

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062518\
 Data File : VN049514.D
 Acq On : 25 Jun 2018 15:22
 Operator : MD\SY
 Sample : VN0625WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBS01

Quant Time: Jun 26 01:39:31 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	1684663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2428676	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2213741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1055042	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	989316	44.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.56%	
35) Dibromofluoromethane	7.59	113	892554	45.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.84%	
50) Toluene-d8	10.09	98	3384185	45.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.46%	
62) 4-Bromofluorobenzene	12.40	95	1116437	45.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	291675	15.04	ug/l	98
3) Chloromethane	2.06	50	365374	14.59	ug/l	97
4) Vinyl Chloride	2.18	62	408159	15.34	ug/l	99
5) Bromomethane	2.57	94	208689	14.92	ug/l	95
6) Chloroethane	2.70	64	250336	15.78	ug/l	100
7) Trichlorofluoromethane	3.02	101	579278	17.45	ug/l	99
8) Diethyl Ether	3.41	74	196285	16.94	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.76	101	365189	17.34	ug/l	92
10) Methyl Iodide	3.95	142	363391	16.58	ug/l	93
11) Tert butyl alcohol	4.79	59	105962	80.80	ug/l	97
12) 1,1-Dichloroethene	3.73	96	313272	16.22	ug/l	91
13) Acrolein	3.61	56	120180	87.39	ug/l	99
14) Allyl chloride	4.32	41	511060	16.76	ug/l	89
15) Acrylonitrile	4.99	53	542762	82.77	ug/l	98
16) Acetone	3.82	43	486102	89.60	ug/l	93
17) Carbon Disulfide	4.05	76	923645	15.26	ug/l	99
18) Methyl Acetate	4.33	43	296097	17.90	ug/l	95
19) Methyl tert-butyl Ether	5.05	73	852215	17.30	ug/l	99
20) Methylene Chloride	4.55	84	396538	17.50	ug/l	91
21) trans-1,2-Dichloroethene	5.04	96	341645	16.71	ug/l	91
22) Diisopropyl ether	5.95	45	1086252	17.83	ug/l	97
23) Vinyl Acetate	5.90	43	3281276	82.64	ug/l	95
24) 1,1-Dichloroethane	5.85	63	671262	17.22	ug/l	98
25) 2-Butanone	6.84	43	628882	86.33	ug/l	96
26) 2,2-Dichloropropane	6.83	77	560160	17.79	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	387482	17.04	ug/l	93
28) Bromochloromethane	7.19	49	327819	18.97	ug/l #	82
29) Tetrahydrofuran	7.21	42	388156	82.77	ug/l	93
30) Chloroform	7.37	83	666065	17.17	ug/l	99
31) Cyclohexane	7.65	56	573861	17.25	ug/l #	92
32) 1,1,1-Trichloroethane	7.57	97	576955	17.43	ug/l	97
36) 1,1-Dichloropropene	7.79	75	488280	17.54	ug/l	96
37) Ethyl Acetate	6.93	43	273454	18.07	ug/l #	96
38) Carbon Tetrachloride	7.77	117	517784	17.97	ug/l	98

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	531152	17.78	ug/l	97
40) Benzene	8.04	78	1508826	17.68	ug/l	99
41) Methacrylonitrile	7.21	41	396109	48.42	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	468601	17.77	ug/l	98
43) Isopropyl Acetate	8.17	43	491981	17.02	ug/l	95
44) Trichloroethene	8.83	130	415540	18.44	ug/l	95
45) 1,2-Dichloropropane	9.12	63	399040	17.86	ug/l	99
46) Dibromomethane	9.21	93	226290	17.47	ug/l	92
47) Bromodichloromethane	9.40	83	511851	17.98	ug/l	97
48) Methyl methacrylate	9.20	41	243988	17.92	ug/l	88
49) 1,4-Dioxane	9.20	88	65697	349.61	ug/l	92
51) 4-Methyl-2-Pentanone	9.99	43	1347040	88.89	ug/l	95
52) Toluene	10.16	92	940168	18.77	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	465898	17.11	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	570749	17.75	ug/l #	89
55) 1,1,2-Trichloroethane	10.56	97	331238	17.74	ug/l	99
56) Ethyl methacrylate	10.43	69	371920	17.27	ug/l #	87
57) 1,3-Dichloropropane	10.71	76	553466	17.89	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	463379	71.05	ug/l	95
59) 2-Hexanone	10.75	43	869647	89.02	ug/l	94
60) Dibromochloromethane	10.90	129	370891	17.80	ug/l	98
61) 1,2-Dibromoethane	11.01	107	306859	17.68	ug/l	99
64) Tetrachloroethene	10.63	164	475445	20.96	ug/l	99
65) Chlorobenzene	11.44	112	1006713	17.65	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	381368	17.77	ug/l	99
67) Ethyl Benzene	11.51	91	1712374	18.10	ug/l	98
68) m/p-Xylenes	11.62	106	1320852	37.21	ug/l	97
69) o-Xylene	11.95	106	634125	18.55	ug/l	94
70) Styrene	11.97	104	976283	18.10	ug/l	98
71) Bromoform	12.13	173	244376	17.59	ug/l #	99
73) Isopropylbenzene	12.25	105	1696585	18.31	ug/l	98
74) N-amyl acetate	12.07	43	363437	16.02	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.51	83	351852	16.98	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	455422	25.30	ug/l #	100
77) Bromobenzene	12.53	156	420638	17.19	ug/l	91
78) n-propylbenzene	12.59	91	1896954	18.65	ug/l	98
79) 2-Chlorotoluene	12.68	91	1168370	18.13	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	1383175	19.00	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	94503	16.59	ug/l	93
82) 4-Chlorotoluene	12.77	91	1144950	18.41	ug/l	97
83) tert-Butylbenzene	12.99	119	1159279	17.97	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	1379577	19.07	ug/l	98
85) sec-Butylbenzene	13.17	105	1560352	18.17	ug/l	99
86) p-Isopropyltoluene	13.29	119	1323633	18.45	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	717695	17.83	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	693758	17.39	ug/l	100
89) n-Butylbenzene	13.62	91	963041	17.19	ug/l	98
90) Hexachloroethane	13.88	117	269137	18.77	ug/l	89
91) 1,2-Dichlorobenzene	13.65	146	698788	17.70	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	50888	15.78	ug/l	87

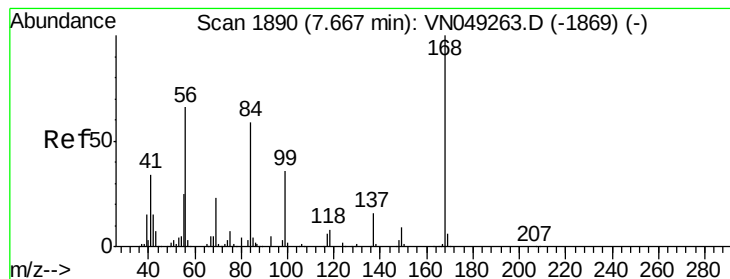
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062518\
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Acq On : 25 Jun 2018 15:22
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Sample : VN0625WBS01
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Instrument :
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ClientSampleId :
VN0625WBS01

Quant Time: Jun 26 01:39:31 2018
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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	210828	15.29	ug/l	99
94) Hexachlorobutadiene	15.01	225	229125	18.11	ug/l	98
95) Naphthalene	15.14	128	376421	14.50	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	234194	15.78	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

Instrument :

MSVOA_N

ClientSampleId :

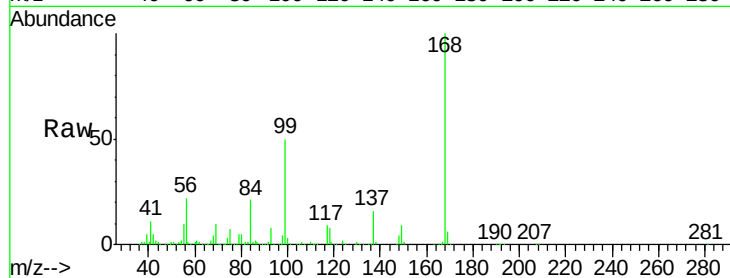
VN0625WBS01

Tot Ion:168 Resp: 1684663

Ion Ratio Lower Upper

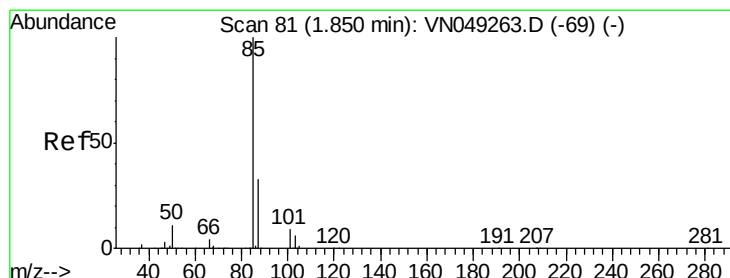
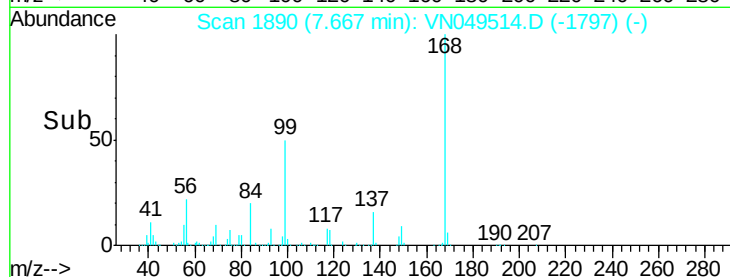
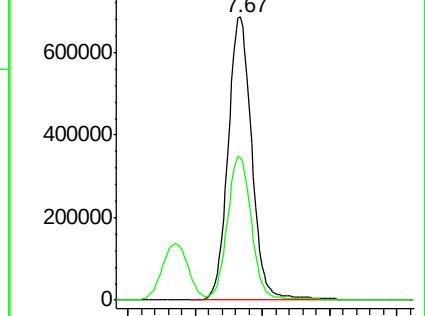
168 100

99 50.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 15.04 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN049514.D

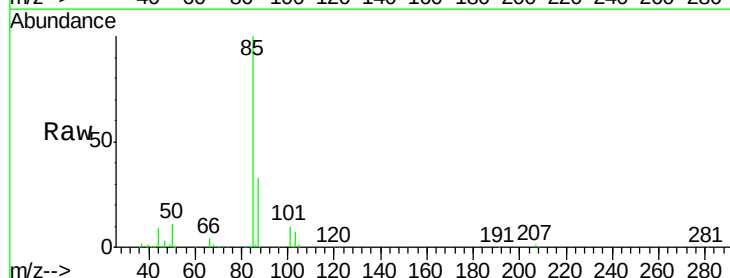
Acq: 25 Jun 2018 15:22

Tgt Ion: 85 Resp: 291675

Ion Ratio Lower Upper

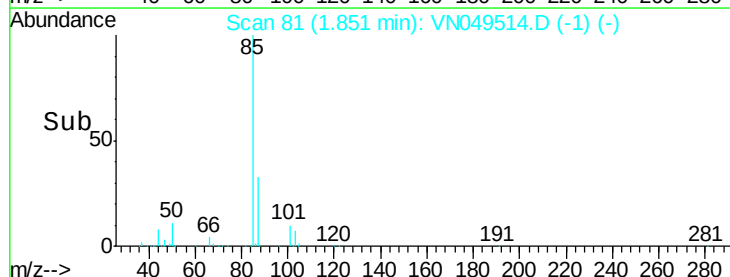
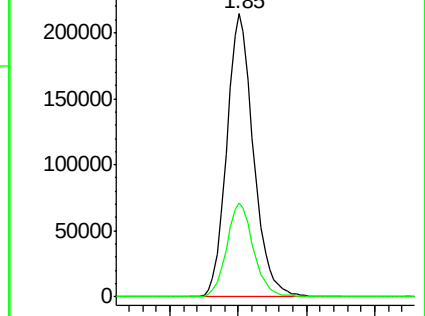
85 100

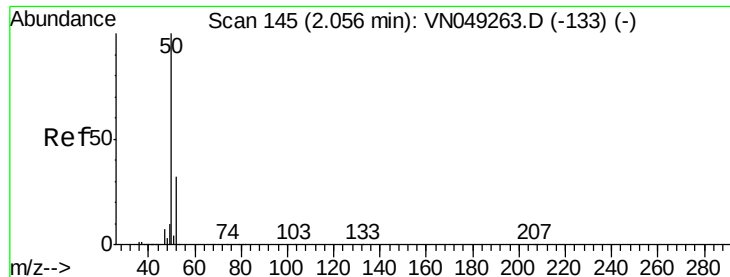
87 33.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 14.59 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

Instrument :

MSVOA_N

ClientSampleId :

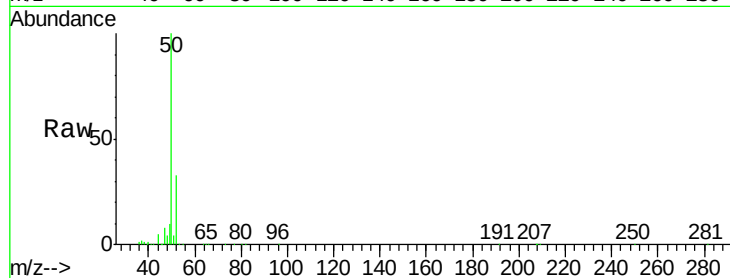
VN0625WBS01

Tot Ion: 50 Resp: 365374

Ion Ratio Lower Upper

50 100

52 32.9 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

300000

250000

200000

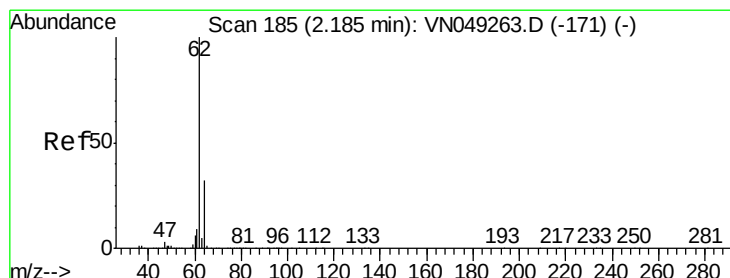
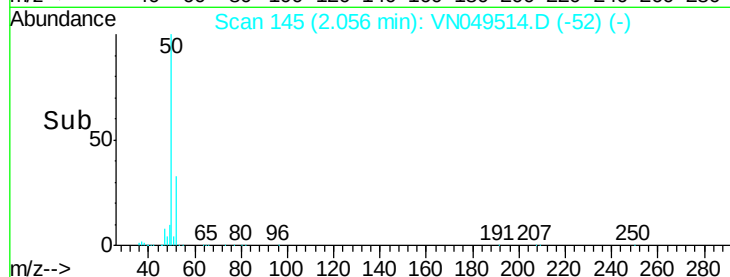
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 15.34 ug/l

RT: 2.18 min Scan# 185

Delta R.T. 0.00 min

Lab File: VN049514.D

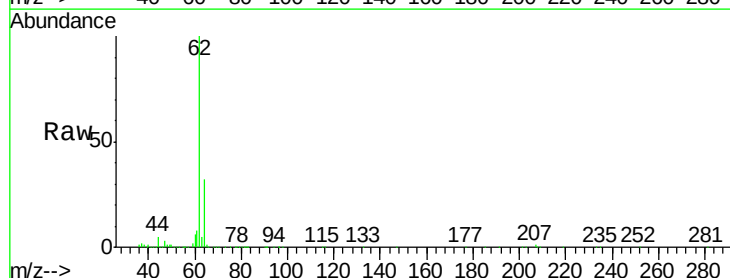
Acq: 25 Jun 2018 15:22

Tgt Ion: 62 Resp: 408159

Ion Ratio Lower Upper

62 100

64 31.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.18

300000

250000

200000

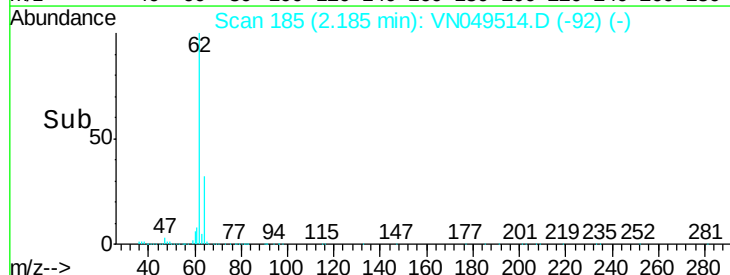
150000

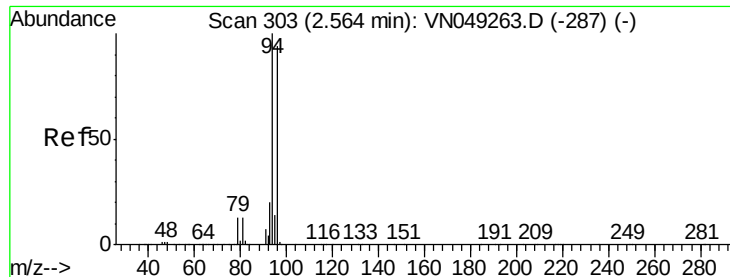
100000

50000

0

Time-->





#5

Bromomethane

Concen: 14.92 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

Instrument :

MSVOA_N

ClientSampleId :

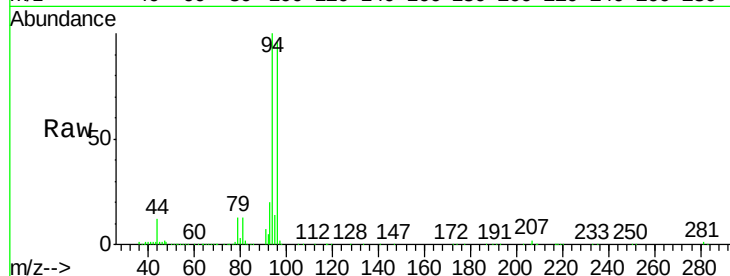
VN0625WBS01

Tot Ion: 94 Resp: 208689

Ion Ratio Lower Upper

94 100

96 95.7 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.57

120000

100000

80000

60000

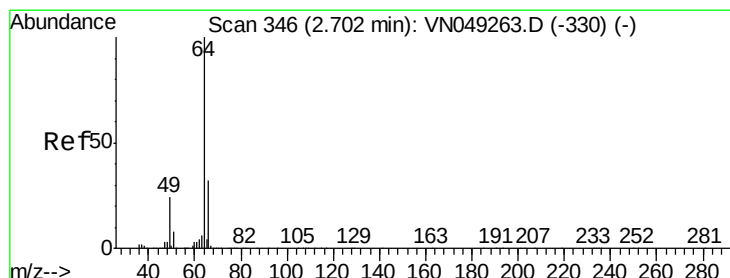
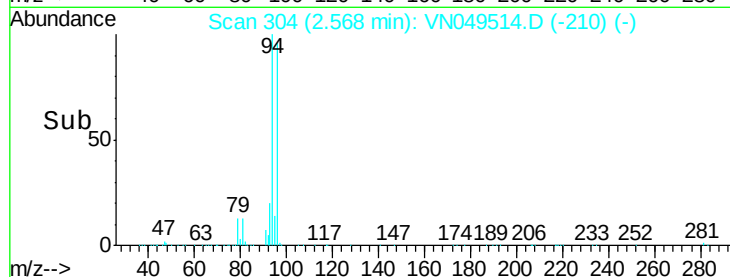
40000

20000

0

Time-->

2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 15.78 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049514.D

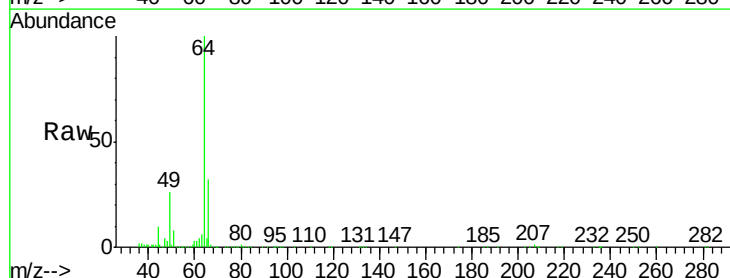
Acq: 25 Jun 2018 15:22

Tgt Ion: 64 Resp: 250336

Ion Ratio Lower Upper

64 100

66 32.1 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.70

150000

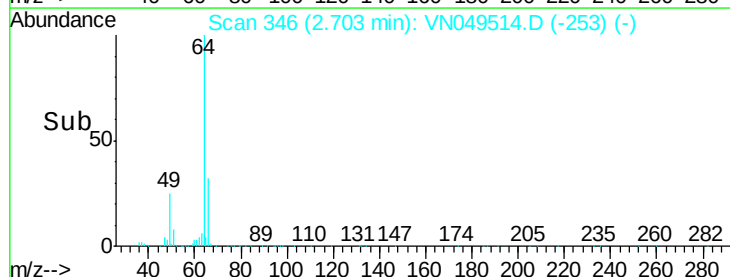
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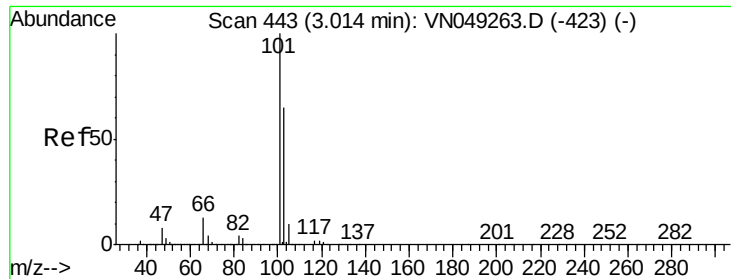
50000

0

Time-->

2.60 2.65 2.70 2.75 2.80





#7

Trichlorofluoromethane

Concen: 17.45 ug/l

RT: 3.02 min Scan# 444

Delta R.T. 0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

Instrument :

MSVOA_N

ClientSampleId :

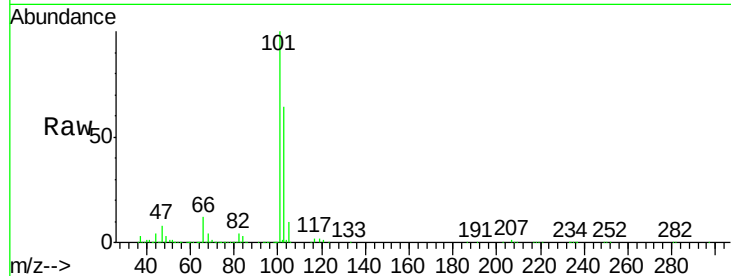
VN0625WBS01

Tot Ion:101 Resp: 579278

Ion Ratio Lower Upper

101 100

103 63.6 51.7 77.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.02

250000

200000

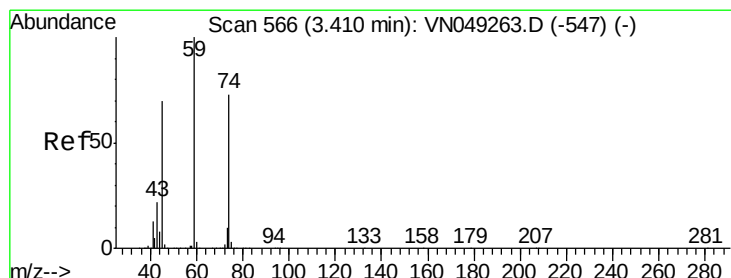
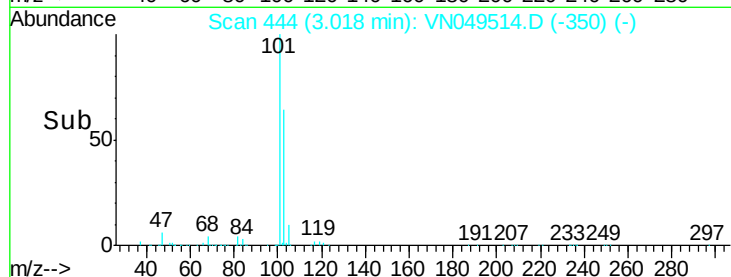
150000

100000

50000

0

Time--> 2.90 3.00 3.10



#8

Diethyl Ether

Concen: 16.94 ug/l

RT: 3.41 min Scan# 566

Delta R.T. 0.00 min

Lab File: VN049514.D

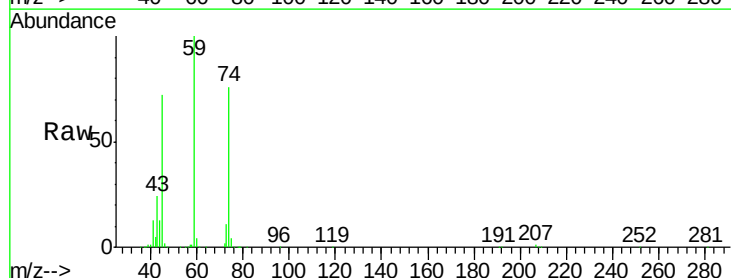
Acq: 25 Jun 2018 15:22

Tgt Ion: 74 Resp: 196285

Ion Ratio Lower Upper

74 100

45 94.5 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

3.41

100000

80000

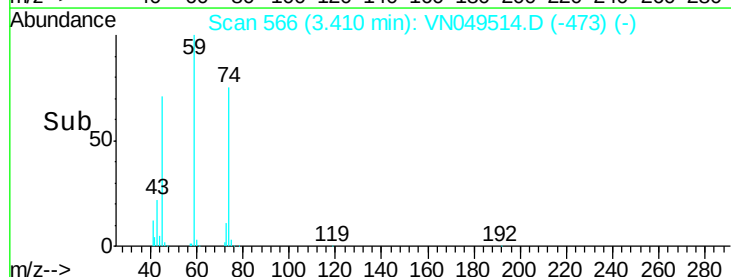
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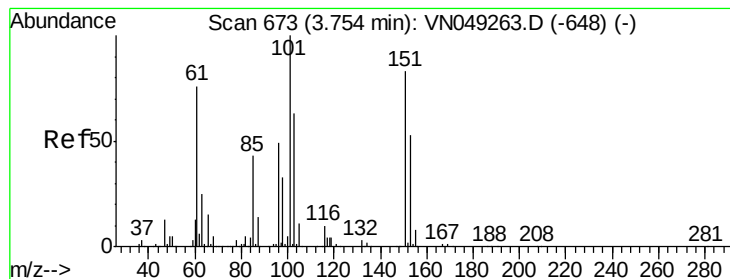
40000

20000

0

Time--> 3.30 3.40 3.50





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.34 ug/l

RT: 3.76 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBS01

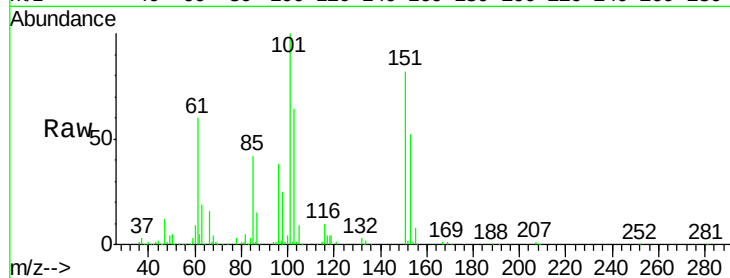
Tot Ion:101 Resp: 365189

Ion Ratio Lower Upper

101 100

85 42.4 37.6 56.4

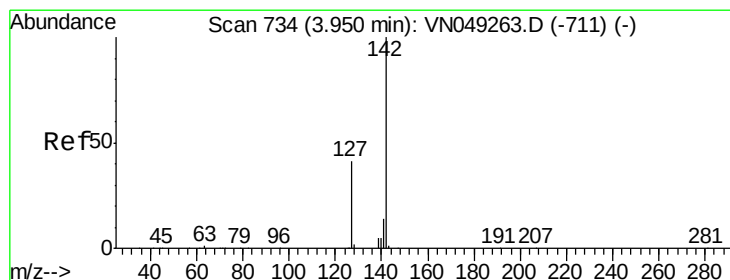
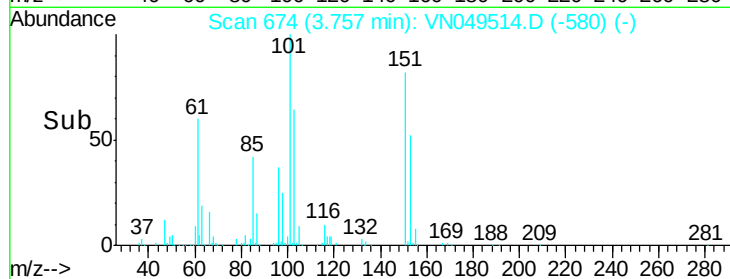
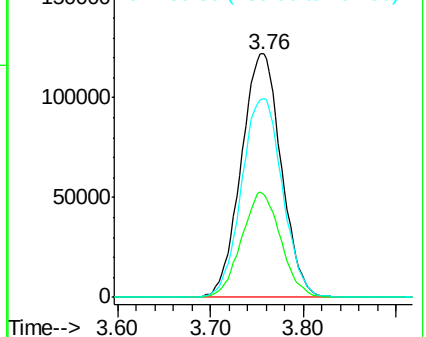
151 83.4 61.1 91.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.58 ug/l

RT: 3.95 min Scan# 734

Delta R.T. 0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

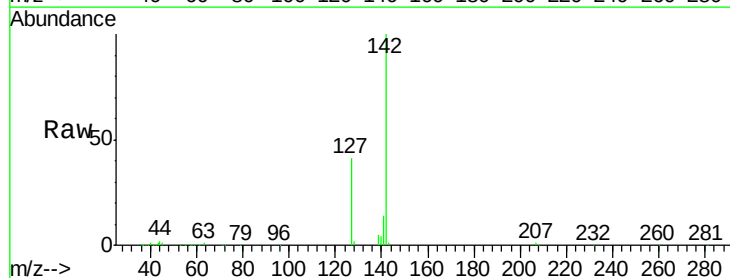
Tgt Ion:142 Resp: 363391

Ion Ratio Lower Upper

142 100

127 42.1 38.2 57.4

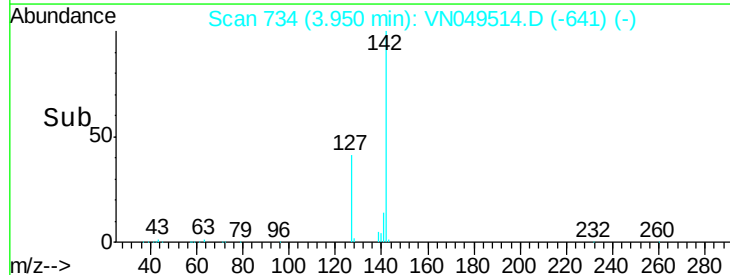
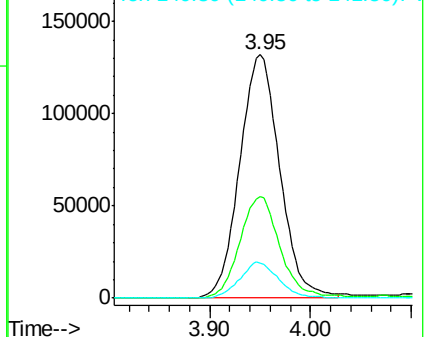
141 14.4 11.9 17.9

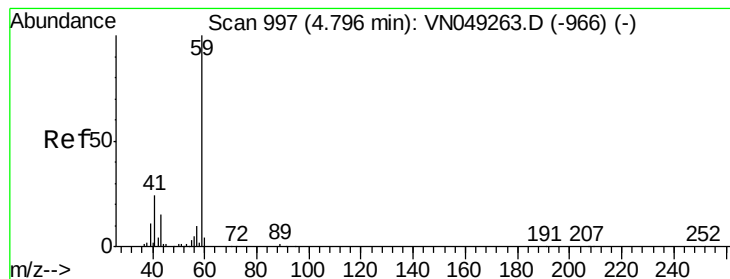


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 80.80 ug/l

RT: 4.79 min Scan# 995

Delta R.T. -0.01 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

Instrument :

MSVOA_N

ClientSampleId :

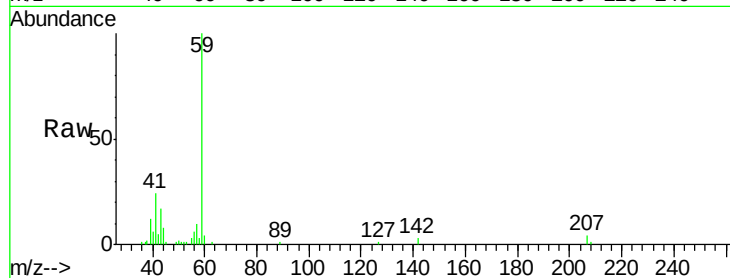
VN0625WBS01

Tot Ion: 59 Resp: 105962

Ion Ratio Lower Upper

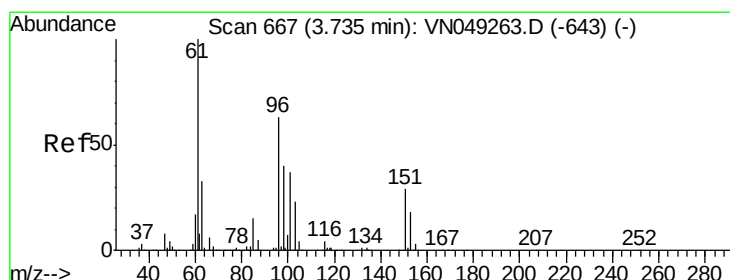
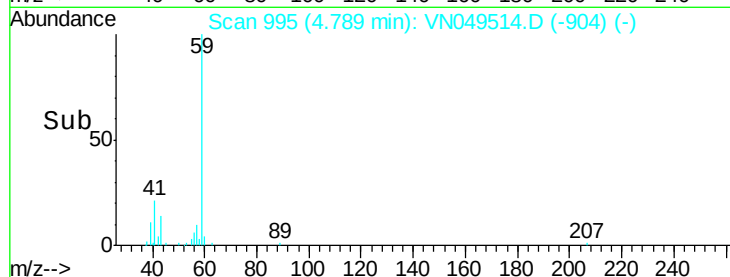
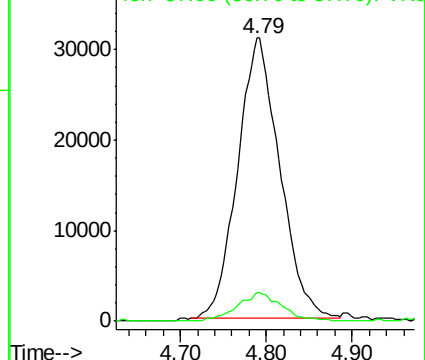
59 100

57 10.3 9.0 13.6



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 16.22 ug/l

RT: 3.73 min Scan# 667

Delta R.T. 0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

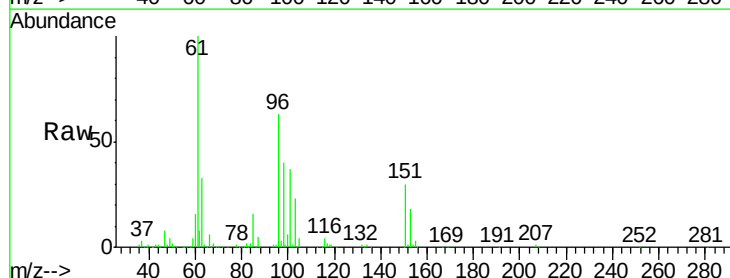
Tgt Ion: 96 Resp: 313272

Ion Ratio Lower Upper

96 100

61 159.7 141.0 211.4

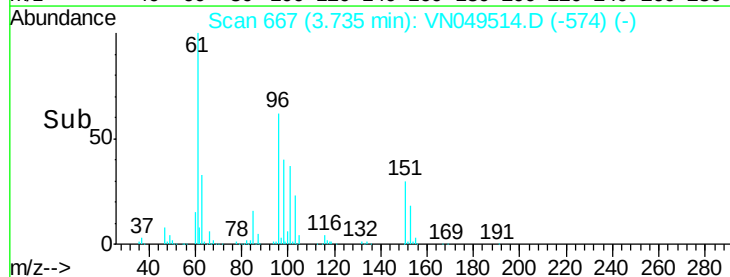
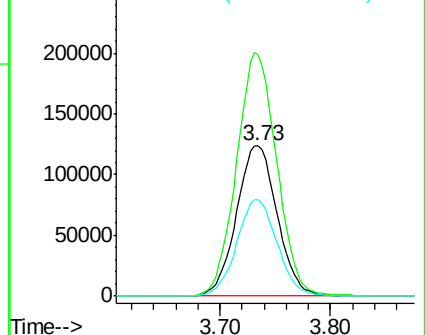
98 63.6 50.4 75.6

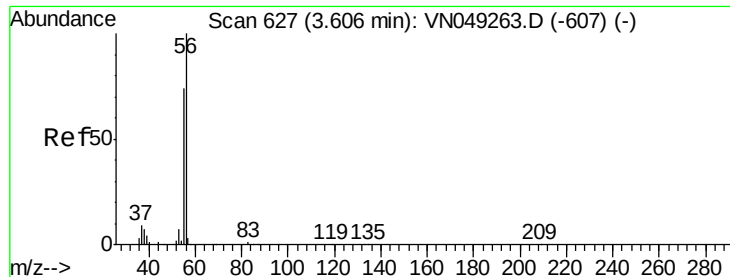


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 87.39 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

Instrument :

MSVOA_N

ClientSampled :

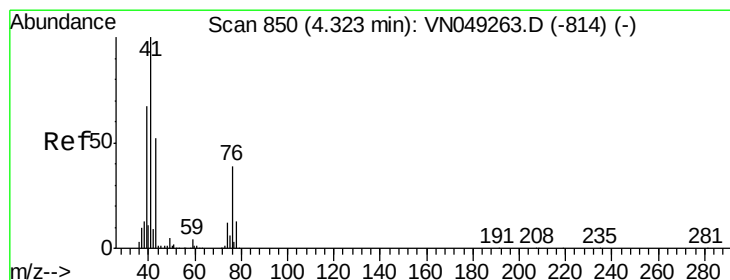
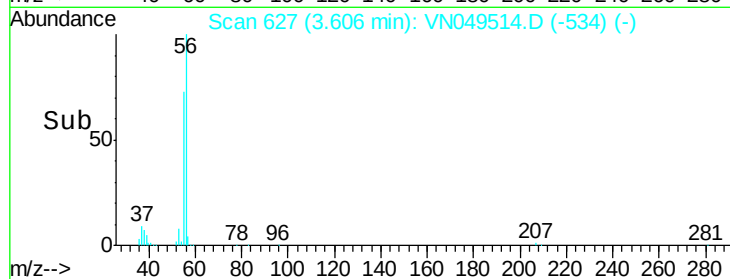
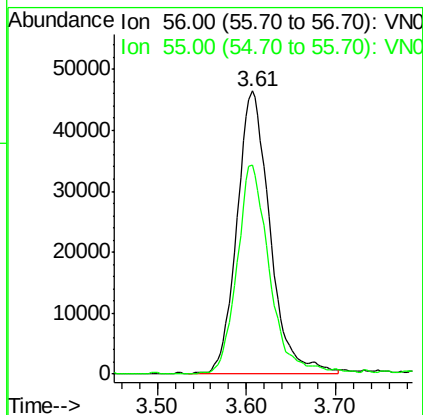
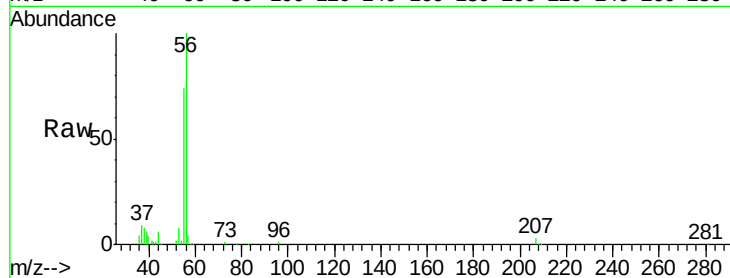
VN0625WBS01

Tot Ion: 56 Resp: 120180

Ion Ratio Lower Upper

56 100

55 71.9 57.1 85.7



#14

Allyl chloride

Concen: 16.76 ug/l

RT: 4.32 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

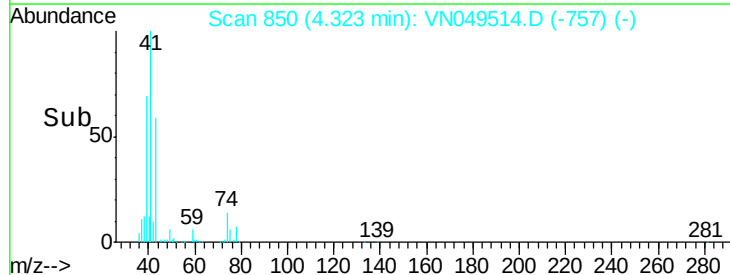
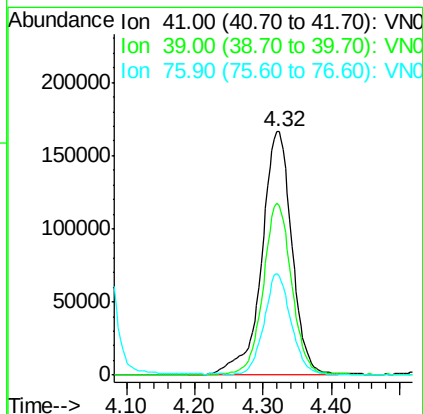
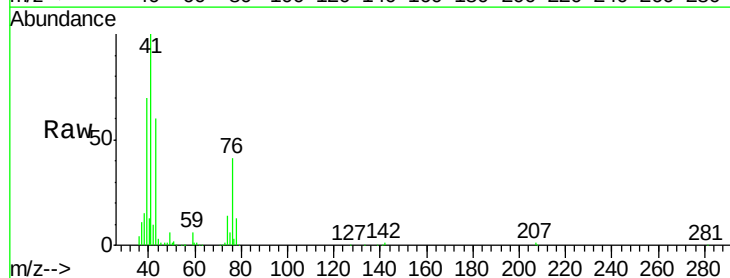
Tgt Ion: 41 Resp: 511060

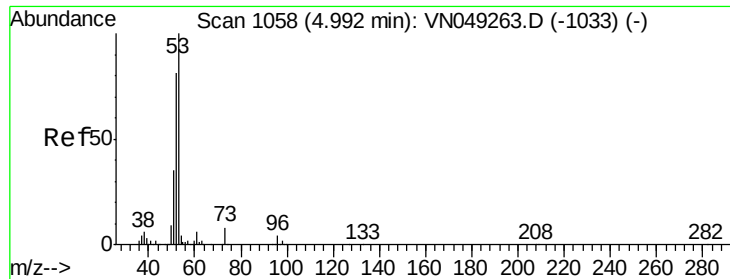
Ion Ratio Lower Upper

41 100

39 66.6 62.5 93.7

76 36.4 27.1 40.7

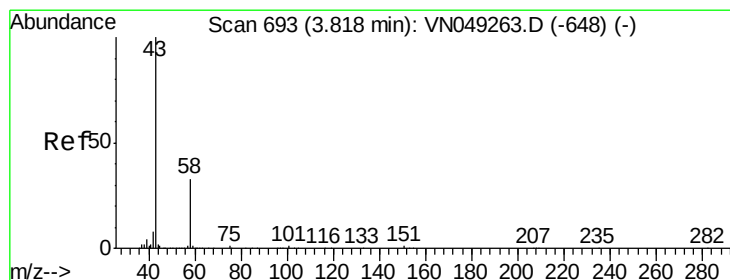
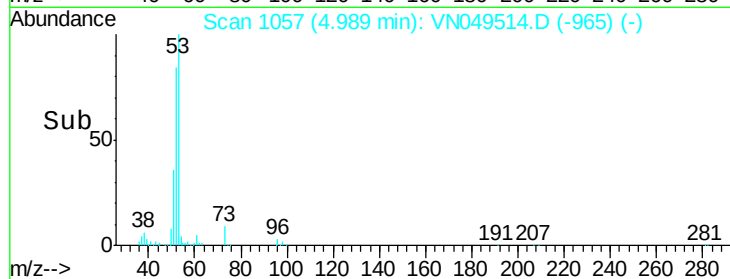
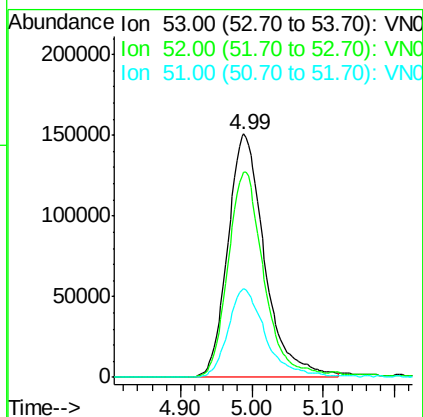
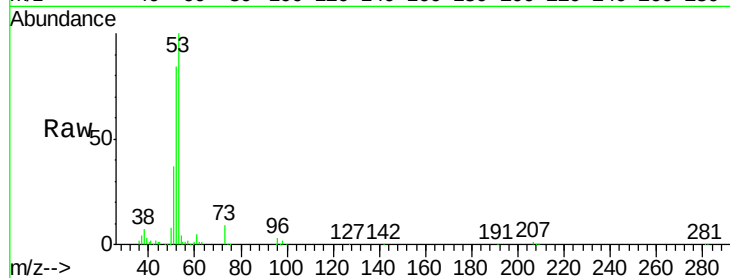




#15
 Acrylonitrile
 Concen: 82.77 ug/l
 RT: 4.99 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: VN049514.D
 Acq: 25 Jun 2018 15:22

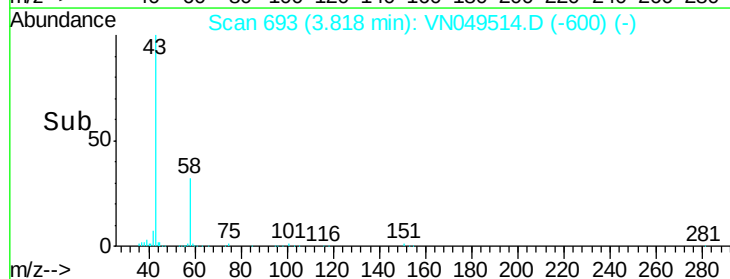
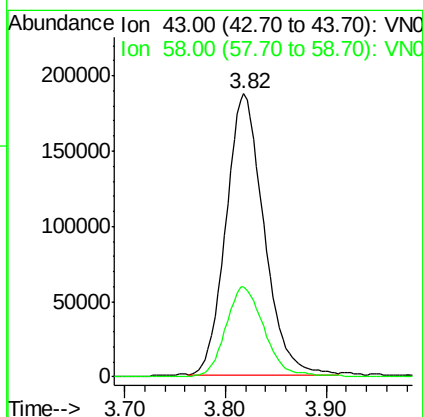
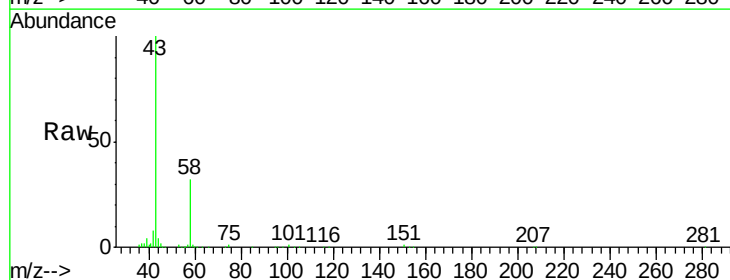
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBS01

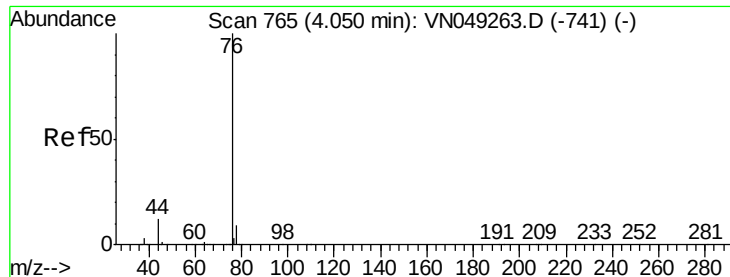
Tot Ion	53	Resp	542762
Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.6	100.0
51	36.2	29.8	44.8



#16
 Acetone
 Concen: 89.60 ug/l
 RT: 3.82 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: VN049514.D
 Acq: 25 Jun 2018 15:22

Tgt Ion	43	Resp	486102
Ion	Ratio	Lower	Upper
43	100		
58	31.9	22.4	33.6

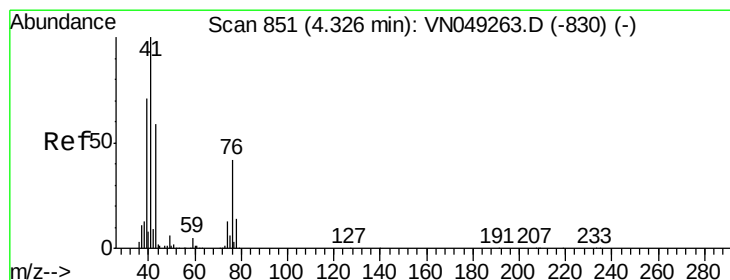
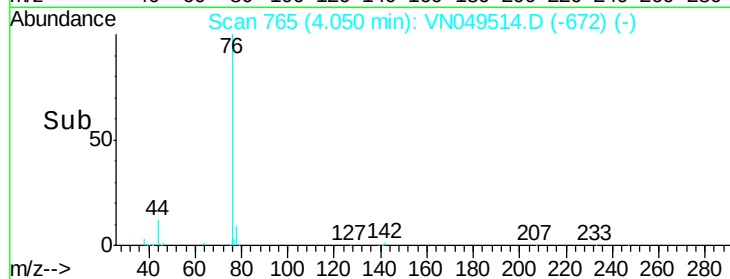
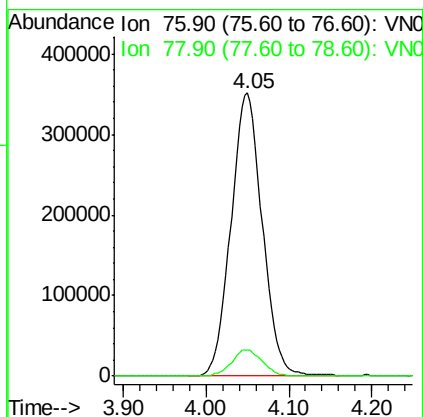
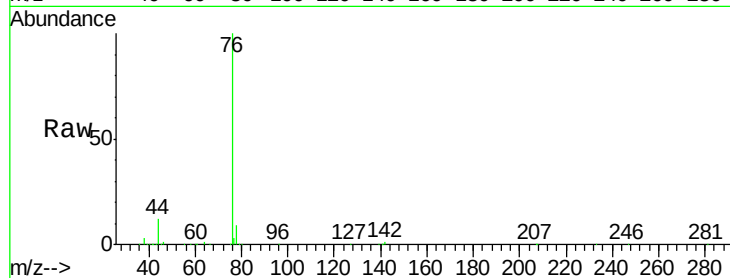




#17
Carbon Disulfide
Concen: 15.26 ug/l
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN049514.D
Acq: 25 Jun 2018 15:22

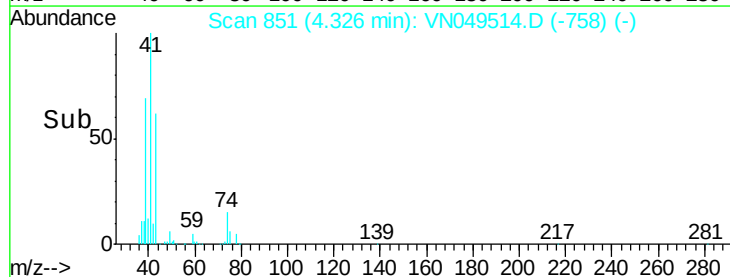
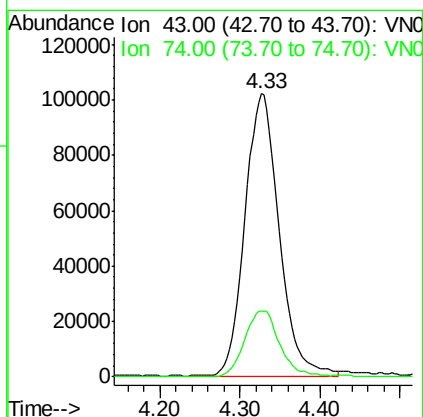
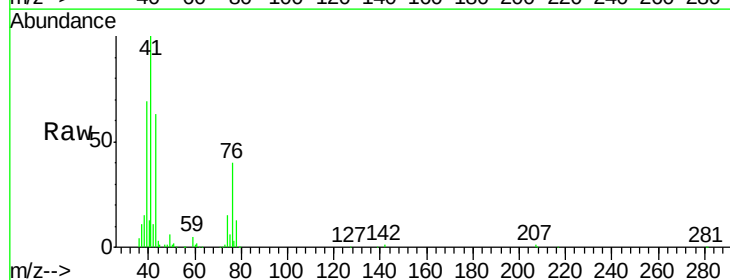
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

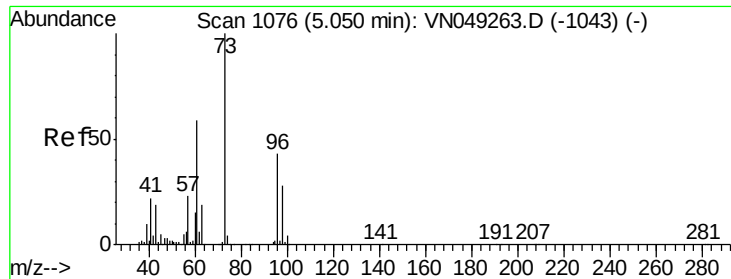
Tot Ion: 76 Resp: 923645
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 17.90 ug/l
RT: 4.33 min Scan# 851
Delta R.T. 0.00 min
Lab File: VN049514.D
Acq: 25 Jun 2018 15:22

Tgt Ion: 43 Resp: 296097
Ion Ratio Lower Upper
43 100
74 24.0 17.4 26.0





#19

Methvl tert-butvl Ether

Concen: 17.30 ug/l

RT: 5.05 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

Instrument :

MSVOA_N

ClientSampleId :

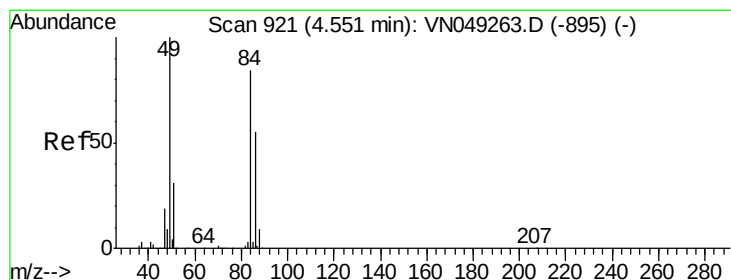
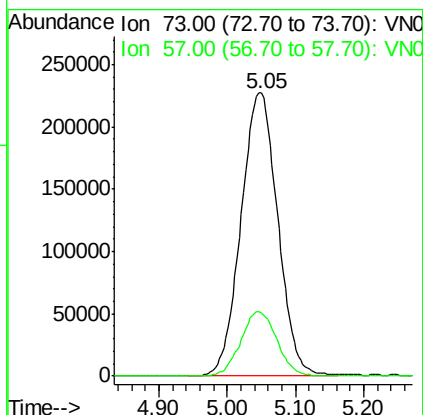
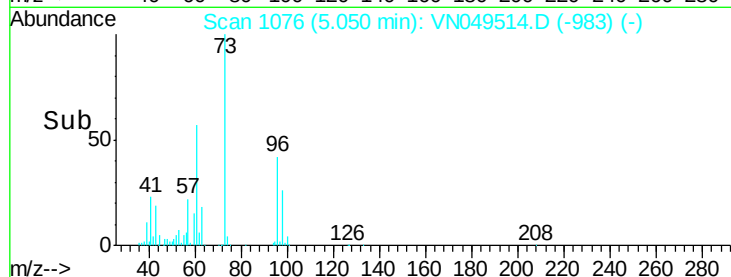
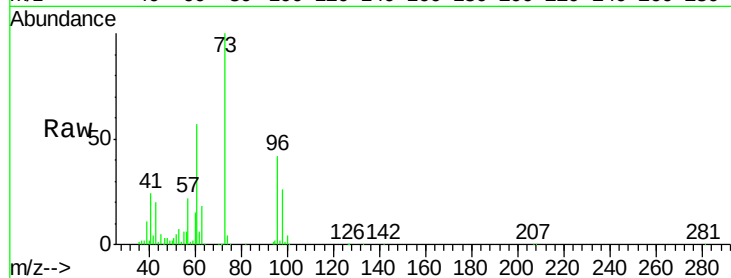
VN0625WBS01

Tot Ion: 73 Resp: 852215

Ion Ratio Lower Upper

73 100

57 22.2 18.2 27.4



#20

Methylene Chloride

Concen: 17.50 ug/l

RT: 4.55 min Scan# 920

Delta R.T. -0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

Tgt Ion: 84 Resp: 396538

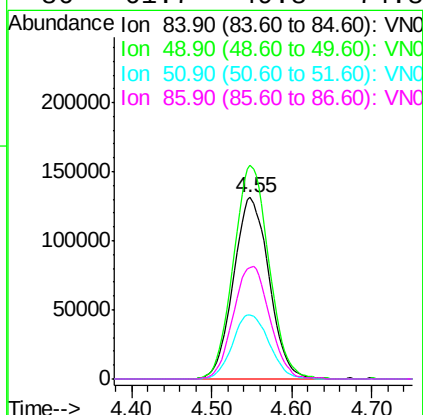
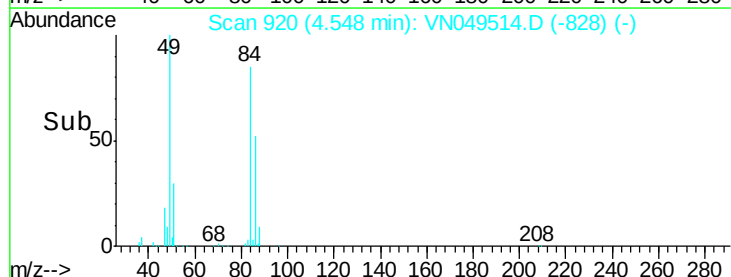
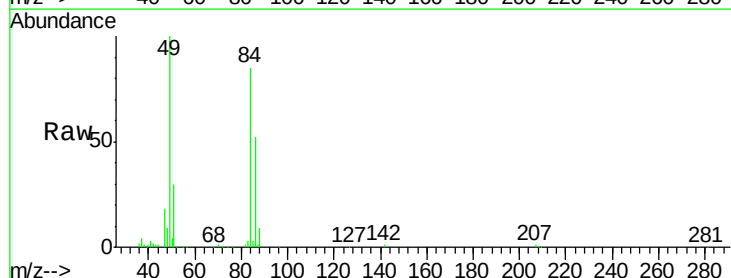
Ion Ratio Lower Upper

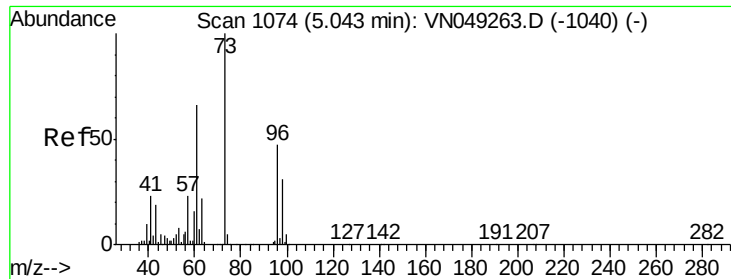
84 100

49 117.6 106.9 160.3

51 35.4 32.7 49.1

86 61.7 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 16.71 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBS01

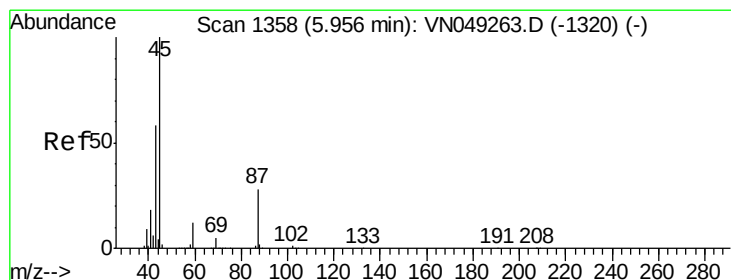
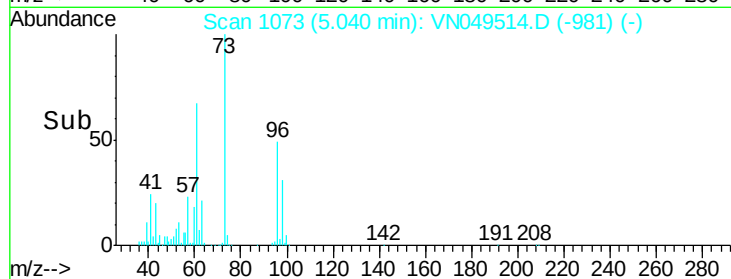
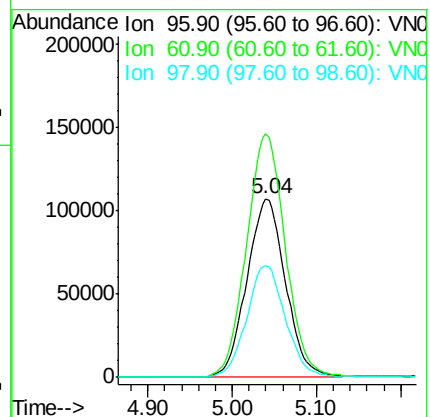
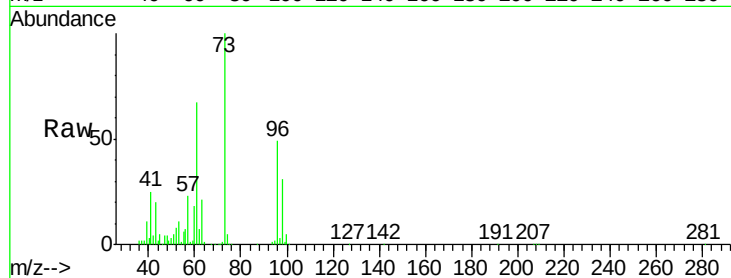
Tot Ion: 96 Resp: 341645

Ion Ratio Lower Upper

96 100

61 136.5 121.3 181.9

98 62.4 52.0 78.0



#22

Diisopropyl ether

Concen: 17.83 ug/l

RT: 5.95 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

Tgt Ion: 45 Resp: 1086252

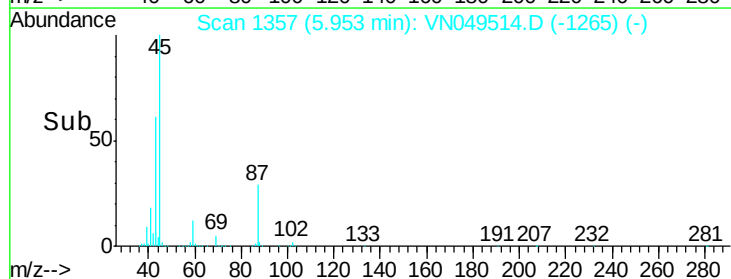
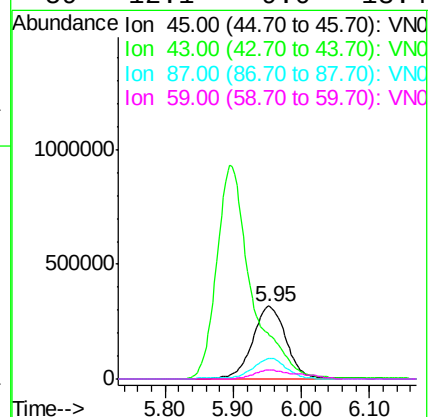
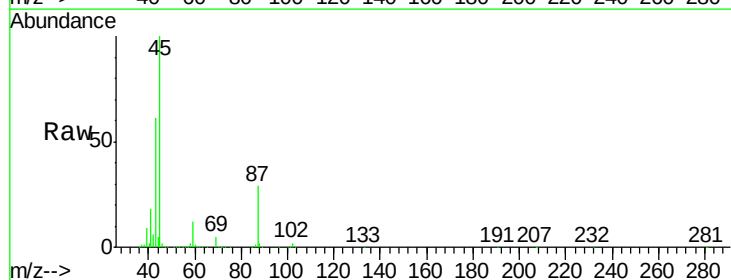
Ion Ratio Lower Upper

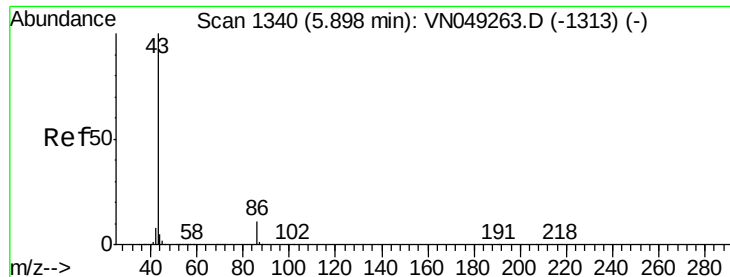
45 100

43 59.0 48.6 72.8

87 28.2 20.2 30.2

59 12.1 9.0 13.4





#23

Vinyl Acetate

Concen: 82.64 ug/l

RT: 5.90 min Scan# 1339

Delta R.T. -0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

Instrument :

MSVOA_N

ClientSampleId :

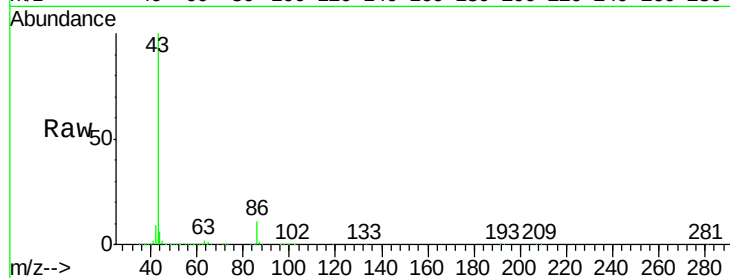
VN0625WBS01

Tot Ion: 43 Resp: 3281276

Ion Ratio Lower Upper

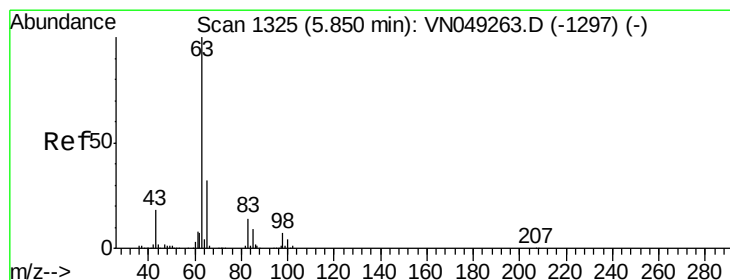
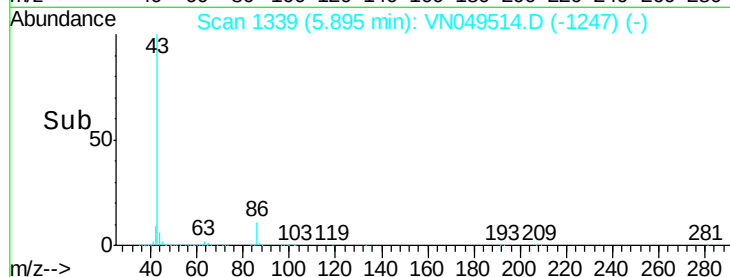
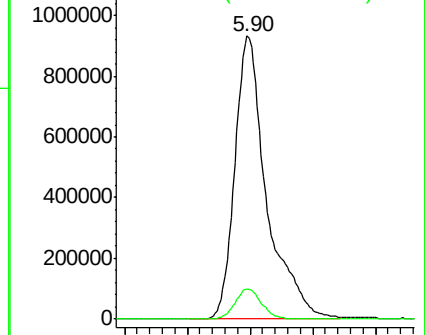
43 100

86 10.7 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 17.22 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

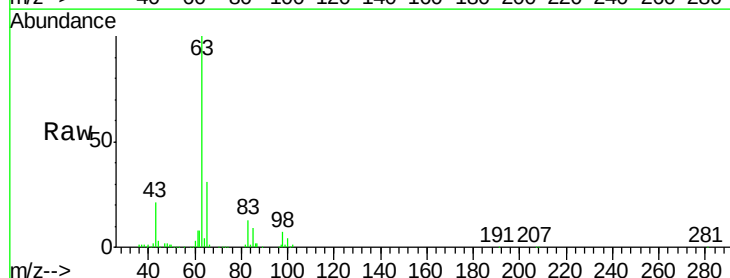
Tgt Ion: 63 Resp: 671262

Ion Ratio Lower Upper

63 100

98 7.1 2.9 8.8

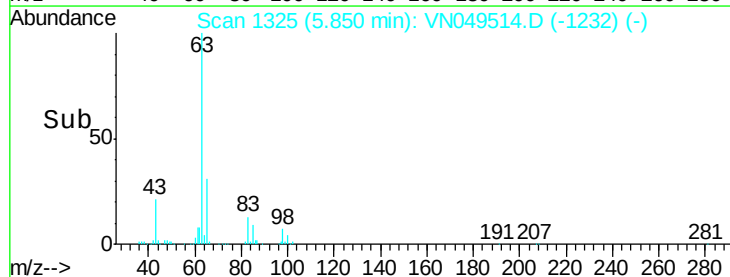
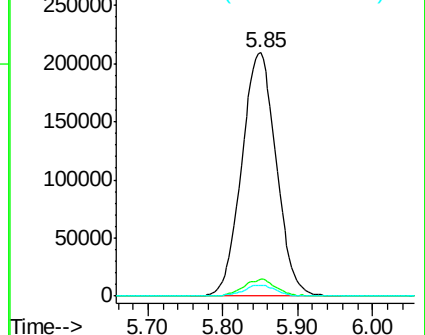
100 4.4 2.1 6.3

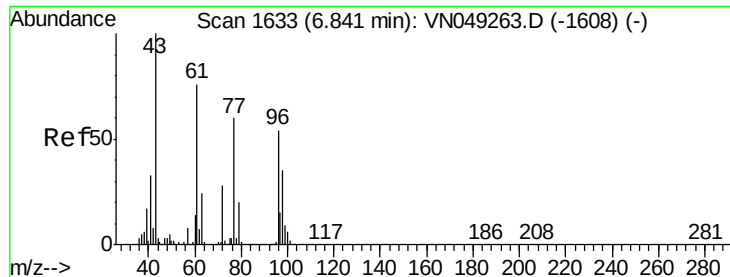


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

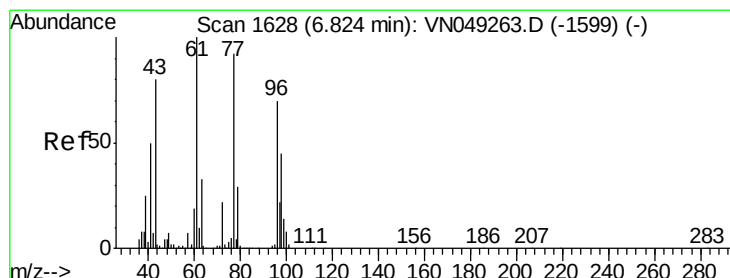
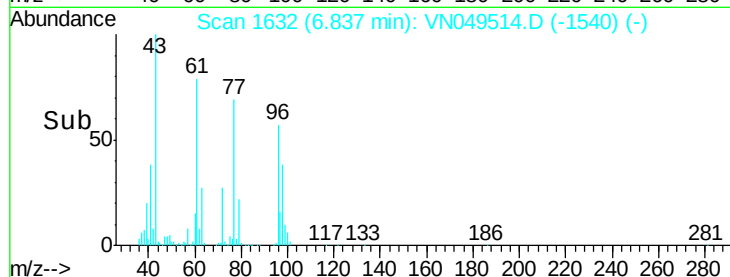
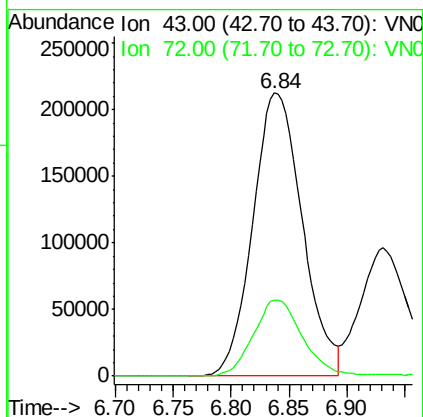
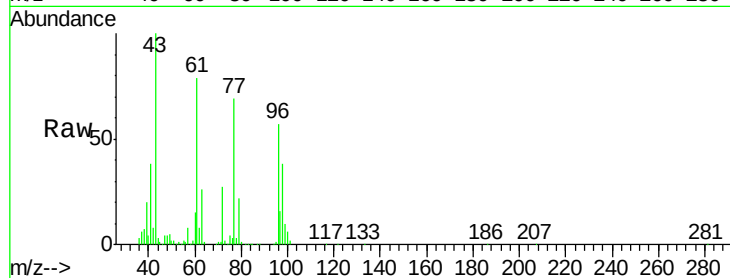




#25
2-Butanone
Concen: 86.33 ug/l
RT: 6.84 min Scan# 1632
Delta R.T. -0.00 min
Lab File: VN049514.D
Acq: 25 Jun 2018 15:22

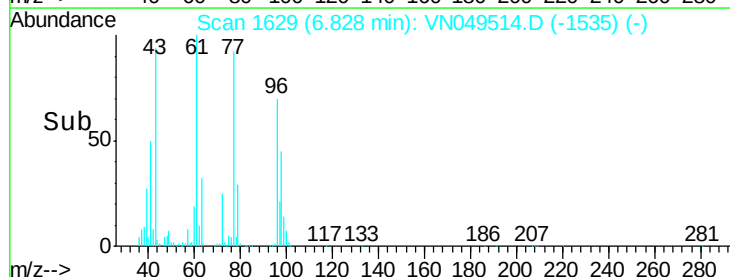
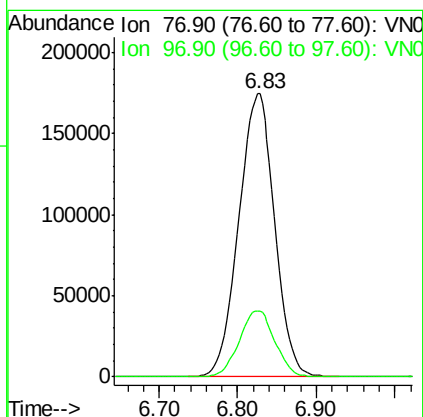
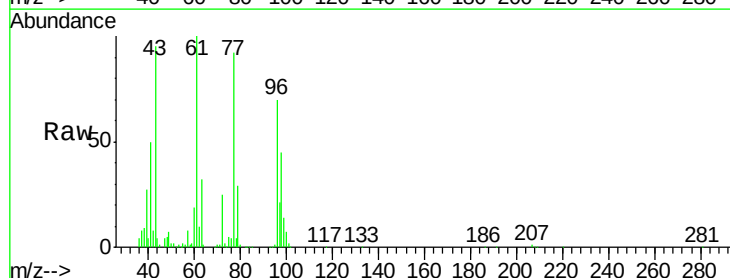
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

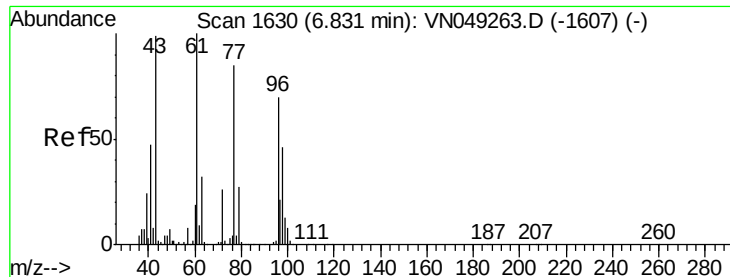
Tot Ion: 43 Resp: 628882
Ion Ratio Lower Upper
43 100
72 27.0 20.2 30.2



#26
2,2-Dichloropropane
Concen: 17.79 ug/l
RT: 6.83 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VN049514.D
Acq: 25 Jun 2018 15:22

Tgt Ion: 77 Resp: 560160
Ion Ratio Lower Upper
77 100
97 22.8 11.0 33.0





#27

cis-1,2-Dichloroethene

Concen: 17.04 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBS01

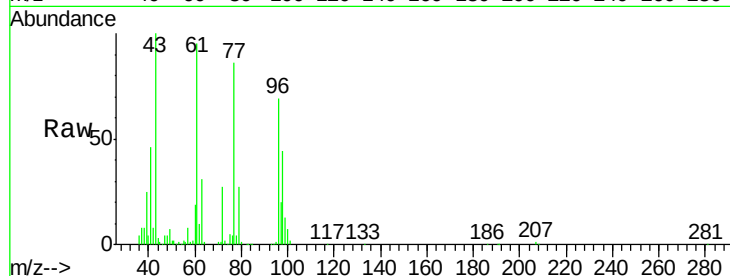
Tot Ion: 96 Resp: 387482

Ion Ratio Lower Upper

96 100

61 145.0 0.0 316.4

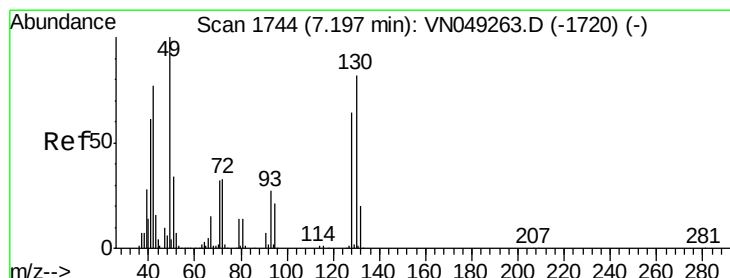
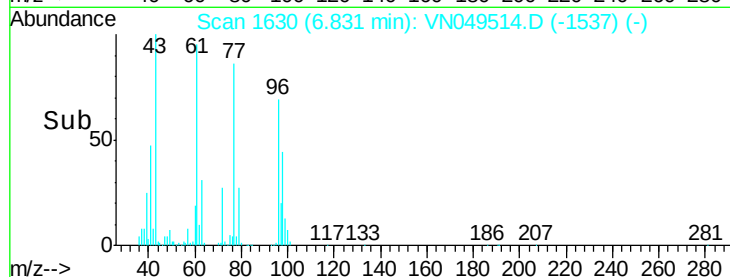
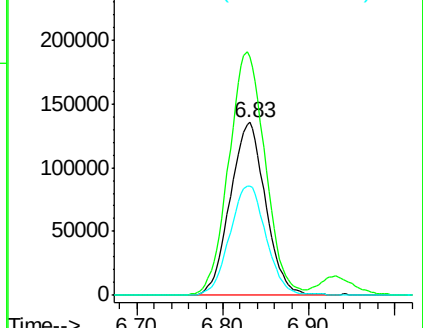
98 64.9 0.0 128.4



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: 18.97 ug/l

RT: 7.19 min Scan# 1743

Delta R.T. -0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

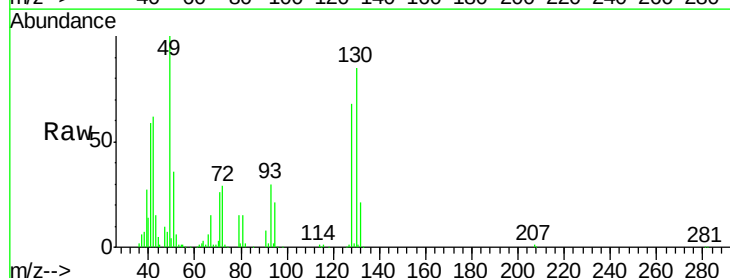
Tgt Ion: 49 Resp: 327819

Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

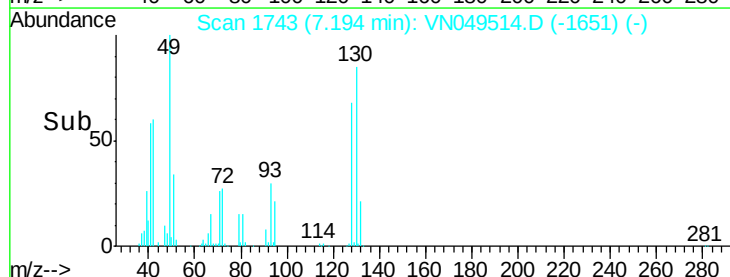
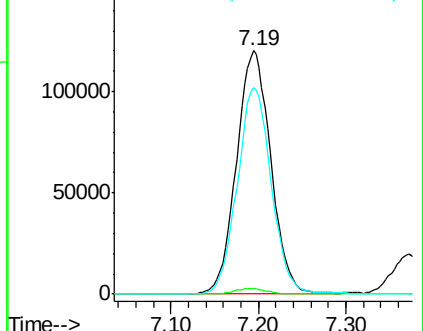
130 83.6 54.9 82.3#

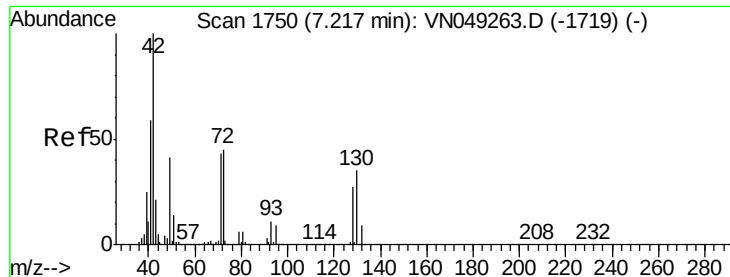


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 82.77 ug/l

RT: 7.21 min Scan# 1749

Delta R.T. -0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBS01

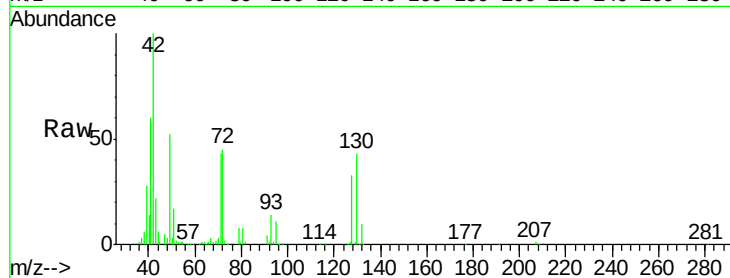
Tot Ion: 42 Resp: 388156

Ion Ratio Lower Upper

42 100

72 44.6 32.2 48.4

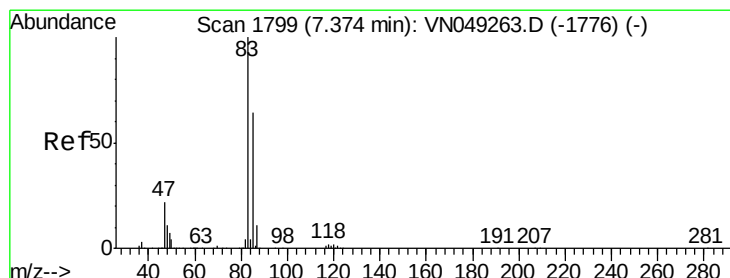
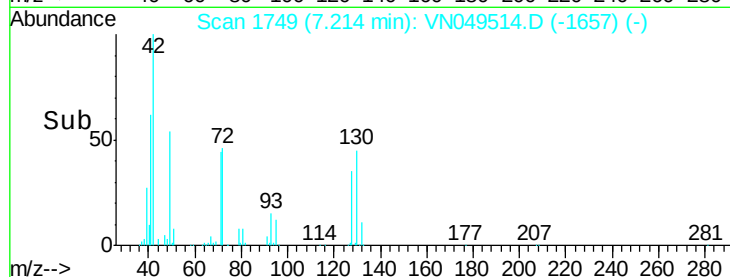
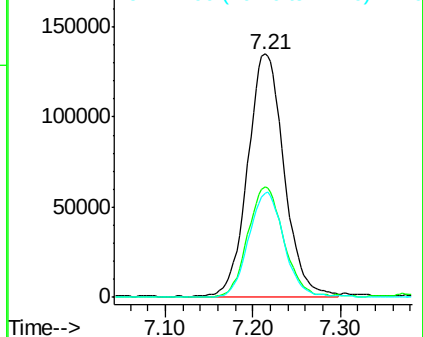
71 42.4 30.5 45.7



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 17.17 ug/l

RT: 7.37 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VN049514.D

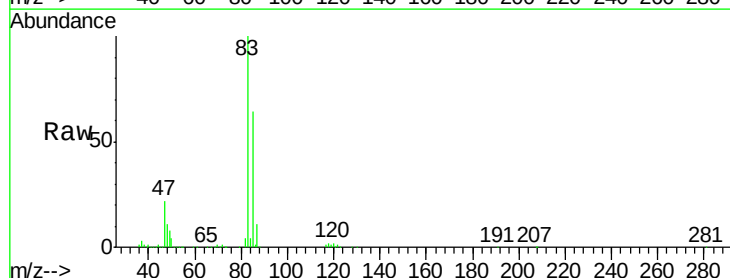
Acq: 25 Jun 2018 15:22

Tgt Ion: 83 Resp: 666065

Ion Ratio Lower Upper

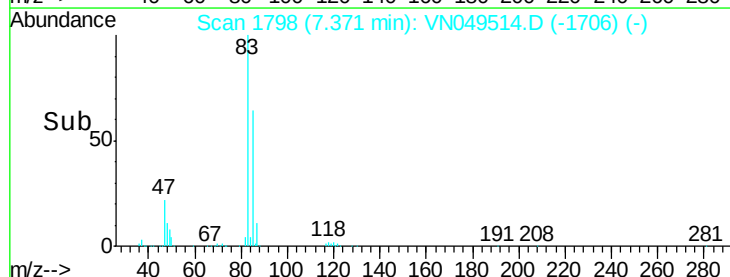
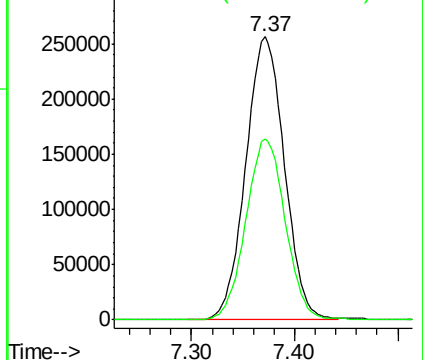
83 100

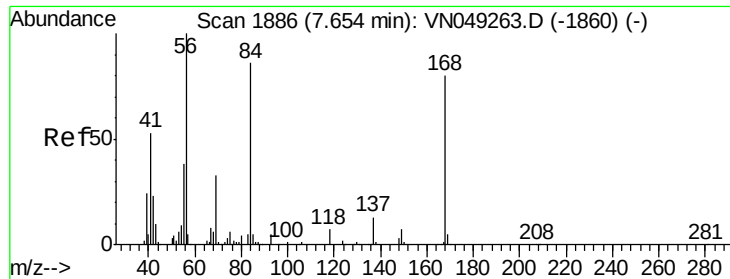
85 64.0 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

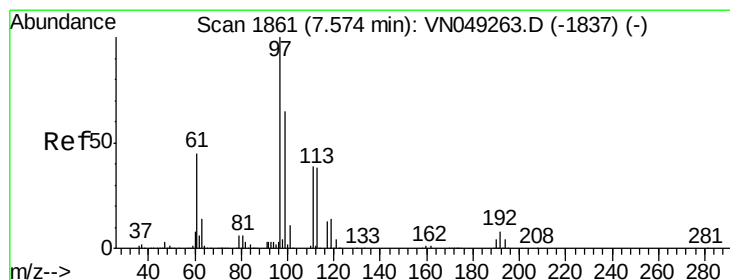
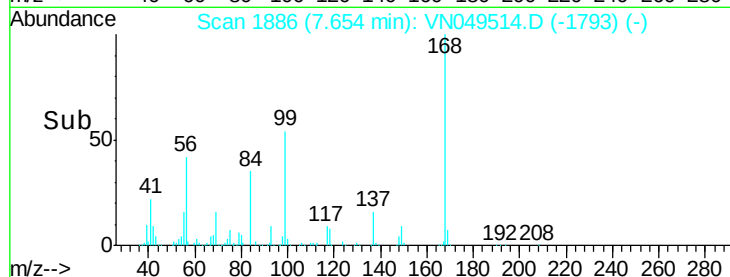
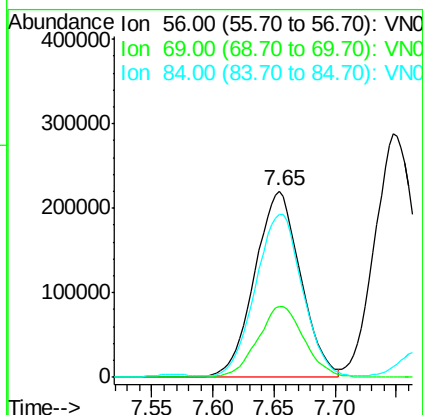
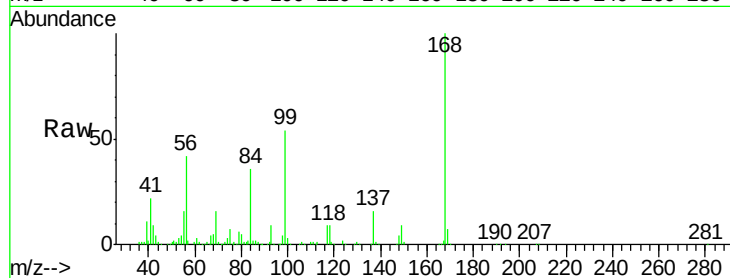




#31
Cyclohexane
Concen: 17.25 ug/l
RT: 7.65 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VN049514.D
Acq: 25 Jun 2018 15:22

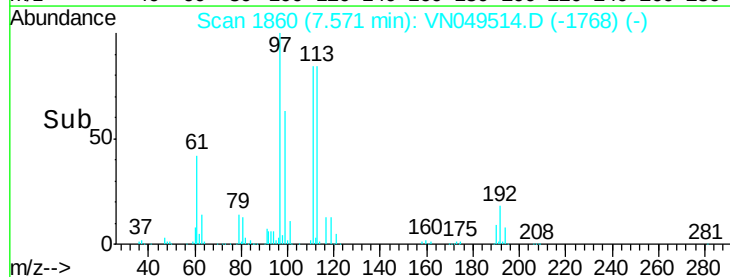
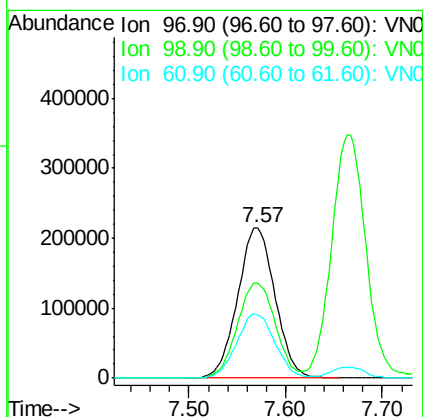
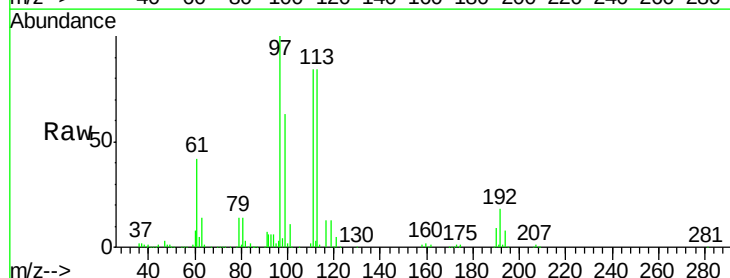
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

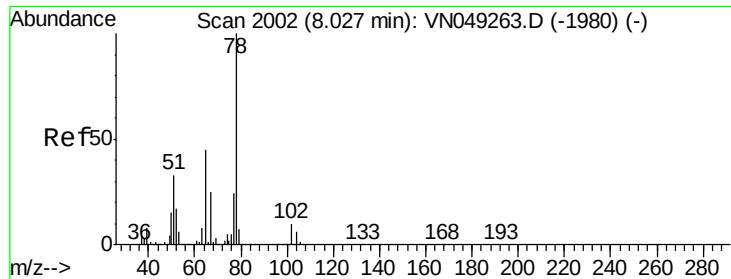
Tot Ion	56	Resp	573861
Ion	Ratio	Lower	Upper
56	100		
69	38.1	25.0	37.4#
84	86.1	64.6	96.8



#32
1,1,1-Trichloroethane
Concen: 17.43 ug/l
RT: 7.57 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VN049514.D
Acq: 25 Jun 2018 15:22

Tgt Ion	97	Resp	576955
Ion	Ratio	Lower	Upper
97	100		
99	64.5	50.5	75.7
61	43.8	37.9	56.9

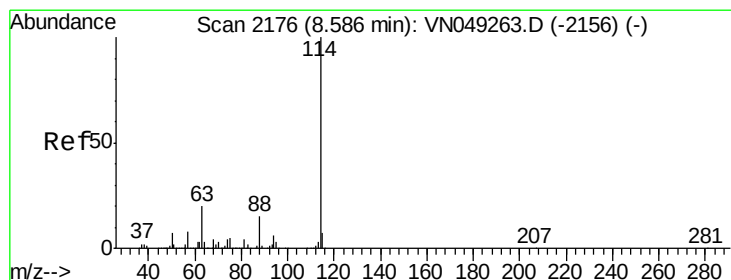
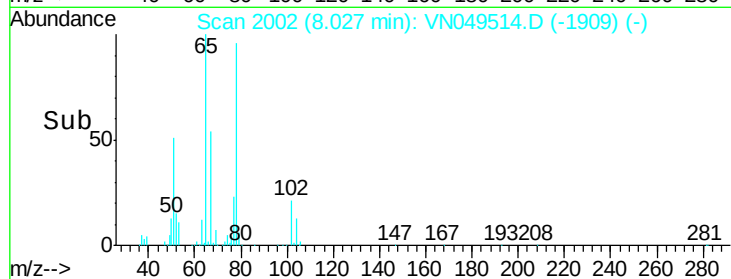
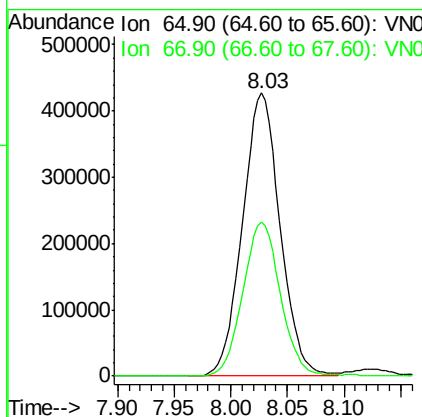
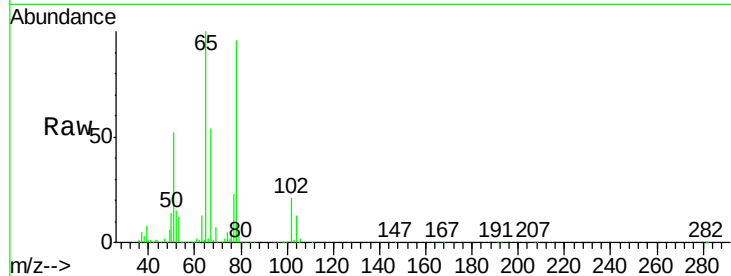




#33
 1,2-Dichloroethane-d4
 Concen: 44.28 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049514.D
 Acq: 25 Jun 2018 15:22

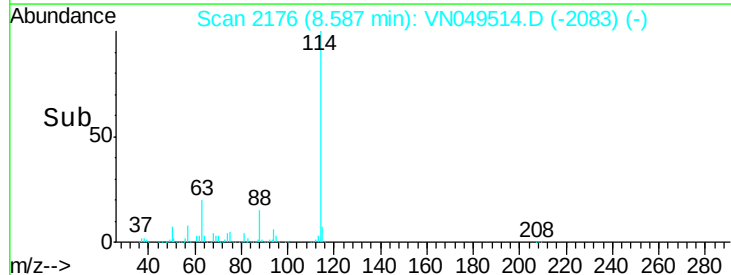
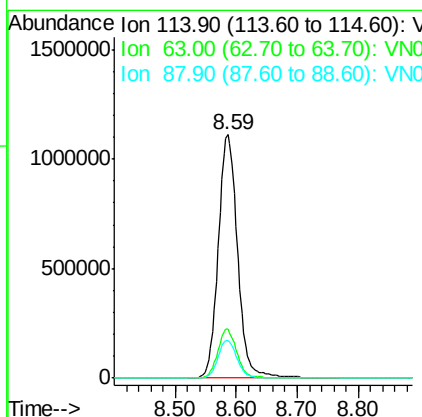
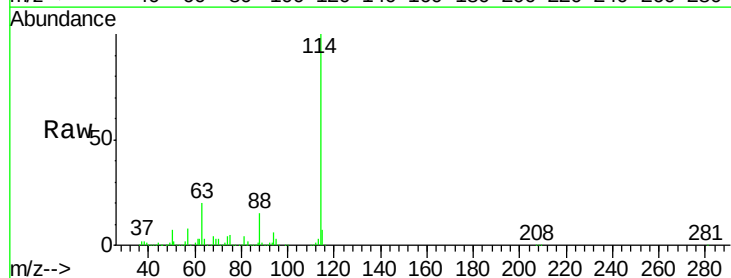
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBS01

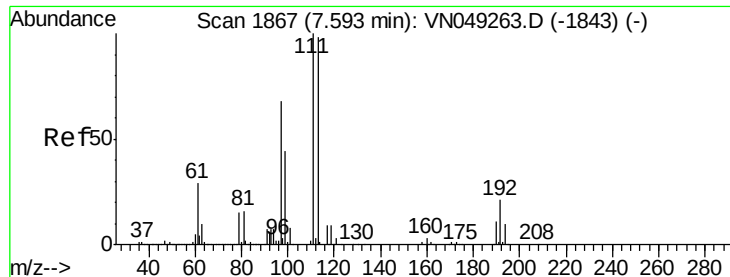
Tot Ion: 65 Resp: 989316
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049514.D
 Acq: 25 Jun 2018 15:22

Tgt Ion: 114 Resp: 2428676
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 44.4
 88 15.5 0.0 31.4

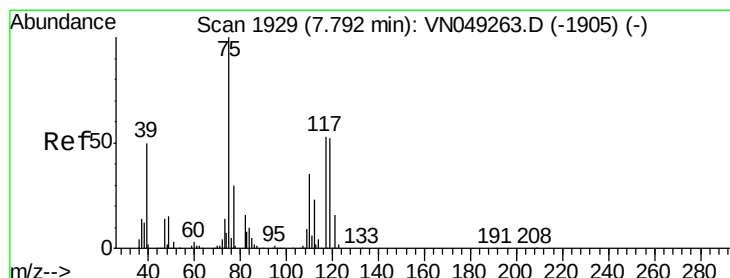
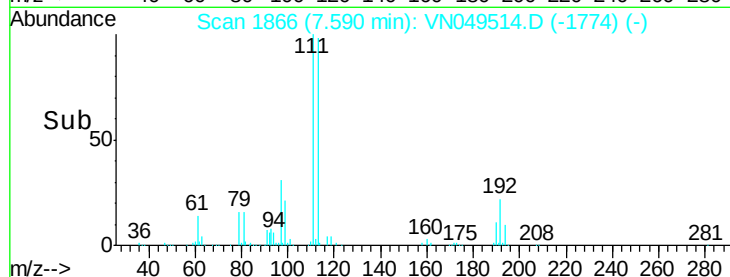
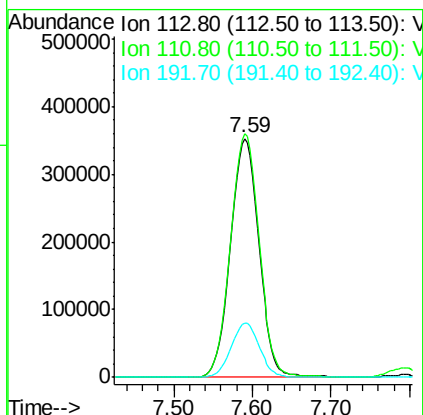
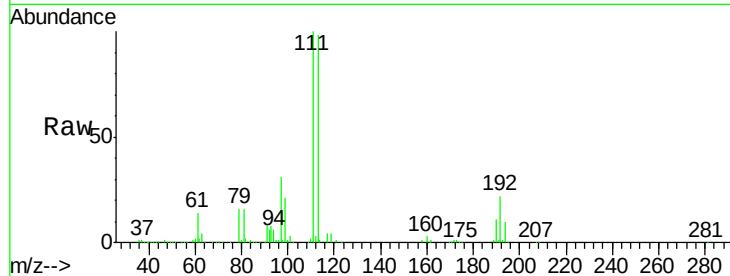




#35
 Dibromofluoromethane
 Concen: 45.42 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN049514.D
 Acq: 25 Jun 2018 15:22

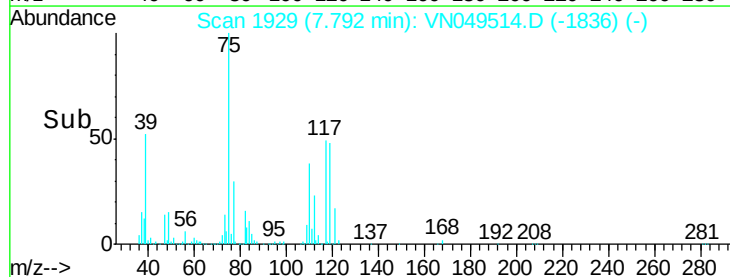
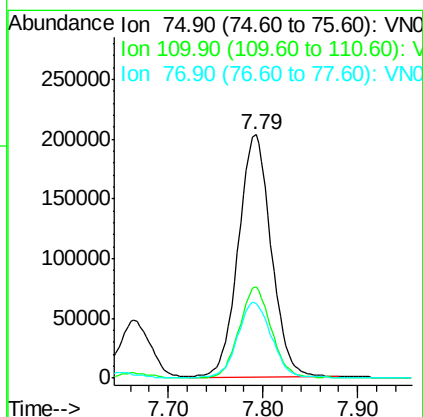
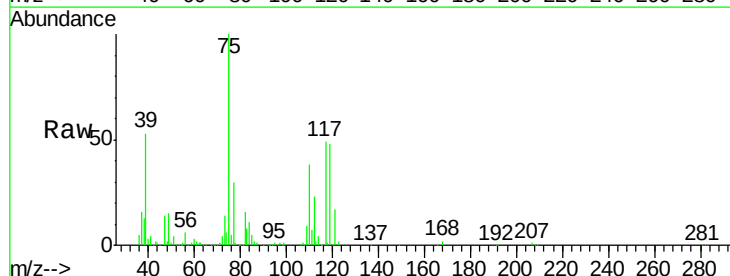
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBS01

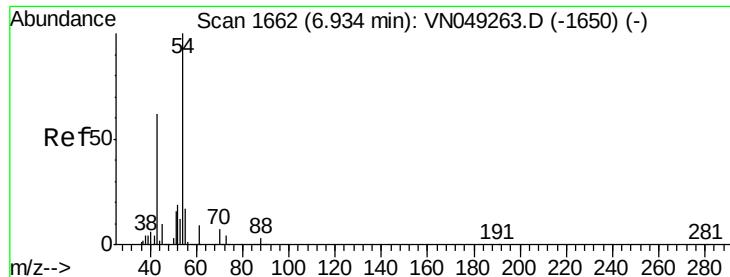
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.4	123.6
192	22.6	15.0	22.6#



#36
 1,1-Dichloropropene
 Concen: 17.54 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: VN049514.D
 Acq: 25 Jun 2018 15:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.0	17.0	50.9
77	31.8	24.4	36.6

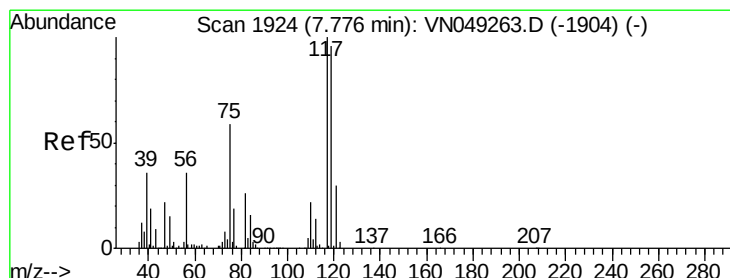
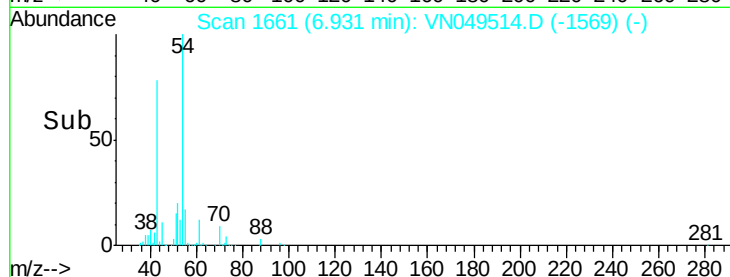
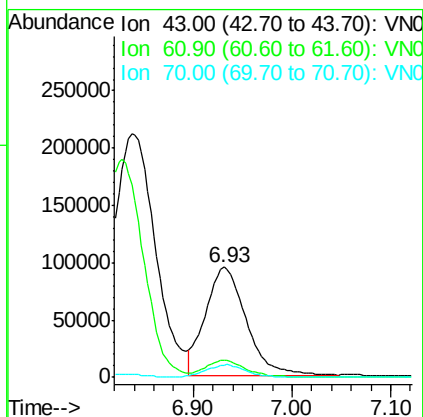
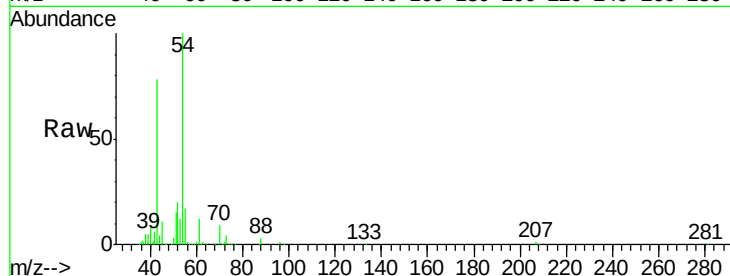




#37
Ethyl Acetate
Concen: 18.07 ug/l
RT: 6.93 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VN049514.D
Acq: 25 Jun 2018 15:22

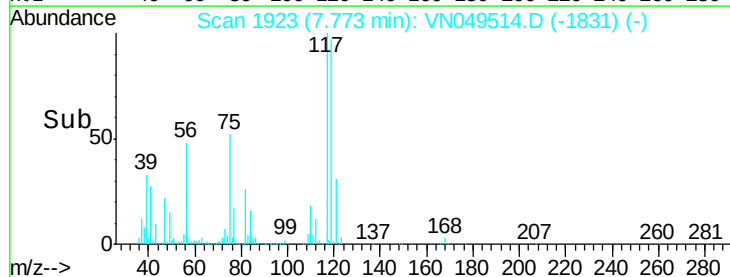
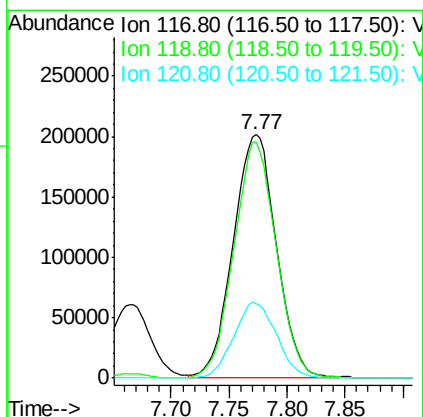
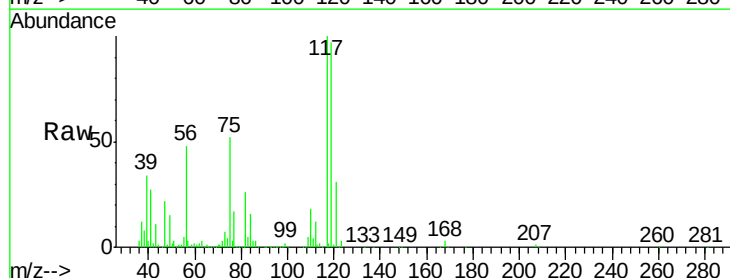
Instrument :
MSVOA_N
ClientSampled :
VN0625WBS01

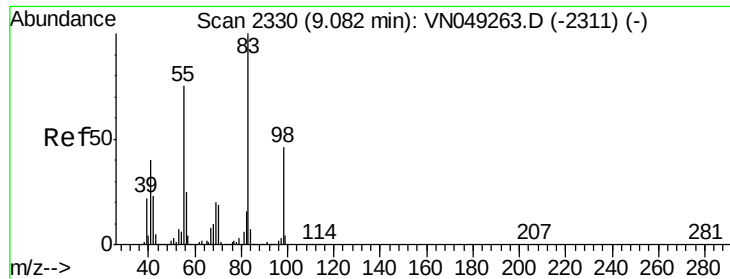
Tot Ion: 43 Resp: 273454
Ion Ratio Lower Upper
43 100
61 14.9 11.0 16.4
70 11.3 7.2 10.8#



#38
Carbon Tetrachloride
Concen: 17.97 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN049514.D
Acq: 25 Jun 2018 15:22

Tgt Ion: 117 Resp: 517784
Ion Ratio Lower Upper
117 100
119 97.1 75.6 113.4
121 30.9 24.7 37.1

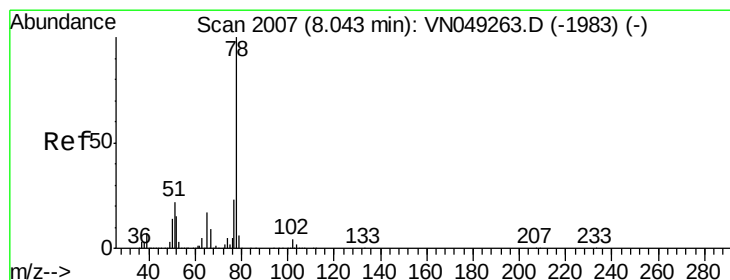
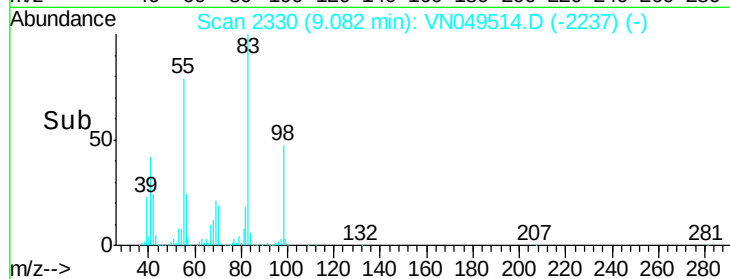
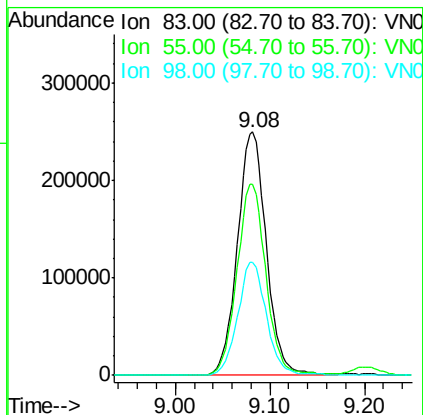
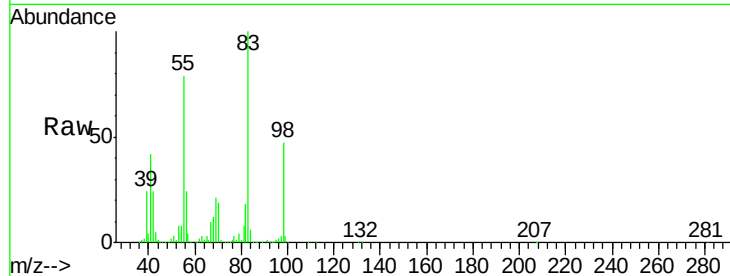




#39
Methylvlcyclohexane
Concen: 17.78 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049514.D
Acq: 25 Jun 2018 15:22

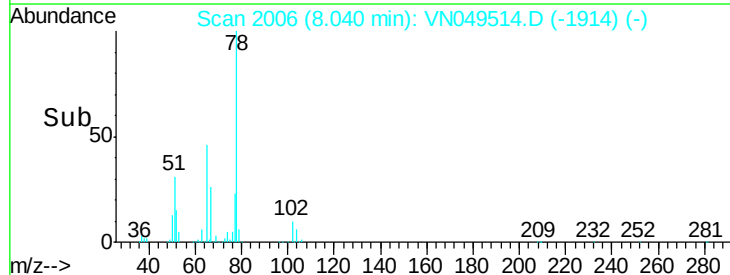
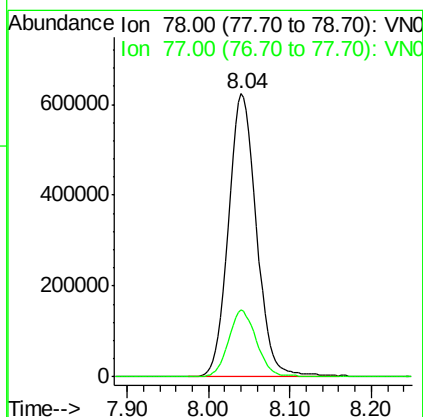
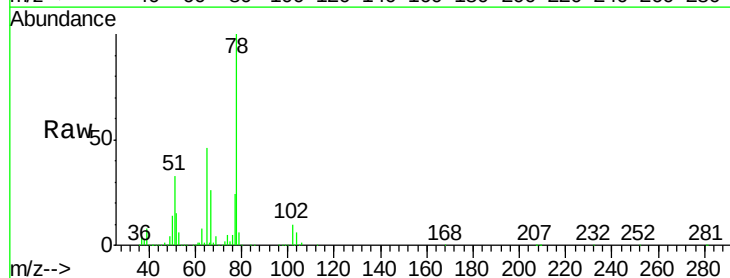
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

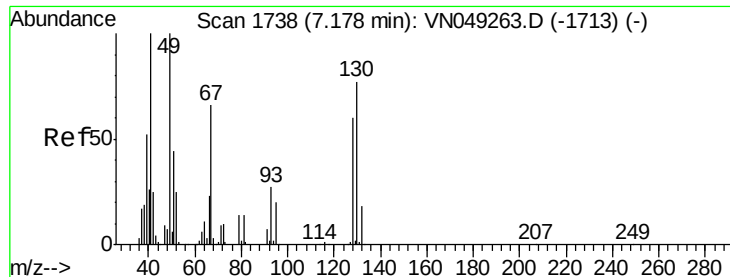
Tot Ion: 83 Resp: 531152
Ion Ratio Lower Upper
83 100
55 78.5 65.1 97.7
98 46.6 36.5 54.7



#40
Benzene
Concen: 17.68 ug/l
RT: 8.04 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VN049514.D
Acq: 25 Jun 2018 15:22

Tgt Ion: 78 Resp: 1508826
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.0

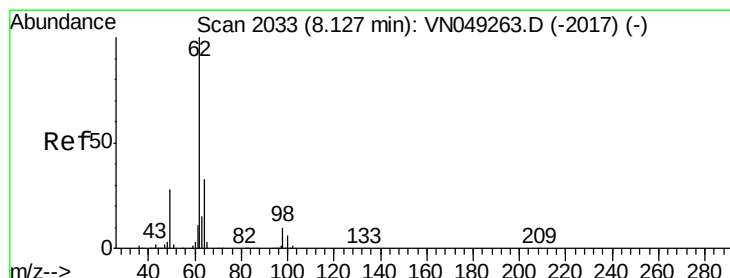
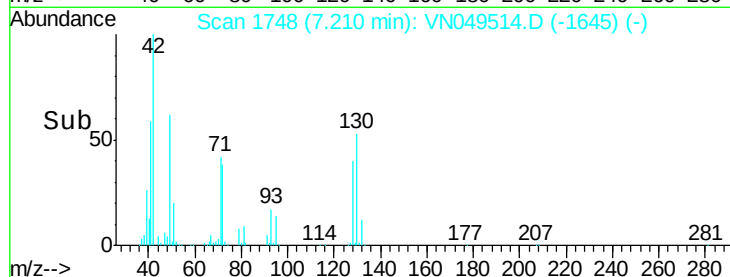
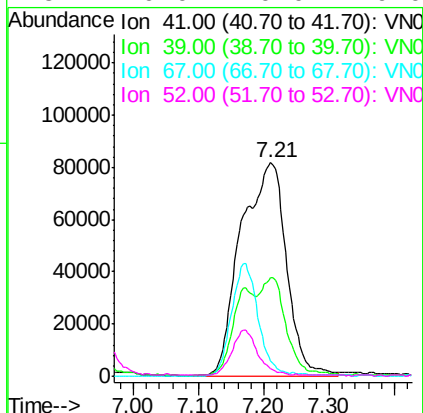
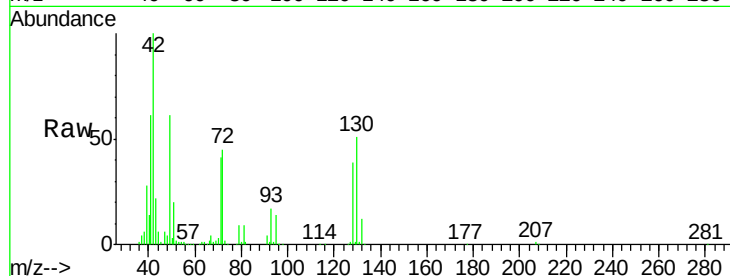




#41
Methacrylonitrile
Concen: 48.42 ug/l
RT: 7.21 min Scan# 1748
Delta R.T. 0.03 min
Lab File: VN049514.D
Acq: 25 Jun 2018 15:22

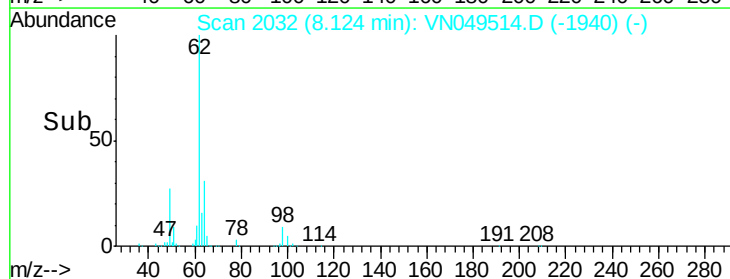
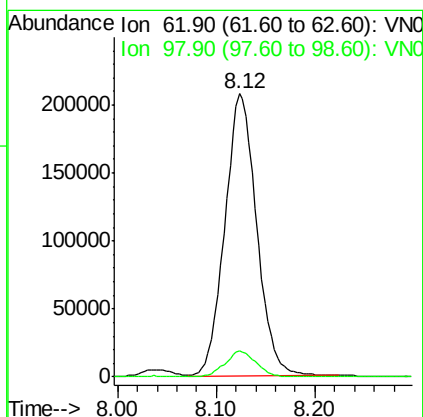
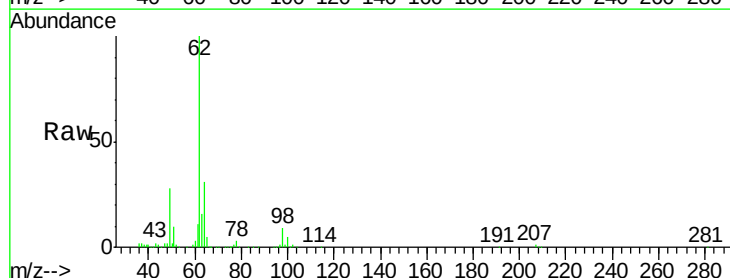
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

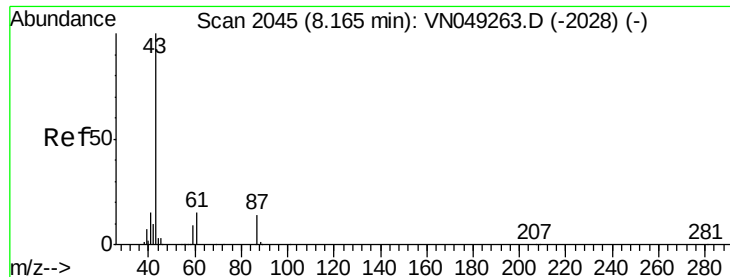
Tot Ion:	41	Resp:	396109
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 17.77 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. -0.00 min
Lab File: VN049514.D
Acq: 25 Jun 2018 15:22

Tgt Ion:	62	Resp:	468601
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	16.2





#43

Isopropyl Acetate

Concen: 17.02 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBS01

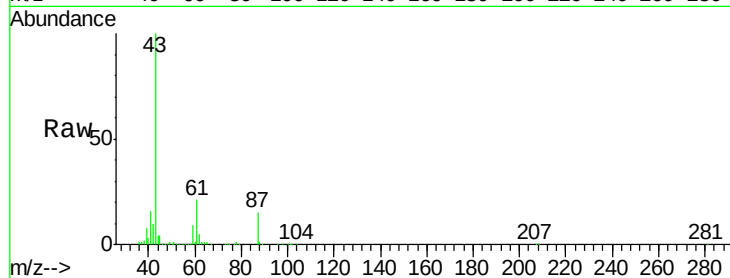
Tot Ion: 43 Resp: 491981

Ion Ratio Lower Upper

43 100

61 19.6 14.2 21.4

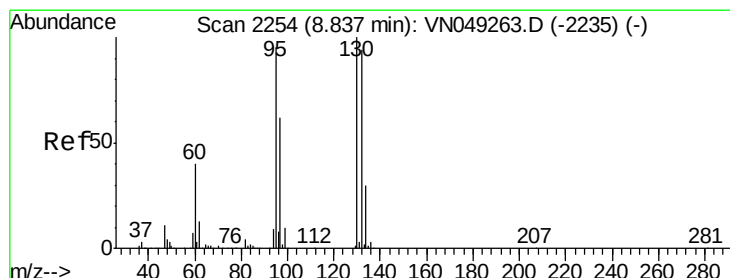
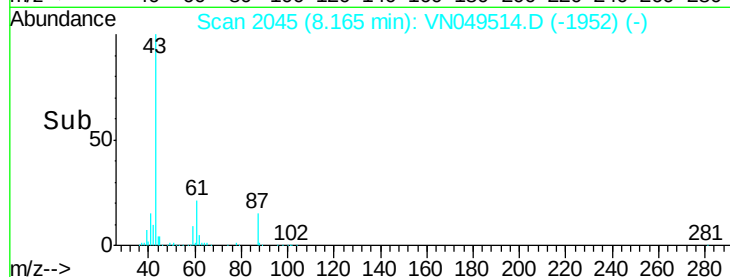
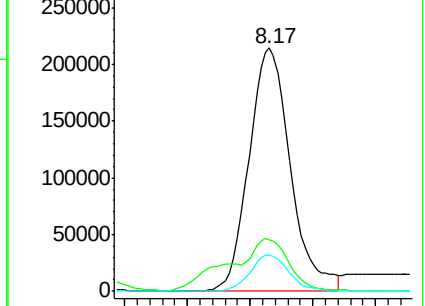
87 14.0 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VN049514.D (-1952) (-)

Ion 61.00 (60.70 to 61.70): VN049514.D (-1952) (-)

Ion 87.00 (86.70 to 87.70): VN049514.D (-1952) (-)



#44

Trichloroethene

Concen: 18.44 ug/l

RT: 8.83 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VN049514.D

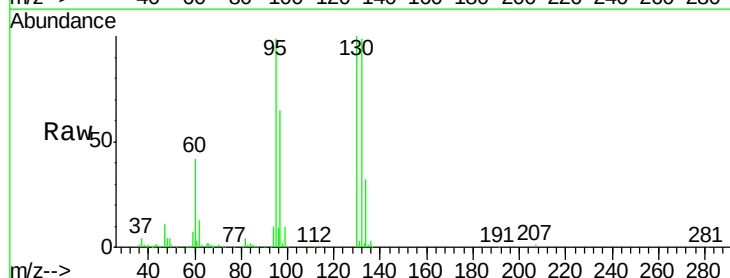
Acq: 25 Jun 2018 15:22

Tgt Ion:130 Resp: 415540

Ion Ratio Lower Upper

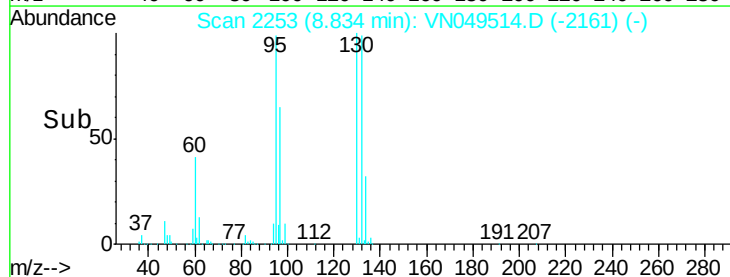
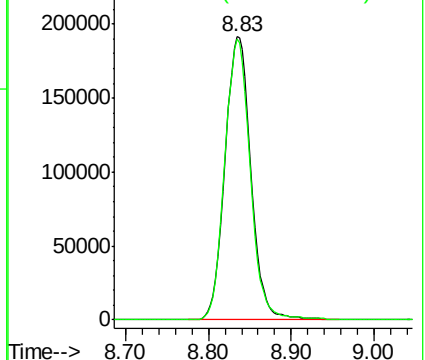
130 100

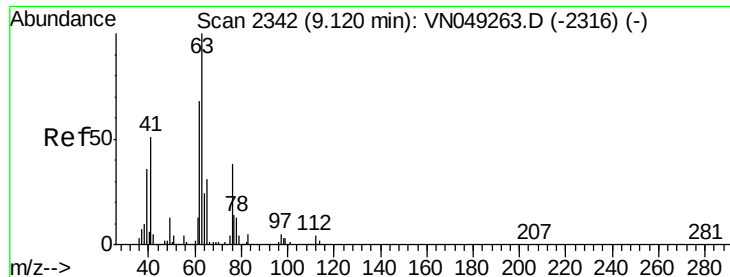
95 99.4 0.0 208.6



Abundance Ion 129.80 (129.50 to 130.50): VN049514.D (-2161) (-)

Ion 94.90 (94.60 to 95.60): VN049514.D (-2161) (-)

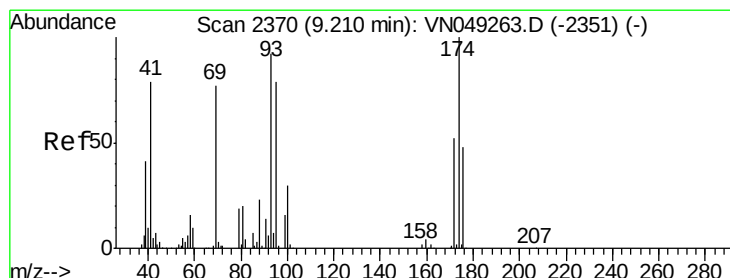
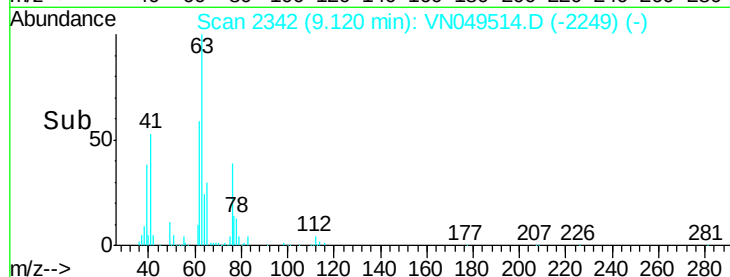
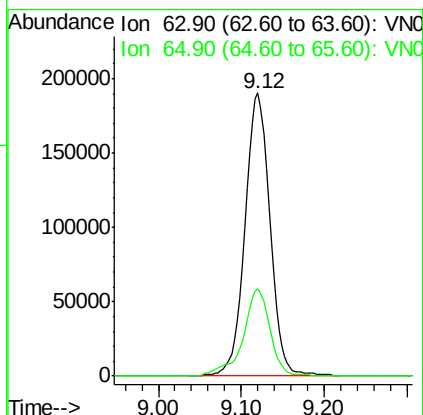
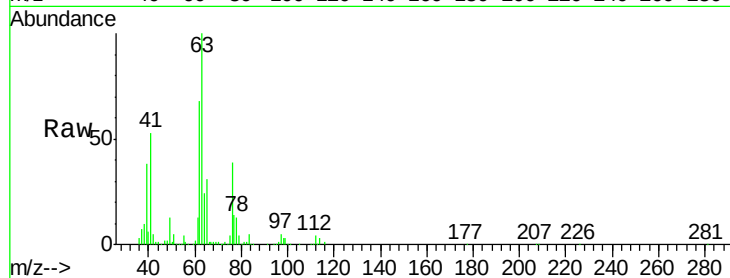




#45
 1,2-Dichloropropane
 Concen: 17.86 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN049514.D
 Acq: 25 Jun 2018 15:22

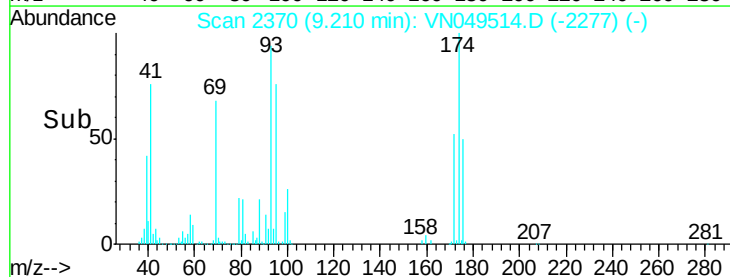
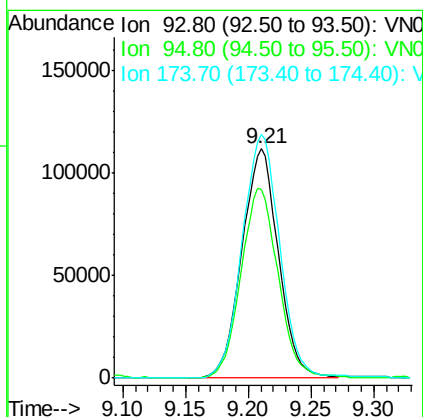
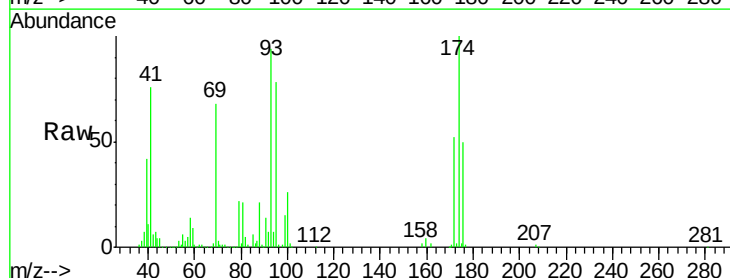
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBS01

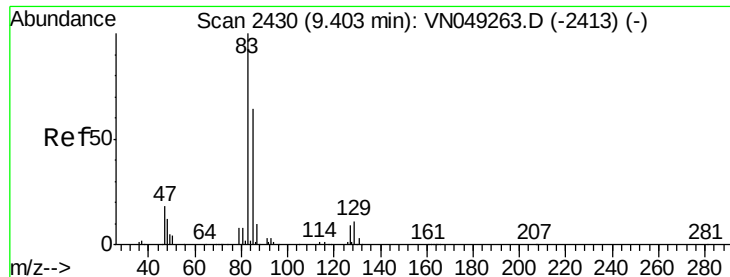
Tot Ion: 63 Resp: 399040
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.8 37.2



#46
 Dibromomethane
 Concen: 17.47 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: VN049514.D
 Acq: 25 Jun 2018 15:22

Tgt Ion: 93 Resp: 226290
 Ion Ratio Lower Upper
 93 100
 95 84.4 67.2 100.8
 174 108.8 75.6 113.4





#47

Bromodichloromethane

Concen: 17.98 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBS01

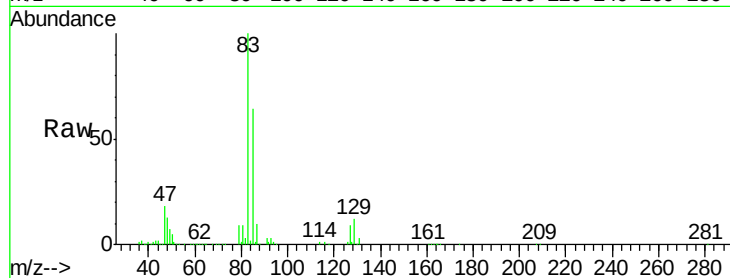
Tot Ion: 83 Resp: 511851

Ion Ratio Lower Upper

83 100

85 64.2 49.4 74.0

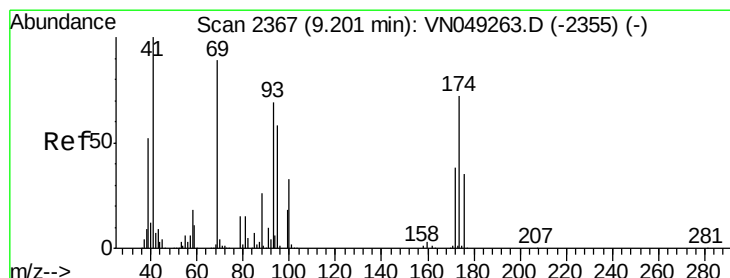
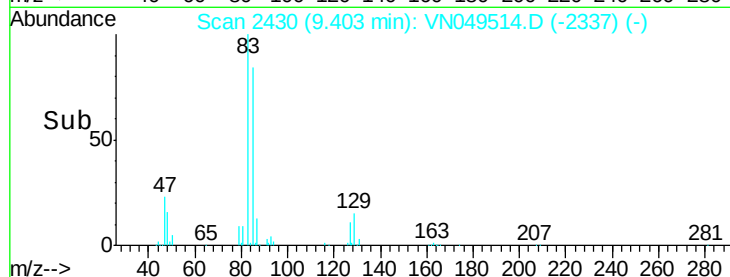
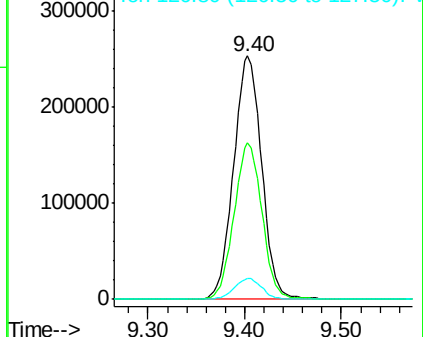
127 8.8 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 17.92 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

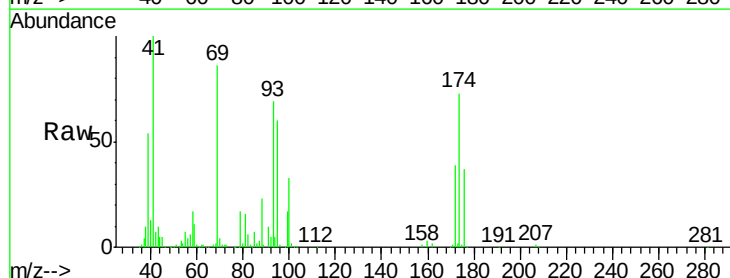
Tgt Ion: 41 Resp: 243988

Ion Ratio Lower Upper

41 100

69 88.2 62.0 93.0

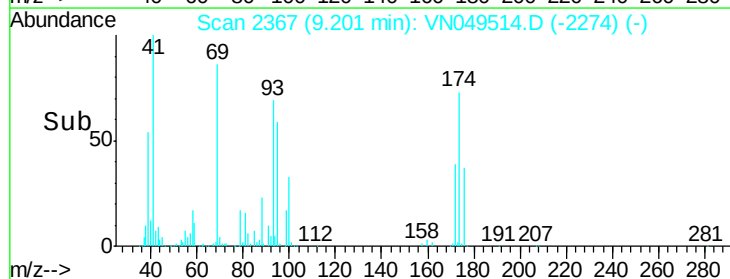
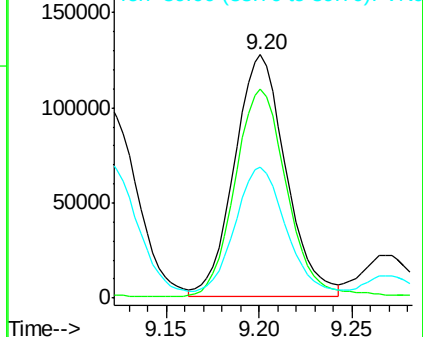
39 54.6 50.6 75.8

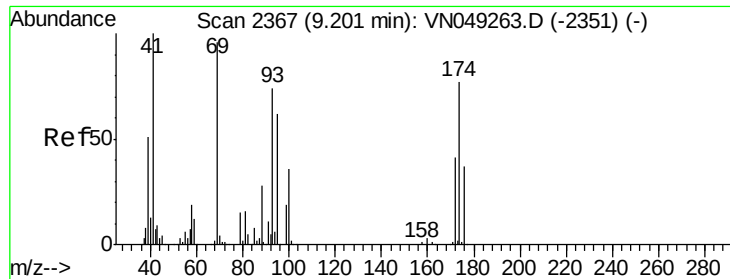


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

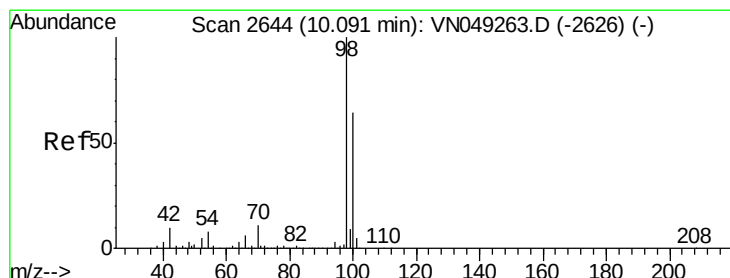
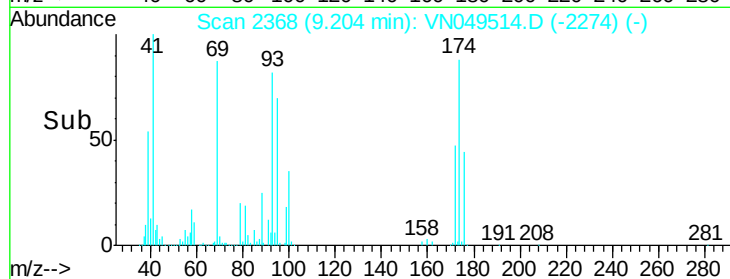
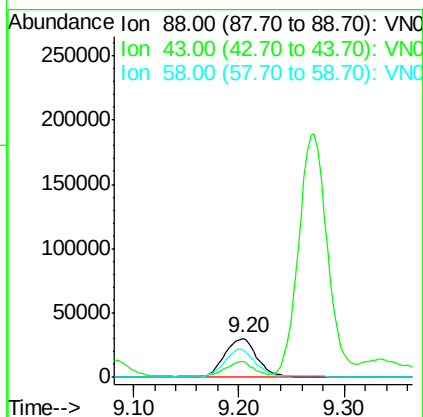
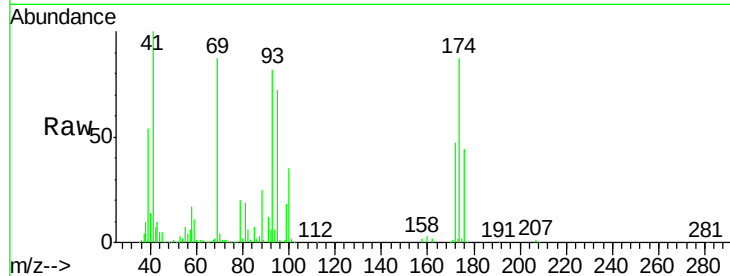




#49
1,4-Dioxane
Concen: 349.61 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049514.D
Acq: 25 Jun 2018 15:22

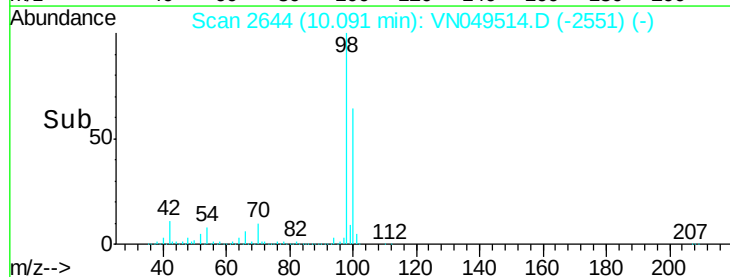
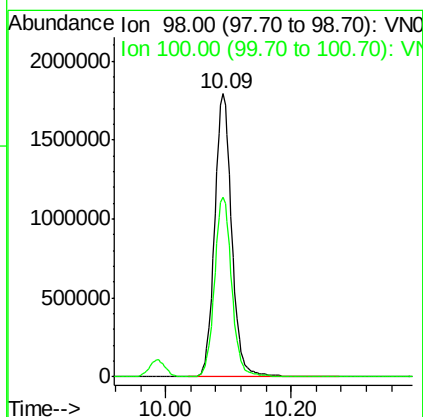
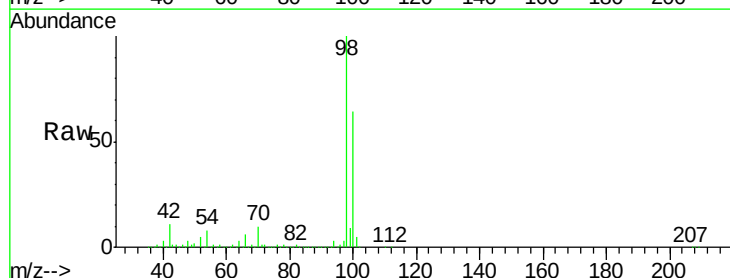
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

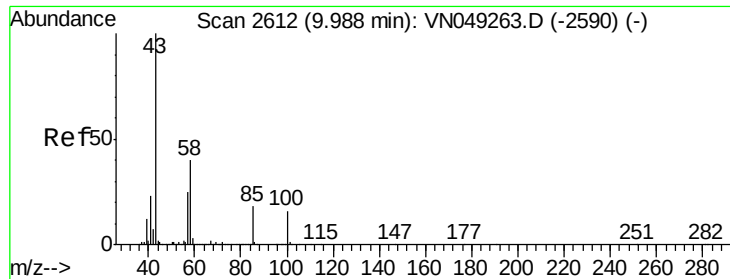
Tot Ion: 88 Resp: 65697
Ion Ratio Lower Upper
88 100
43 32.4 30.9 46.3
58 68.3 58.9 88.3



#50
Toluene-d8
Concen: 45.23 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049514.D
Acq: 25 Jun 2018 15:22

Tgt Ion: 98 Resp: 3384185
Ion Ratio Lower Upper
98 100
100 64.1 49.8 74.8





#51

4-Methyl-2-Pentanone

Concen: 88.89 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

Instrument :

MSVOA_N

ClientSampled :

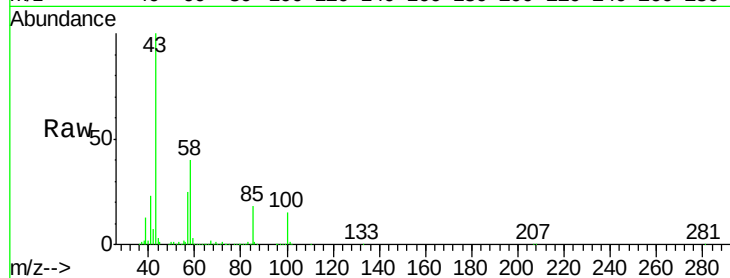
VN0625WBS01

Tot Ion: 43 Resp: 1347040

Ion Ratio Lower Upper

43 100

58 39.2 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.99

800000

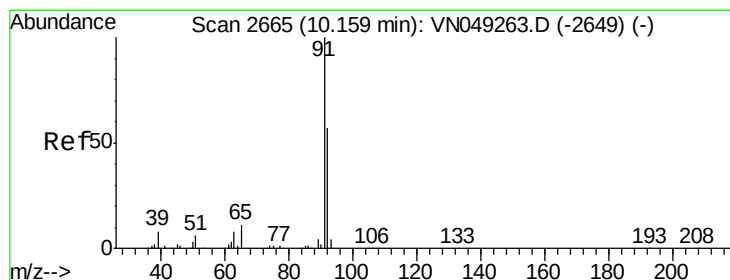
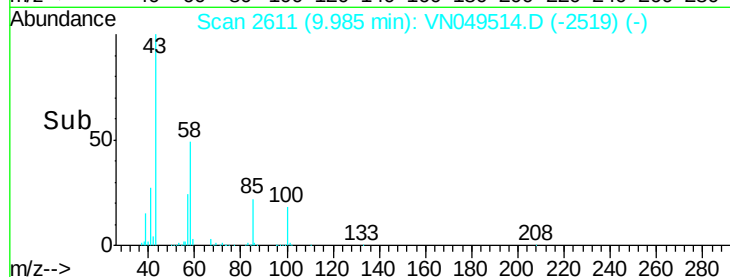
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 18.77 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN049514.D

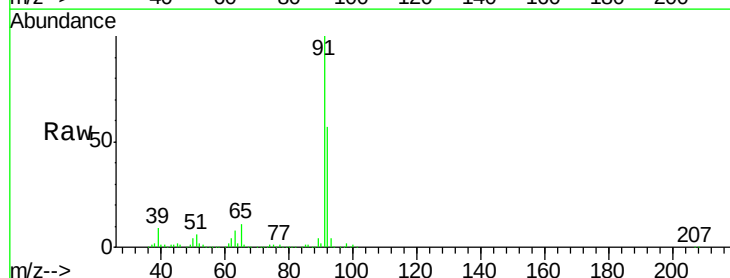
Acq: 25 Jun 2018 15:22

Tgt Ion: 92 Resp: 940168

Ion Ratio Lower Upper

92 100

91 174.6 143.4 215.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.16

1000000

800000

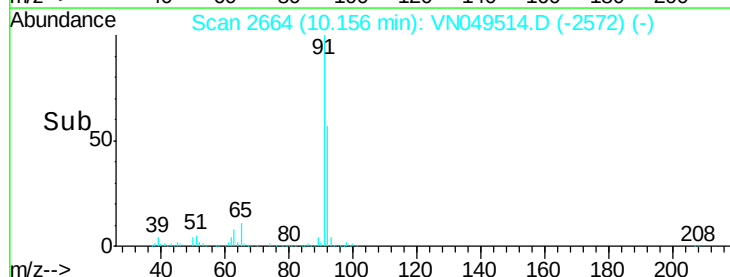
600000

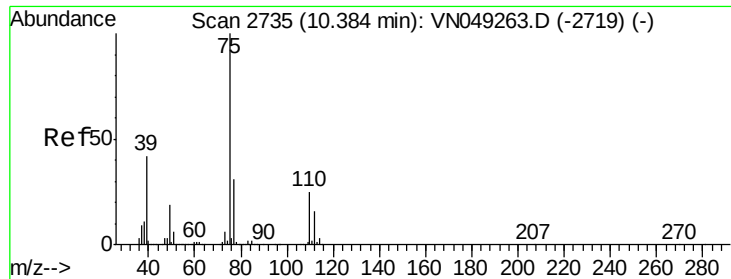
400000

200000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.11 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

Instrument :

MSVOA_N

ClientSampled :

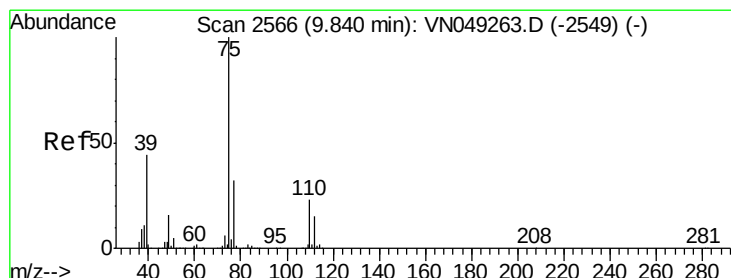
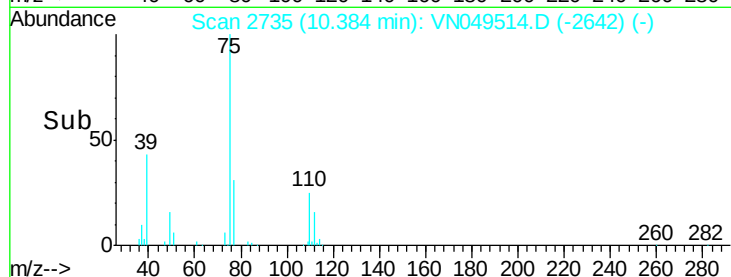
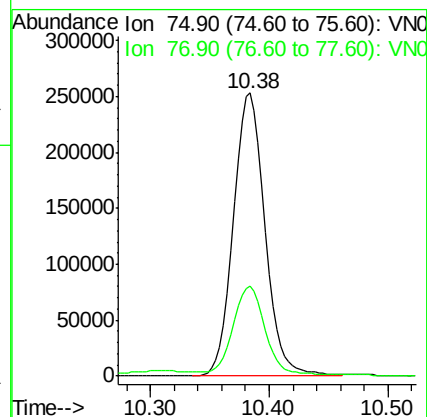
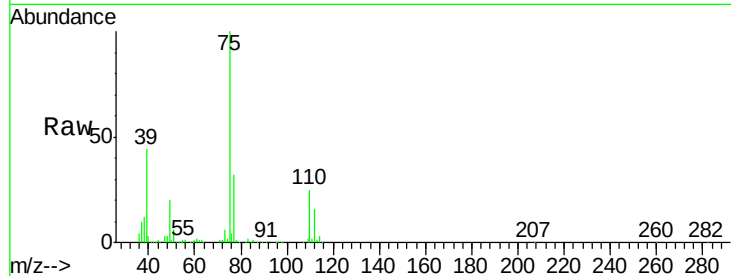
VN0625WBS01

Tot Ion: 75 Resp: 465898

Ion Ratio Lower Upper

75 100

77 31.1 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 17.75 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

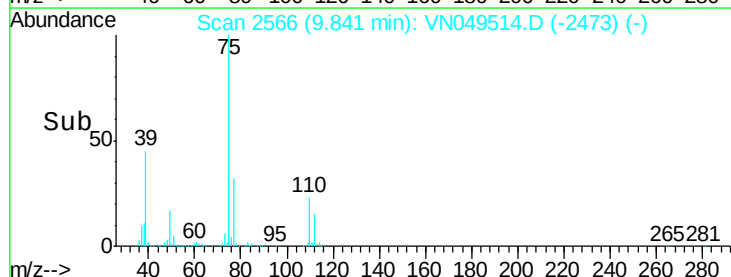
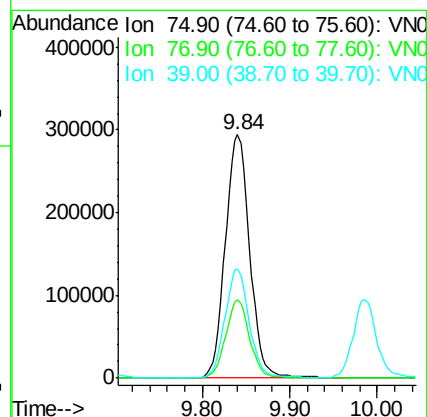
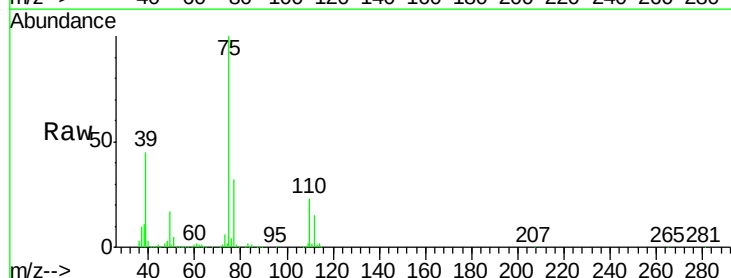
Tgt Ion: 75 Resp: 570749

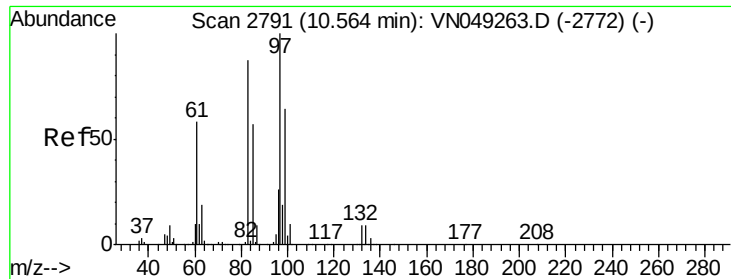
Ion Ratio Lower Upper

75 100

77 32.2 24.8 37.2

39 44.7 45.1 67.7#

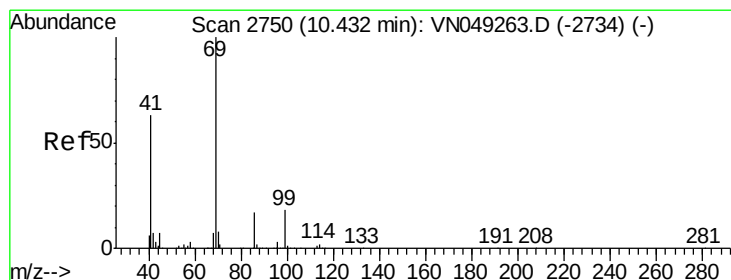
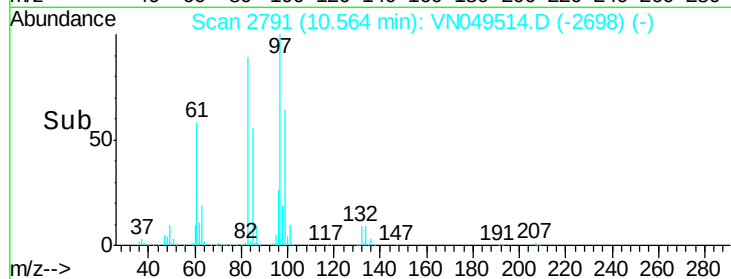
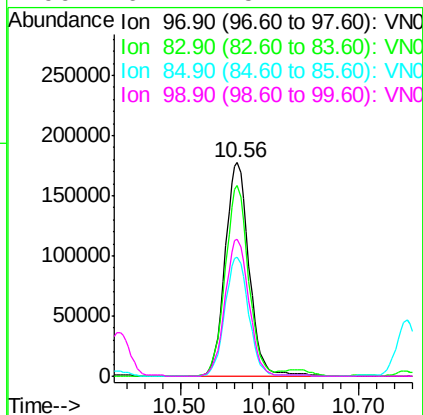
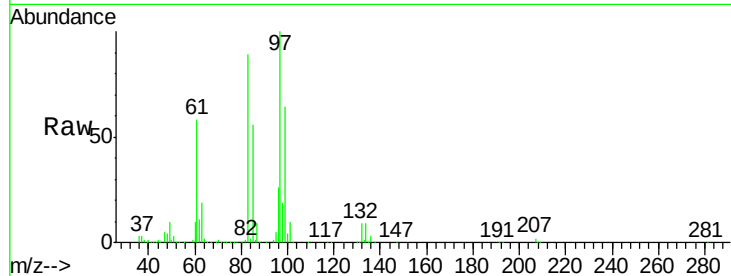




#55
 1,1,2-Trichloroethane
 Concen: 17.74 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049514.D
 Acq: 25 Jun 2018 15:22

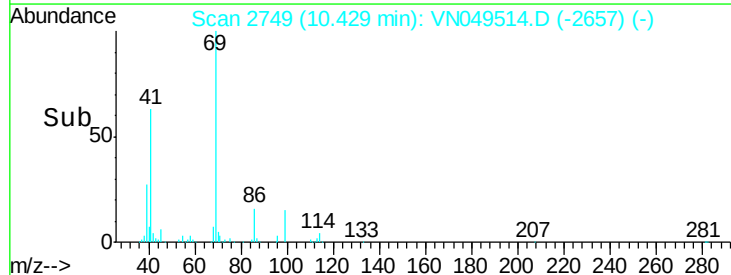
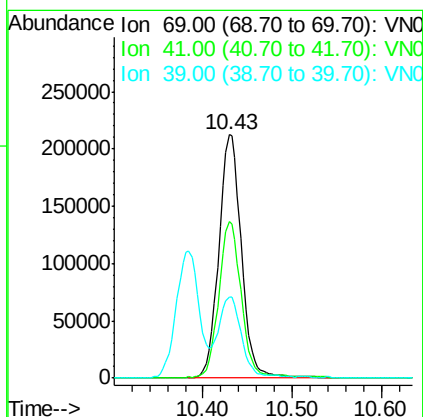
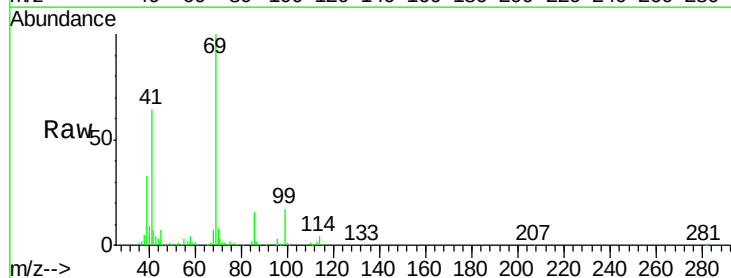
Instrument :
 MSVOA_N
 ClientSampled :
 VN0625WBS01

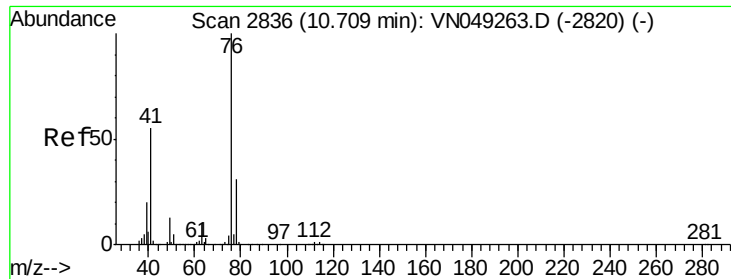
Tot Ion:	97	Resp:	331238
Ion	Ratio	Lower	Upper
97	100		
83	89.2	71.5	107.3
85	55.5	47.0	70.4
99	64.4	51.4	77.2



#56
 Ethyl methacrylate
 Concen: 17.27 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. -0.00 min
 Lab File: VN049514.D
 Acq: 25 Jun 2018 15:22

Tgt Ion:	69	Resp:	371920
Ion	Ratio	Lower	Upper
69	100		
41	64.6	58.4	87.6
39	33.0	35.5	53.3#

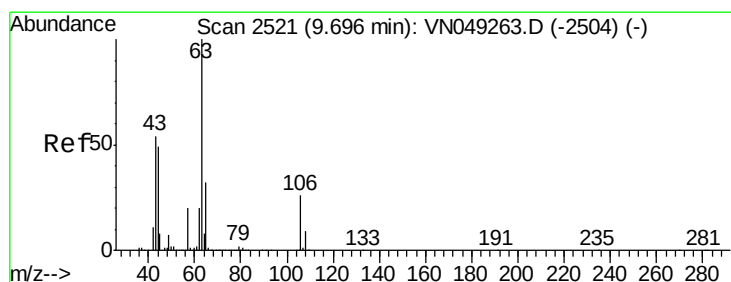
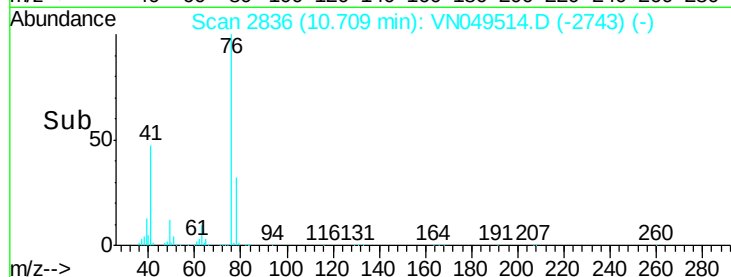
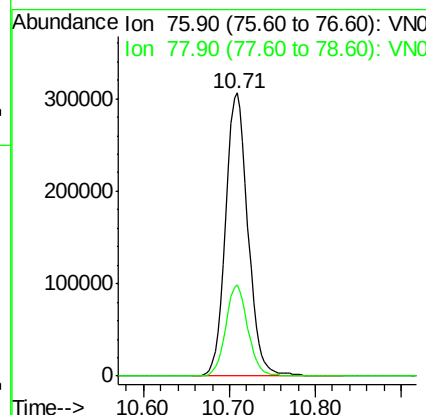
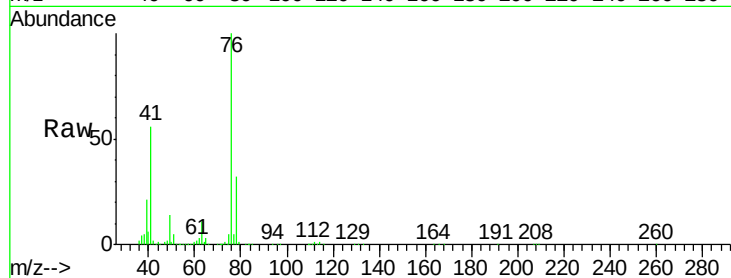




#57
 1,3-Dichloropropane
 Concen: 17.89 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. 0.00 min
 Lab File: VN049514.D
 Acq: 25 Jun 2018 15:22

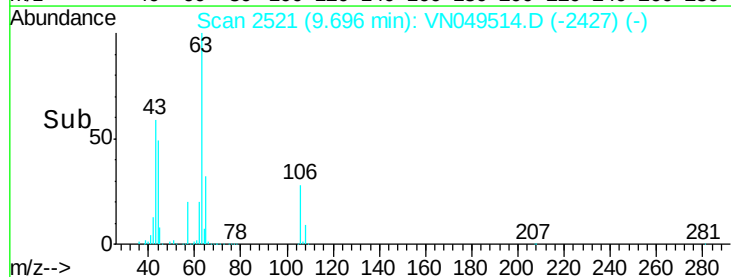
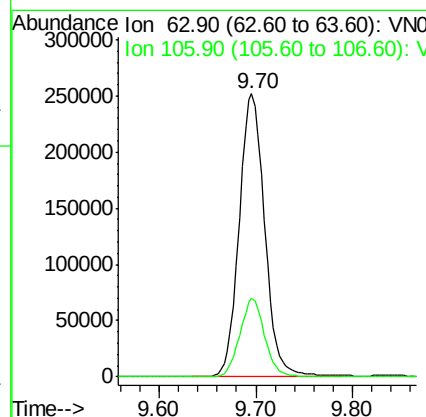
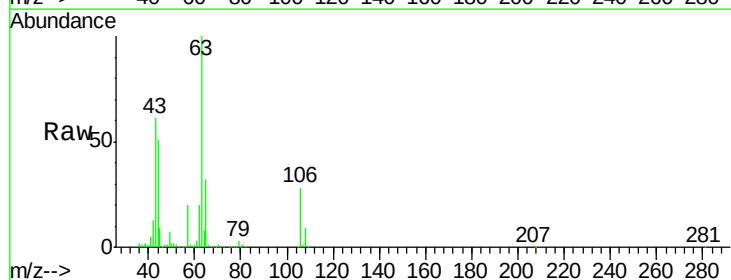
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBS01

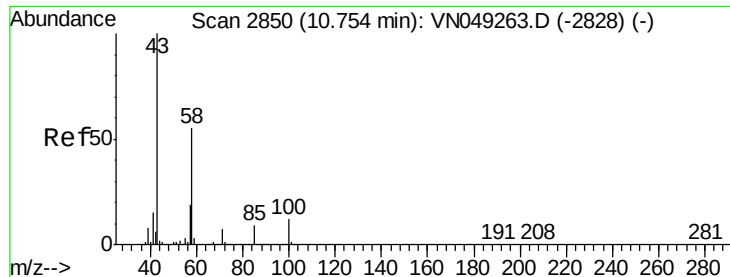
Tot Ion: 76 Resp: 553466
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 71.05 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN049514.D
 Acq: 25 Jun 2018 15:22

Tgt Ion: 63 Resp: 463379
 Ion Ratio Lower Upper
 63 100
 106 26.9 19.4 29.2

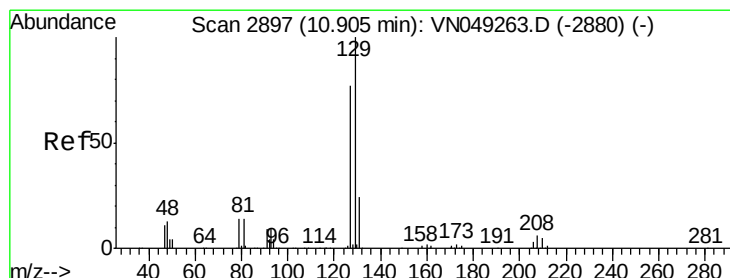
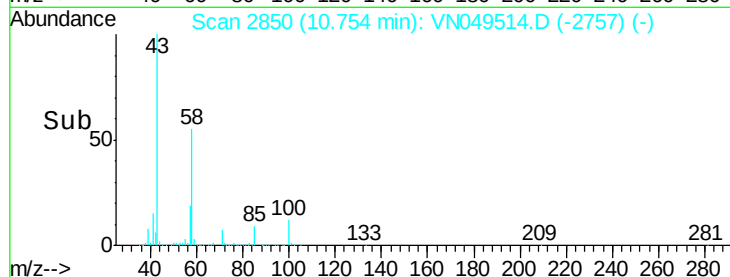
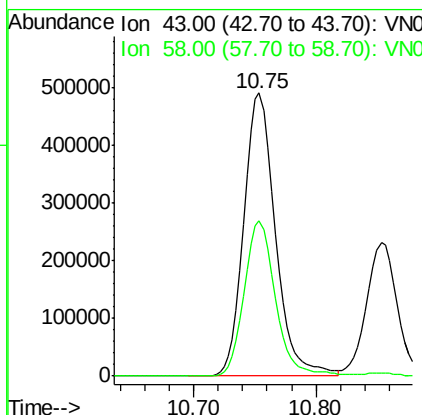
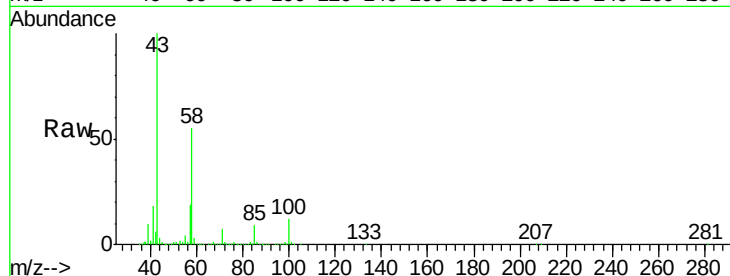




#59
2-Hexanone
Concen: 89.02 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049514.D
Acq: 25 Jun 2018 15:22

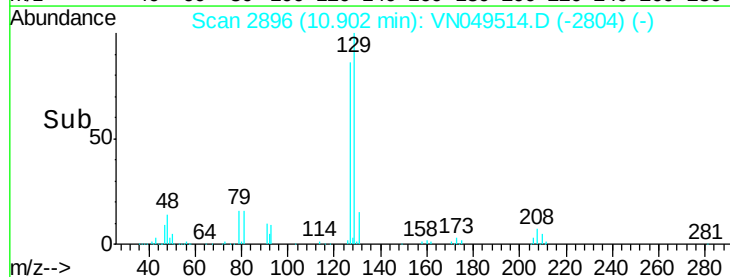
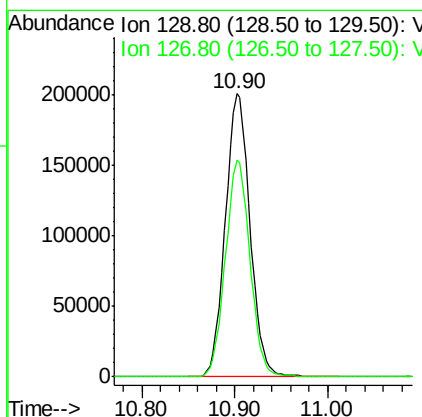
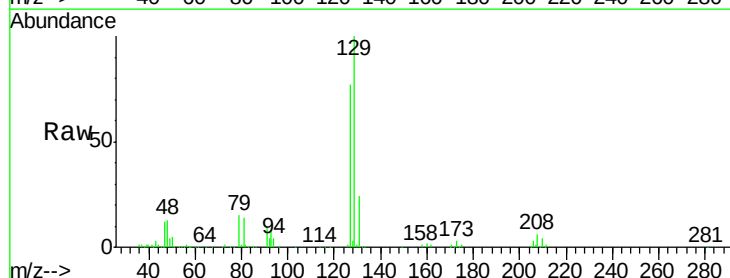
Instrument :
MSVOA_N
ClientSampled :
VN0625WBS01

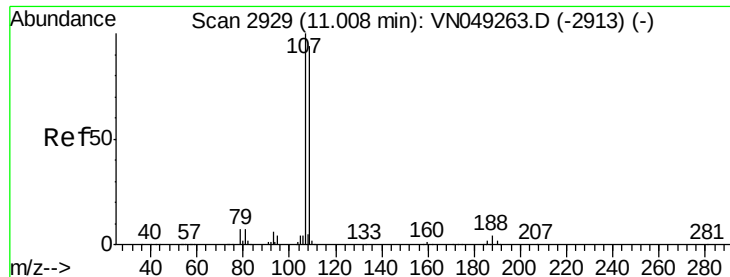
Tot Ion: 43 Resp: 869647
Ion Ratio Lower Upper
43 100
58 54.4 25.2 75.6



#60
Dibromochloromethane
Concen: 17.80 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VN049514.D
Acq: 25 Jun 2018 15:22

Tgt Ion: 129 Resp: 370891
Ion Ratio Lower Upper
129 100
127 76.3 39.1 117.2





#61

1,2-Dibromoethane

Concen: 17.68 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

Instrument :

MSVOA_N

ClientSampleId :

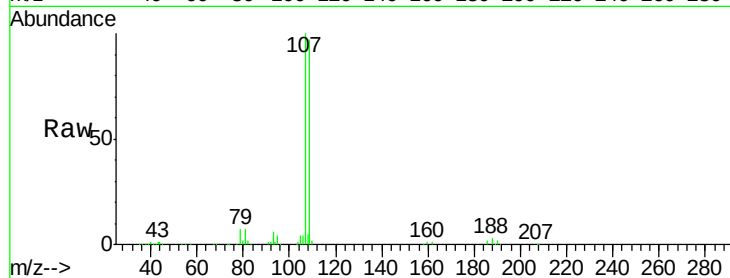
VN0625WBS01

Tot Ion:107 Resp: 306859

Ion Ratio Lower Upper

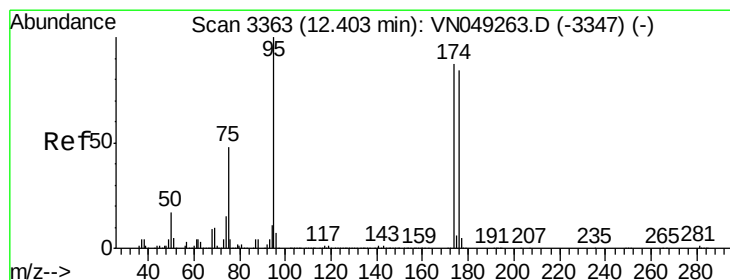
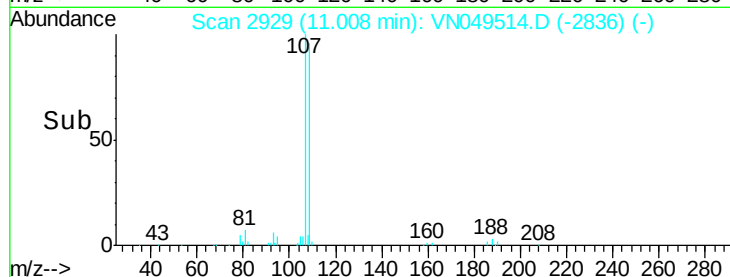
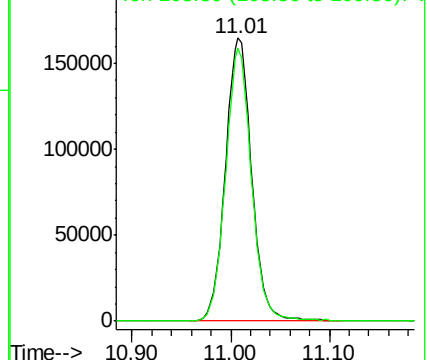
107 100

109 95.2 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.13 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

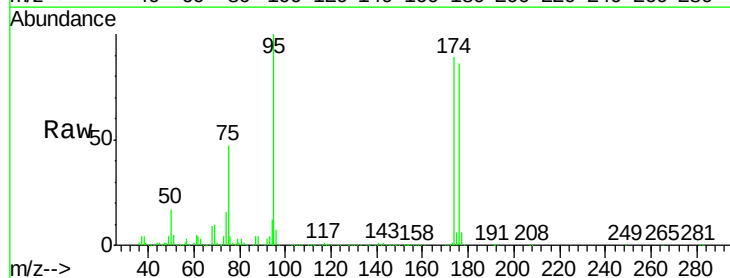
Tgt Ion: 95 Resp: 1116437

Ion Ratio Lower Upper

95 100

174 88.8 0.0 165.6

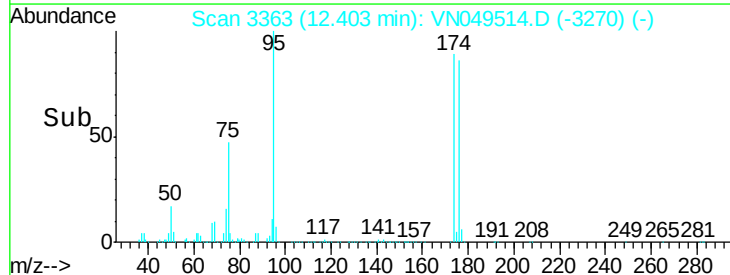
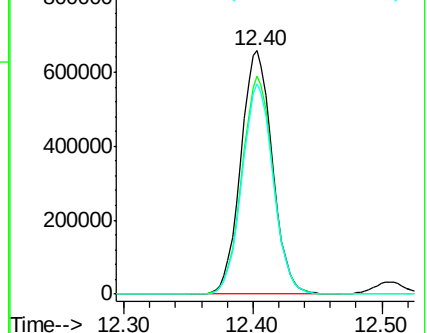
176 85.6 0.0 157.4

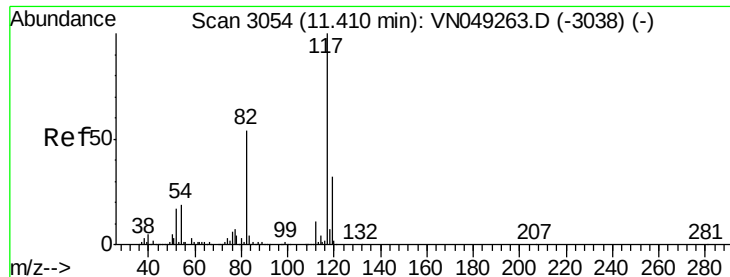


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBS01

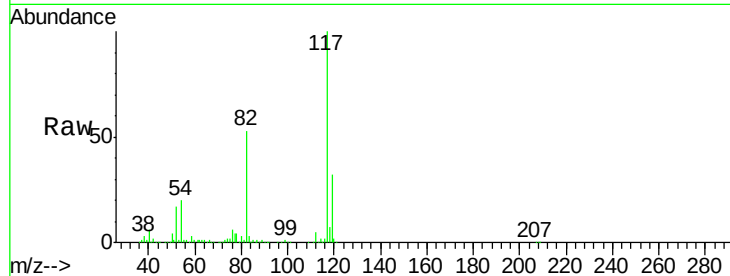
Tot Ion:117 Resp: 2213741

Ion Ratio Lower Upper

117 100

82 53.3 45.9 68.9

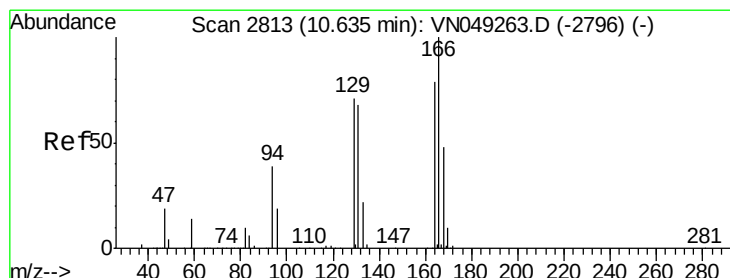
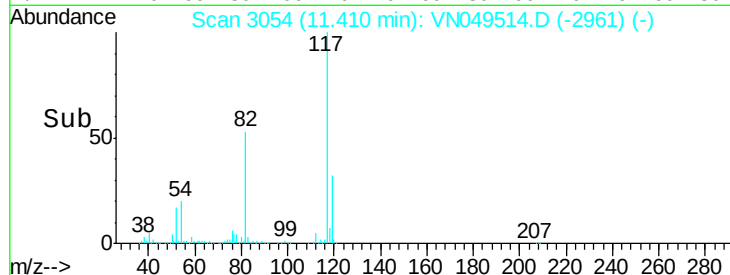
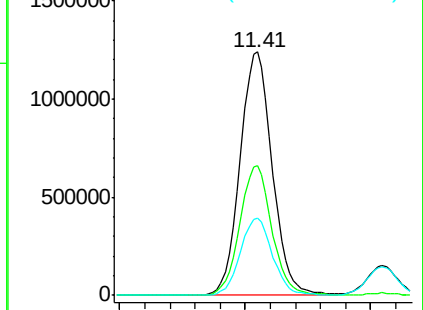
119 31.8 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 20.96 ug/l

RT: 10.63 min Scan# 2812

Delta R.T. -0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

Tgt Ion:164 Resp: 475445

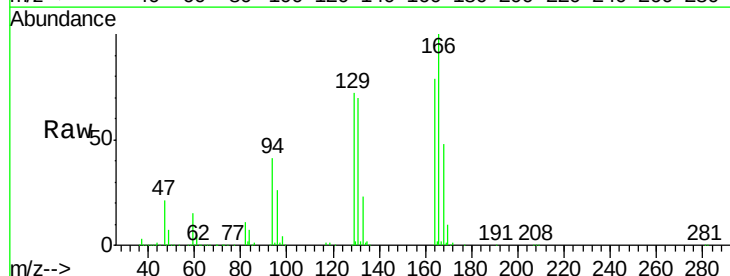
Ion Ratio Lower Upper

164 100

166 127.2 101.4 152.2

129 92.1 74.1 111.1

131 88.5 73.7 110.5

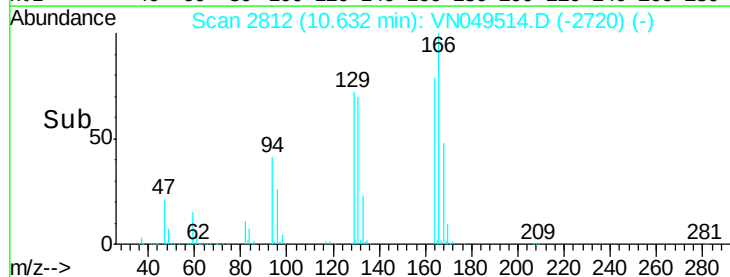
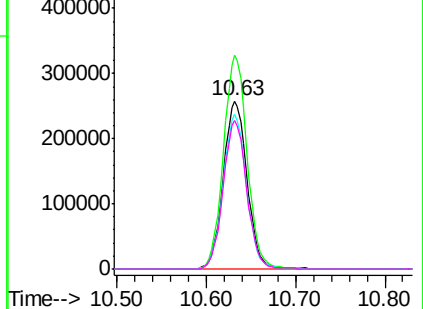


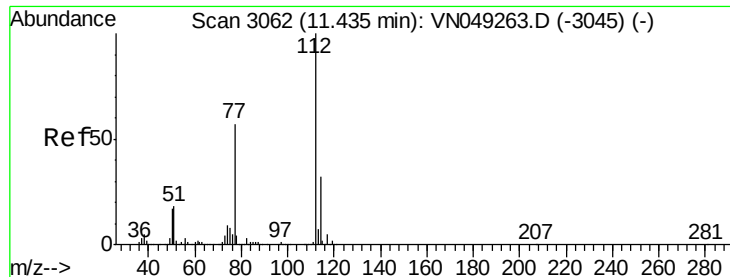
Abundance Ion 163.80 (163.50 to 164.50): V

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: 17.65 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

Instrument :

MSVOA_N

ClientSampleId :

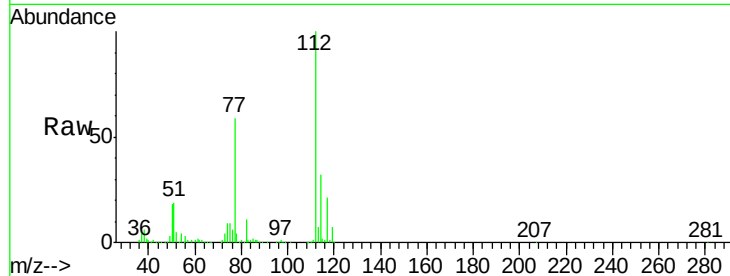
VN0625WBS01

Tot Ion:112 Resp: 1006713

Ion Ratio Lower Upper

112 100

114 32.3 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.44

600000

500000

400000

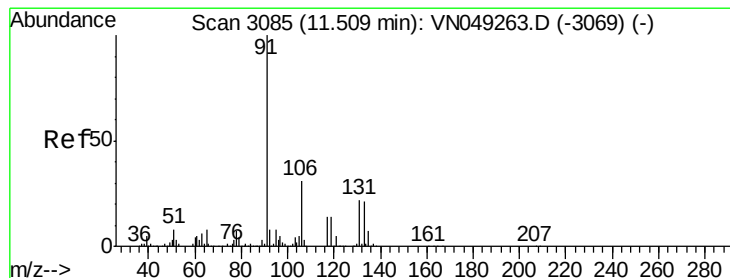
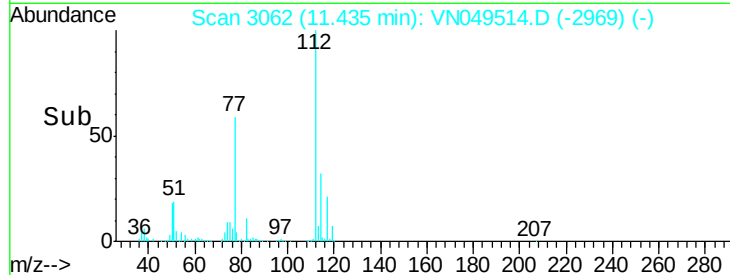
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 17.77 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

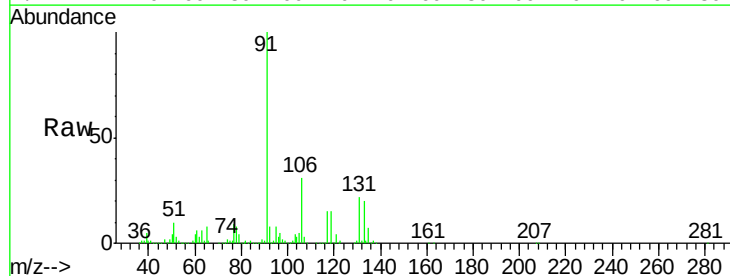
Tgt Ion:131 Resp: 381368

Ion Ratio Lower Upper

131 100

133 93.9 48.0 144.2

119 67.2 33.6 100.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

500000

400000

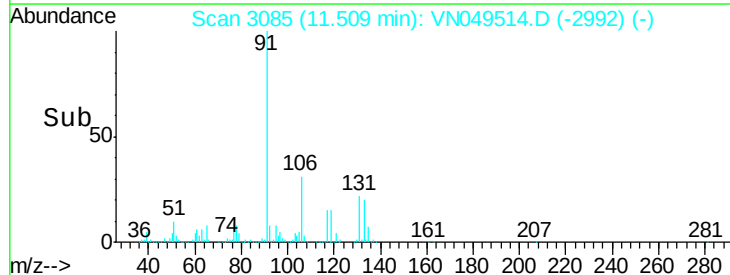
300000

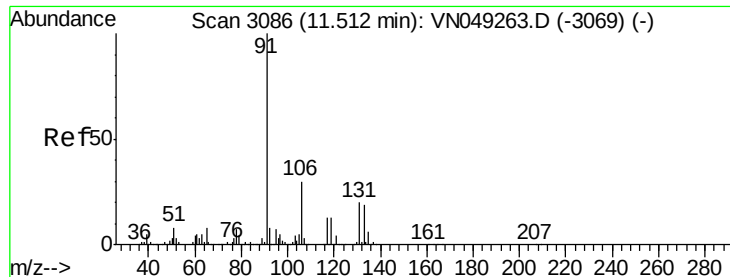
200000

100000

0

Time-->





#67

Ethyl Benzene

Concen: 18.10 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

Instrument :

MSVOA_N

ClientSampleId :

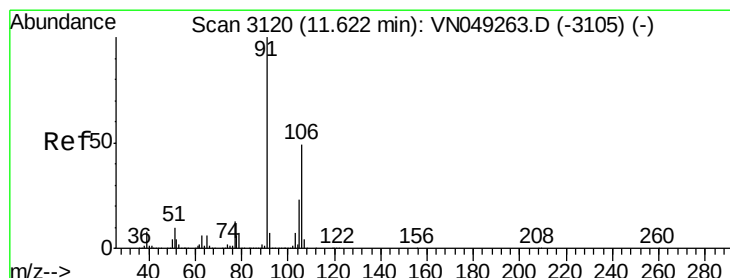
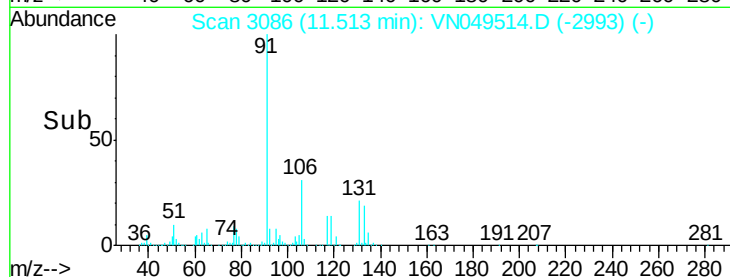
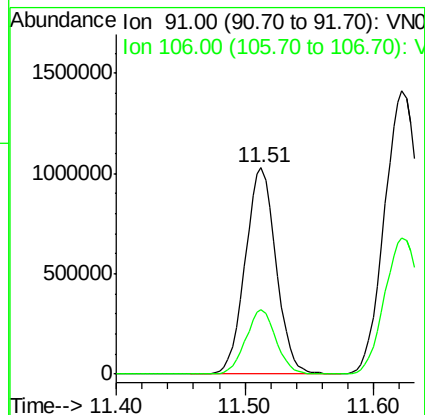
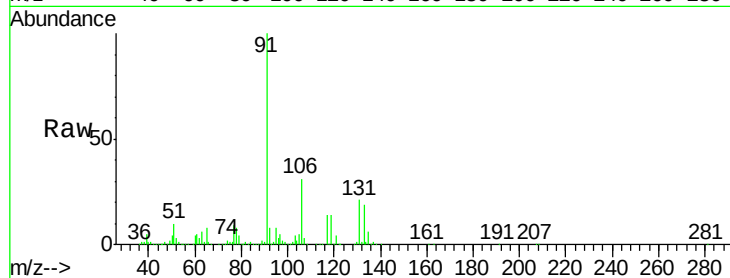
VN0625WBS01

Tot Ion: 91 Resp: 1712374

Ion Ratio Lower Upper

91 100

106 31.2 23.9 35.9



#68

m/p-Xylenes

Concen: 37.21 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN049514.D

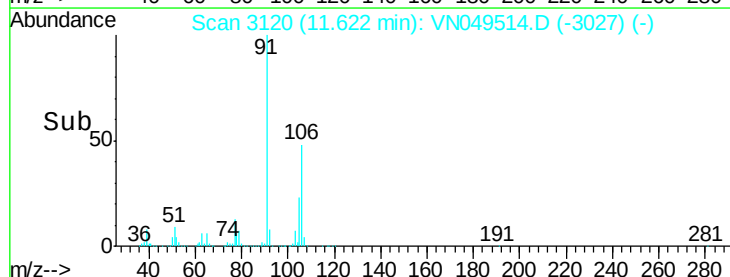
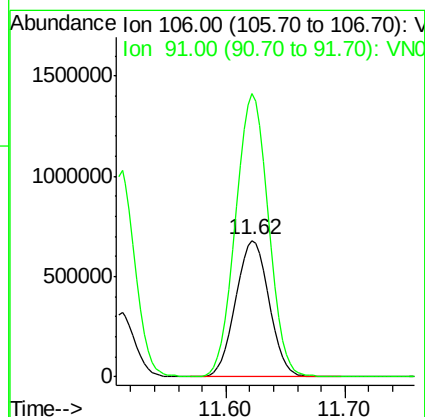
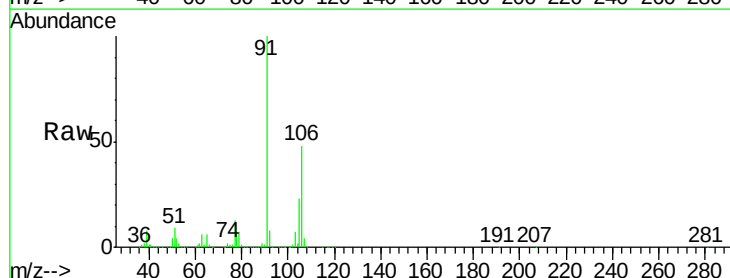
Acq: 25 Jun 2018 15:22

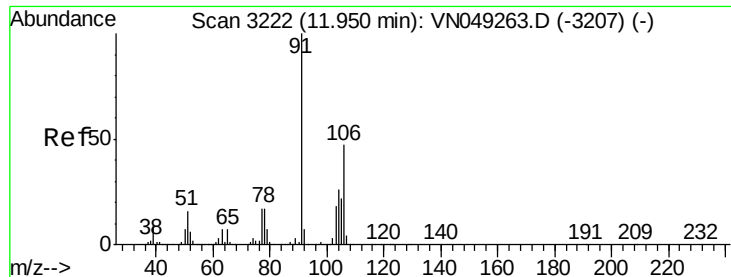
Tgt Ion: 106 Resp: 1320852

Ion Ratio Lower Upper

106 100

91 205.2 167.3 250.9

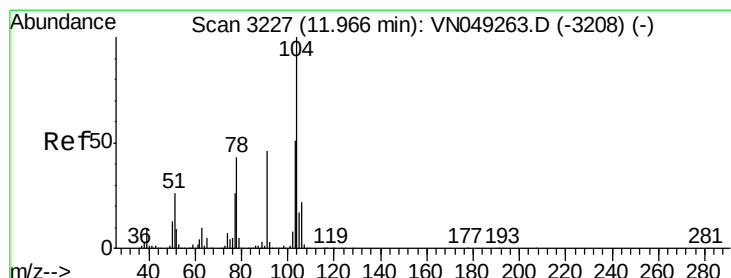
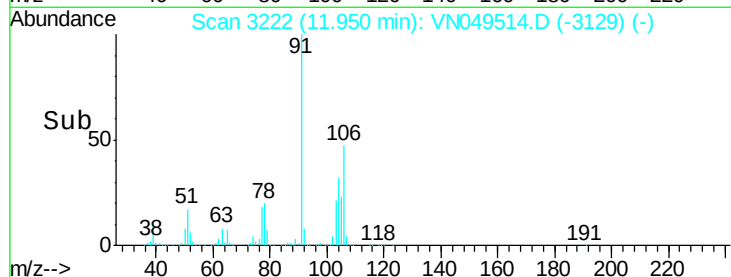
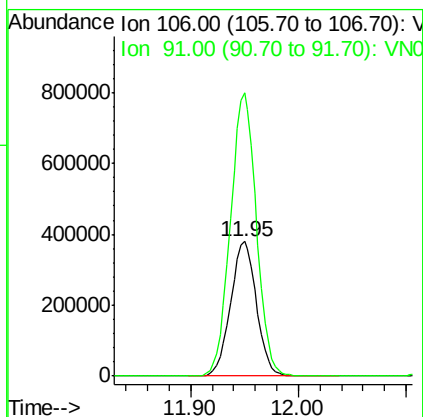
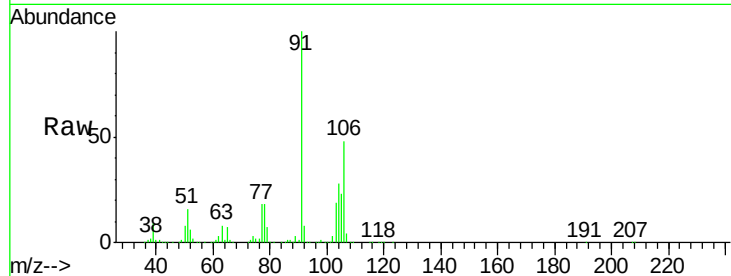




#69
o-Xylene
Concen: 18.55 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049514.D
Acq: 25 Jun 2018 15:22

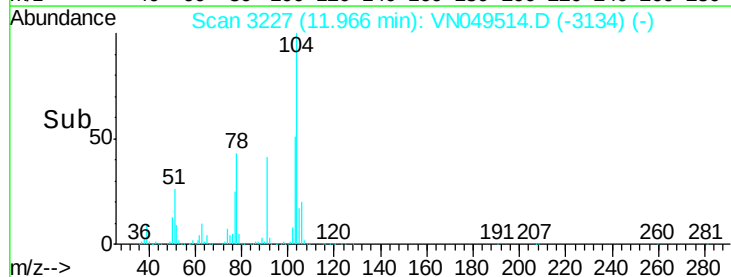
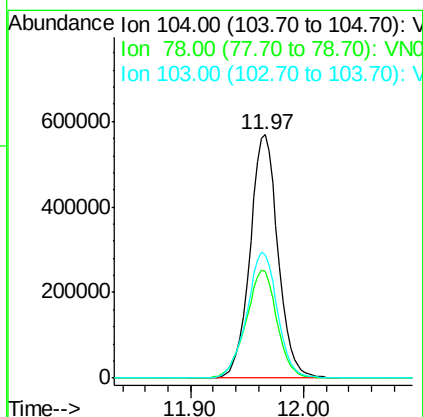
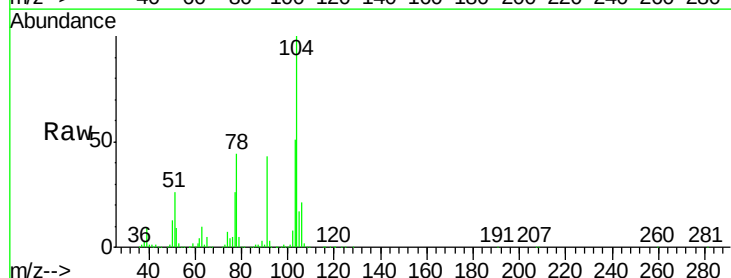
Instrument :
MSVOA_N
ClientSampled :
VN0625WBS01

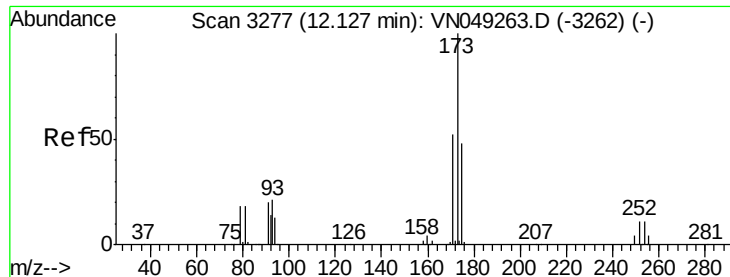
Tot Ion:106 Resp: 634125
Ion Ratio Lower Upper
106 100
91 211.6 111.0 333.0



#70
Styrene
Concen: 18.10 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049514.D
Acq: 25 Jun 2018 15:22

Tgt Ion:104 Resp: 976283
Ion Ratio Lower Upper
104 100
78 49.3 41.6 62.4
103 56.7 45.4 68.2





#71

Bromoform

Concen: 17.59 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBS01

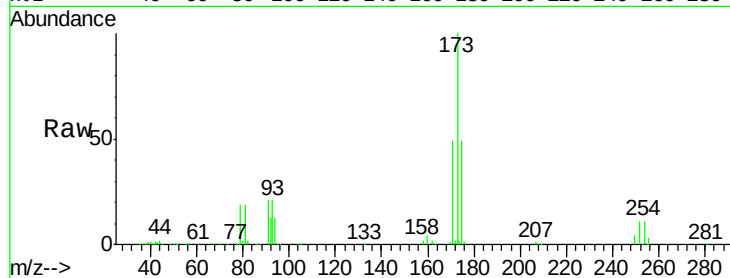
Tot Ion:173 Resp: 244376

Ion Ratio Lower Upper

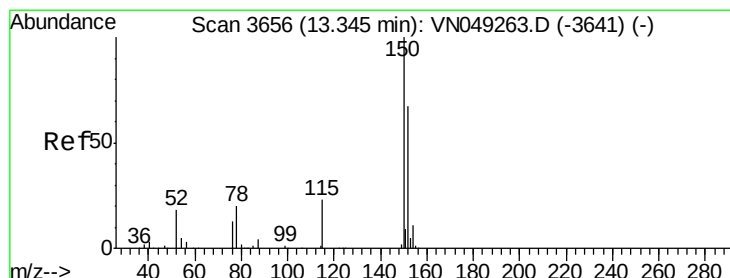
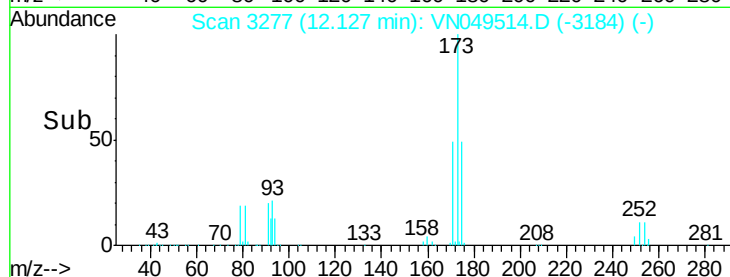
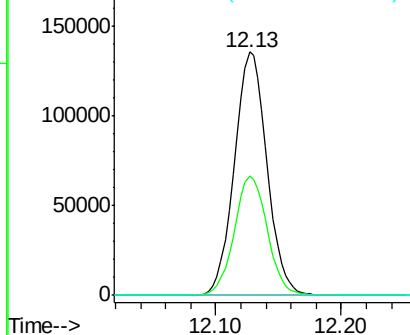
173 100

175 49.7 24.5 73.5

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

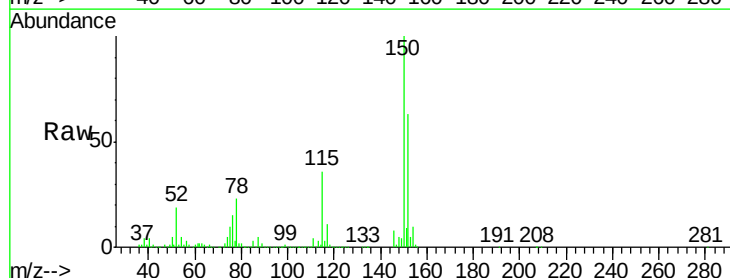
Tgt Ion:152 Resp: 1055042

Ion Ratio Lower Upper

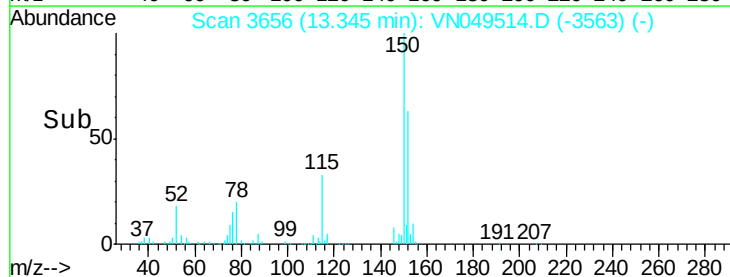
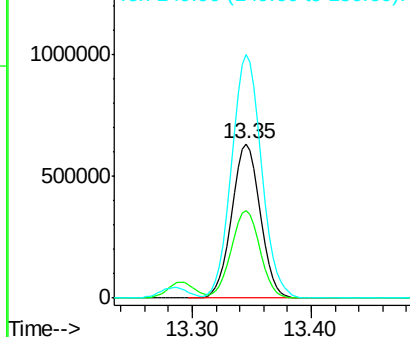
152 100

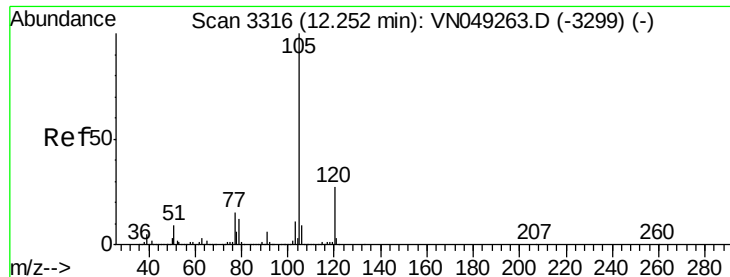
115 57.2 28.7 86.1

150 165.2 0.0 351.0



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





#73

Isopropylbenzene

Concen: 18.31 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

Instrument :

MSVOA_N

ClientSampleId :

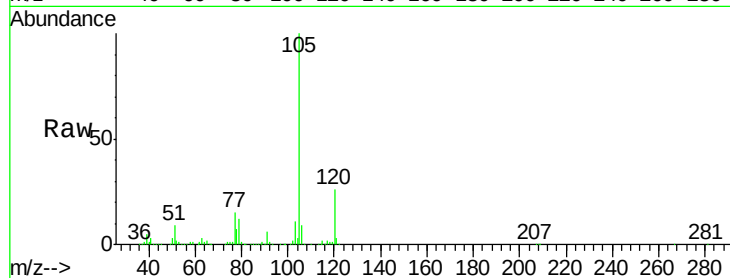
VN0625WBS01

Tot Ion:105 Resp: 1696585

Ion Ratio Lower Upper

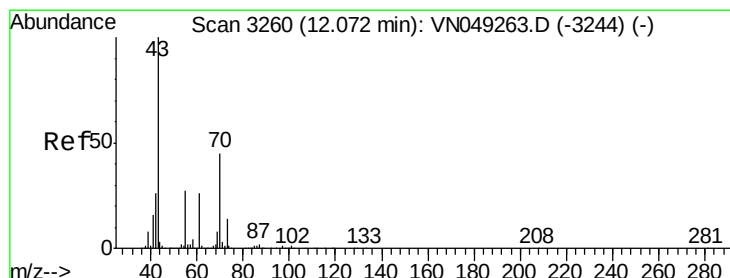
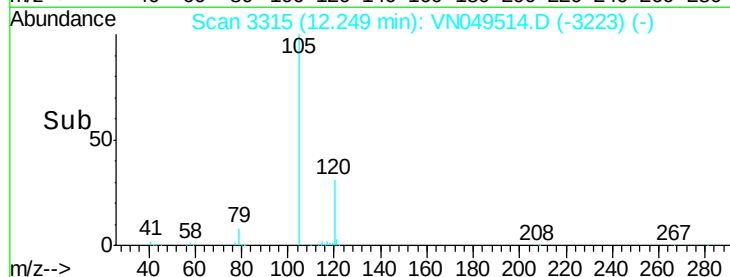
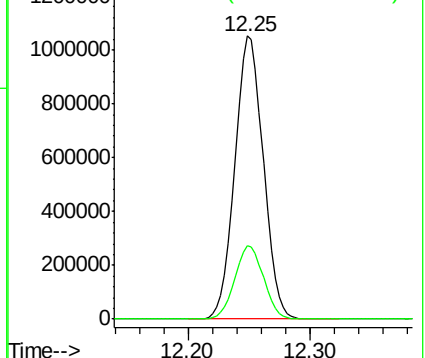
105 100

120 26.3 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.02 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

Tgt Ion: 43 Resp: 363437

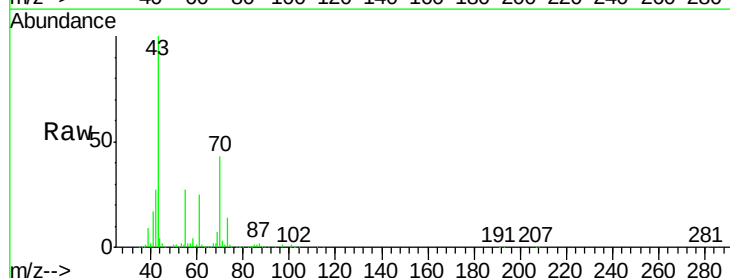
Ion Ratio Lower Upper

43 100

70 43.2 30.3 45.5

55 27.5 19.4 29.2

61 25.1 17.8 26.6

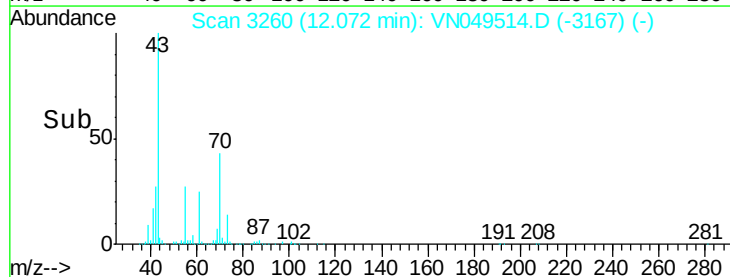
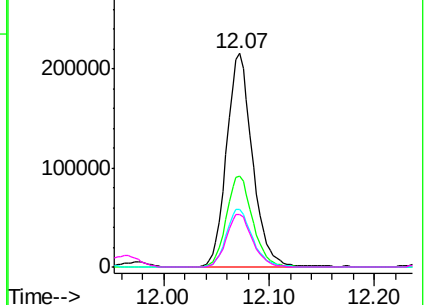


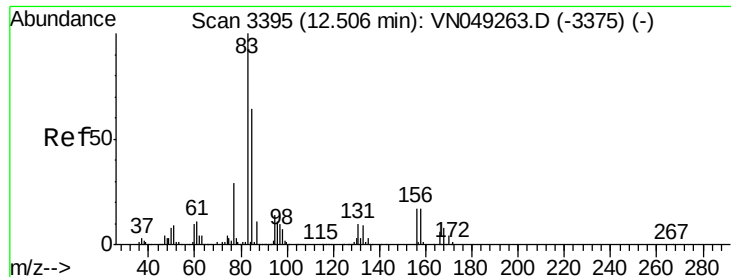
Abundance Ion 43.00 (42.70 to 43.70): V

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: 16.98 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

Instrument :

MSVOA_N

ClientSampled :

VN0625WBS01

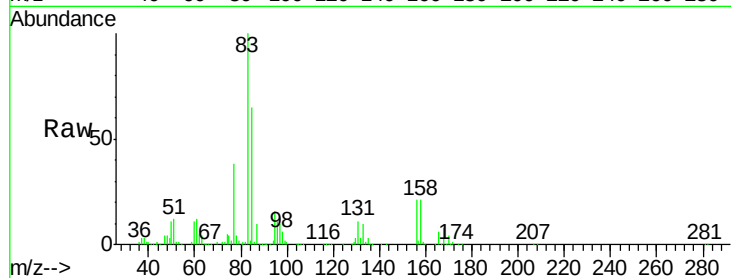
Tot Ion: 83 Resp: 351852

Ion Ratio Lower Upper

83 100

131 10.5 5.0 15.0

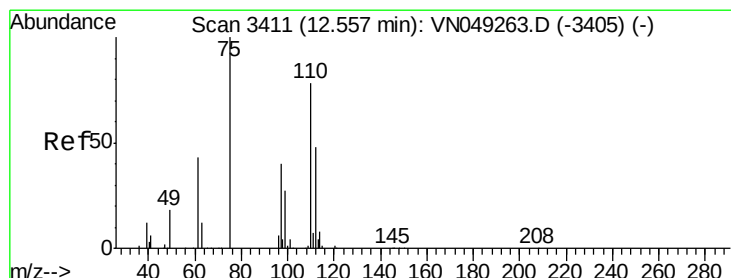
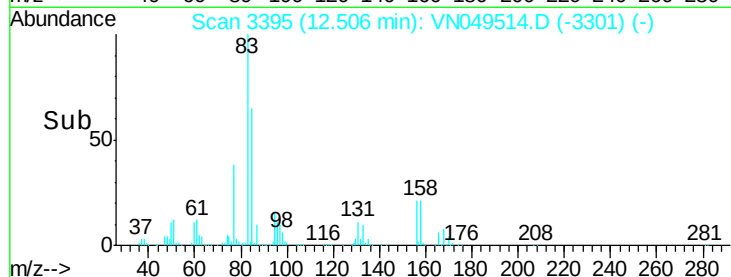
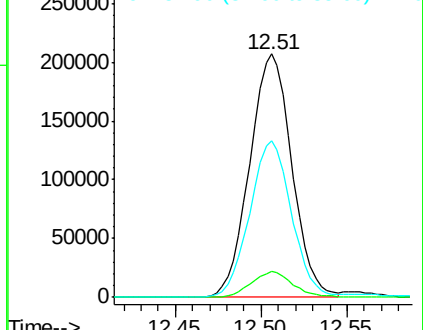
85 63.9 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 25.30 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN049514.D

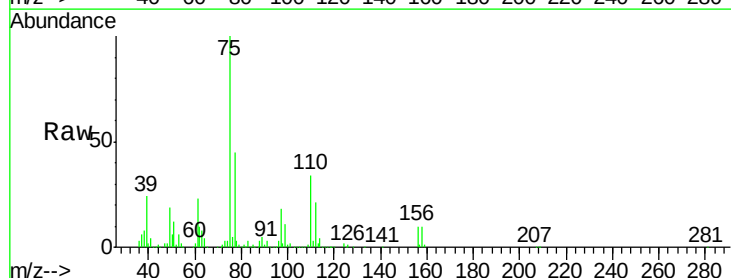
Acq: 25 Jun 2018 15:22

Tgt Ion: 75 Resp: 455422

Ion Ratio Lower Upper

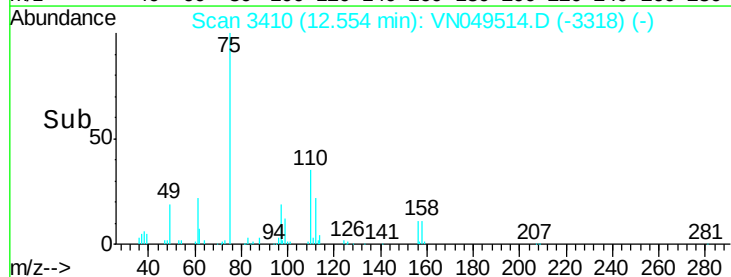
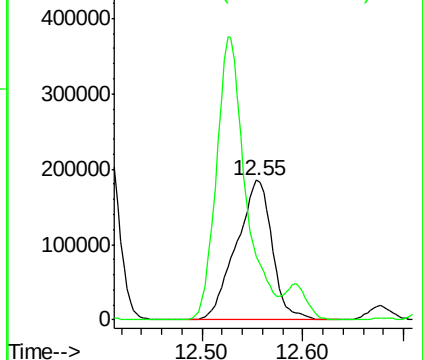
75 100

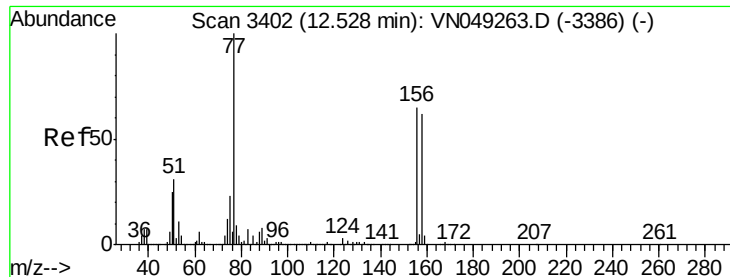
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 17.19 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBS01

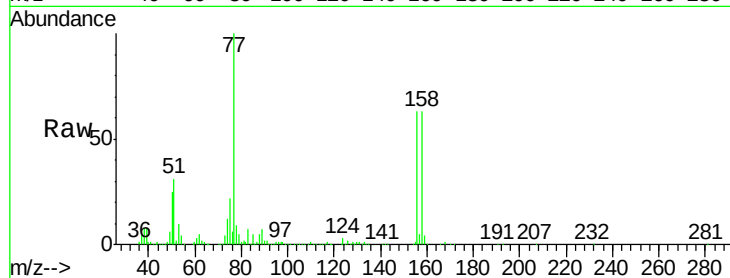
Tot Ion:156 Resp: 420638

Ion Ratio Lower Upper

156 100

77 180.7 100.8 302.4

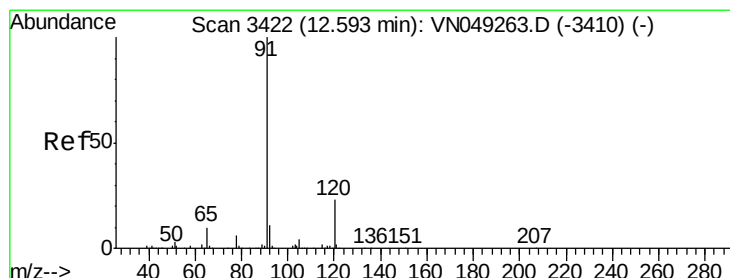
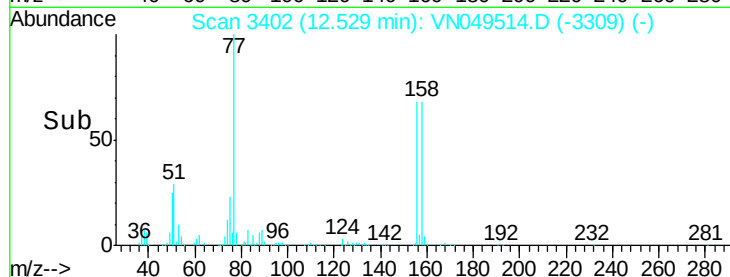
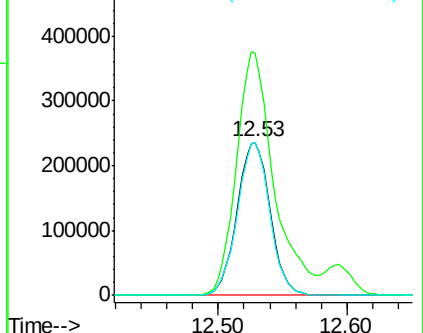
158 97.8 49.3 147.9



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: 18.65 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049514.D

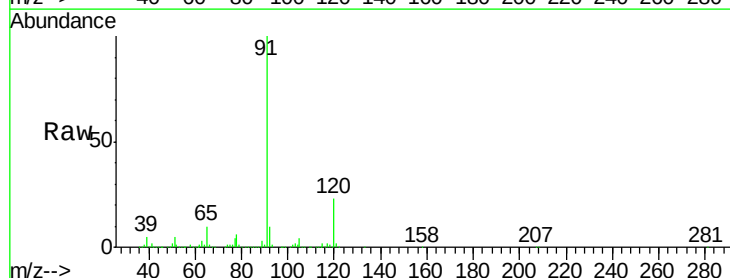
Acq: 25 Jun 2018 15:22

Tgt Ion: 91 Resp: 1896954

Ion Ratio Lower Upper

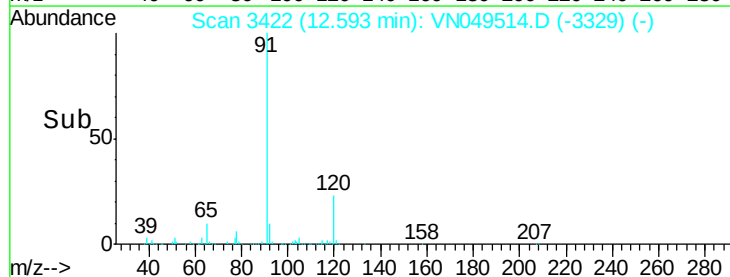
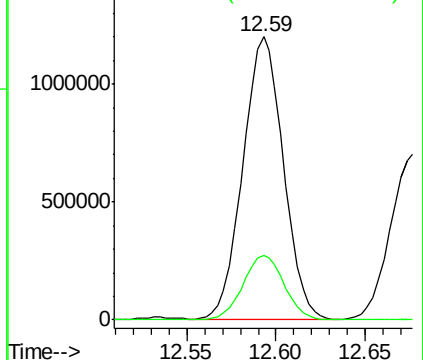
91 100

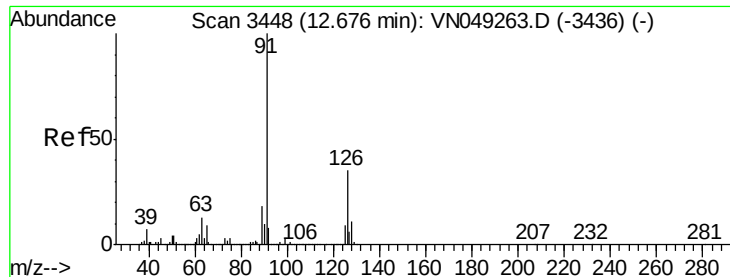
120 23.2 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.13 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

Instrument :

MSVOA_N

ClientSampled :

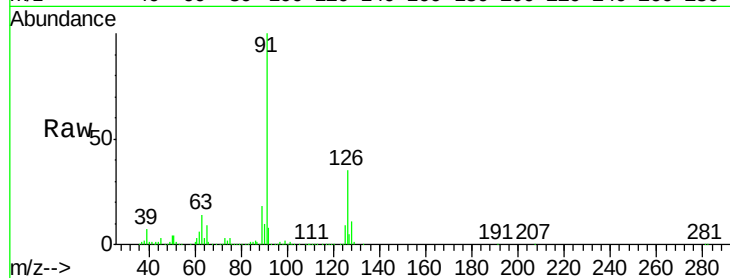
VN0625WBS01

Tot Ion: 91 Resp: 1168370

Ion Ratio Lower Upper

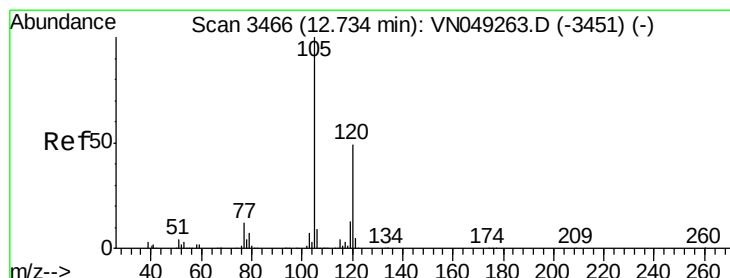
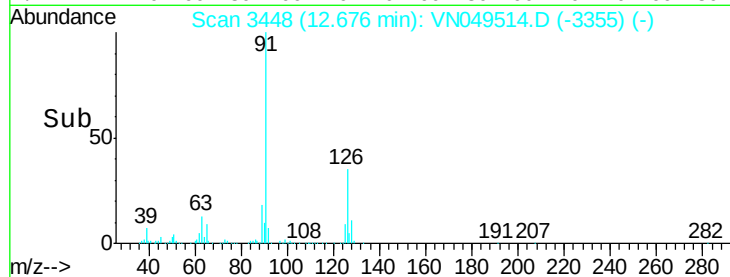
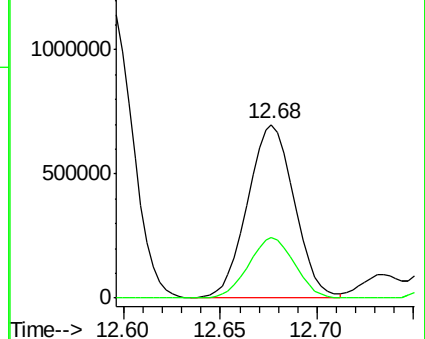
91 100

126 34.6 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.00 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049514.D

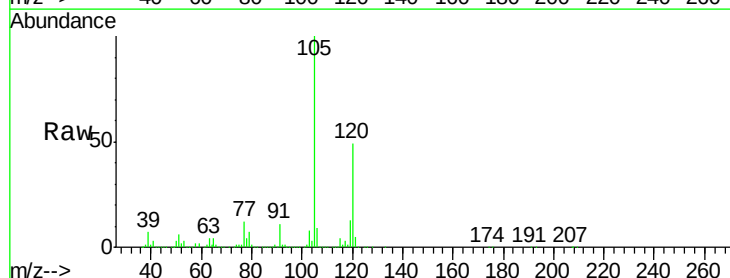
Acq: 25 Jun 2018 15:22

Tgt Ion:105 Resp: 1383175

Ion Ratio Lower Upper

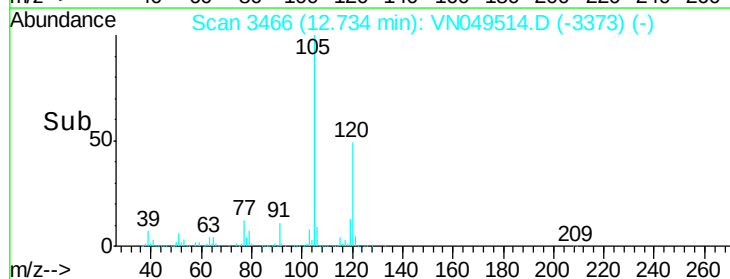
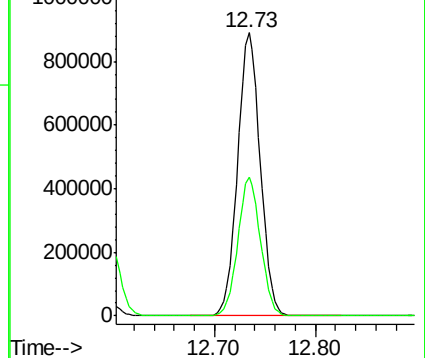
105 100

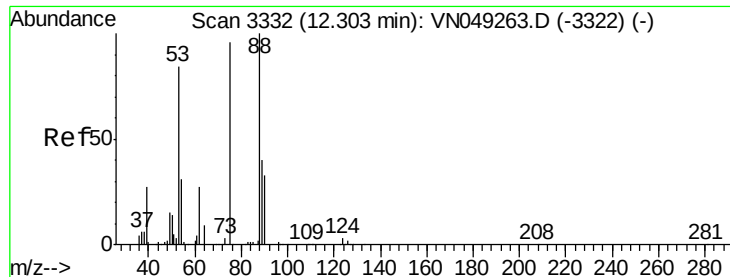
120 49.0 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 16.59 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBS01

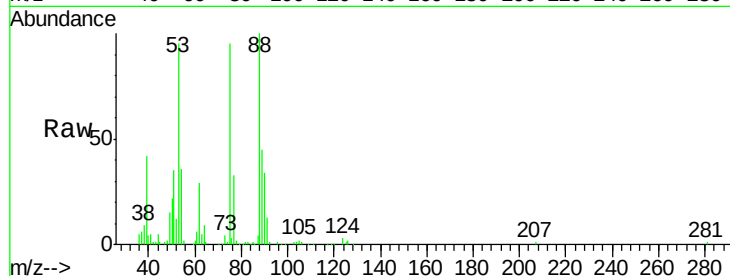
Tot Ion: 75 Resp: 94503

Ion Ratio Lower Upper

75 100

53 93.7 82.7 124.1

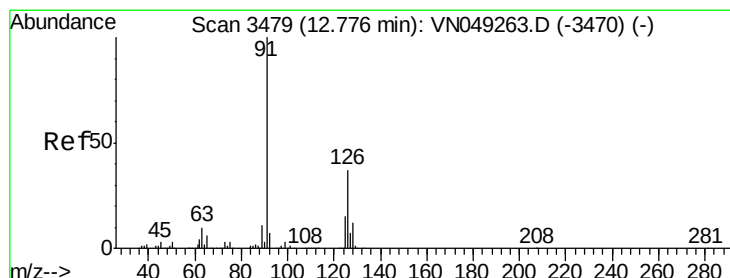
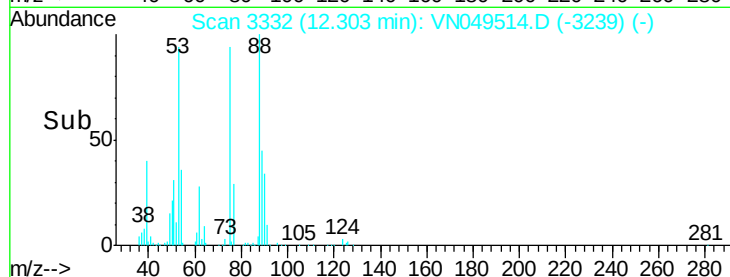
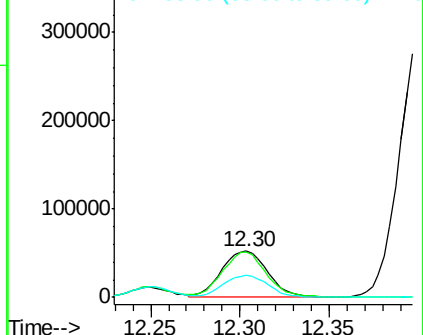
89 47.0 36.5 54.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 18.41 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. -0.00 min

Lab File: VN049514.D

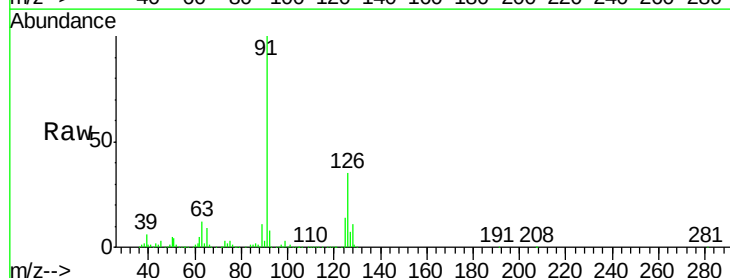
Acq: 25 Jun 2018 15:22

Tgt Ion: 91 Resp: 1144950

Ion Ratio Lower Upper

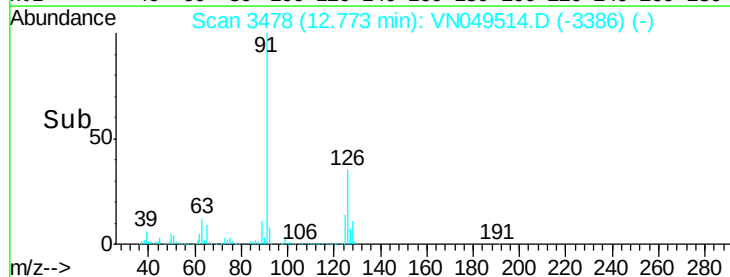
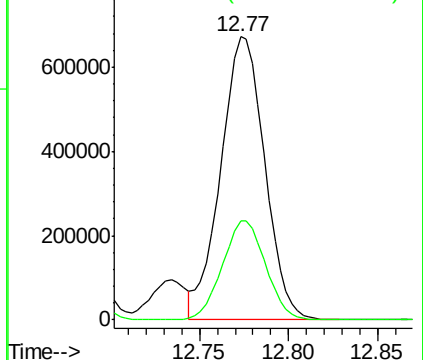
91 100

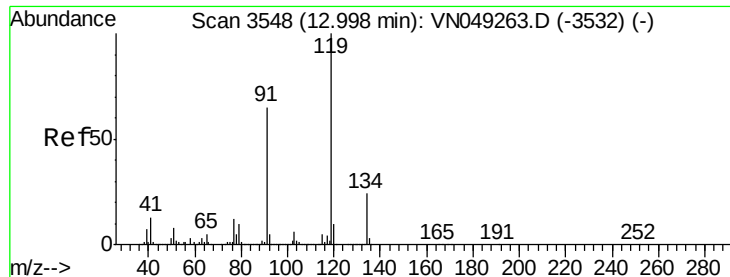
126 34.5 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 17.97 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBS01

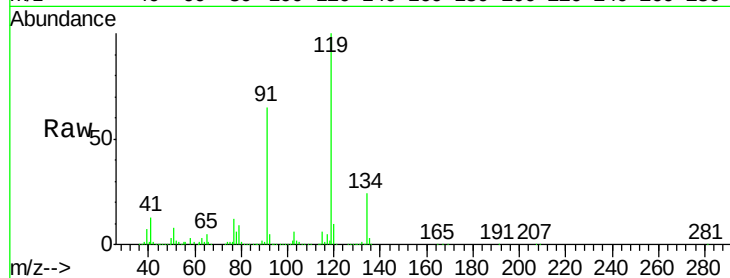
Tot Ion:119 Resp: 1159279

Ion Ratio Lower Upper

119 100

91 64.6 33.7 101.0

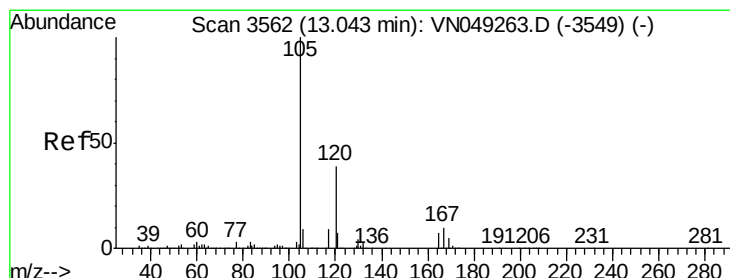
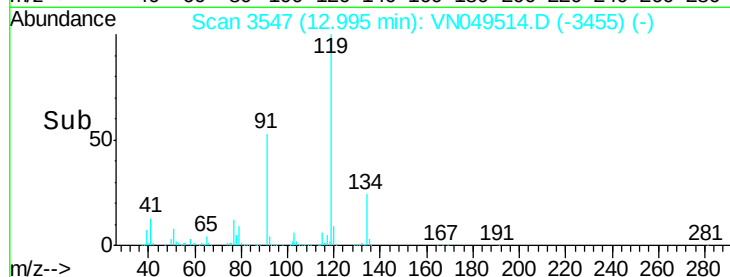
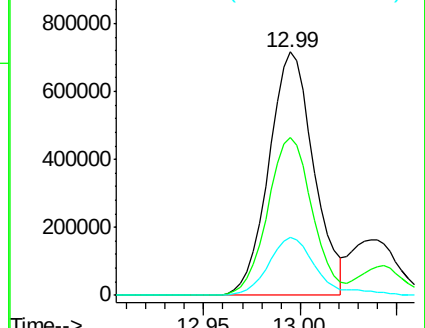
134 25.4 12.9 38.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.07 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049514.D

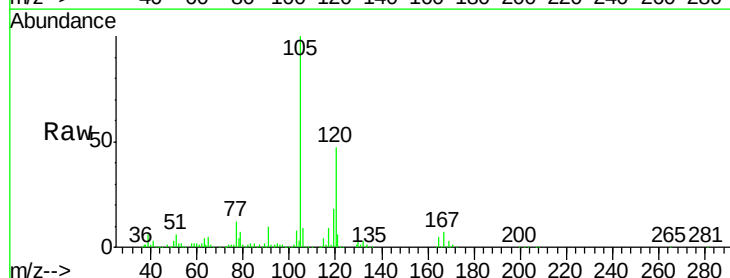
Acq: 25 Jun 2018 15:22

Tgt Ion:105 Resp: 1379577

Ion Ratio Lower Upper

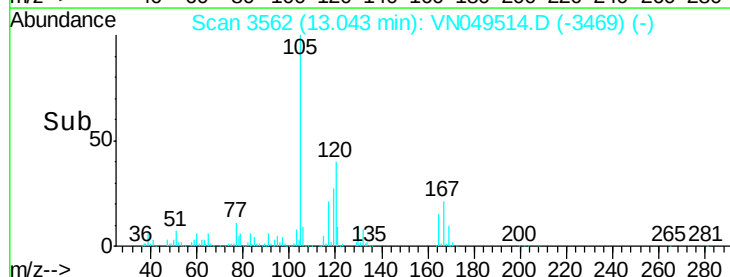
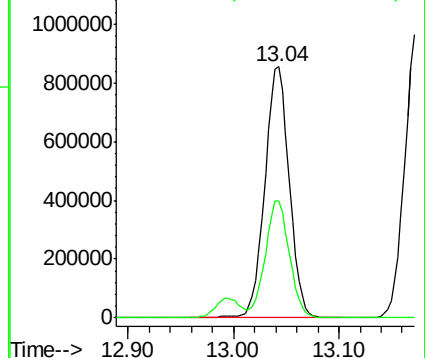
105 100

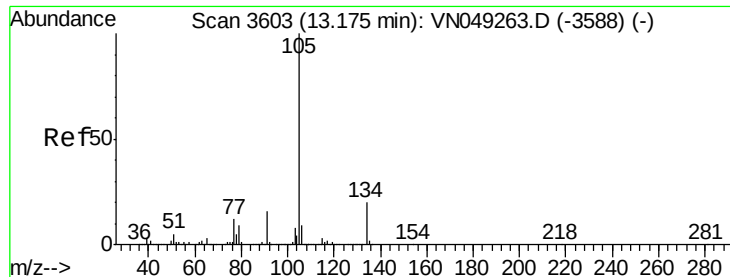
120 45.9 22.2 66.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.17 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

Instrument :

MSVOA_N

ClientSampled :

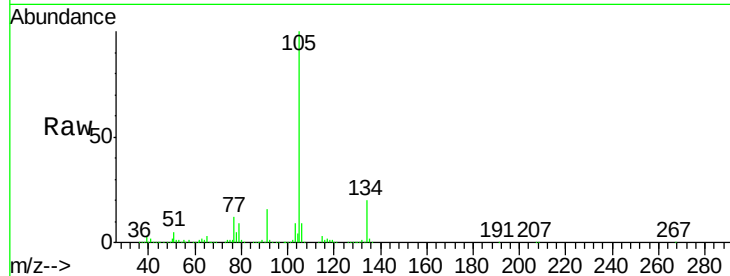
VN0625WBS01

Tot Ion:105 Resp: 1560352

Ion Ratio Lower Upper

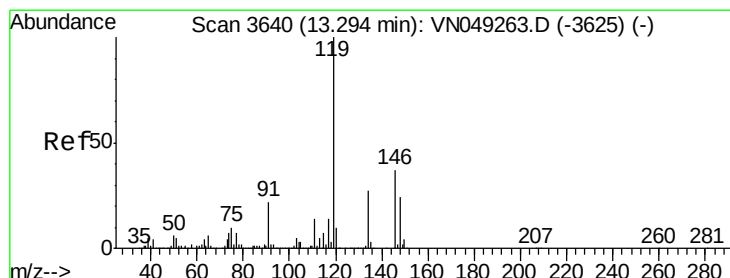
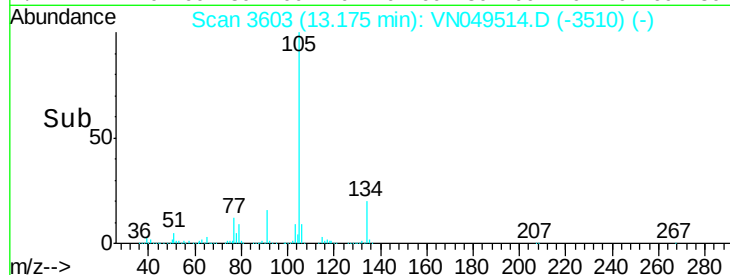
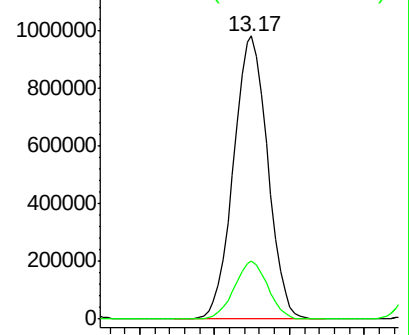
105 100

134 20.1 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.45 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

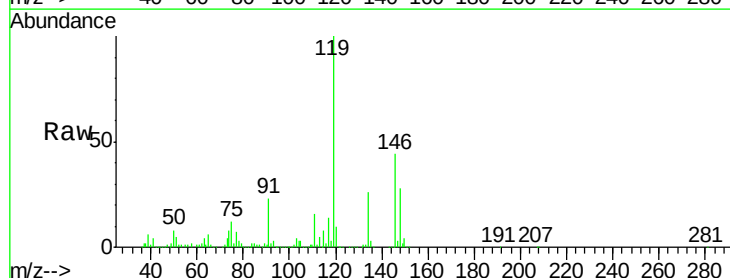
Tgt Ion:119 Resp: 1323633

Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.6

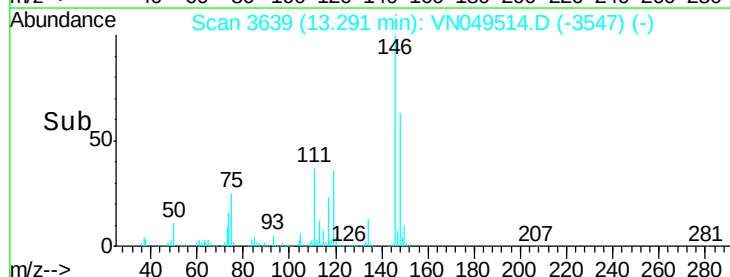
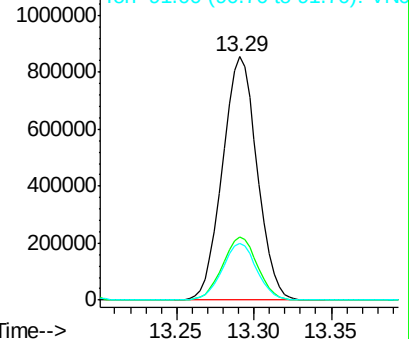
91 23.2 12.1 36.3

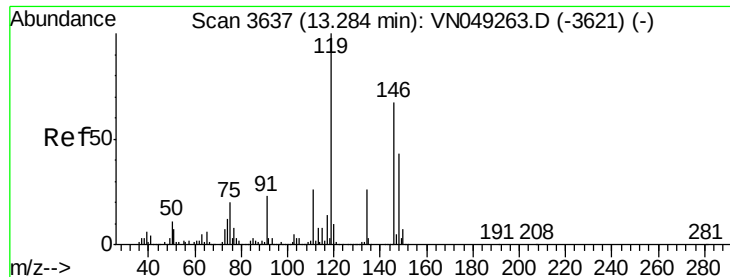


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

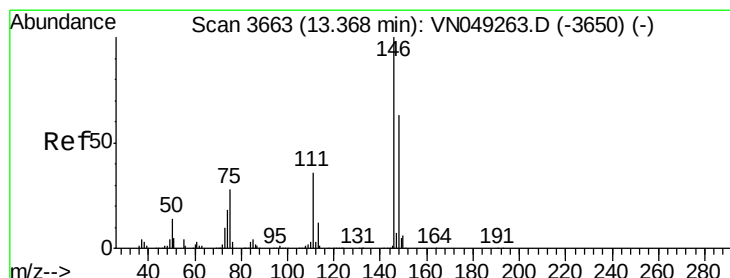
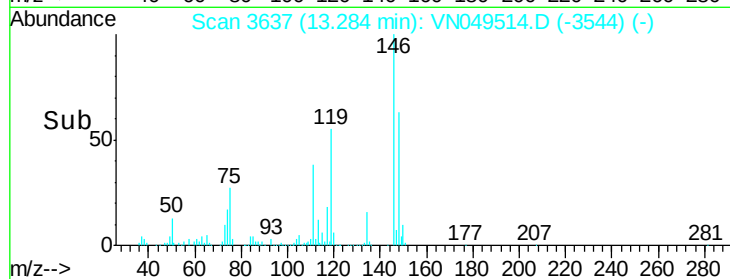
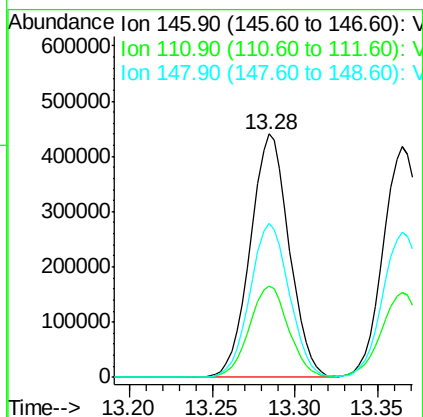
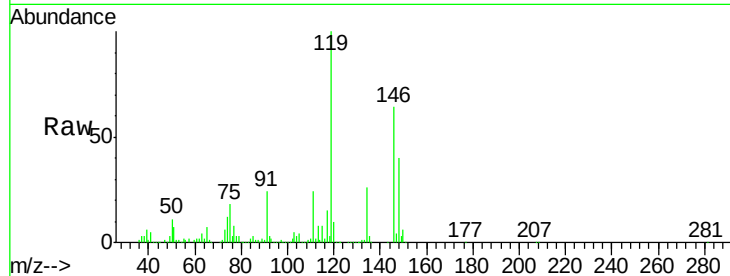




#87
 1,3-Dichlorobenzene
 Concen: 17.83 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049514.D
 Acq: 25 Jun 2018 15:22

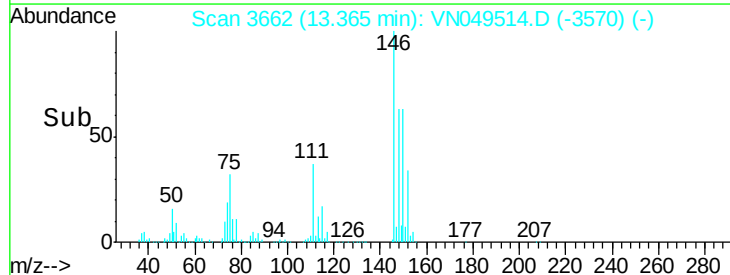
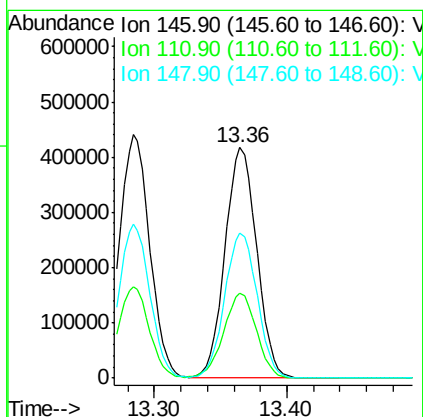
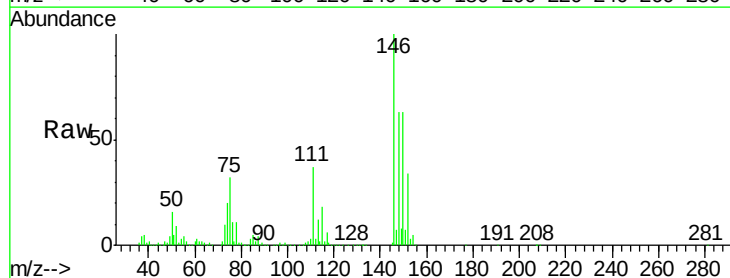
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBS01

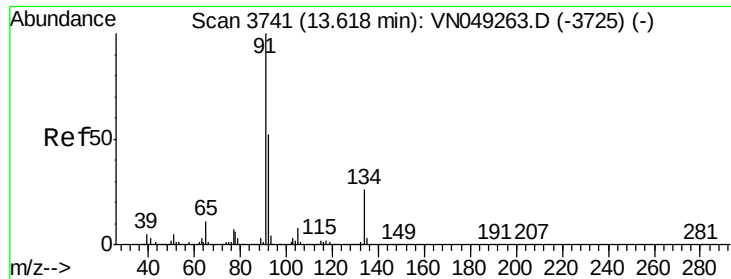
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.9	59.6
148	63.9	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 17.39 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN049514.D
 Acq: 25 Jun 2018 15:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.1
148	64.5	32.0	96.2

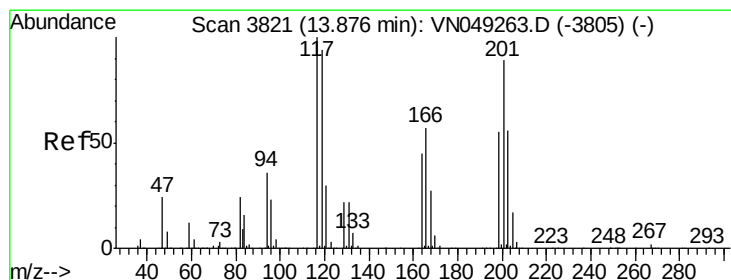
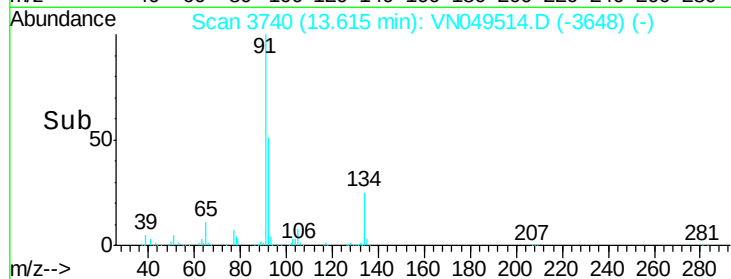
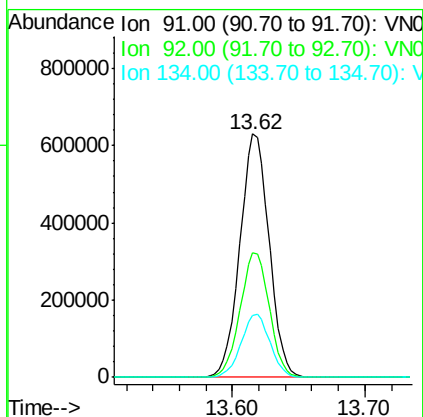
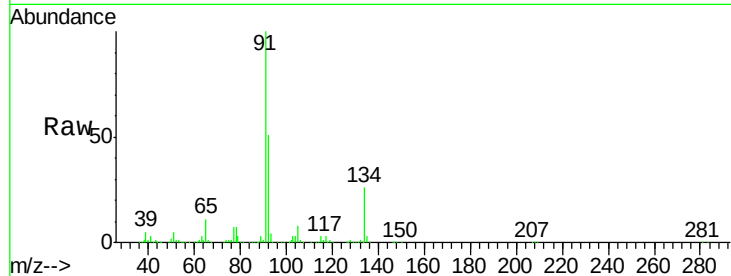




#89
n-Butylbenzene
Concen: 17.19 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN049514.D
Acq: 25 Jun 2018 15:22

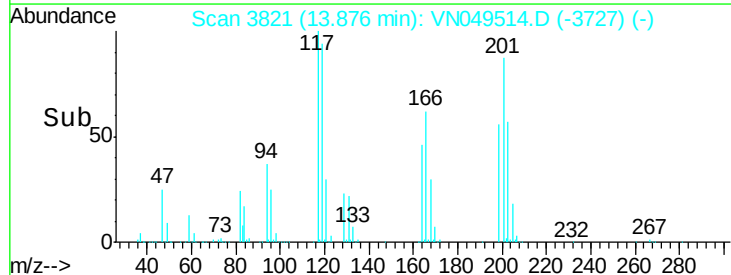
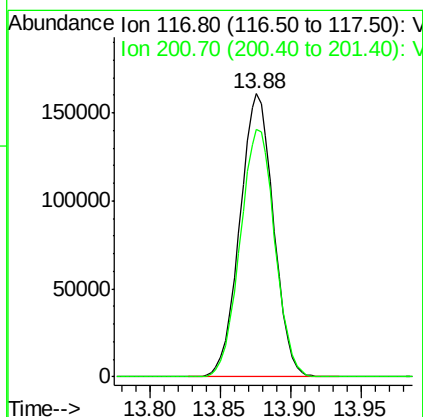
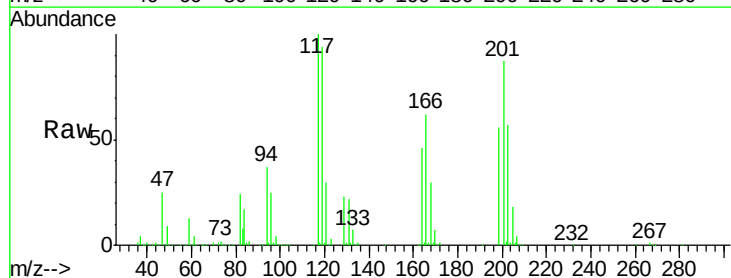
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

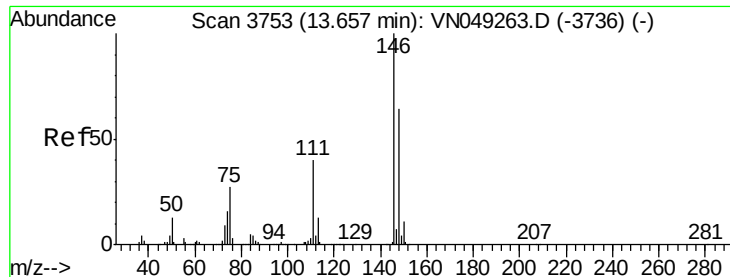
Tot Ion: 91 Resp: 963041
Ion Ratio Lower Upper
91 100
92 51.3 25.1 75.4
134 25.5 12.0 36.0



#90
Hexachloroethane
Concen: 18.77 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049514.D
Acq: 25 Jun 2018 15:22

Tgt Ion: 117 Resp: 269137
Ion Ratio Lower Upper
117 100
201 90.0 40.1 120.2

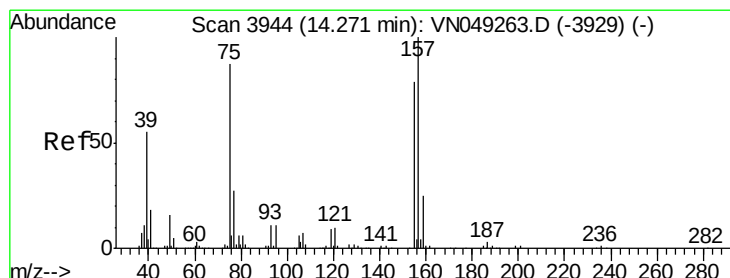
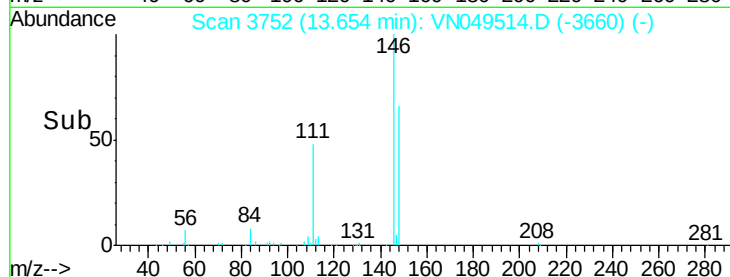
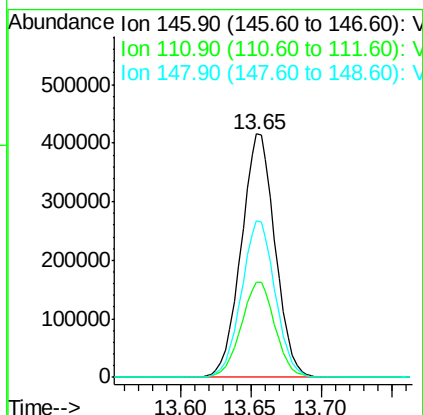
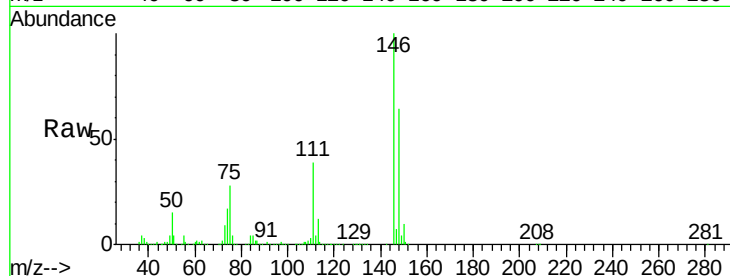




#91
 1,2-Dichlorobenzene
 Concen: 17.70 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN049514.D
 Acq: 25 Jun 2018 15:22

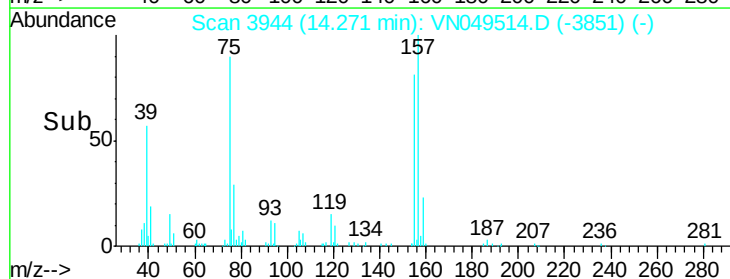
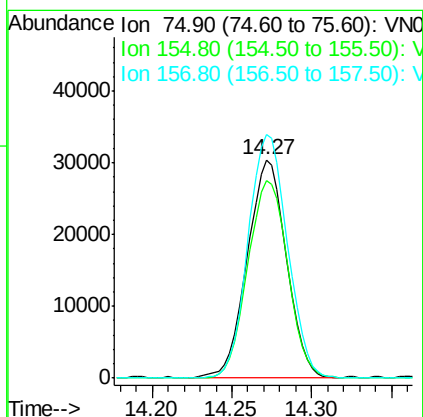
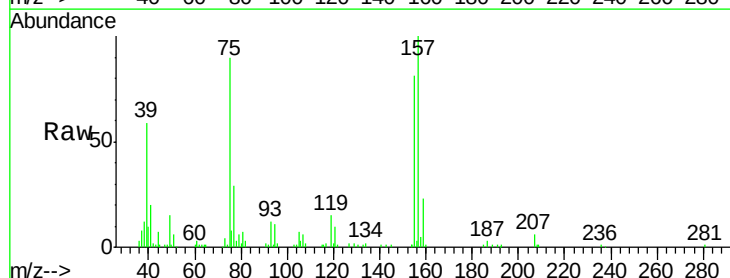
Instrument :
 MSVOA_N
 ClientSampled :
 VN0625WBS01

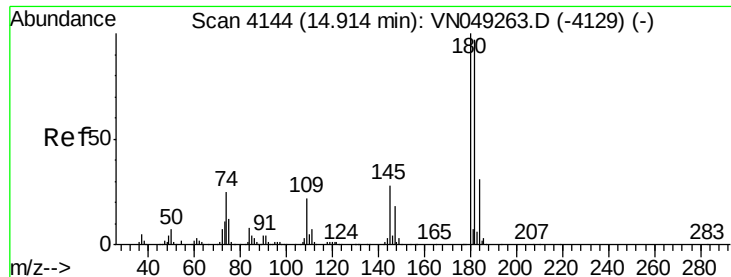
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.8	62.2
148	64.0	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.78 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN049514.D
 Acq: 25 Jun 2018 15:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.5	38.8	116.3
157	112.0	51.0	153.1

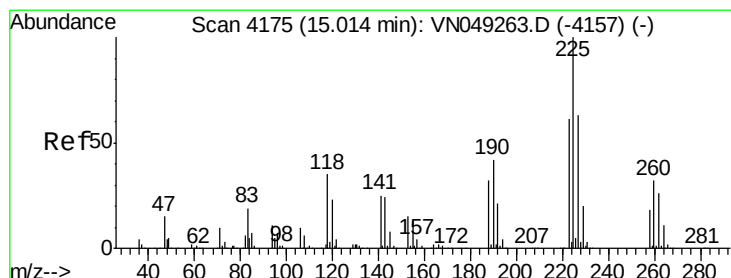
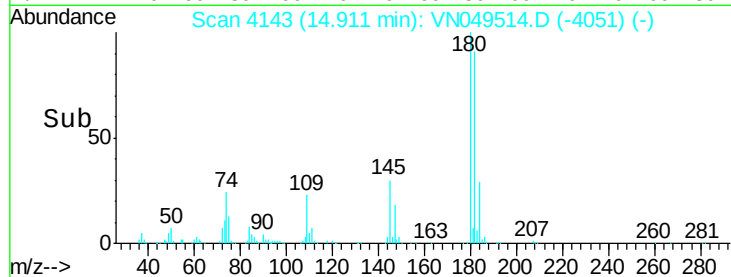
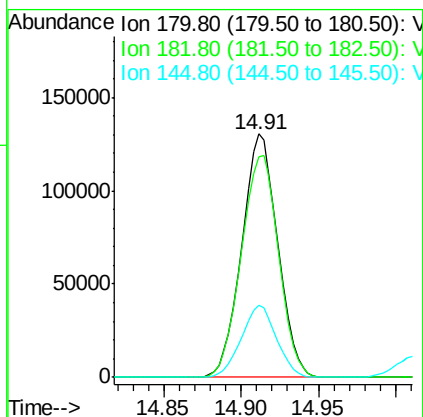
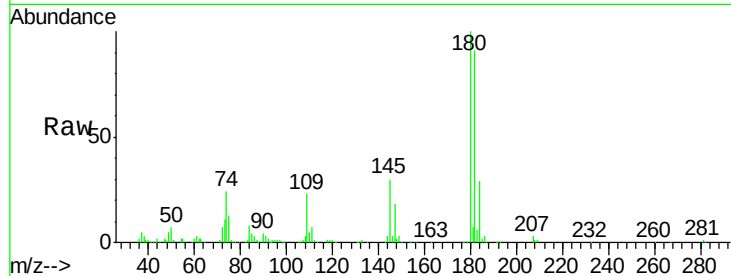




#93
 1,2,4-Trichlorobenzene
 Concen: 15.29 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN049514.D
 Acq: 25 Jun 2018 15:22

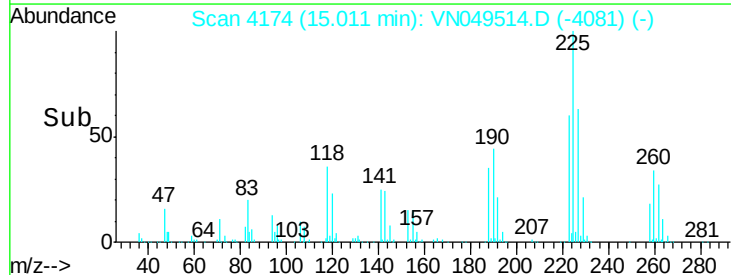
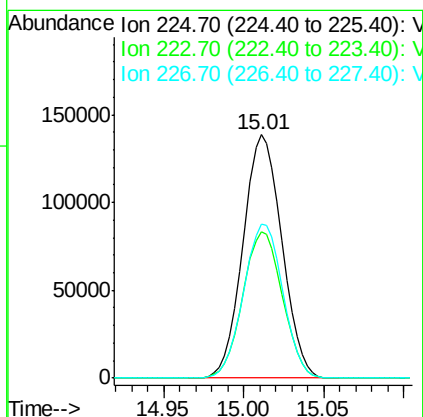
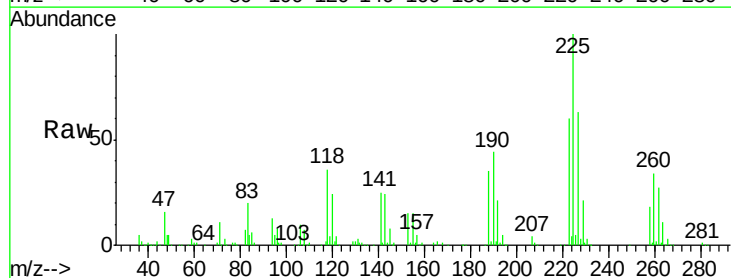
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBS01

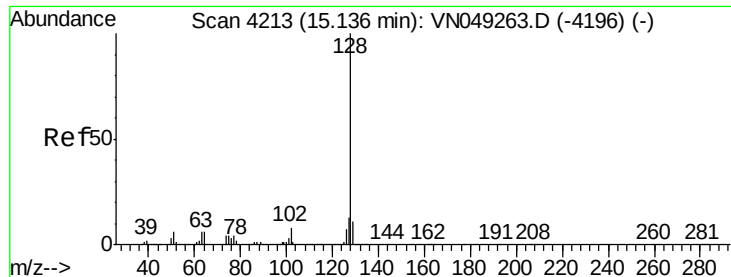
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	46.9	140.8
145	29.0	14.7	44.1



#94
 Hexachlorobutadiene
 Concen: 18.11 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN049514.D
 Acq: 25 Jun 2018 15:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	32.1	96.3
227	64.2	31.8	95.3





#95

Naphthalene

Concen: 14.50 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBS01

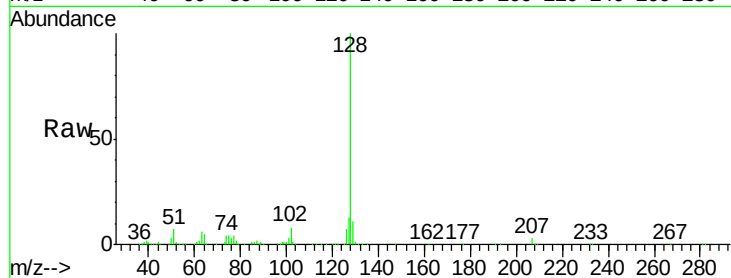
Tot Ion:128 Resp: 376421

Ion Ratio Lower Upper

128 100

127 13.8 10.6 16.0

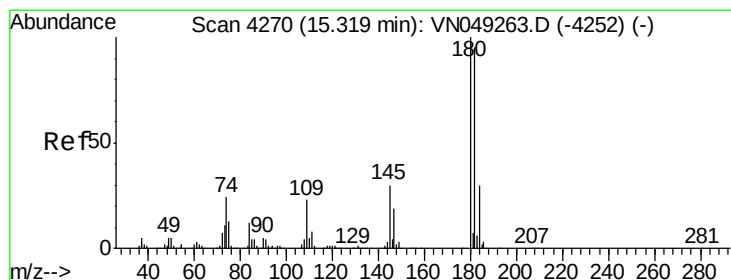
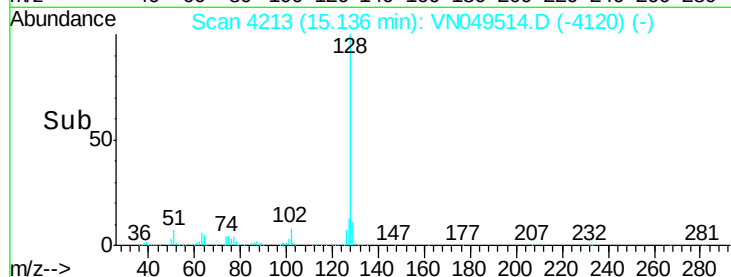
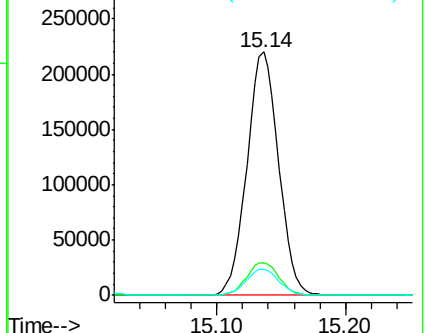
129 11.3 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 15.78 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. -0.00 min

Lab File: VN049514.D

Acq: 25 Jun 2018 15:22

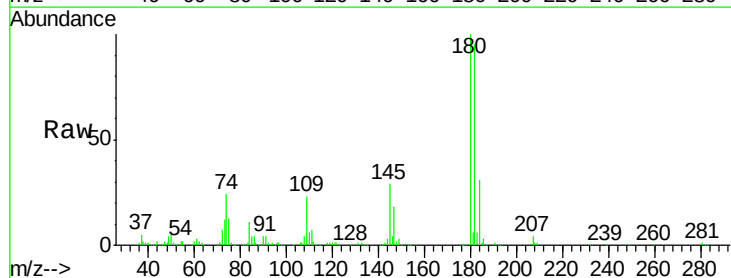
Tgt Ion:180 Resp: 234194

Ion Ratio Lower Upper

180 100

182 94.3 47.3 141.8

145 29.6 15.6 46.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

