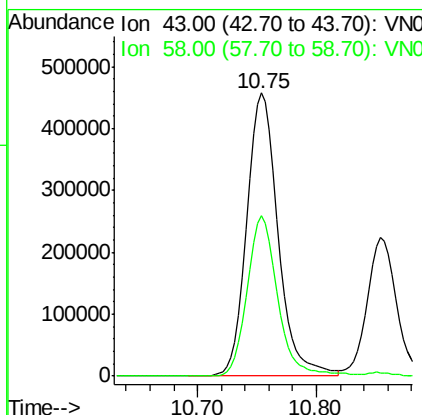
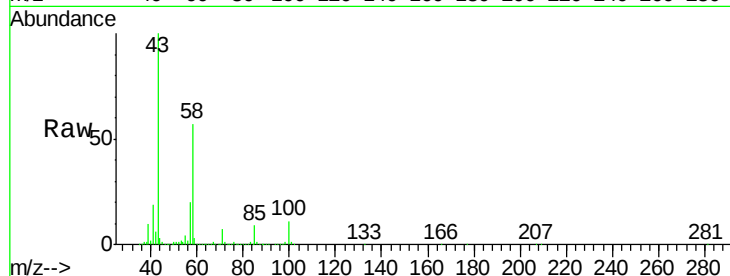




#59
2-Hexanone
Concen: 93.43 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049311.D
Acq: 16 Jun 2018 15:55

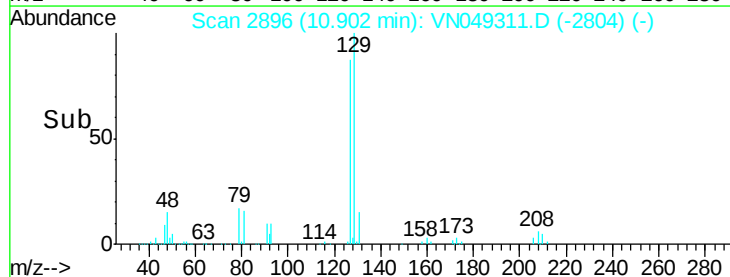
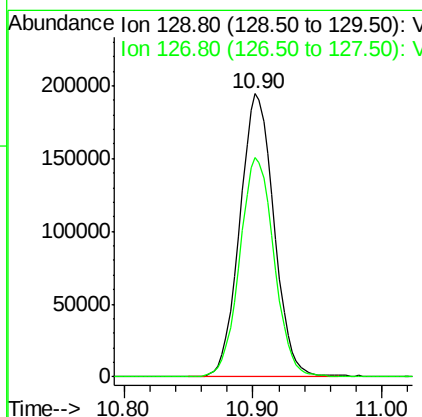
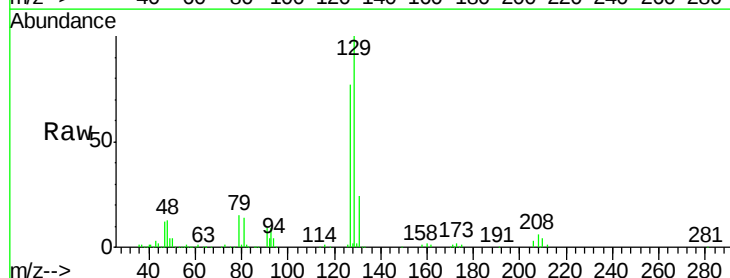
Instrument :
MSVOA_N
ClientSampled :

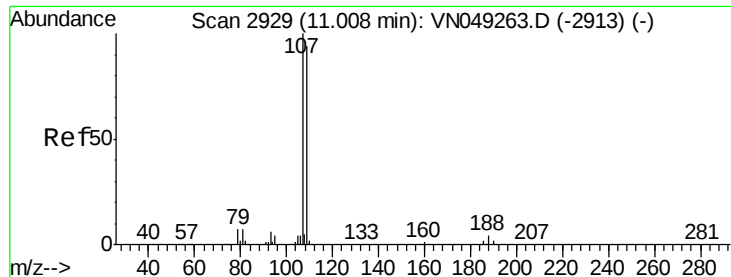
Tot Ion: 43 Resp: 832651
Ion Ratio Lower Upper
43 100
58 55.3 25.2 75.6



#60
Dibromochloromethane
Concen: 18.88 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VN049311.D
Acq: 16 Jun 2018 15:55

Tgt Ion: 129 Resp: 358990
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.2





#61

1,2-Dibromoethane

Concen: 19.03 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN049311.D

Acq: 16 Jun 2018 15:55

Instrument :

MSVOA_N

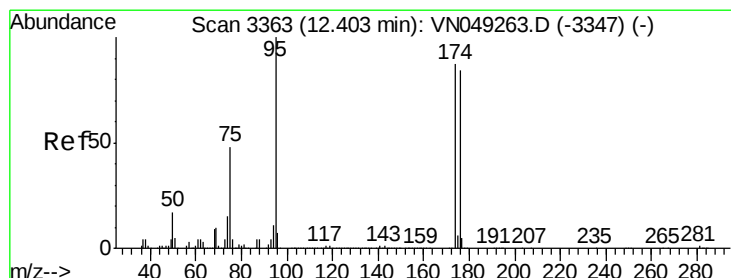
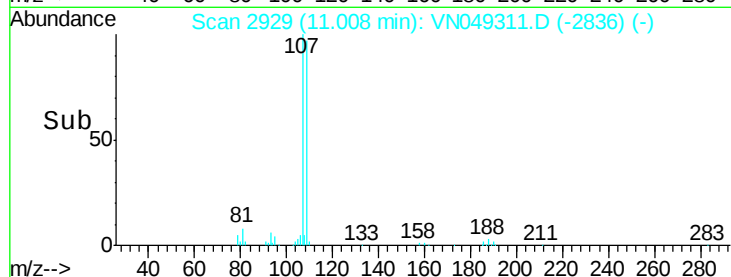
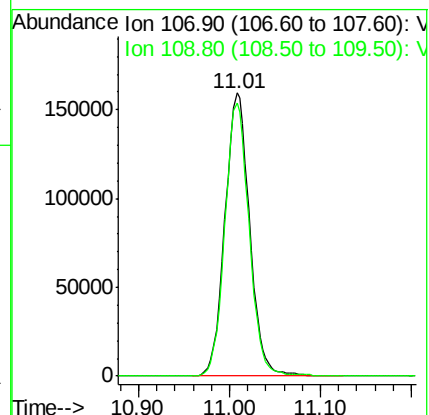
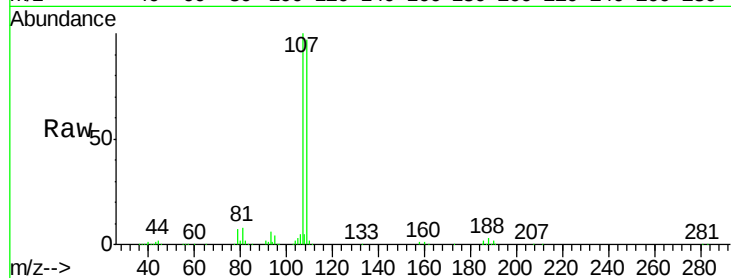
ClientSampled :

Tot Ion: 107 Resp: 301308

Ion Ratio Lower Upper

107 100

109 94.4 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 46.79 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049311.D

Acq: 16 Jun 2018 15:55

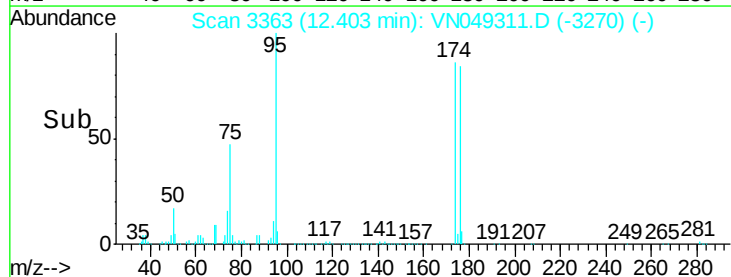
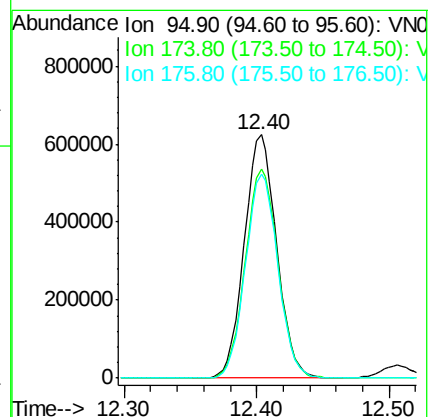
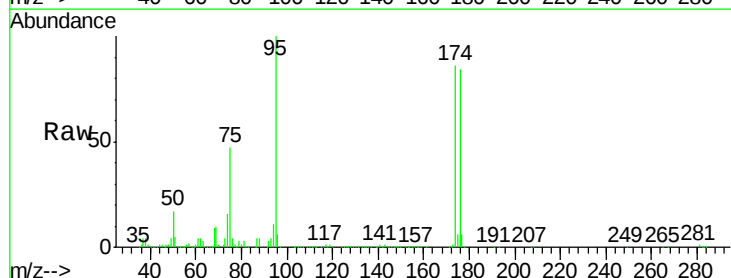
Tgt Ion: 95 Resp: 1055958

Ion Ratio Lower Upper

95 100

174 87.2 0.0 165.6

176 84.1 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: VN049311.D

Acq: 16 Jun 2018 15:55

Instrument :

MSVOA_N

ClientSampled :

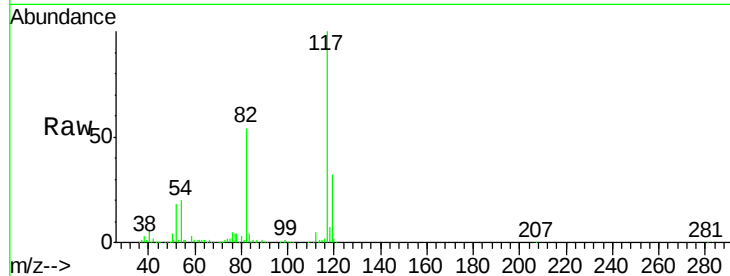
Tot Ion:117 Resp: 1988173

Ion Ratio Lower Upper

117 100

82 53.5 45.9 68.9

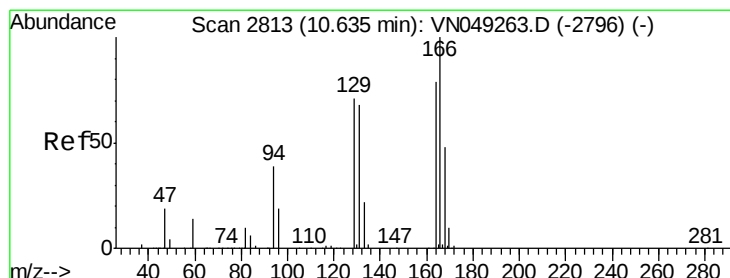
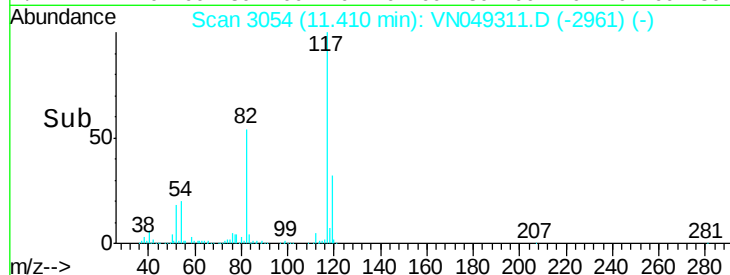
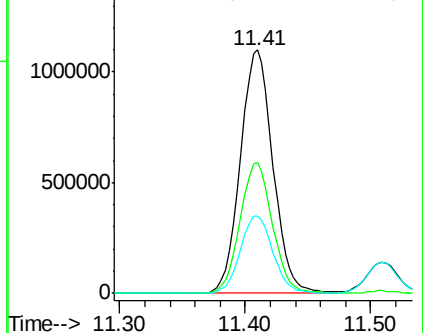
119 31.8 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 21.43 ug/l

RT: 10.63 min Scan# 2812

Delta R.T. -0.00 min

Lab File: VN049311.D

Acq: 16 Jun 2018 15:55

Tgt Ion:164 Resp: 436603

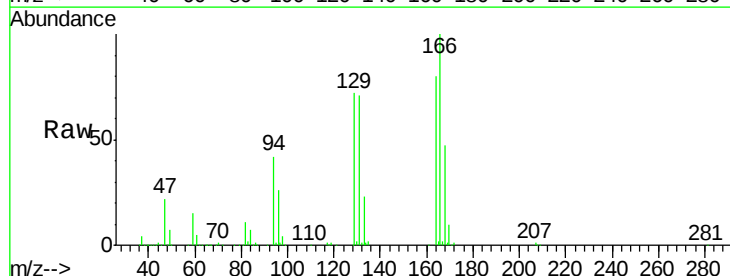
Ion Ratio Lower Upper

164 100

166 125.4 101.4 152.2

129 90.4 74.1 111.1

131 89.0 73.7 110.5

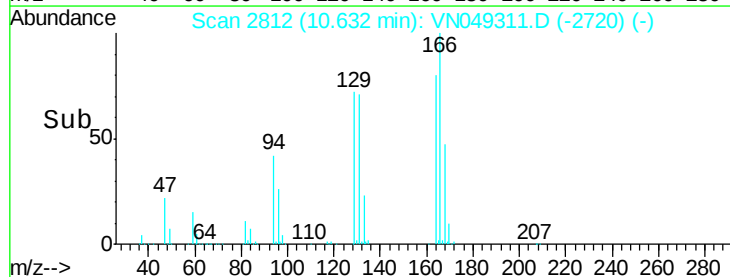
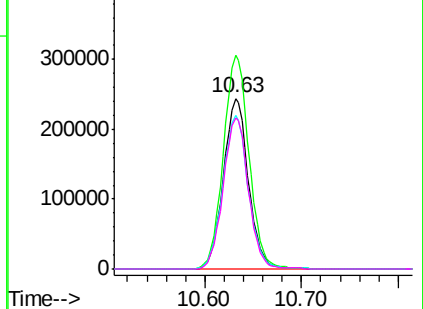


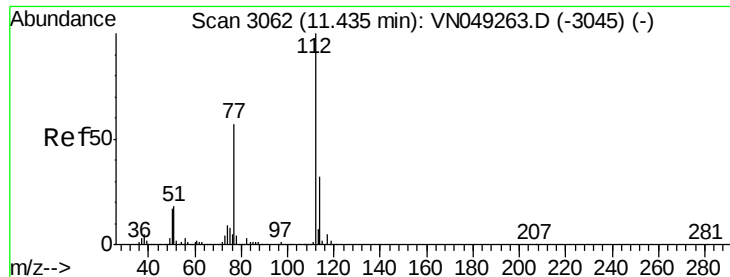
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.34 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049311.D

Acq: 16 Jun 2018 15:55

Instrument :

MSVOA_N

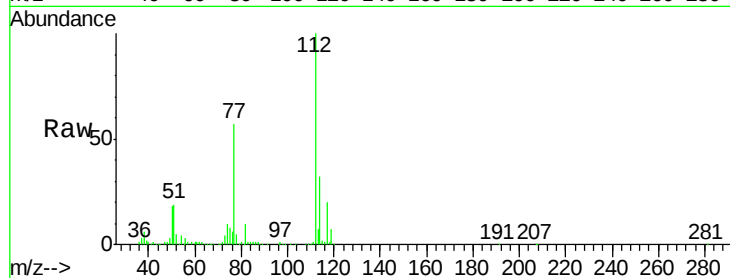
ClientSampleId :

Tot Ion:112 Resp: 990624

Ion Ratio Lower Upper

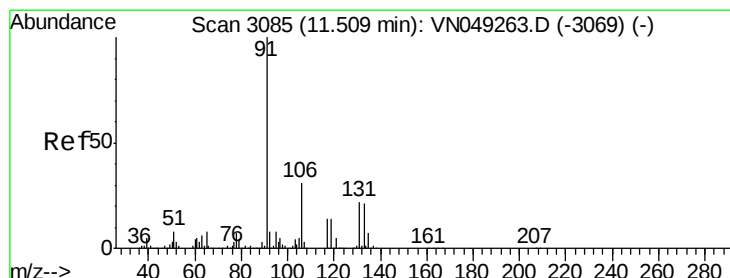
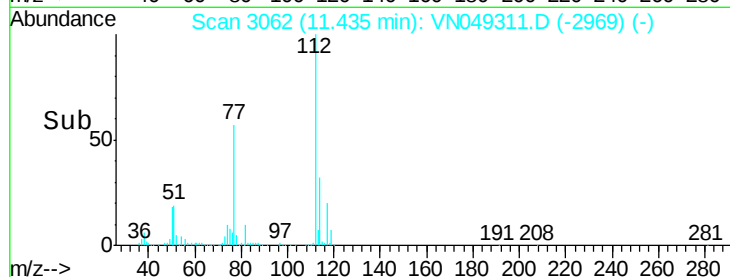
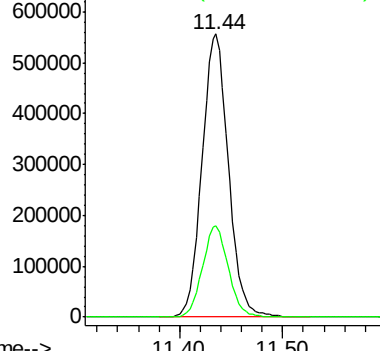
112 100

114 32.3 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.21 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VN049311.D

Acq: 16 Jun 2018 15:55

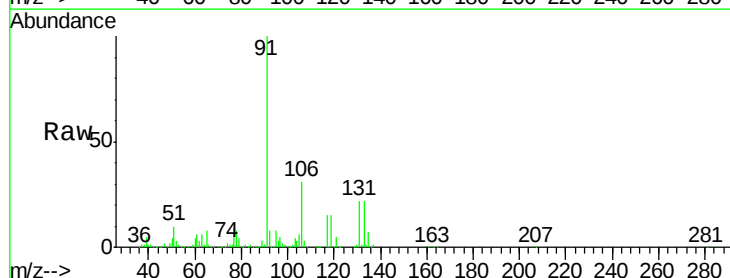
Tgt Ion:131 Resp: 370303

Ion Ratio Lower Upper

131 100

133 96.7 48.0 144.2

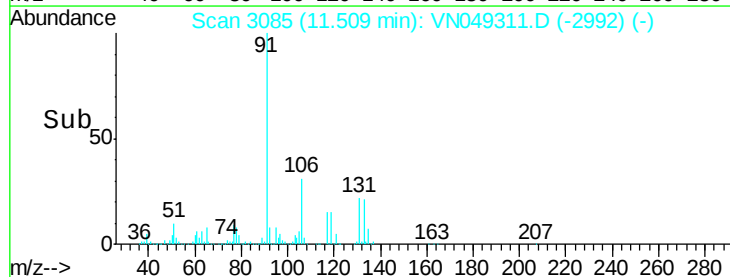
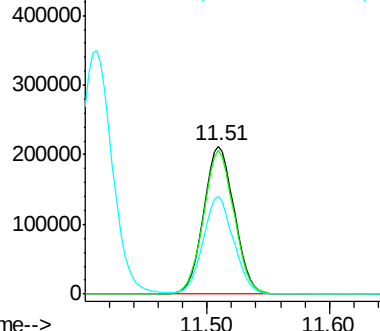
119 65.7 33.6 100.8

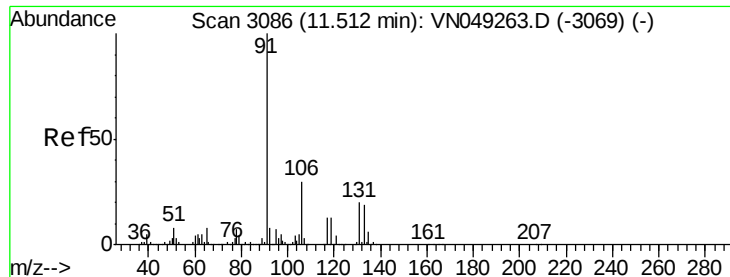


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

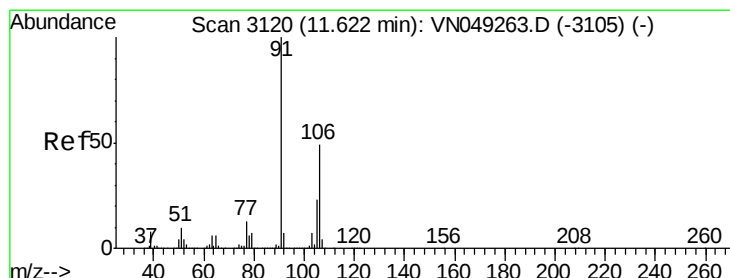
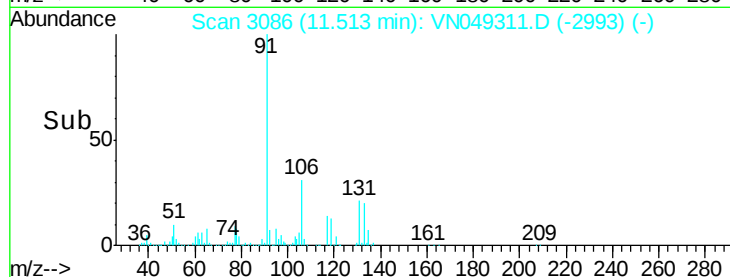
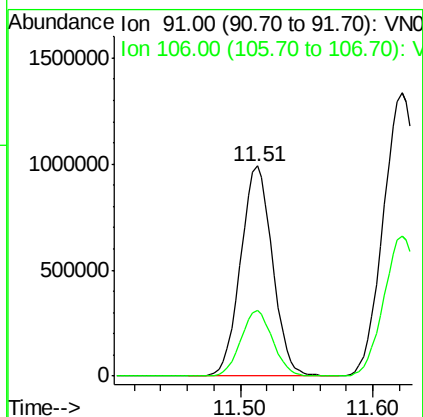
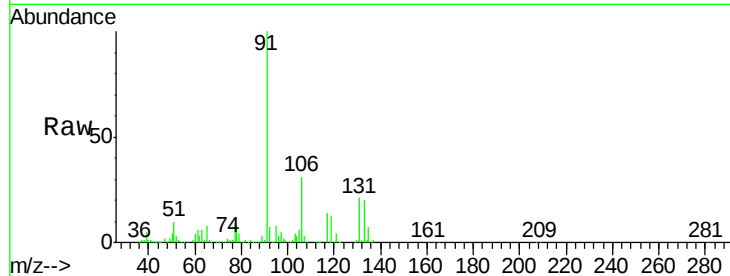




#67
Ethyl Benzene
Concen: 19.46 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049311.D
Acq: 16 Jun 2018 15:55

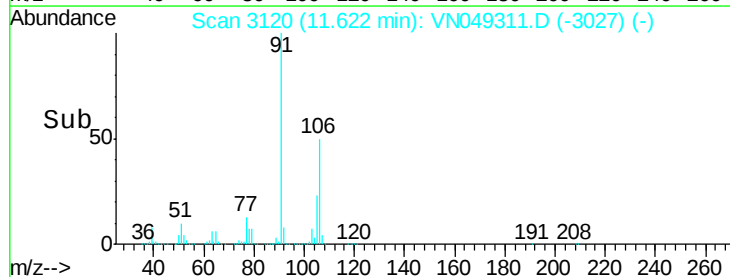
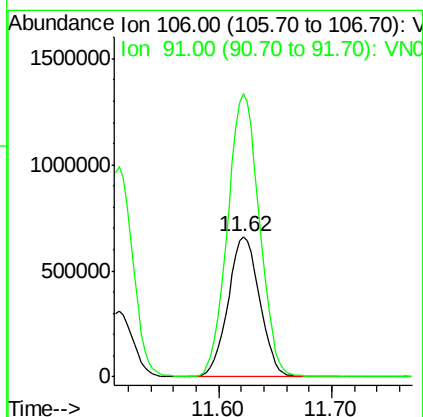
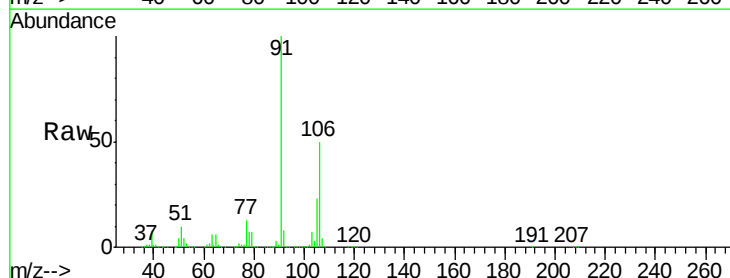
Instrument :
MSVOA_N
ClientSampled :

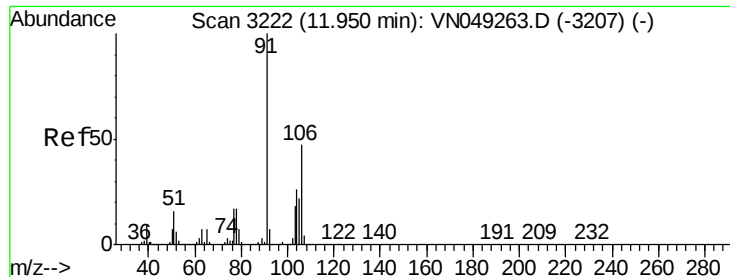
Tot Ion: 91 Resp: 1653604
Ion Ratio Lower Upper
91 100
106 31.2 23.9 35.9



#68
m/p-Xylenes
Concen: 40.29 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN049311.D
Acq: 16 Jun 2018 15:55

Tgt Ion: 106 Resp: 1284369
Ion Ratio Lower Upper
106 100
91 203.2 167.3 250.9

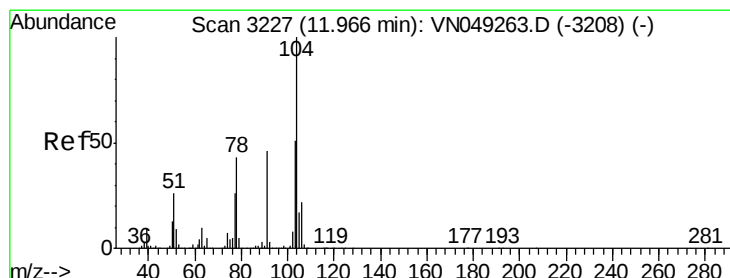
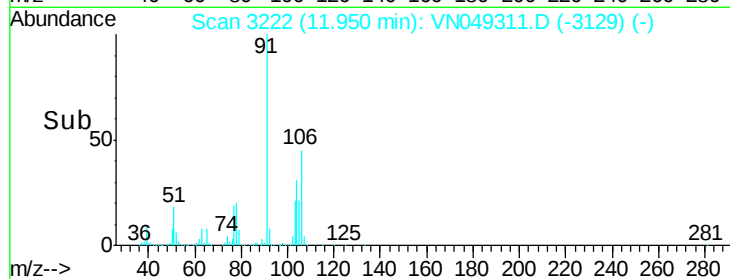
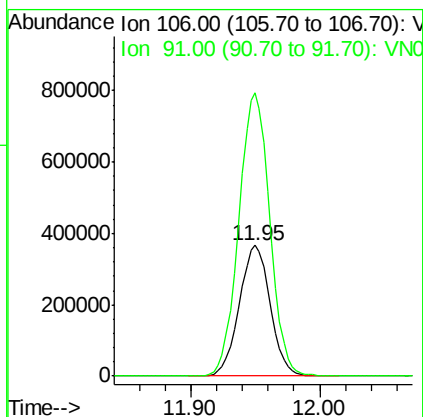
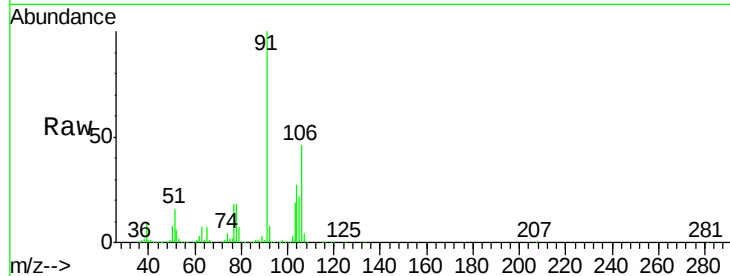




#69
o-Xylene
Concen: 19.86 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049311.D
Acq: 16 Jun 2018 15:55

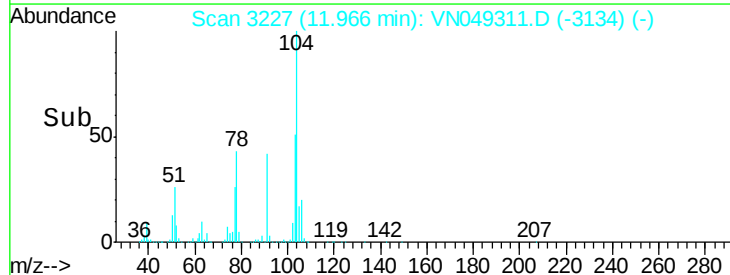
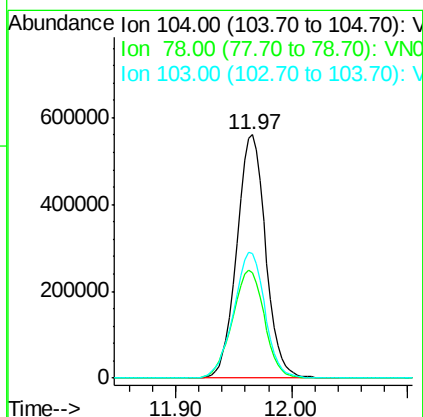
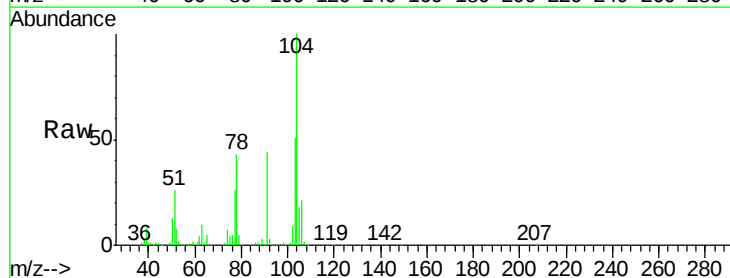
Instrument :
MSVOA_N
ClientSampled :

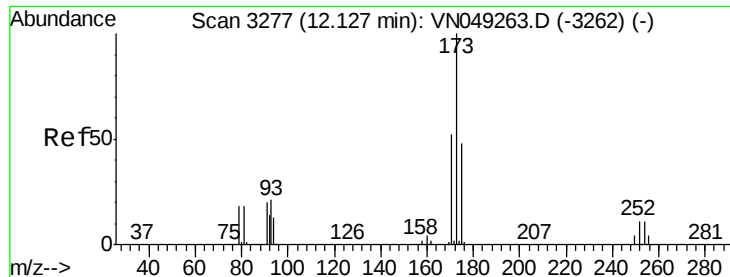
Tot Ion:106 Resp: 609760
Ion Ratio Lower Upper
106 100
91 216.8 111.0 333.0



#70
Styrene
Concen: 19.92 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049311.D
Acq: 16 Jun 2018 15:55

Tgt Ion:104 Resp: 965119
Ion Ratio Lower Upper
104 100
78 49.5 41.6 62.4
103 56.1 45.4 68.2





#71

Bromoform

Concen: 18.65 ug/l

RT: 12.13 min Scan# 3278

Delta R.T. 0.00 min

Lab File: VN049311.D

Acq: 16 Jun 2018 15:55

Instrument :

MSVOA_N

ClientSampleId :

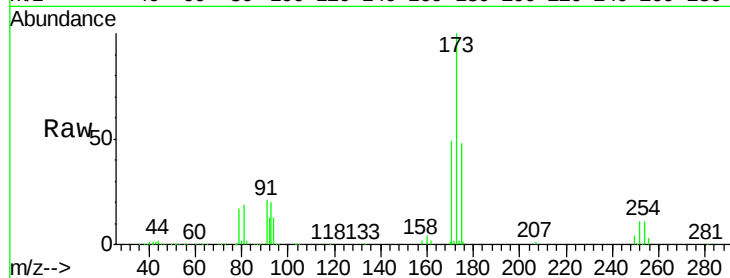
Tot Ion:173 Resp: 232721

Ion Ratio Lower Upper

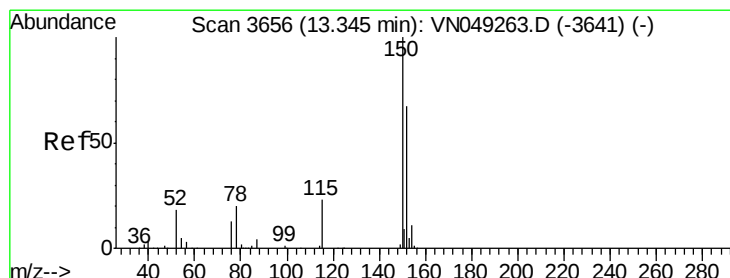
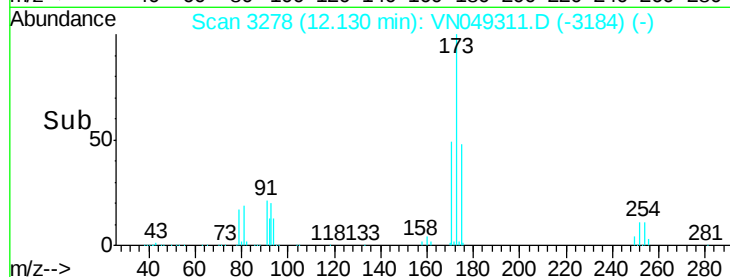
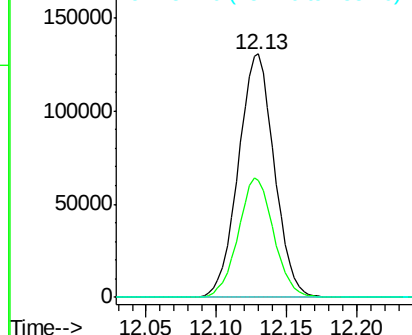
173 100

175 48.3 24.5 73.5

254 0.0 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: VN049311.D

Acq: 16 Jun 2018 15:55

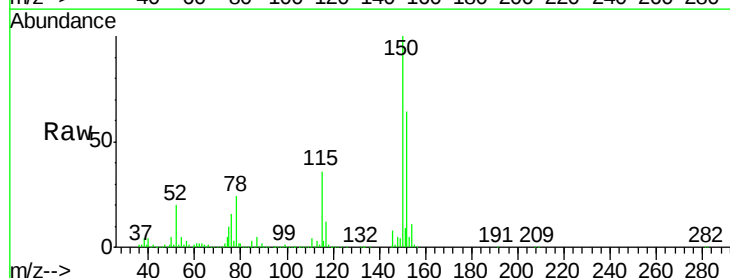
Tgt Ion:152 Resp: 938203

Ion Ratio Lower Upper

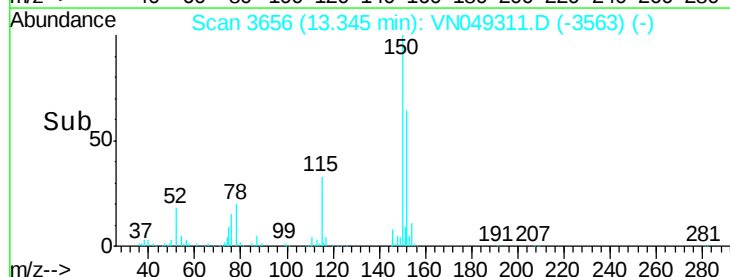
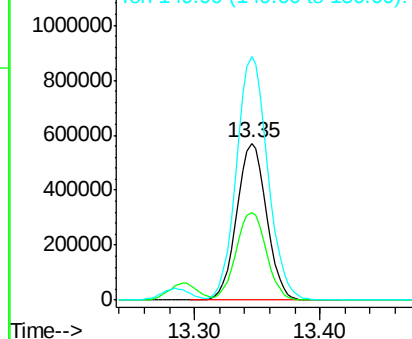
152 100

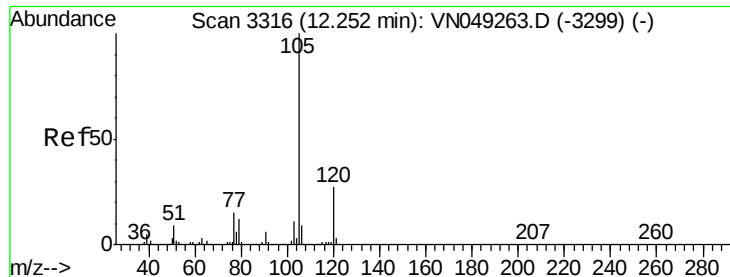
115 57.0 28.7 86.1

150 163.4 0.0 351.0



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





#73

Isopropylbenzene

Concen: 19.95 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN049311.D

Acq: 16 Jun 2018 15:55

Instrument :

MSVOA_N

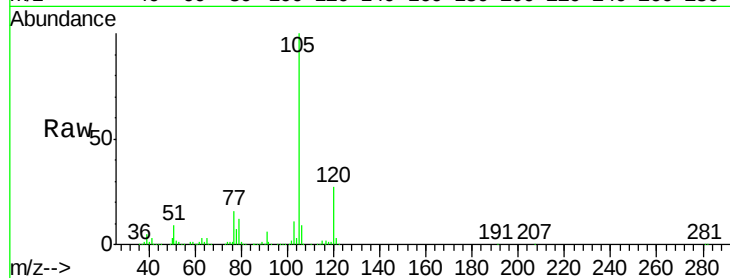
ClientSampleId :

Tot Ion:105 Resp: 1643792

Ion Ratio Lower Upper

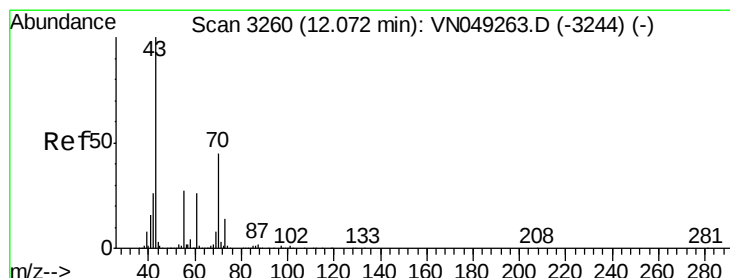
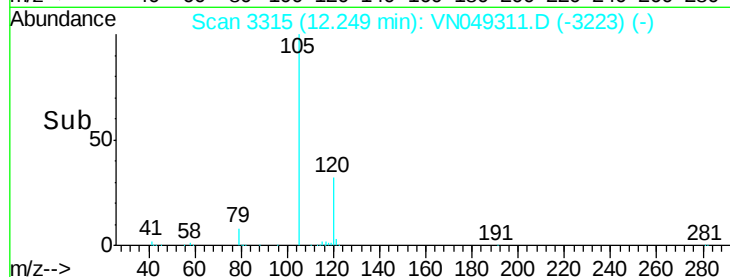
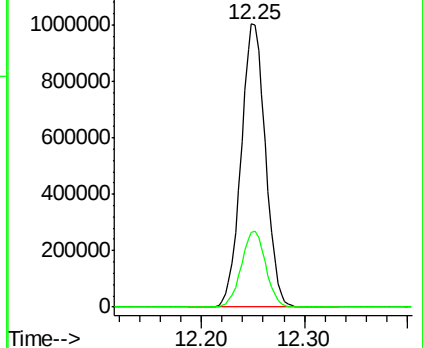
105 100

120 26.9 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: 17.73 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049311.D

Acq: 16 Jun 2018 15:55

Tgt Ion: 43 Resp: 357636

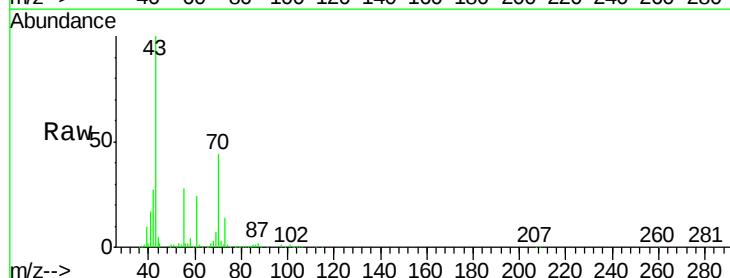
Ion Ratio Lower Upper

43 100

70 43.0 30.3 45.5

55 26.6 19.4 29.2

61 24.4 17.8 26.6

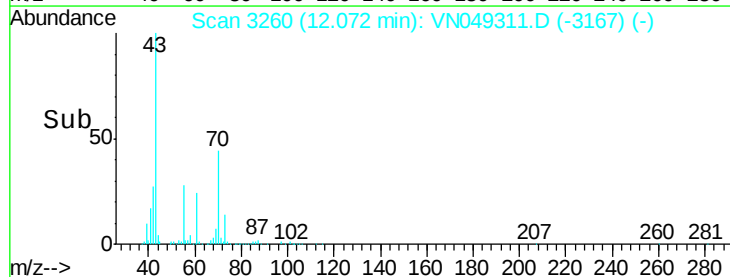
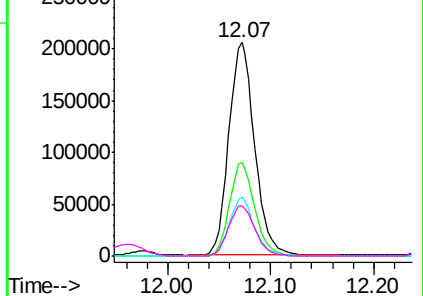


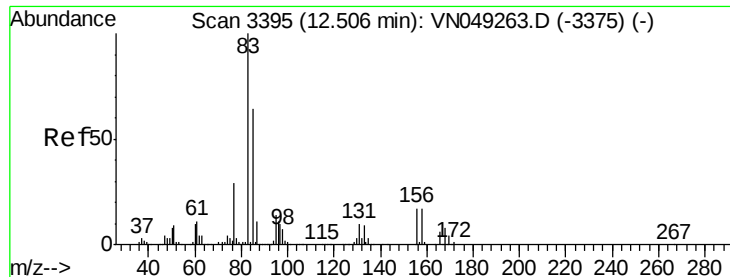
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.66 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049311.D

Acq: 16 Jun 2018 15:55

Instrument :

MSVOA_N

ClientSampled :

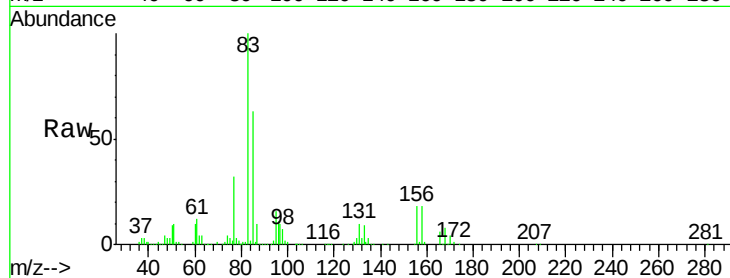
Tot Ion: 83 Resp: 356212

Ion Ratio Lower Upper

83 100

131 10.3 5.0 15.0

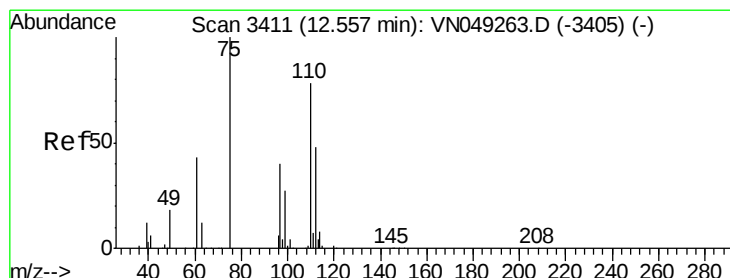
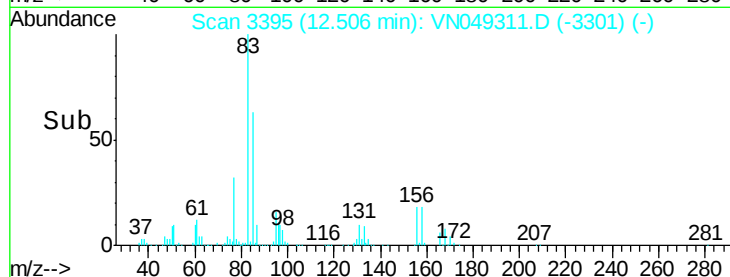
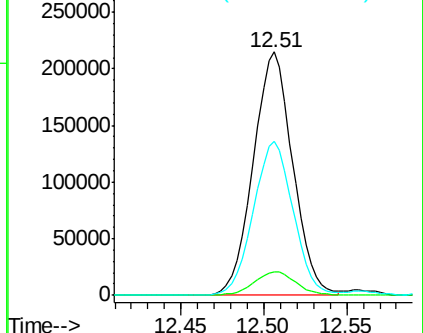
85 63.5 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 130.80 (130.50 to 131.50): VNC

Ion 84.90 (84.60 to 85.60): VNC



#76

1,2,3-Trichloropropane

Concen: 28.09 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN049311.D

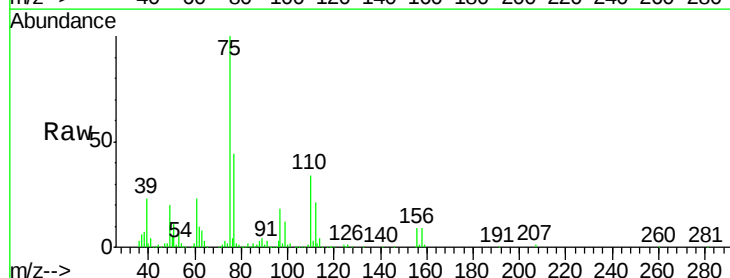
Acq: 16 Jun 2018 15:55

Tgt Ion: 75 Resp: 449595

Ion Ratio Lower Upper

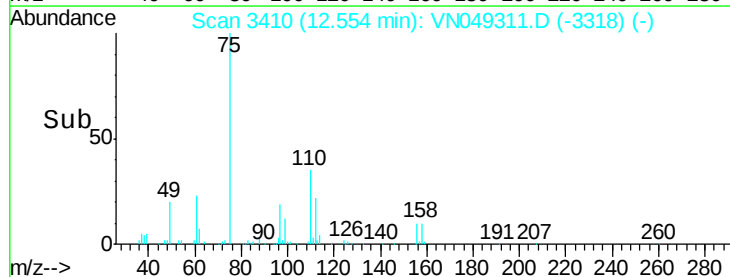
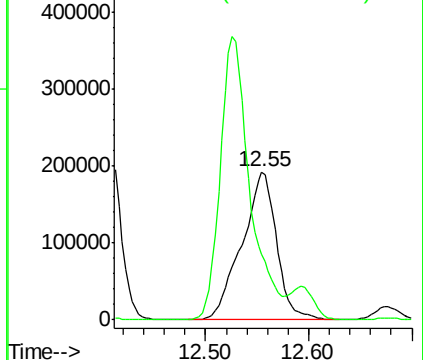
75 100

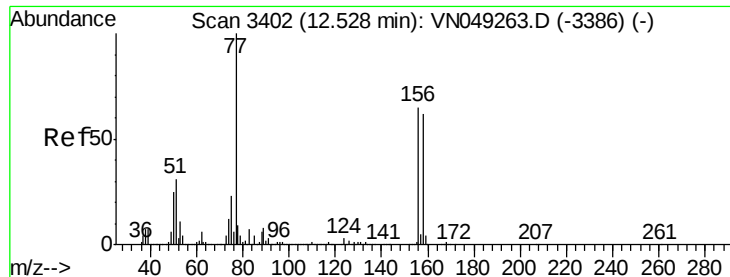
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC





#77

Bromobenzene

Concen: 18.49 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN049311.D

Acq: 16 Jun 2018 15:55

Instrument :

MSVOA_N

ClientSampleId :

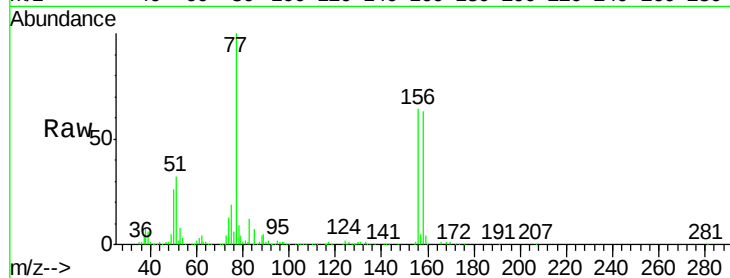
Tot Ion:156 Resp: 402253

Ion Ratio Lower Upper

156 100

77 184.3 100.8 302.4

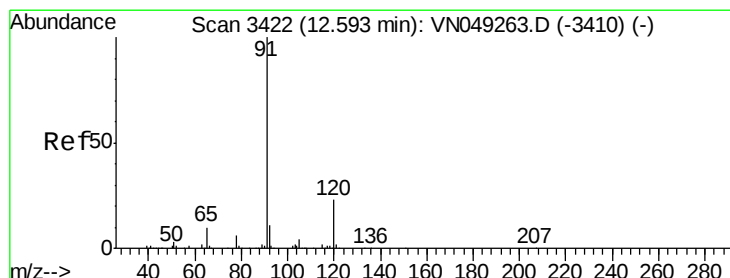
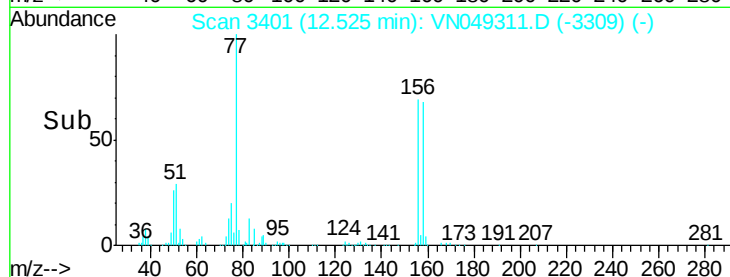
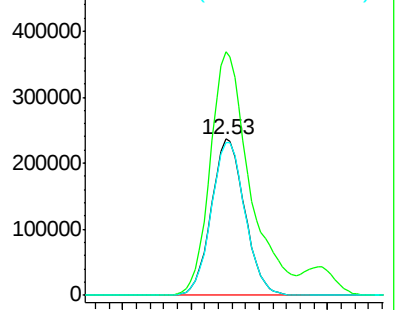
158 99.1 49.3 147.9



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: 20.37 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049311.D

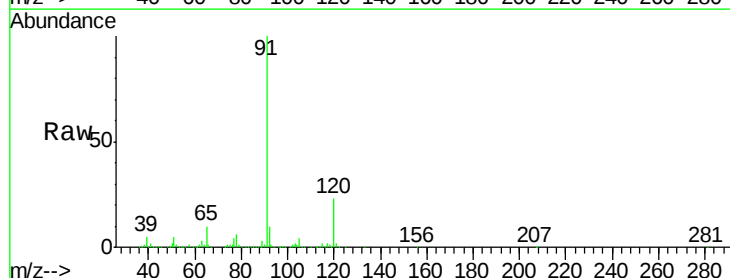
Acq: 16 Jun 2018 15:55

Tgt Ion: 91 Resp: 1842766

Ion Ratio Lower Upper

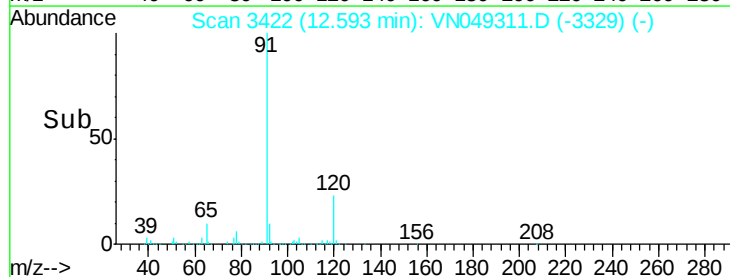
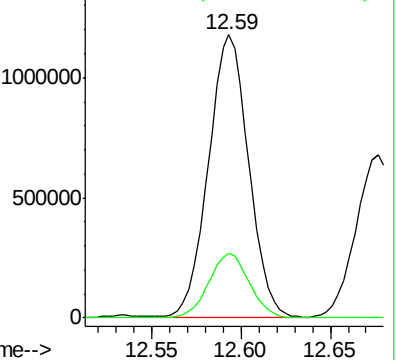
91 100

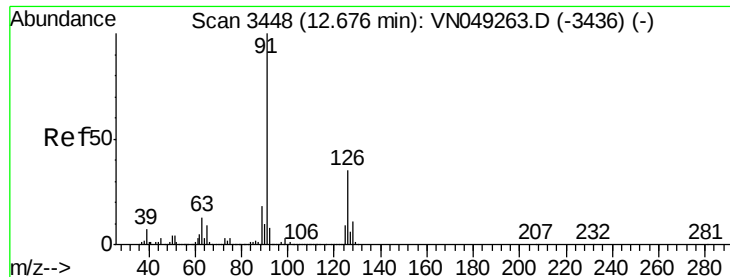
120 23.1 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.66 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049311.D

Acq: 16 Jun 2018 15:55

Instrument :

MSVOA_N

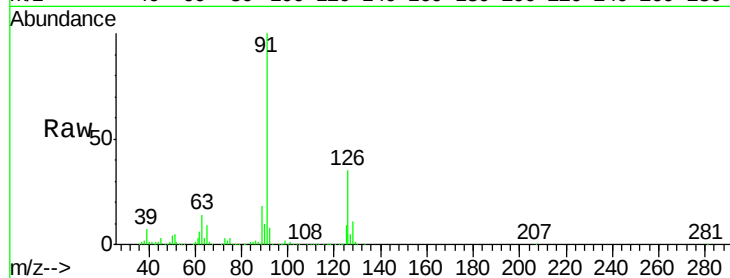
ClientSampled :

Tot Ion: 91 Resp: 1126945

Ion Ratio Lower Upper

91 100

126 35.5 16.6 49.8



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

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

800000

600000

400000

200000

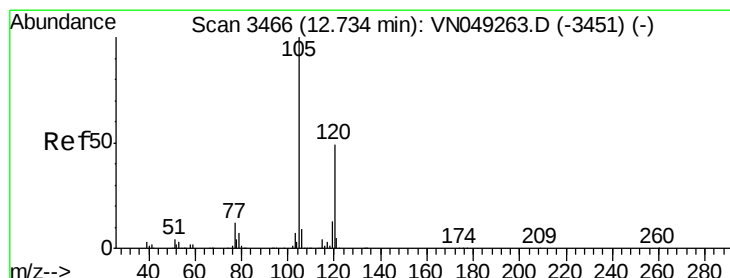
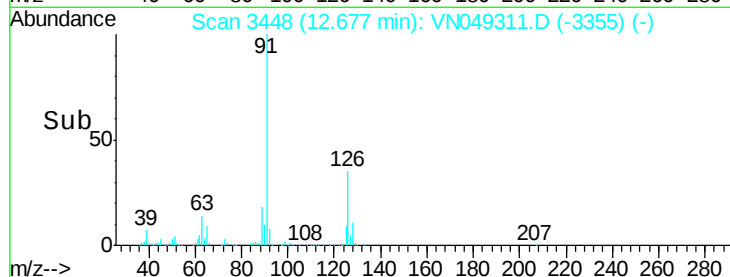
0

12.65

12.68

12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.59 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049311.D

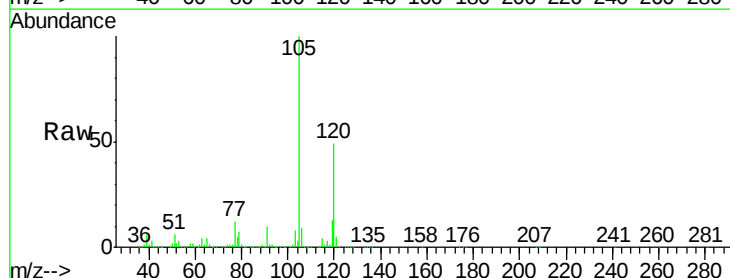
Acq: 16 Jun 2018 15:55

Tgt Ion:105 Resp: 1333152

Ion Ratio Lower Upper

105 100

120 49.1 23.5 70.5



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

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

1000000

800000

600000

400000

200000

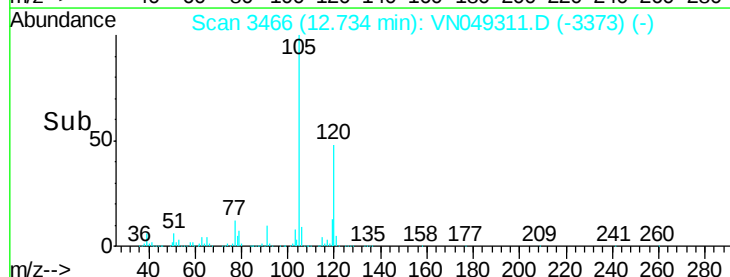
0

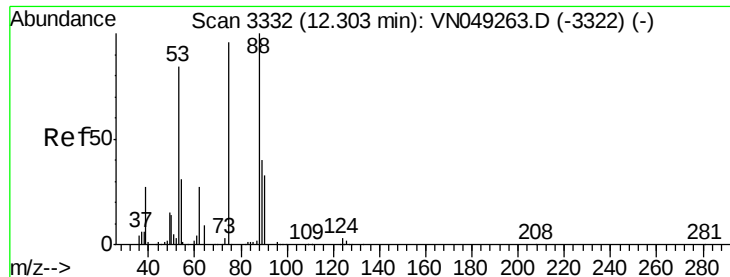
12.70

12.73

12.80

Time-->

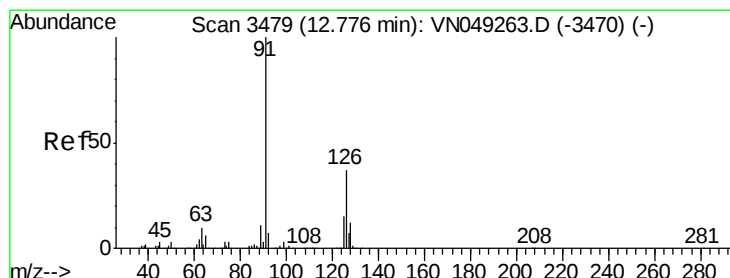
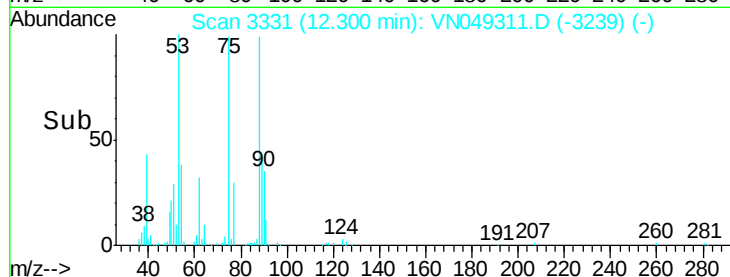
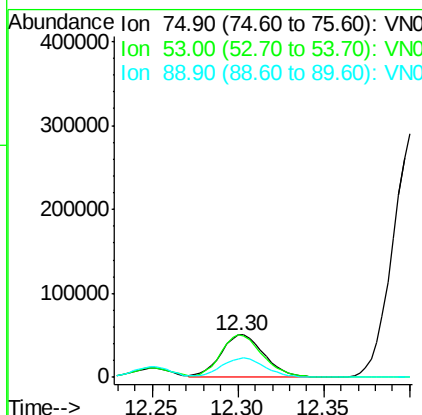
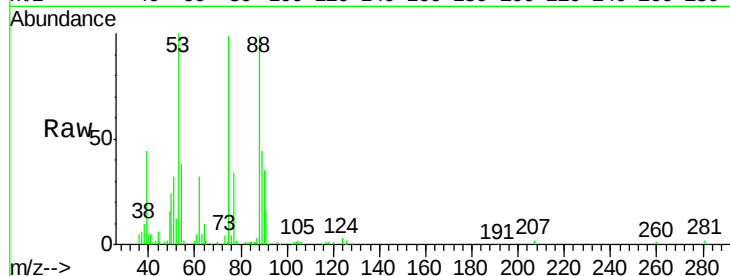




#81
trans-1,4-Dichloro-2-butene
Concen: 17.66 ug/l
RT: 12.30 min Scan# 3331
Delta R.T. -0.00 min
Lab File: VN049311.D
Acq: 16 Jun 2018 15:55

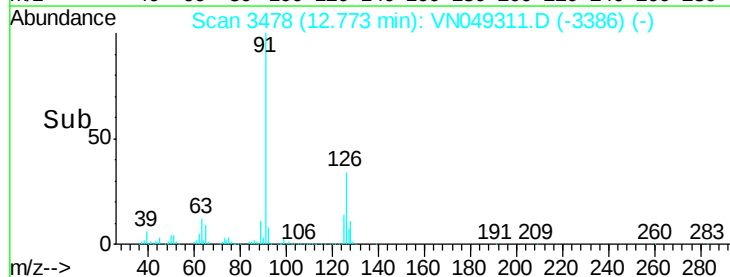
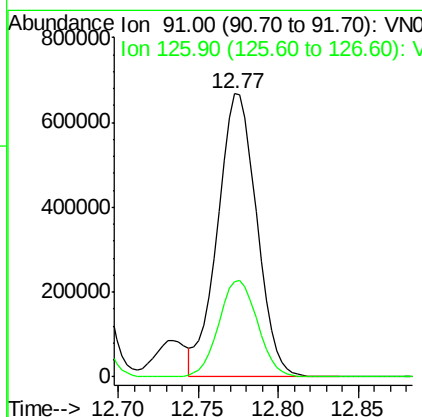
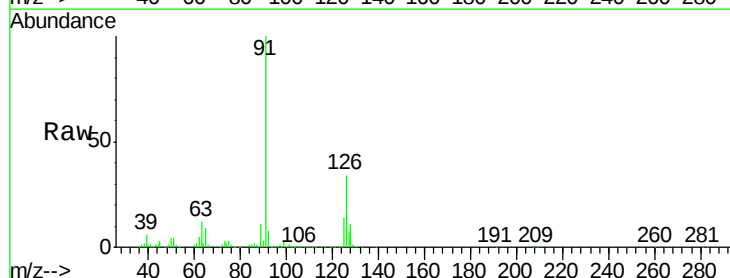
Instrument :
MSVOA_N
ClientSampleId :

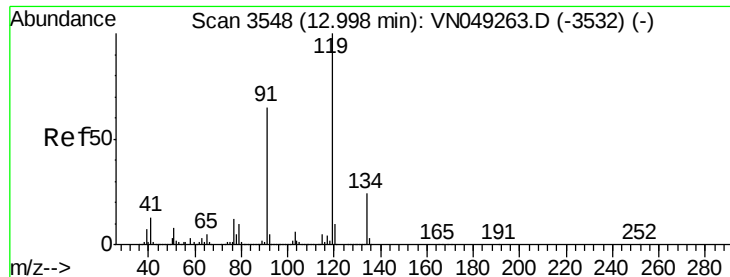
Tot Ion: 75 Resp: 89431
Ion Ratio Lower Upper
75 100
53 97.2 82.7 124.1
89 47.1 36.5 54.7



#82
4-Chlorotoluene
Concen: 20.21 ug/l
RT: 12.77 min Scan# 3478
Delta R.T. -0.00 min
Lab File: VN049311.D
Acq: 16 Jun 2018 15:55

Tgt Ion: 91 Resp: 1117255
Ion Ratio Lower Upper
91 100
126 33.9 16.4 49.1





#83

tert-Butylbenzene

Concen: 19.72 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN049311.D

Acq: 16 Jun 2018 15:55

Instrument :

MSVOA_N

ClientSampleId :

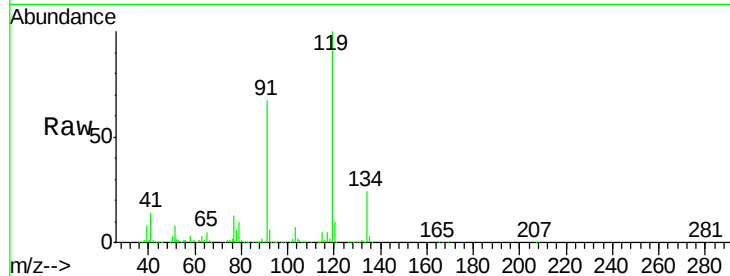
Tot Ion:119 Resp: 1131070

Ion Ratio Lower Upper

119 100

91 65.3 33.7 101.0

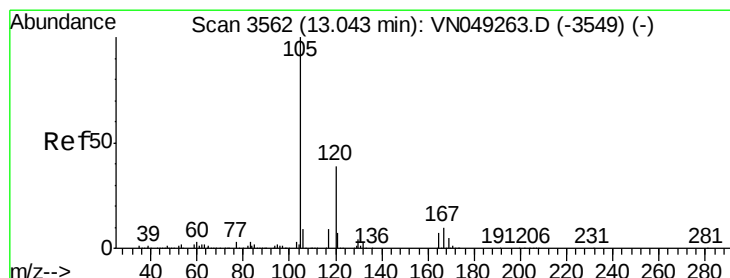
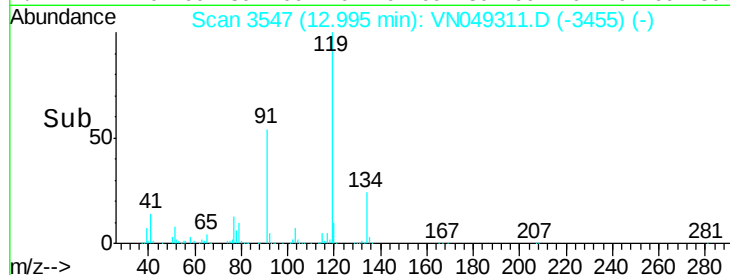
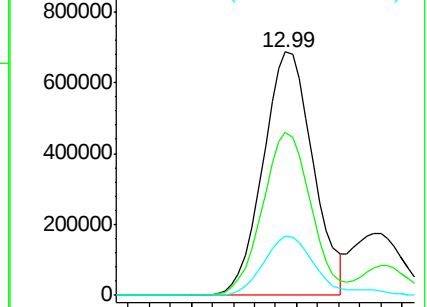
134 26.0 12.9 38.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.78 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049311.D

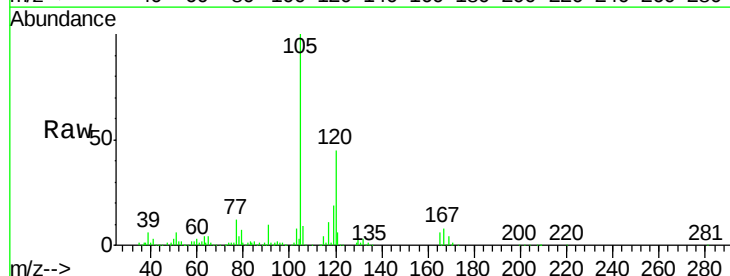
Acq: 16 Jun 2018 15:55

Tgt Ion:105 Resp: 1336447

Ion Ratio Lower Upper

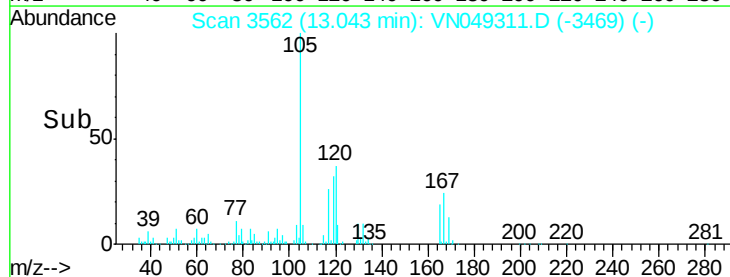
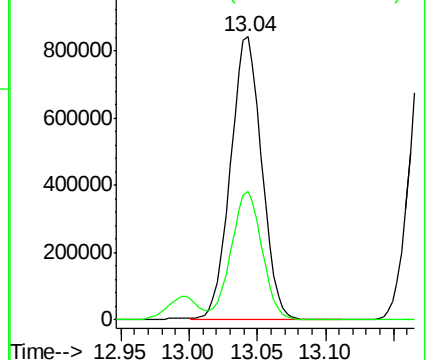
105 100

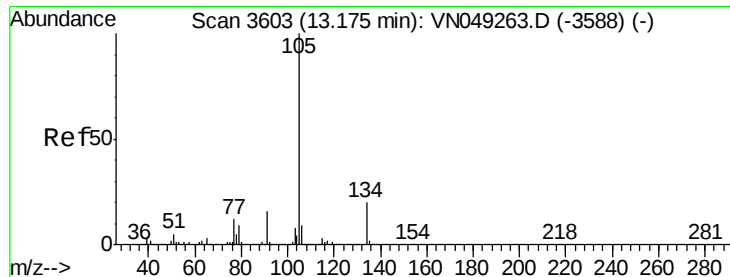
120 44.7 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.93 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049311.D

Acq: 16 Jun 2018 15:55

Instrument :

MSVOA_N

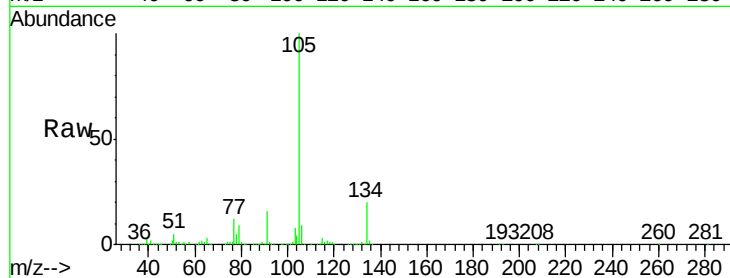
ClientSampleId :

Tot Ion:105 Resp: 1521313

Ion Ratio Lower Upper

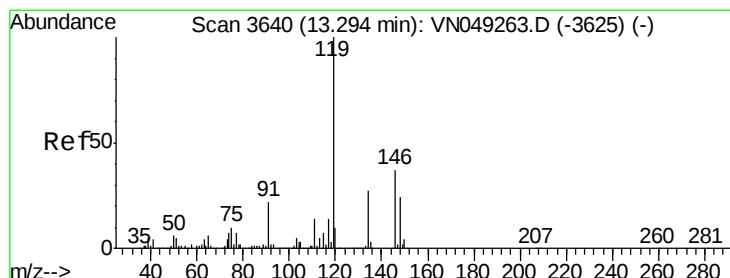
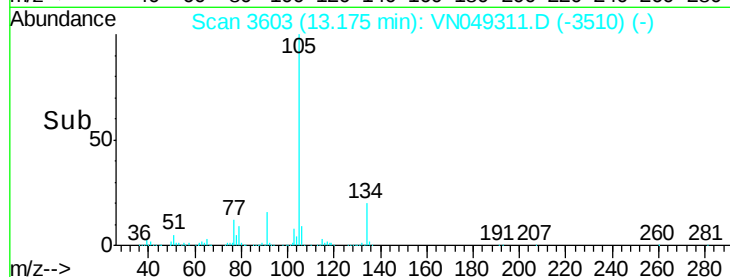
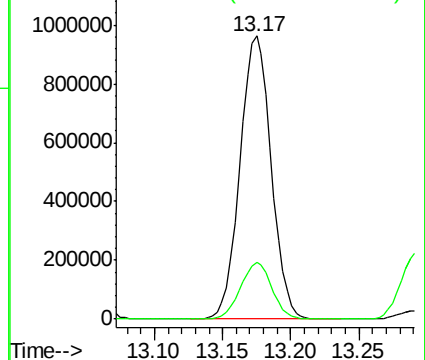
105 100

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: 20.08 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN049311.D

Acq: 16 Jun 2018 15:55

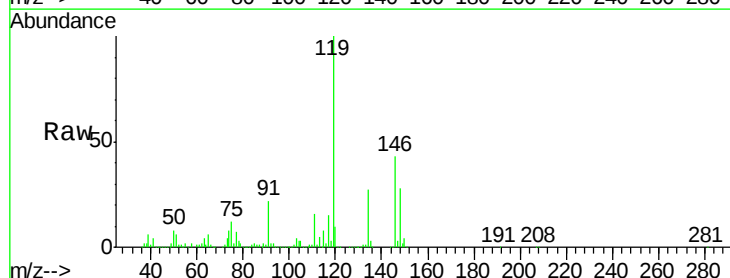
Tgt Ion:119 Resp: 1281063

Ion Ratio Lower Upper

119 100

134 26.8 12.9 38.6

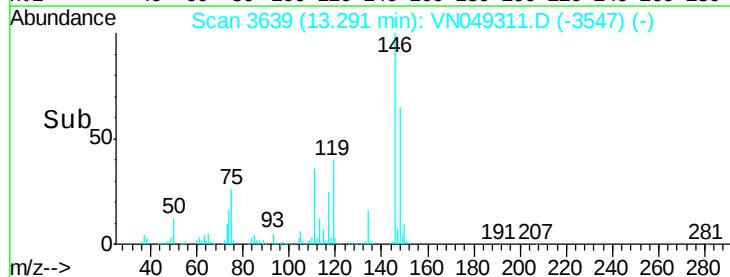
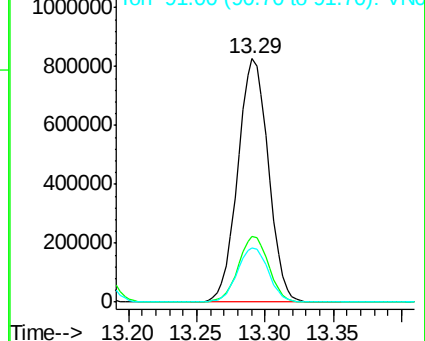
91 22.7 12.1 36.3

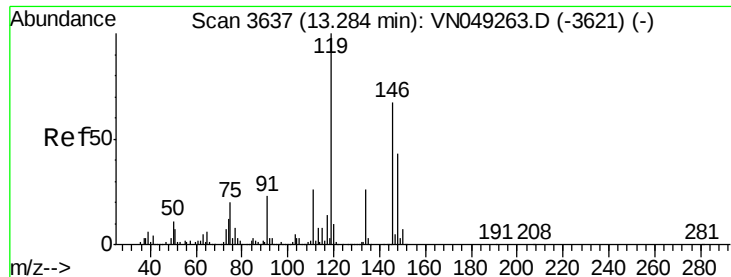


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

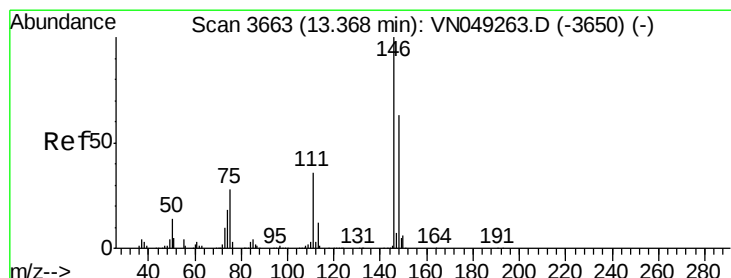
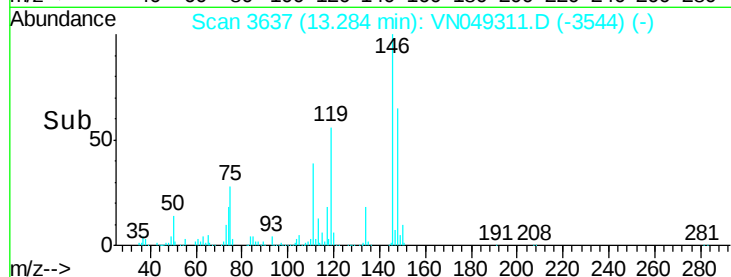
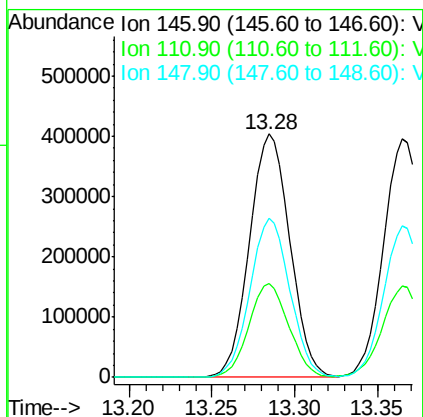
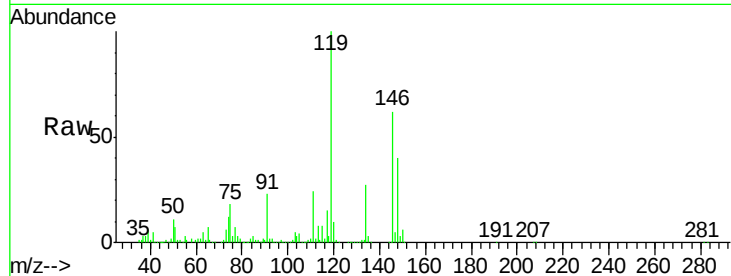




#87
 1,3-Dichlorobenzene
 Concen: 19.13 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049311.D
 Acq: 16 Jun 2018 15:55

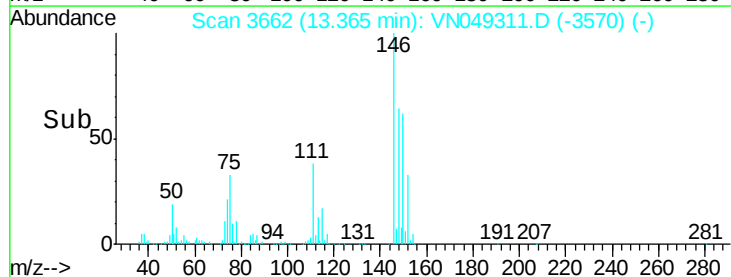
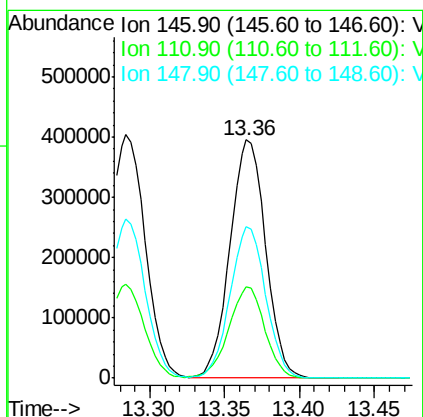
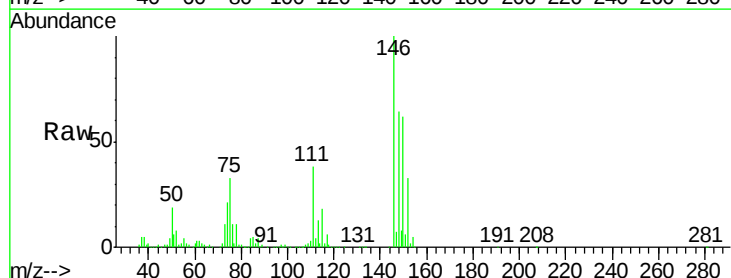
Instrument :
 MSVOA_N
 ClientSampled :

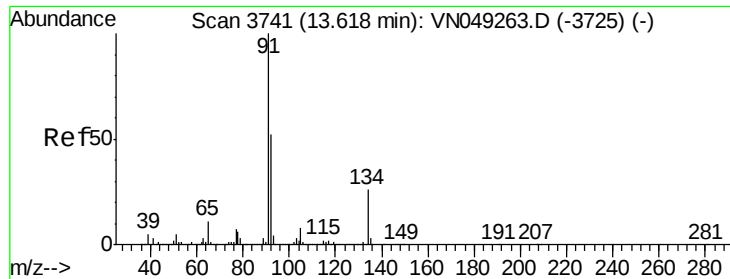
Tot Ion:146 Resp: 684632
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.9 59.6
 148 64.4 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 18.52 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN049311.D
 Acq: 16 Jun 2018 15:55

Tgt Ion:146 Resp: 657031
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.1 57.1
 148 63.5 32.0 96.2

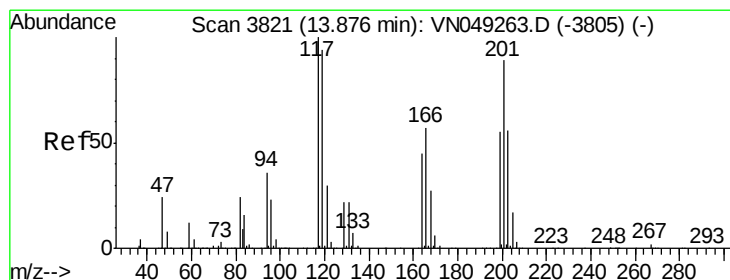
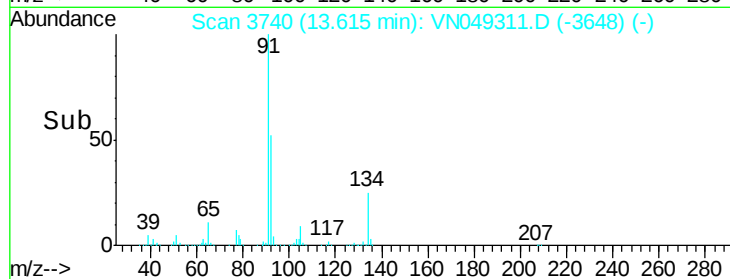
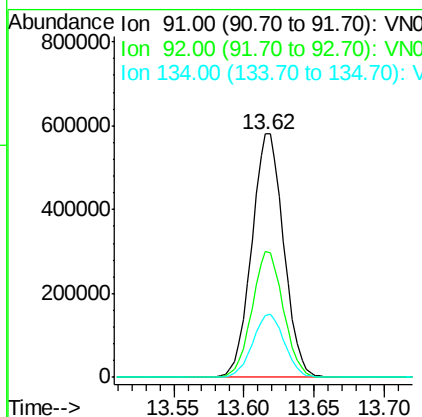
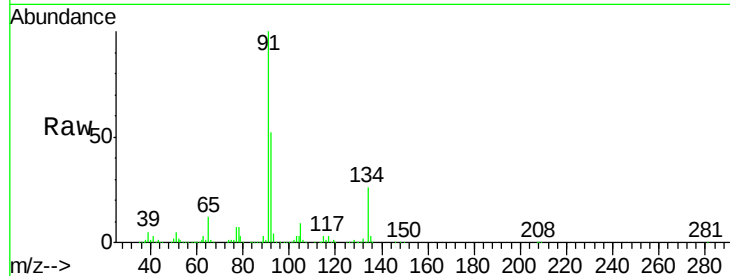




#89
n-Butylbenzene
Concen: 18.45 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN049311.D
Acq: 16 Jun 2018 15:55

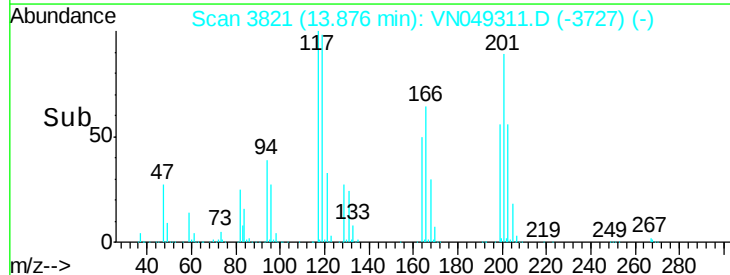
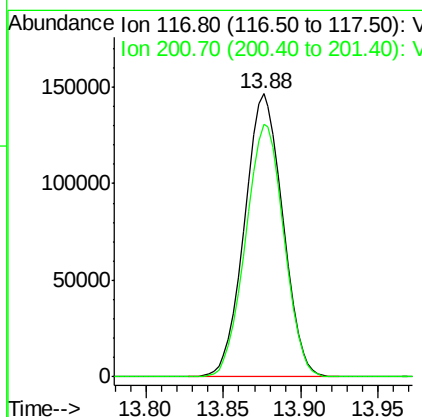
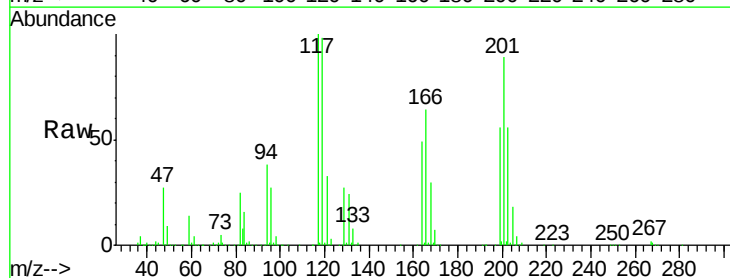
Instrument :
MSVOA_N
ClientSampleId :

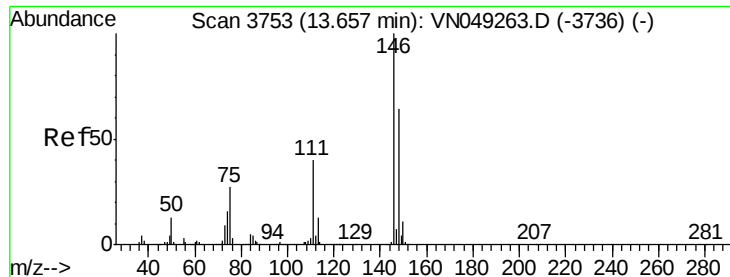
Tot Ion	91	Resp	919187
Ion	Ratio	Lower	Upper
91	100		
92	50.9	25.1	75.4
134	25.8	12.0	36.0



#90
Hexachloroethane
Concen: 19.81 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049311.D
Acq: 16 Jun 2018 15:55

Tgt Ion	117	Resp	251519
Ion	Ratio	Lower	Upper
117	100		
201	89.5	40.1	120.2





#91

1,2-Dichlorobenzene

Concen: 19.06 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. -0.00 min

Lab File: VN049311.D

Acq: 16 Jun 2018 15:55

Instrument :

MSVOA_N

ClientSampled :

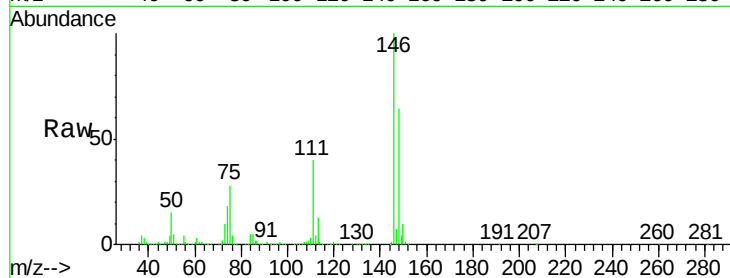
Tot Ion:146 Resp: 669169

Ion Ratio Lower Upper

146 100

111 40.5 20.8 62.2

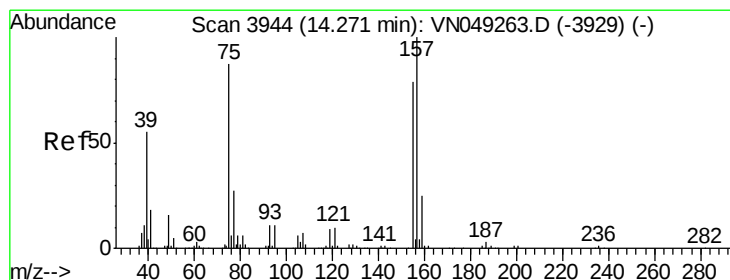
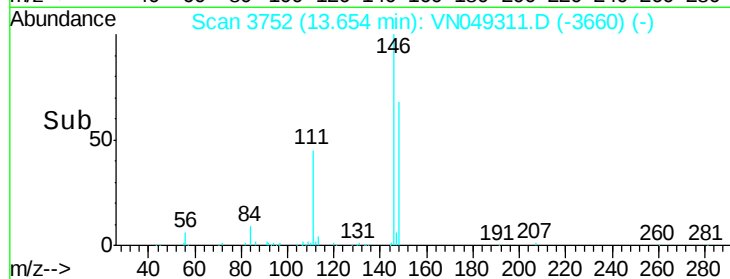
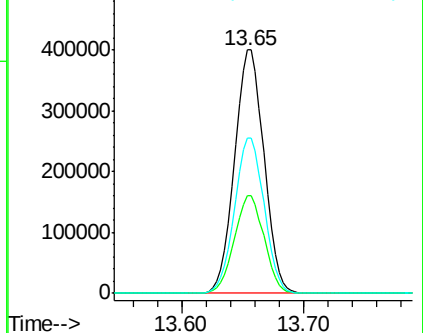
148 64.0 32.0 96.2



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: 16.93 ug/l

RT: 14.27 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VN049311.D

Acq: 16 Jun 2018 15:55

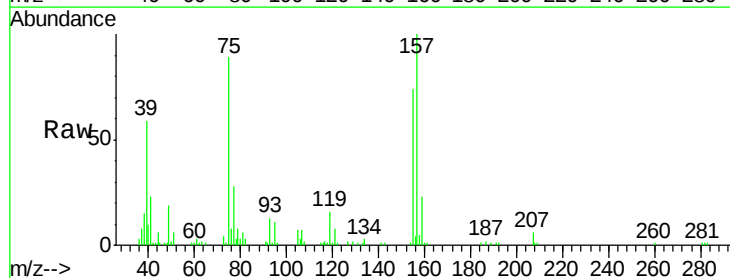
Tgt Ion: 75 Resp: 48551

Ion Ratio Lower Upper

75 100

155 90.0 38.8 116.3

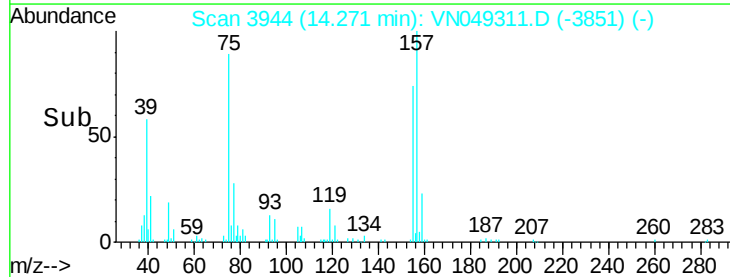
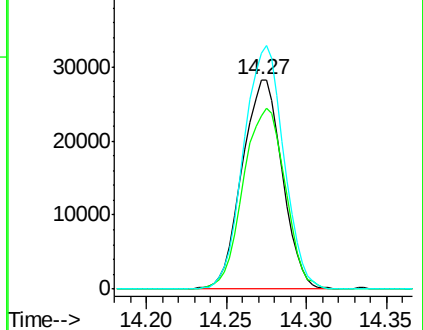
157 115.4 51.0 153.1



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

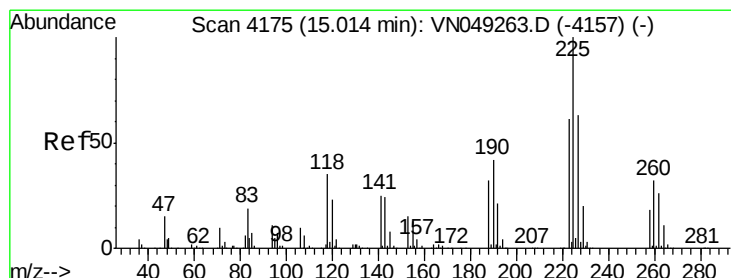
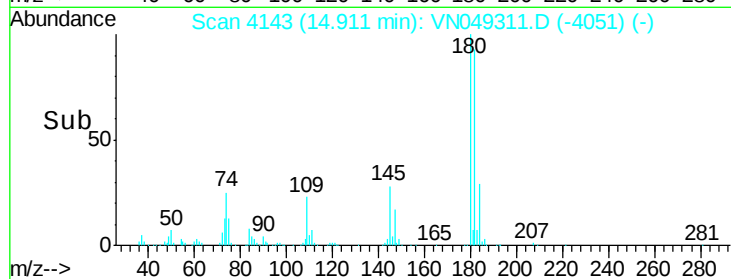
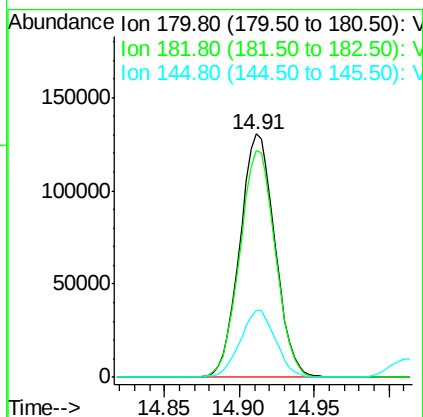
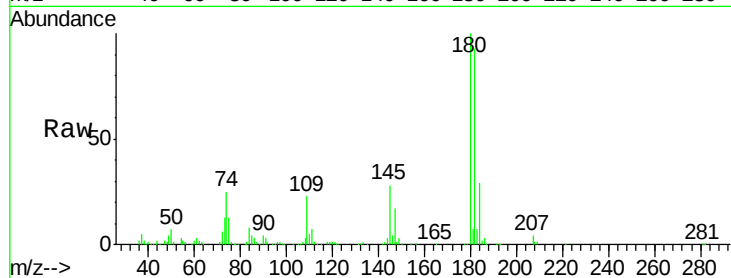




#93
 1,2,4-Trichlorobenzene
 Concen: 16.74 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049311.D
 Acq: 16 Jun 2018 15:55

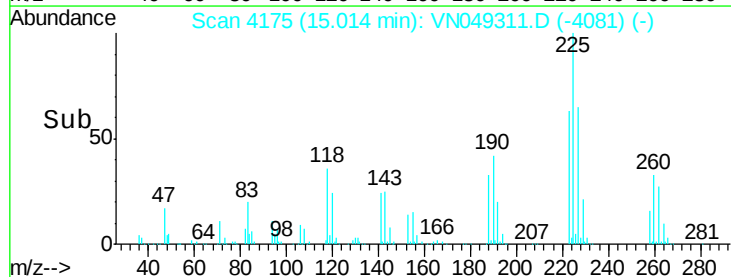
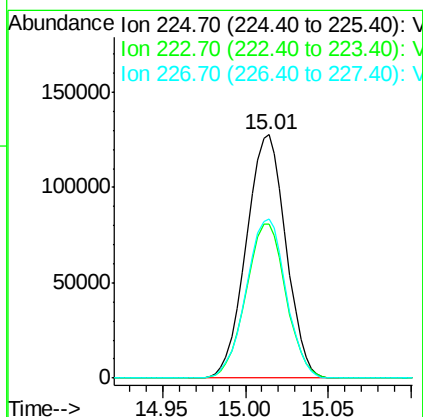
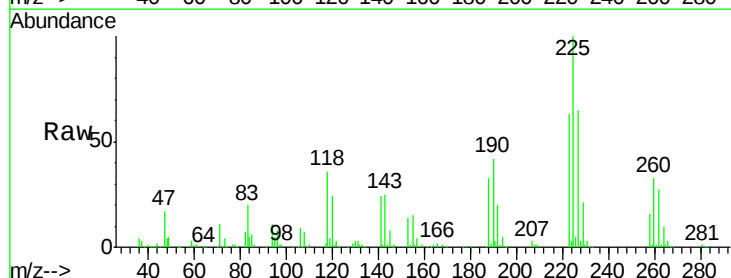
Instrument :
 MSVOA_N
 ClientSampleId :

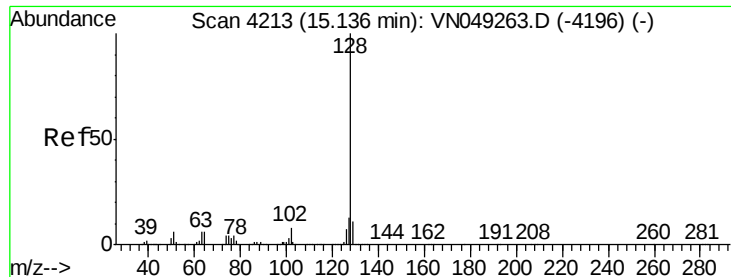
Tot Ion:180 Resp: 213248
 Ion Ratio Lower Upper
 180 100
 182 94.3 46.9 140.8
 145 27.8 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 18.96 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049311.D
 Acq: 16 Jun 2018 15:55

Tgt Ion:225 Resp: 212037
 Ion Ratio Lower Upper
 225 100
 223 64.1 32.1 96.3
 227 65.8 31.8 95.3

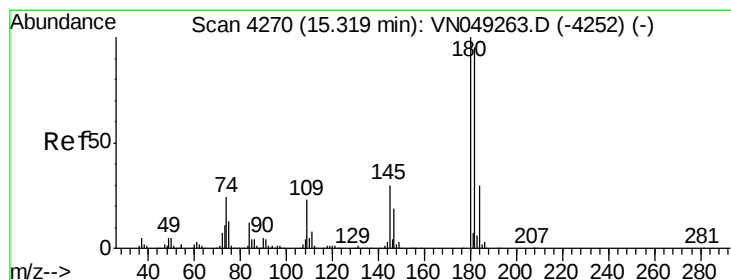
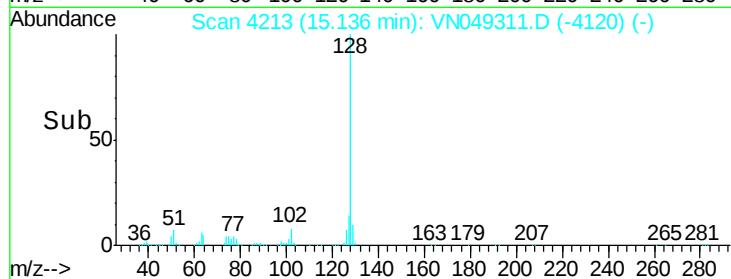
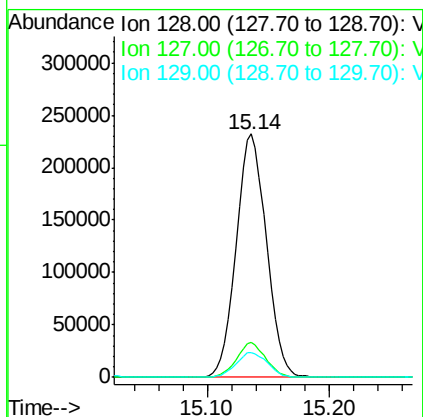
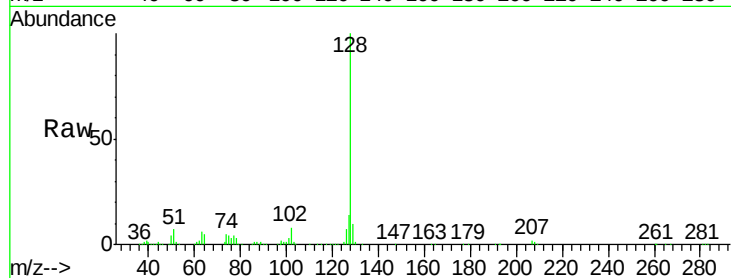




#95
Naphthalene
Concen: 16.73 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049311.D
Acq: 16 Jun 2018 15:55

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 397585
Ion Ratio Lower Upper
128 100
127 13.6 10.6 16.0
129 10.6 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 17.28 ug/l
RT: 15.32 min Scan# 4270
Delta R.T. 0.00 min
Lab File: VN049311.D
Acq: 16 Jun 2018 15:55

Tgt Ion:180 Resp: 233498
Ion Ratio Lower Upper
180 100
182 96.0 47.3 141.8
145 30.6 15.6 46.7

