

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049611.D
 Acq On : 29 Jun 2018 1:17
 Operator : MD\SY
 Sample : VN0628WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 29 04:20:20 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	1399985	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2135037	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1882985	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	972018	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	921123	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
35) Dibromofluoromethane	7.59	113	808225	46.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.58%	
50) Toluene-d8	10.09	98	3118514	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
62) 4-Bromofluorobenzene	12.40	95	1031066	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.85	85	328514	20.39	ug/l	100
3) Chloromethane	2.05	50	382734	18.39	ug/l	97
4) Vinyl Chloride	2.18	62	421915	19.08	ug/l	99
5) Bromomethane	2.56	94	203269	17.49	ug/l	99
6) Chloroethane	2.70	64	259732	19.70	ug/l	100
7) Trichlorofluoromethane	3.02	101	449336	16.29	ug/l	98
8) Diethyl Ether	3.41	74	181656	18.86	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.75	101	333461	19.06	ug/l	92
10) Methyl Iodide	3.95	142	431430	23.69	ug/l	92
11) Tert butyl alcohol	4.79	59	94185	86.42	ug/l	99
12) 1,1-Dichloroethene	3.73	96	306567	19.10	ug/l	90
13) Acrolein	3.61	56	101544	88.85	ug/l	97
14) Allyl chloride	4.32	41	430669	16.99	ug/l	90
15) Acrylonitrile	4.99	53	494309	90.71	ug/l	99
16) Acetone	3.82	43	376389	83.48	ug/l	92
17) Carbon Disulfide	4.05	76	888100	17.65	ug/l	100
18) Methyl Acetate	4.33	43	402238	29.26	ug/l	95
19) Methyl tert-butyl Ether	5.04	73	797254	19.48	ug/l	100
20) Methylene Chloride	4.55	84	349601	18.57	ug/l	92
21) trans-1,2-Dichloroethene	5.04	96	318233	18.73	ug/l	90
22) Diisopropyl ether	5.95	45	1012662	20.01	ug/l	96
23) Vinyl Acetate	5.90	43	3136750	95.07	ug/l	96
24) 1,1-Dichloroethane	5.85	63	622431	19.21	ug/l	98
25) 2-Butanone	6.84	43	526874	87.03	ug/l	96
26) 2,2-Dichloropropane	6.82	77	396929	15.17	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	366332	19.39	ug/l	89
28) Bromochloromethane	7.19	49	263848	18.37	ug/l	84
29) Tetrahydrofuran	7.21	42	359432	92.24	ug/l	94
30) Chloroform	7.37	83	636229	19.73	ug/l	100
31) Cyclohexane	7.65	56	542020	19.63	ug/l	91
32) 1,1,1-Trichloroethane	7.57	97	535996	19.48	ug/l	97
36) 1,1-Dichloropropene	7.79	75	460653	18.83	ug/l	97
37) Ethyl Acetate	6.93	43	273102	20.53	ug/l	99
38) Carbon Tetrachloride	7.77	117	442845	17.48	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049611.D
 Acq On : 29 Jun 2018 1:17
 Operator : MD\SY
 Sample : VN0628WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	489882	18.65	ug/l	97
40) Benzene	8.04	78	1401804	18.69	ug/l	99
41) Methacrylonitrile	7.17	41	117656	16.36	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	434393	18.74	ug/l	95
43) Isopropyl Acetate	8.17	43	553907	21.79	ug/l	98
44) Trichloroethene	8.84	130	406143	20.50	ug/l	93
45) 1,2-Dichloropropane	9.12	63	370331	18.85	ug/l	100
46) Dibromomethane	9.21	93	214692	18.85	ug/l	90
47) Bromodichloromethane	9.40	83	466811	18.65	ug/l	98
48) Methyl methacrylate	9.20	41	229767	19.20	ug/l	89
49) 1,4-Dioxane	9.20	88	58433	353.72	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	1244638	93.43	ug/l	95
52) Toluene	10.16	92	851519	19.34	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	412228	17.22	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	499230	17.66	ug/l	90
55) 1,1,2-Trichloroethane	10.56	97	305692	18.62	ug/l	98
56) Ethyl methacrylate	10.43	69	359172	18.97	ug/l #	86
57) 1,3-Dichloropropane	10.71	76	497331	18.29	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	812337	127.44	ug/l	95
59) 2-Hexanone	10.75	43	774694	90.21	ug/l	93
60) Dibromochloromethane	10.90	129	328795	17.95	ug/l	98
61) 1,2-Dibromoethane	11.01	107	292547	19.17	ug/l	99
64) Tetrachloroethene	10.63	164	493347	25.57	ug/l	98
65) Chlorobenzene	11.44	112	929607	19.16	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	335195	18.36	ug/l	98
67) Ethyl Benzene	11.51	91	1547140	19.23	ug/l	97
68) m/p-Xylenes	11.62	106	1218010	40.34	ug/l	97
69) o-Xylene	11.95	106	582886	20.04	ug/l	97
70) Styrene	11.97	104	952364	20.76	ug/l	96
71) Bromoform	12.13	173	212790	18.01	ug/l #	98
73) Isopropylbenzene	12.25	105	1515391	17.76	ug/l	97
74) N-amyl acetate	12.07	43	383608	18.35	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.51	83	327450	17.18	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	417407	25.17	ug/l #	100
77) Bromobenzene	12.53	156	392174	17.40	ug/l	90
78) n-propylbenzene	12.59	91	1760896	18.79	ug/l	99
79) 2-Chlorotoluene	12.68	91	1066856	17.97	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	1300540	19.39	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	74972	14.29	ug/l	95
82) 4-Chlorotoluene	12.77	91	1081356	18.88	ug/l	97
83) tert-Butylbenzene	12.99	119	1077661	18.13	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	1321048	19.82	ug/l	99
85) sec-Butylbenzene	13.17	105	1443106	18.24	ug/l	98
86) p-Isopropyltoluene	13.29	119	1267172	19.17	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	701941	18.93	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	690886	18.80	ug/l	100
89) n-Butylbenzene	13.62	91	986559	19.11	ug/l	97
90) Hexachloroethane	13.88	117	112068	7.52	ug/l	85
91) 1,2-Dichlorobenzene	13.65	146	694043	19.08	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	51346	17.28	ug/l	85

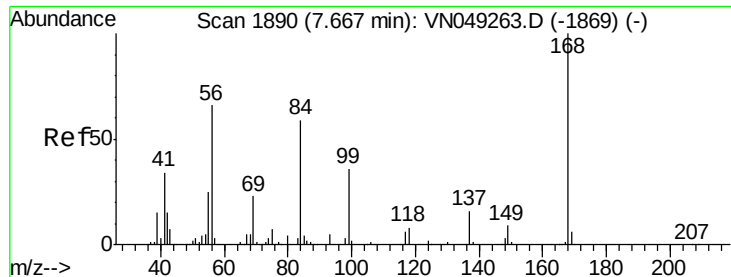
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
Data File : VN049611.D
Acq On : 29 Jun 2018 1:17
Operator : MD\SY
Sample : VN0628WBSD02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	281891	20.05	ug/l	97
94) Hexachlorobutadiene	15.01	225	214863	18.48	ug/l	99
95) Naphthalene	15.14	128	569695	22.04	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	286064	19.80	ug/l	98

(#) = 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: VN049611.D

Acq: 29 Jun 2018 1:17

Instrument :

MSVOA_N

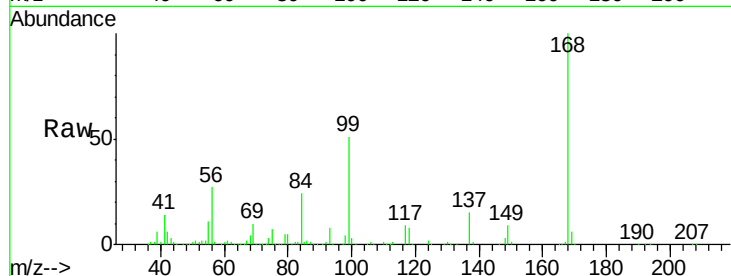
ClientSampleId :

Tot Ion:168 Resp: 1399985

Ion Ratio Lower Upper

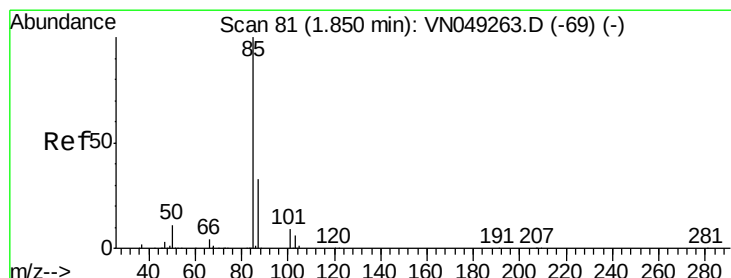
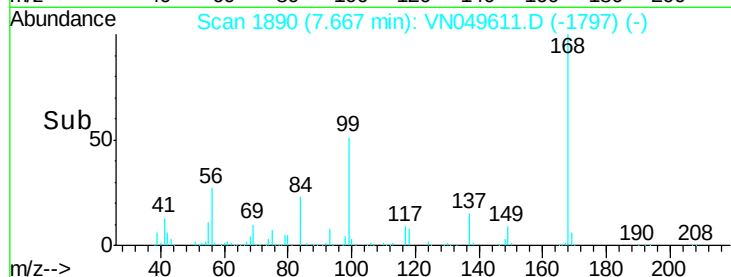
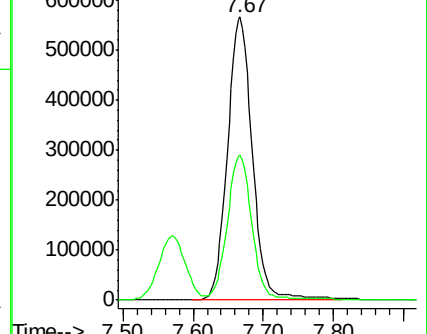
168 100

99 50.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 20.39 ug/l

RT: 1.85 min Scan# 80

Delta R.T. -0.00 min

Lab File: VN049611.D

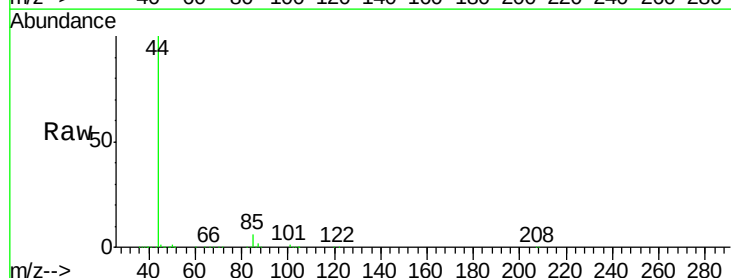
Acq: 29 Jun 2018 1:17

Tgt Ion: 85 Resp: 328514

Ion Ratio Lower Upper

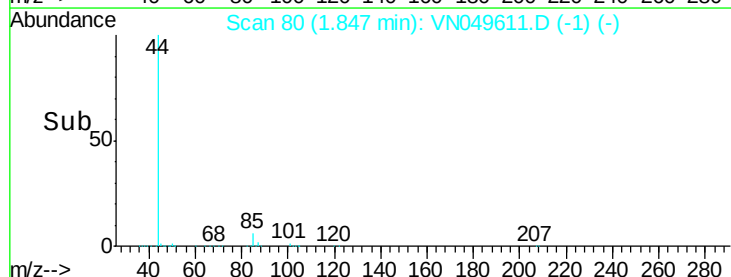
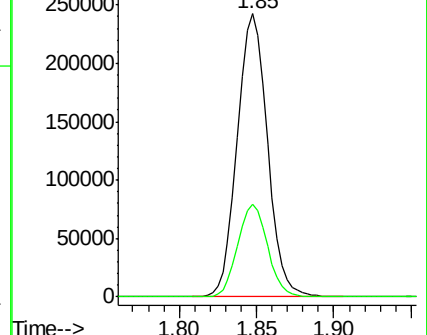
85 100

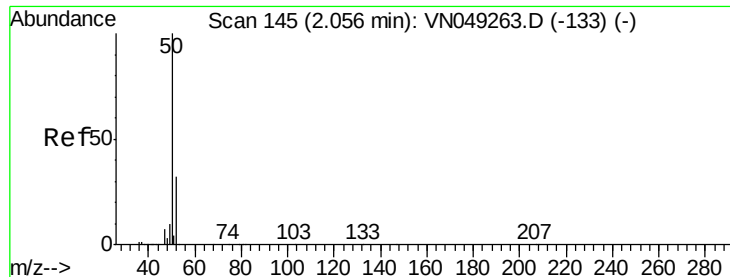
87 32.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 18.39 ug/l

RT: 2.05 min Scan# 144

Delta R.T. -0.00 min

Lab File: VN049611.D

Acq: 29 Jun 2018 1:17

Instrument :

MSVOA_N

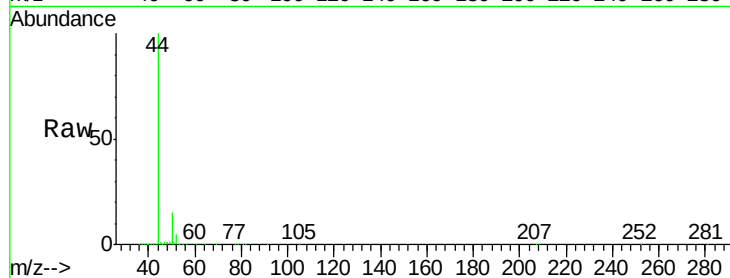
ClientSampleId :

Tot Ion: 50 Resp: 382734

Ion Ratio Lower Upper

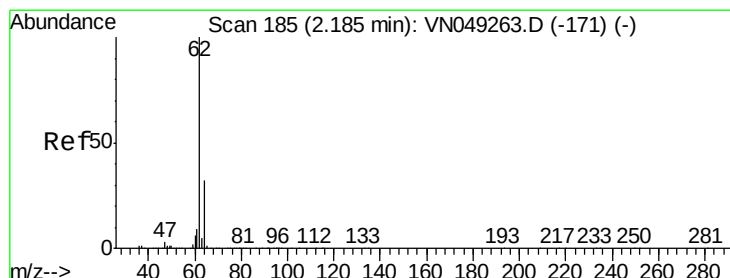
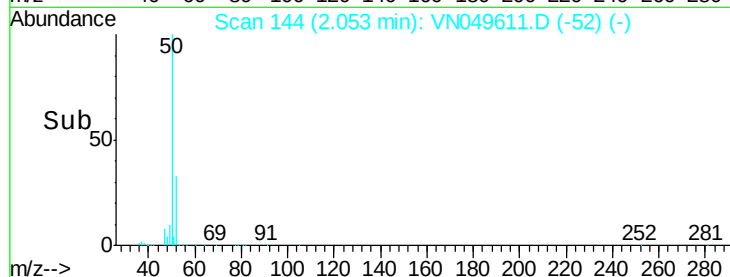
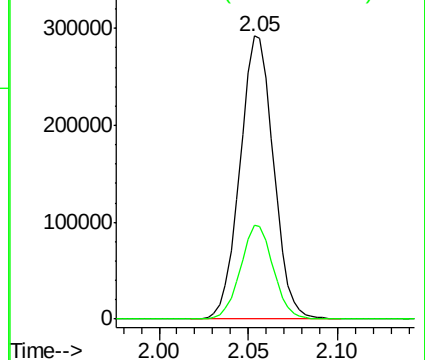
50 100

52 33.0 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 19.08 ug/l

RT: 2.18 min Scan# 184

Delta R.T. -0.00 min

Lab File: VN049611.D

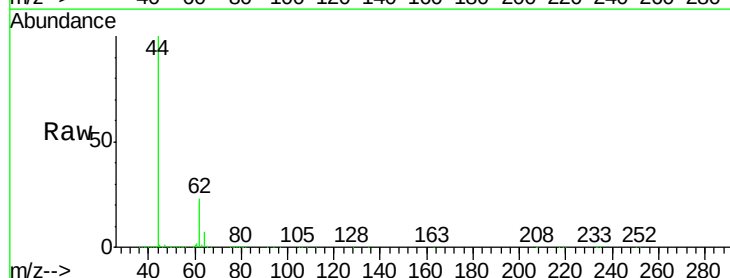
Acq: 29 Jun 2018 1:17

Tgt Ion: 62 Resp: 421915

Ion Ratio Lower Upper

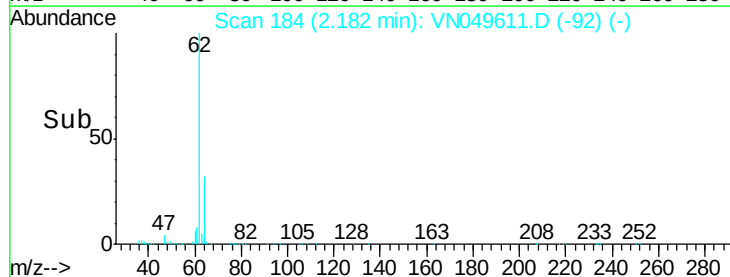
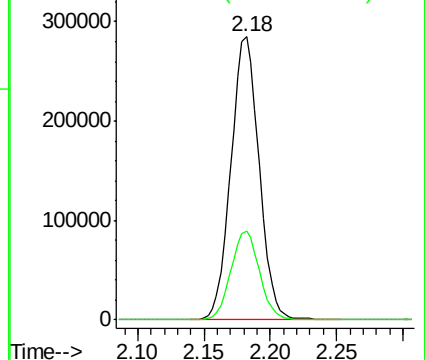
62 100

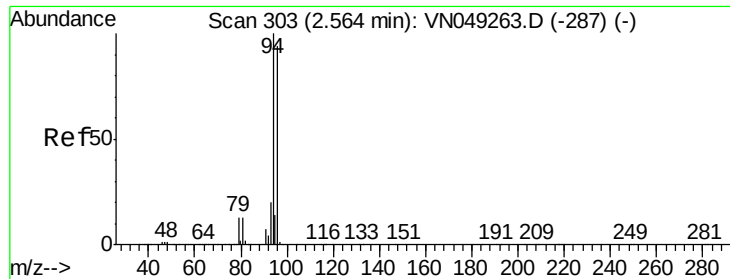
64 31.4 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 17.49 ug/l

RT: 2.56 min Scan# 303

Delta R.T. 0.00 min

Lab File: VN049611.D

Acq: 29 Jun 2018 1:17

Instrument :

MSVOA_N

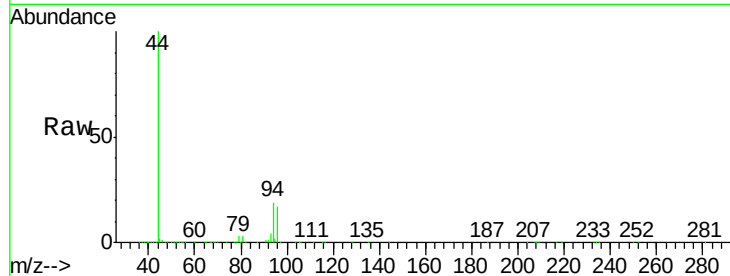
ClientSampled :

Tot Ion: 94 Resp: 203269

Ion Ratio Lower Upper

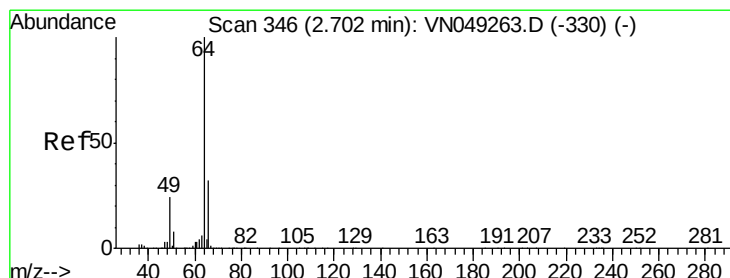
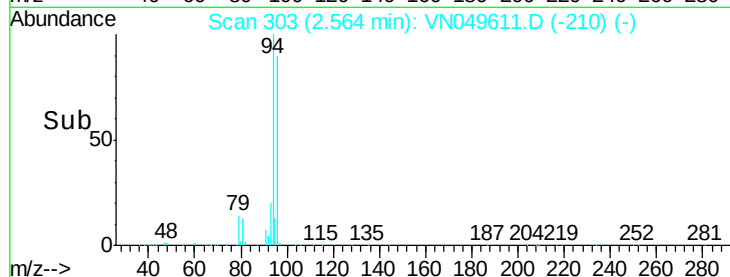
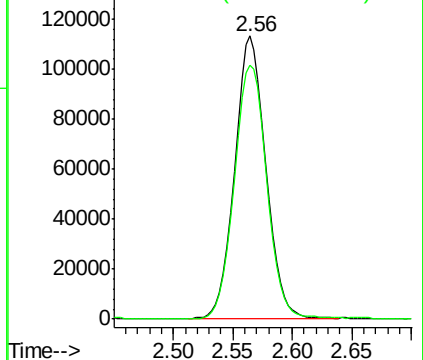
94 100

96 89.9 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: 19.70 ug/l

RT: 2.70 min Scan# 345

Delta R.T. -0.00 min

Lab File: VN049611.D

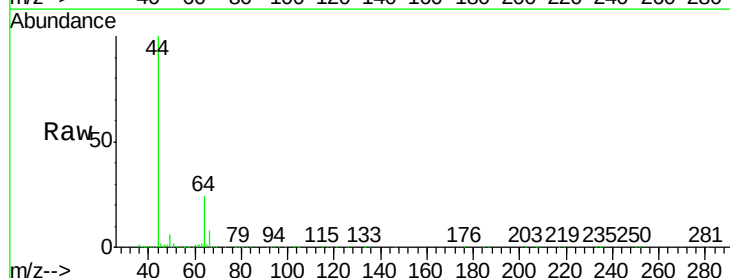
Acq: 29 Jun 2018 1:17

Tgt Ion: 64 Resp: 259732

Ion Ratio Lower Upper

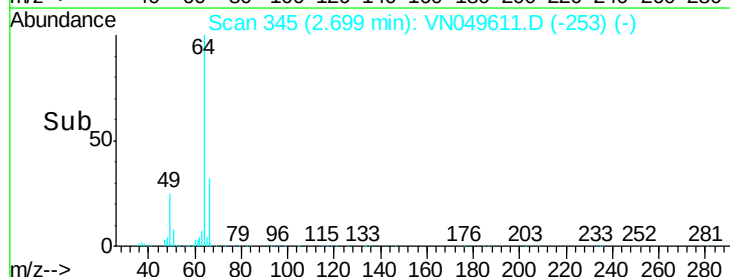
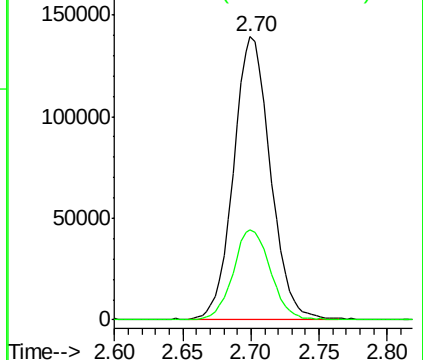
64 100

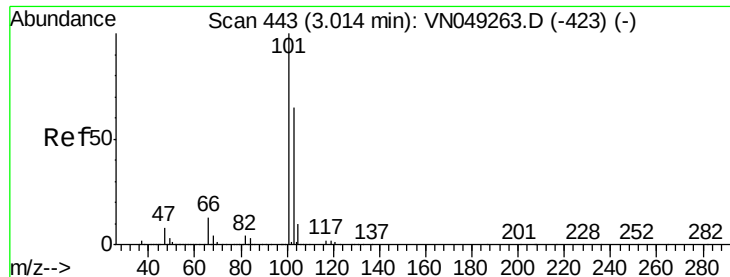
66 32.0 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

Trichlorofluoromethane

Concen: 16.29 ug/l

RT: 3.02 min Scan# 444

Delta R.T. 0.00 min

Lab File: VN049611.D

Acq: 29 Jun 2018 1:17

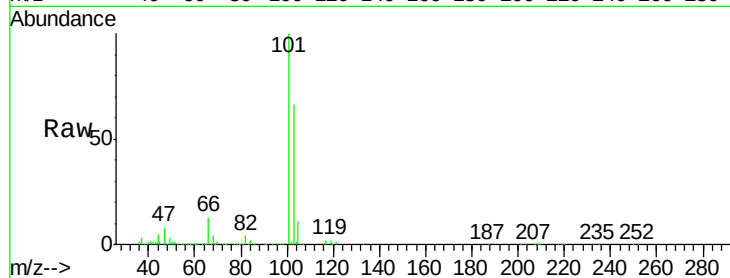
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:101 Resp: 449336

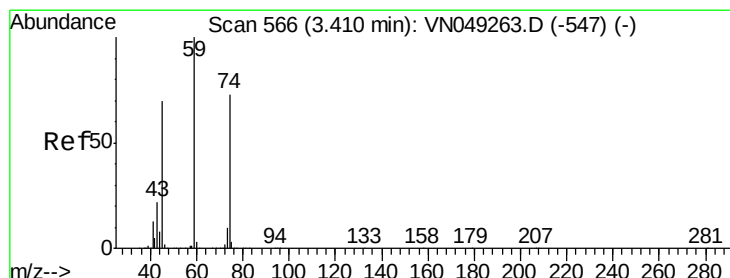
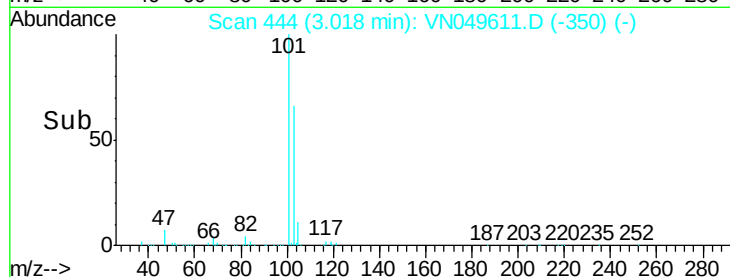
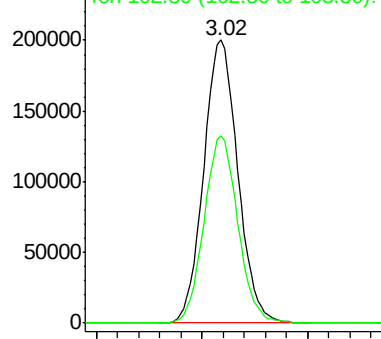
Ion Ratio Lower Upper

101 100

103 66.1 51.7 77.5



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 18.86 ug/l

RT: 3.41 min Scan# 565

Delta R.T. -0.00 min

Lab File: VN049611.D

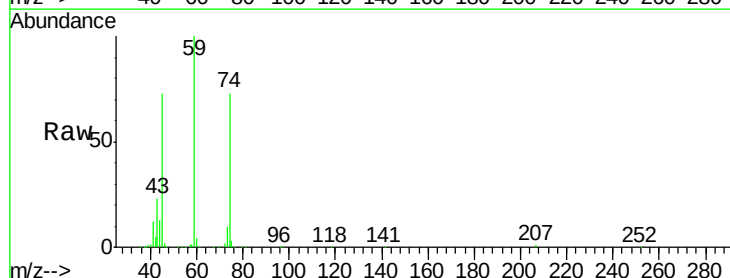
Acq: 29 Jun 2018 1:17

Tgt Ion: 74 Resp: 181656

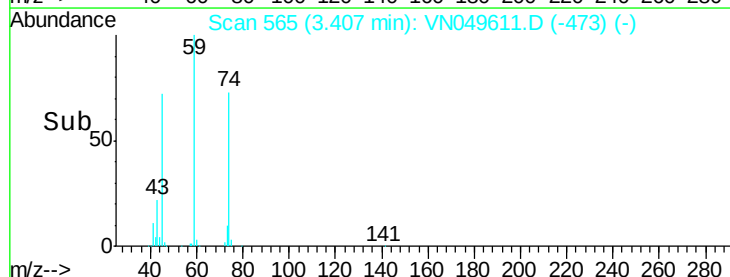
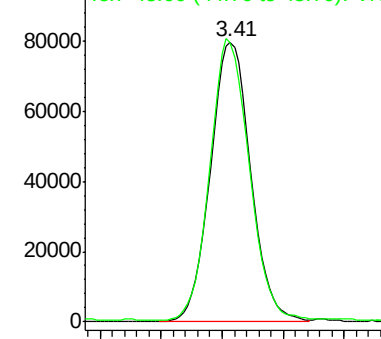
Ion Ratio Lower Upper

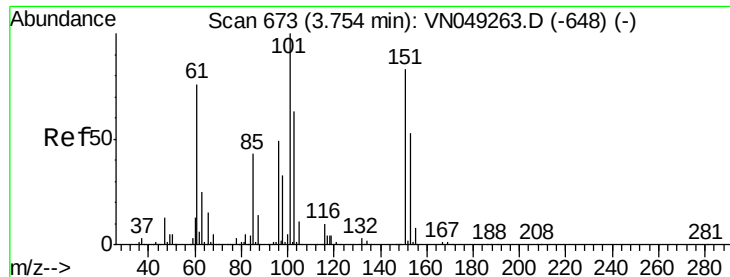
74 100

45 98.2 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): VNO
Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.06 ug/l

RT: 3.75 min Scan# 672

Delta R.T. -0.00 min

Lab File: VN049611.D

Acq: 29 Jun 2018 1:17

Instrument :

MSVOA_N

ClientSampled :

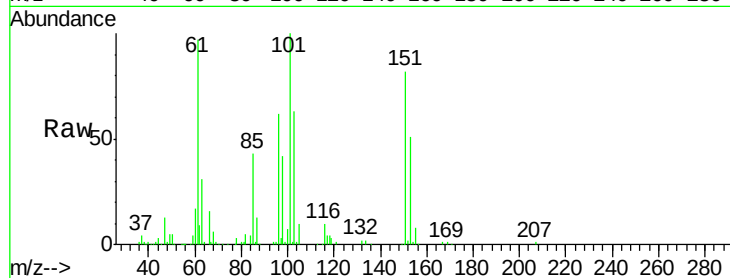
Tot Ion:101 Resp: 333461

Ion Ratio Lower Upper

101 100

85 42.7 37.6 56.4

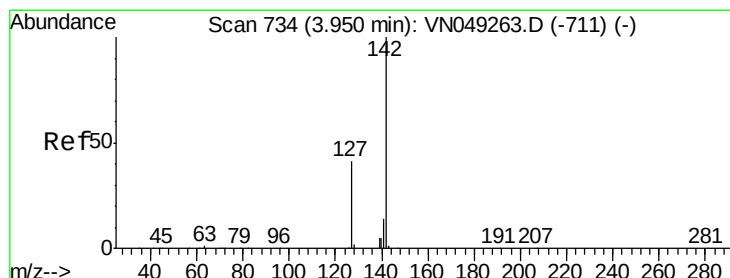
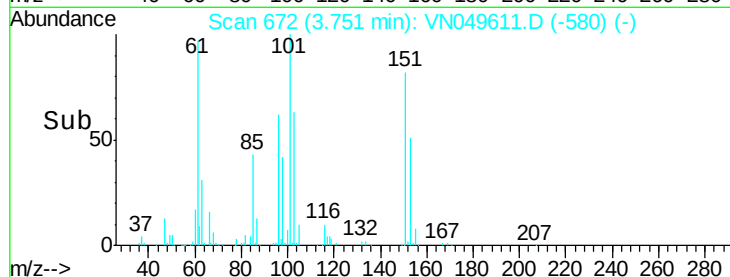
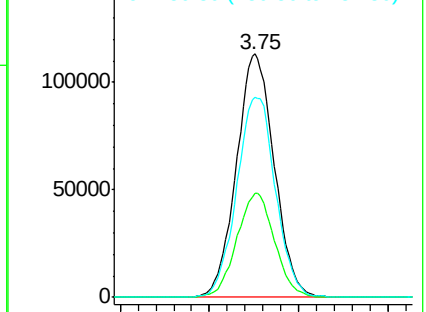
151 84.3 61.1 91.7



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: 23.69 ug/l

RT: 3.95 min Scan# 733

Delta R.T. -0.00 min

Lab File: VN049611.D

Acq: 29 Jun 2018 1:17

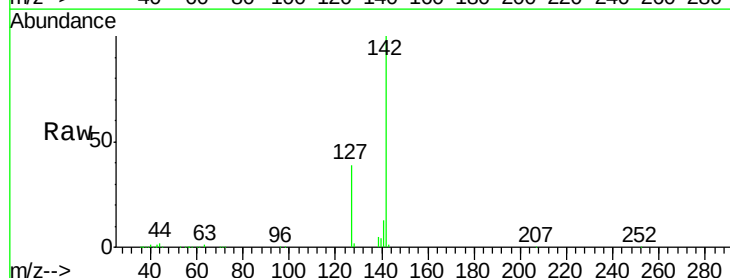
Tgt Ion:142 Resp: 431430

Ion Ratio Lower Upper

142 100

127 41.2 38.2 57.4

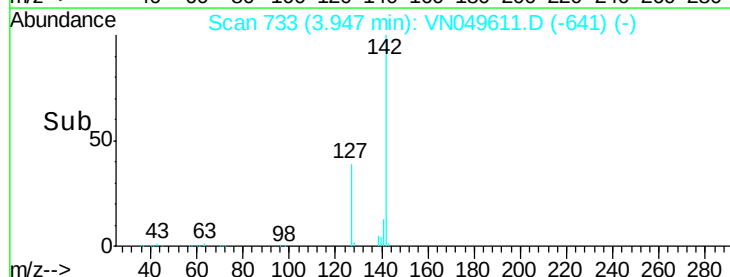
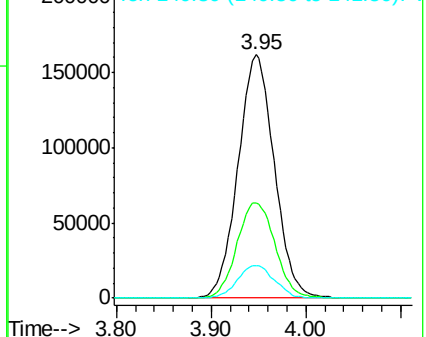
141 13.8 11.9 17.9

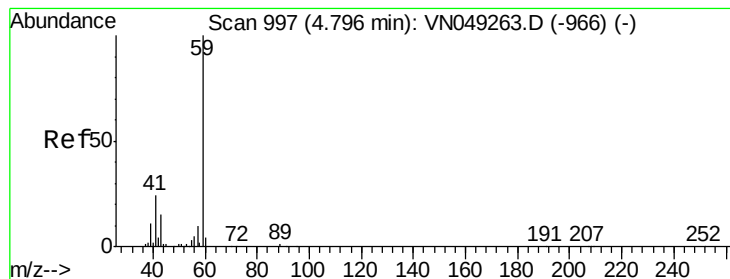


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 86.42 ug/l

RT: 4.79 min Scan# 995

Delta R.T. -0.01 min

Lab File: VN049611.D

Acq: 29 Jun 2018 1:17

Instrument :

MSVOA_N

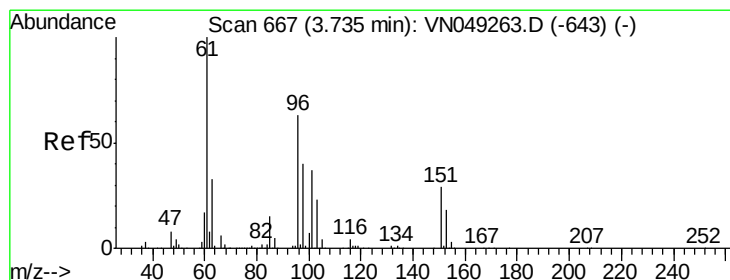
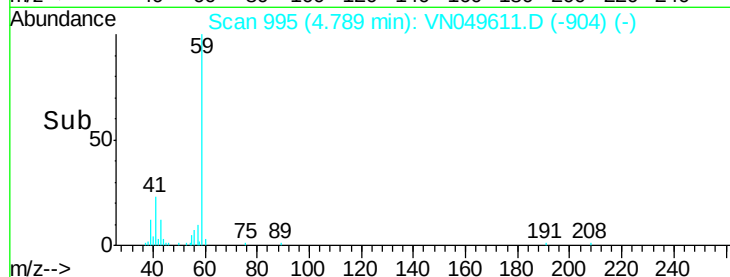
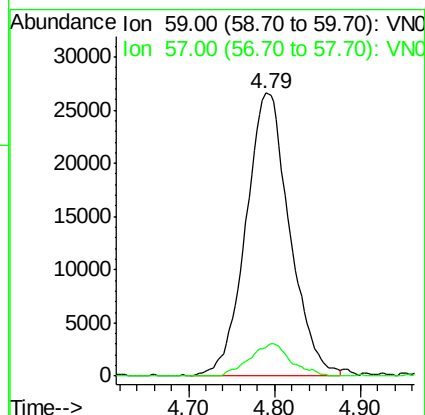
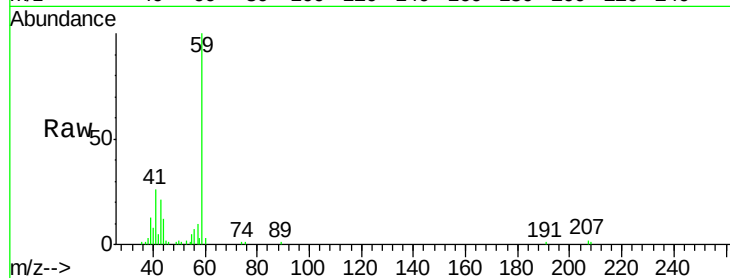
ClientSampled :

Tot Ion: 59 Resp: 94185

Ion Ratio Lower Upper

59 100

57 10.8 9.0 13.6



#12

1,1-Dichloroethene

Concen: 19.10 ug/l

RT: 3.73 min Scan# 667

Delta R.T. 0.00 min

Lab File: VN049611.D

Acq: 29 Jun 2018 1:17

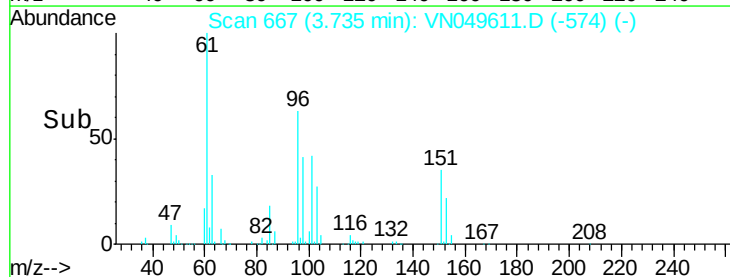
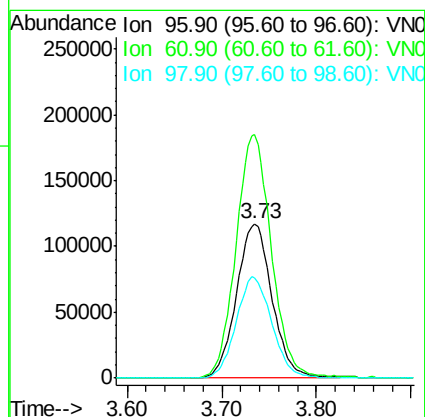
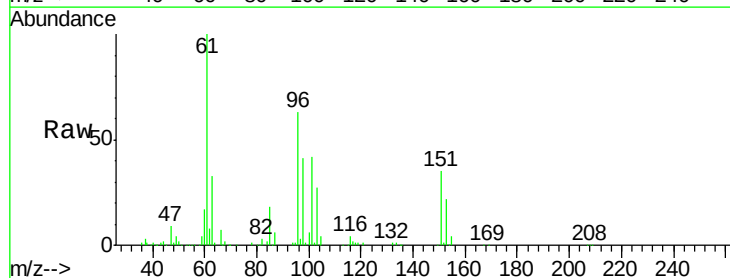
Tgt Ion: 96 Resp: 306567

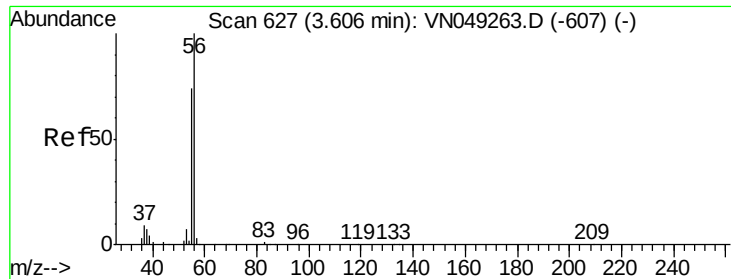
Ion Ratio Lower Upper

96 100

61 157.7 141.0 211.4

98 64.9 50.4 75.6





#13

Acrolein

Concen: 88.85 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN049611.D

Acq: 29 Jun 2018 1:17

Instrument :

MSVOA_N

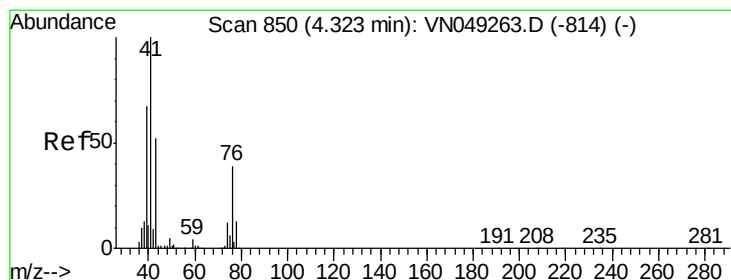
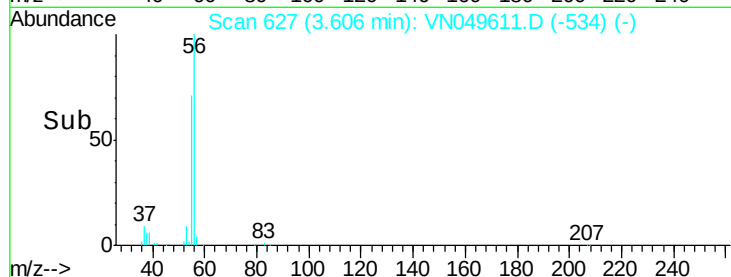
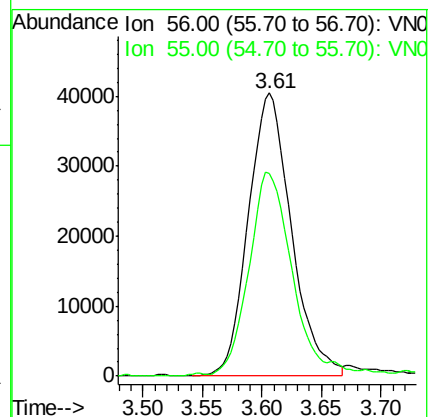
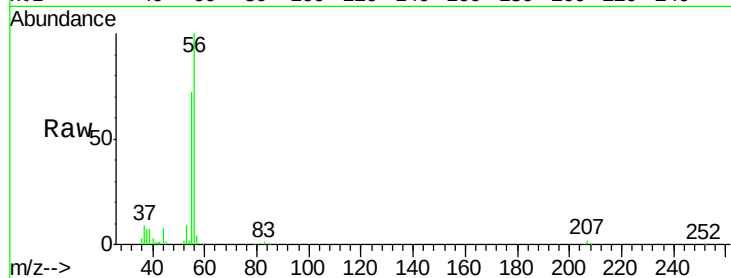
ClientSampleId :

Tot Ion: 56 Resp: 101544

Ion Ratio Lower Upper

56 100

55 69.2 57.1 85.7



#14

Allyl chloride

Concen: 16.99 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN049611.D

Acq: 29 Jun 2018 1:17

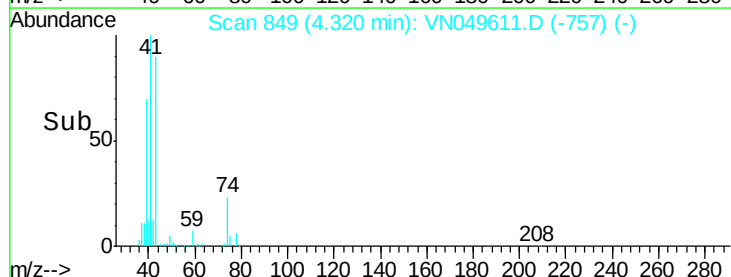
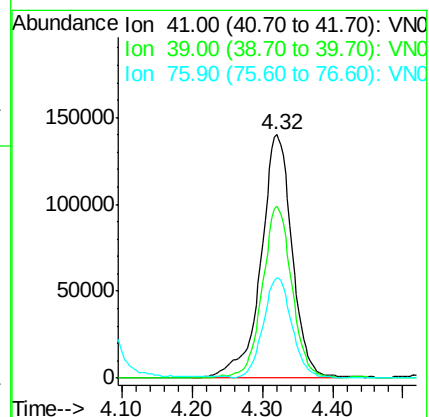
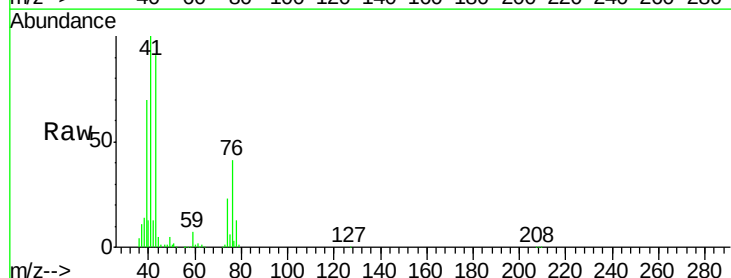
Tgt Ion: 41 Resp: 430669

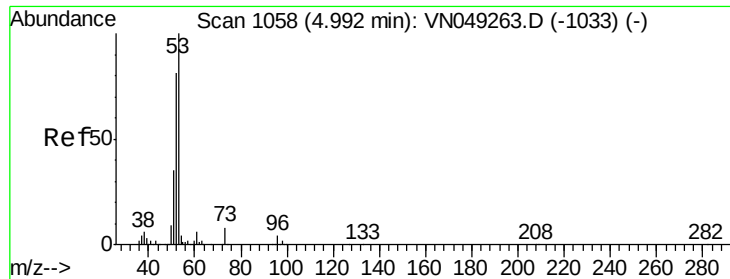
Ion Ratio Lower Upper

41 100

39 67.3 62.5 93.7

76 37.3 27.1 40.7

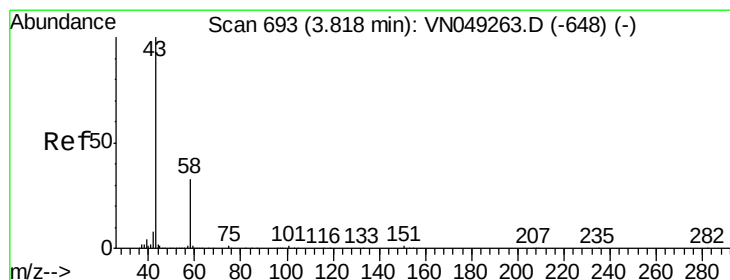
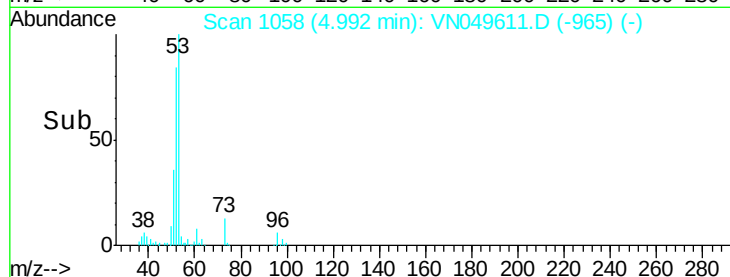
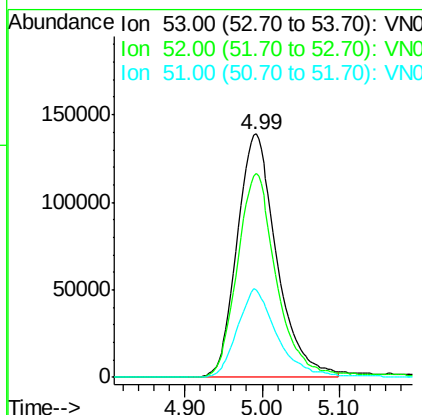
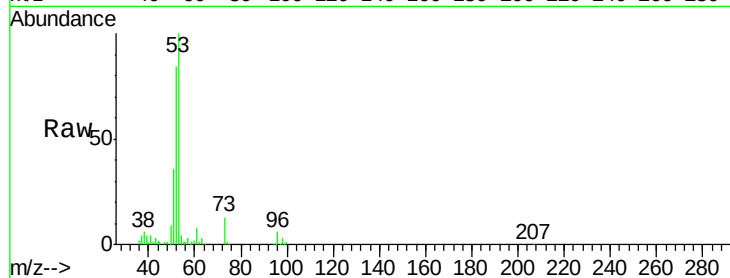




#15
 Acrylonitrile
 Concen: 90.71 ug/l
 RT: 4.99 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: VN049611.D
 Acq: 29 Jun 2018 1:17

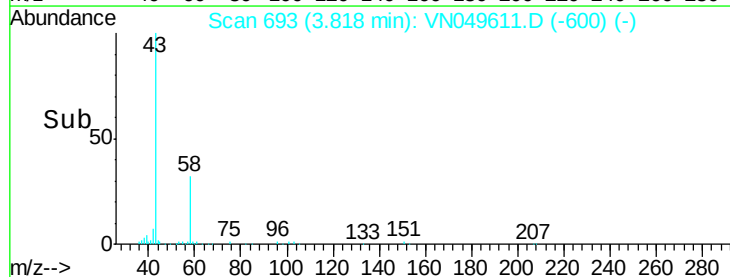
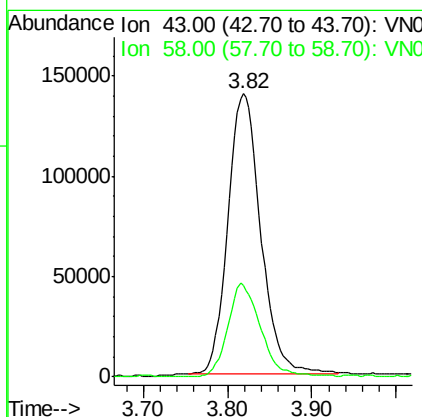
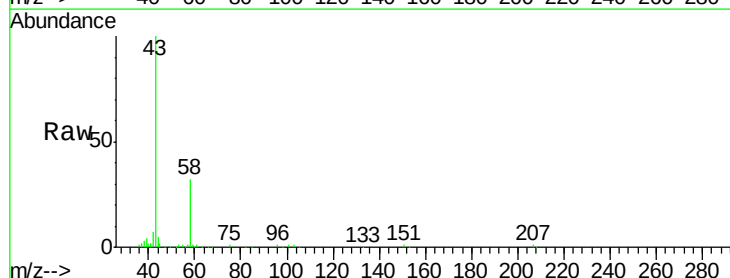
Instrument :
 MSVOA_N
 ClientSampleId :

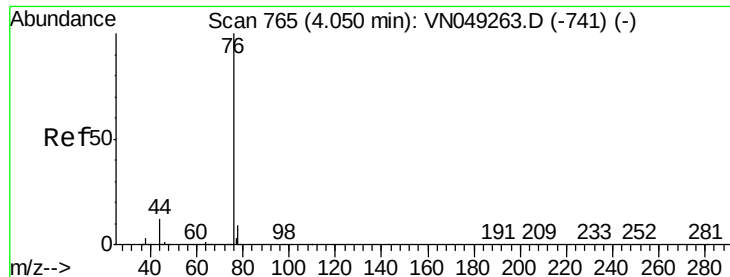
Tot Ion	53	Resp	494309
Ion Ratio	Lower	Upper	
53	100		
52	82.7	66.6	100.0
51	36.4	29.8	44.8



#16
 Acetone
 Concen: 83.48 ug/l
 RT: 3.82 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: VN049611.D
 Acq: 29 Jun 2018 1:17

Tgt Ion	43	Resp	376389
Ion Ratio	Lower	Upper	
43	100		
58	32.5	22.4	33.6

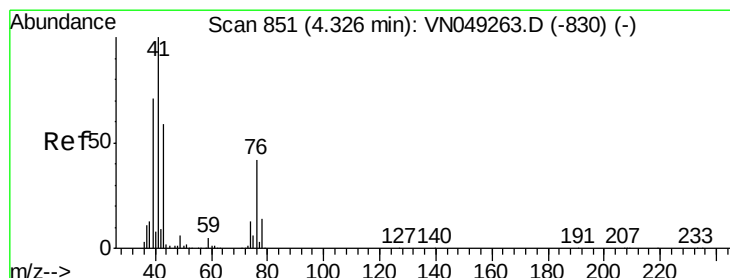
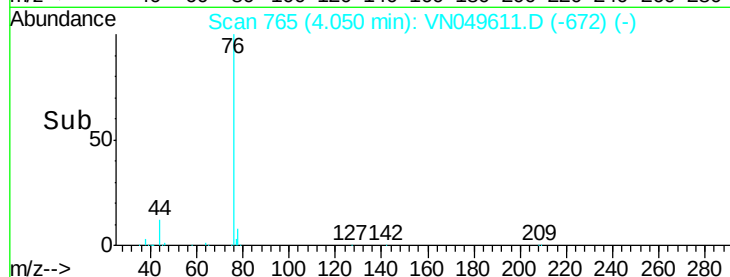
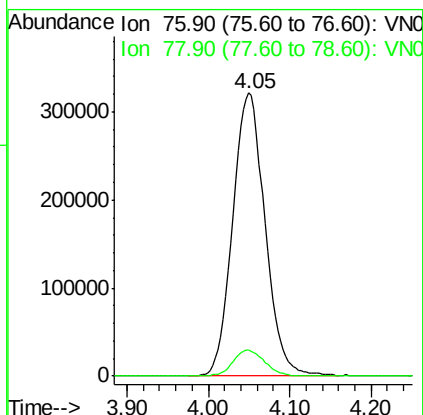
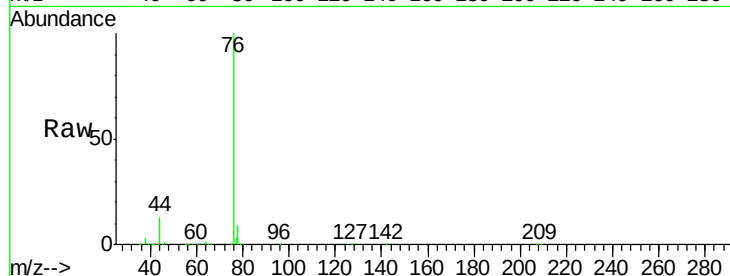




#17
Carbon Disulfide
Concen: 17.65 ug/l
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN049611.D
Acq: 29 Jun 2018 1:17

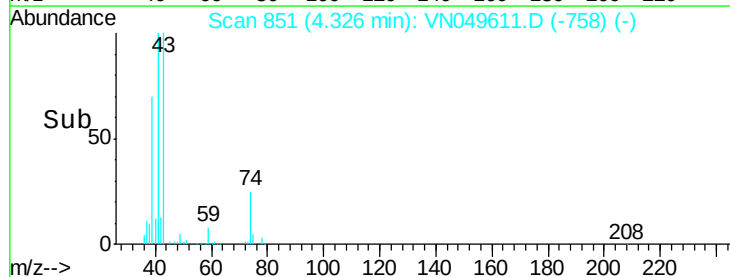
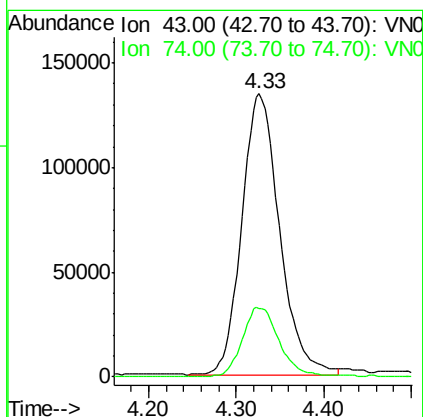
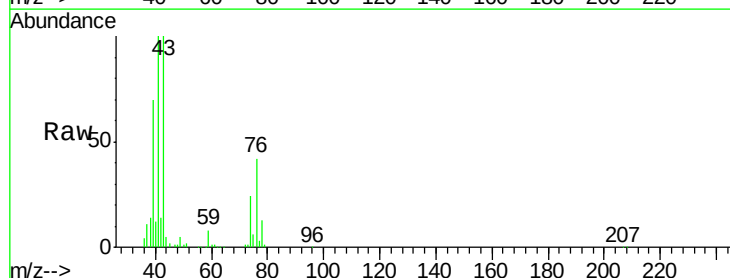
Instrument :
MSVOA_N
ClientSampleId :

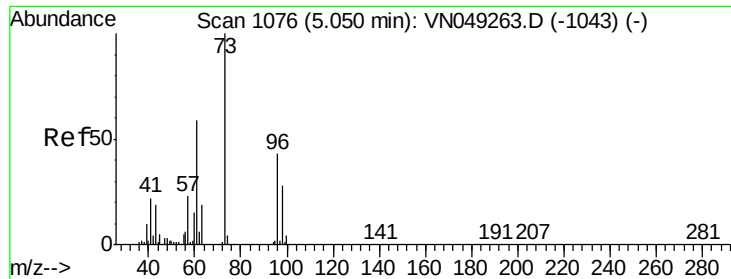
Tot Ion: 76 Resp: 888100
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 29.26 ug/l
RT: 4.33 min Scan# 851
Delta R.T. 0.00 min
Lab File: VN049611.D
Acq: 29 Jun 2018 1:17

Tgt Ion: 43 Resp: 402238
Ion Ratio Lower Upper
43 100
74 24.1 17.4 26.0





#19

Methvl tert-butvl Ether

Concen: 19.48 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VN049611.D

Acq: 29 Jun 2018 1:17

Instrument :

MSVOA_N

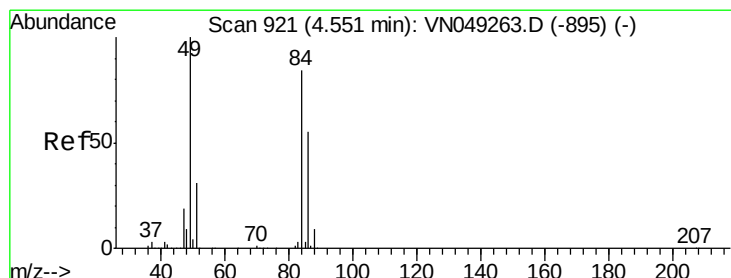
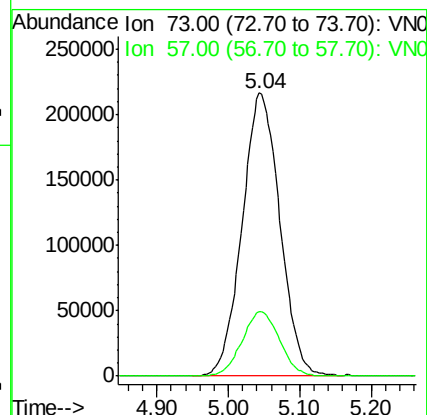
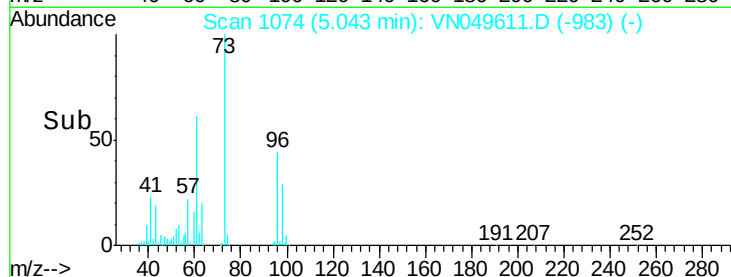
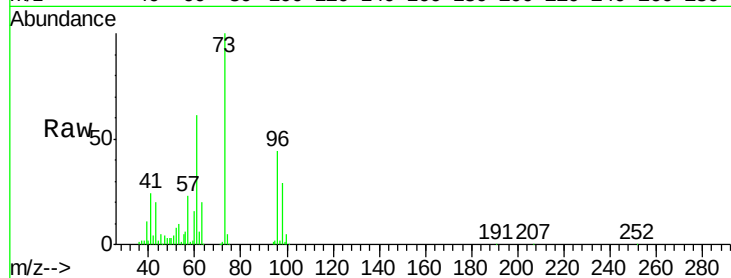
ClientSampled :

Tot Ion: 73 Resp: 797254

Ion Ratio Lower Upper

73 100

57 22.6 18.2 27.4



#20

Methylene Chloride

Concen: 18.57 ug/l

RT: 4.55 min Scan# 920

Delta R.T. -0.00 min

Lab File: VN049611.D

Acq: 29 Jun 2018 1:17

Tgt Ion: 84 Resp: 349601

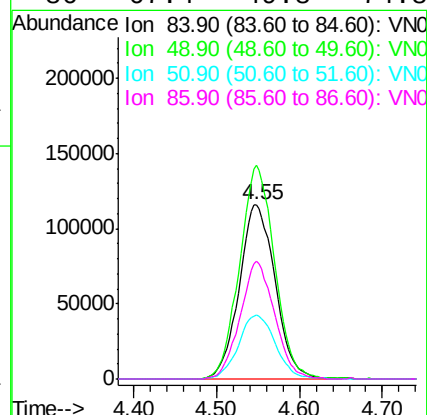
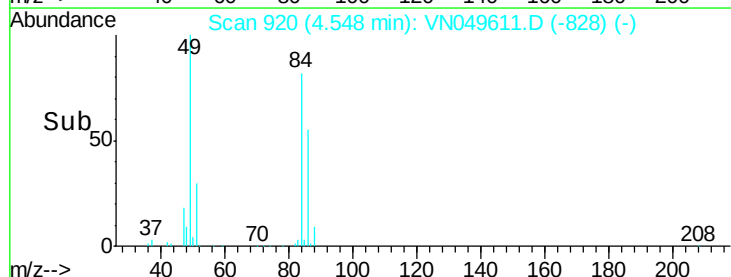
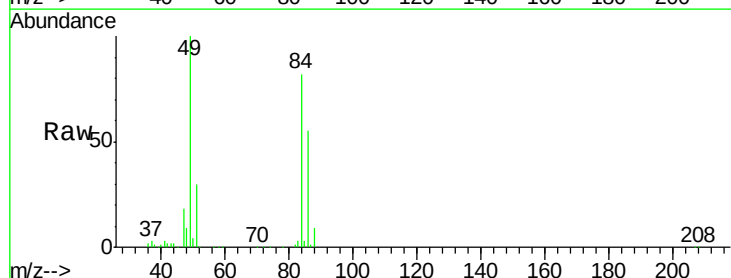
Ion Ratio Lower Upper

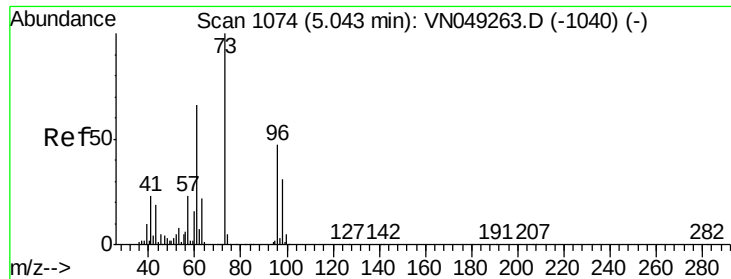
84 100

49 122.3 106.9 160.3

51 36.7 32.7 49.1

86 67.4 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 18.73 ug/l

RT: 5.04 min Scan# 1072

Delta R.T. -0.01 min

Lab File: VN049611.D

Acq: 29 Jun 2018 1:17

Instrument :
MSVOA_N
ClientSampleId :

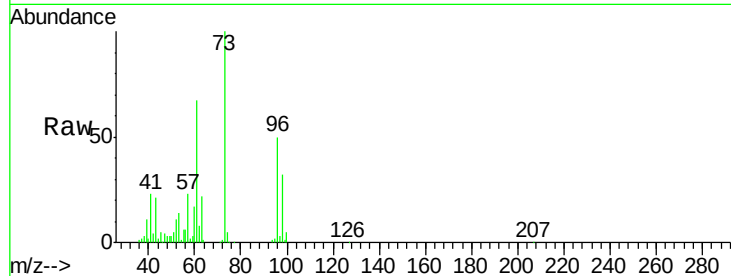
Tot Ion: 96 Resp: 318233

Ion Ratio Lower Upper

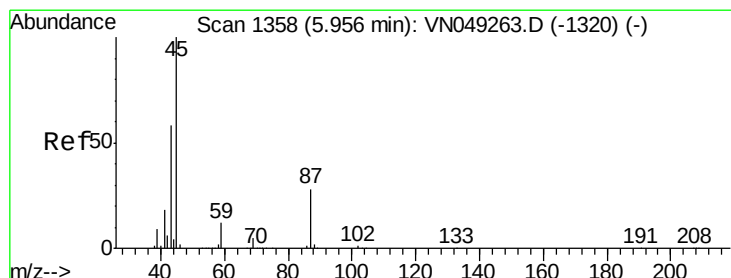
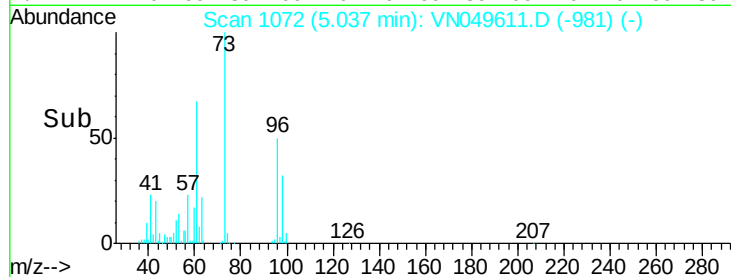
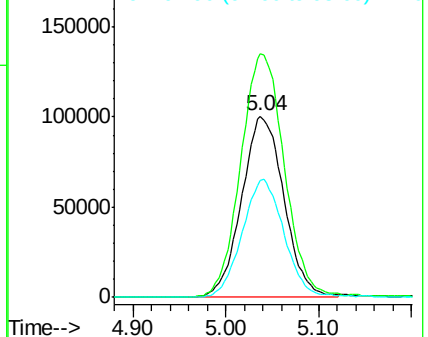
96 100

61 134.1 121.3 181.9

98 64.7 52.0 78.0



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



#22

Diisopropyl ether

Concen: 20.01 ug/l

RT: 5.95 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VN049611.D

Acq: 29 Jun 2018 1:17

Tgt Ion: 45 Resp: 1012662

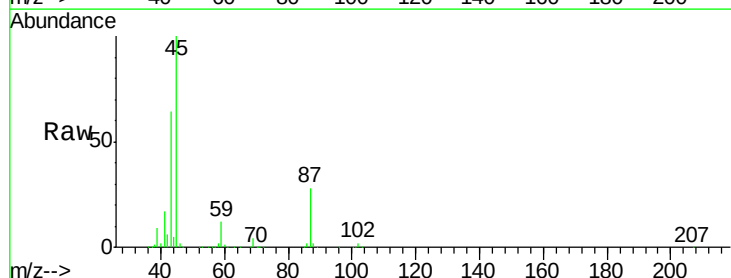
Ion Ratio Lower Upper

45 100

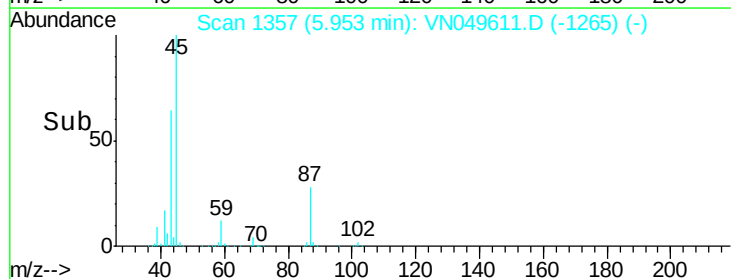
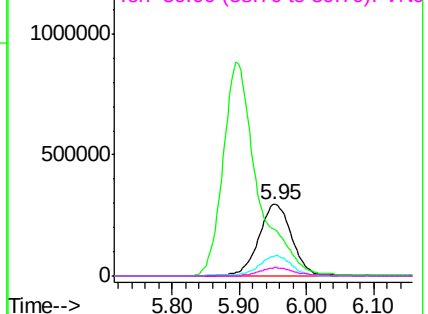
43 63.4 48.6 72.8

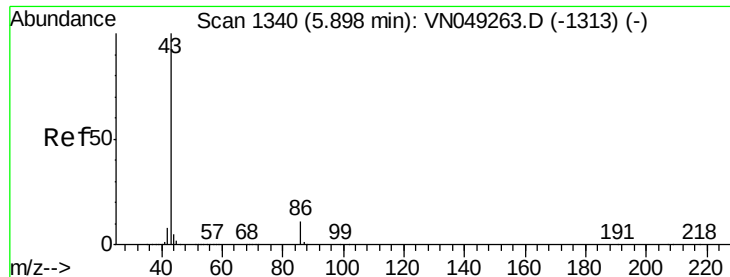
87 27.6 20.2 30.2

59 11.6 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 95.07 ug/l

RT: 5.90 min Scan# 1339

Delta R.T. -0.00 min

Lab File: VN049611.D

Acq: 29 Jun 2018 1:17

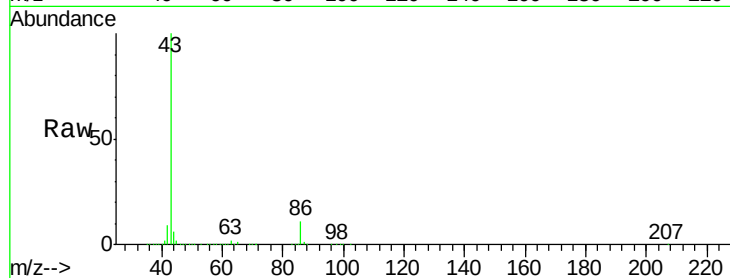
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 3136750

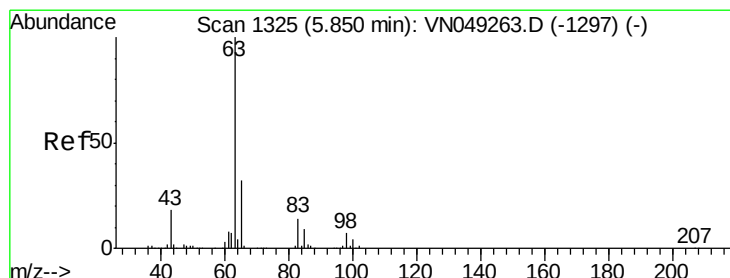
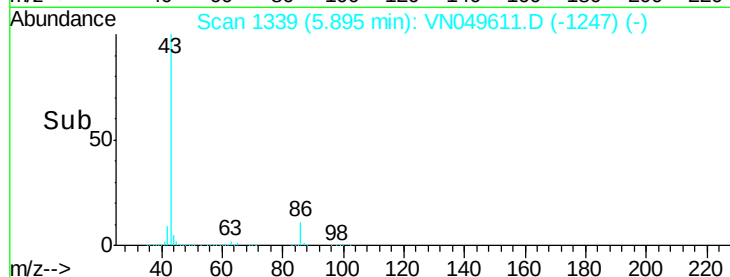
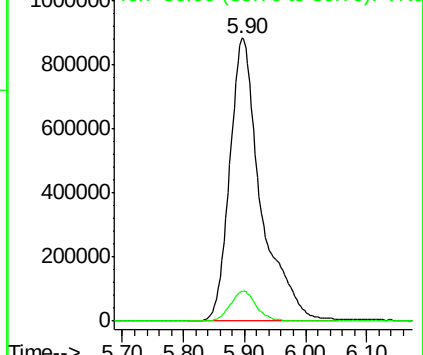
Ion Ratio Lower Upper

43 100

86 10.6 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN049611.D (-1247) (-)



#24

1,1-Dichloroethane

Concen: 19.21 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VN049611.D

Acq: 29 Jun 2018 1:17

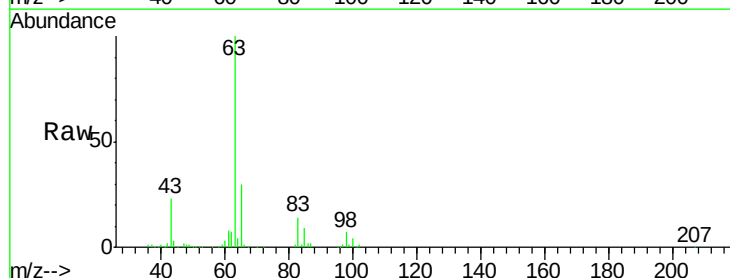
Tgt Ion: 63 Resp: 622431

Ion Ratio Lower Upper

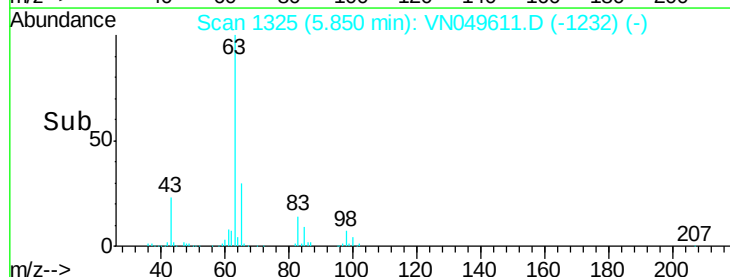
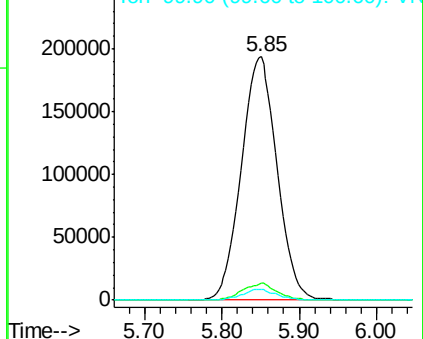
63 100

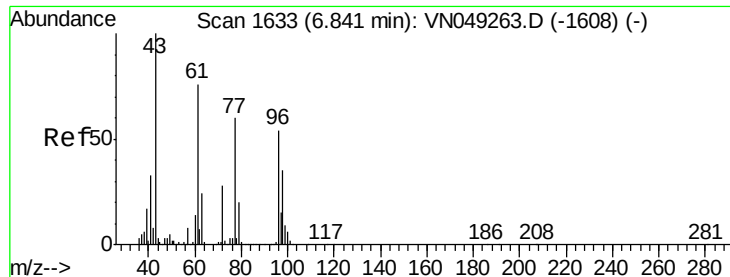
98 7.1 2.9 8.8

100 4.3 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN049611.D (-1232) (-)





#25

2-Butanone

Concen: 87.03 ug/l

RT: 6.84 min Scan# 1632

Delta R.T. -0.00 min

Lab File: VN049611.D

Acq: 29 Jun 2018 1:17

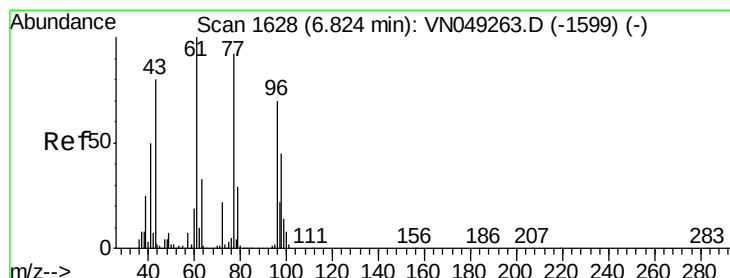
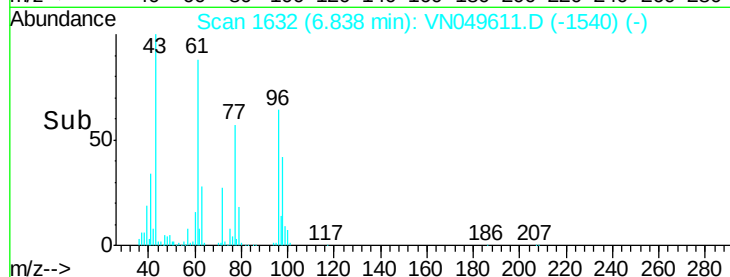
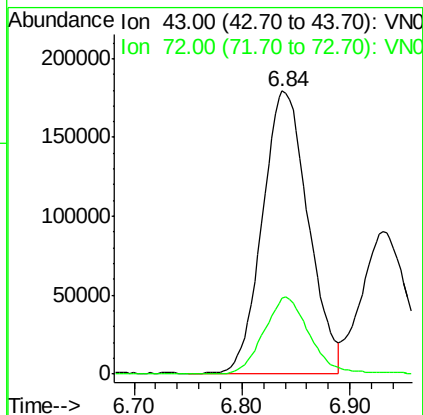
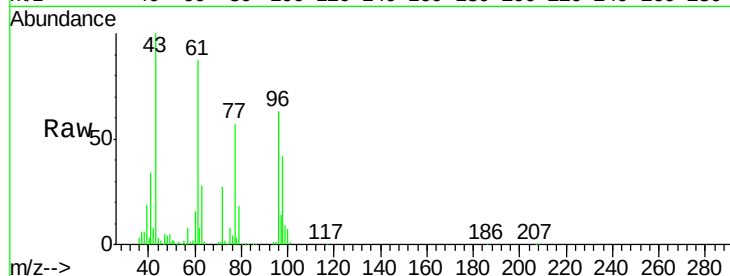
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 526874

Ion Ratio Lower Upper

43 100

72 27.0 20.2 30.2



#26

2,2-Dichloropropane

Concen: 15.17 ug/l

RT: 6.82 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VN049611.D

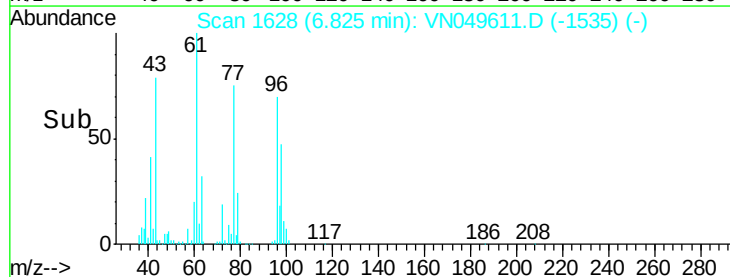
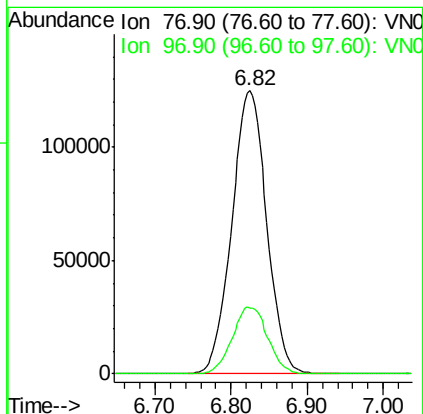
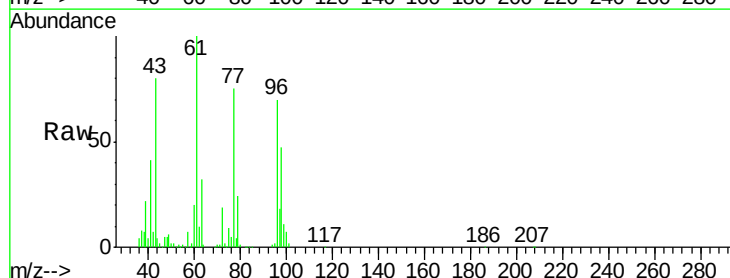
Acq: 29 Jun 2018 1:17

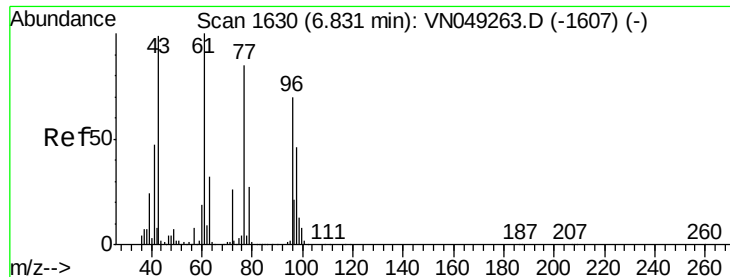
Tgt Ion: 77 Resp: 396929

Ion Ratio Lower Upper

77 100

97 24.0 11.0 33.0





#27

cis-1,2-Dichloroethene

Concen: 19.39 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN049611.D

Acq: 29 Jun 2018 1:17

Instrument :
MSVOA_N
ClientSampleId :

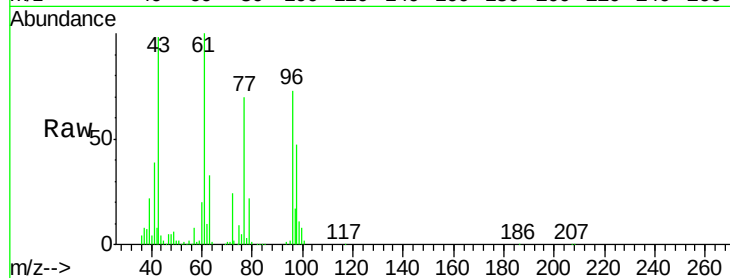
Tot Ion: 96 Resp: 366332

Ion Ratio Lower Upper

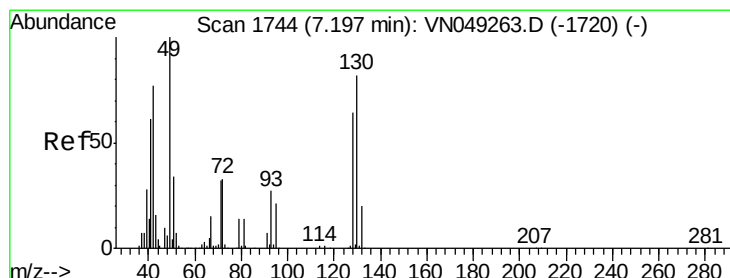
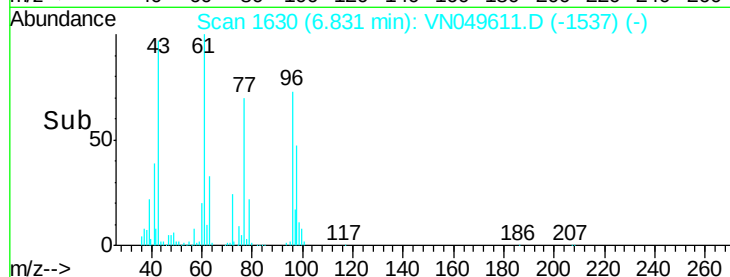
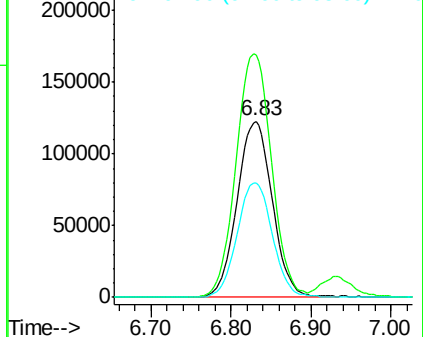
96 100

61 139.4 0.0 316.4

98 65.1 0.0 128.4



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



#28

Bromochloromethane

Concen: 18.37 ug/l

RT: 7.19 min Scan# 1743

Delta R.T. -0.00 min

Lab File: VN049611.D

Acq: 29 Jun 2018 1:17

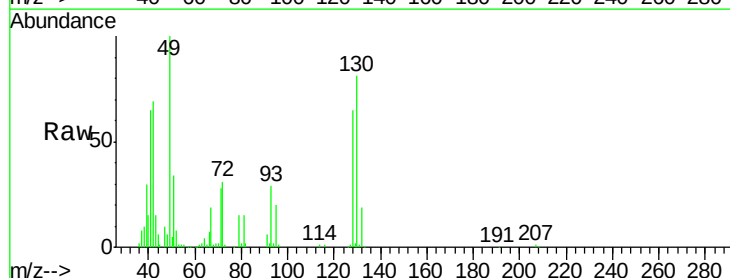
Tgt Ion: 49 Resp: 263848

Ion Ratio Lower Upper

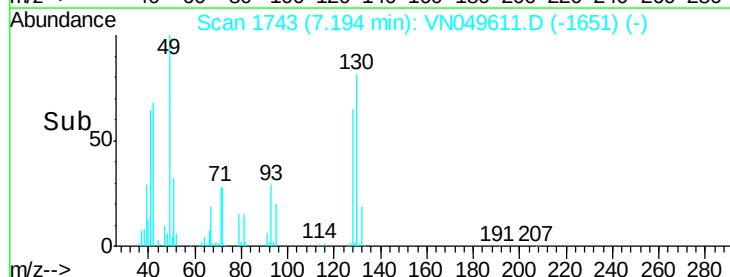
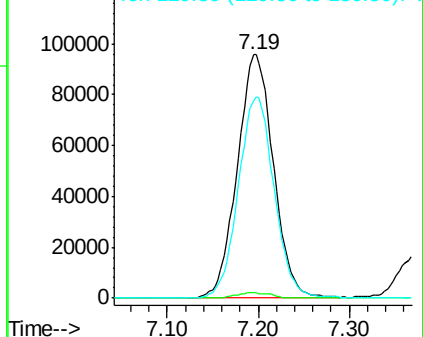
49 100

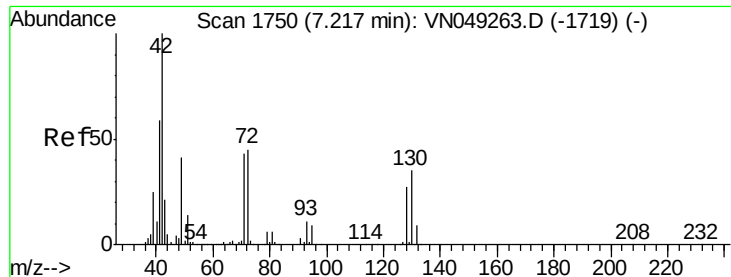
129 2.2 0.0 3.8

130 81.9 54.9 82.3



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

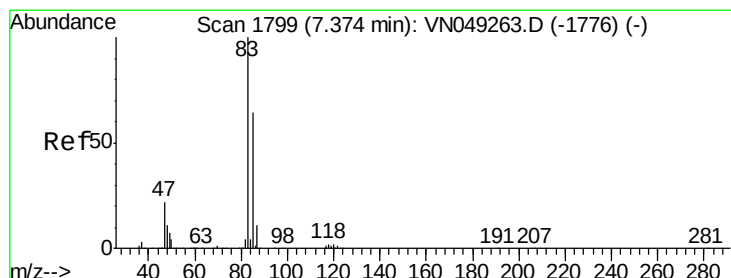
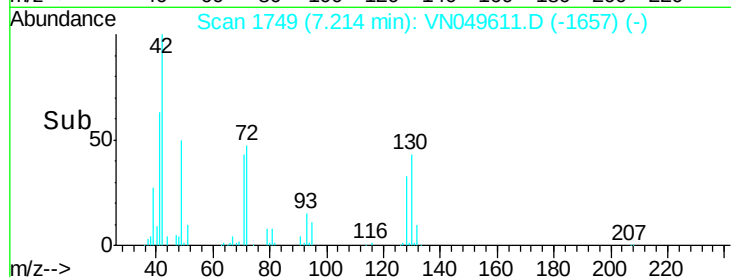
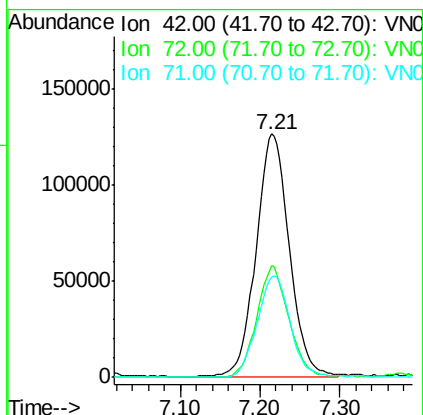
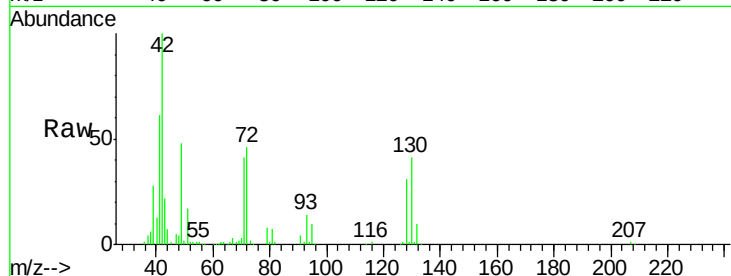




#29
Tetrahydrofuran
Concen: 92.24 ug/l
RT: 7.21 min Scan# 1749
Delta R.T. -0.00 min
Lab File: VN049611.D
Acq: 29 Jun 2018 1:17

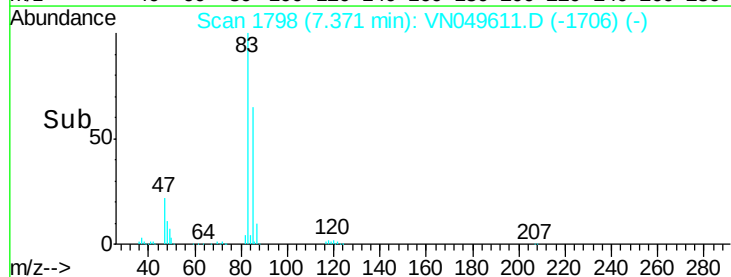
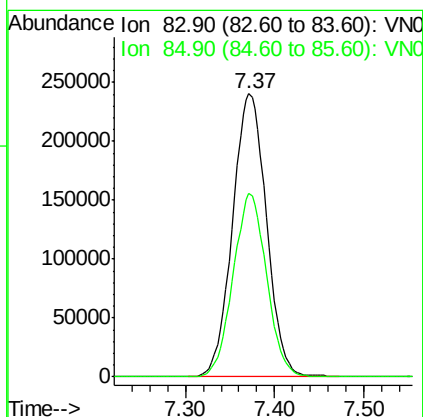
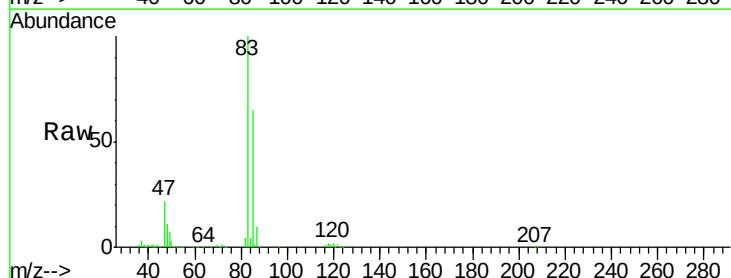
Instrument :
MSVOA_N
ClientSampleId :

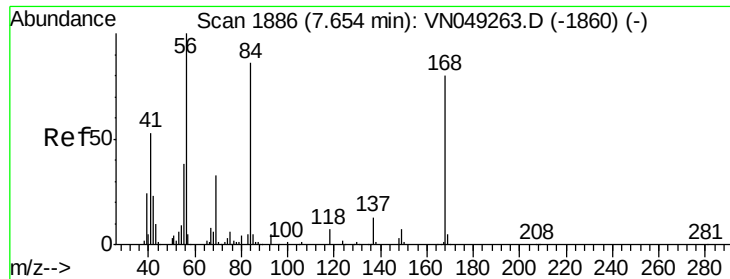
Tot Ion: 42 Resp: 359432
Ion Ratio Lower Upper
42 100
72 44.4 32.2 48.4
71 41.8 30.5 45.7



#30
Chloroform
Concen: 19.73 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN049611.D
Acq: 29 Jun 2018 1:17

Tgt Ion: 83 Resp: 636229
Ion Ratio Lower Upper
83 100
85 64.9 51.7 77.5

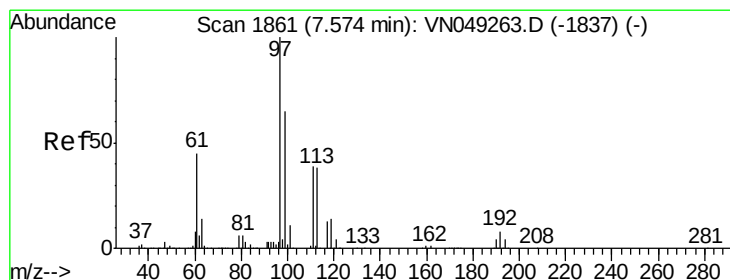
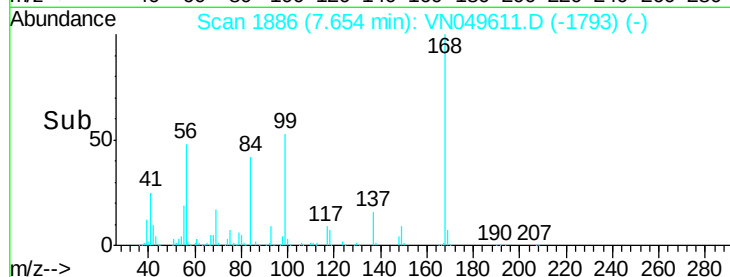
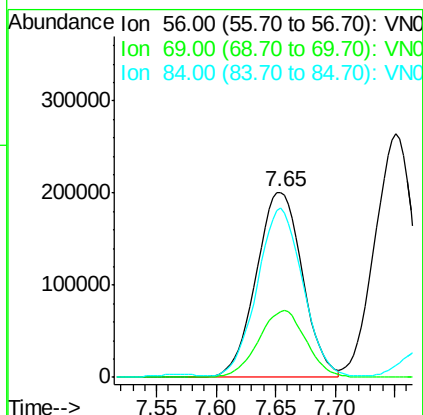
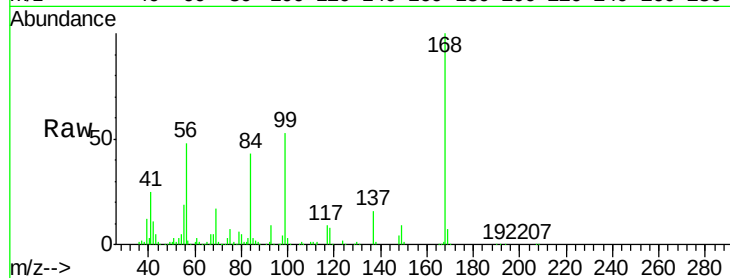




#31
Cyclohexane
Concen: 19.63 ug/l
RT: 7.65 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VN049611.D
Acq: 29 Jun 2018 1:17

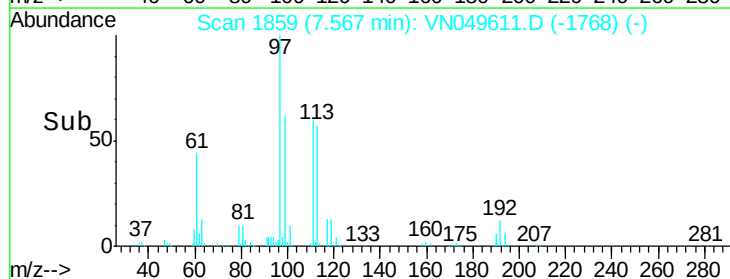
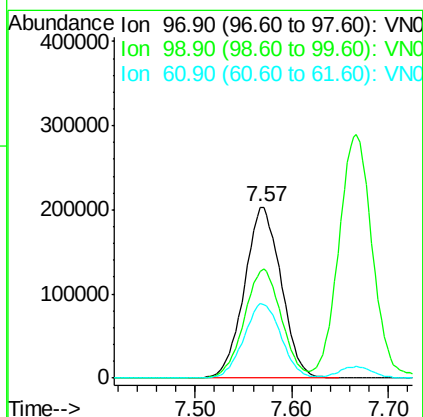
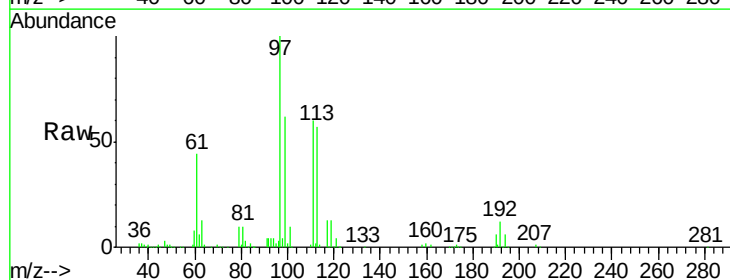
Instrument :
MSVOA_N
ClientSampled :

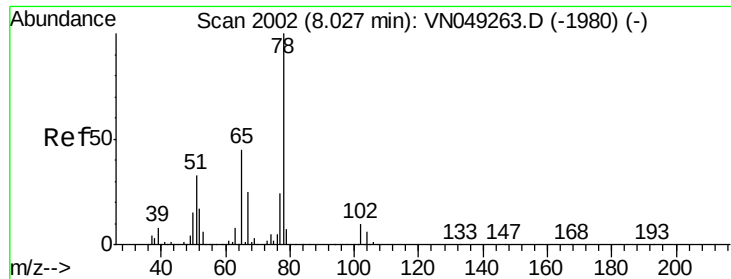
Tot Ion	56	Resp	542020
Ion Ratio	Lower	Upper	
56	100		
69	35.4	25.0	37.4
84	89.5	64.6	96.8



#32
1,1,1-Trichloroethane
Concen: 19.48 ug/l
RT: 7.57 min Scan# 1859
Delta R.T. -0.01 min
Lab File: VN049611.D
Acq: 29 Jun 2018 1:17

Tgt Ion	97	Resp	535996
Ion Ratio	Lower	Upper	
97	100		
99	64.2	50.5	75.7
61	44.2	37.9	56.9

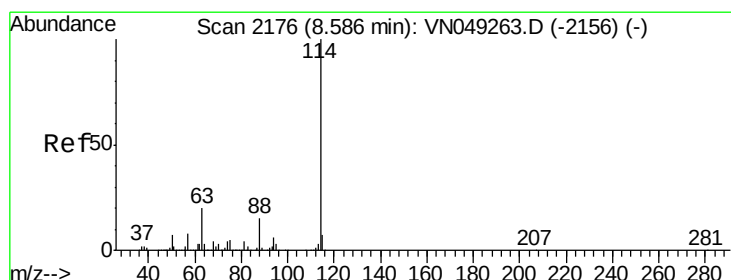
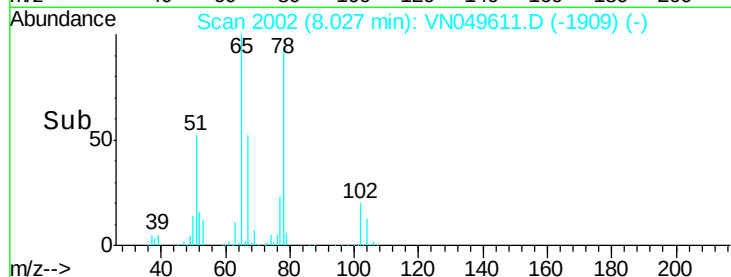
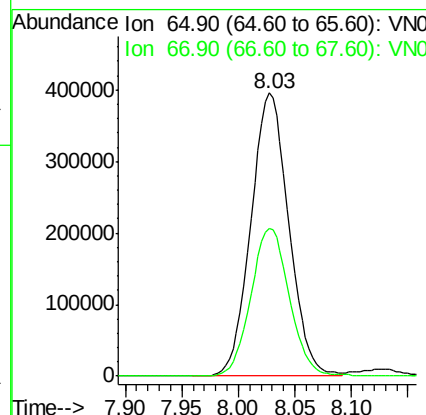
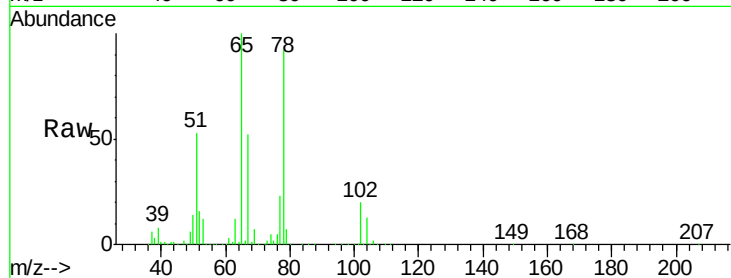




#33
 1,2-Dichloroethane-d4
 Concen: 49.61 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049611.D
 Acq: 29 Jun 2018 1:17

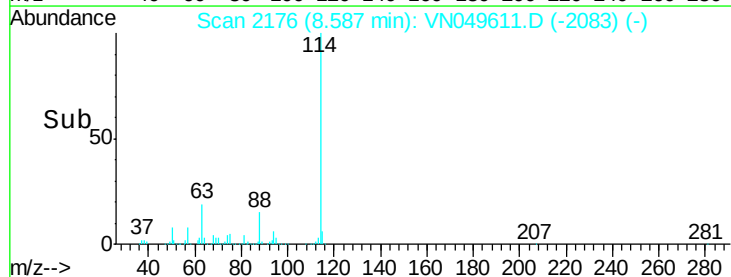
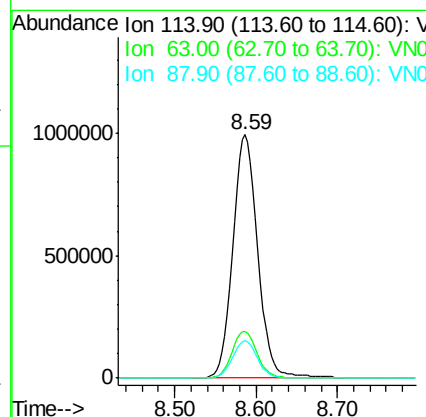
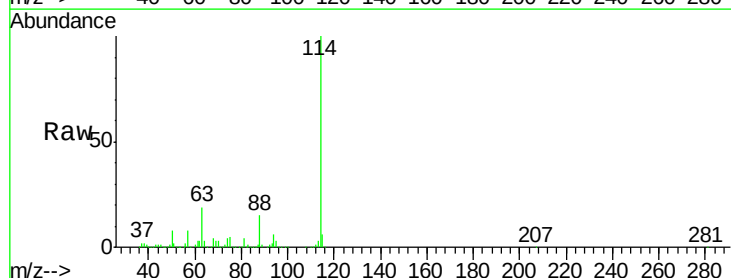
Instrument :
 MSVOA_N
 ClientSampleId :

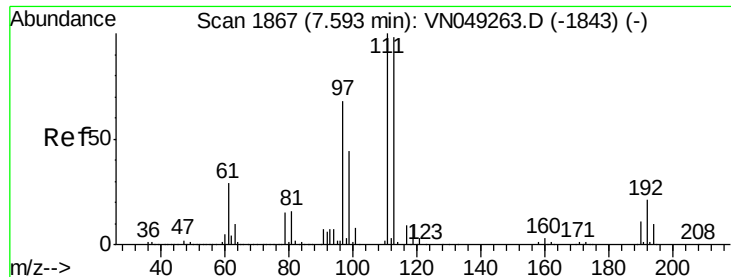
Tot Ion: 65 Resp: 921123
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049611.D
 Acq: 29 Jun 2018 1:17

Tgt Ion: 114 Resp: 2135037
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 44.4
 88 15.4 0.0 31.4

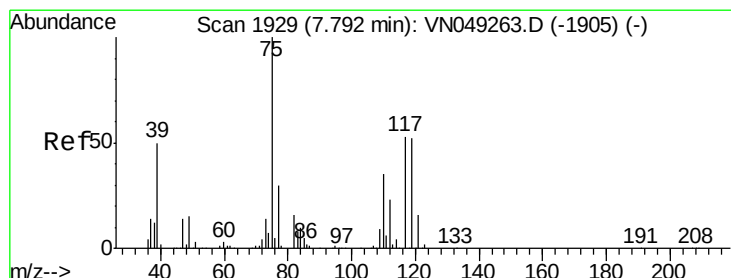
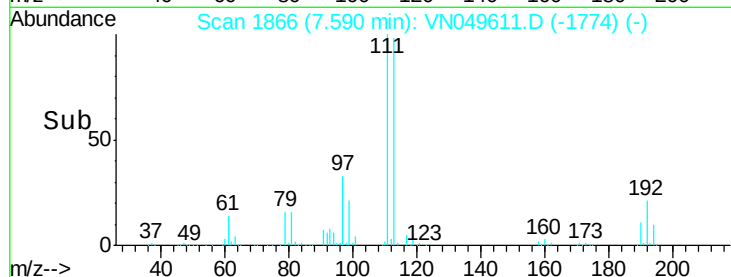
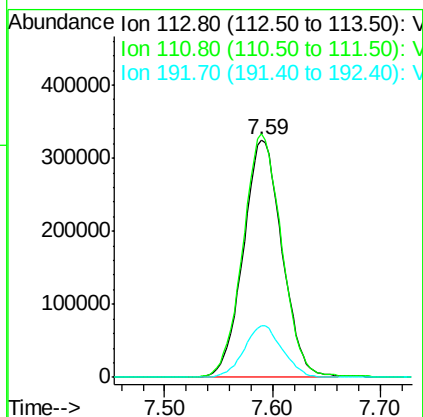
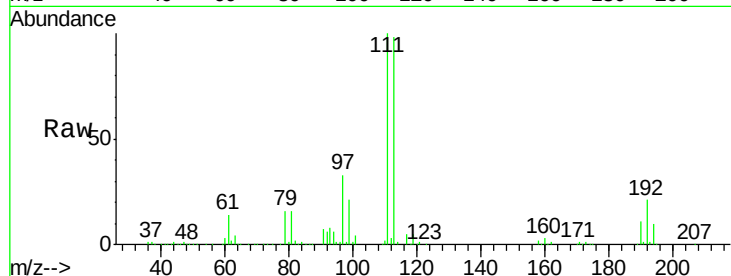




#35
 Dibromofluoromethane
 Concen: 46.79 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN049611.D
 Acq: 29 Jun 2018 1:17

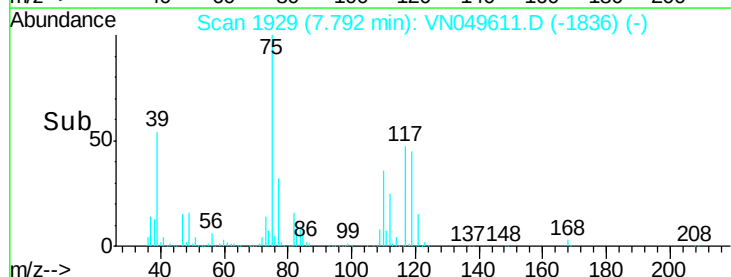
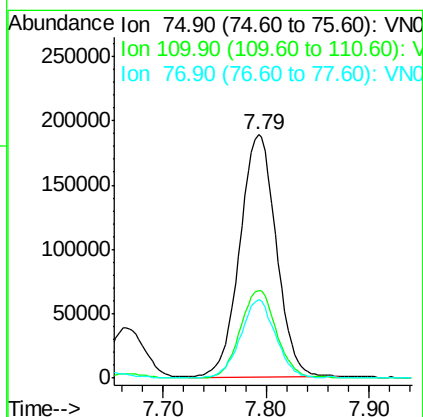
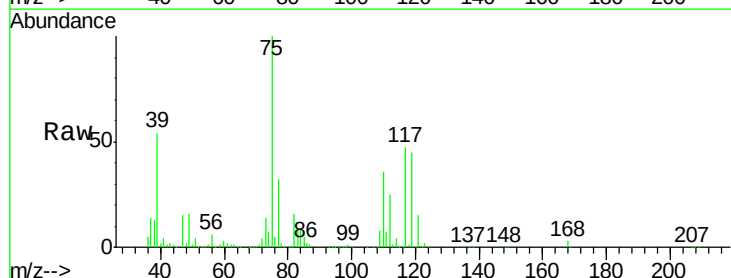
Instrument :
 MSVOA_N
 ClientSampleId :

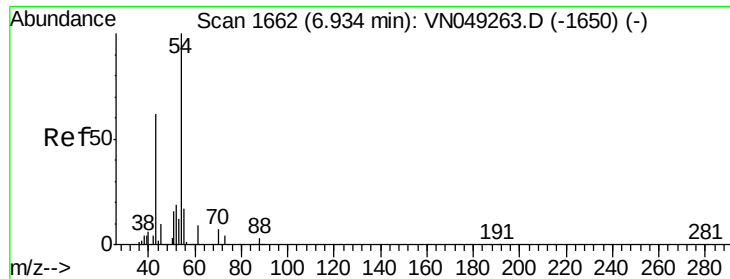
Tot Ion:113 Resp: 808225
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.4 123.6
 192 21.7 15.0 22.6



#36
 1,1-Dichloropropene
 Concen: 18.83 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: VN049611.D
 Acq: 29 Jun 2018 1:17

Tgt Ion: 75 Resp: 460653
 Ion Ratio Lower Upper
 75 100
 110 36.0 17.0 50.9
 77 31.3 24.4 36.6

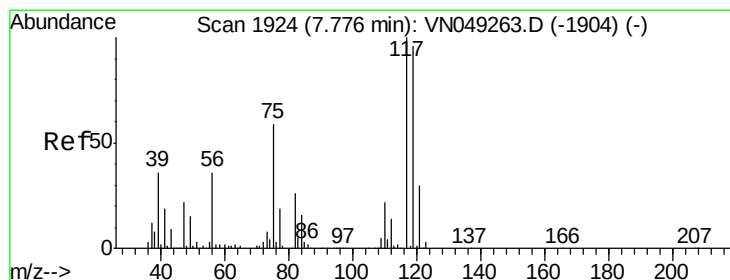
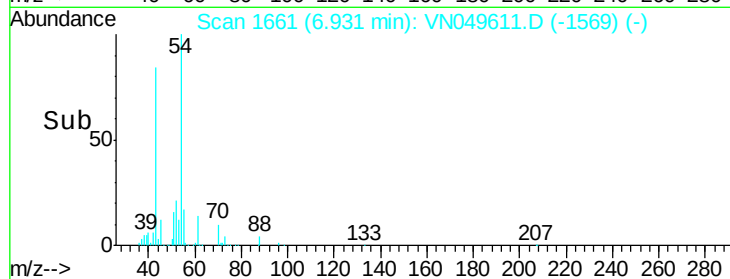
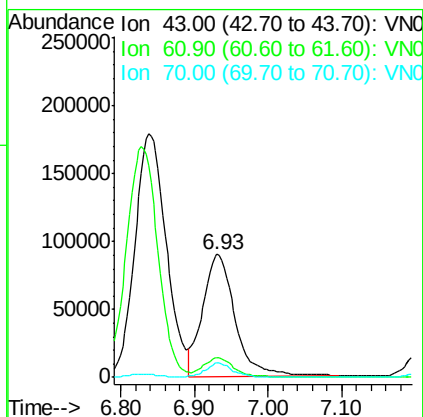
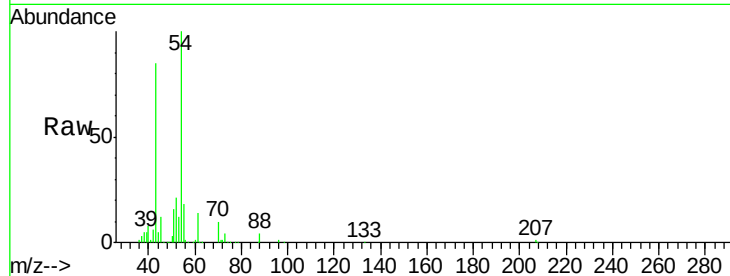




#37
Ethyl Acetate
Concen: 20.53 ug/l
RT: 6.93 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VN049611.D
Acq: 29 Jun 2018 1:17

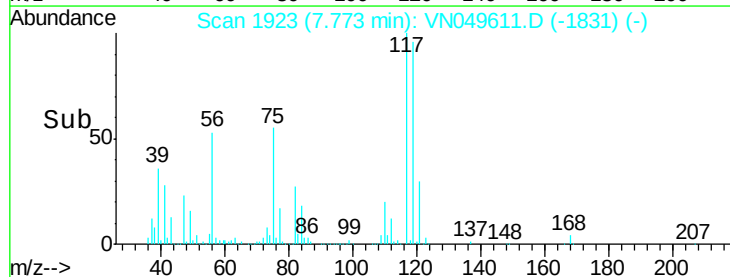
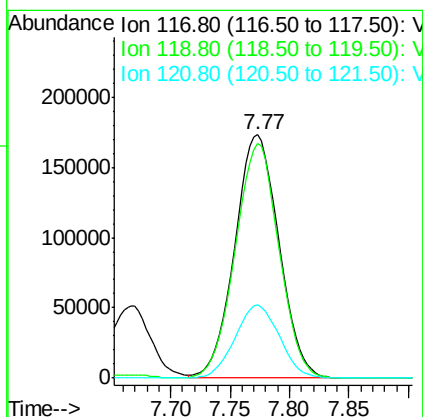
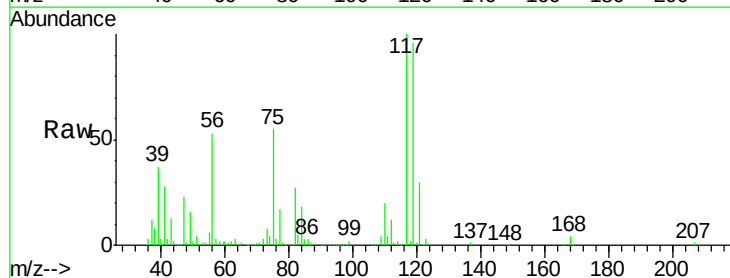
Instrument :
MSVOA_N
ClientSampled :

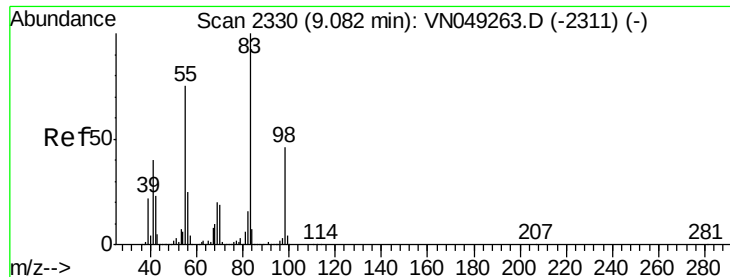
Tot Ion: 43 Resp: 273102
Ion Ratio Lower Upper
43 100
61 14.5 11.0 16.4
70 9.1 7.2 10.8



#38
Carbon Tetrachloride
Concen: 17.48 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN049611.D
Acq: 29 Jun 2018 1:17

Tgt Ion: 117 Resp: 442845
Ion Ratio Lower Upper
117 100
119 96.3 75.6 113.4
121 30.0 24.7 37.1

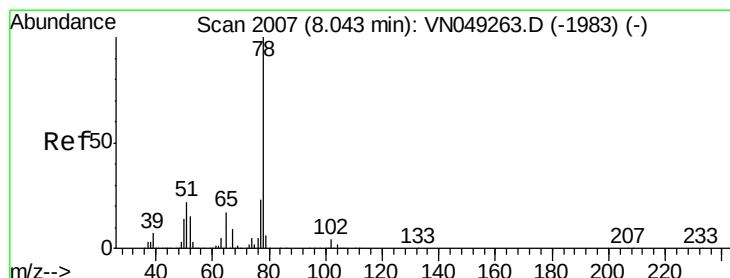
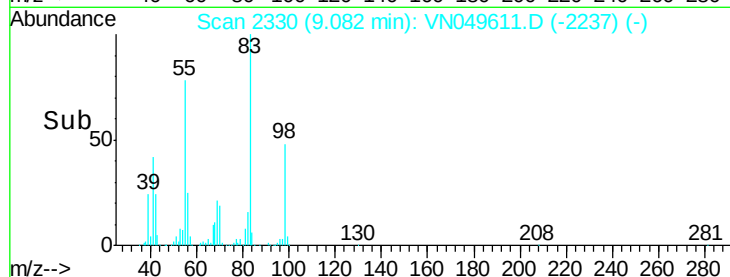
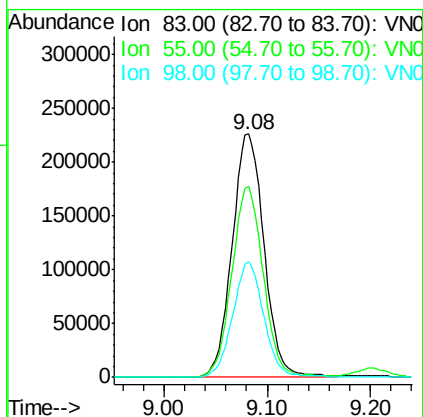
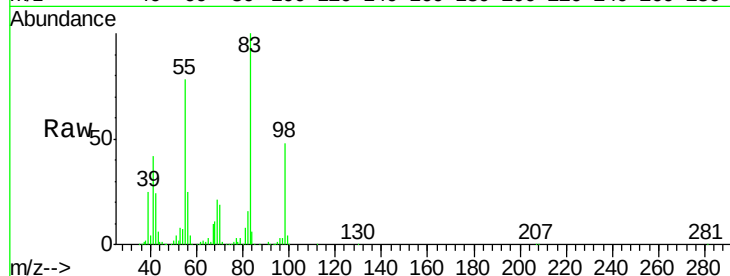




#39
Methylvlcyclohexane
Concen: 18.65 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049611.D
Acq: 29 Jun 2018 1:17

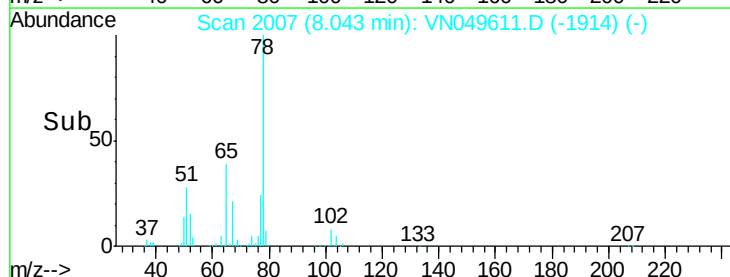
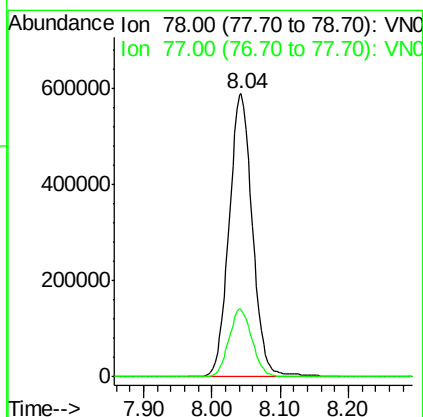
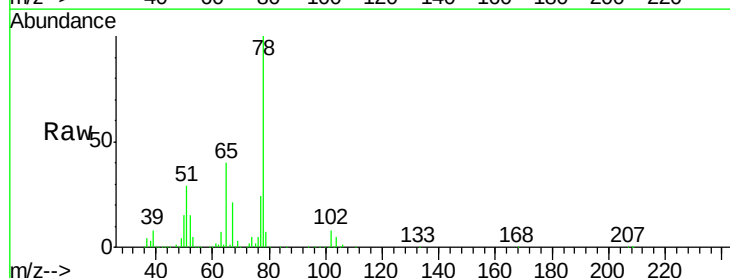
Instrument :
MSVOA_N
ClientSampleId :

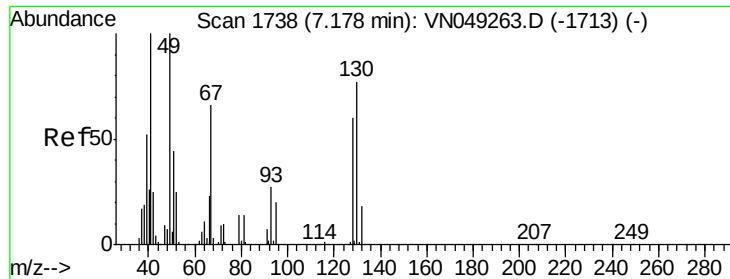
Tot Ion: 83 Resp: 489882
Ion Ratio Lower Upper
83 100
55 78.4 65.1 97.7
98 47.7 36.5 54.7



#40
Benzene
Concen: 18.69 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN049611.D
Acq: 29 Jun 2018 1:17

Tgt Ion: 78 Resp: 1401804
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0

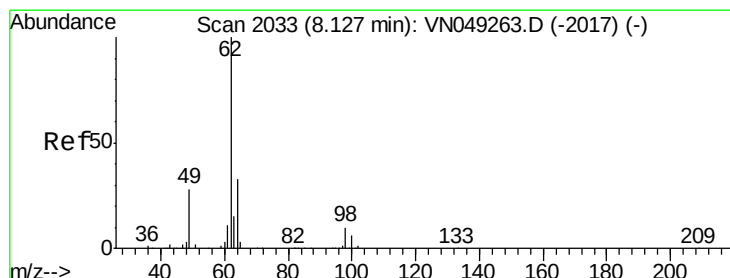
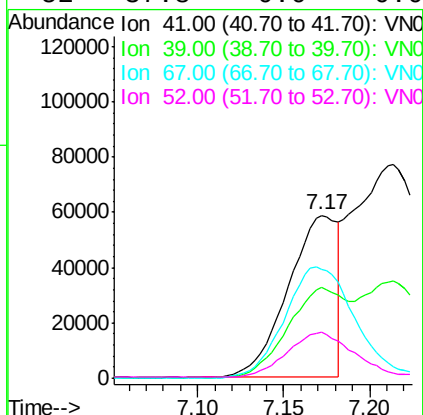
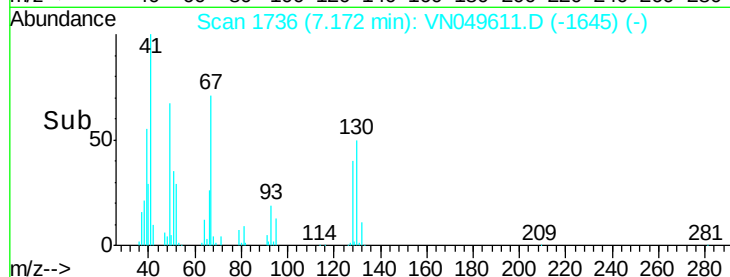
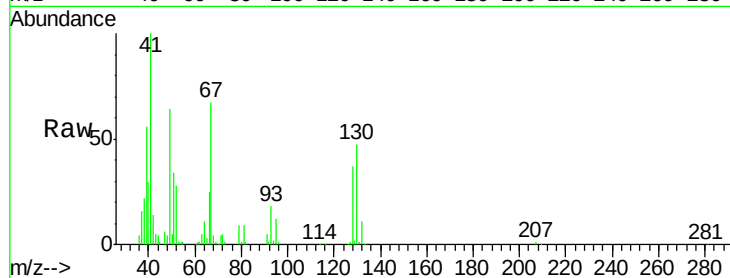




#41
Methacrylonitrile
Concen: 16.36 ug/l
RT: 7.17 min Scan# 1736
Delta R.T. -0.01 min
Lab File: VN049611.D
Acq: 29 Jun 2018 1:17

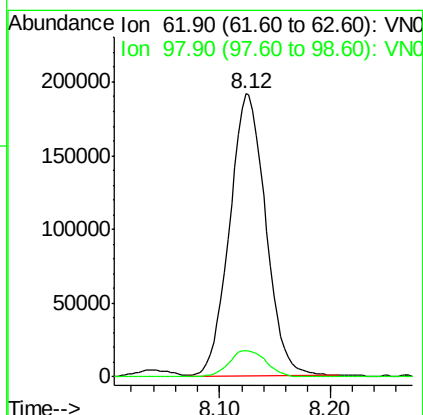
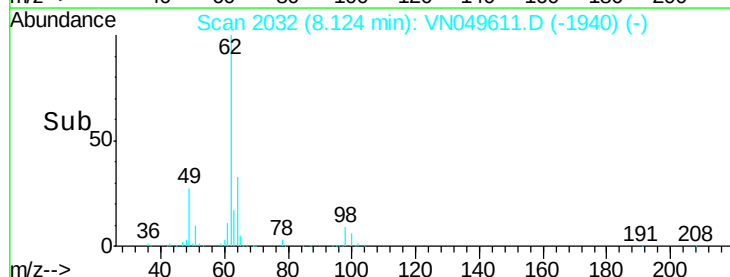
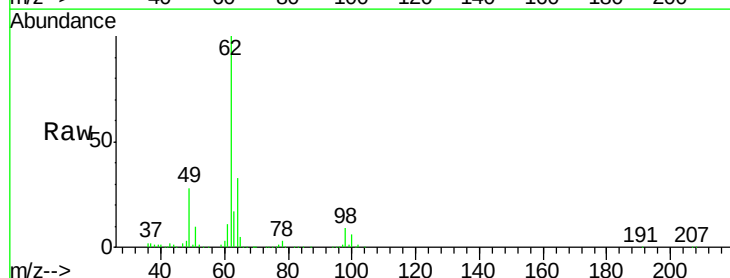
Instrument :
MSVOA_N
ClientSampleId :

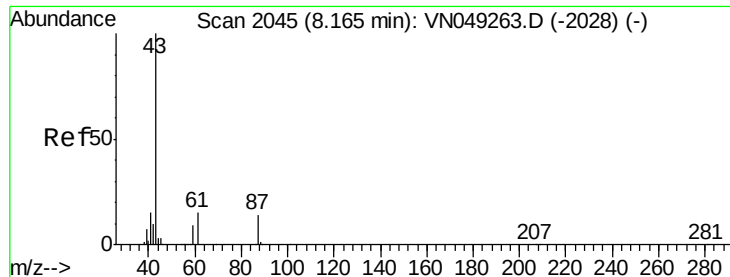
Tot Ion: 41 Resp: 117656
Ion Ratio Lower Upper
41 100
39 64.4 0.0 0.0#
67 99.6 0.0 0.0#
52 37.8 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 18.74 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. -0.00 min
Lab File: VN049611.D
Acq: 29 Jun 2018 1:17

Tgt Ion: 62 Resp: 434393
Ion Ratio Lower Upper
62 100
98 9.8 0.0 16.2





#43

Isopropyl Acetate

Concen: 21.79 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN049611.D

Acq: 29 Jun 2018 1:17

Instrument :

MSVOA_N

ClientSampleId :

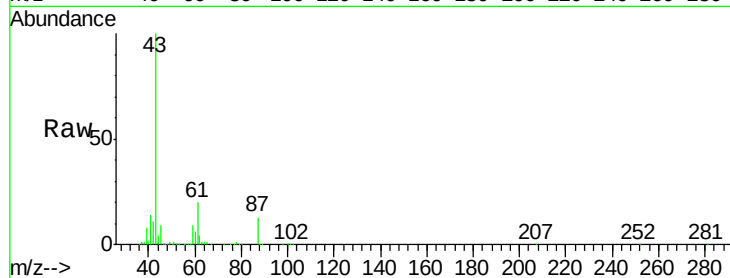
Tot Ion: 43 Resp: 553907

Ion Ratio Lower Upper

43 100

61 16.3 14.2 21.4

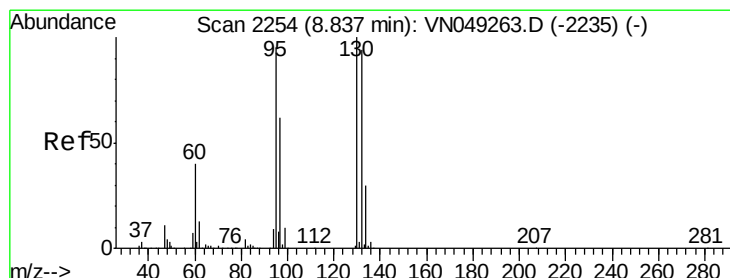
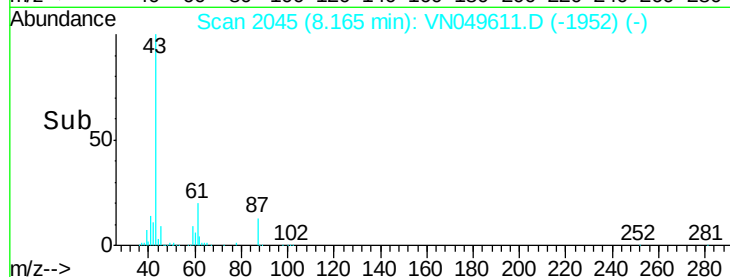
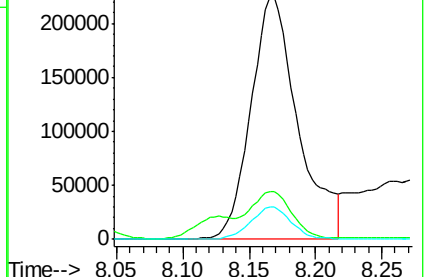
87 11.8 9.4 14.0



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

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

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



#44

Trichloroethene

Concen: 20.50 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049611.D

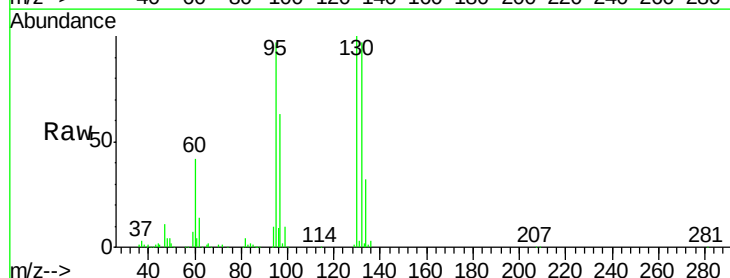
Acq: 29 Jun 2018 1:17

Tgt Ion:130 Resp: 406143

Ion Ratio Lower Upper

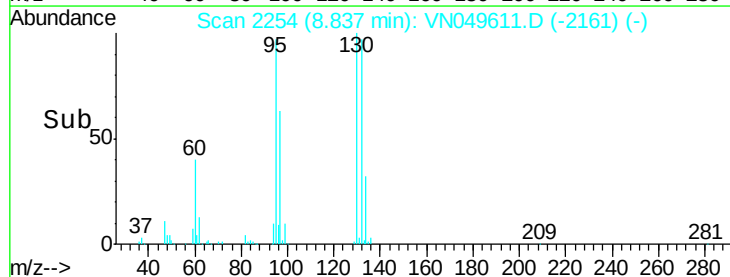
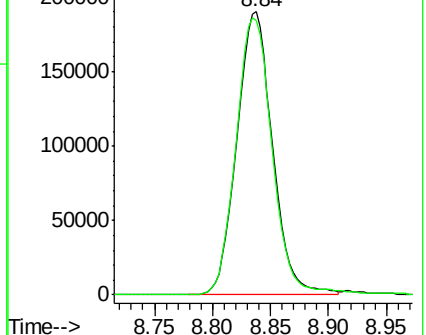
130 100

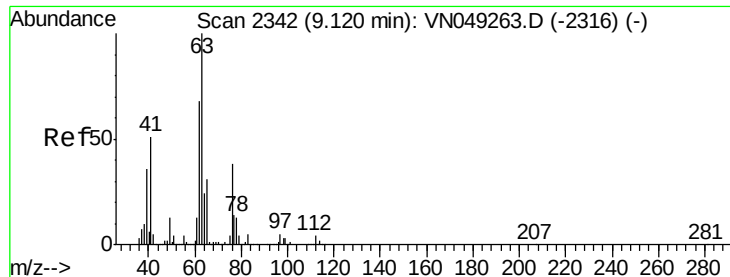
95 96.9 0.0 208.6



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

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

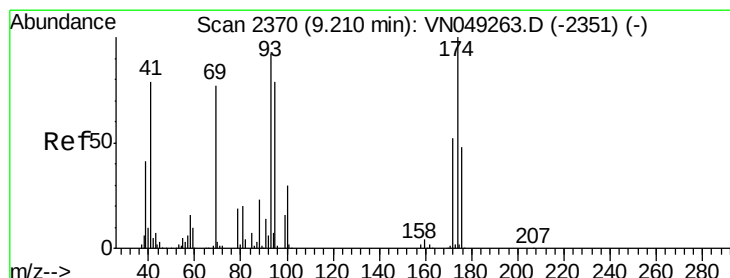
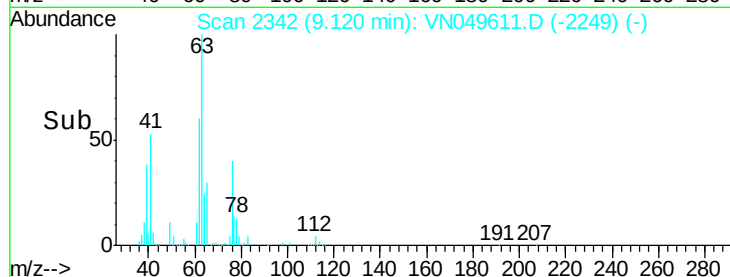
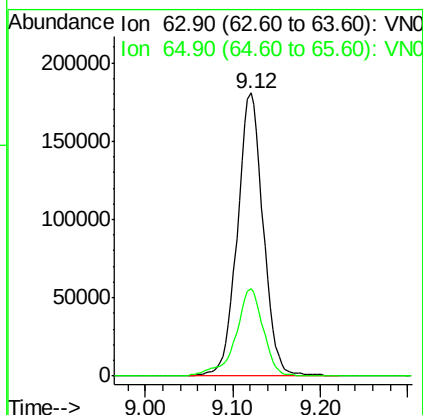
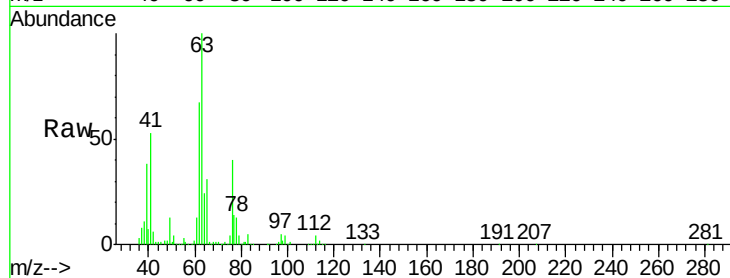




#45
 1,2-Dichloropropane
 Concen: 18.85 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN049611.D
 Acq: 29 Jun 2018 1:17

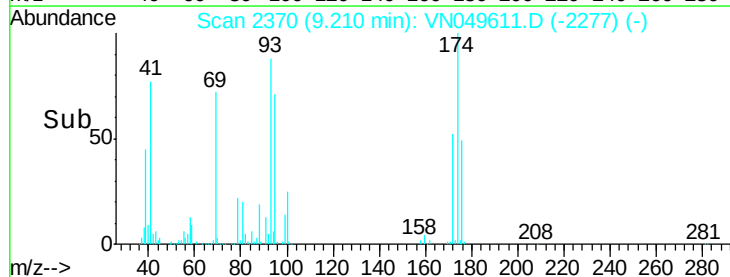
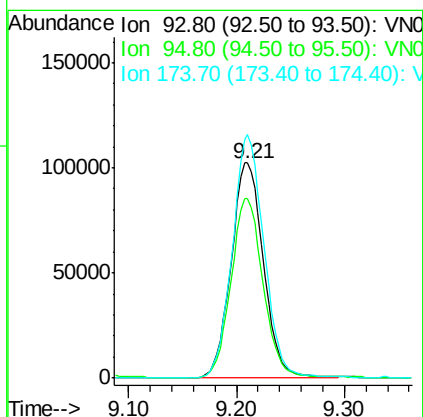
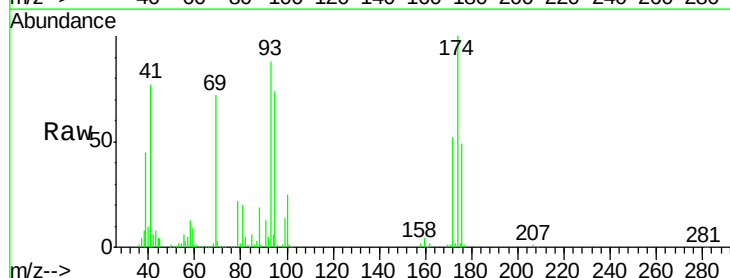
Instrument :
 MSVOA_N
 ClientSampled :

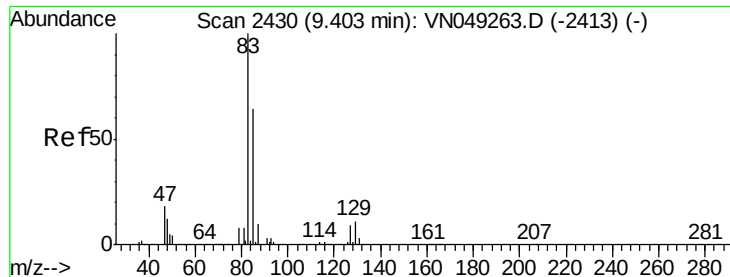
Tot Ion: 63 Resp: 370331
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.8 37.2



#46
 Dibromomethane
 Concen: 18.85 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: VN049611.D
 Acq: 29 Jun 2018 1:17

Tgt Ion: 93 Resp: 214692
 Ion Ratio Lower Upper
 93 100
 95 82.6 67.2 100.8
 174 110.8 75.6 113.4





#47

Bromodichloromethane

Concen: 18.65 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049611.D

Acq: 29 Jun 2018 1:17

Instrument :
MSVOA_N
ClientSampleId :

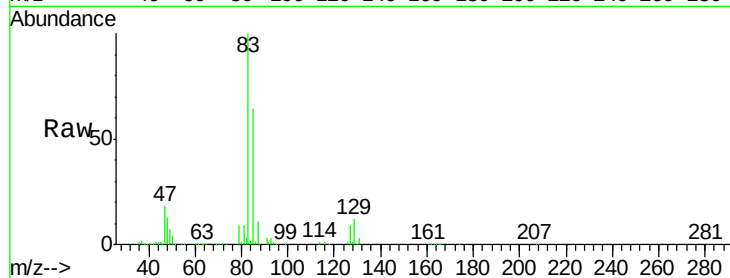
Tot Ion: 83 Resp: 466811

Ion Ratio Lower Upper

83 100

85 63.6 49.4 74.0

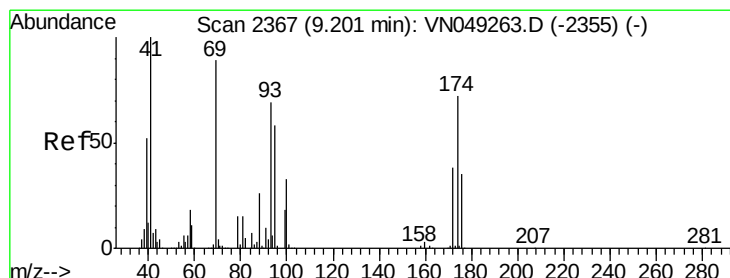
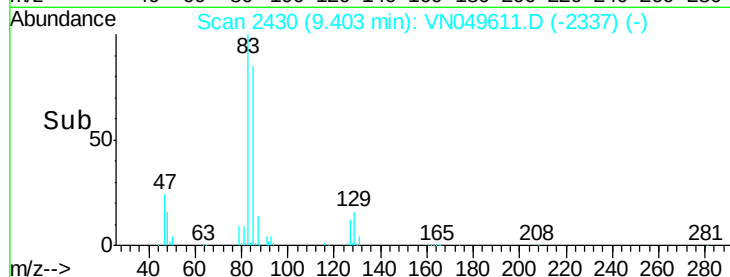
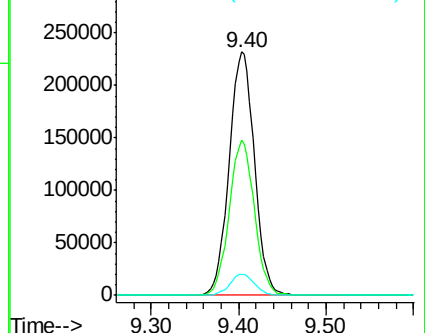
127 8.8 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN049611.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049611.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049611.D (-2337) (-)



#48

Methyl methacrylate

Concen: 19.20 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN049611.D

Acq: 29 Jun 2018 1:17

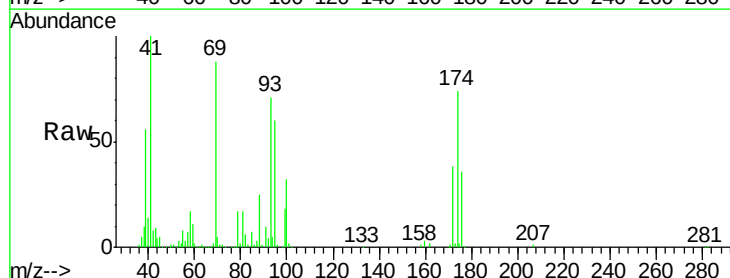
Tgt Ion: 41 Resp: 229767

Ion Ratio Lower Upper

41 100

69 89.1 62.0 93.0

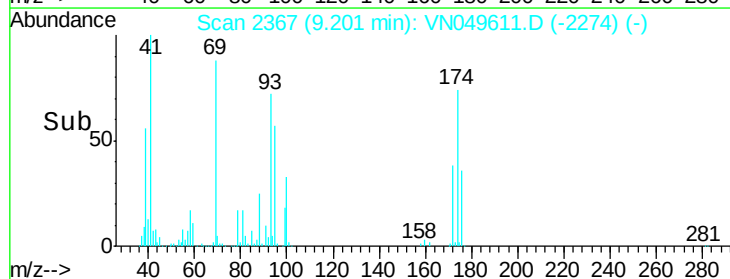
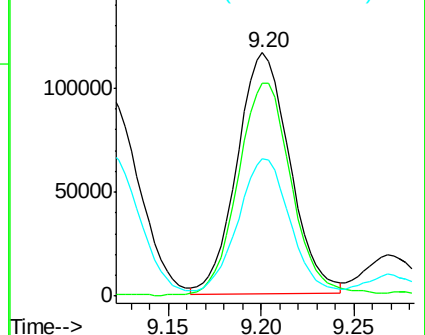
39 56.4 50.6 75.8

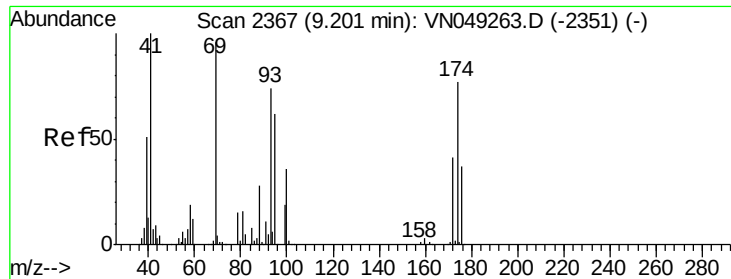


Abundance Ion 41.00 (40.70 to 41.70): VN049611.D (-2274) (-)

Ion 69.00 (68.70 to 69.70): VN049611.D (-2274) (-)

Ion 39.00 (38.70 to 39.70): VN049611.D (-2274) (-)





#49

1,4-Dioxane

Concen: 353.72 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN049611.D

Acq: 29 Jun 2018 1:17

Instrument :
MSVOA_N
ClientSampleId :

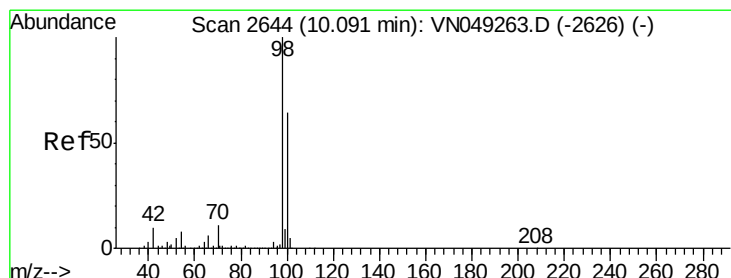
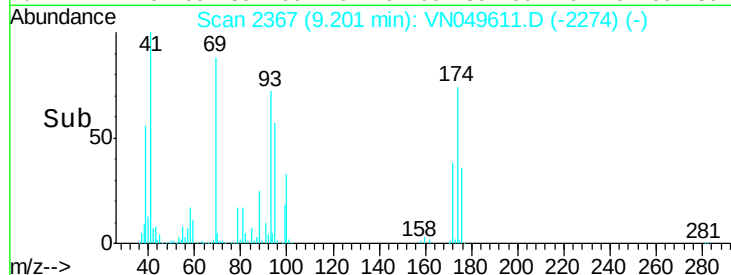
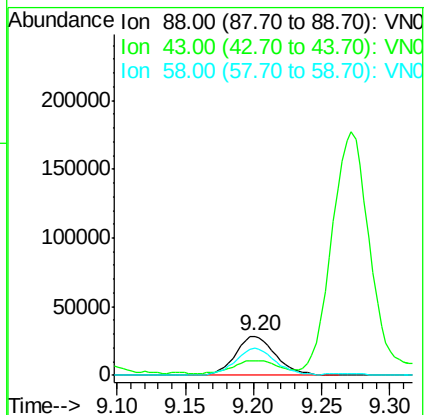
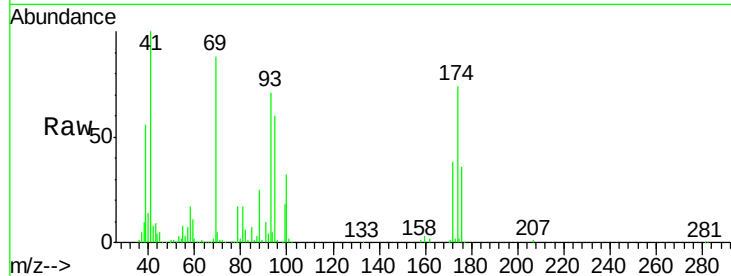
Tot Ion: 88 Resp: 58433

Ion Ratio Lower Upper

88 100

43 35.8 30.9 46.3

58 66.2 58.9 88.3



#50

Toluene-d8

Concen: 47.41 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049611.D

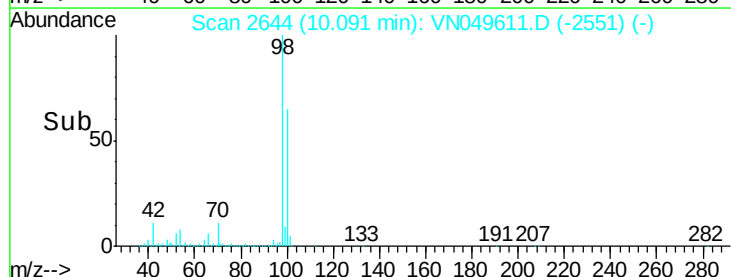
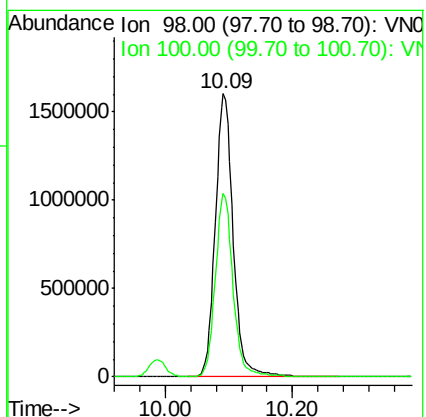
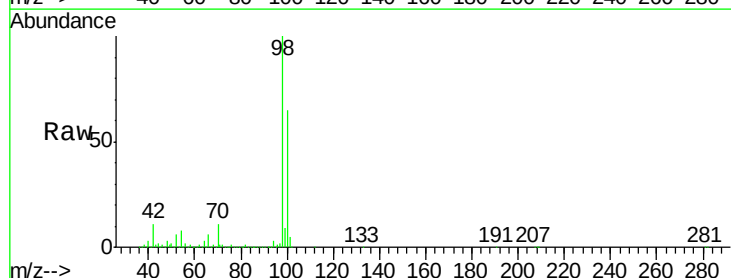
Acq: 29 Jun 2018 1:17

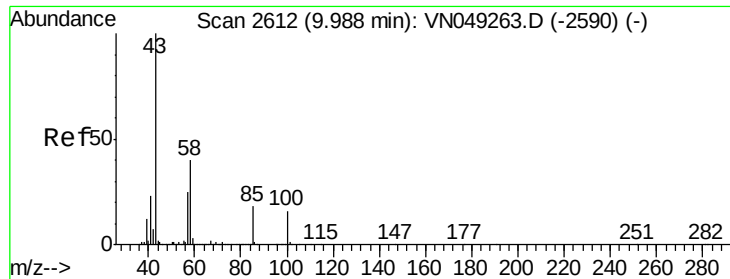
Tgt Ion: 98 Resp: 3118514

Ion Ratio Lower Upper

98 100

100 64.5 49.8 74.8

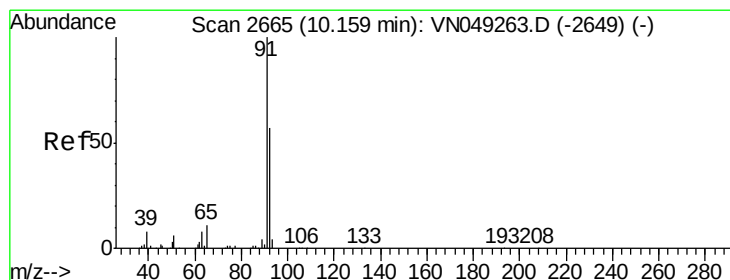
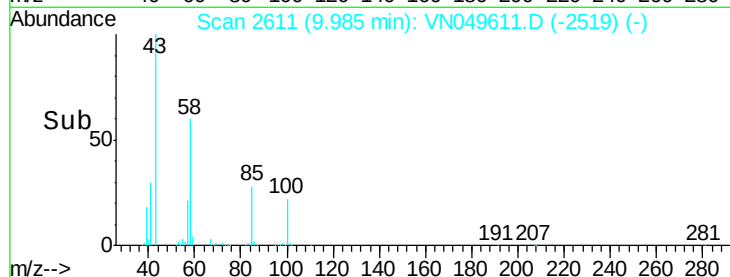
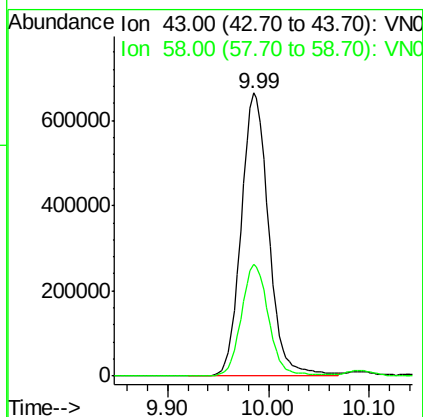
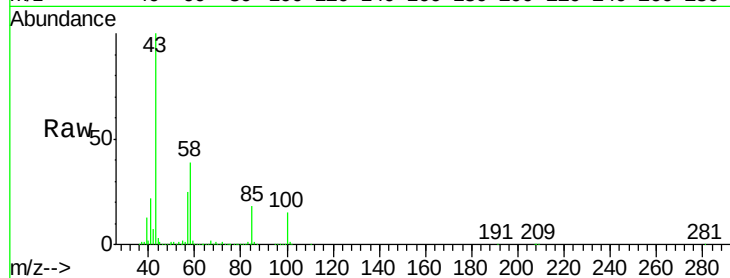




#51
4-Methyl-2-Pentanone
Concen: 93.43 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. -0.00 min
Lab File: VN049611.D
Acq: 29 Jun 2018 1:17

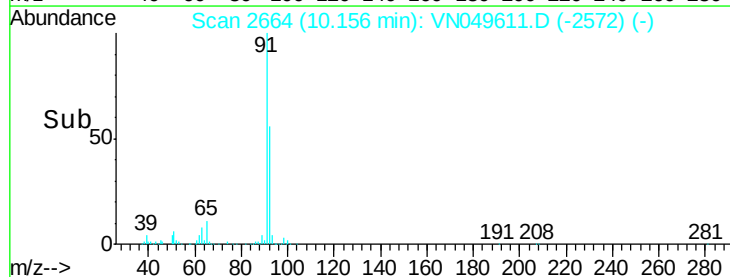
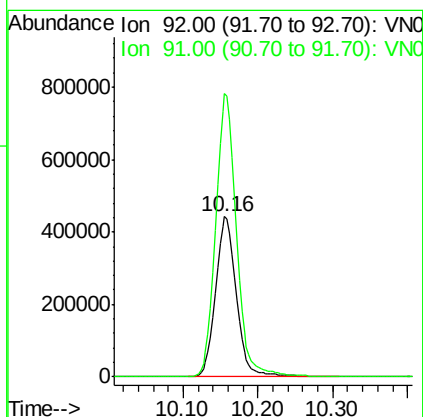
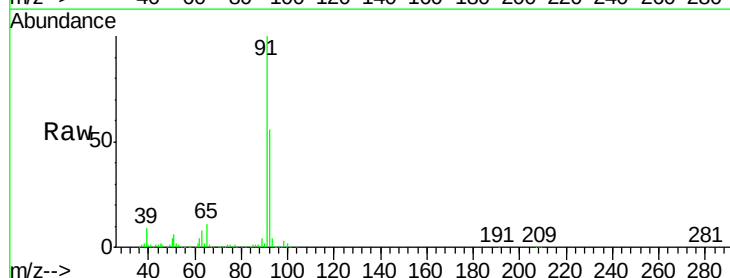
Instrument :
MSVOA_N
ClientSampled :

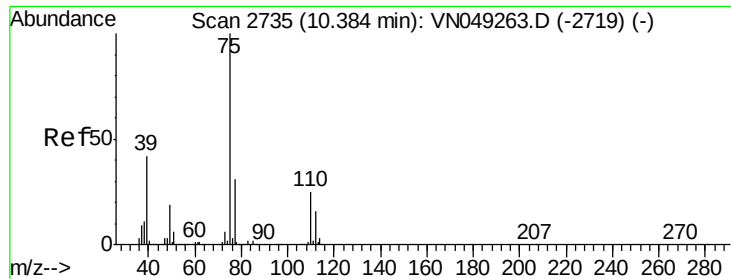
Tot Ion: 43 Resp: 1244638
Ion Ratio Lower Upper
43 100
58 39.4 29.0 43.6



#52
Toluene
Concen: 19.34 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. -0.00 min
Lab File: VN049611.D
Acq: 29 Jun 2018 1:17

Tgt Ion: 92 Resp: 851519
Ion Ratio Lower Upper
92 100
91 177.9 143.4 215.2





#53

t-1,3-Dichloropropene

Concen: 17.22 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049611.D

Acq: 29 Jun 2018 1:17

Instrument :

MSVOA_N

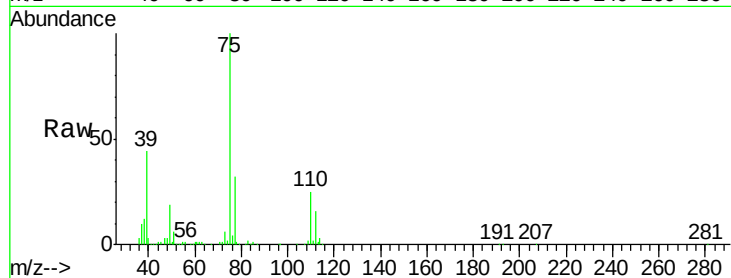
ClientSampled :

Tot Ion: 75 Resp: 412228

Ion Ratio Lower Upper

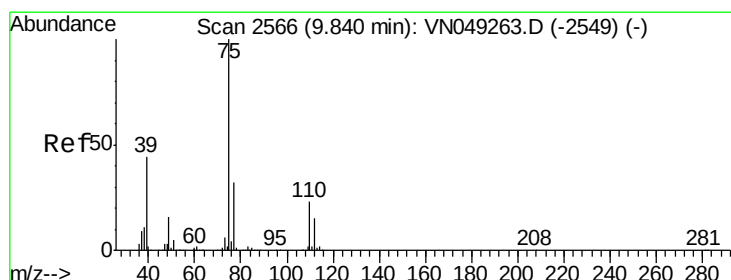
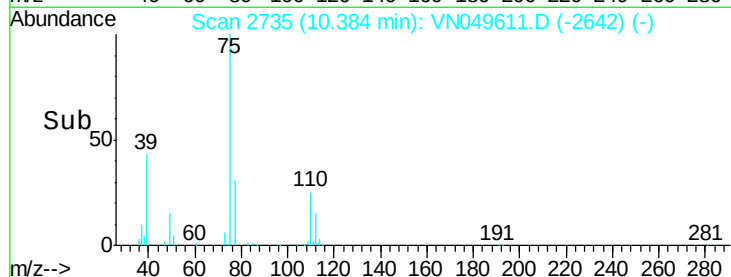
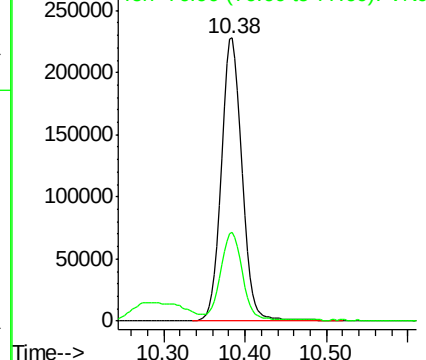
75 100

77 31.1 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 17.66 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049611.D

Acq: 29 Jun 2018 1:17

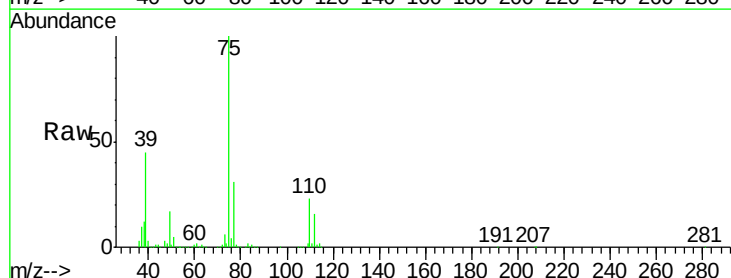
Tgt Ion: 75 Resp: 499230

Ion Ratio Lower Upper

75 100

77 31.4 24.8 37.2

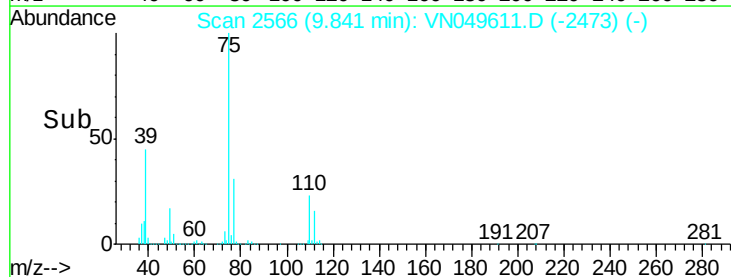
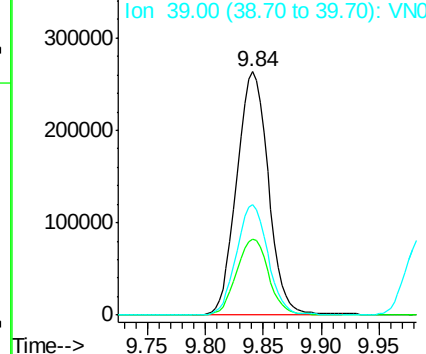
39 45.3 45.1 67.7

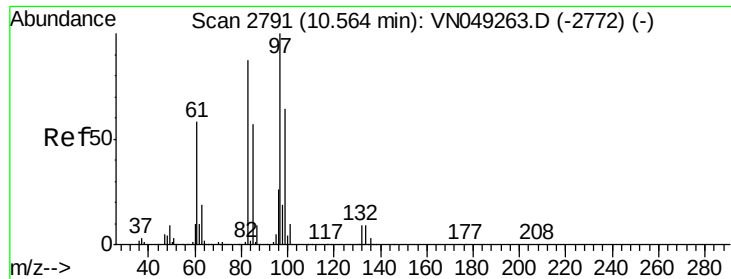


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

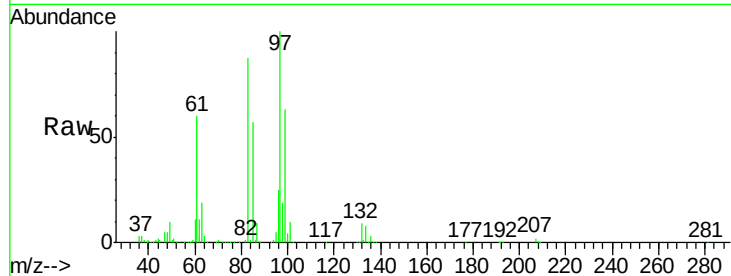




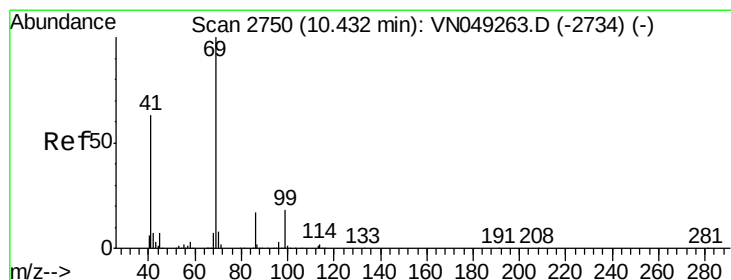
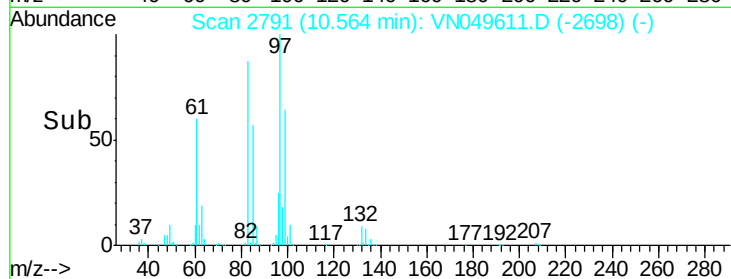
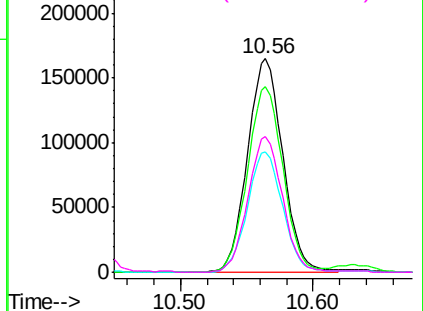
#55
 1,1,2-Trichloroethane
 Concen: 18.62 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049611.D
 Acq: 29 Jun 2018 1:17

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:	97	Resp:	305692
Ion	Ratio	Lower	Upper
97	100		
83	87.0	71.5	107.3
85	56.6	47.0	70.4
99	63.4	51.4	77.2

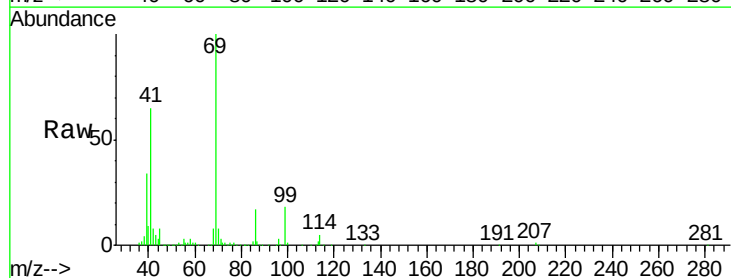


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

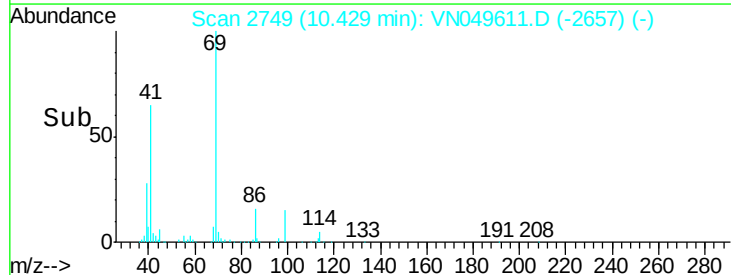
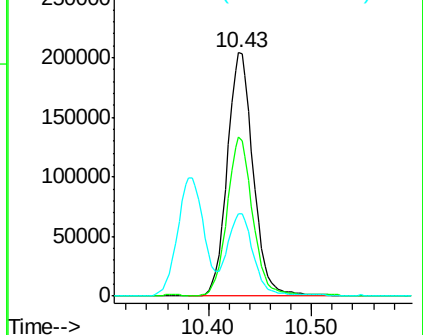


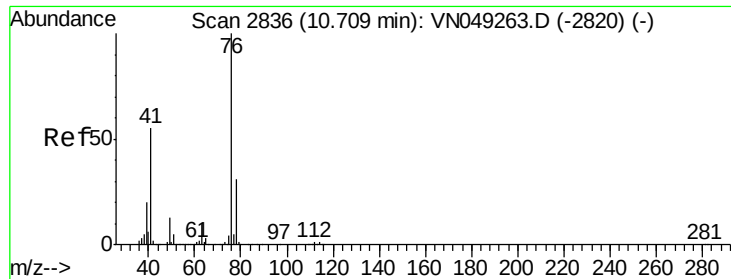
#56
 Ethyl methacrylate
 Concen: 18.97 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. -0.00 min
 Lab File: VN049611.D
 Acq: 29 Jun 2018 1:17

Tgt Ion:	69	Resp:	359172
Ion	Ratio	Lower	Upper
69	100		
41	63.9	58.4	87.6
39	31.9	35.5	53.3#



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





#57

1,3-Dichloropropane

Concen: 18.29 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049611.D

Acq: 29 Jun 2018 1:17

Instrument :

MSVOA_N

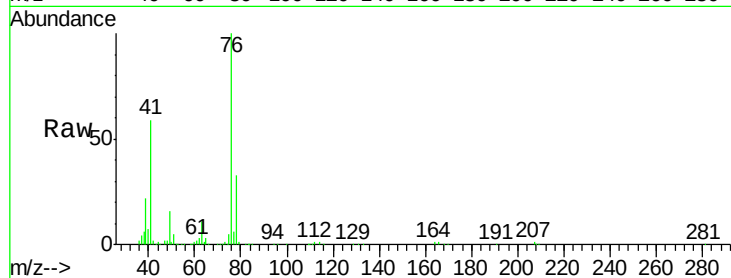
ClientSampled :

Tot Ion: 76 Resp: 497331

Ion Ratio Lower Upper

76 100

78 32.8 26.3 39.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

250000

200000

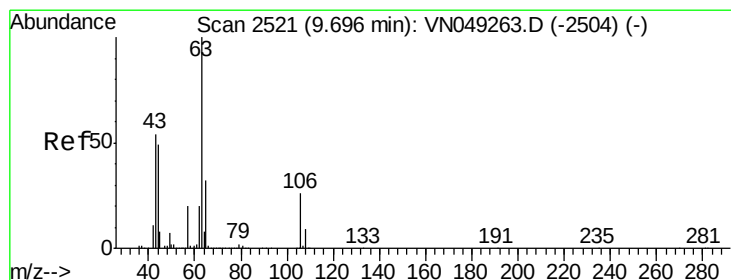
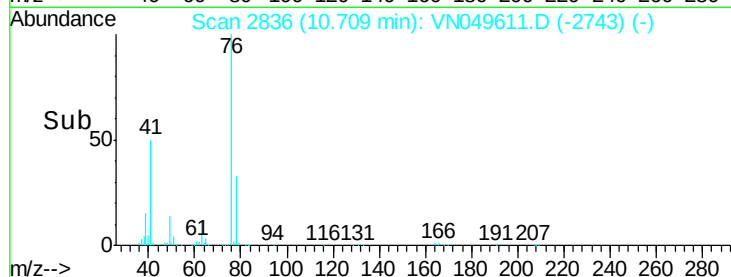
150000

100000

50000

0

Time--> 10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 127.44 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049611.D

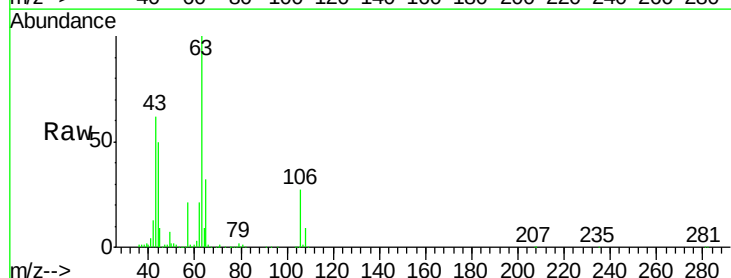
Acq: 29 Jun 2018 1:17

Tgt Ion: 63 Resp: 812337

Ion Ratio Lower Upper

63 100

106 26.9 19.4 29.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.70

500000

400000

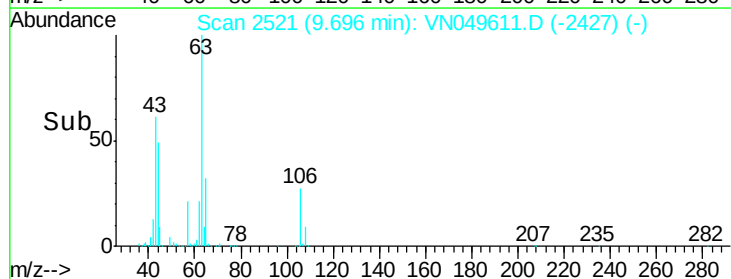
300000

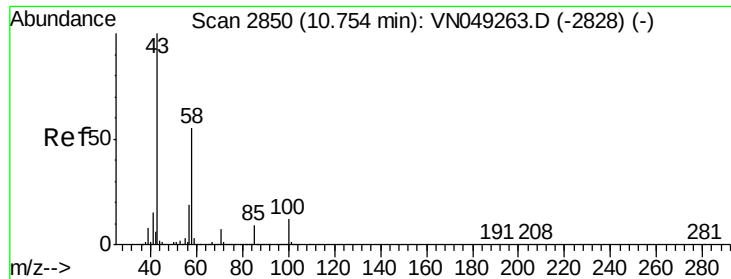
200000

100000

0

Time--> 9.60 9.70 9.80

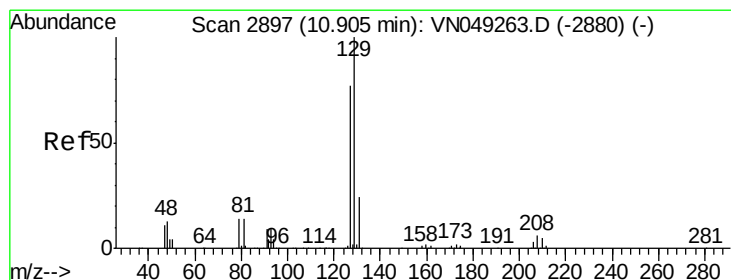
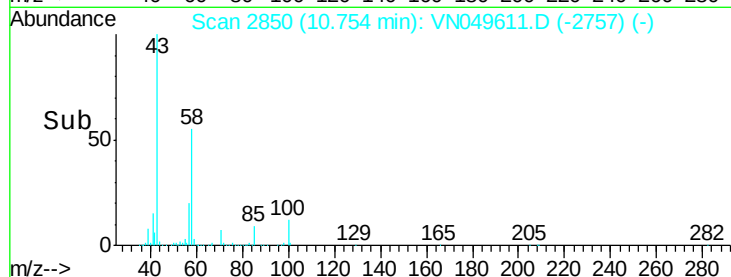
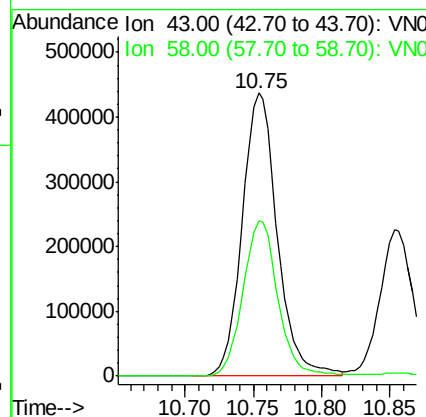
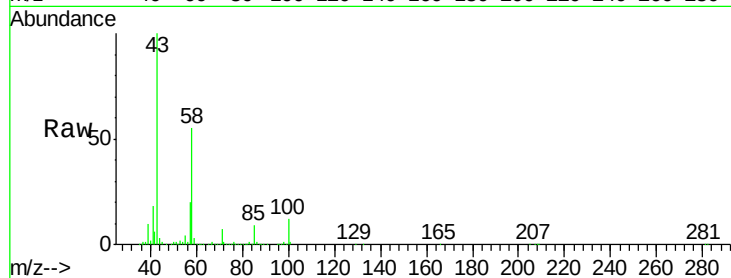




#59
2-Hexanone
Concen: 90.21 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049611.D
Acq: 29 Jun 2018 1:17

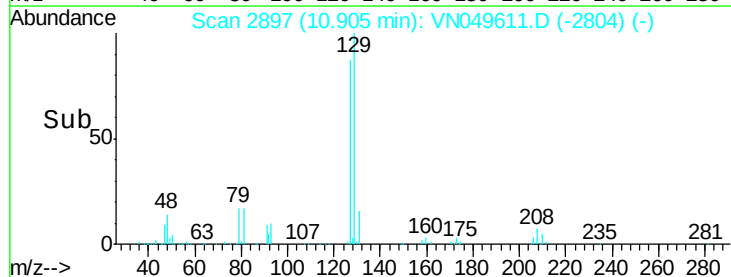
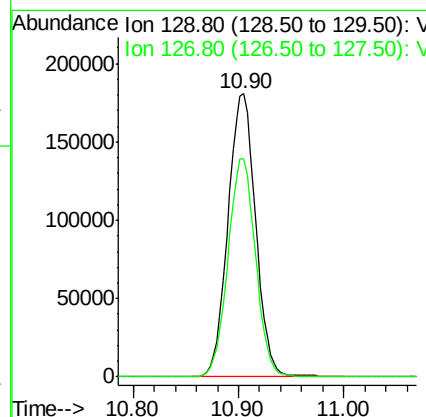
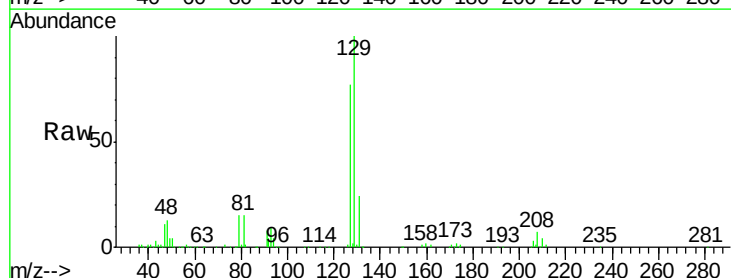
Instrument :
MSVOA_N
ClientSampled :

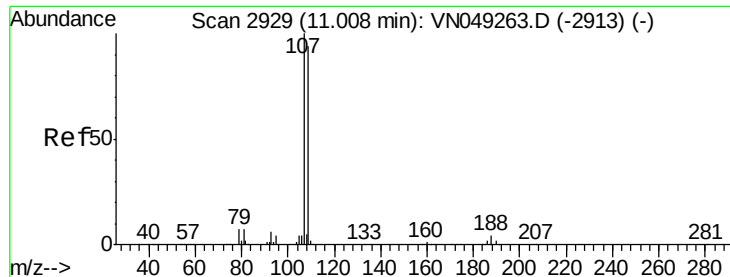
Tot Ion: 43 Resp: 774694
Ion Ratio Lower Upper
43 100
58 55.1 25.2 75.6



#60
Dibromochloromethane
Concen: 17.95 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN049611.D
Acq: 29 Jun 2018 1:17

Tgt Ion: 129 Resp: 328795
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.2

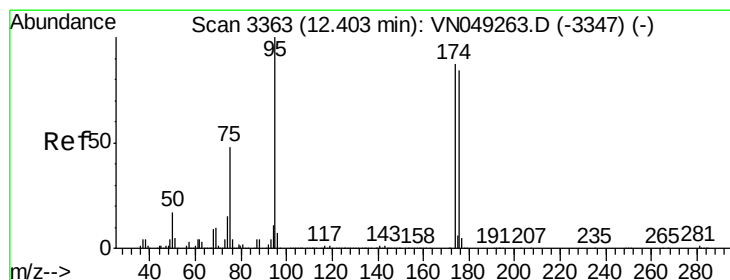
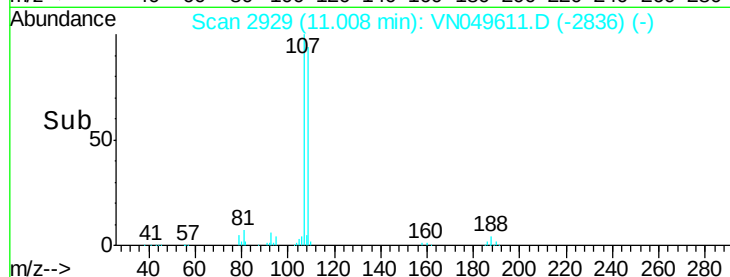
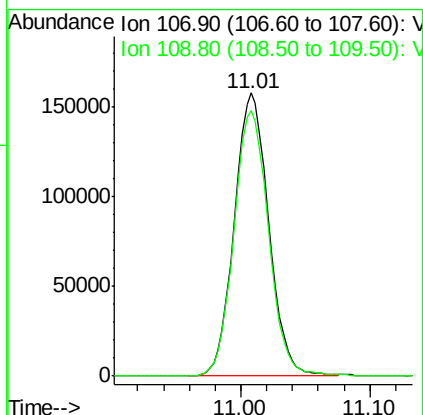
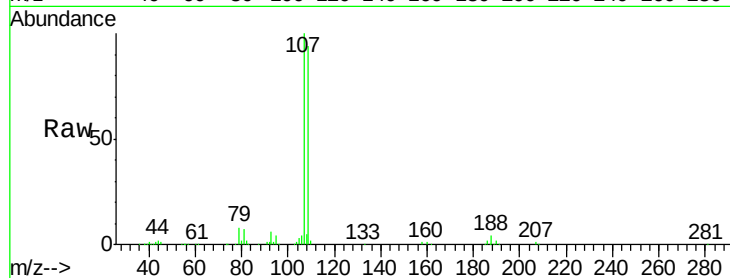




#61
 1,2-Dibromoethane
 Concen: 19.17 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN049611.D
 Acq: 29 Jun 2018 1:17

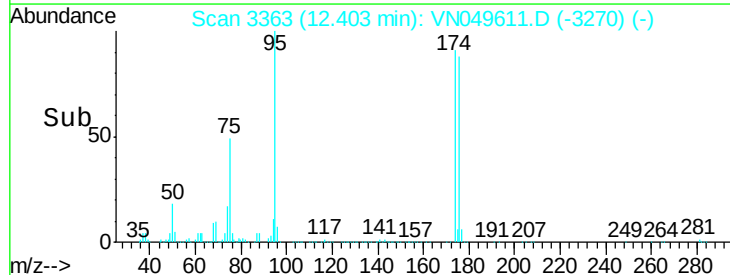
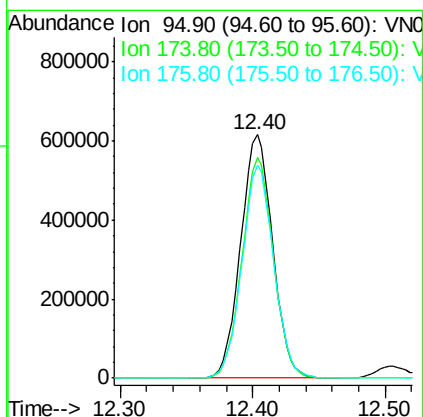
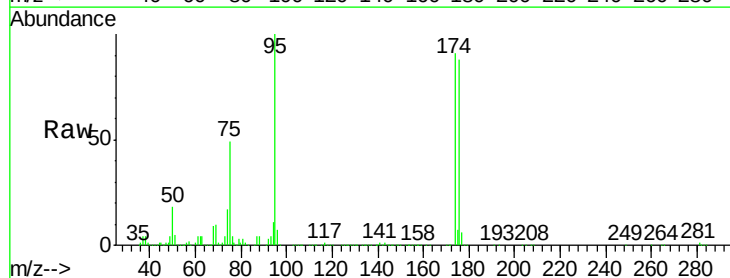
Instrument :
 MSVOA_N
 ClientSampleId :

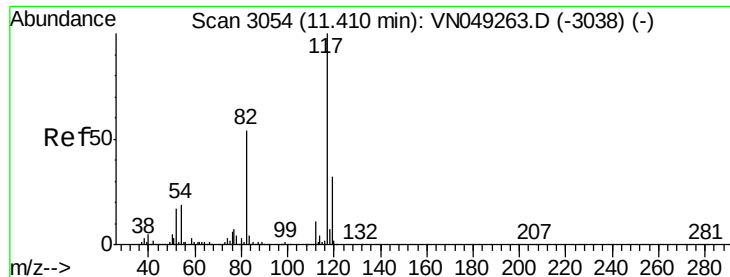
Tot Ion: 107 Resp: 292547
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 47.41 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049611.D
 Acq: 29 Jun 2018 1:17

Tgt Ion: 95 Resp: 1031066
 Ion Ratio Lower Upper
 95 100
 174 89.1 0.0 165.6
 176 86.8 0.0 157.4

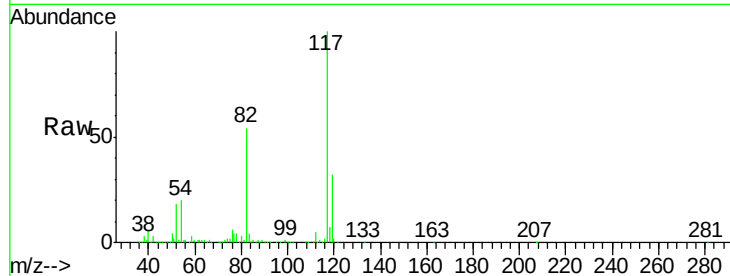




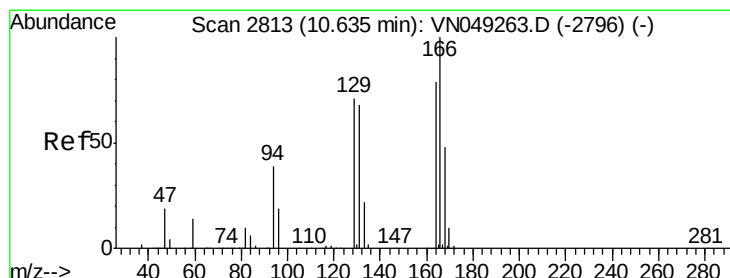
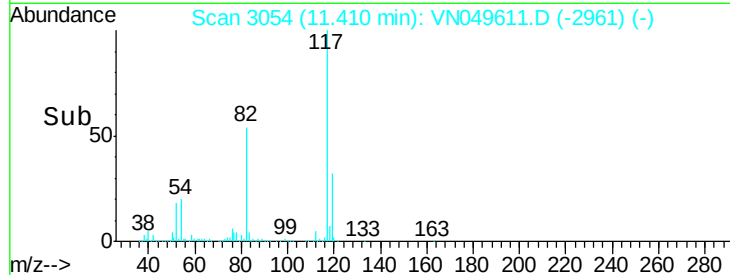
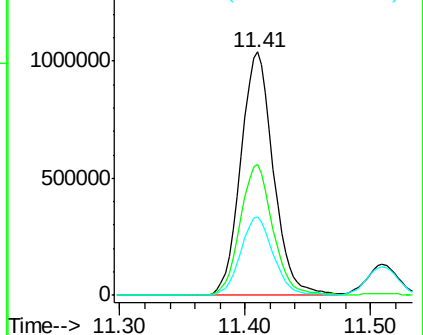
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049611.D
Acq: 29 Jun 2018 1:17

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 1882985
Ion Ratio Lower Upper
117 100
82 53.7 45.9 68.9
119 32.1 25.5 38.3

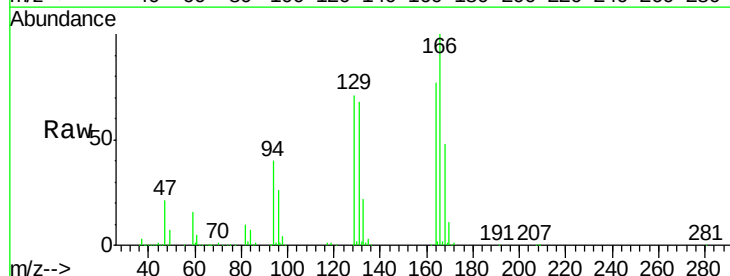


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

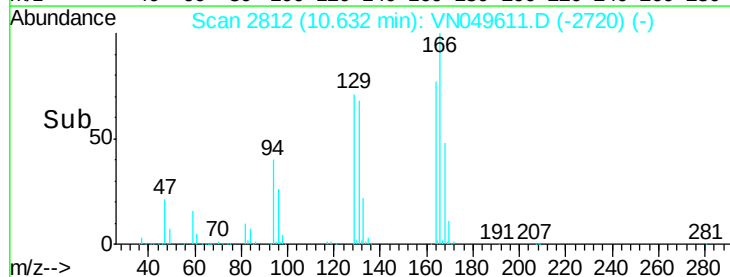
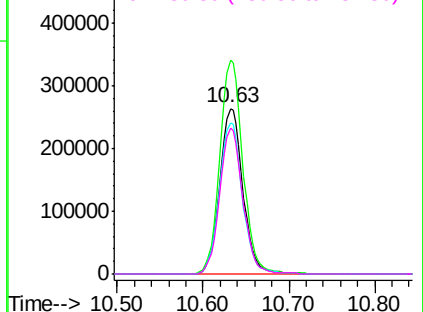


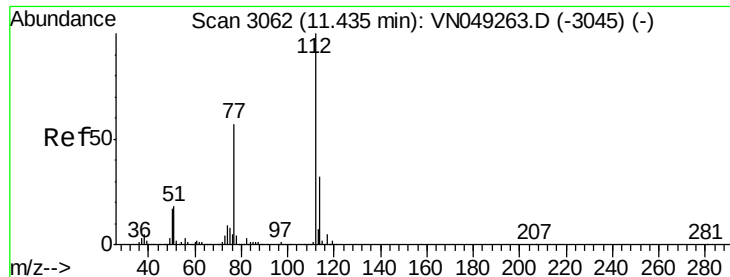
#64
Tetrachloroethene
Concen: 25.57 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN049611.D
Acq: 29 Jun 2018 1:17

Tgt Ion:164 Resp: 493347
Ion Ratio Lower Upper
164 100
166 129.2 101.4 152.2
129 91.7 74.1 111.1
131 88.2 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

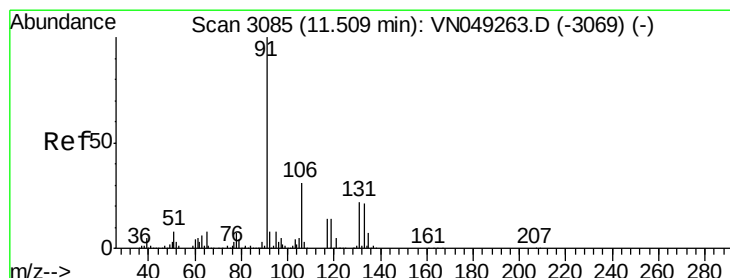
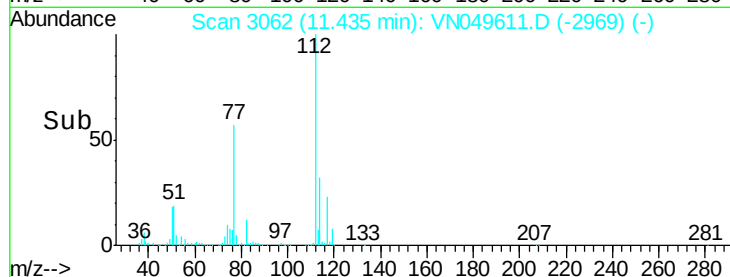
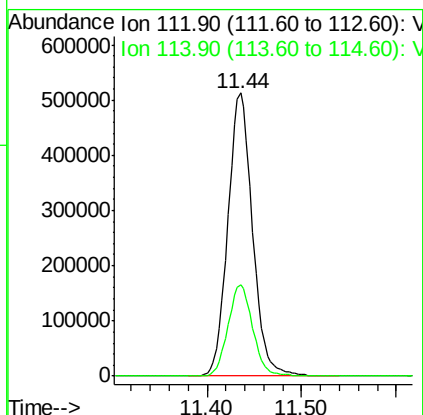
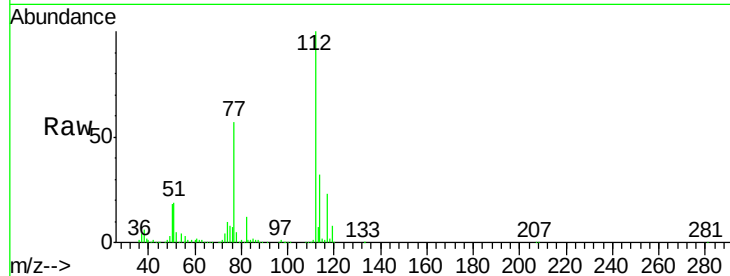




#65
Chlorobenzene
Concen: 19.16 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN049611.D
Acq: 29 Jun 2018 1:17

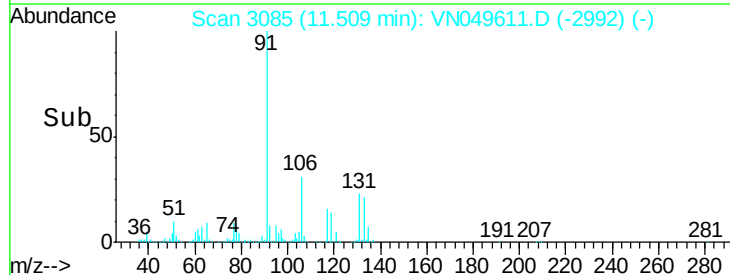
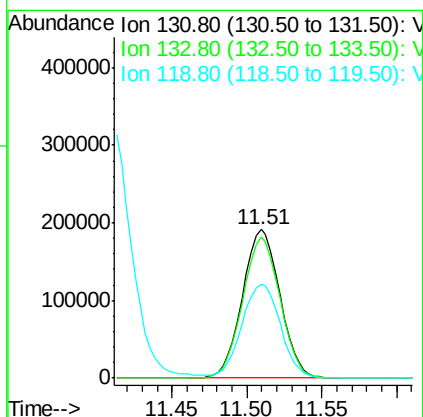
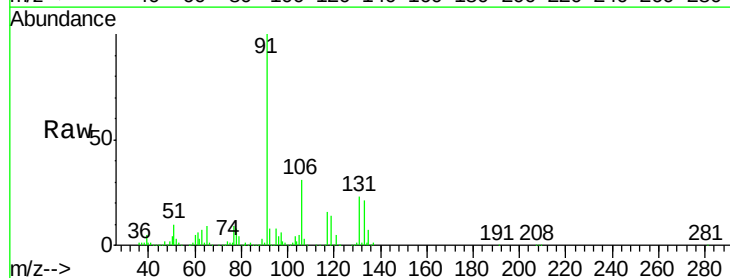
Instrument :
MSVOA_N
ClientSampled :

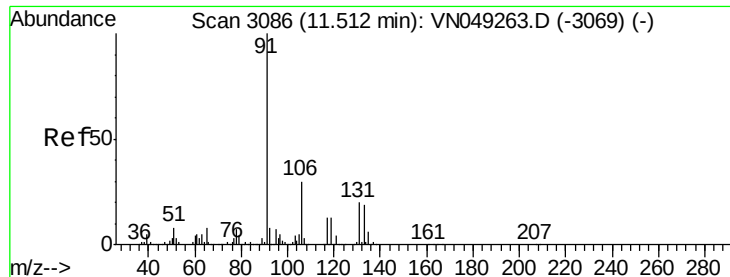
Tot Ion:112 Resp: 929607
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.36 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VN049611.D
Acq: 29 Jun 2018 1:17

Tgt Ion:131 Resp: 335195
Ion Ratio Lower Upper
131 100
133 94.5 48.0 144.2
119 65.3 33.6 100.8





#67

Ethyl Benzene

Concen: 19.23 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049611.D

Acq: 29 Jun 2018 1:17

Instrument :

MSVOA_N

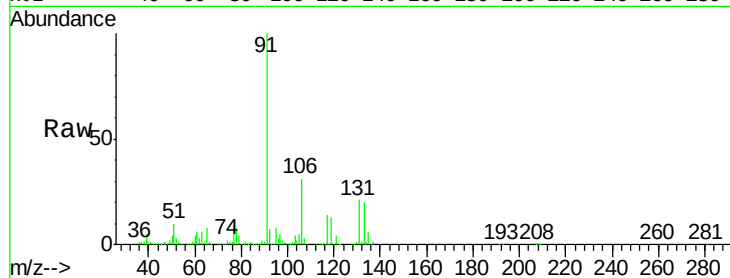
ClientSampled :

Tot Ion: 91 Resp: 1547140

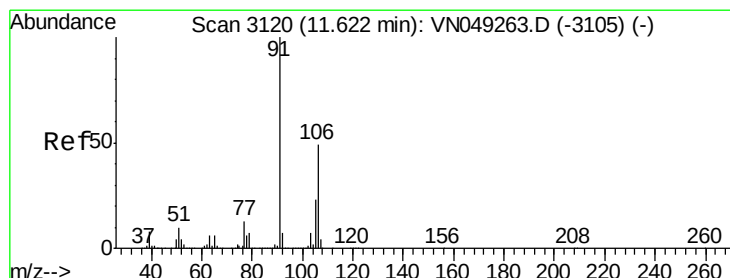
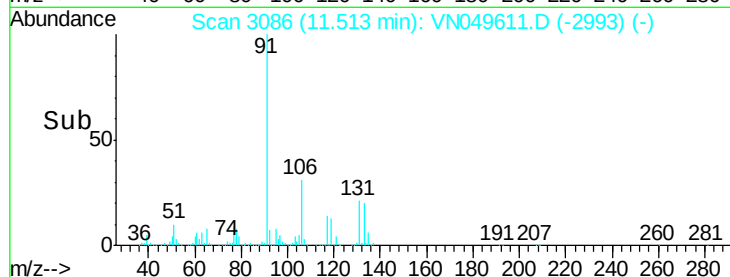
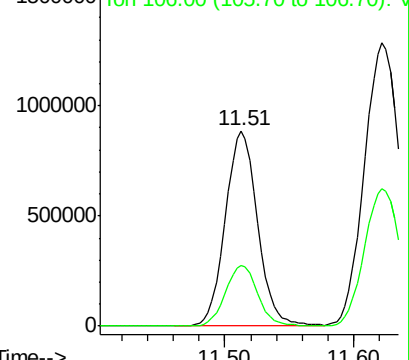
Ion Ratio Lower Upper

91 100

106 31.3 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN049611.D (-2993) (-)



#68

m/p-Xylenes

Concen: 40.34 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN049611.D

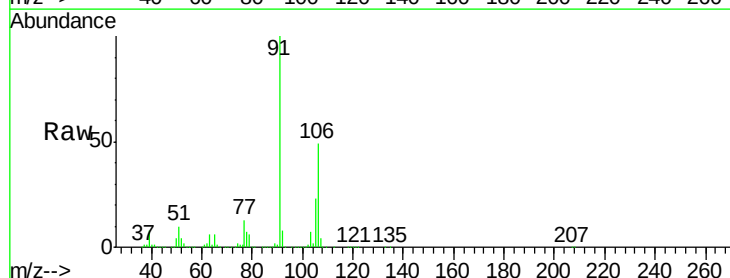
Acq: 29 Jun 2018 1:17

Tgt Ion: 106 Resp: 1218010

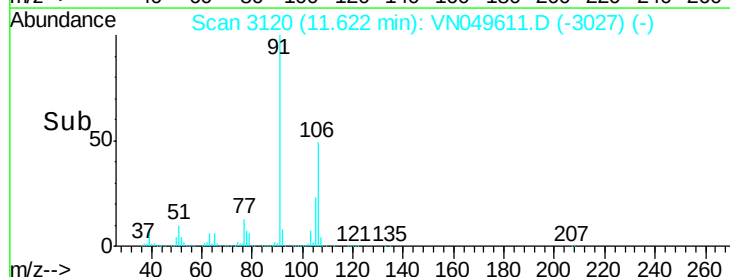
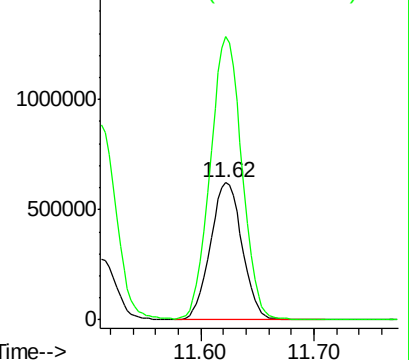
Ion Ratio Lower Upper

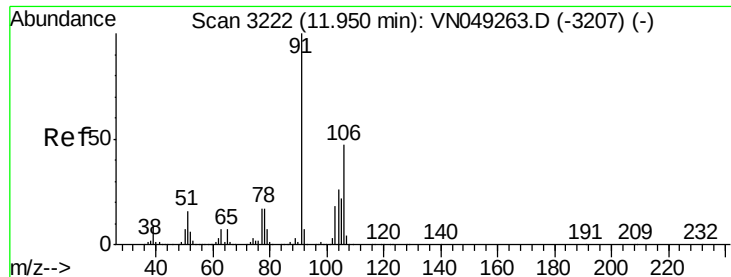
106 100

91 205.1 167.3 250.9



Abundance Ion 106.00 (105.70 to 106.70): VN049611.D (-3027) (-)





#69

o-Xylene

Concen: 20.04 ug/l

RT: 11.95 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN049611.D

Acq: 29 Jun 2018 1:17

Instrument :

MSVOA_N

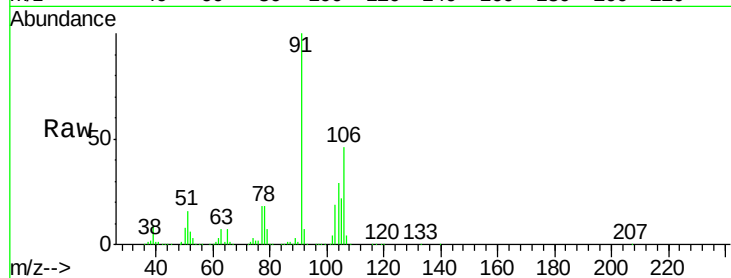
ClientSampleId :

Tot Ion:106 Resp: 582886

Ion Ratio Lower Upper

106 100

91 216.4 111.0 333.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

800000

600000

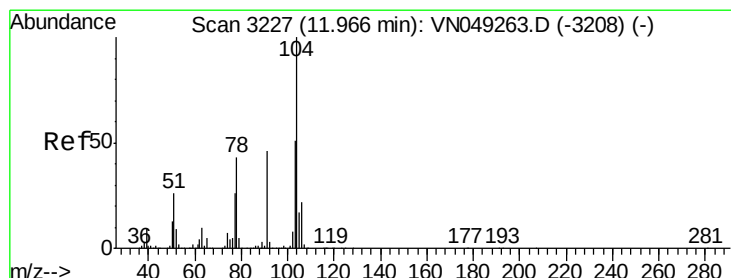
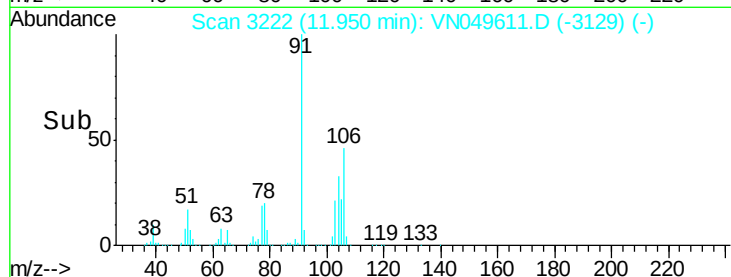
400000

200000

0

11.85 11.90 11.95 12.00

Time-->



#70

Styrene

Concen: 20.76 ug/l

RT: 11.97 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VN049611.D

Acq: 29 Jun 2018 1:17

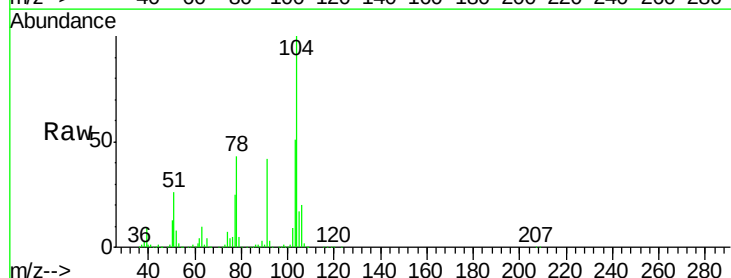
Tgt Ion:104 Resp: 952364

Ion Ratio Lower Upper

104 100

78 48.2 41.6 62.4

103 55.5 45.4 68.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN0

Ion 103.00 (102.70 to 103.70): V

600000

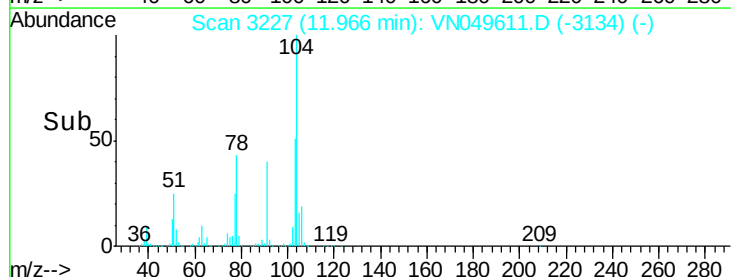
400000

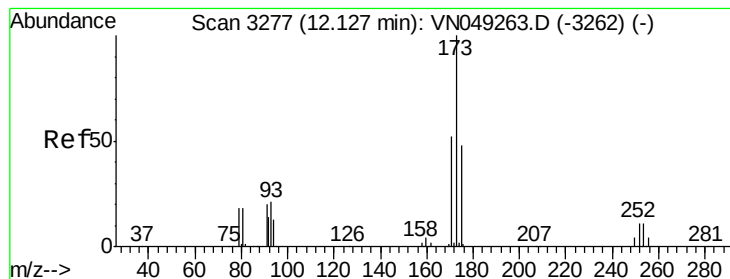
200000

0

11.90 11.95 12.00 12.10

Time-->





#71

Bromoform

Concen: 18.01 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN049611.D

Acq: 29 Jun 2018 1:17

Instrument :

MSVOA_N

ClientSampled :

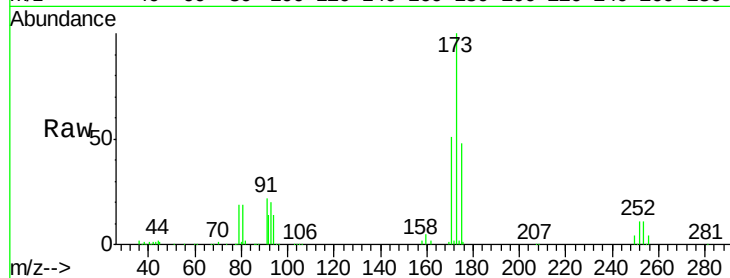
Tot Ion:173 Resp: 212790

Ion Ratio Lower Upper

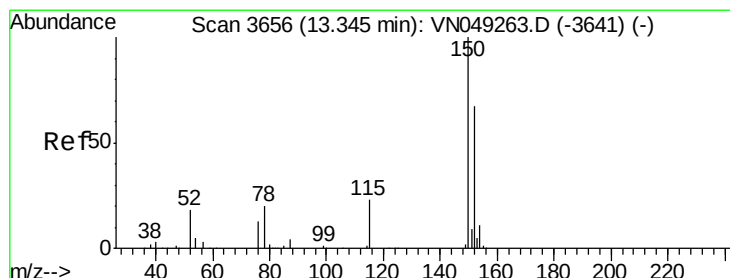
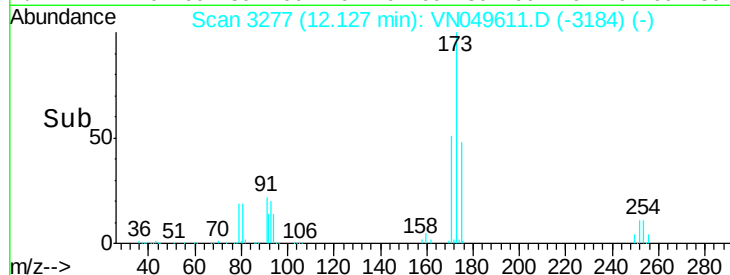
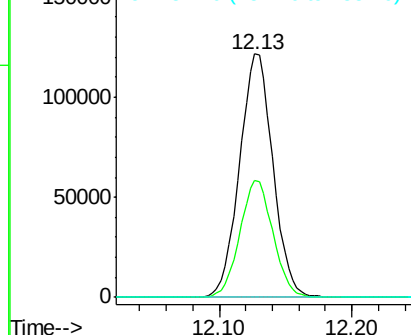
173 100

175 47.7 24.5 73.5

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049611.D

Acq: 29 Jun 2018 1:17

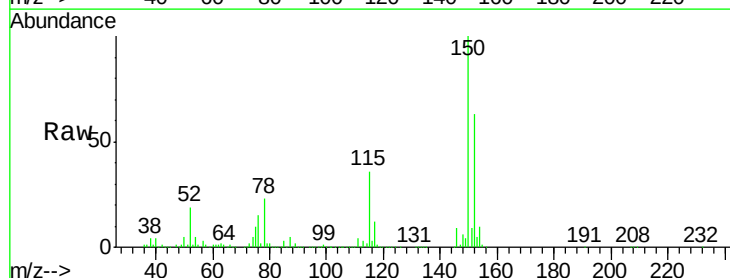
Tgt Ion:152 Resp: 972018

Ion Ratio Lower Upper

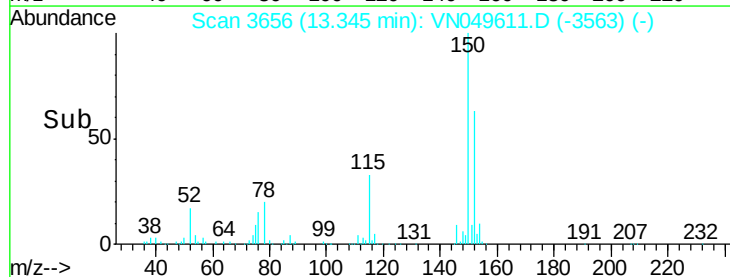
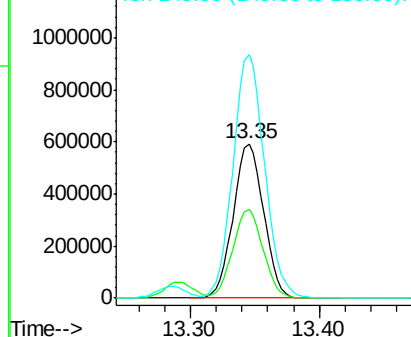
152 100

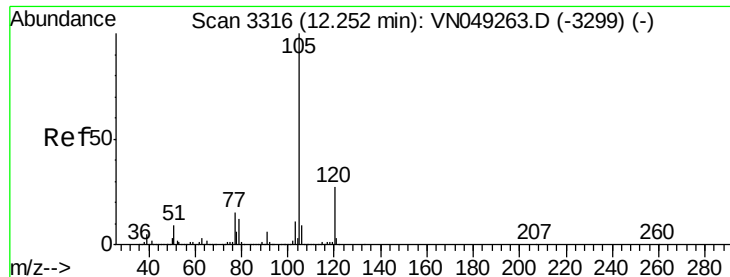
115 57.1 28.7 86.1

150 164.0 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: 17.76 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049611.D

Acq: 29 Jun 2018 1:17

Instrument :

MSVOA_N

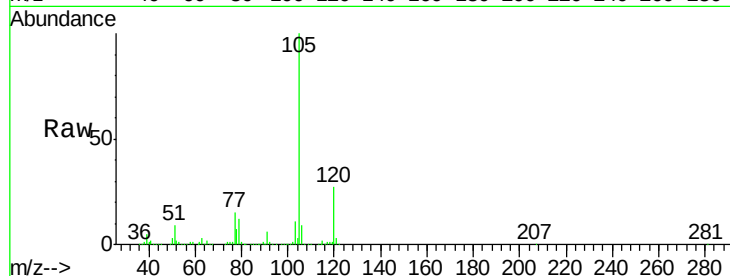
ClientSampleId :

Tot Ion:105 Resp: 1515391

Ion Ratio Lower Upper

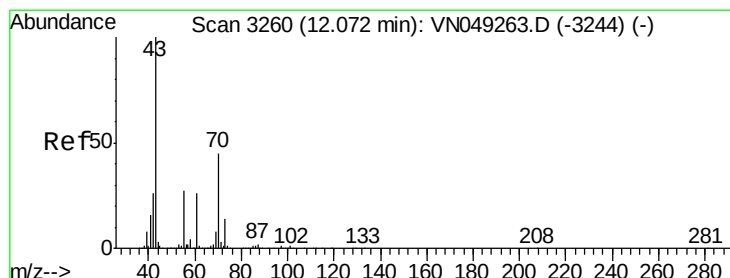
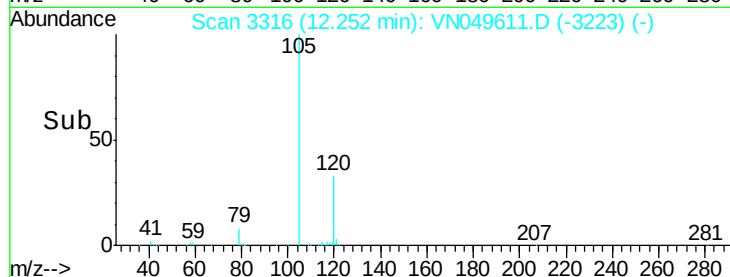
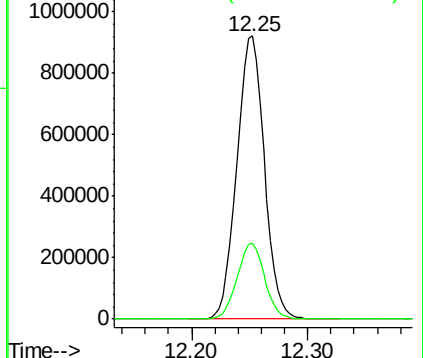
105 100

120 26.8 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.35 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049611.D

Acq: 29 Jun 2018 1:17

Tgt Ion: 43 Resp: 383608

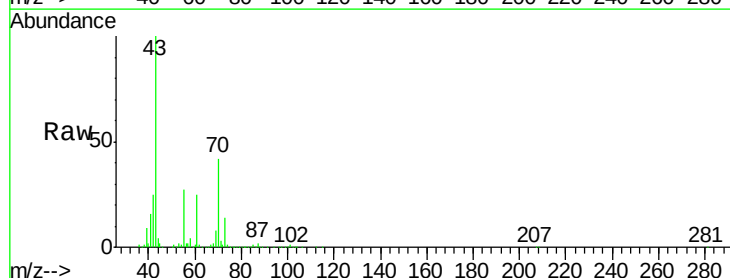
Ion Ratio Lower Upper

43 100

70 42.8 30.3 45.5

55 26.8 19.4 29.2

61 24.2 17.8 26.6

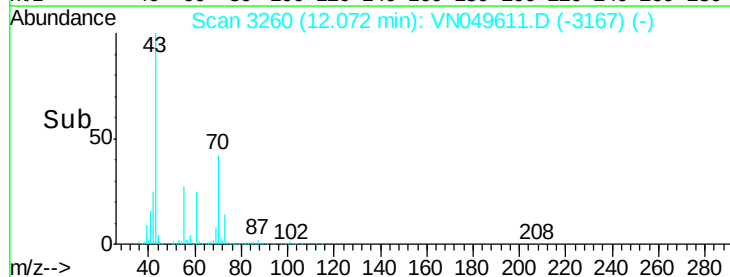
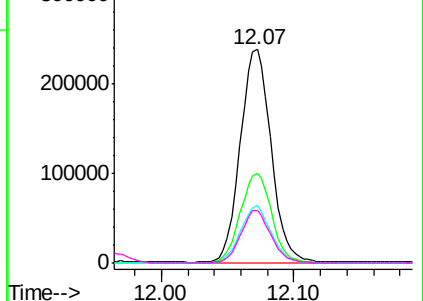


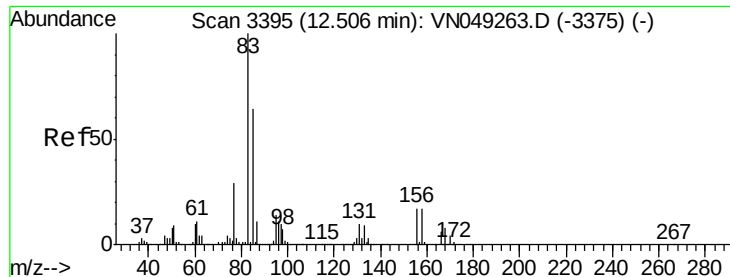
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 17.18 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049611.D

Acq: 29 Jun 2018 1:17

Instrument :

MSVOA_N

ClientSampled :

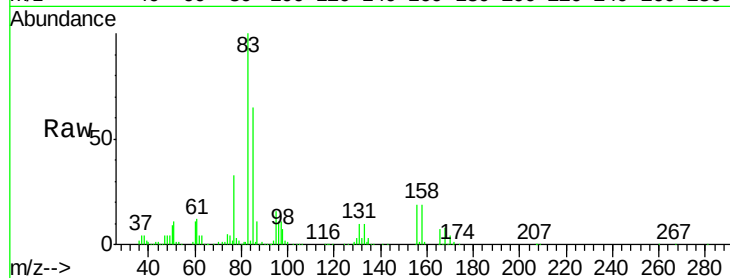
Tot Ion: 83 Resp: 327450

Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.0	15.0
85	63.9	32.0	96.0

83 100

131 10.5 5.0 15.0

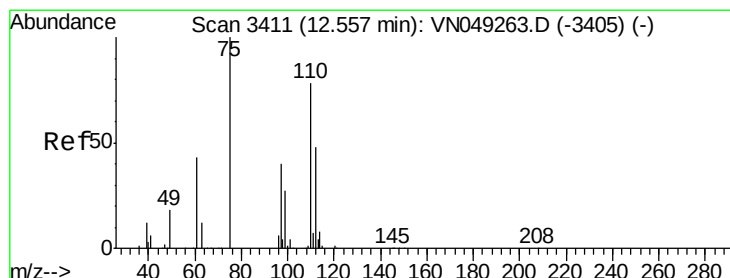
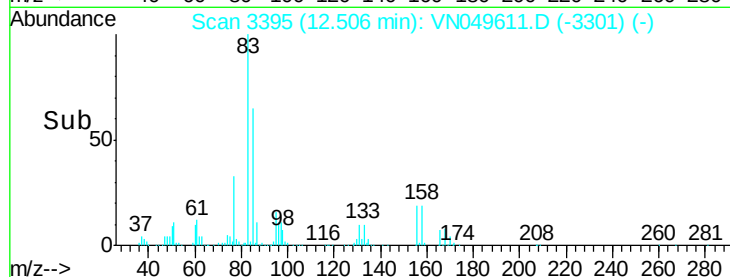
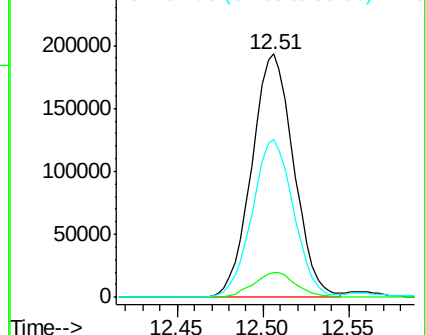
85 63.9 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN049611.D (-3301) (-)

Ion 130.80 (130.50 to 131.50): VN049611.D (-3301) (-)

Ion 84.90 (84.60 to 85.60): VN049611.D (-3301) (-)



#76

1,2,3-Trichloropropane

Concen: 25.17 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN049611.D

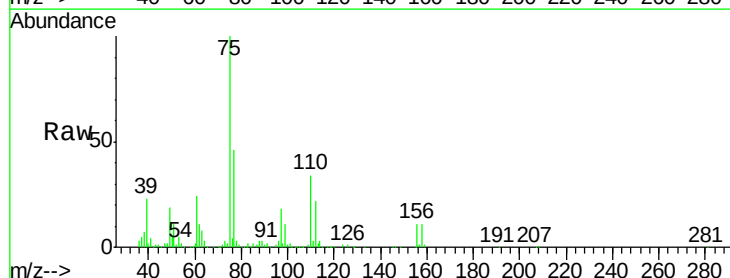
Acq: 29 Jun 2018 1:17

Tgt Ion: 75 Resp: 417407

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

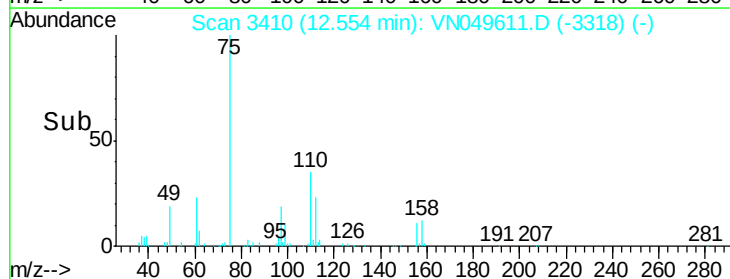
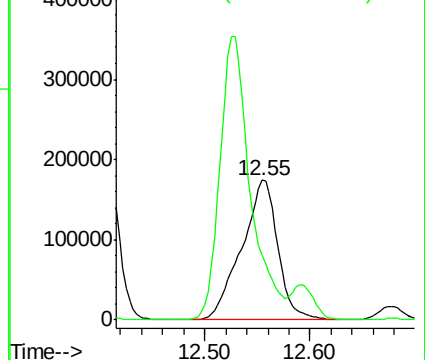
75 100

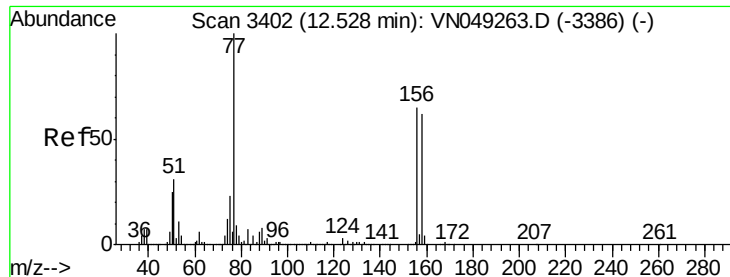
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN049611.D (-3318) (-)

Ion 77.00 (76.70 to 77.70): VN049611.D (-3318) (-)





#77

Bromobenzene

Concen: 17.40 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049611.D

Acq: 29 Jun 2018 1:17

Instrument :

MSVOA_N

ClientSampleId :

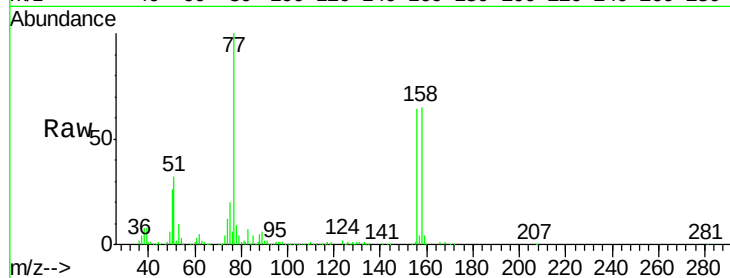
Tot Ion:156 Resp: 392174

Ion Ratio Lower Upper

156 100

77 180.2 100.8 302.4

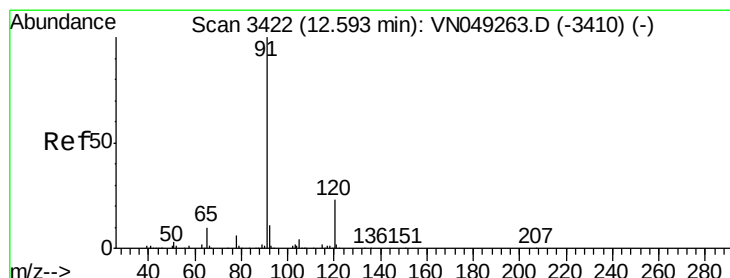
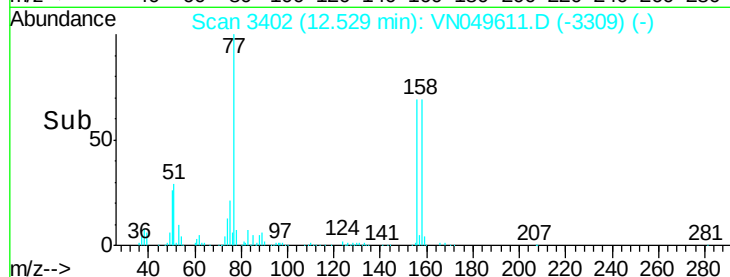
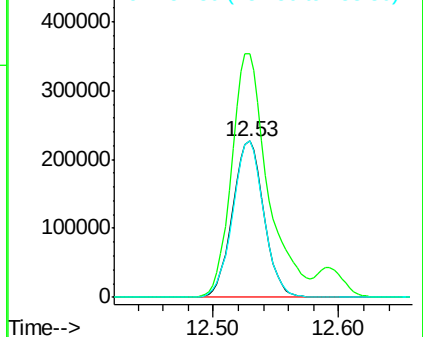
158 99.3 49.3 147.9



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: 18.79 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049611.D

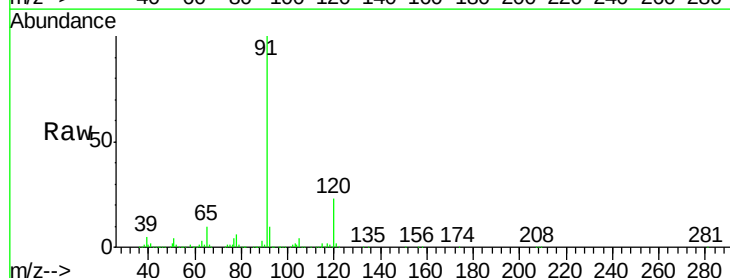
Acq: 29 Jun 2018 1:17

Tgt Ion: 91 Resp: 1760896

Ion Ratio Lower Upper

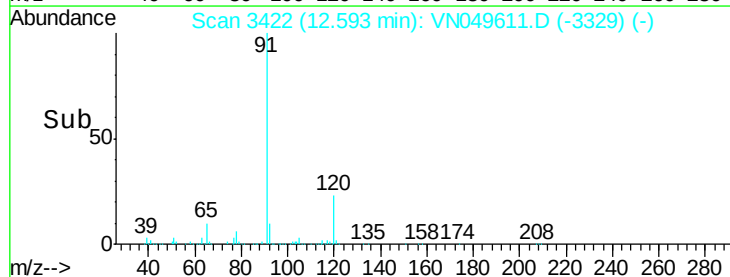
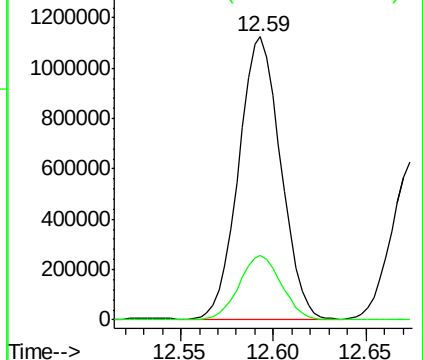
91 100

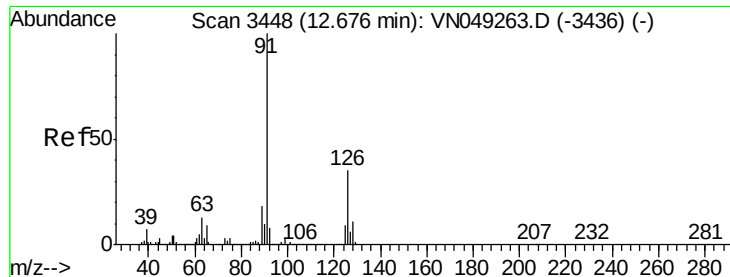
120 23.0 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.97 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049611.D

Acq: 29 Jun 2018 1:17

Instrument :

MSVOA_N

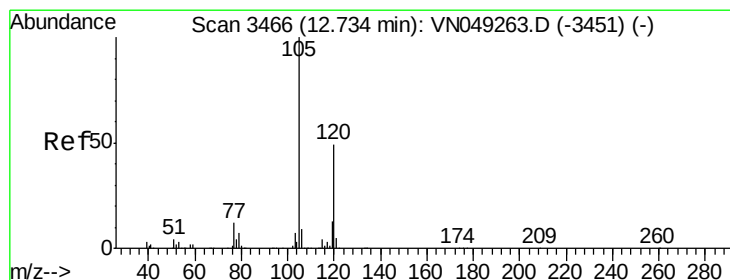
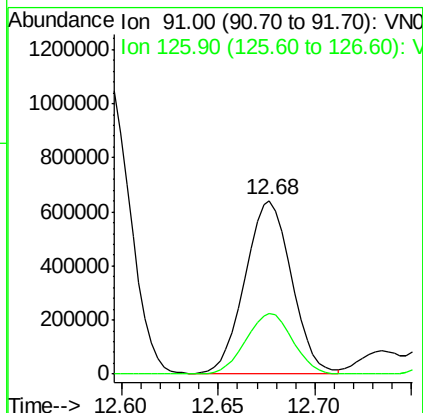
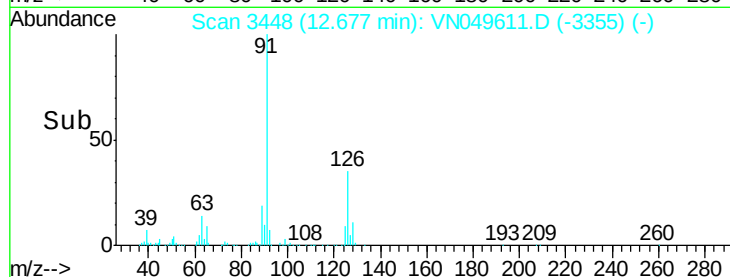
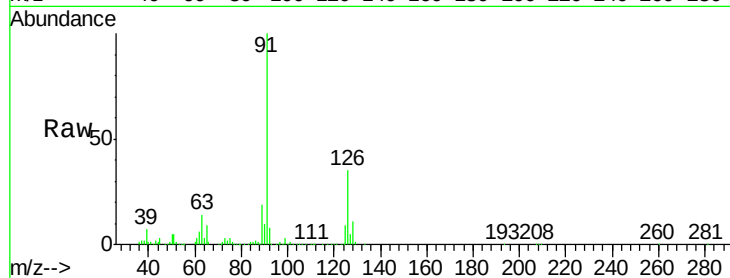
ClientSampleId :

Tot Ion: 91 Resp: 1066856

Ion Ratio Lower Upper

91 100

126 35.5 16.6 49.8



#80

1,3,5-Trimethylbenzene

Concen: 19.39 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049611.D

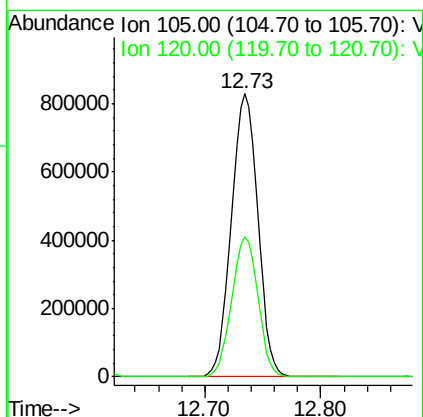
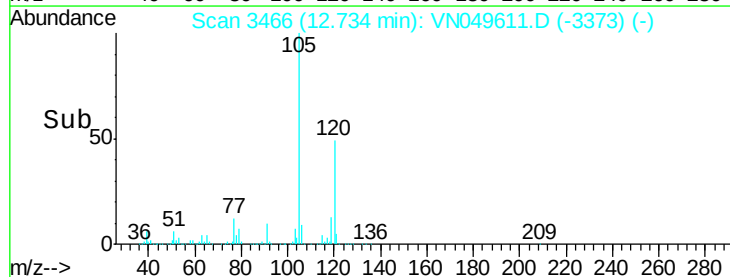
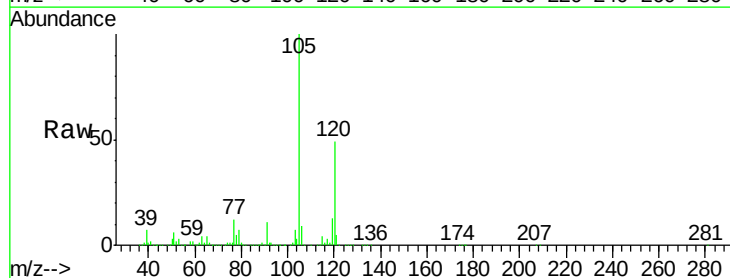
Acq: 29 Jun 2018 1:17

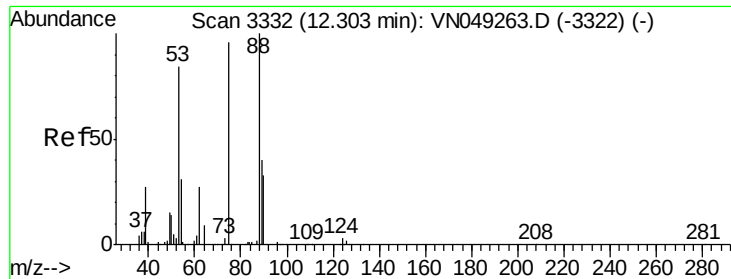
Tgt Ion: 105 Resp: 1300540

Ion Ratio Lower Upper

105 100

120 49.1 23.5 70.5

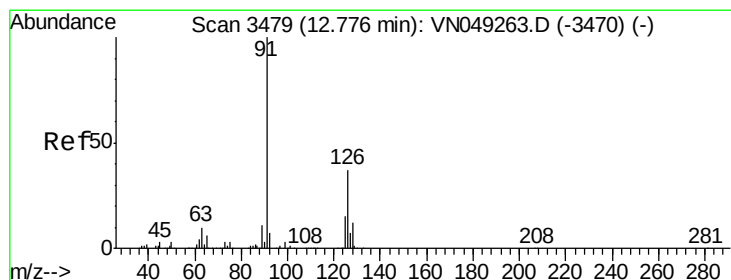
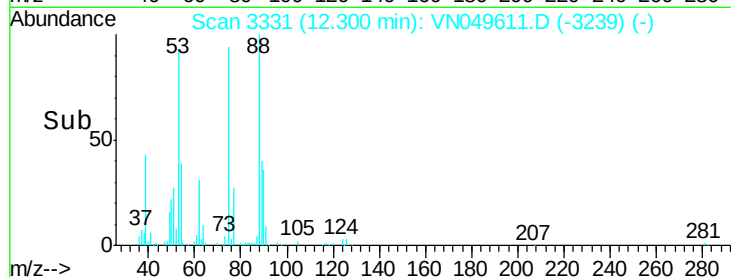
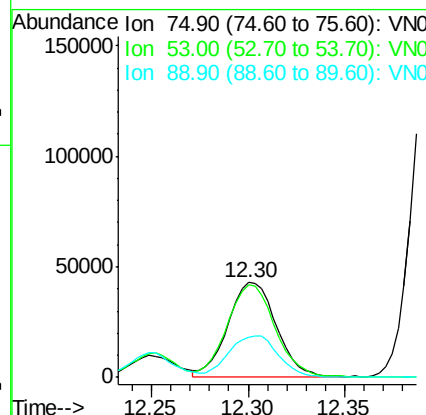
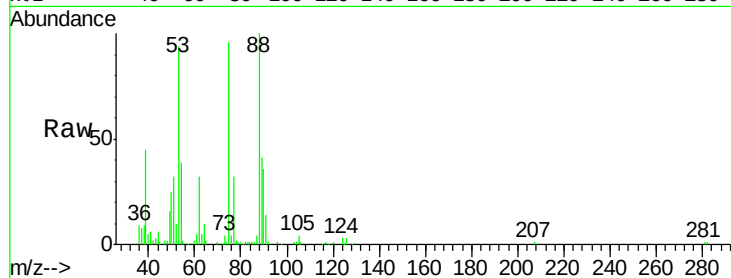




#81
trans-1,4-Dichloro-2-butene
Concen: 14.29 ug/l
RT: 12.30 min Scan# 3331
Delta R.T. -0.00 min
Lab File: VN049611.D
Acq: 29 Jun 2018 1:17

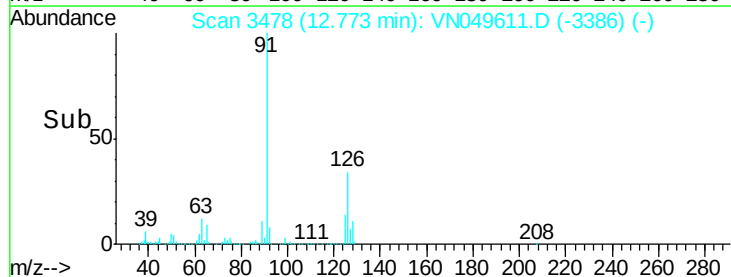
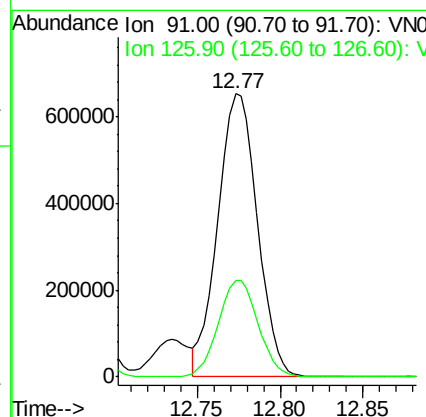
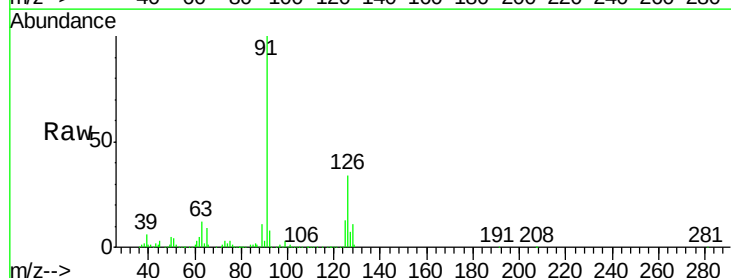
Instrument :
MSVOA_N
ClientSampleId :

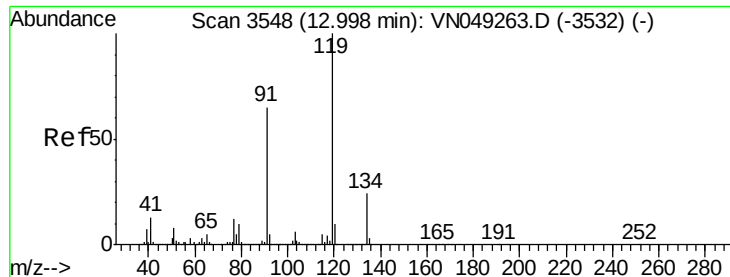
Tot Ion: 75 Resp: 74972
Ion Ratio Lower Upper
75 100
53 96.0 82.7 124.1
89 45.5 36.5 54.7



#82
4-Chlorotoluene
Concen: 18.88 ug/l
RT: 12.77 min Scan# 3478
Delta R.T. -0.00 min
Lab File: VN049611.D
Acq: 29 Jun 2018 1:17

Tgt Ion: 91 Resp: 1081356
Ion Ratio Lower Upper
91 100
126 34.4 16.4 49.1





#83

tert-Butylbenzene

Concen: 18.13 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN049611.D

Acq: 29 Jun 2018 1:17

Instrument :

MSVOA_N

ClientSampled :

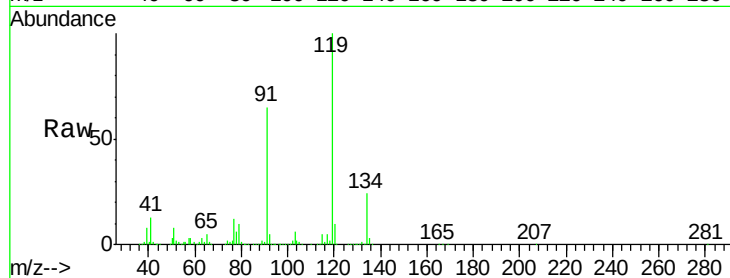
Tot Ion:119 Resp: 1077661

Ion Ratio Lower Upper

119 100

91 64.5 33.7 101.0

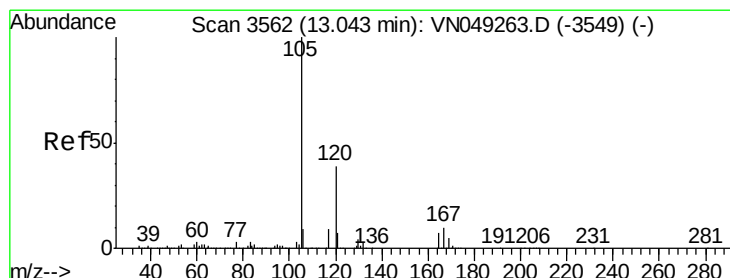
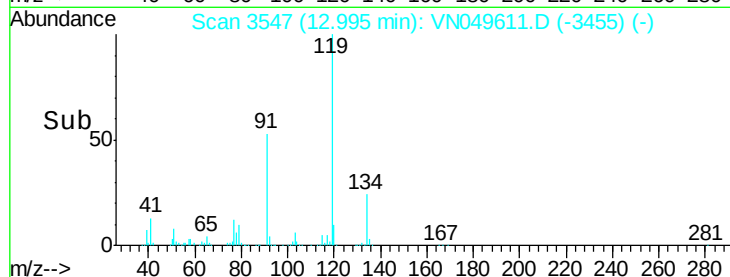
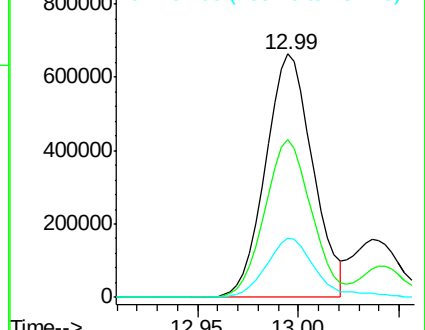
134 25.4 12.9 38.6



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: 19.82 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049611.D

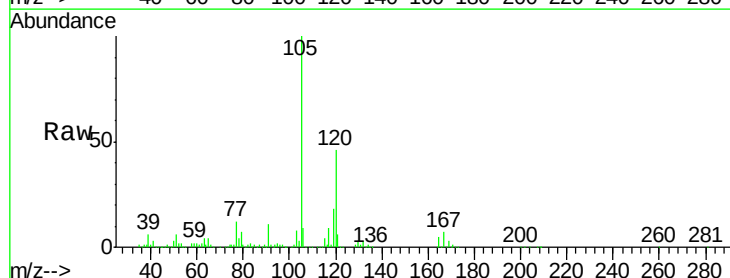
Acq: 29 Jun 2018 1:17

Tgt Ion:105 Resp: 1321048

Ion Ratio Lower Upper

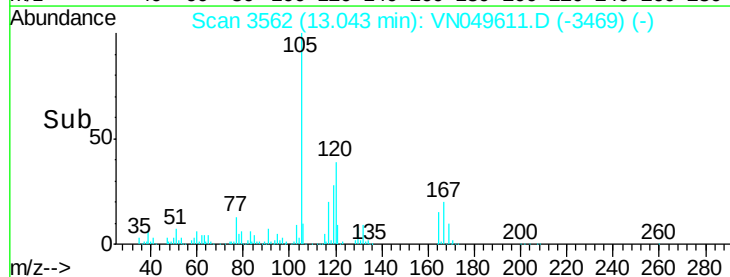
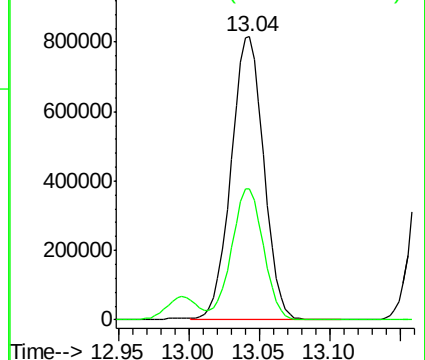
105 100

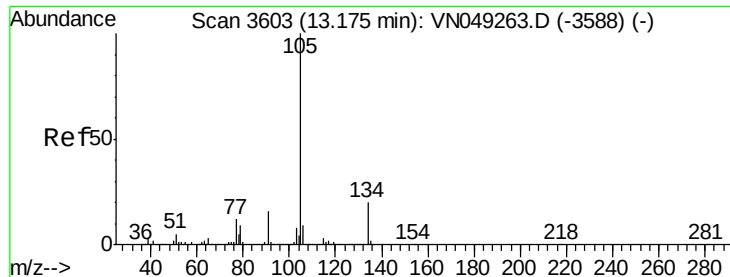
120 45.1 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.24 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049611.D

Acq: 29 Jun 2018 1:17

Instrument :

MSVOA_N

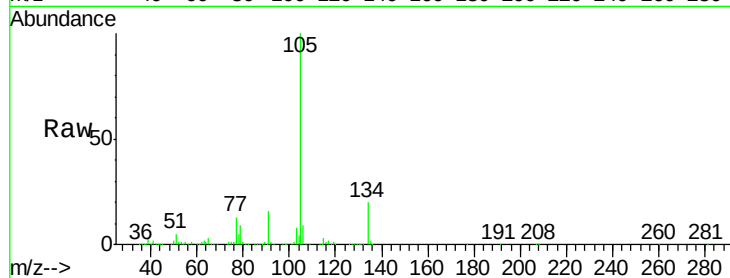
ClientSampleId :

Tot Ion:105 Resp: 1443106

Ion Ratio Lower Upper

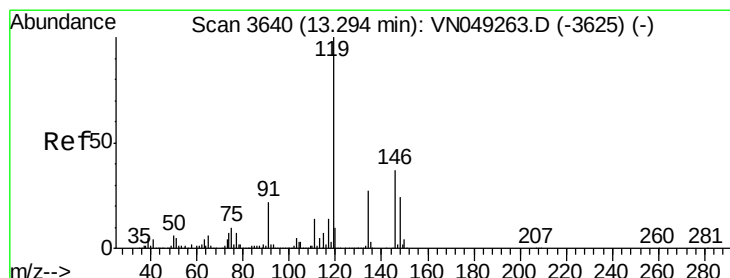
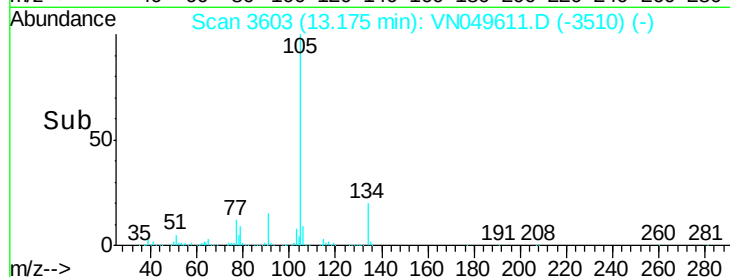
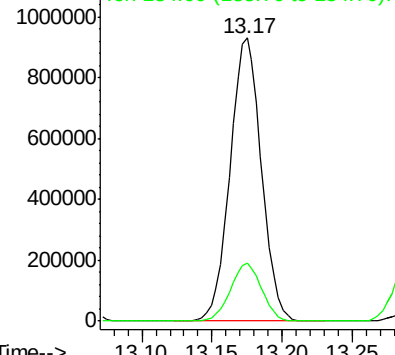
105 100

134 20.6 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.17 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN049611.D

Acq: 29 Jun 2018 1:17

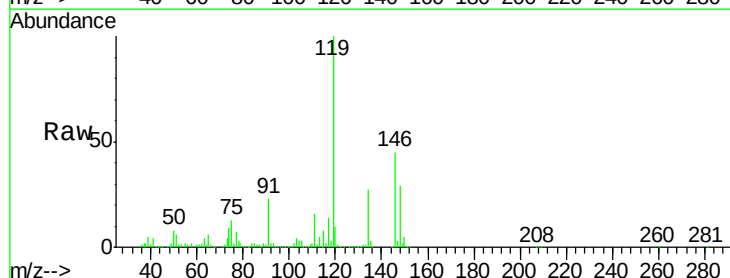
Tgt Ion:119 Resp: 1267172

Ion Ratio Lower Upper

119 100

134 26.6 12.9 38.6

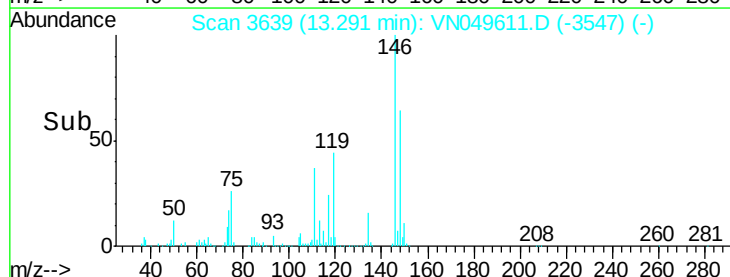
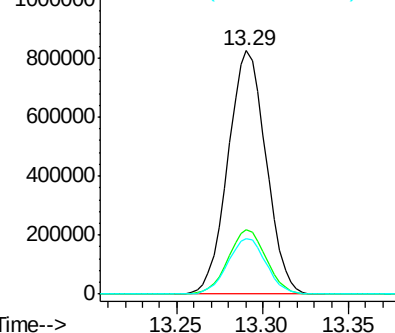
91 23.0 12.1 36.3

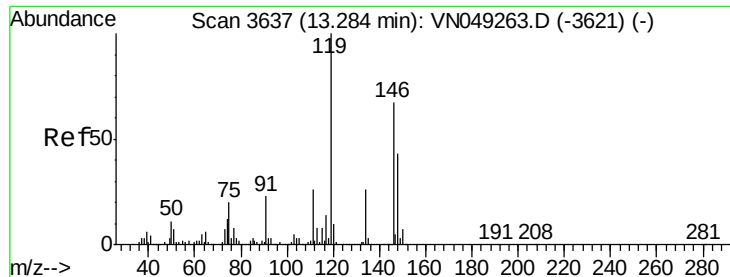


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 18.93 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. 0.00 min

Lab File: VN049611.D

Acq: 29 Jun 2018 1:17

Instrument :

MSVOA_N

ClientSampleId :

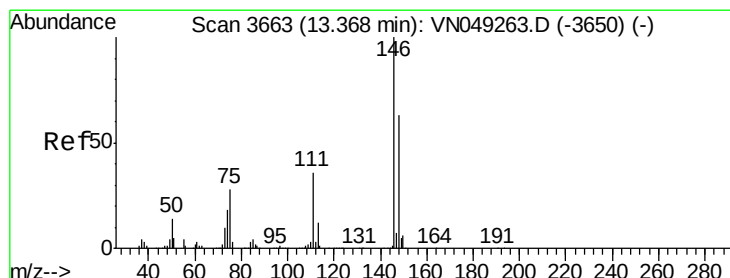
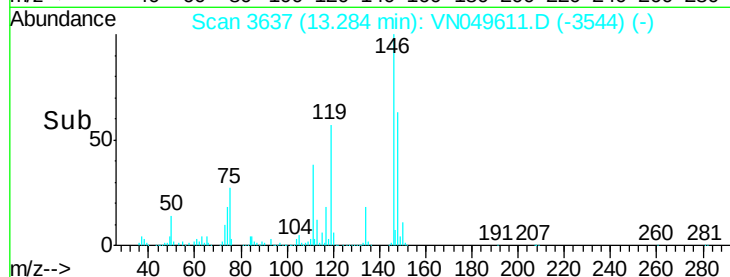
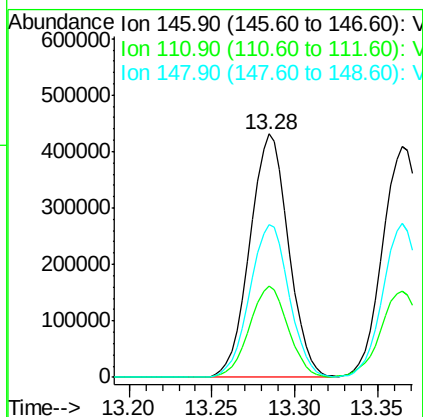
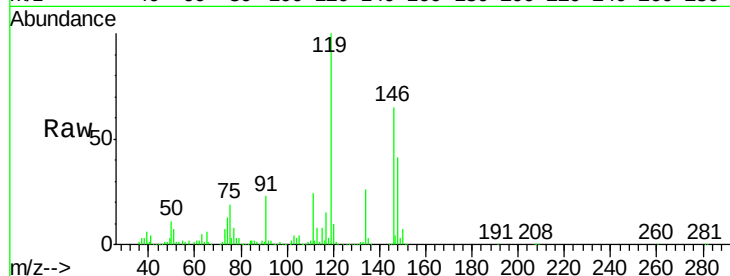
Tot Ion:146 Resp: 701941

Ion Ratio Lower Upper

146 100

111 37.5 19.9 59.6

148 63.9 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 18.80 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. -0.00 min

Lab File: VN049611.D

Acq: 29 Jun 2018 1:17

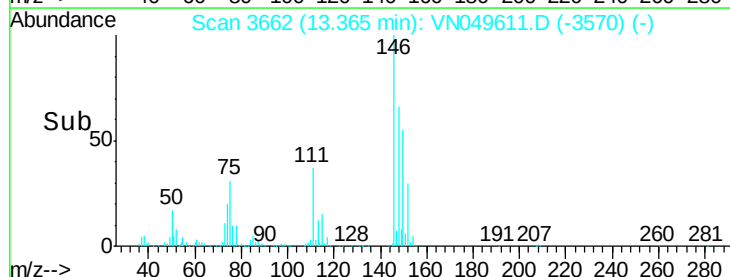
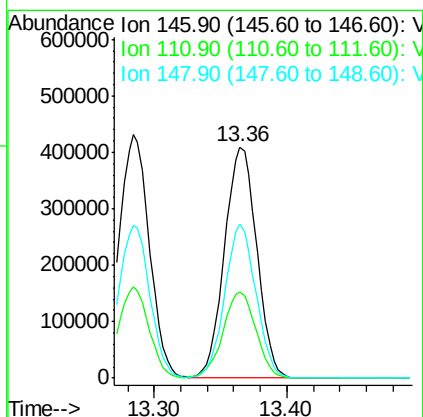
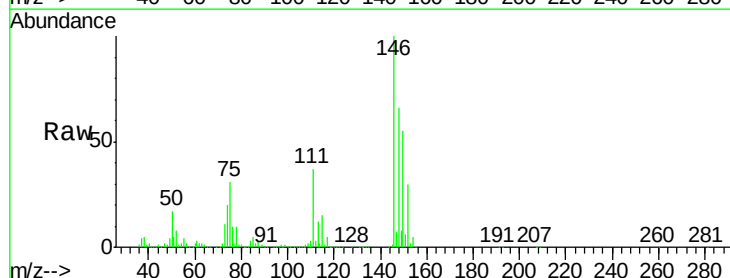
Tgt Ion:146 Resp: 690886

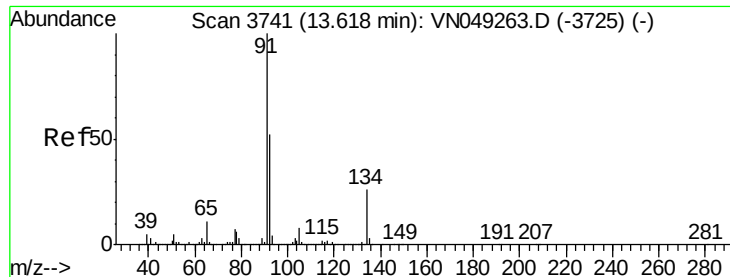
Ion Ratio Lower Upper

146 100

111 38.1 19.1 57.1

148 64.1 32.0 96.2

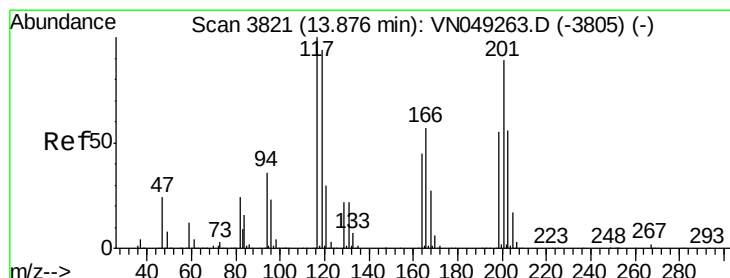
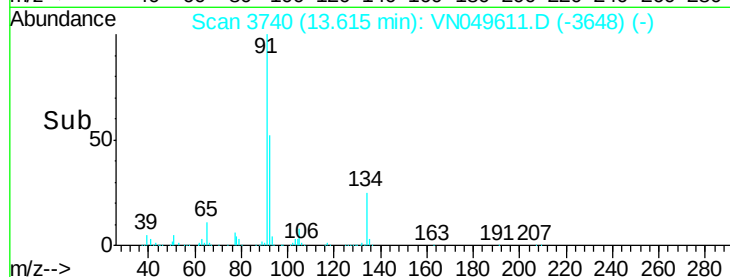
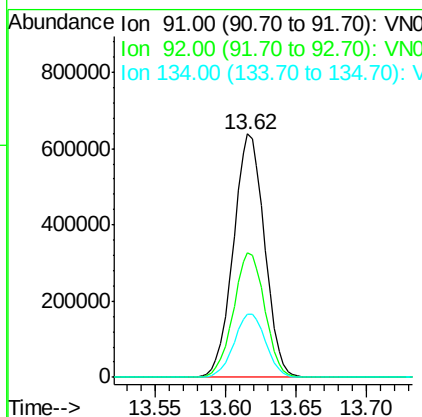
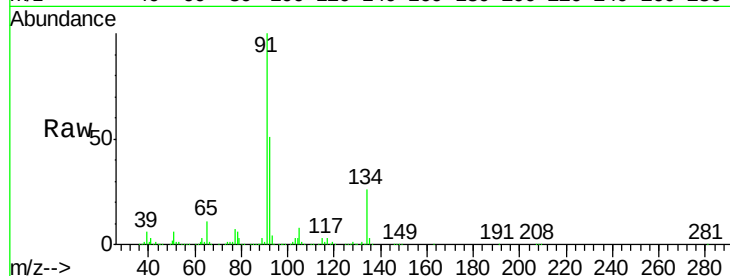




#89
n-Butylbenzene
Concen: 19.11 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN049611.D
Acq: 29 Jun 2018 1:17

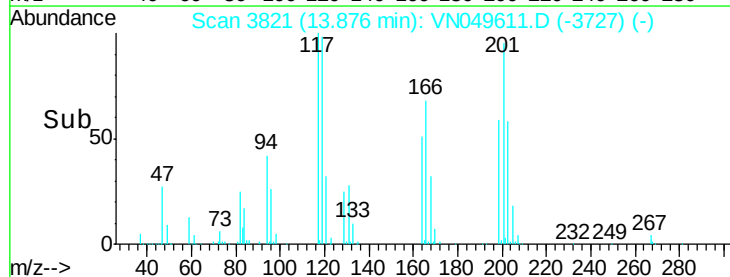
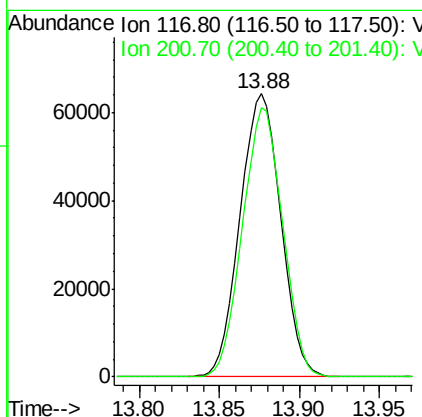
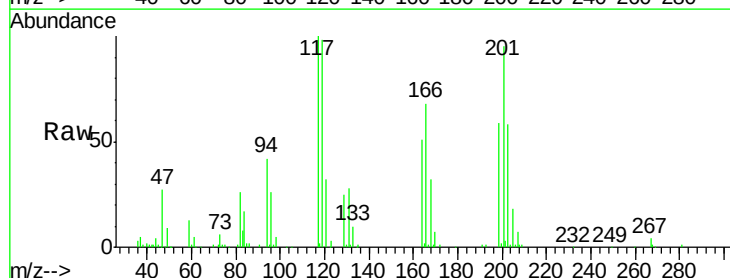
Instrument :
MSVOA_N
ClientSampleId :

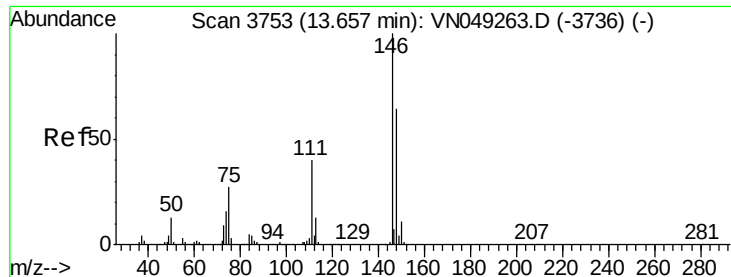
Tot Ion	Ratio	Lower	Upper
91	100		
92	51.6	25.1	75.4
134	26.3	12.0	36.0



#90
Hexachloroethane
Concen: 7.52 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049611.D
Acq: 29 Jun 2018 1:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.6	40.1	120.2





#91

1,2-Dichlorobenzene

Concen: 19.08 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. -0.00 min

Lab File: VN049611.D

Acq: 29 Jun 2018 1:17

Instrument :

MSVOA_N

ClientSampled :

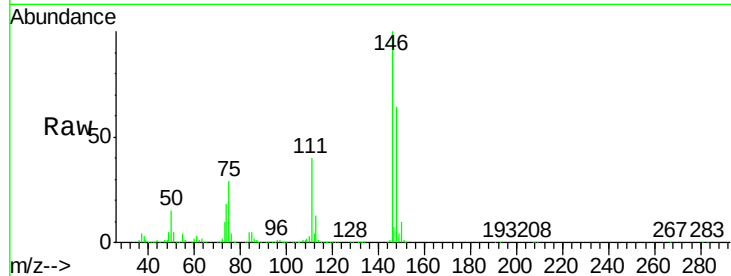
Tot Ion:146 Resp: 694043

Ion Ratio Lower Upper

146 100

111 39.4 20.8 62.2

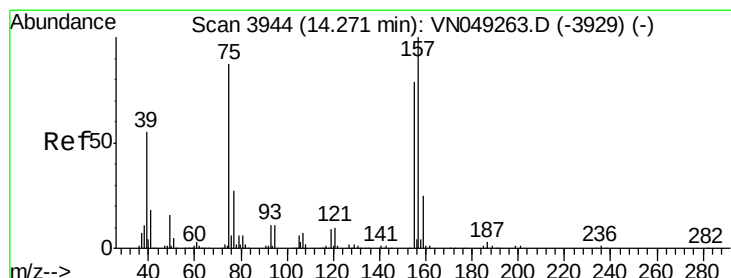
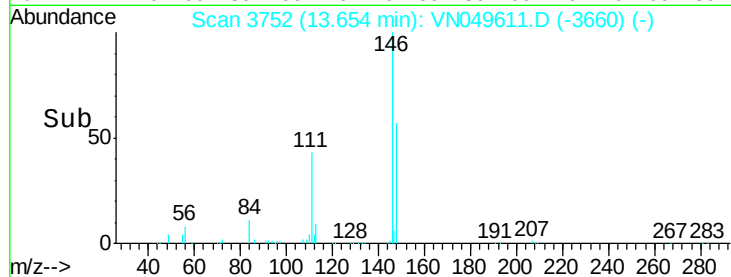
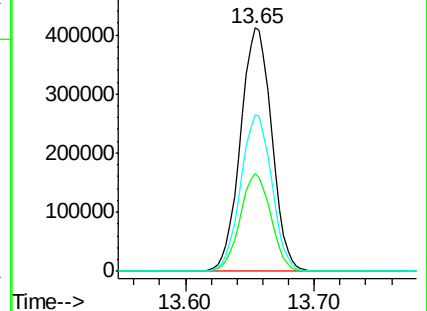
148 64.0 32.0 96.2



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: 17.28 ug/l

RT: 14.27 min Scan# 3945

Delta R.T. 0.00 min

Lab File: VN049611.D

Acq: 29 Jun 2018 1:17

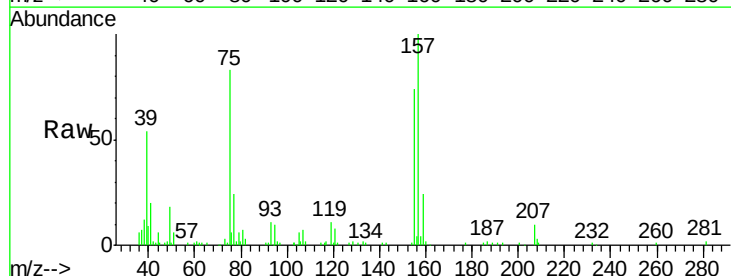
Tgt Ion: 75 Resp: 51346

Ion Ratio Lower Upper

75 100

155 89.2 38.8 116.3

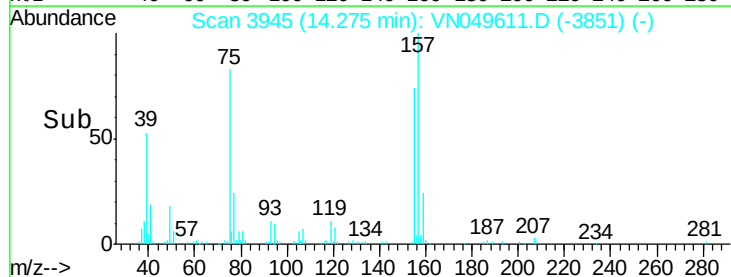
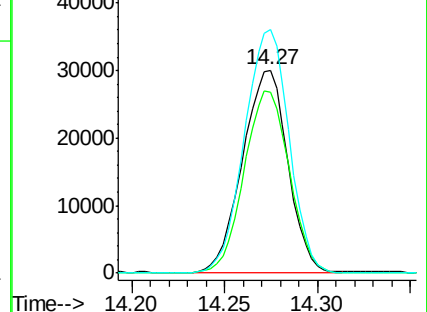
157 118.1 51.0 153.1

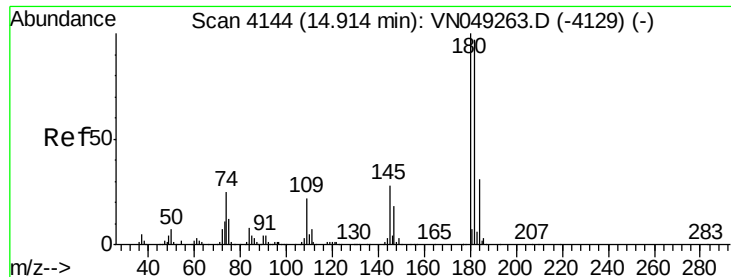


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

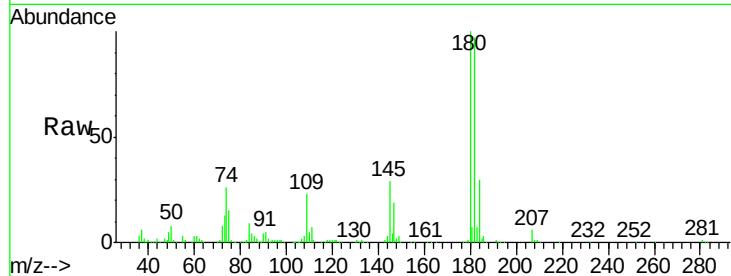




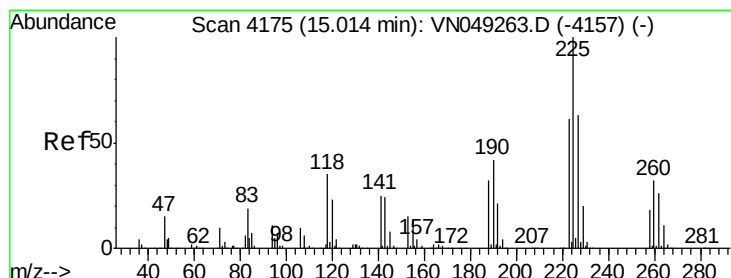
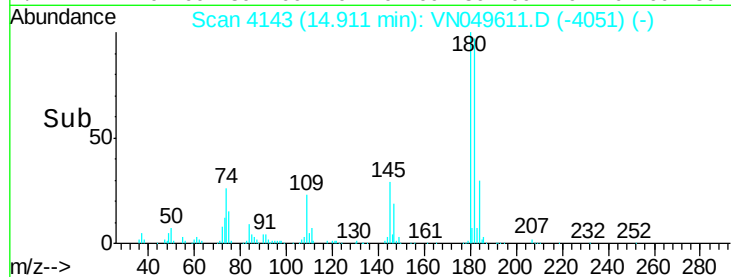
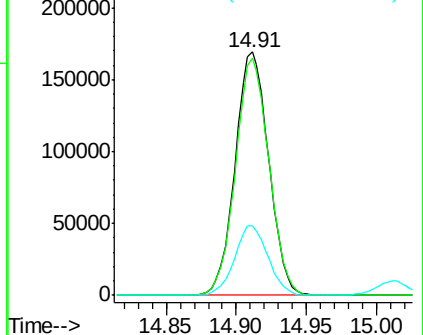
#93
 1,2,4-Trichlorobenzene
 Concen: 20.05 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049611.D
 Acq: 29 Jun 2018 1:17

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.3	46.9	140.8
145	28.5	14.7	44.1

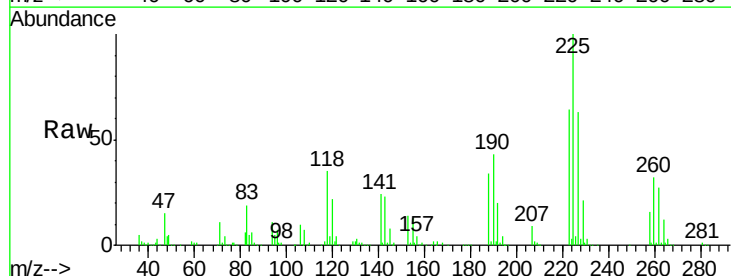


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

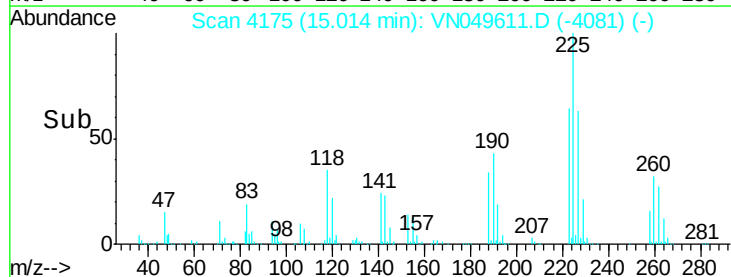
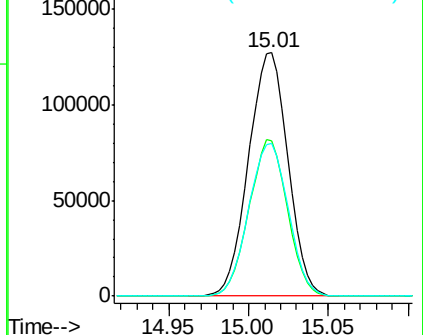


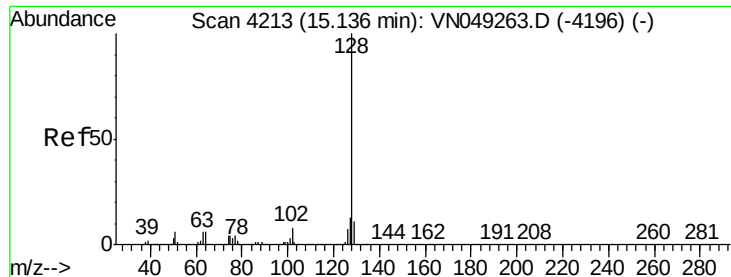
#94
 Hexachlorobutadiene
 Concen: 18.48 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049611.D
 Acq: 29 Jun 2018 1:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	32.1	96.3
227	63.1	31.8	95.3



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

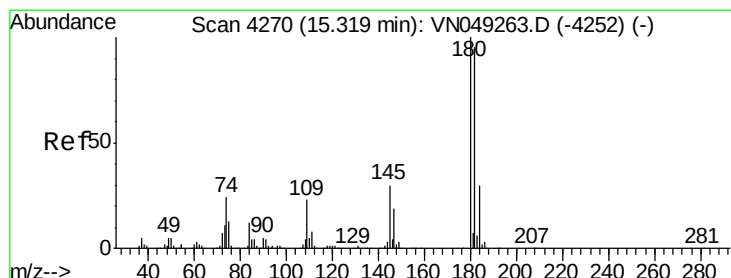
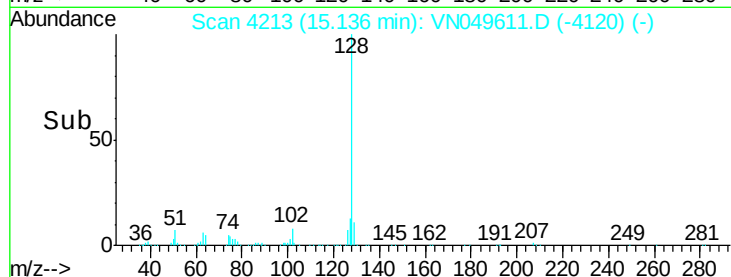
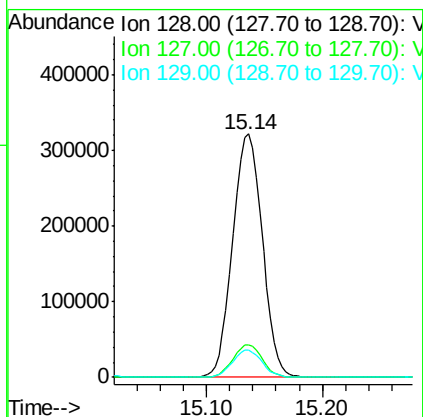
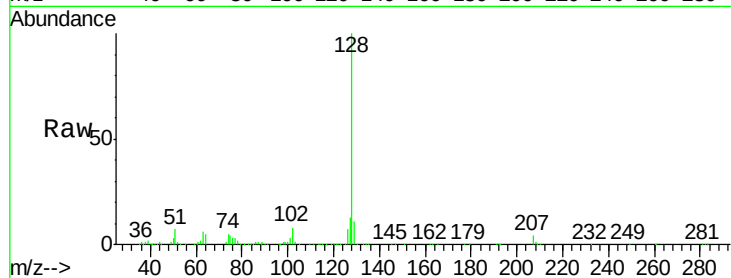




#95
Naphthalene
Concen: 22.04 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049611.D
Acq: 29 Jun 2018 1:17

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 569695
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 11.1 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 19.80 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. -0.00 min
Lab File: VN049611.D
Acq: 29 Jun 2018 1:17

Tgt Ion:180 Resp: 286064
Ion Ratio Lower Upper
180 100
182 96.8 47.3 141.8
145 30.7 15.6 46.7

