

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070318\
 Data File : VN049687.D
 Acq On : 3 Jul 2018 12:14
 Operator : MD\SY
 Sample : VN0703WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 03 23:02:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:55:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1190943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1745998	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1597667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	882070	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	759774	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
35) Dibromofluoromethane	7.59	113	616443	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	
50) Toluene-d8	10.09	98	2430613	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
62) 4-Bromofluorobenzene	12.40	95	850123	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	266527	19.86	ug/l	97
3) Chloromethane	2.06	50	355334	21.20	ug/l	100
4) Vinyl Chloride	2.18	62	365860	20.32	ug/l	100
5) Bromomethane	2.56	94	203150	21.48	ug/l	99
6) Chloroethane	2.69	64	232569	20.41	ug/l	99
7) Trichlorofluoromethane	3.01	101	444623	21.62	ug/l	99
8) Diethyl Ether	3.41	74	175716	21.08	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	301620	20.39	ug/l	100
10) Methyl Iodide	3.94	142	392702	21.21	ug/l	98
11) Tert butyl alcohol	4.81	59	158652	175.79	ug/l	100
12) 1,1-Dichloroethene	3.73	96	275894	19.72	ug/l	99
13) Acrolein	3.60	56	73146	86.77	ug/l	97
14) Allyl chloride	4.32	41	405702	21.11	ug/l	98
15) Acrylonitrile	5.00	53	599648	128.64	ug/l	99
16) Acetone	3.82	43	480996	149.06	ug/l	100
17) Carbon Disulfide	4.04	76	805598	20.71	ug/l	100
18) Methyl Acetate	4.33	43	333826	20.77	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	806802	22.37	ug/l	97
20) Methylene Chloride	4.54	84	326598	20.17	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	289559	20.11	ug/l	97
22) Diisopropyl ether	5.95	45	912543	20.99	ug/l	95
23) Vinyl Acetate	5.90	43	3135003	111.21	ug/l	100
24) 1,1-Dichloroethane	5.84	63	553288	20.20	ug/l	99
25) 2-Butanone	6.84	43	742137	142.14	ug/l	100
26) 2,2-Dichloropropane	6.82	77	463998	20.40	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	329780	20.51	ug/l	98
28) Bromochloromethane	7.19	49	254263	21.88	ug/l	99
29) Tetrahydrofuran	7.22	42	469799	141.17	ug/l	99
30) Chloroform	7.37	83	564918	20.24	ug/l	100
31) Cyclohexane	7.65	56	480385	20.02	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	475971	20.14	ug/l	99
36) 1,1-Dichloropropene	7.79	75	414411	21.10	ug/l	99
37) Ethyl Acetate	6.93	43	320824	28.00	ug/l	99
38) Carbon Tetrachloride	7.77	117	406567	21.28	ug/l	99

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Quant Time: Jul 03 23:02:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:55:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	445036	20.66	ug/l	97
40) Benzene	8.04	78	1256106	20.94	ug/l	100
41) Methacrylonitrile	7.17	41	119511	18.50	ug/l #	69
42) 1,2-Dichloroethane	8.12	62	407888	21.31	ug/l	100
43) Isopropyl Acetate	8.17	43	587111	25.52	ug/l	99
44) Trichloroethene	8.84	130	357164	19.74	ug/l	98
45) 1,2-Dichloropropane	9.12	63	329537	21.26	ug/l	100
46) Dibromomethane	9.21	93	210889	22.49	ug/l	99
47) Bromodichloromethane	9.40	83	422789	21.18	ug/l	97
48) Methyl methacrylate	9.20	41	267891	26.31	ug/l	97
49) 1,4-Dioxane	9.20	88	85945	627.89	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	1625689	144.72	ug/l	99
52) Toluene	10.16	92	775156	21.39	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	416320	21.79	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	476589	21.34	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	297538	22.05	ug/l	100
56) Ethyl methacrylate	10.43	69	383822	24.27	ug/l	99
57) 1,3-Dichloropropane	10.71	76	485460	22.19	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	844848	108.88	ug/l	100
59) 2-Hexanone	10.75	43	1139696	153.43	ug/l	99
60) Dibromochloromethane	10.90	129	329078	22.57	ug/l	99
61) 1,2-Dibromoethane	11.01	107	299548	23.17	ug/l	99
64) Tetrachloroethene	10.63	164	414682	19.17	ug/l	99
65) Chlorobenzene	11.44	112	839722	20.15	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	311808	20.82	ug/l	98
67) Ethyl Benzene	11.51	91	1393899	20.23	ug/l	99
68) m/p-Xylenes	11.63	106	1125021	42.61	ug/l	99
69) o-Xylene	11.95	106	528697	20.91	ug/l	97
70) Styrene	11.97	104	861951	21.07	ug/l	100
71) Bromoform	12.13	173	236339	23.75	ug/l #	100
73) Isopropylbenzene	12.25	105	1394249	19.84	ug/l	100
74) N-amyl acetate	12.07	43	464956	24.23	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	381311	25.45	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	486555	34.39	ug/l #	100
77) Bromobenzene	12.53	156	369480	19.34	ug/l	98
78) n-propylbenzene	12.59	91	1659163	20.60	ug/l	100
79) 2-Chlorotoluene	12.68	91	997767	19.58	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1220718	20.91	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	97758	23.47	ug/l	95
82) 4-Chlorotoluene	12.77	91	1013564	19.78	ug/l	99
83) tert-Butylbenzene	13.00	119	1009752	20.13	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1238764	20.65	ug/l	100
85) sec-Butylbenzene	13.17	105	1373242	20.67	ug/l	99
86) p-Isopropyltoluene	13.29	119	1205584	20.95	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	665907	20.25	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	652707	20.28	ug/l	100
89) n-Butylbenzene	13.62	91	963332	19.55	ug/l	100
90) Hexachloroethane	13.88	117	155129	25.66	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	654734	20.41	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	61748	24.68	ug/l	97

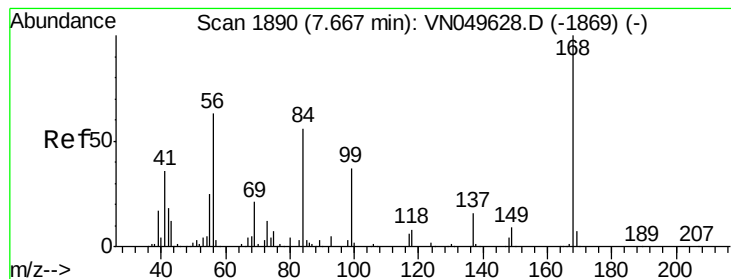
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Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:55:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	282707	18.96	ug/l	100
94) Hexachlorobutadiene	15.01	225	208627	20.97	ug/l	99
95) Naphthalene	15.14	128	642277	20.52	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	304574	20.73	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :

MSVOA_N

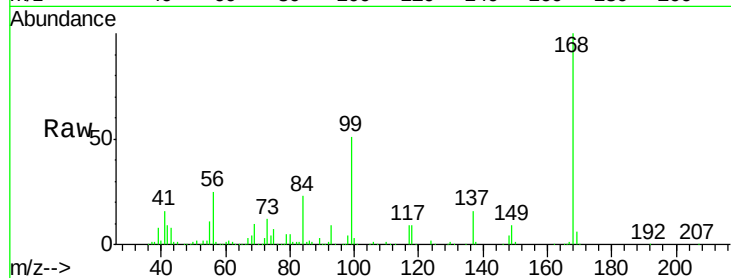
ClientSampleId :

Tot Ion:168 Resp: 1190943

Ion Ratio Lower Upper

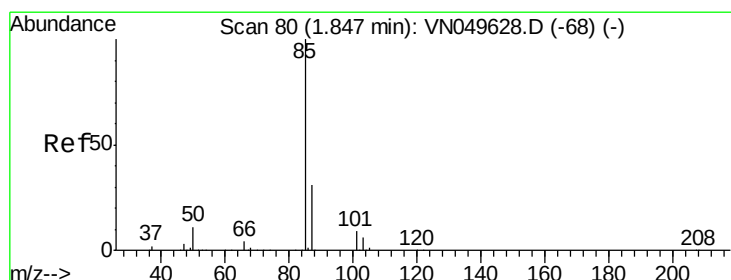
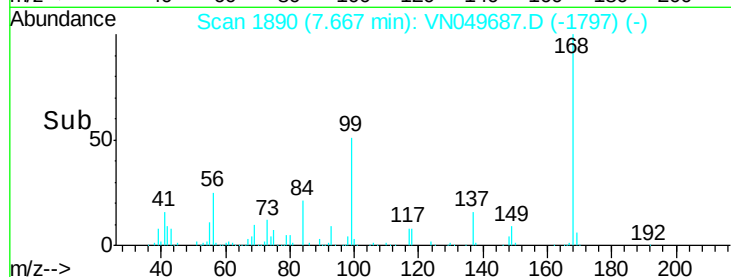
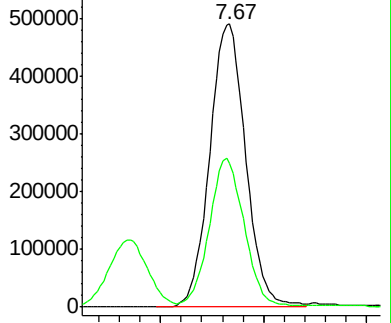
168 100

99 50.2 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 19.86 ug/l

RT: 1.85 min Scan# 80

Delta R.T. 0.00 min

Lab File: VN049687.D

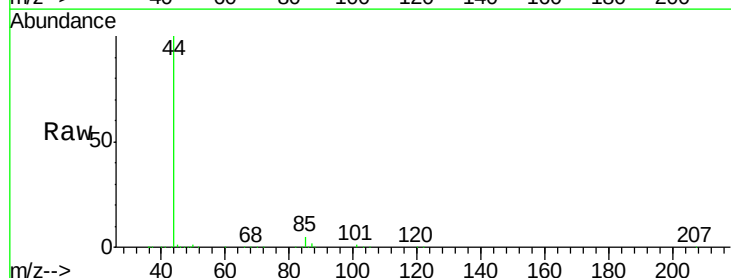
Acq: 3 Jul 2018 12:14

Tgt Ion: 85 Resp: 266527

Ion Ratio Lower Upper

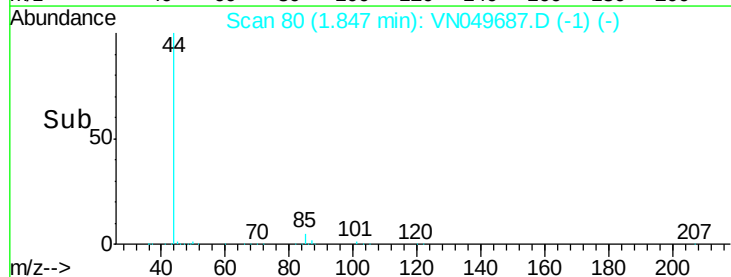
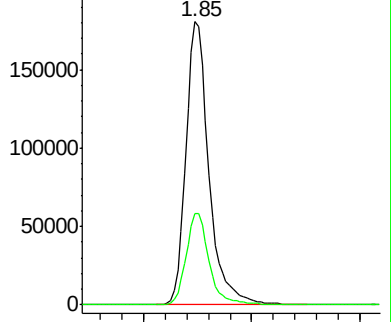
85 100

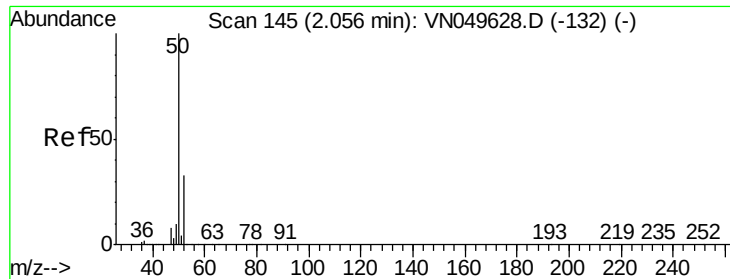
87 32.2 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 21.20 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :

MSVOA_N

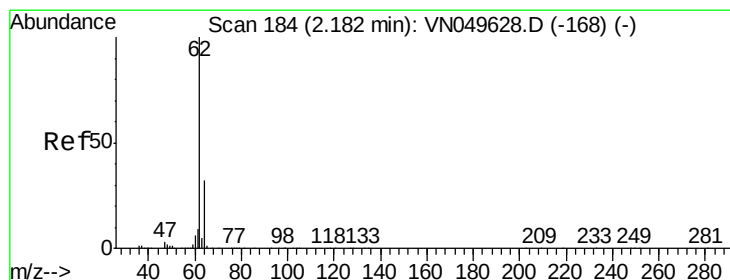
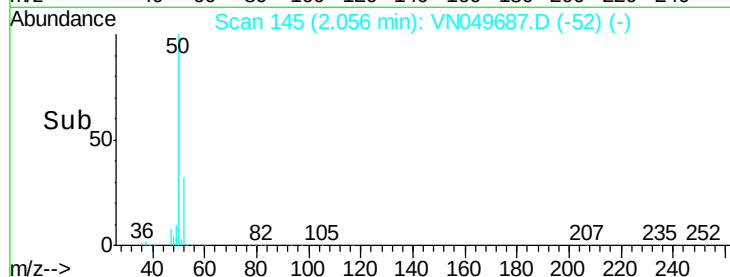
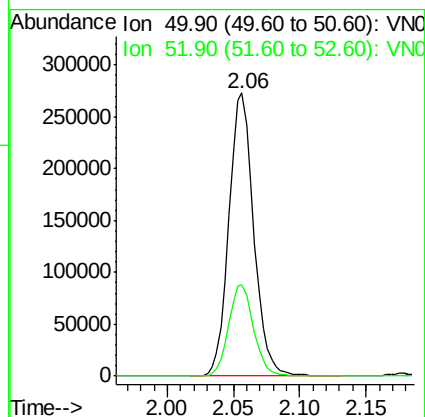
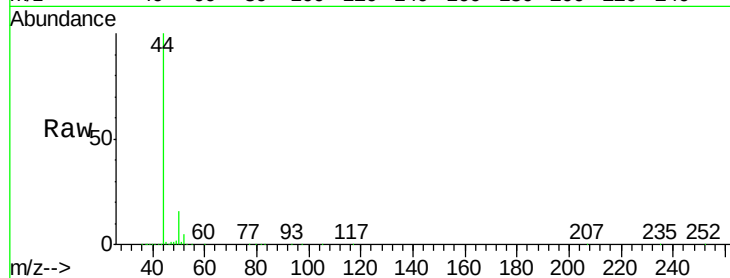
ClientSampleId :

Tot Ion: 50 Resp: 355334

Ion Ratio Lower Upper

50 100

52 32.4 26.1 39.1



#4

Vinyl Chloride

Concen: 20.32 ug/l

RT: 2.18 min Scan# 183

Delta R.T. -0.00 min

Lab File: VN049687.D

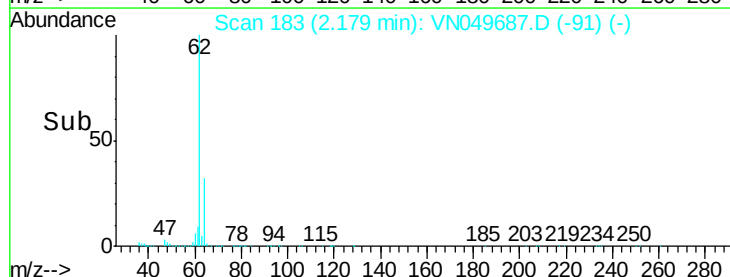
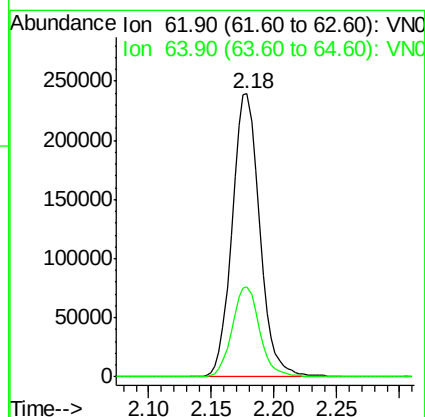
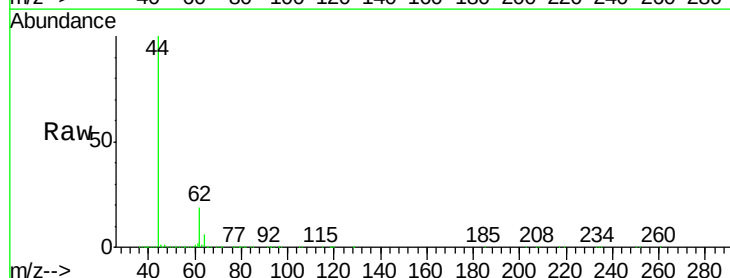
Acq: 3 Jul 2018 12:14

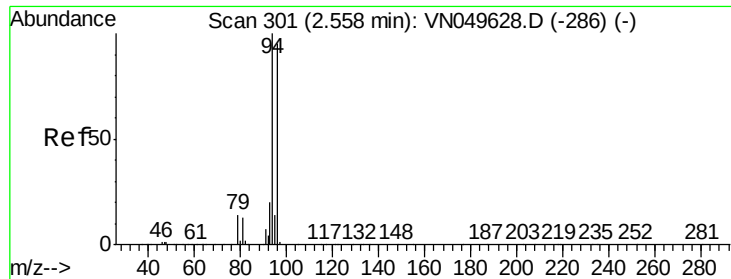
Tgt Ion: 62 Resp: 365860

Ion Ratio Lower Upper

62 100

64 31.9 25.4 38.0





#5

Bromomethane

Concen: 21.48 ug/l

RT: 2.56 min Scan# 301

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :

MSVOA_N

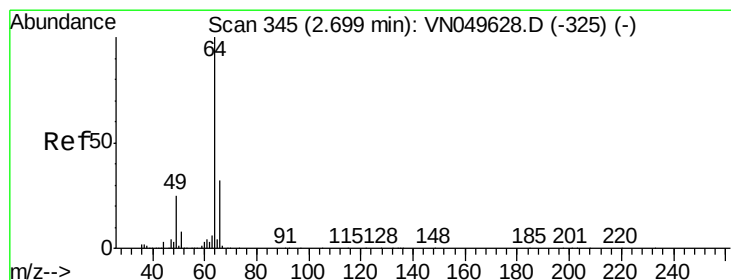
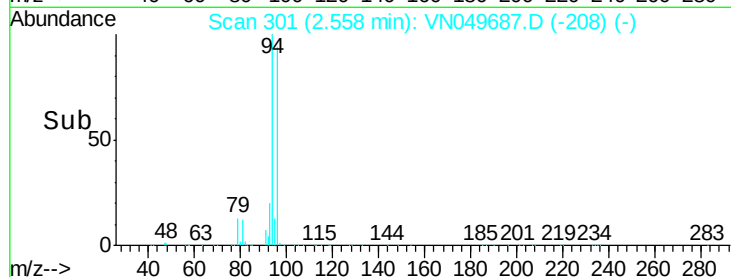
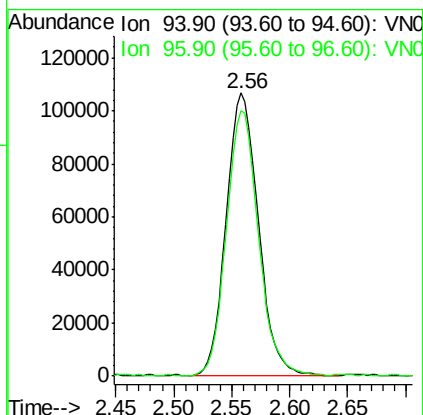
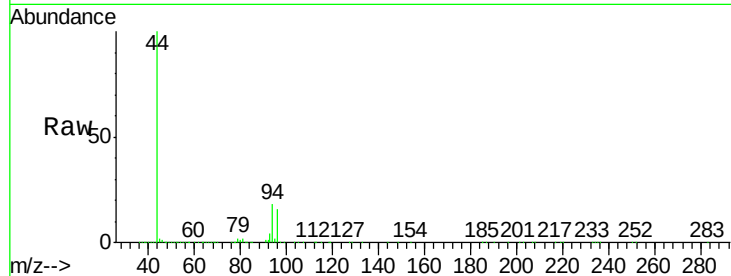
ClientSampled :

Tot Ion: 94 Resp: 203150

Ion Ratio Lower Upper

94 100

96 94.0 75.7 113.5



#6

Chloroethane

Concen: 20.41 ug/l

RT: 2.69 min Scan# 343

Delta R.T. -0.01 min

Lab File: VN049687.D

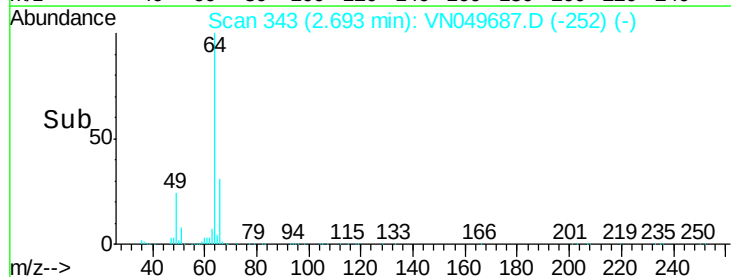
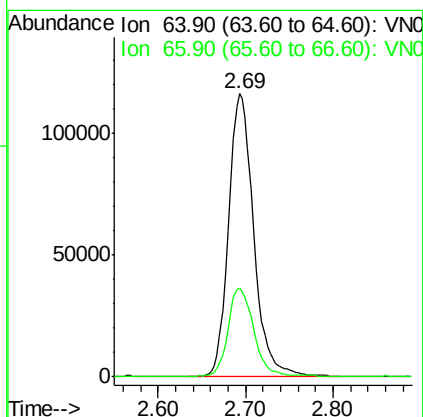
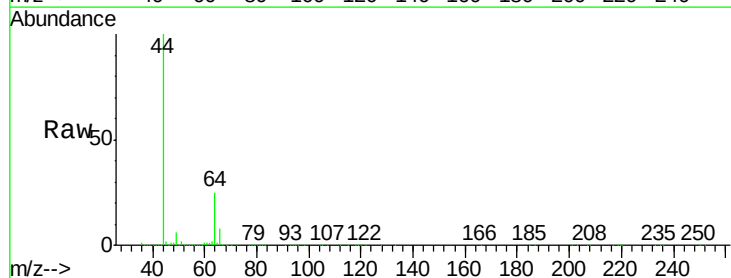
Acq: 3 Jul 2018 12:14

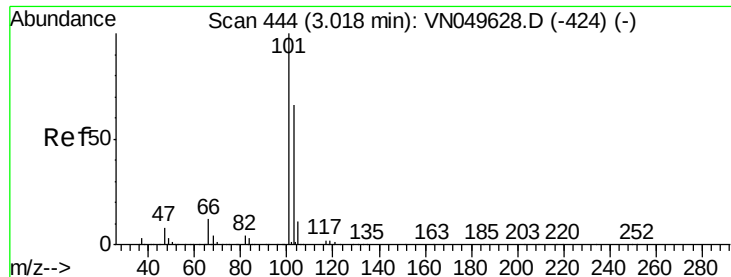
Tgt Ion: 64 Resp: 232569

Ion Ratio Lower Upper

64 100

66 31.5 25.6 38.4



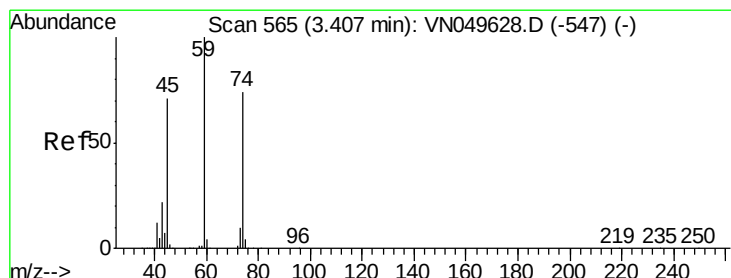
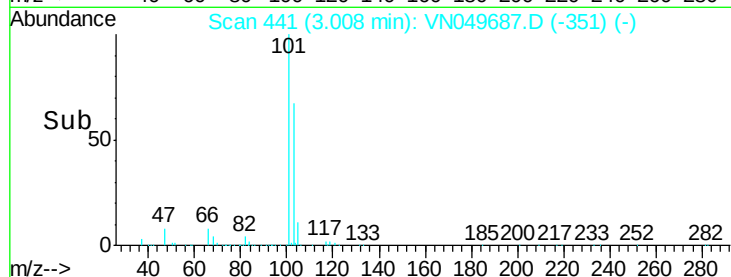
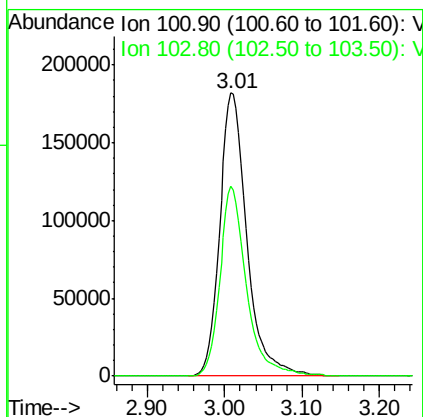
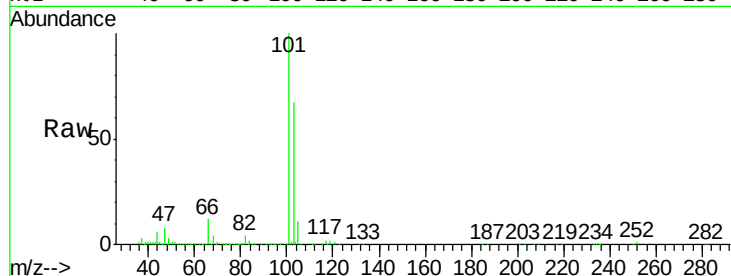


#7

Trichlorofluoromethane
Concen: 21.62 ug/l
RT: 3.01 min Scan# 441
Delta R.T. -0.01 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Instrument :
MSVOA_N
ClientSampled :

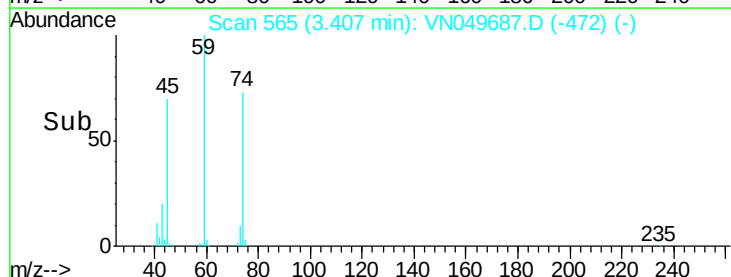
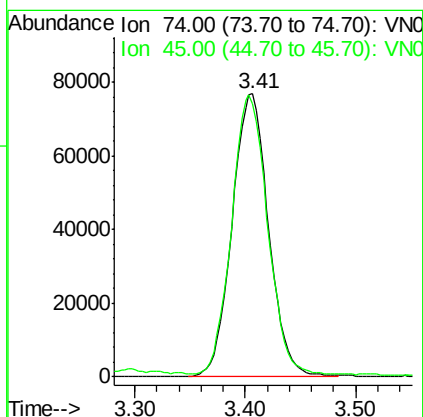
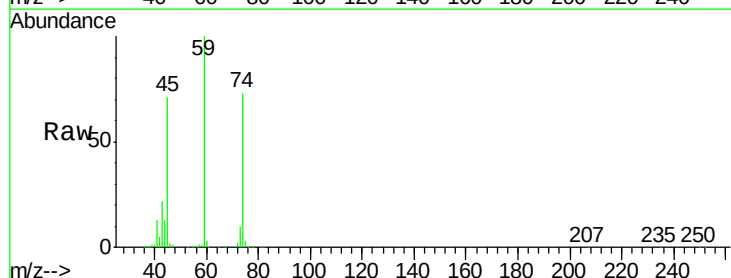
Tot Ion:101 Resp: 444623
Ion Ratio Lower Upper
101 100
103 67.0 52.8 79.2

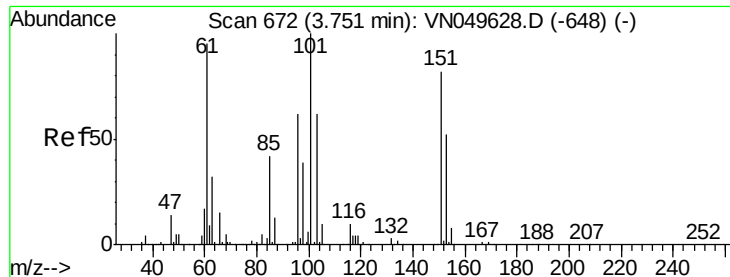


#8

Diethyl Ether
Concen: 21.08 ug/l
RT: 3.41 min Scan# 565
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Tgt Ion: 74 Resp: 175716
Ion Ratio Lower Upper
74 100
45 97.5 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.39 ug/l

RT: 3.74 min Scan# 669

Delta R.T. -0.01 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :

MSVOA_N

ClientSampled :

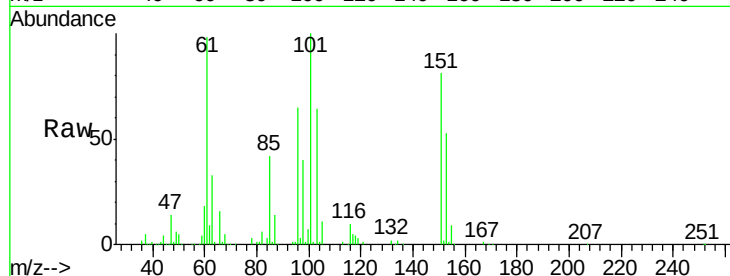
Tot Ion:101 Resp: 301620

Ion Ratio Lower Upper

101 100

85 42.5 34.4 51.6

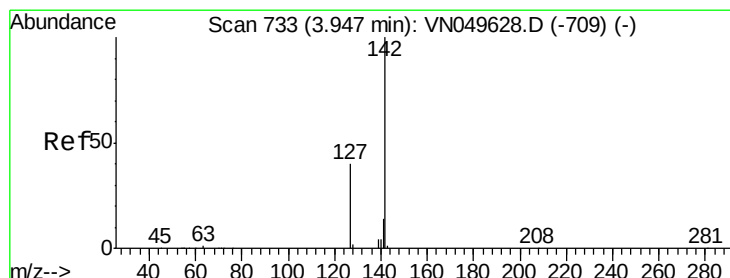
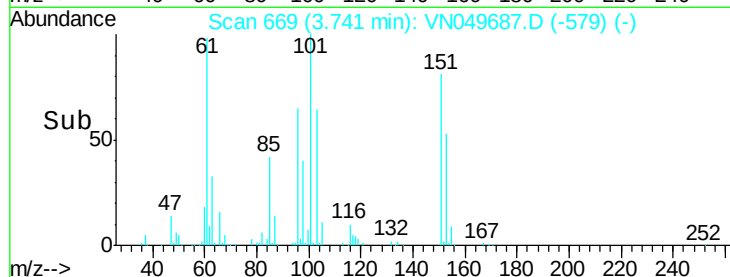
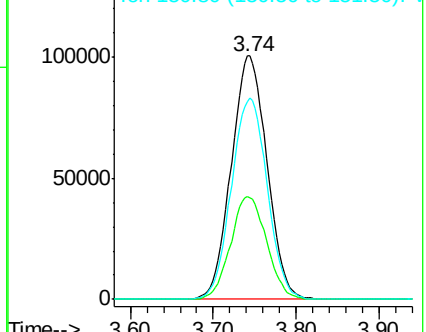
151 83.0 66.2 99.4



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: 21.21 ug/l

RT: 3.94 min Scan# 731

Delta R.T. -0.01 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

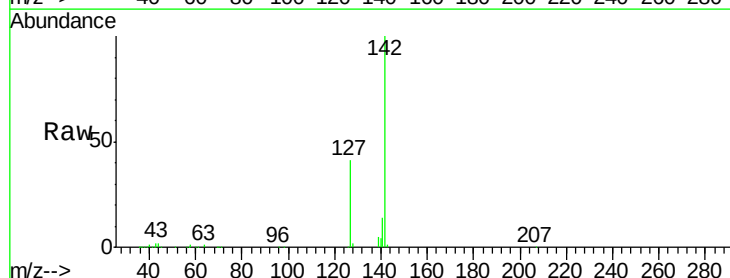
Tgt Ion:142 Resp: 392702

Ion Ratio Lower Upper

142 100

127 42.1 32.5 48.7

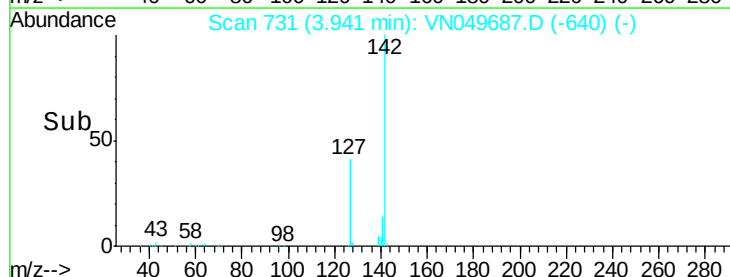
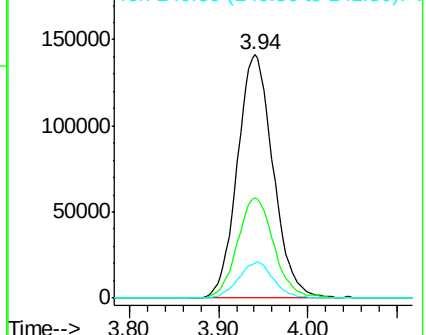
141 14.5 11.1 16.7

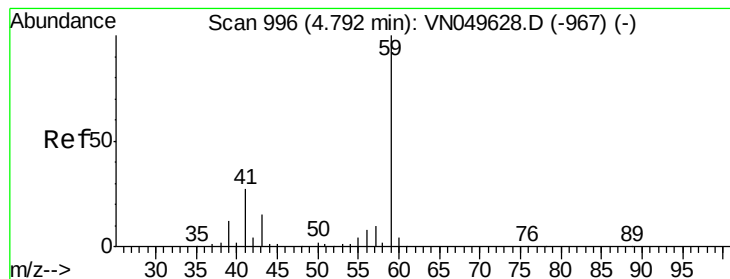


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



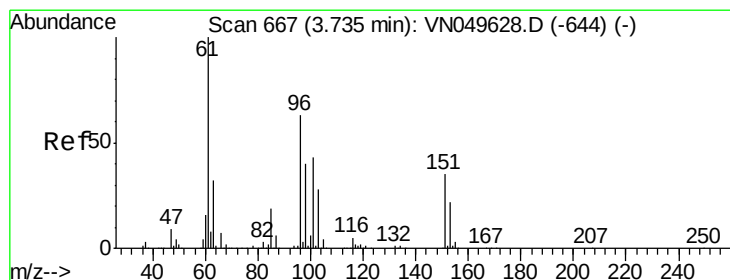
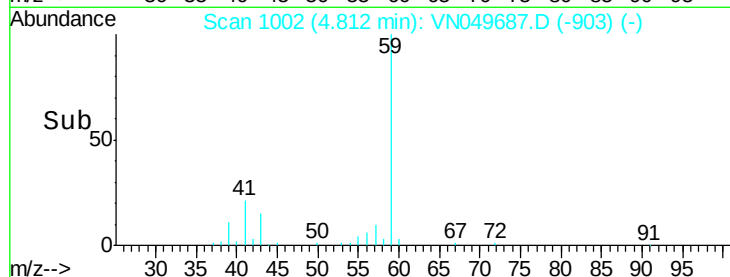
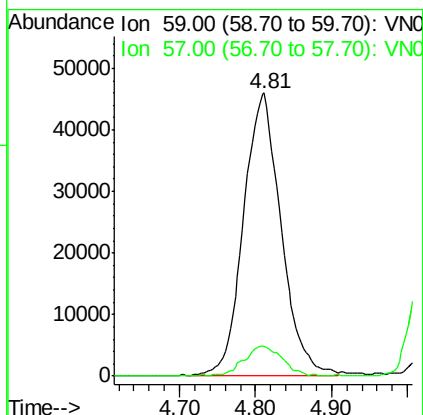
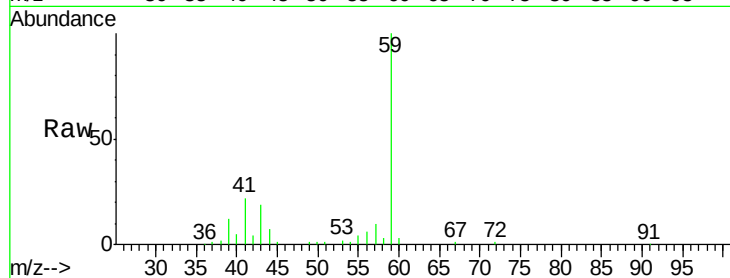


#11

Tert butyl alcohol
Concen: 175.79 ug/l
RT: 4.81 min Scan# 1002
Delta R.T. 0.02 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Instrument :
MSVOA_N
ClientSampled :

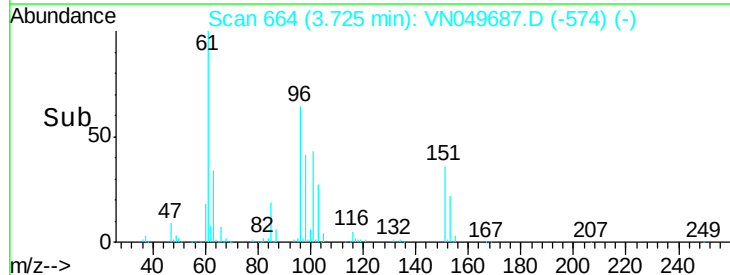
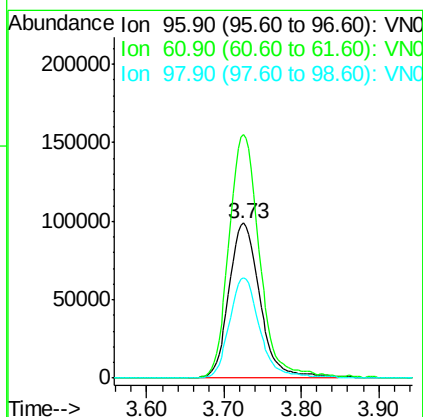
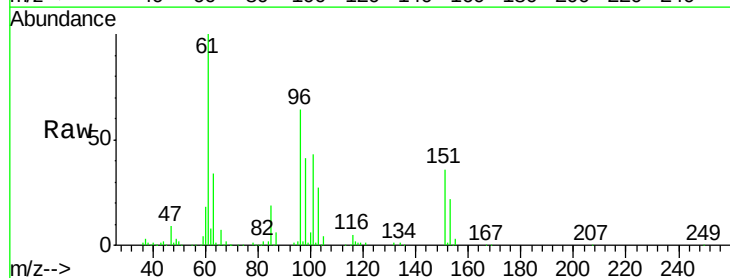
Tot Ion: 59 Resp: 158652
Ion Ratio Lower Upper
59 100
57 10.8 8.5 12.7

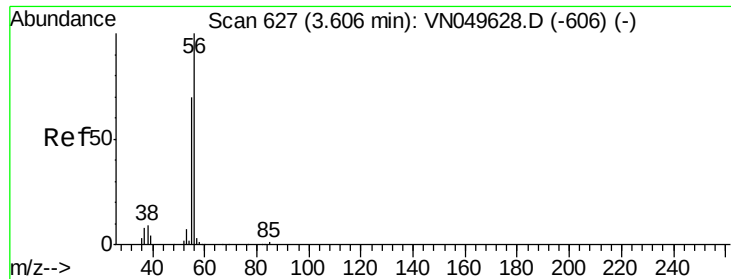


#12

1,1-Dichloroethene
Concen: 19.72 ug/l
RT: 3.73 min Scan# 664
Delta R.T. -0.01 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Tgt Ion: 96 Resp: 275894
Ion Ratio Lower Upper
96 100
61 157.3 126.5 189.7
98 64.7 51.0 76.6





#13

Acrolein

Concen: 86.77 ug/l

RT: 3.60 min Scan# 626

Delta R.T. -0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :

MSVOA_N

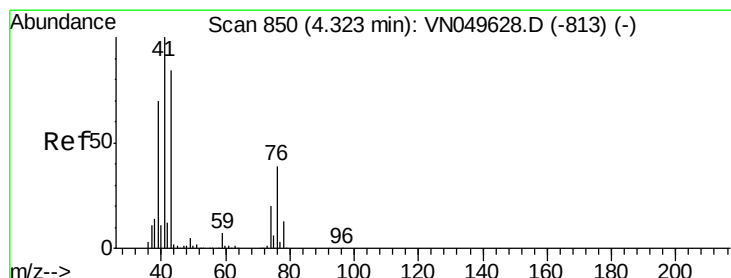
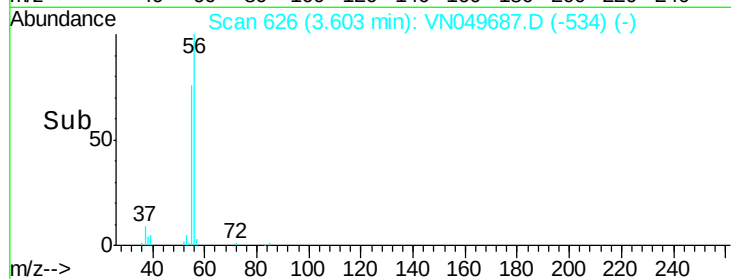
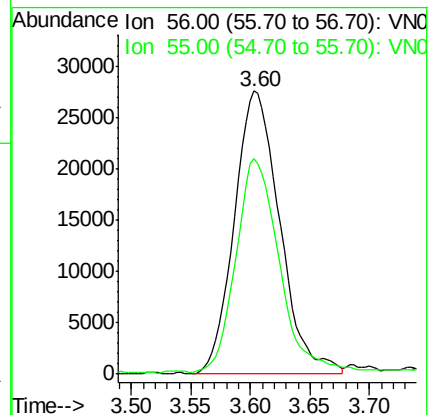
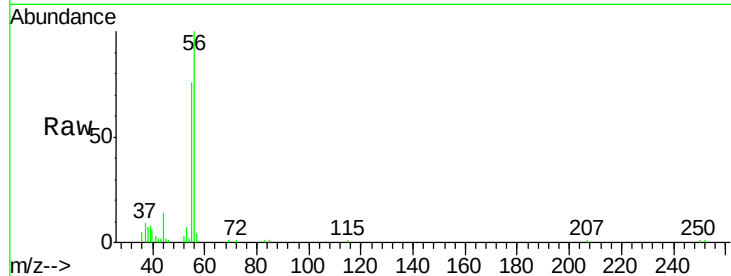
ClientSampled :

Tot Ion: 56 Resp: 73146

Ion Ratio Lower Upper

56 100

55 72.0 55.8 83.8



#14

Allyl chloride

Concen: 21.11 ug/l

RT: 4.32 min Scan# 848

Delta R.T. -0.01 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

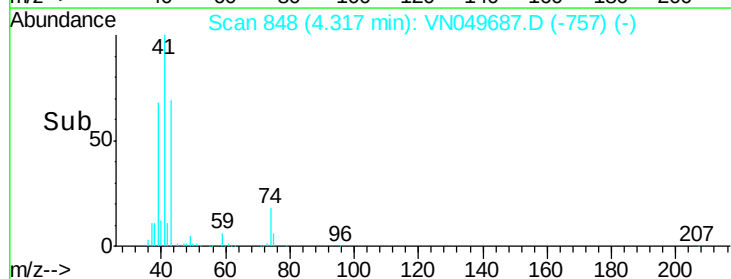
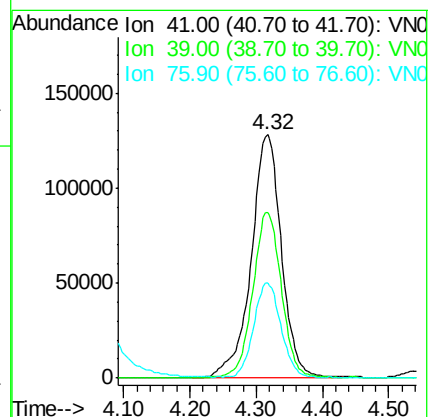
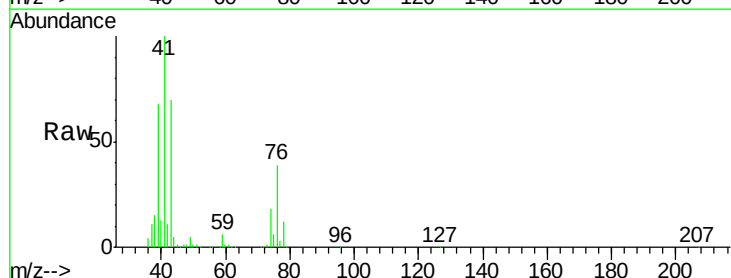
Tgt Ion: 41 Resp: 405702

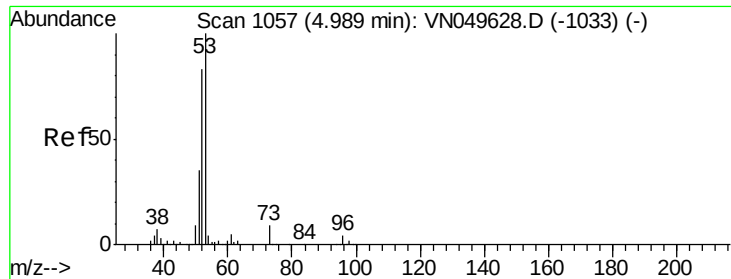
Ion Ratio Lower Upper

41 100

39 65.0 53.2 79.8

76 34.7 29.0 43.6





#15

Acrylonitrile

Concen: 128.64 ug/l

RT: 5.00 min Scan# 1059

Delta R.T. 0.01 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :
MSVOA_N
ClientSampled :

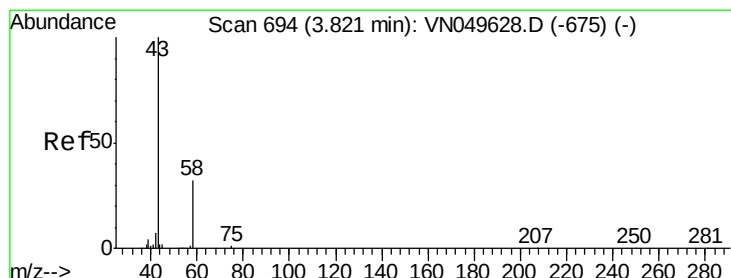
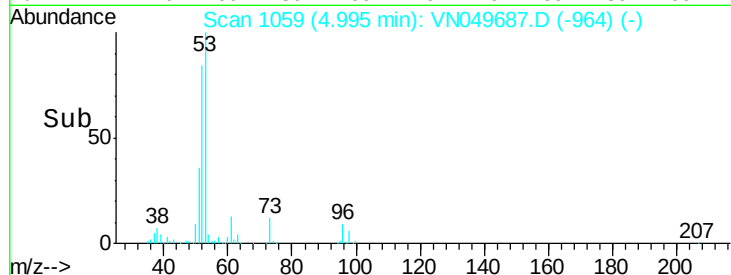
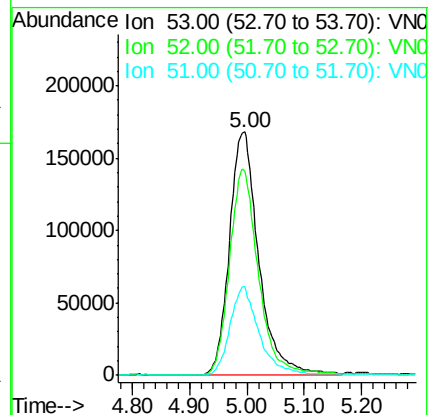
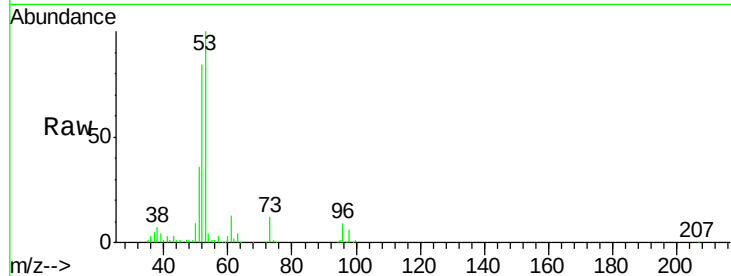
Tot Ion: 53 Resp: 599648

Ion Ratio Lower Upper

53 100

52 82.3 64.8 97.2

51 36.1 28.9 43.3



#16

Acetone

Concen: 149.06 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049687.D

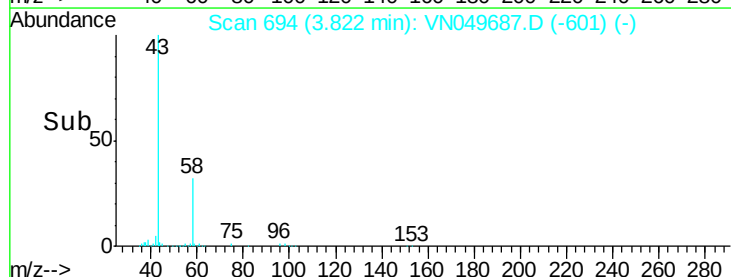
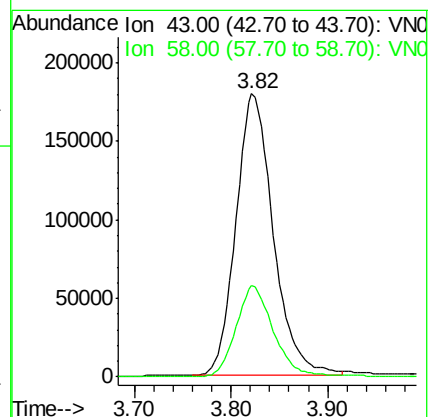
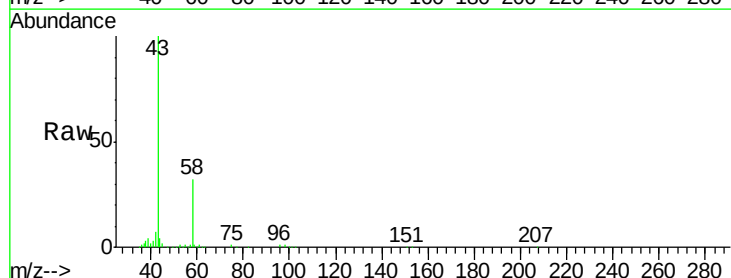
Acq: 3 Jul 2018 12:14

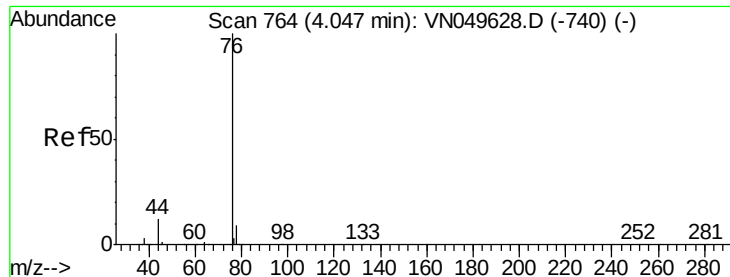
Tgt Ion: 43 Resp: 480996

Ion Ratio Lower Upper

43 100

58 32.2 25.9 38.9





#17

Carbon Disulfide

Concen: 20.71 ug/l

RT: 4.04 min Scan# 762

Delta R.T. -0.01 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :

MSVOA_N

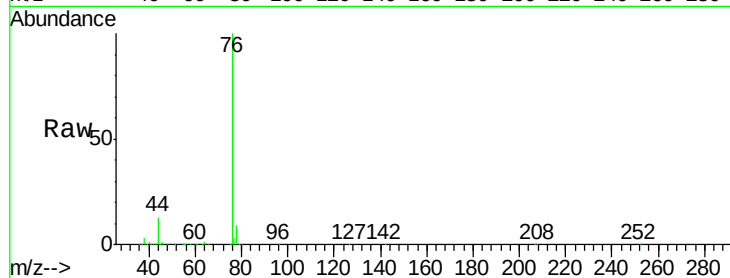
ClientSampled :

Tot Ion: 76 Resp: 805598

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.04

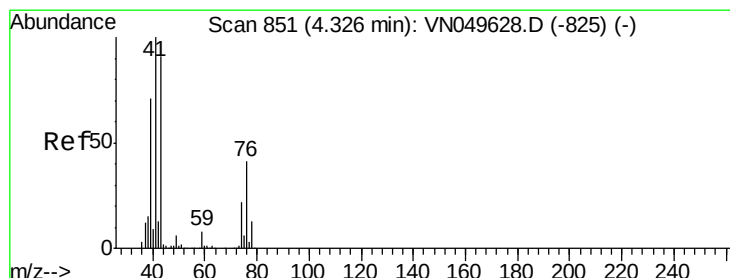
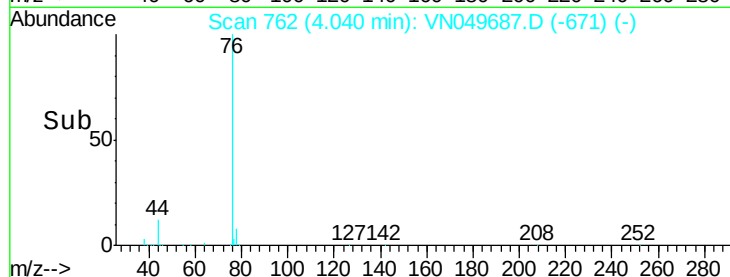
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 20.77 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049687.D

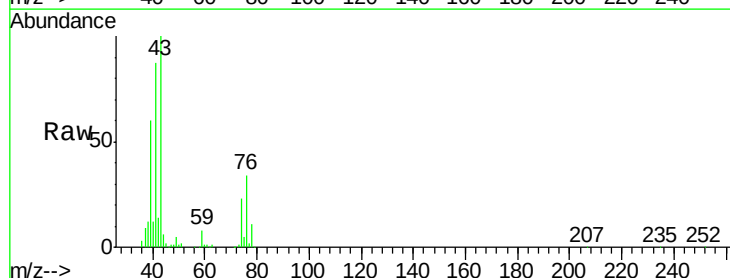
Acq: 3 Jul 2018 12:14

Tgt Ion: 43 Resp: 333826

Ion Ratio Lower Upper

43 100

74 23.9 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

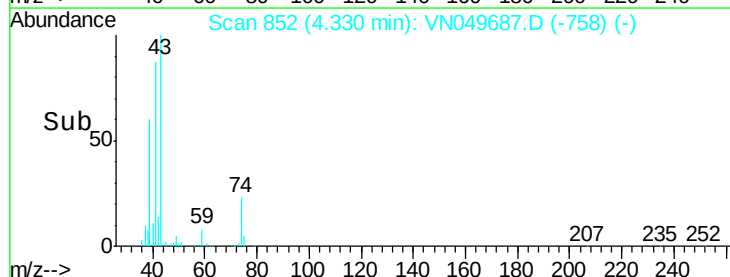
4.33

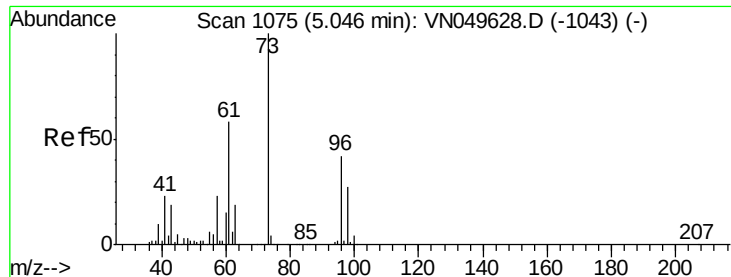
100000

50000

0

Time-->

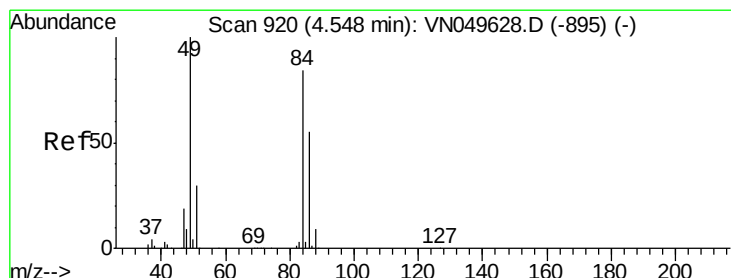
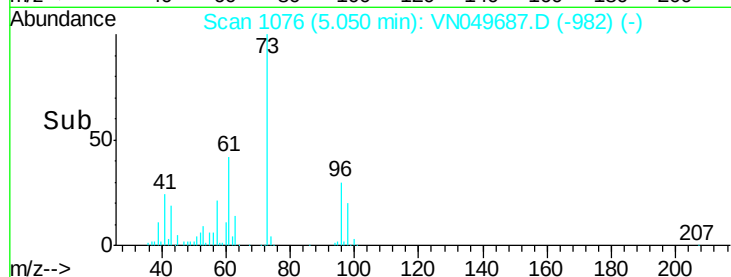
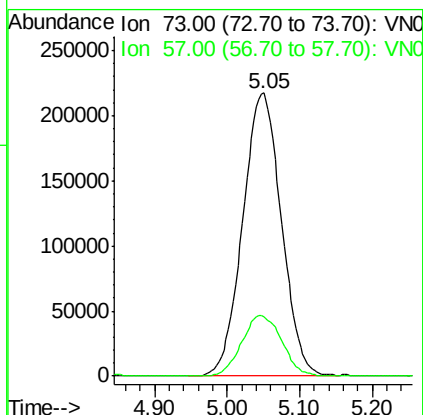
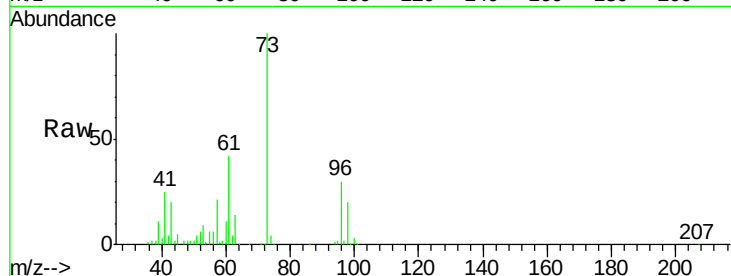




#19
Methyl tert-butyl Ether
Concen: 22.37 ug/l
RT: 5.05 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

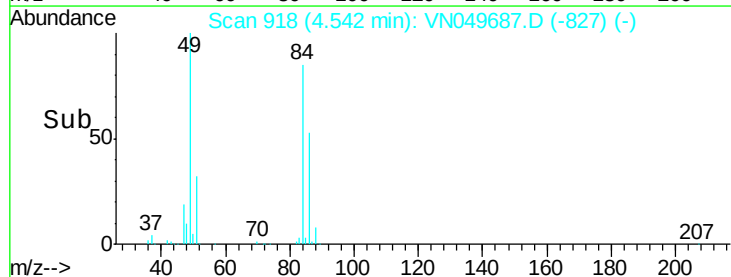
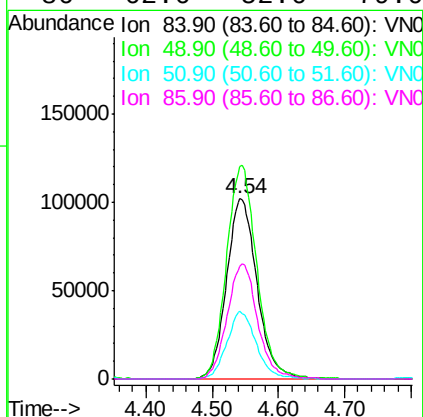
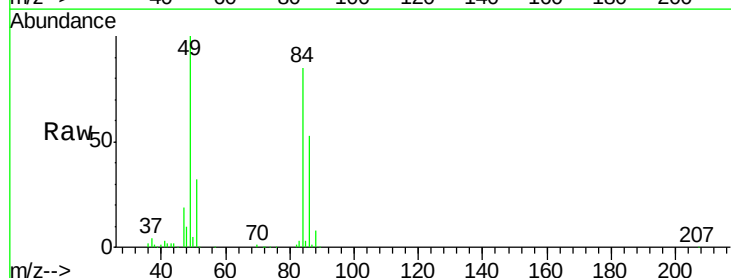
Instrument :
MSVOA_N
ClientSampled :

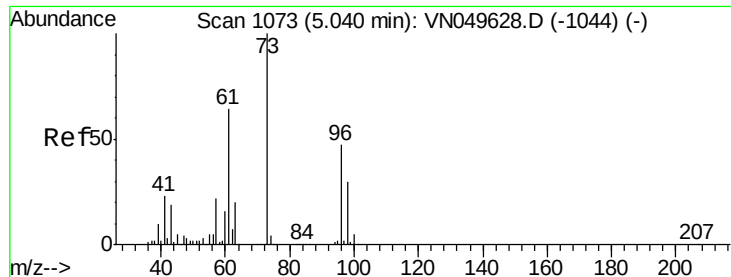
Tot Ion: 73 Resp: 806802
Ion Ratio Lower Upper
73 100
57 21.1 18.1 27.1



#20
Methylene Chloride
Concen: 20.17 ug/l
RT: 4.54 min Scan# 918
Delta R.T. -0.01 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Tgt Ion: 84 Resp: 326598
Ion Ratio Lower Upper
84 100
49 118.1 95.4 143.2
51 37.4 28.4 42.6
86 62.6 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 20.11 ug/l

RT: 5.03 min Scan# 1071

Delta R.T. -0.01 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :

MSVOA_N

ClientSampleId :

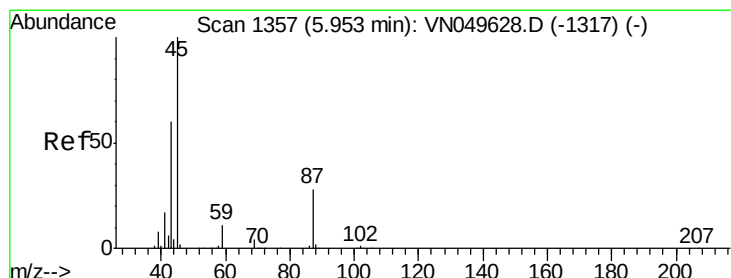
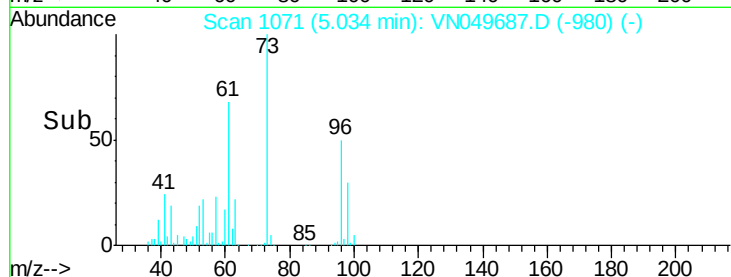
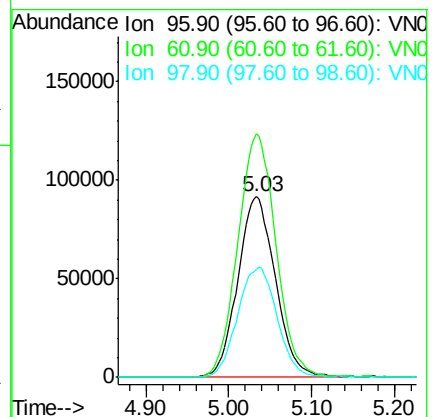
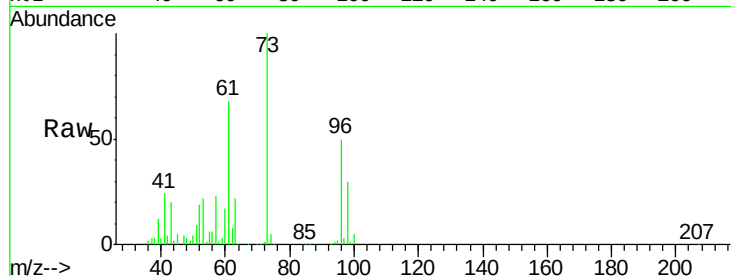
Tot Ion: 96 Resp: 289559

Ion Ratio Lower Upper

96 100

61 134.6 109.0 163.6

98 59.8 51.1 76.7



#22

Diisopropyl ether

Concen: 20.99 ug/l

RT: 5.95 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Tgt Ion: 45 Resp: 912543

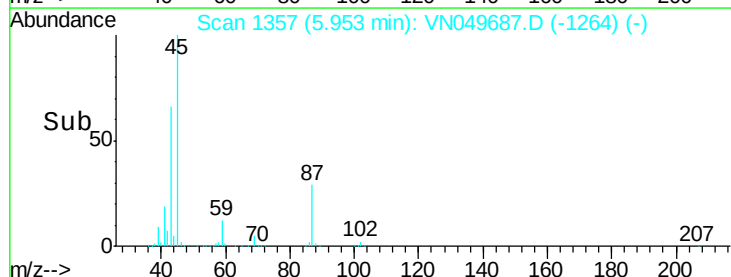
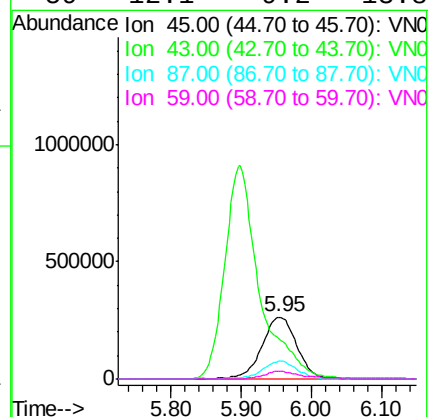
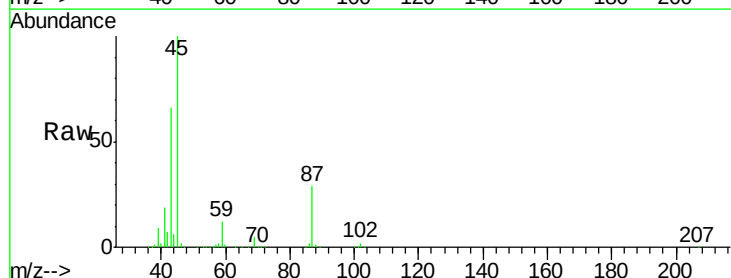
Ion Ratio Lower Upper

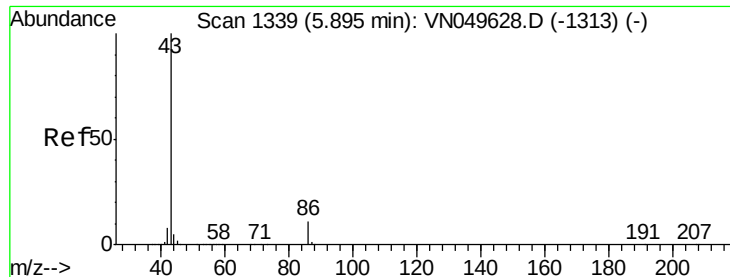
45 100

43 65.1 48.1 72.1

87 29.0 22.6 34.0

59 12.1 9.2 13.8





#23

Vinyl Acetate

Concen: 111.21 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

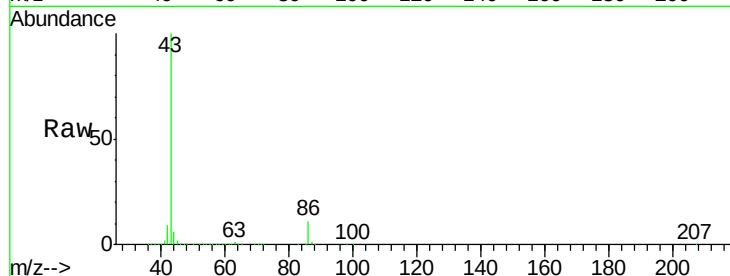
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 3135003

Ion Ratio Lower Upper

43 100

86 10.6 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN049687.D (-1246) (-)

Ion 86.00 (85.70 to 86.70): VN049687.D (-1246) (-)

5.90

1000000

800000

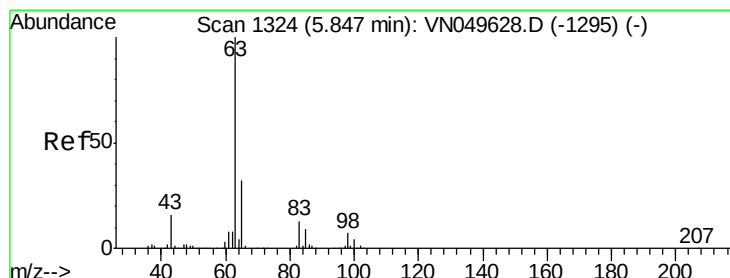
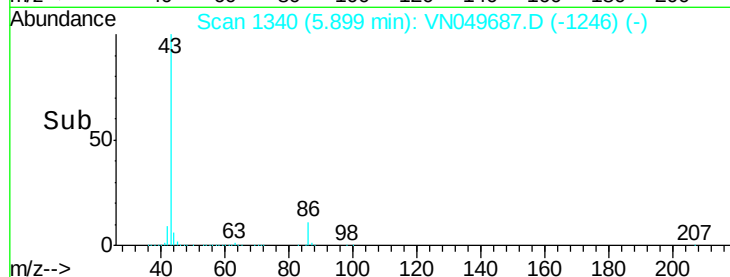
600000

400000

200000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 20.20 ug/l

RT: 5.84 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

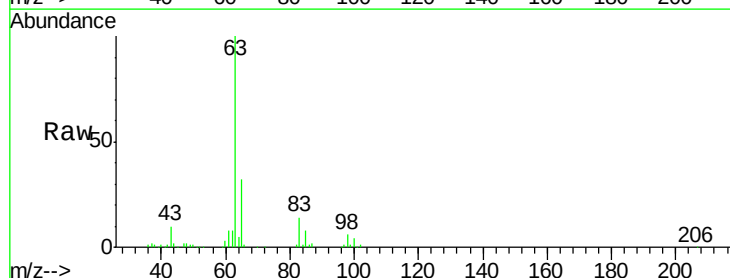
Tgt Ion: 63 Resp: 553288

Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

100 4.0 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN049687.D (-1231) (-)

Ion 97.90 (97.60 to 98.60): VN049687.D (-1231) (-)

Ion 99.90 (99.60 to 100.60): VN049687.D (-1231) (-)

5.84

200000

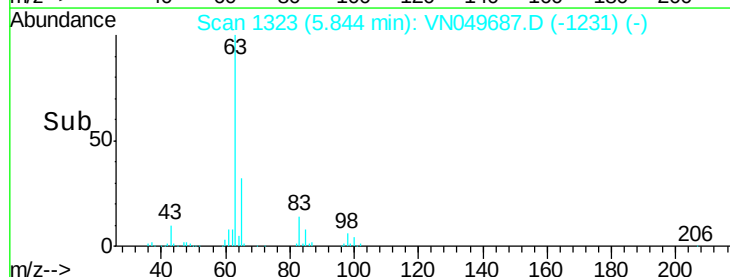
150000

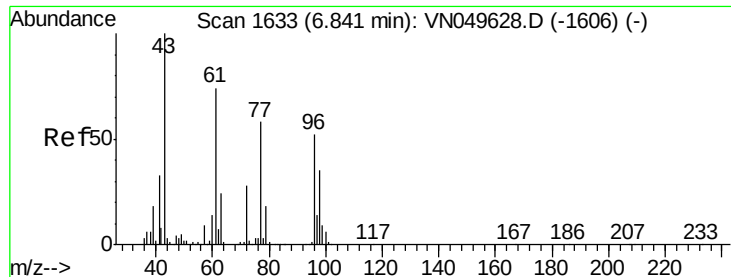
100000

50000

0

Time--> 5.70 5.80 5.90 6.00





#25

2-Butanone

Concen: 142.14 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

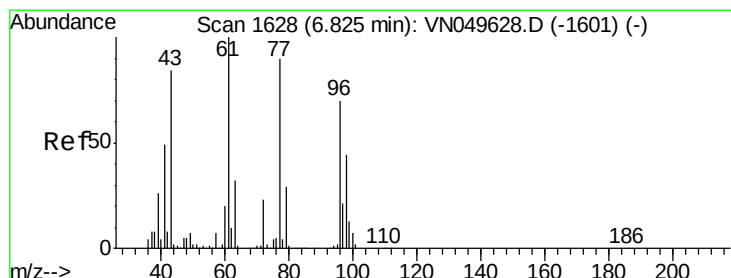
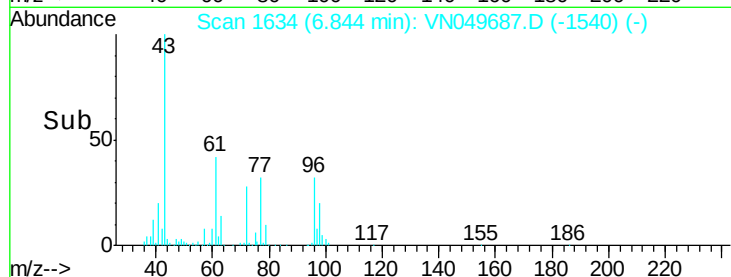
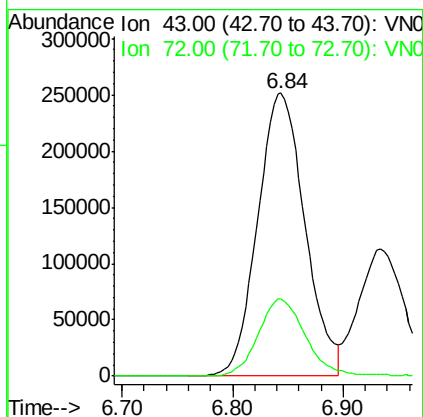
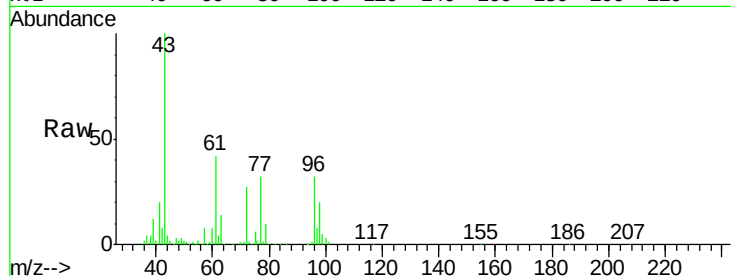
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 742137

Ion Ratio Lower Upper

43 100

72 27.5 22.1 33.1



#26

2,2-Dichloropropane

Concen: 20.40 ug/l

RT: 6.82 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VN049687.D

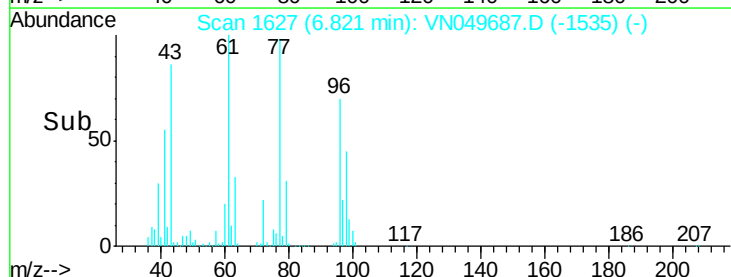
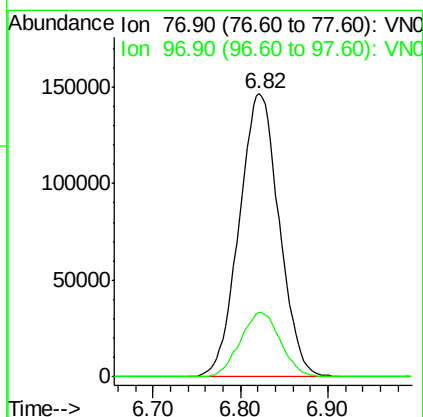
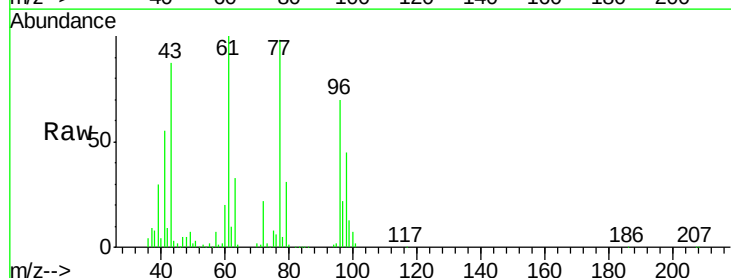
Acq: 3 Jul 2018 12:14

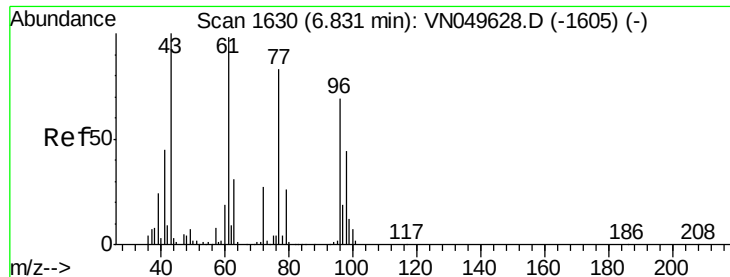
Tgt Ion: 77 Resp: 463998

Ion Ratio Lower Upper

77 100

97 23.1 11.9 35.5

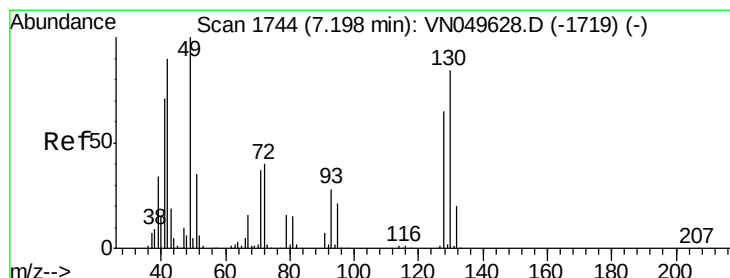
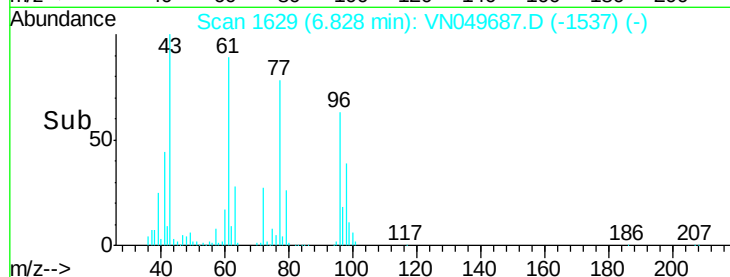
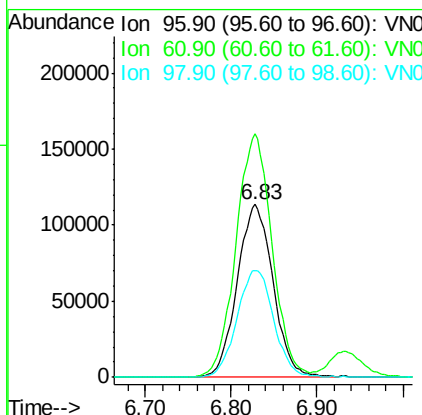
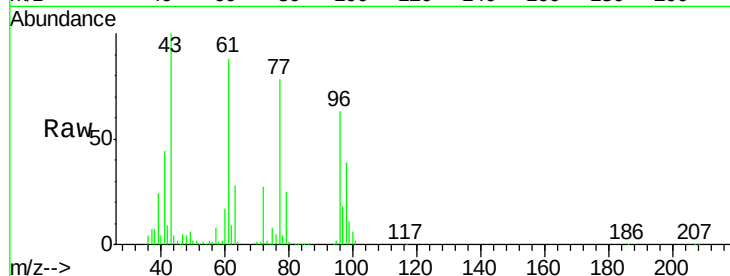




#27
 cis-1,2-Dichloroethene
 Concen: 20.51 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: VN049687.D
 Acq: 3 Jul 2018 12:14

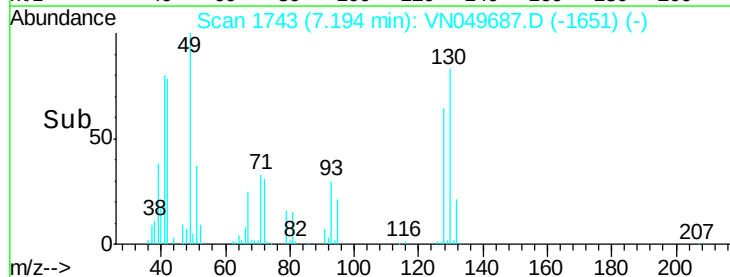
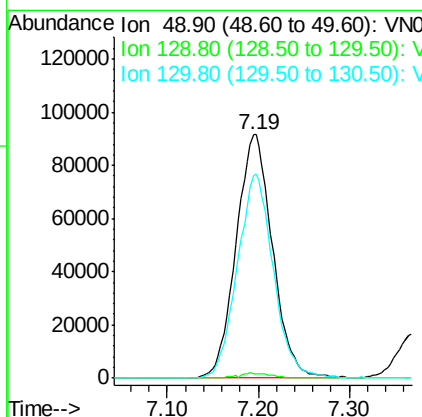
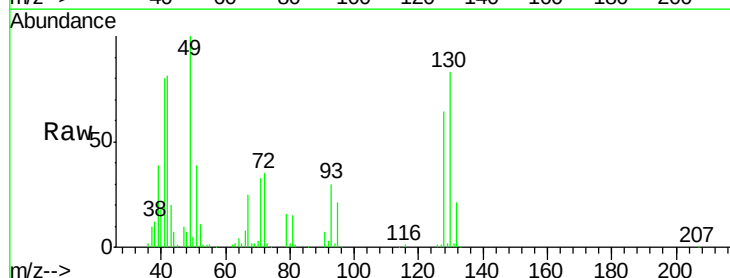
Instrument :
 MSVOA_N
 ClientSampled :

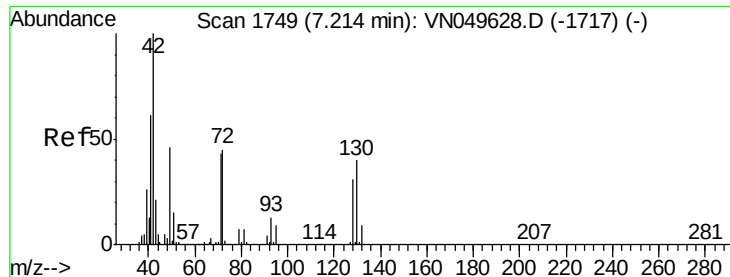
Tot Ion: 96 Resp: 329780
 Ion Ratio Lower Upper
 96 100
 61 141.6 0.0 289.0
 98 63.4 0.0 130.2



#28
 Bromochloromethane
 Concen: 21.88 ug/l
 RT: 7.19 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: VN049687.D
 Acq: 3 Jul 2018 12:14

Tgt Ion: 49 Resp: 254263
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.2
 130 83.0 65.5 98.3





#29

Tetrahydrofuran

Concen: 141.17 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :

MSVOA_N

ClientSampled :

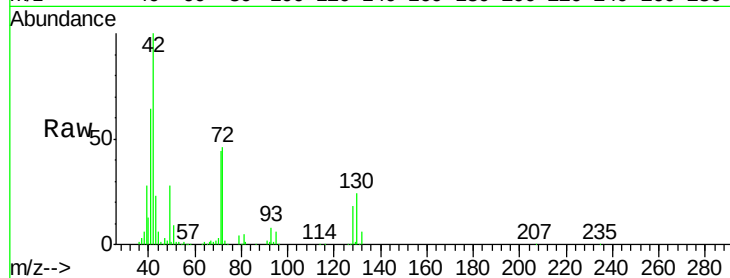
Tot Ion: 42 Resp: 469799

Ion Ratio Lower Upper

42 100

72 45.8 35.6 53.4

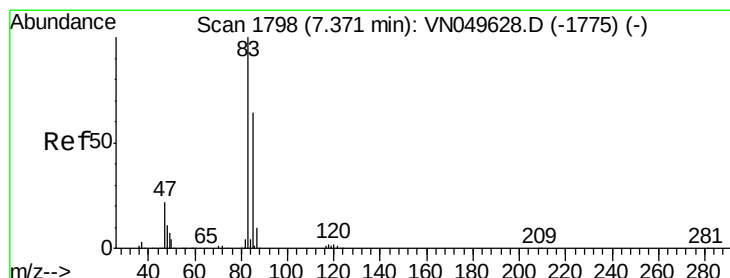
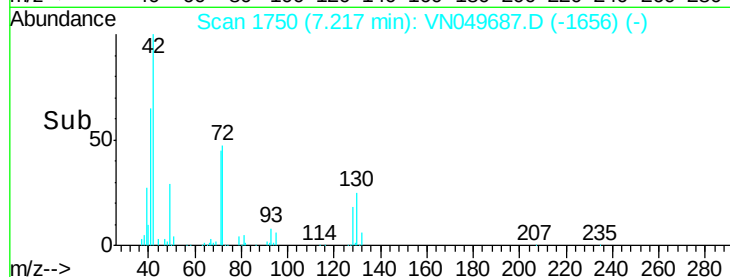
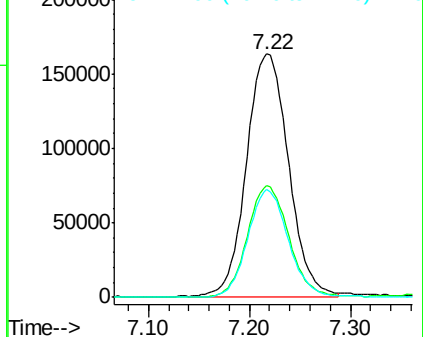
71 43.0 34.0 51.0



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: 20.24 ug/l

RT: 7.37 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VN049687.D

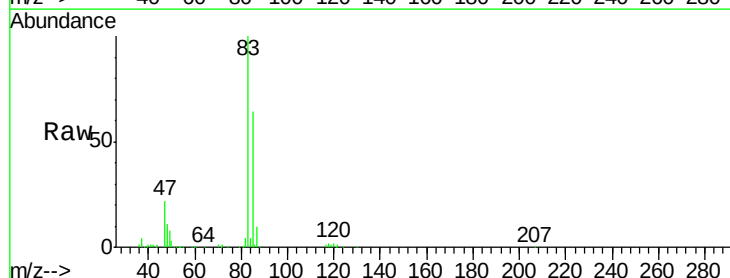
Acq: 3 Jul 2018 12:14

Tgt Ion: 83 Resp: 564918

Ion Ratio Lower Upper

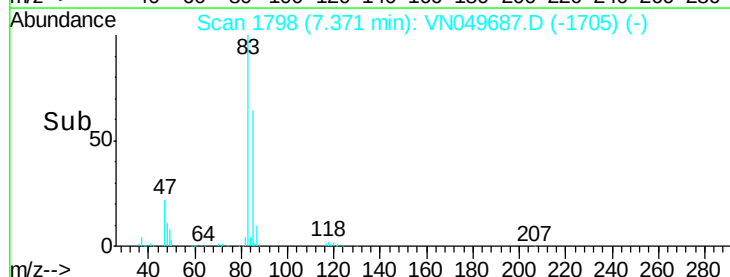
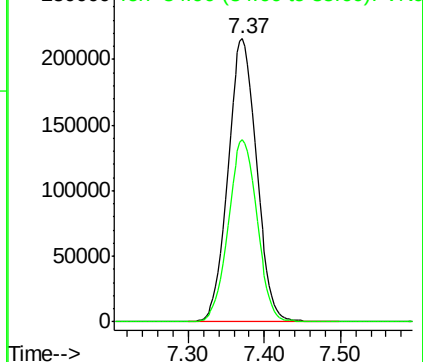
83 100

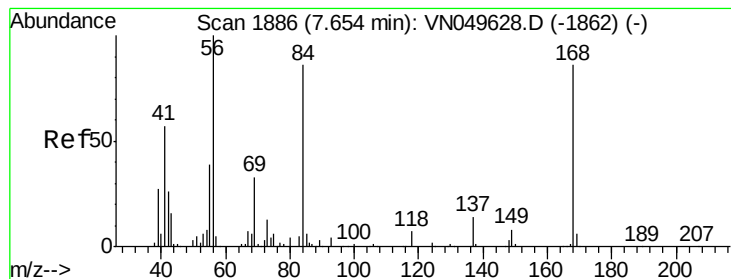
85 64.3 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 20.02 ug/l

RT: 7.65 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :
MSVOA_N
ClientSampled :

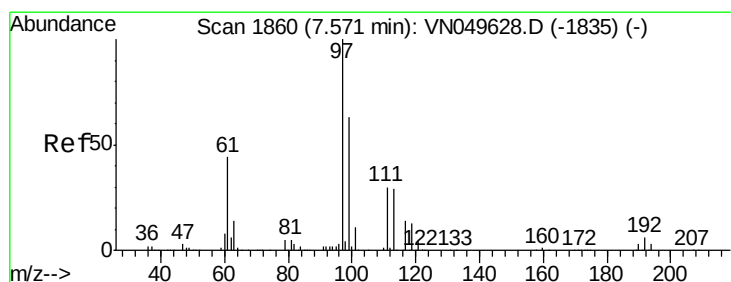
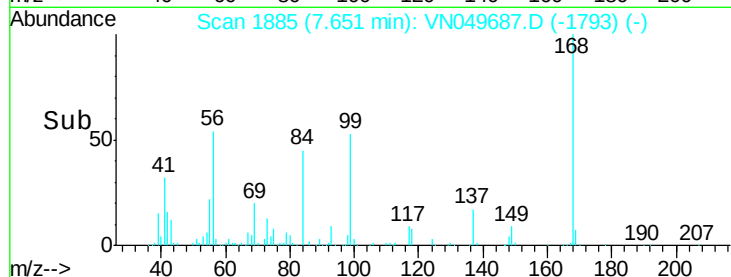
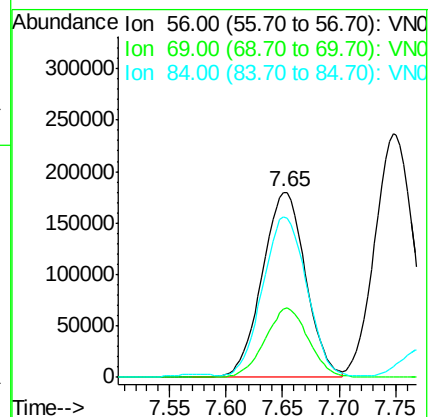
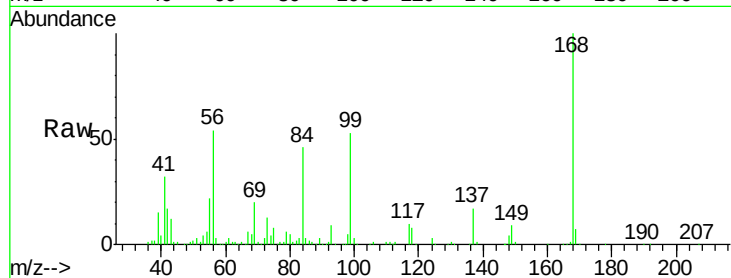
Tot Ion: 56 Resp: 480385

Ion Ratio Lower Upper

56 100

69 36.9 26.6 40.0

84 84.9 69.0 103.6



#32

1,1,1-Trichloroethane

Concen: 20.14 ug/l

RT: 7.57 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

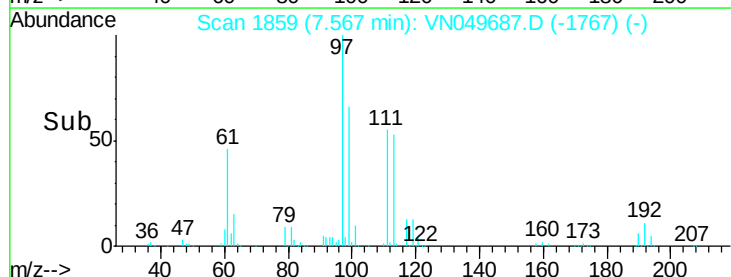
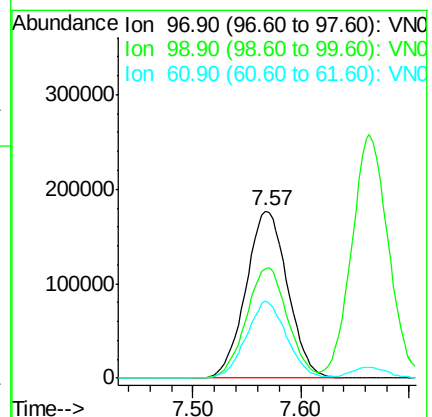
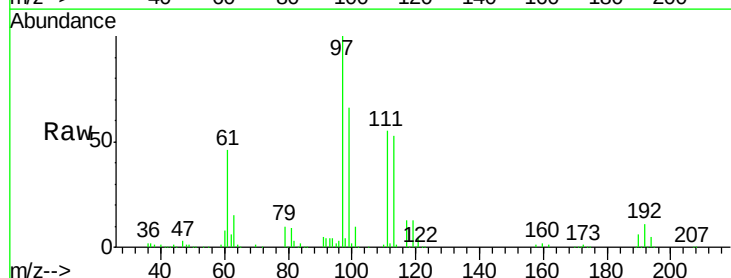
Tgt Ion: 97 Resp: 475971

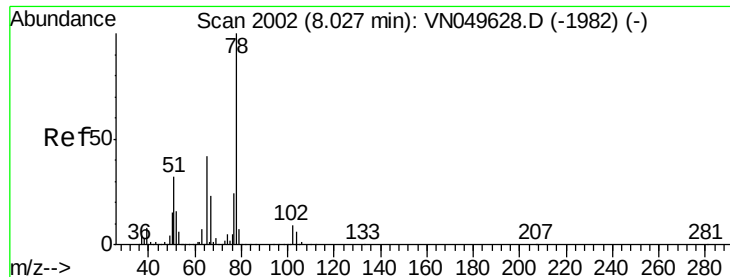
Ion Ratio Lower Upper

97 100

99 65.2 51.0 76.4

61 44.5 35.5 53.3

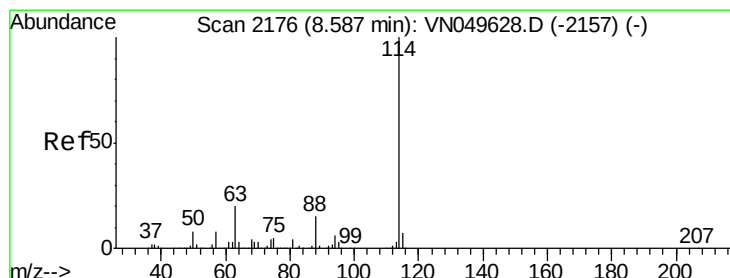
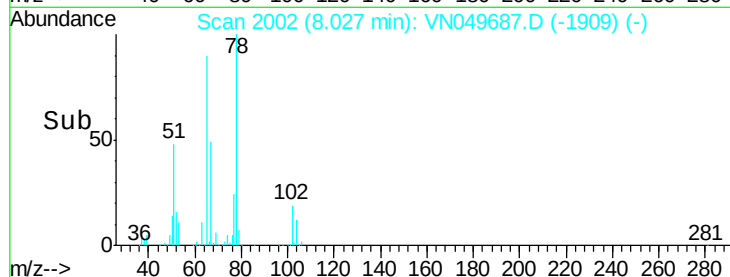
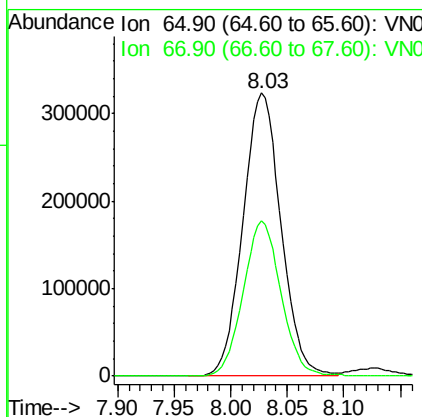
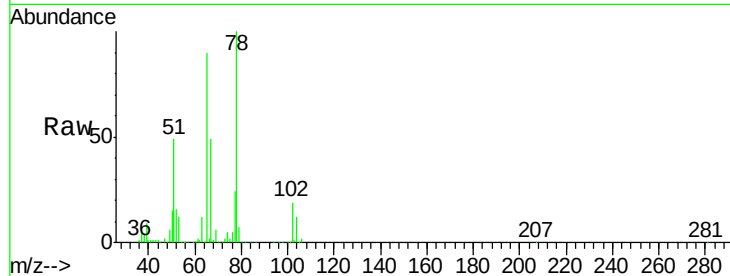




#33
 1,2-Dichloroethane-d4
 Concen: 48.31 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049687.D
 Acq: 3 Jul 2018 12:14

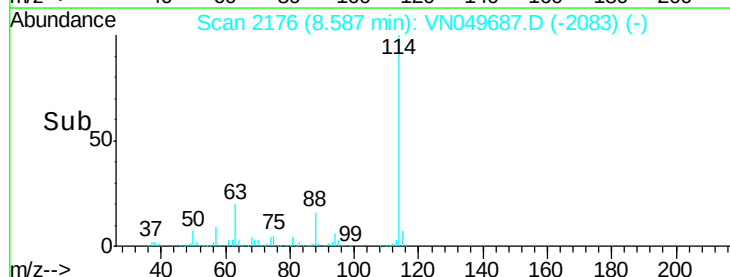
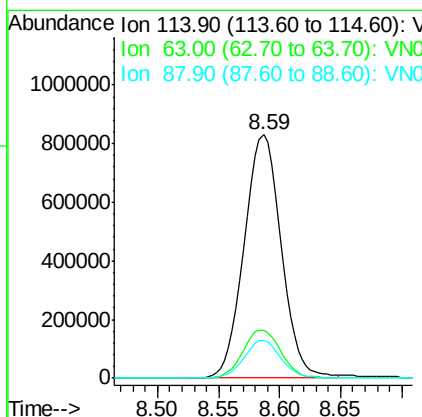
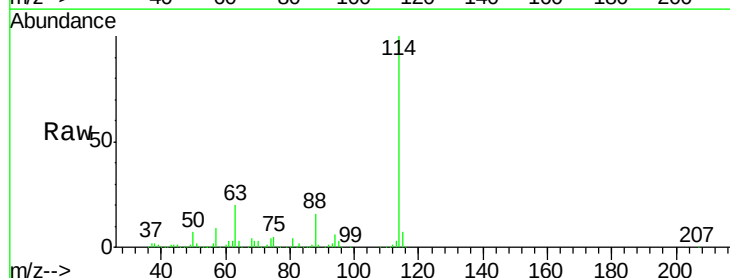
Instrument :
 MSVOA_N
 ClientSampled :

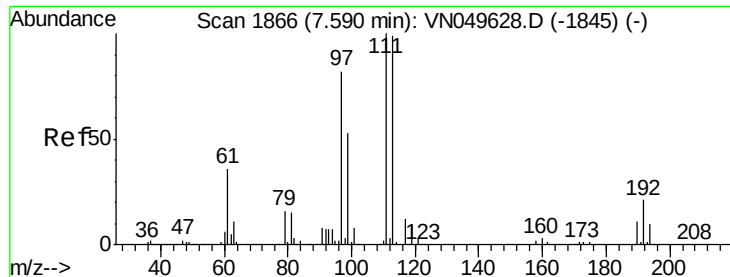
Tot Ion: 65 Resp: 759774
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049687.D
 Acq: 3 Jul 2018 12:14

Tgt Ion: 114 Resp: 1745998
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 15.5 0.0 30.6

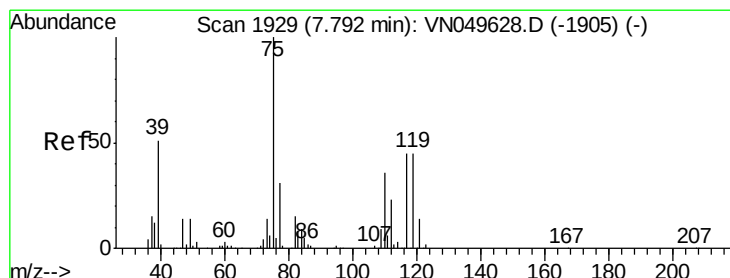
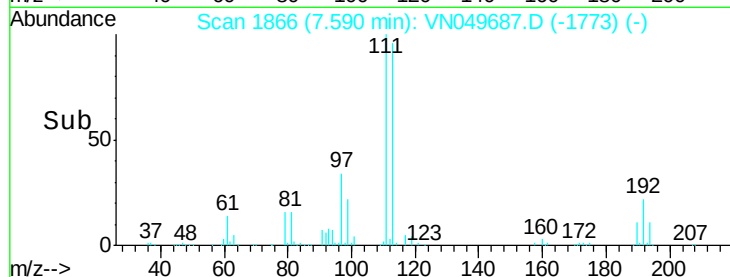
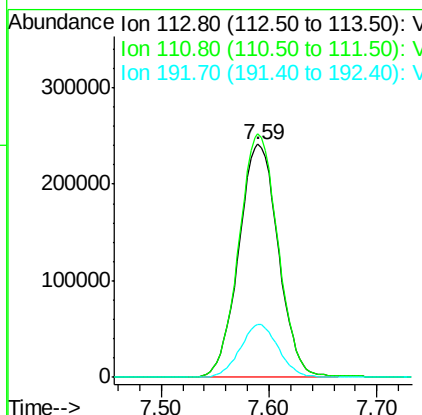
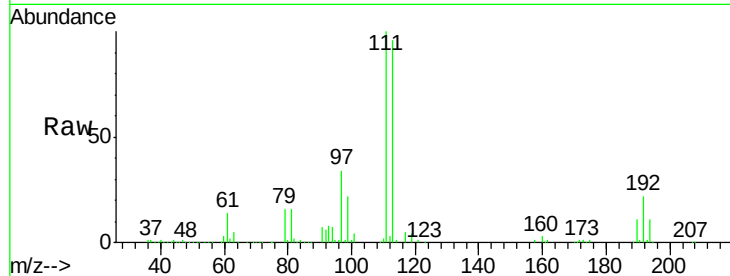




#35
 Dibromofluoromethane
 Concen: 47.23 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. 0.00 min
 Lab File: VN049687.D
 Acq: 3 Jul 2018 12:14

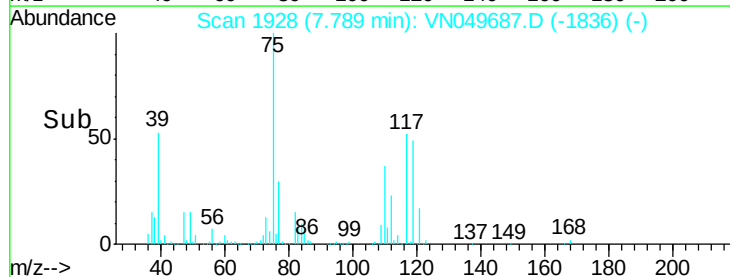
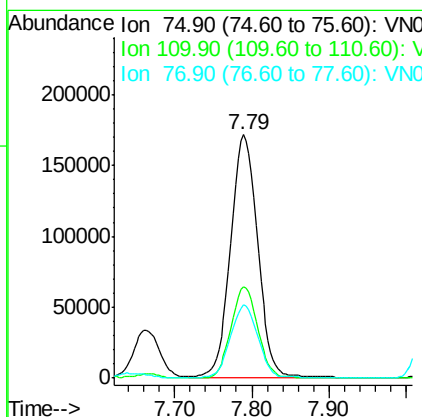
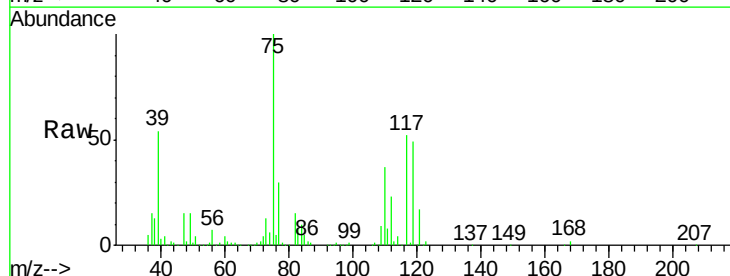
Instrument :
 MSVOA_N
 ClientSampled :

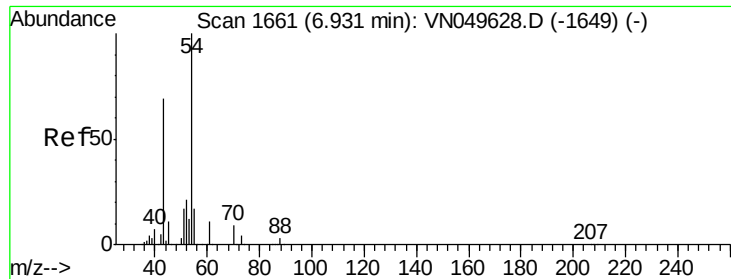
Tot Ion:113 Resp: 616443
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.8 122.8
 192 22.2 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 21.10 ug/l
 RT: 7.79 min Scan# 1928
 Delta R.T. -0.00 min
 Lab File: VN049687.D
 Acq: 3 Jul 2018 12:14

Tgt Ion: 75 Resp: 414411
 Ion Ratio Lower Upper
 75 100
 110 37.1 18.1 54.4
 77 30.4 24.9 37.3

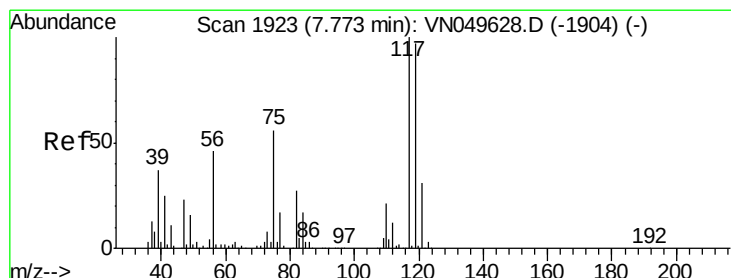
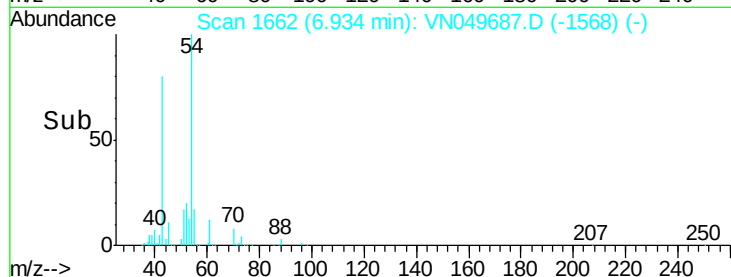
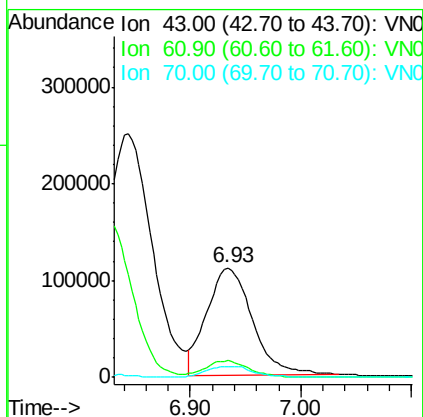
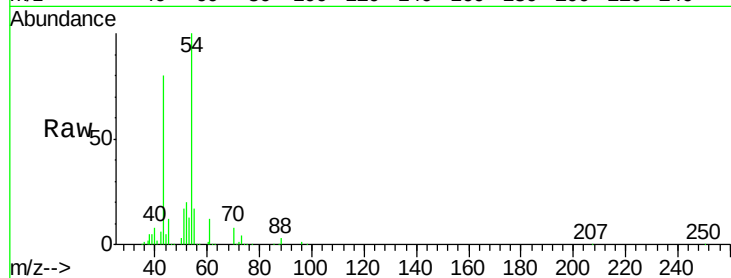




#37
Ethyl Acetate
Concen: 28.00 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

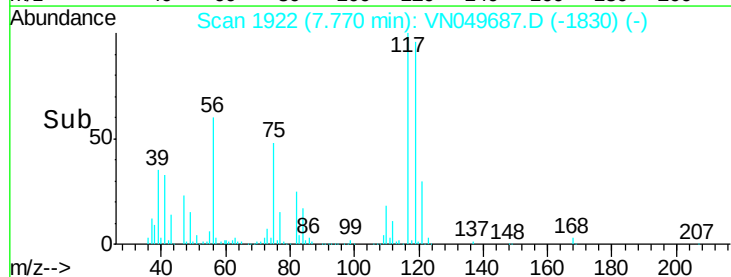
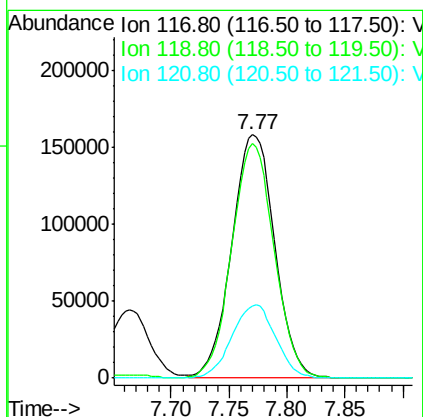
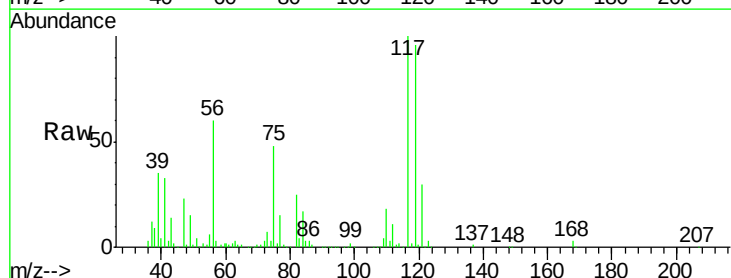
Instrument :
MSVOA_N
ClientSampleId :

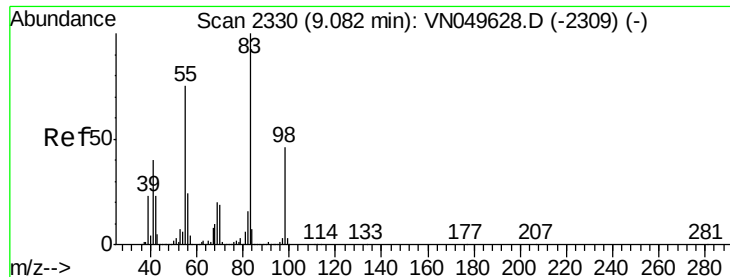
Tot Ion: 43 Resp: 320824
Ion Ratio Lower Upper
43 100
61 14.2 11.7 17.5
70 10.1 8.4 12.6



#38
Carbon Tetrachloride
Concen: 21.28 ug/l
RT: 7.77 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Tgt Ion: 117 Resp: 406567
Ion Ratio Lower Upper
117 100
119 96.4 77.2 115.8
121 29.8 25.0 37.6

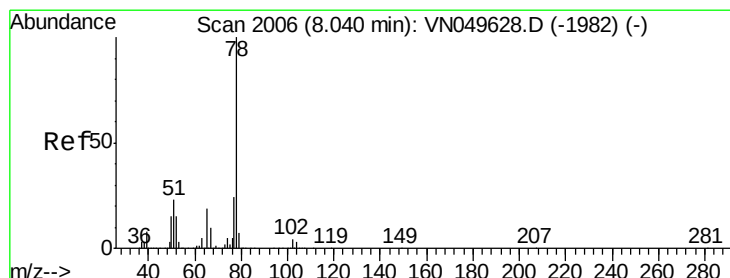
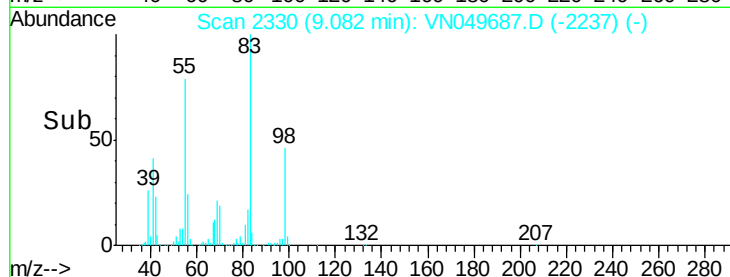
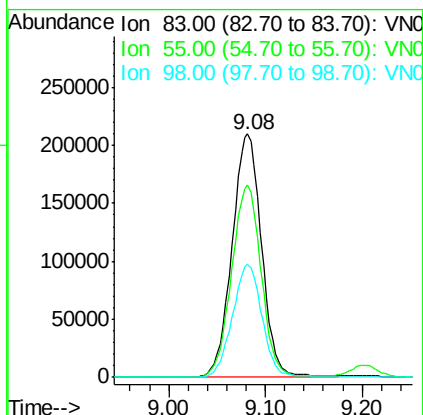
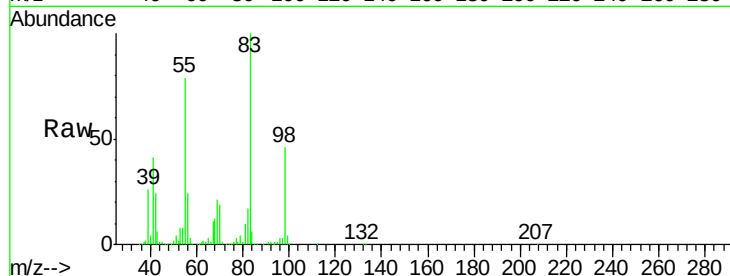




#39
Methylvlcyclohexane
Concen: 20.66 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

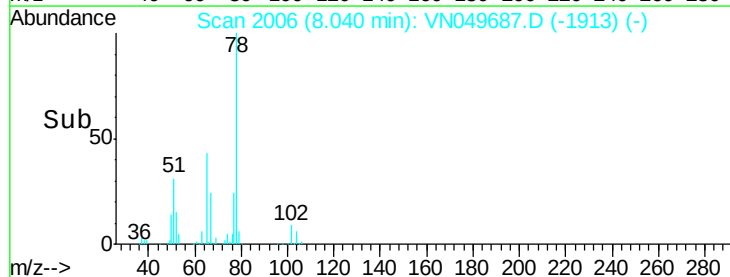
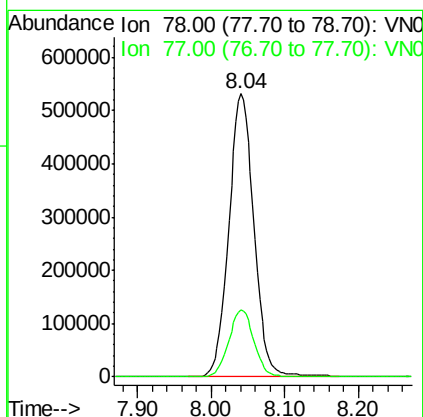
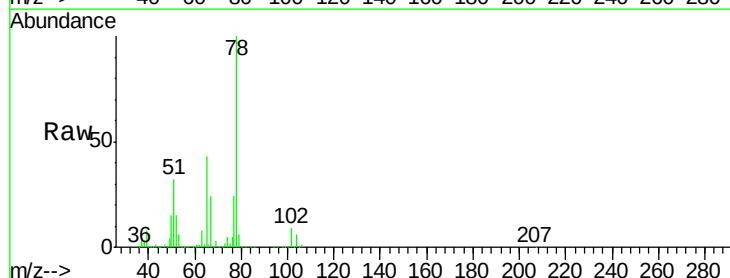
Instrument :
MSVOA_N
ClientSampled :

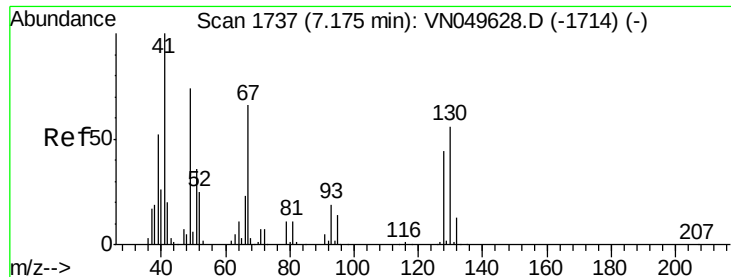
Tot Ion: 83 Resp: 445036
Ion Ratio Lower Upper
83 100
55 78.8 59.7 89.5
98 46.2 36.5 54.7



#40
Benzene
Concen: 20.94 ug/l
RT: 8.04 min Scan# 2006
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Tgt Ion: 78 Resp: 1256106
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4

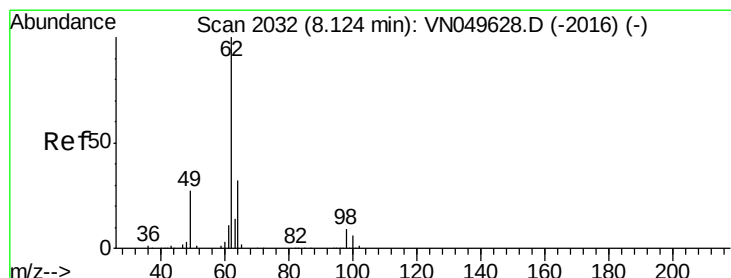
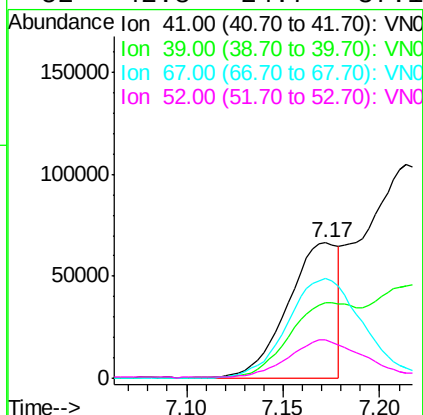
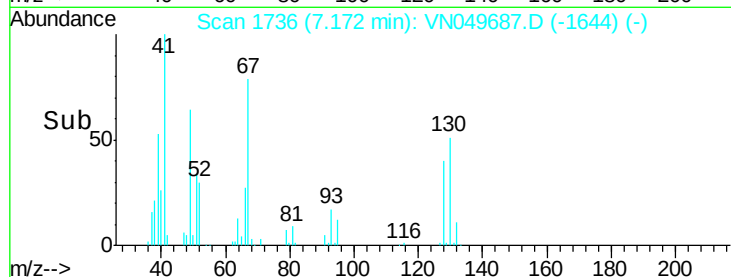
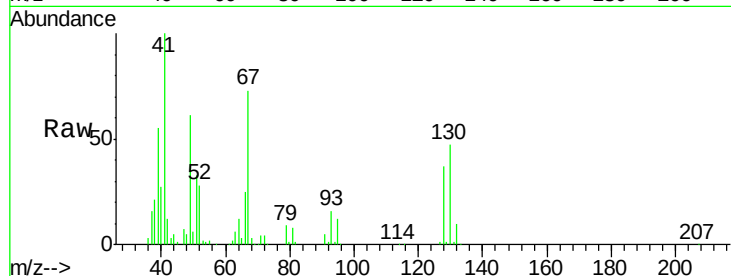




#41
Methacrylonitrile
Concen: 18.50 ug/l
RT: 7.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

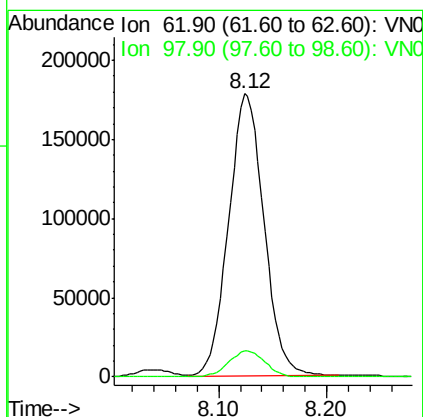
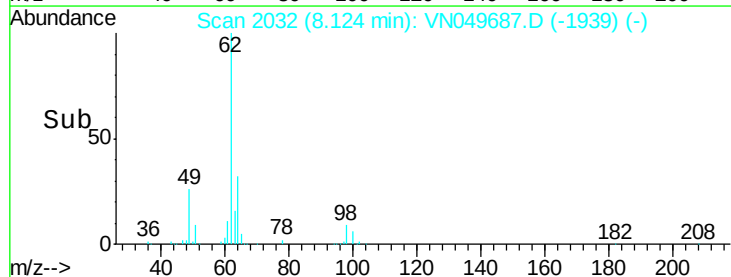
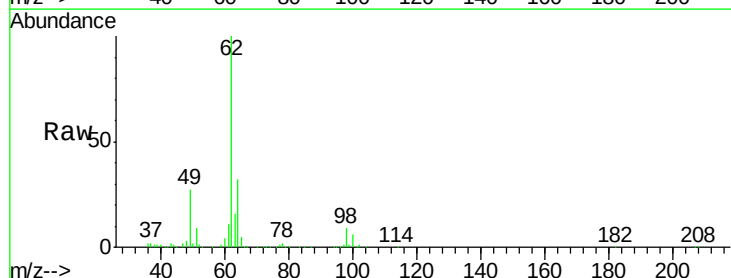
Instrument :
MSVOA_N
ClientSampled :

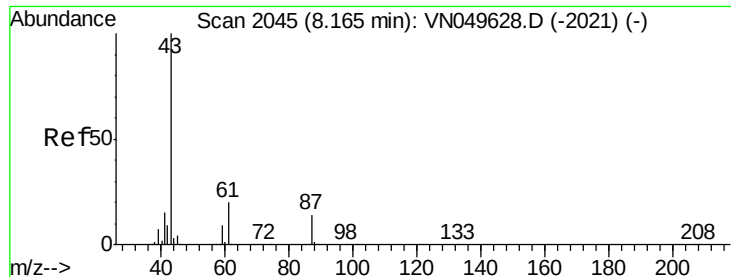
Tot Ion: 41 Resp: 119511
Ion Ratio Lower Upper
41 100
39 77.4 45.4 68.2#
67 113.8 65.4 98.0#
52 42.8 24.7 37.1#



#42
1,2-Dichloroethane
Concen: 21.31 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Tgt Ion: 62 Resp: 407888
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.0





#43

Isopropyl Acetate

Concen: 25.52 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :

MSVOA_N

ClientSampled :

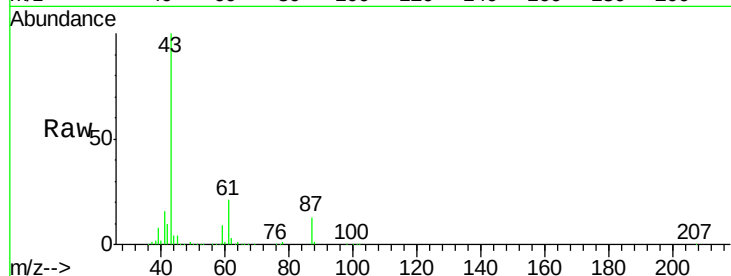
Tot Ion: 43 Resp: 587111

Ion Ratio Lower Upper

43 100

61 18.3 14.9 22.3

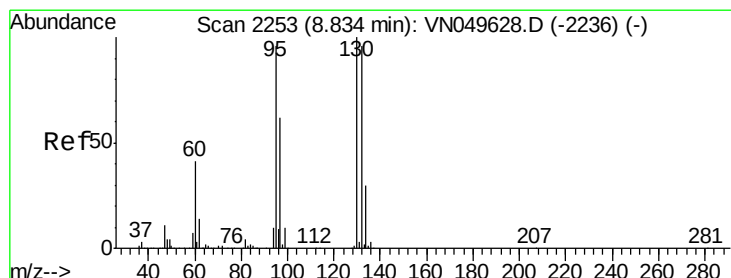
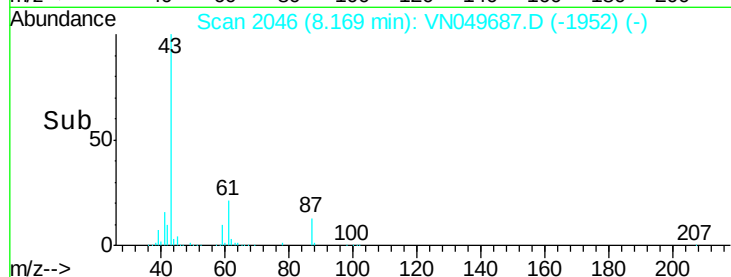
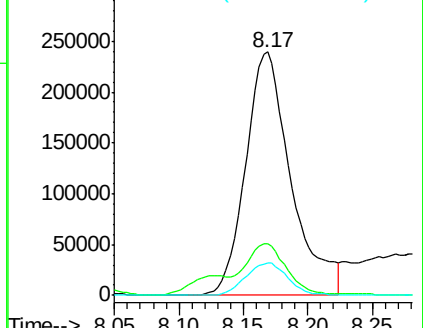
87 12.3 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VN049628.D (-2021) (-)

Ion 61.00 (60.70 to 61.70): VN049628.D (-2021) (-)

Ion 87.00 (86.70 to 87.70): VN049628.D (-2021) (-)



#44

Trichloroethene

Concen: 19.74 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049687.D

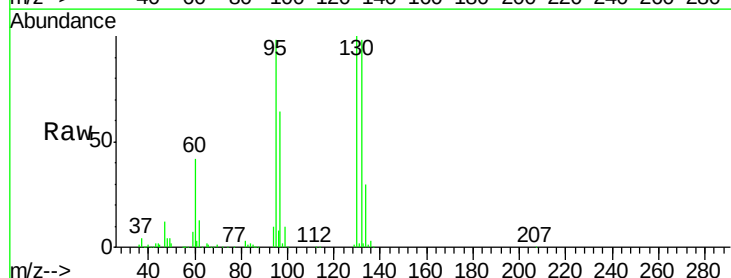
Acq: 3 Jul 2018 12:14

Tgt Ion:130 Resp: 357164

Ion Ratio Lower Upper

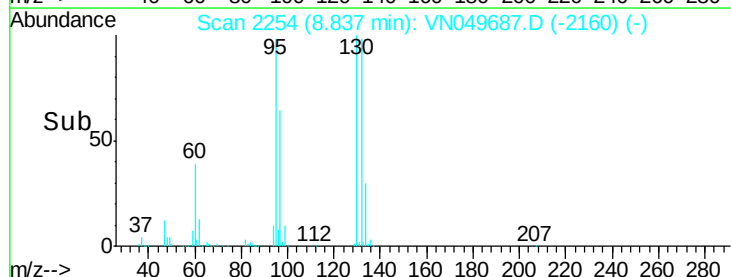
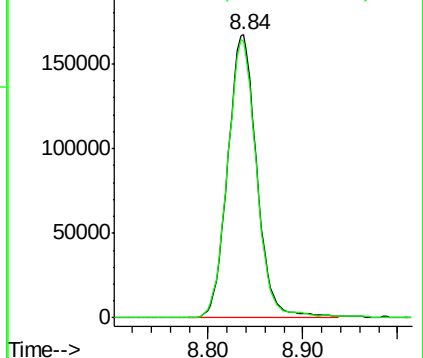
130 100

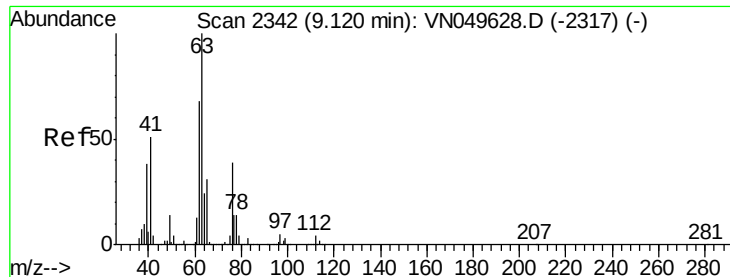
95 98.0 0.0 192.8



Abundance Ion 129.80 (129.50 to 130.50): VN049628.D (-2236) (-)

Ion 94.90 (94.60 to 95.60): VN049628.D (-2236) (-)

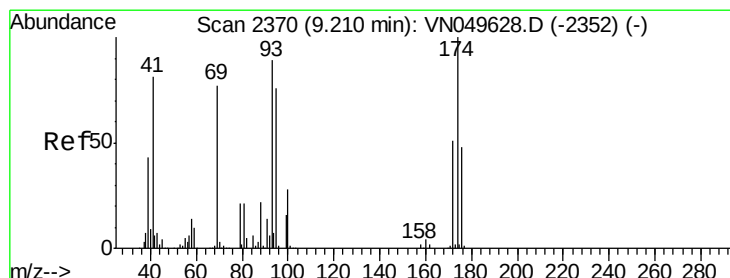
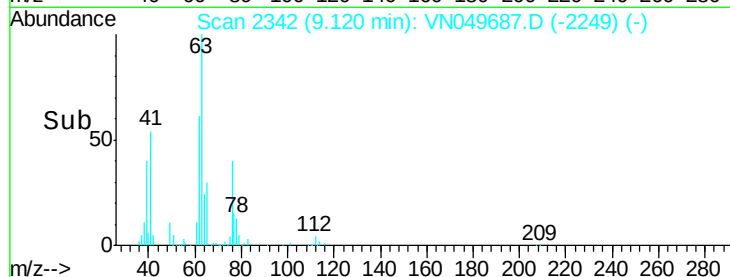
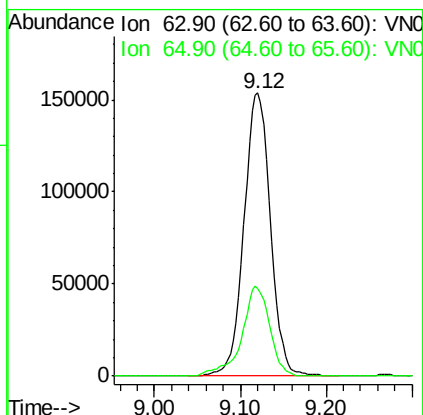
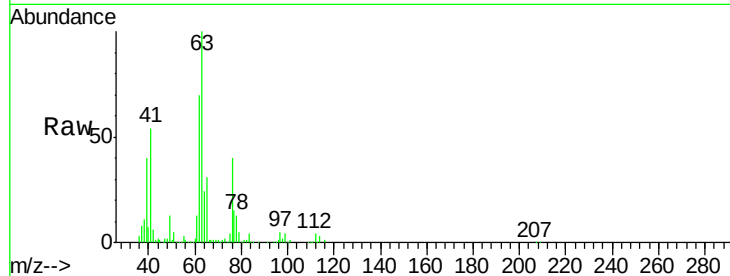




#45
 1,2-Dichloropropane
 Concen: 21.26 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN049687.D
 Acq: 3 Jul 2018 12:14

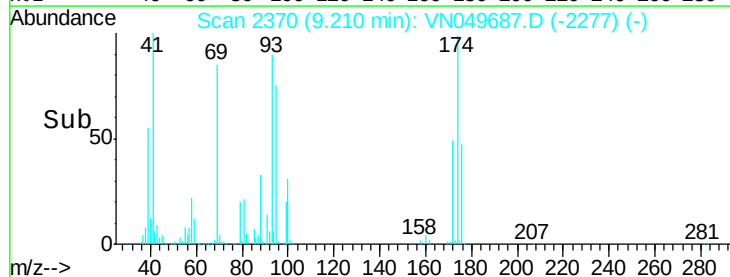
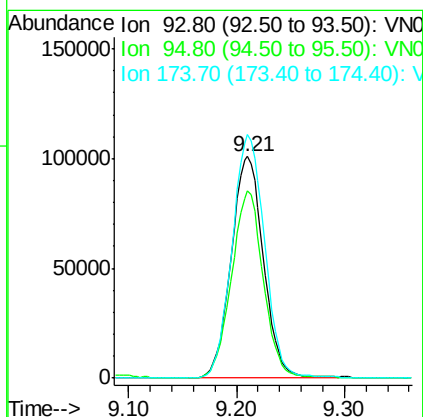
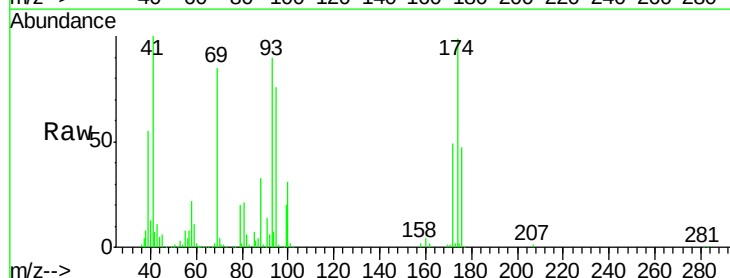
Instrument :
 MSVOA_N
 ClientSampleId :

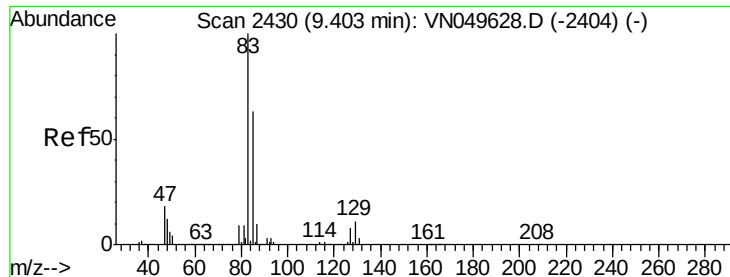
Tot Ion: 63 Resp: 329537
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.7 37.1



#46
 Dibromomethane
 Concen: 22.49 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: VN049687.D
 Acq: 3 Jul 2018 12:14

Tgt Ion: 93 Resp: 210889
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.9 101.9
 174 110.3 89.4 134.0





#47

Bromodichloromethane

Concen: 21.18 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :

MSVOA_N

ClientSampled :

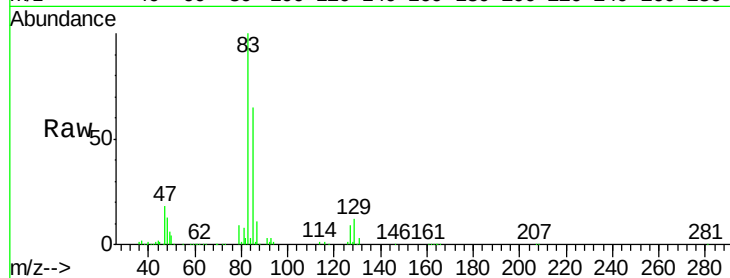
Tot Ion: 83 Resp: 422789

Ion Ratio Lower Upper

83 100

85 65.5 50.5 75.7

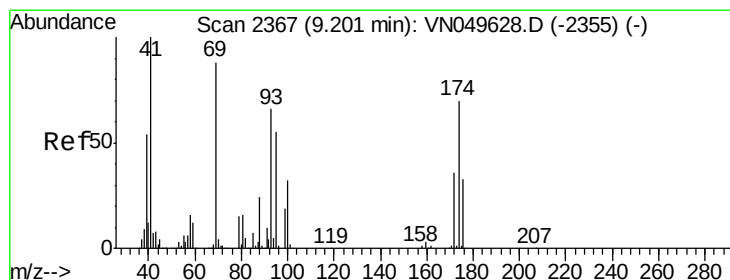
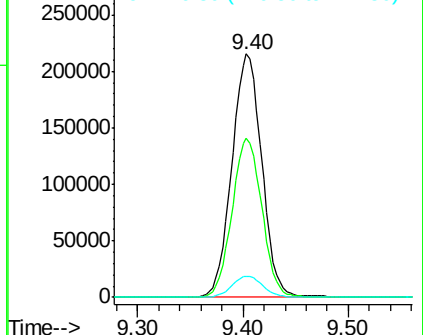
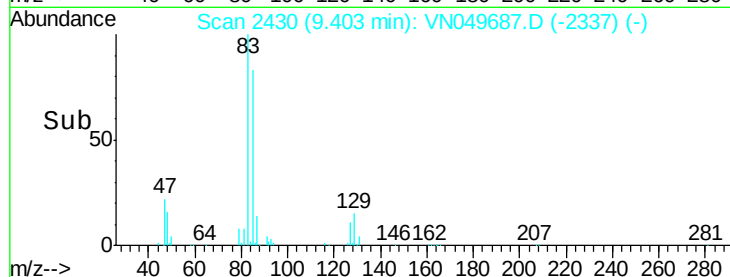
127 8.7 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN049687.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049687.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049687.D (-2337) (-)



#48

Methyl methacrylate

Concen: 26.31 ug/l

RT: 9.20 min Scan# 2367

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

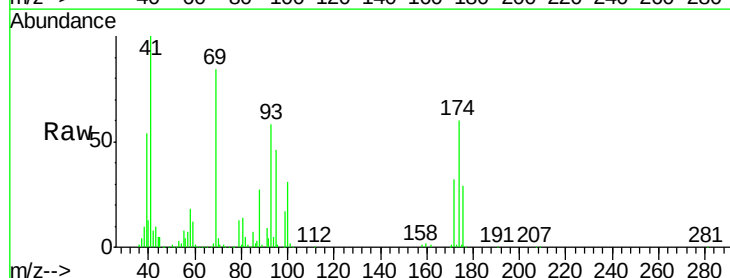
Tgt Ion: 41 Resp: 267891

Ion Ratio Lower Upper

41 100

69 86.8 71.5 107.3

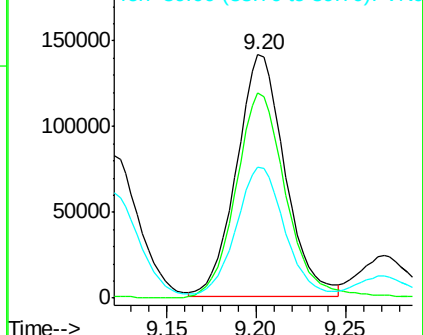
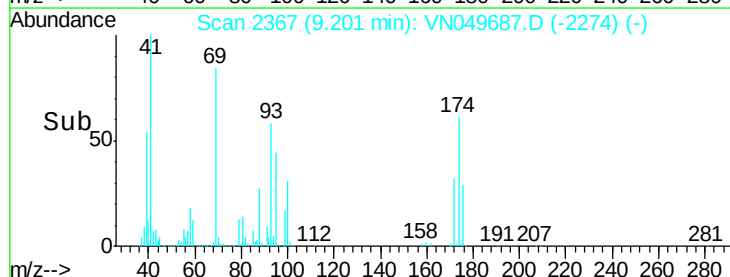
39 54.1 44.7 67.1

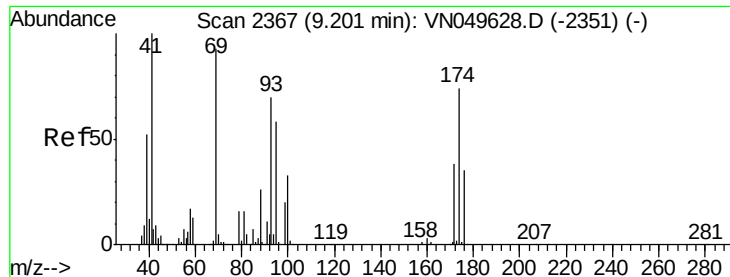


Abundance Ion 41.00 (40.70 to 41.70): VN049687.D (-2274) (-)

Ion 69.00 (68.70 to 69.70): VN049687.D (-2274) (-)

Ion 39.00 (38.70 to 39.70): VN049687.D (-2274) (-)

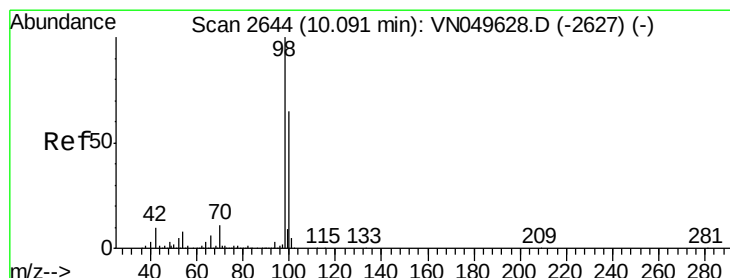
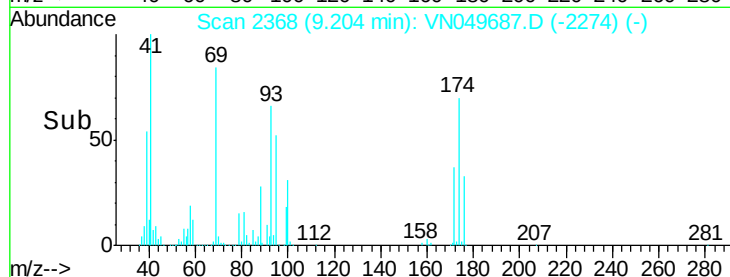
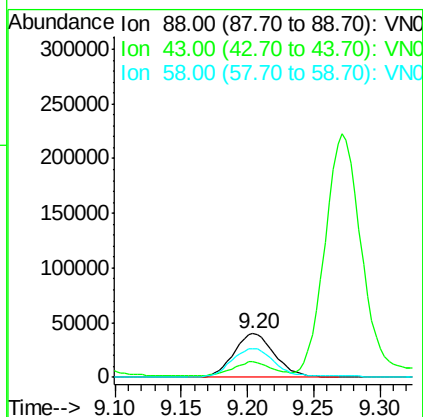
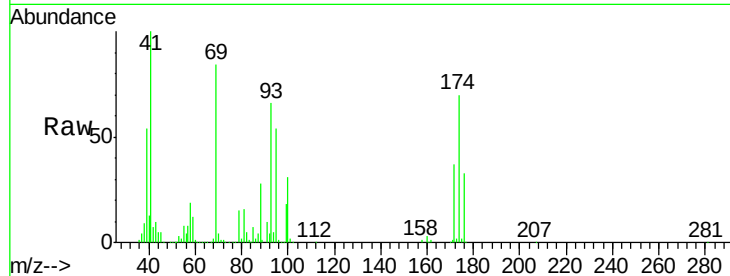




#49
1,4-Dioxane
Concen: 627.89 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

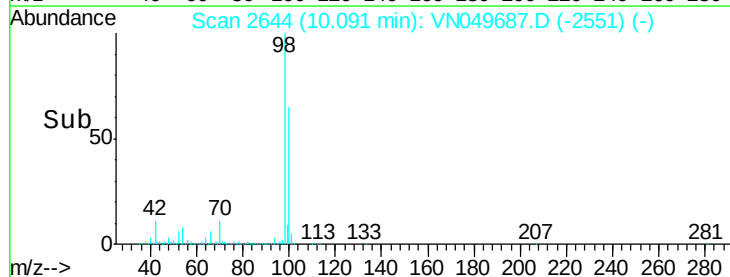
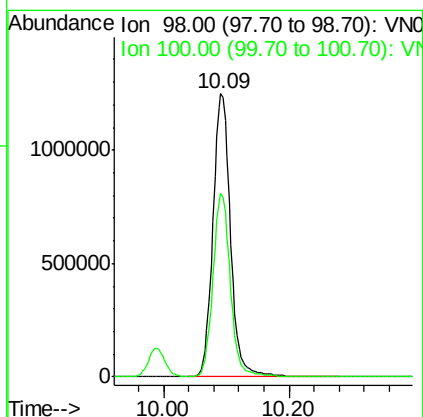
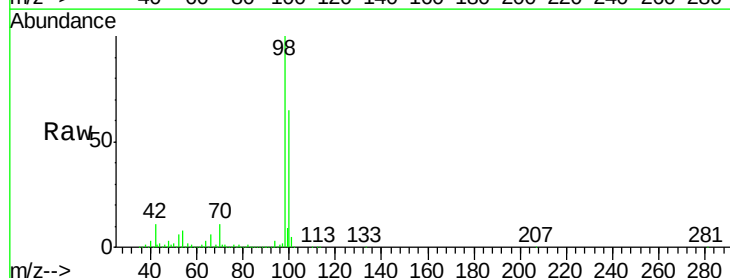
Instrument :
MSVOA_N
ClientSampleId :

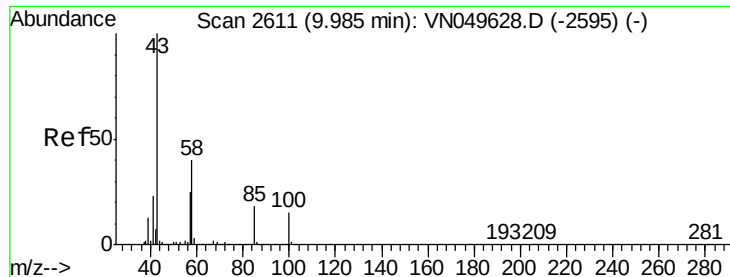
Tot Ion: 88 Resp: 85945
Ion Ratio Lower Upper
88 100
43 30.8 25.1 37.7
58 69.5 52.5 78.7



#50
Toluene-d8
Concen: 47.57 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Tgt Ion: 98 Resp: 2430613
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 144.72 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :

MSVOA_N

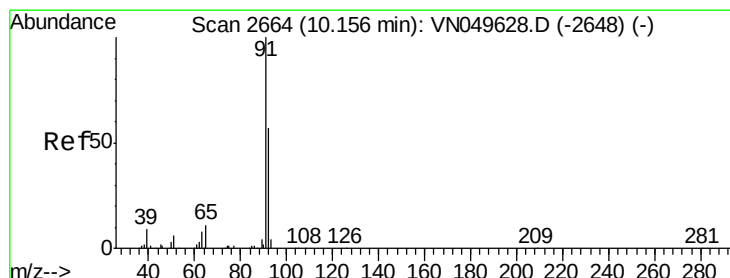
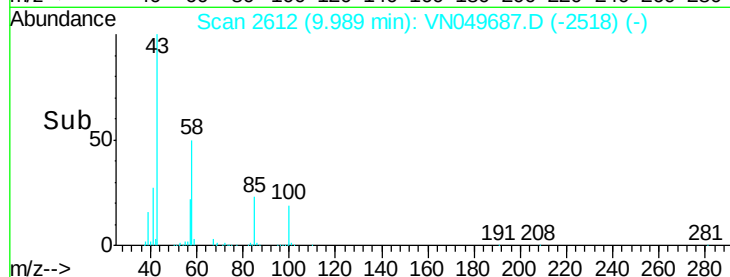
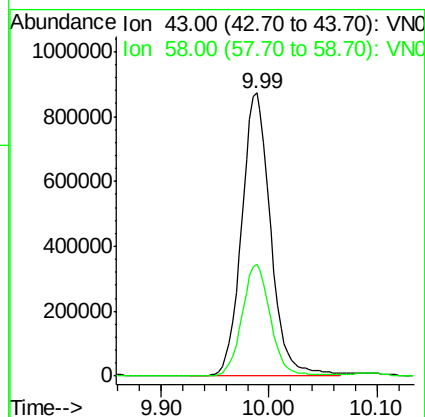
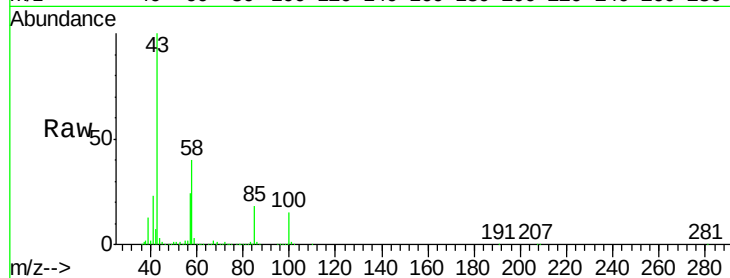
ClientSampled :

Tot Ion: 43 Resp: 1625689

Ion Ratio Lower Upper

43 100

58 39.1 31.8 47.8



#52

Toluene

Concen: 21.39 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. 0.00 min

Lab File: VN049687.D

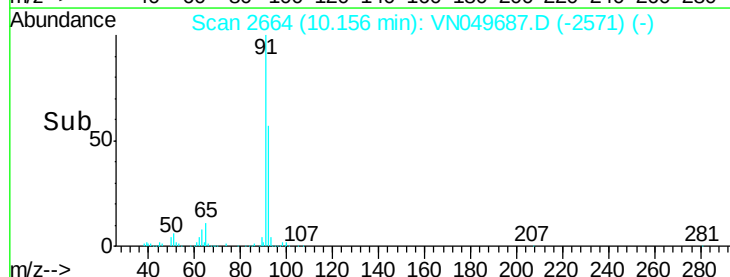
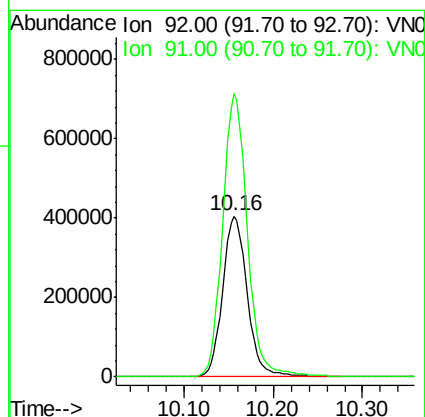
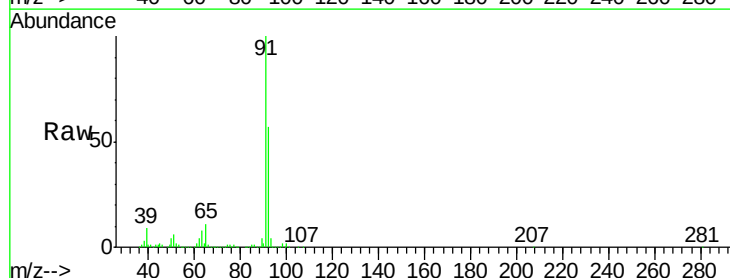
Acq: 3 Jul 2018 12:14

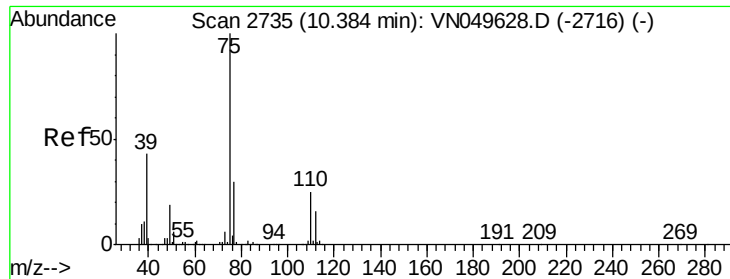
Tgt Ion: 92 Resp: 775156

Ion Ratio Lower Upper

92 100

91 177.3 140.1 210.1





#53

t-1,3-Dichloropropene

Concen: 21.79 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :

MSVOA_N

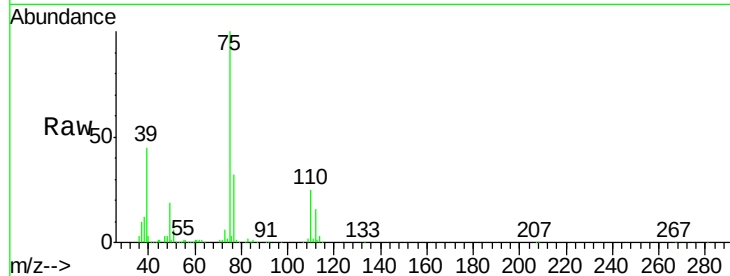
ClientSampleId :

Tot Ion: 75 Resp: 416320

Ion Ratio Lower Upper

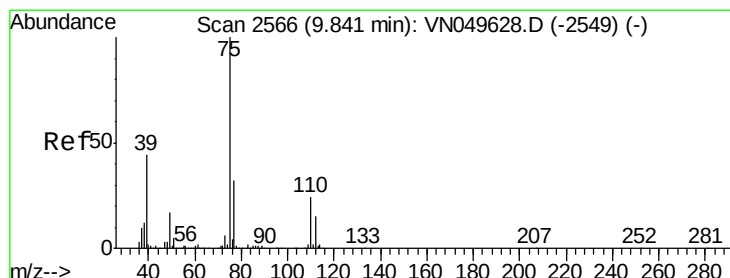
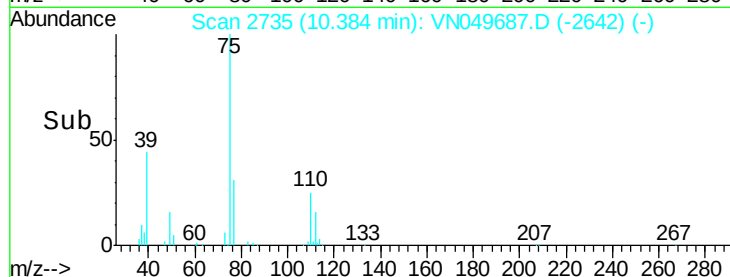
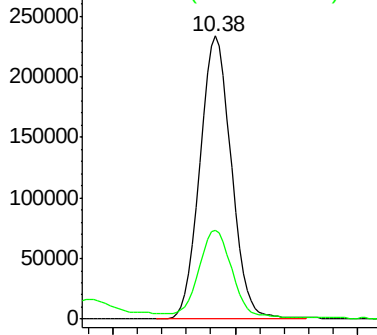
75 100

77 31.1 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 21.34 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

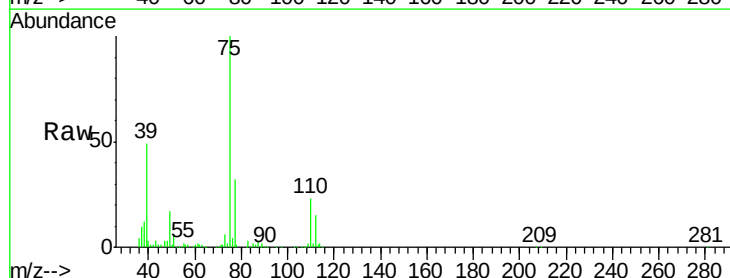
Tgt Ion: 75 Resp: 476589

Ion Ratio Lower Upper

75 100

77 31.8 25.3 37.9

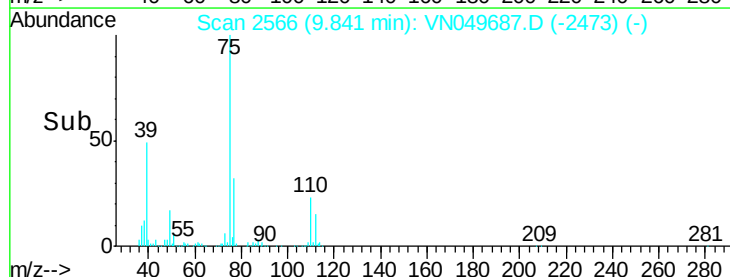
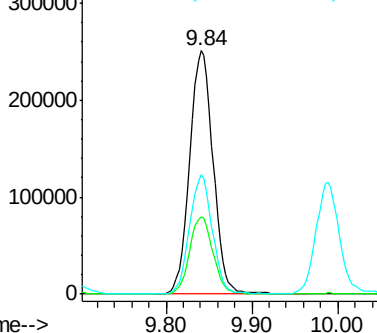
39 48.9 35.5 53.3

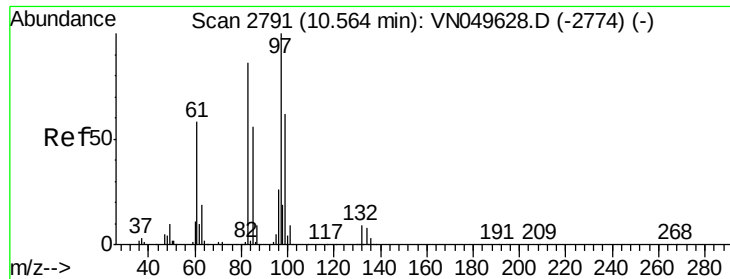


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

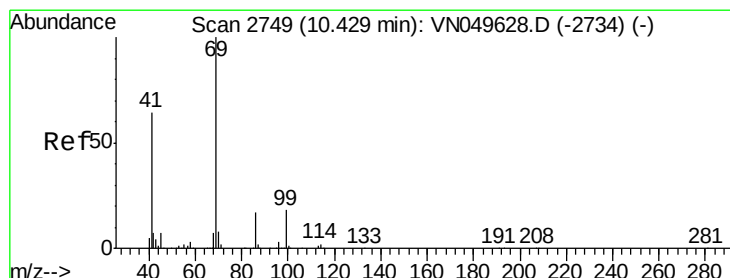
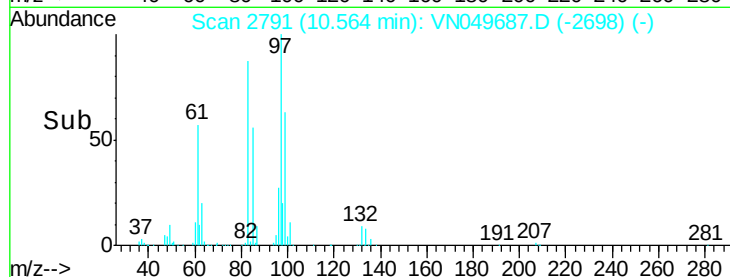
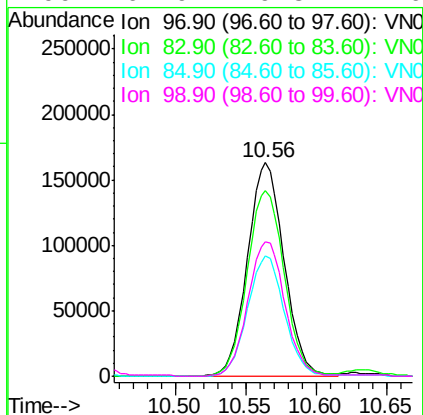
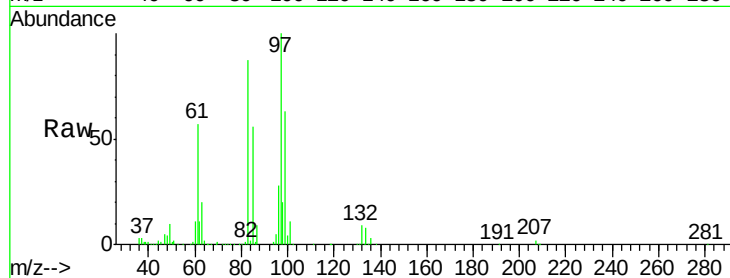




#55
 1,1,2-Trichloroethane
 Concen: 22.05 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049687.D
 Acq: 3 Jul 2018 12:14

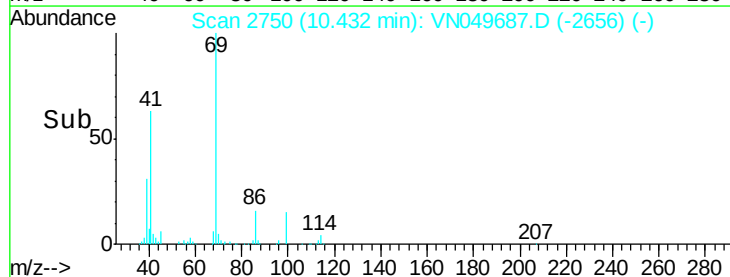
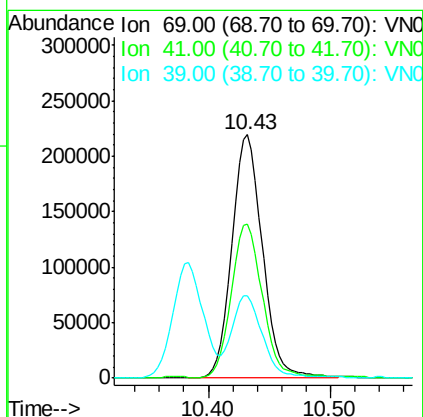
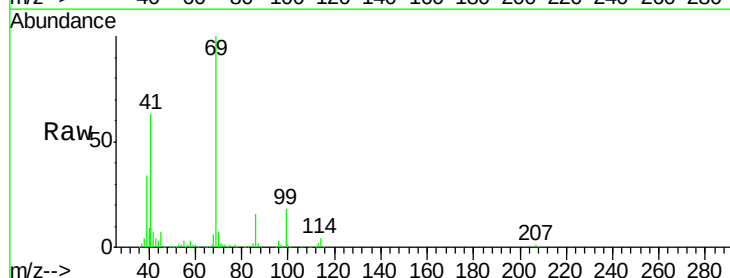
Instrument :
 MSVOA_N
 ClientSampled :

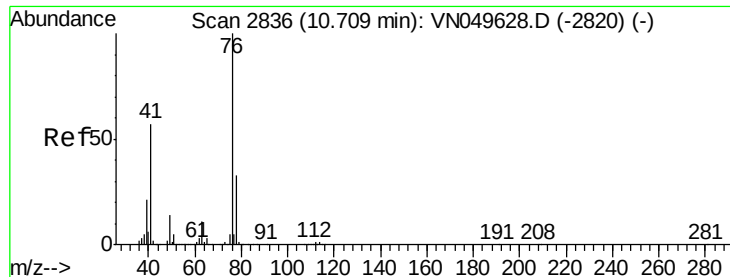
Tot Ion:	97	Resp:	297538
Ion	Ratio	Lower	Upper
97	100		
83	86.6	69.0	103.6
85	56.3	44.9	67.3
99	62.9	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 24.27 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049687.D
 Acq: 3 Jul 2018 12:14

Tgt Ion:	69	Resp:	383822
Ion	Ratio	Lower	Upper
69	100		
41	64.3	51.6	77.4
39	33.4	25.8	38.8





#57

1,3-Dichloropropane

Concen: 22.19 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :

MSVOA_N

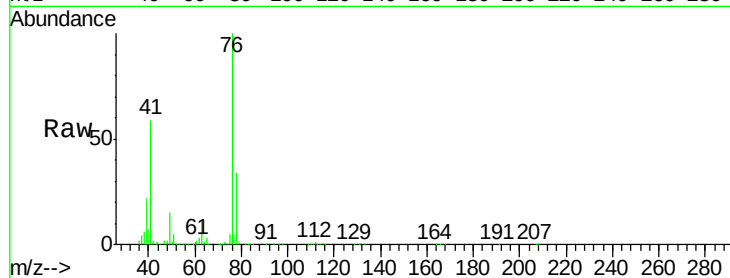
ClientSampled :

Tot Ion: 76 Resp: 485460

Ion Ratio Lower Upper

76 100

78 33.1 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

250000

200000

150000

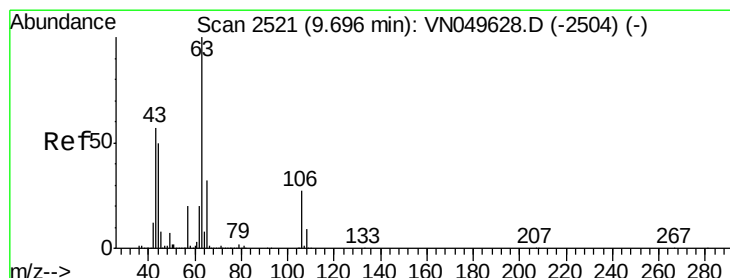
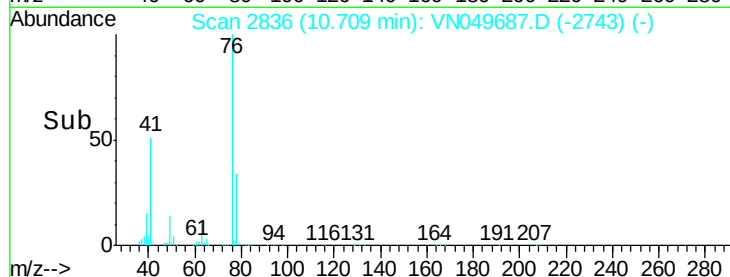
100000

50000

0

Time-->

10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 108.88 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049687.D

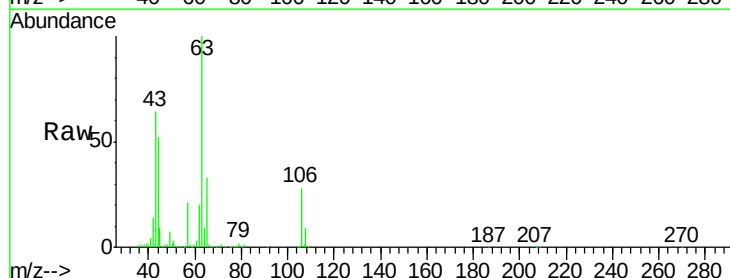
Acq: 3 Jul 2018 12:14

Tgt Ion: 63 Resp: 844848

Ion Ratio Lower Upper

63 100

106 27.4 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.70

500000

400000

300000

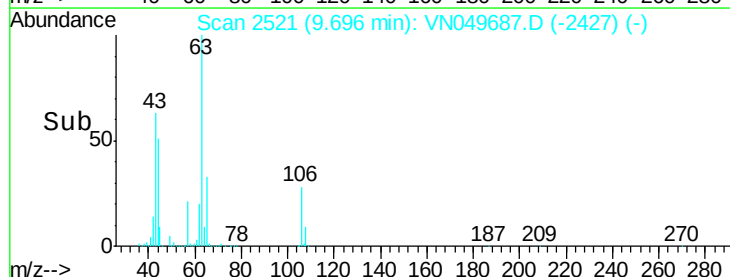
200000

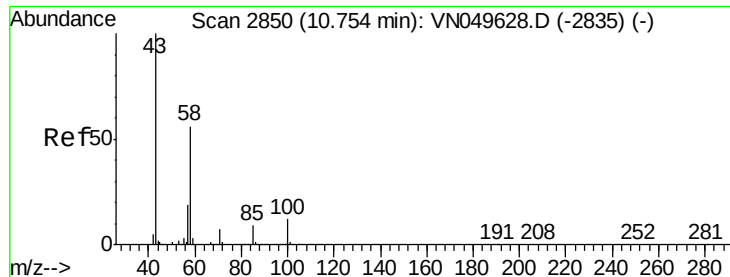
100000

0

Time-->

9.60 9.70 9.80

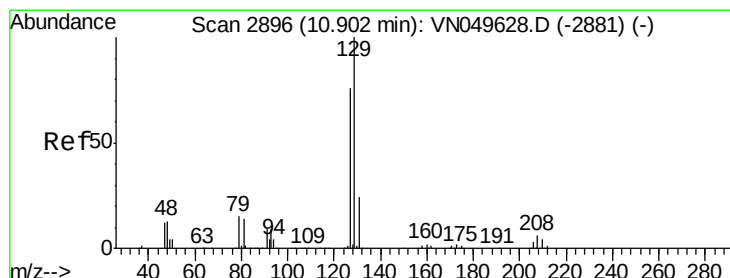
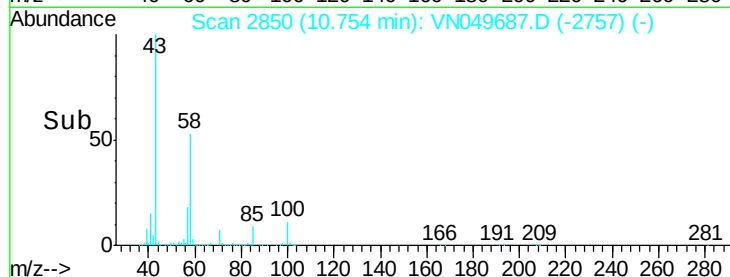
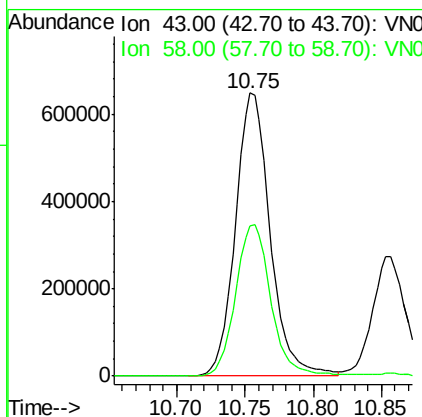
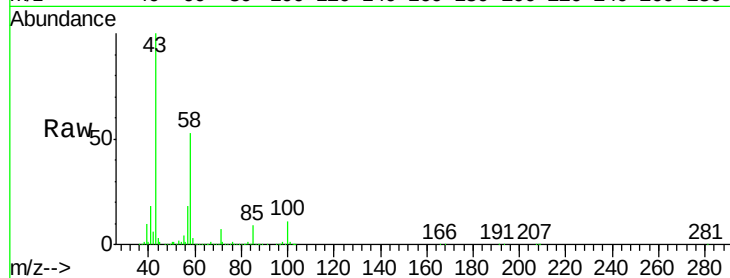




#59
2-Hexanone
Concen: 153.43 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

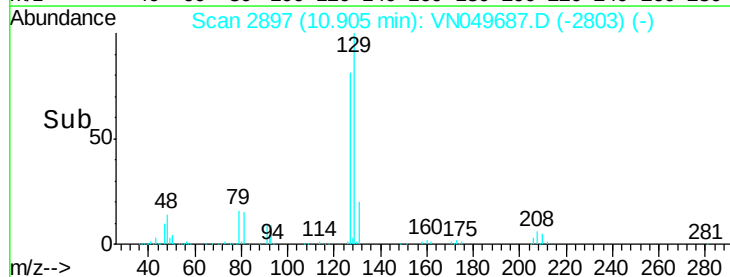
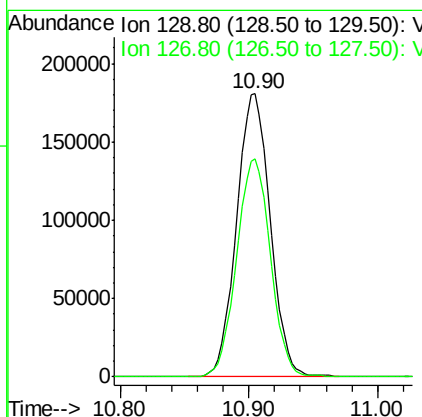
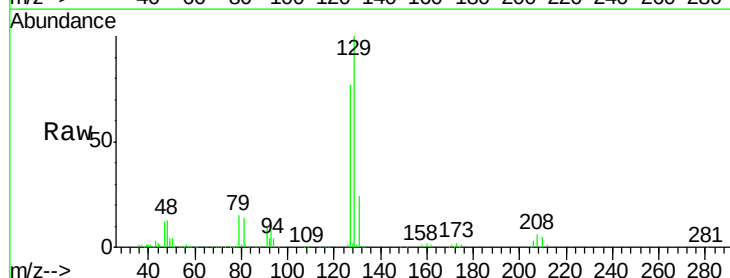
Instrument :
MSVOA_N
ClientSampled :

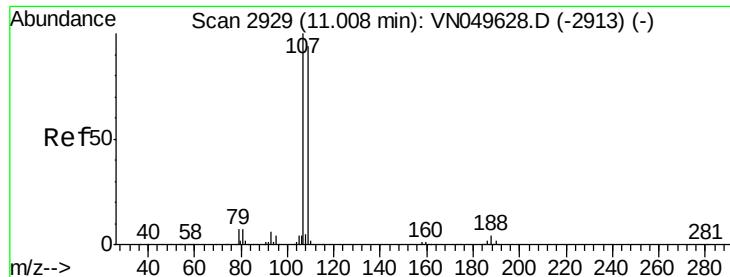
Tot Ion: 43 Resp: 1139696
Ion Ratio Lower Upper
43 100
58 54.8 27.8 83.4



#60
Dibromochloromethane
Concen: 22.57 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Tgt Ion: 129 Resp: 329078
Ion Ratio Lower Upper
129 100
127 77.3 38.3 114.9

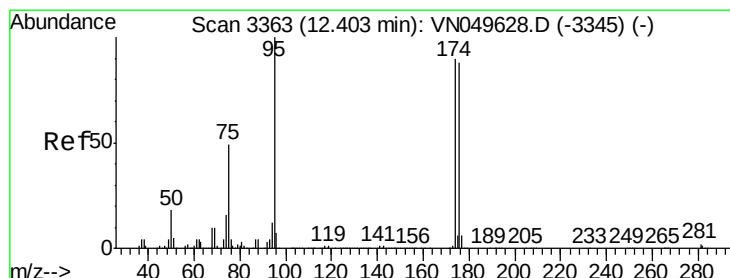
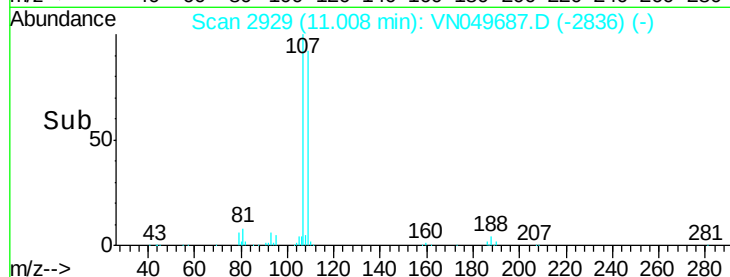
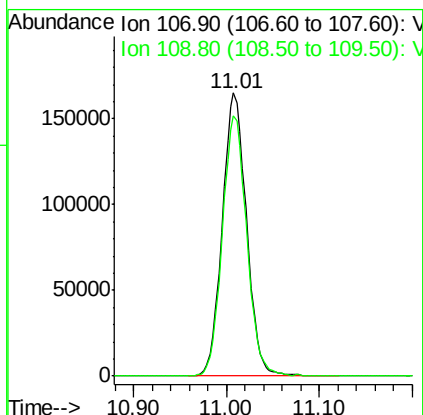
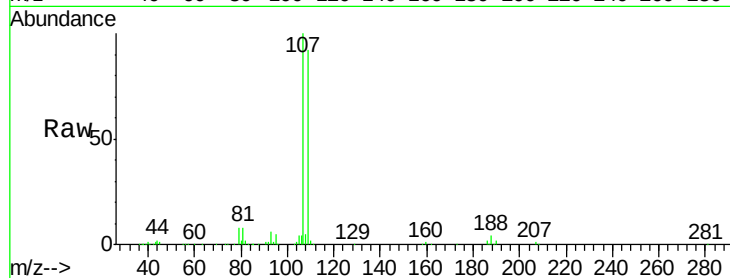




#61
 1,2-Dibromoethane
 Concen: 23.17 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN049687.D
 Acq: 3 Jul 2018 12:14

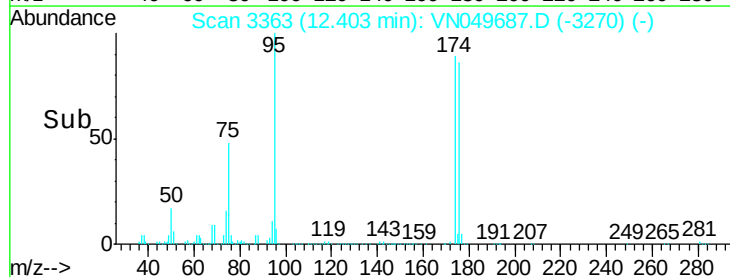
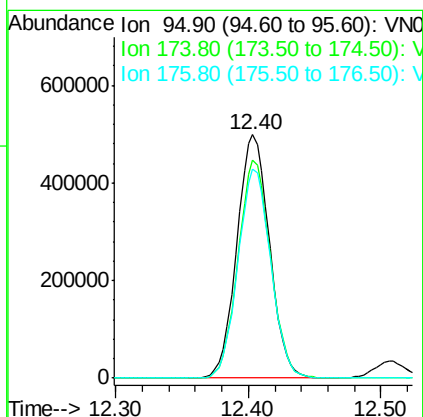
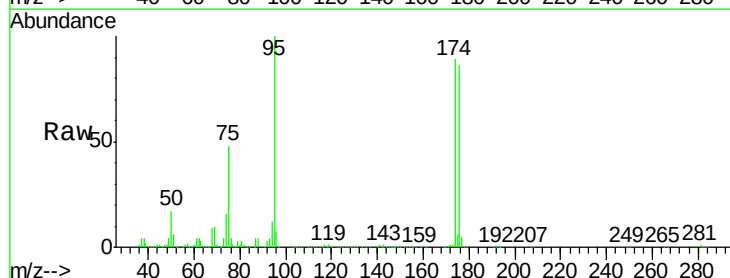
Instrument :
 MSVOA_N
 ClientSampleId :

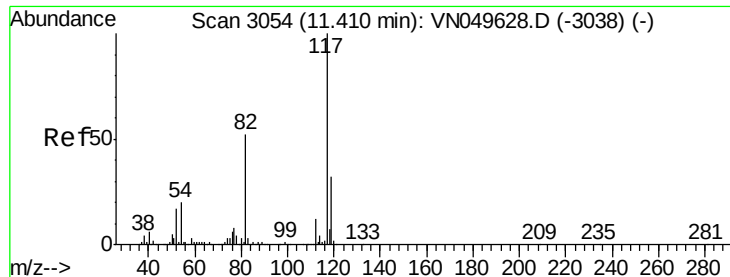
Tot Ion: 107 Resp: 299548
 Ion Ratio Lower Upper
 107 100
 109 92.5 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 48.73 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049687.D
 Acq: 3 Jul 2018 12:14

Tgt Ion: 95 Resp: 850123
 Ion Ratio Lower Upper
 95 100
 174 89.4 0.0 179.6
 176 86.4 0.0 174.0

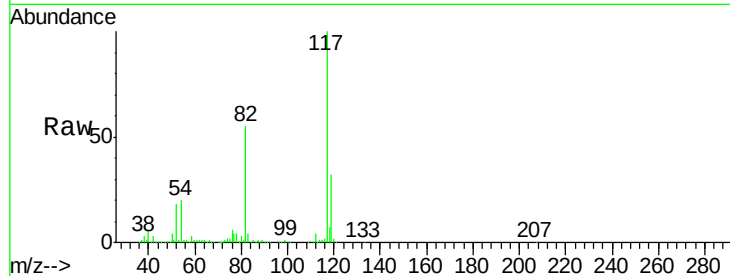




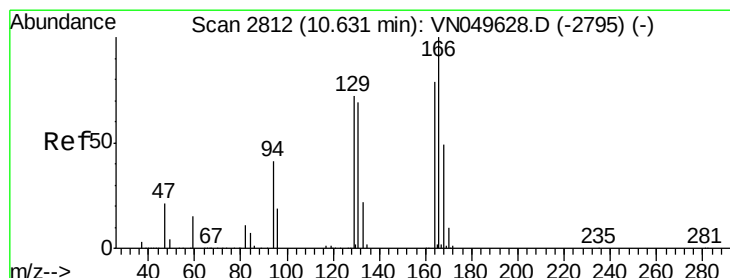
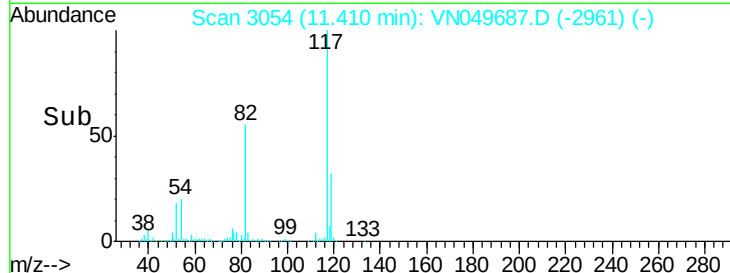
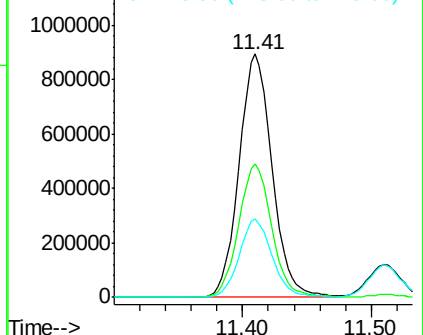
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 1597667
Ion Ratio Lower Upper
117 100
82 54.7 41.9 62.9
119 32.2 25.4 38.2

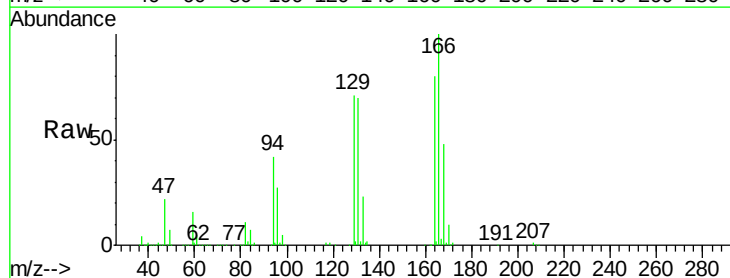


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

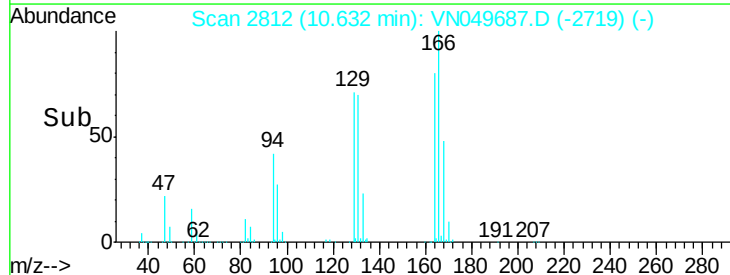
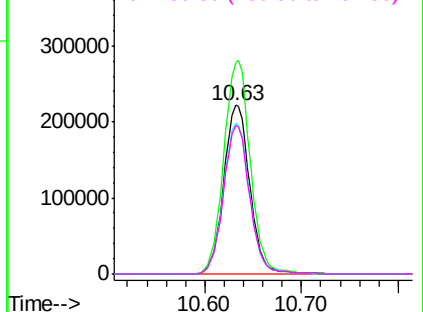


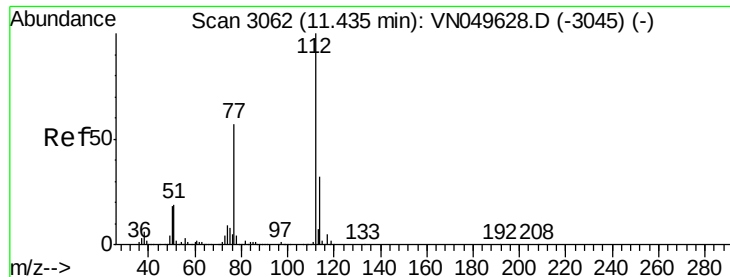
#64
Tetrachloroethene
Concen: 19.17 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Tgt Ion:164 Resp: 414682
Ion Ratio Lower Upper
164 100
166 125.6 101.8 152.6
129 89.7 72.8 109.2
131 87.9 70.0 105.0



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: 20.15 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :

MSVOA_N

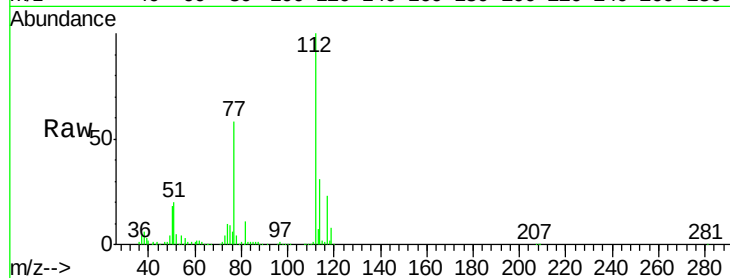
ClientSampled :

Tot Ion:112 Resp: 839722

Ion Ratio Lower Upper

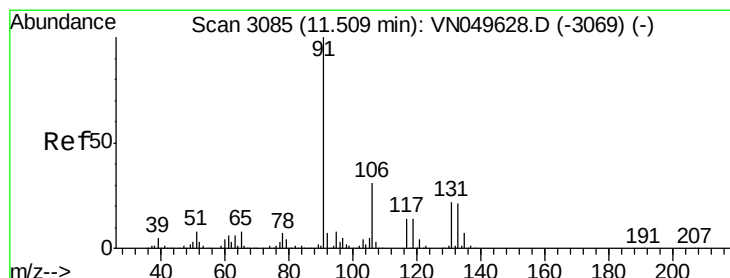
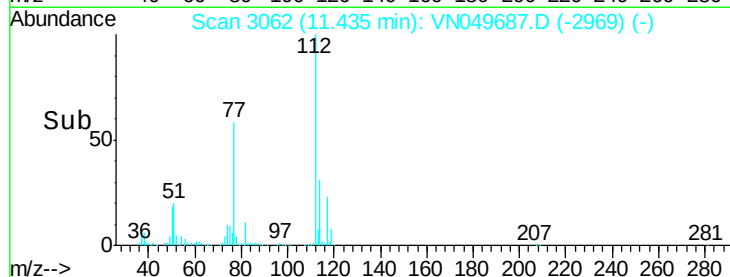
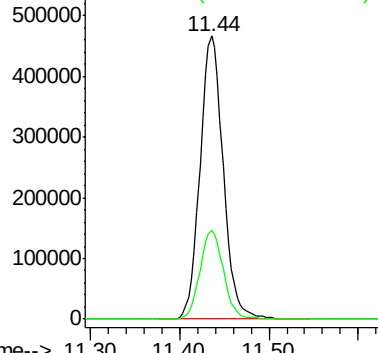
112 100

114 31.3 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.82 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

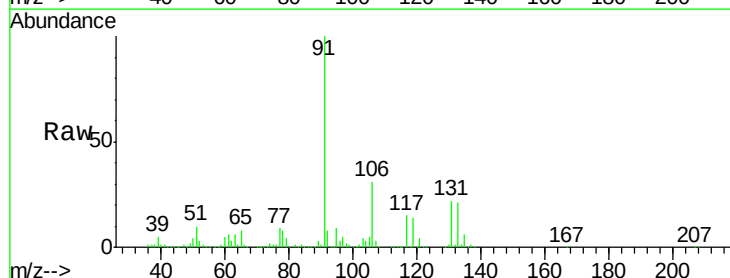
Tgt Ion:131 Resp: 311808

Ion Ratio Lower Upper

131 100

133 97.1 47.5 142.6

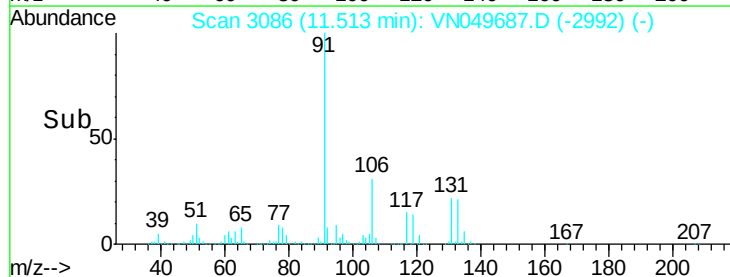
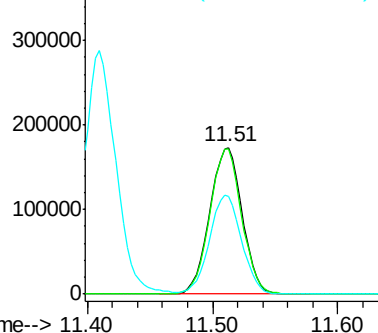
119 66.9 33.1 99.3

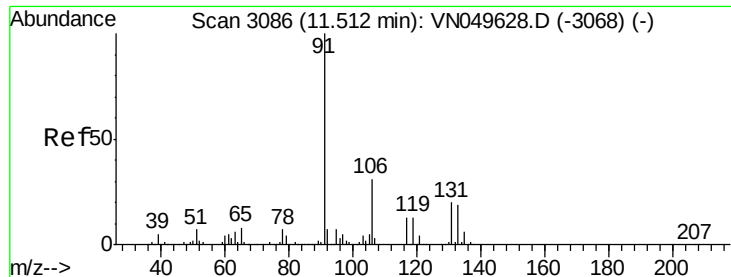


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

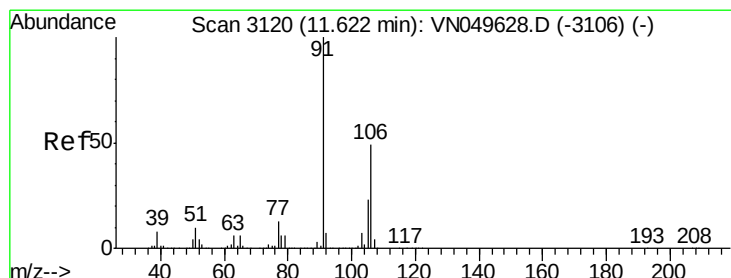
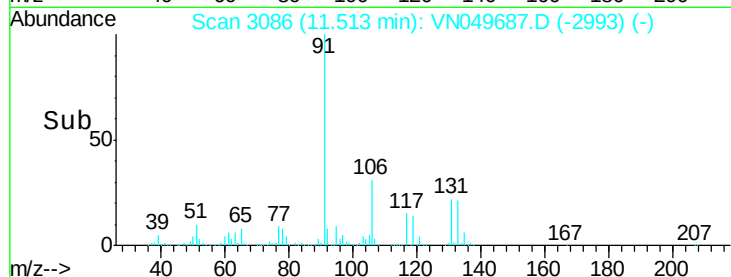
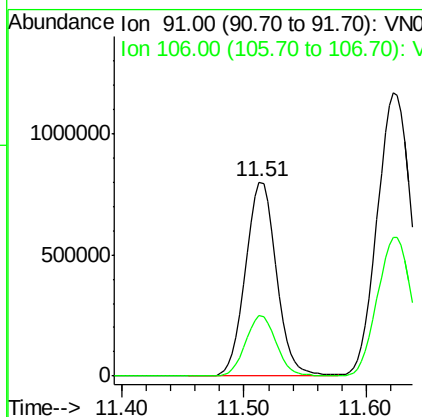
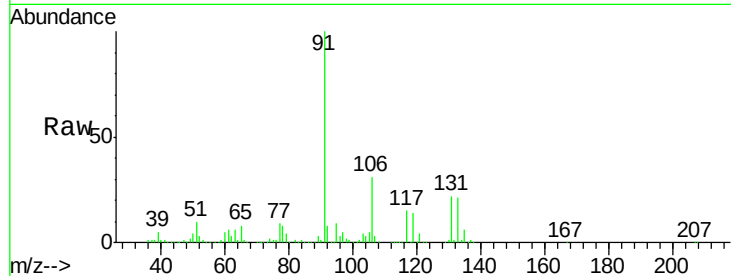




#67
Ethyl Benzene
Concen: 20.23 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

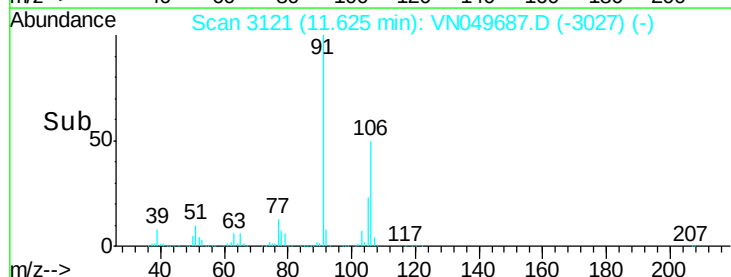
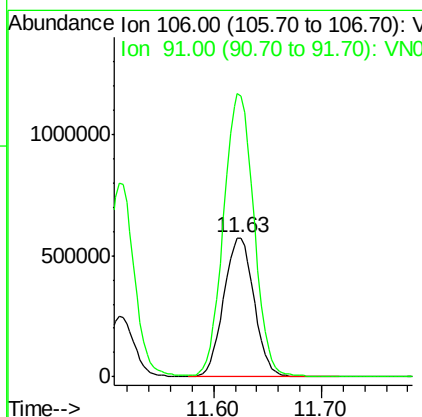
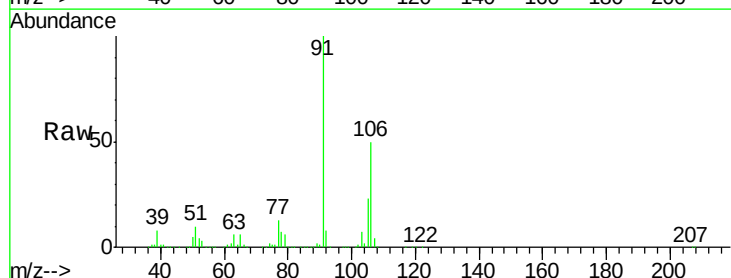
Instrument :
MSVOA_N
ClientSampled :

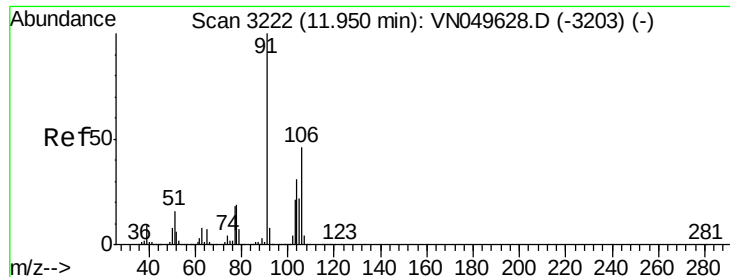
Tot Ion: 91 Resp: 1393899
Ion Ratio Lower Upper
91 100
106 31.3 24.8 37.2



#68
m/p-Xylenes
Concen: 42.61 ug/l
RT: 11.63 min Scan# 3121
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Tgt Ion: 106 Resp: 1125021
Ion Ratio Lower Upper
106 100
91 203.4 163.4 245.2

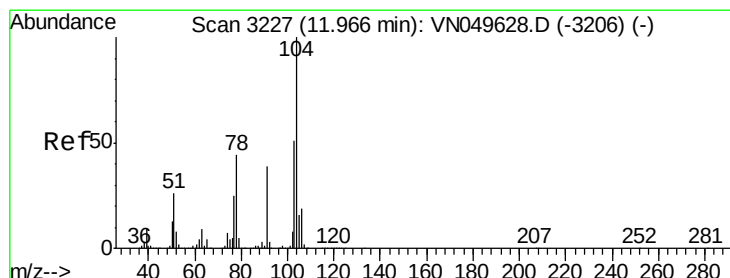
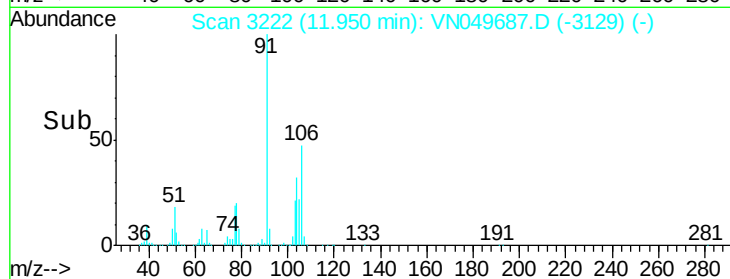
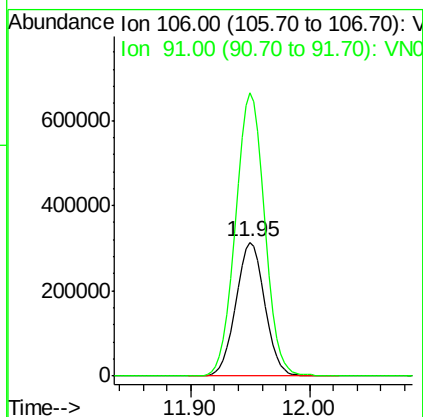
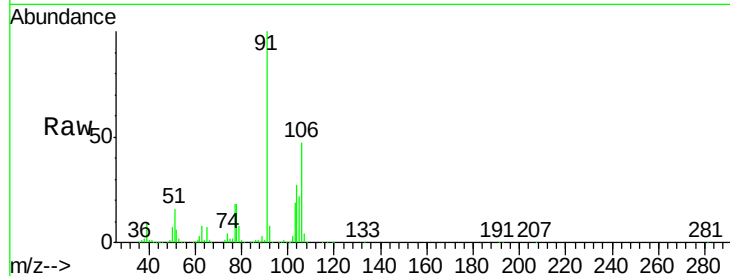




#69
o-Xylene
Concen: 20.91 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

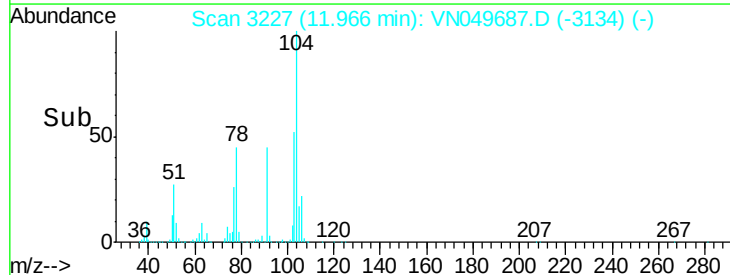
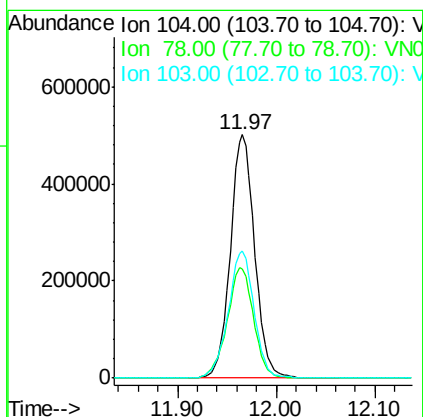
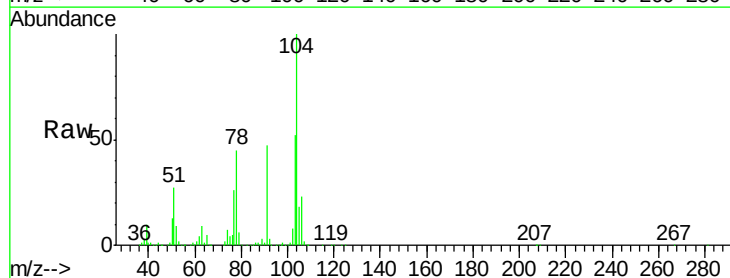
Instrument :
MSVOA_N
ClientSampled :

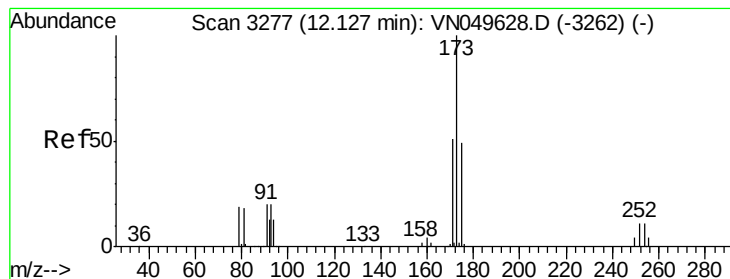
Tot Ion:106 Resp: 528697
Ion Ratio Lower Upper
106 100
91 212.9 108.7 326.1



#70
Styrene
Concen: 21.07 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Tgt Ion:104 Resp: 861951
Ion Ratio Lower Upper
104 100
78 49.3 39.2 58.8
103 55.9 44.6 67.0





#71

Bromoform

Concen: 23.75 ug/l

RT: 12.13 min Scan# 3278

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :

MSVOA_N

ClientSampleId :

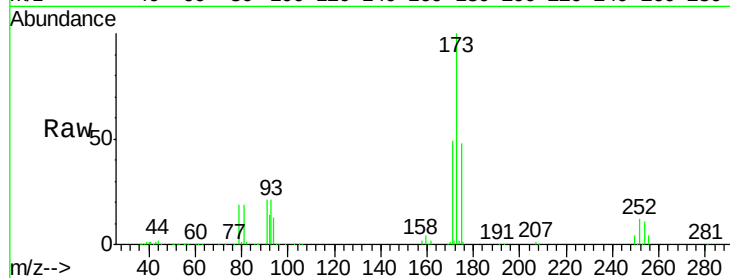
Tot Ion:173 Resp: 236339

Ion Ratio Lower Upper

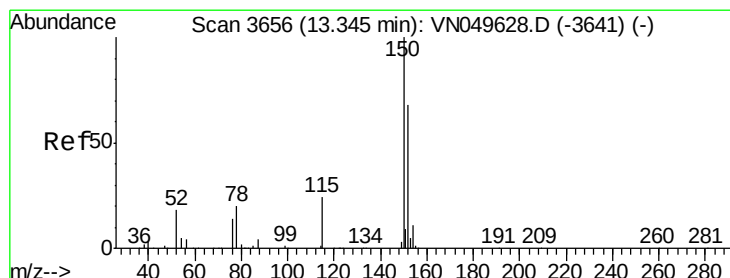
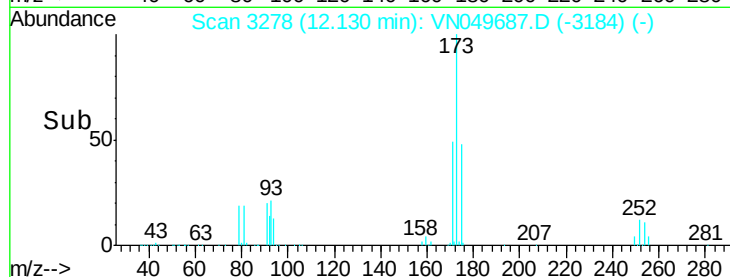
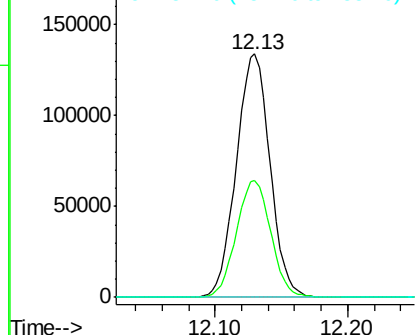
173 100

175 49.1 24.6 73.8

254 0.1 0.2 0.2#



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: VN049687.D

Acq: 3 Jul 2018 12:14

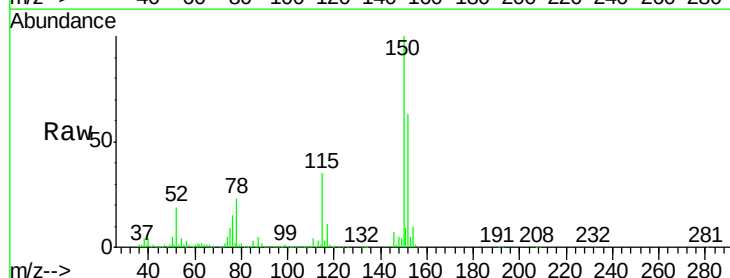
Tgt Ion:152 Resp: 882070

Ion Ratio Lower Upper

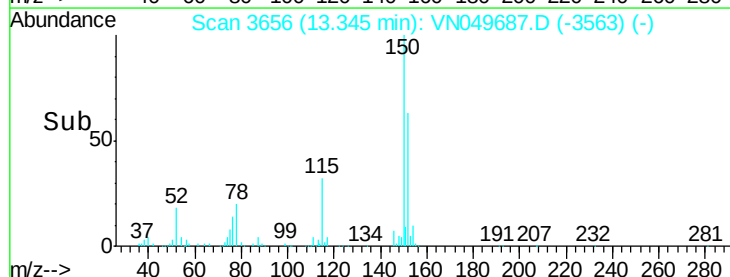
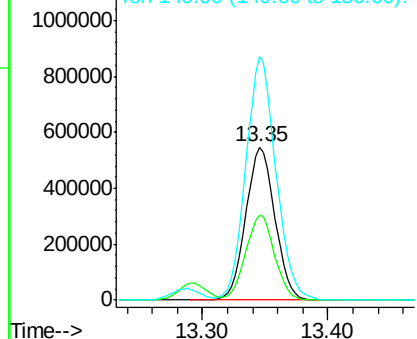
152 100

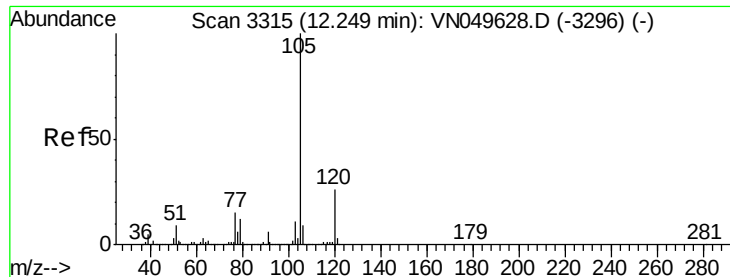
115 55.3 28.1 84.2

150 164.6 0.0 347.6



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





#73

Isopropylbenzene

Concen: 19.84 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :

MSVOA_N

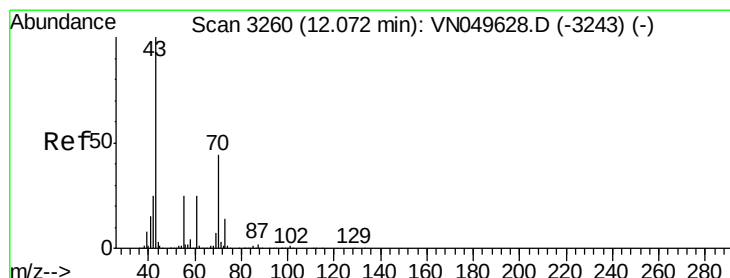
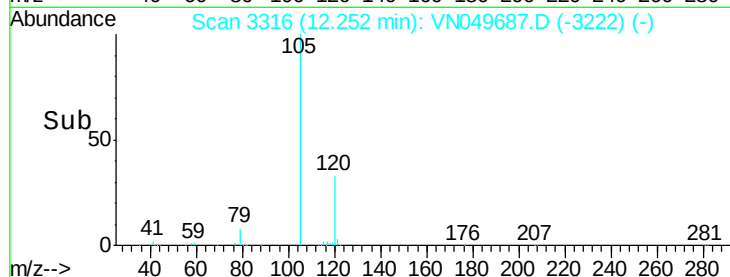
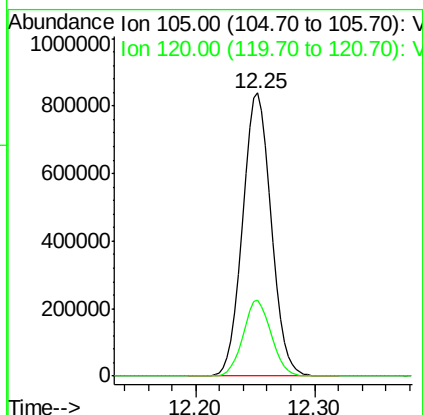
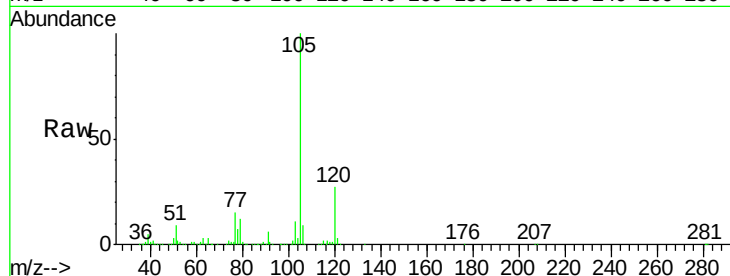
ClientSampleId :

Tot Ion:105 Resp: 1394249

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.8



#74

N-ethyl acetate

Concen: 24.23 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Tgt Ion: 43 Resp: 464956

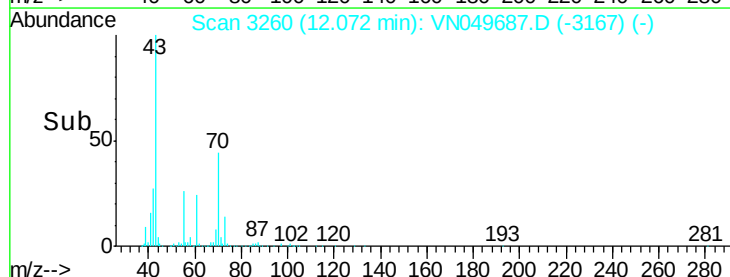
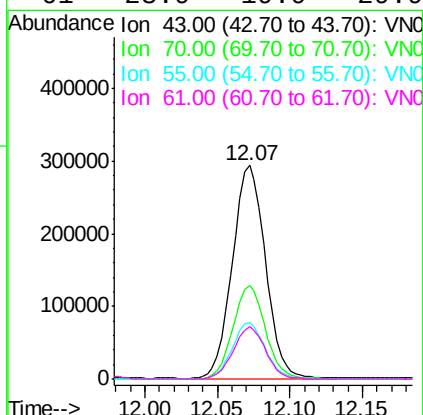
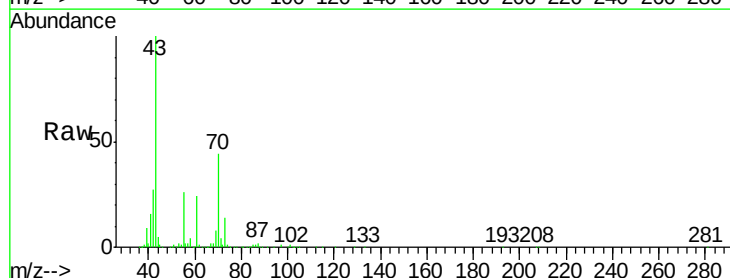
Ion Ratio Lower Upper

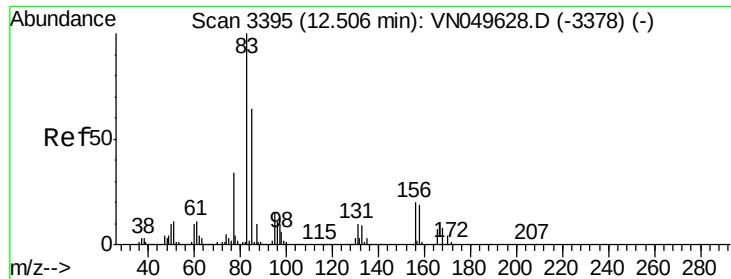
43 100

70 43.0 34.8 52.2

55 26.4 20.9 31.3

61 23.9 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 25.45 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :

MSVOA_N

ClientSampleId :

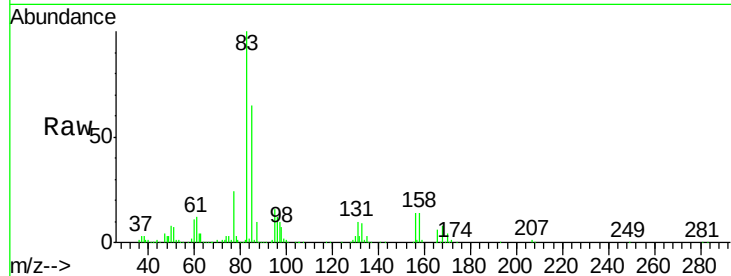
Tot Ion: 83 Resp: 381311

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

85 65.1 32.5 97.4

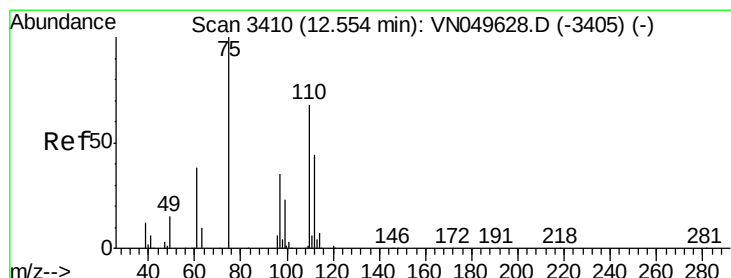
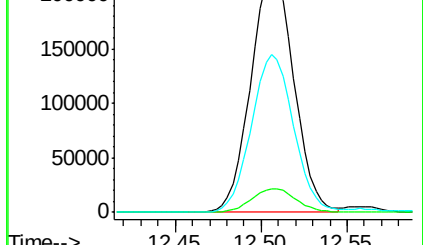
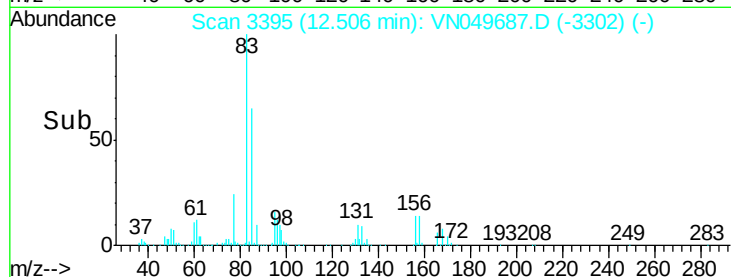


Abundance Ion 82.90 (82.60 to 83.60): VN049687.D (-3302) (-)

Ion 130.80 (130.50 to 131.50): VN049687.D (-3302) (-)

Ion 84.90 (84.60 to 85.60): VN049687.D (-3302) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 34.39 ug/l

RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN049687.D

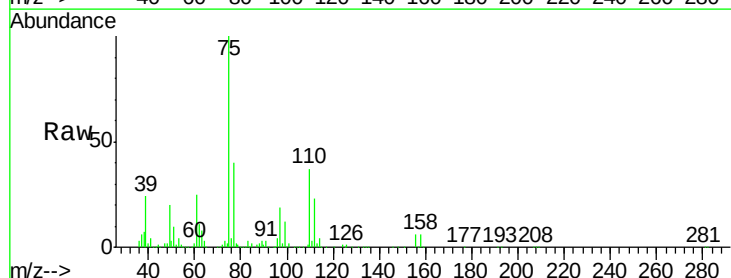
Acq: 3 Jul 2018 12:14

Tgt Ion: 75 Resp: 486555

Ion Ratio Lower Upper

75 100

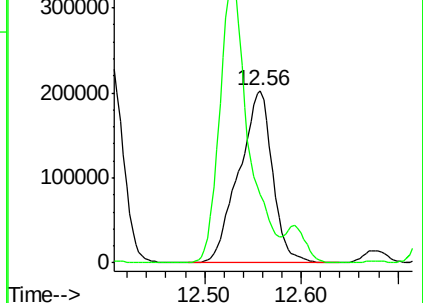
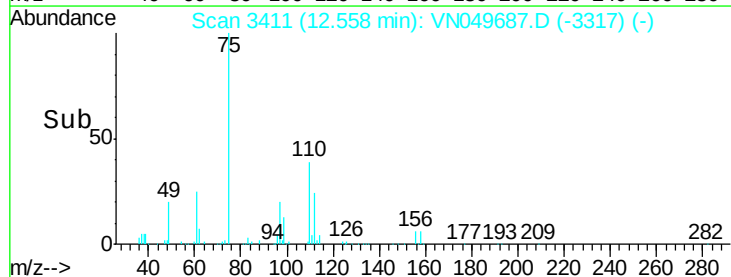
77 0.0 0.0 0.0

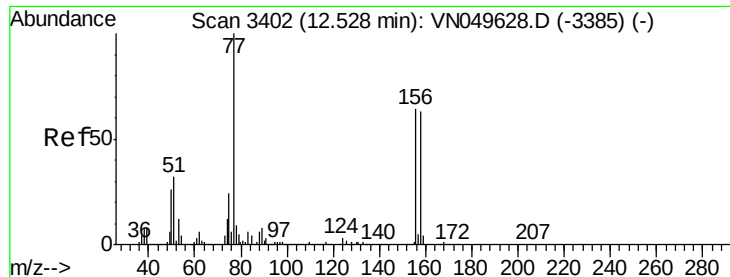


Abundance Ion 74.90 (74.60 to 75.60): VN049687.D (-3317) (-)

Ion 77.00 (76.70 to 77.70): VN049687.D (-3317) (-)

Time-->





#77

Bromobenzene

Concen: 19.34 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :

MSVOA_N

ClientSampled :

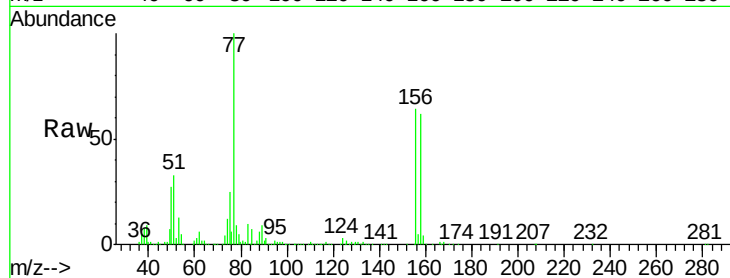
Tot Ion:156 Resp: 369480

Ion Ratio Lower Upper

156 100

77 184.8 90.2 270.6

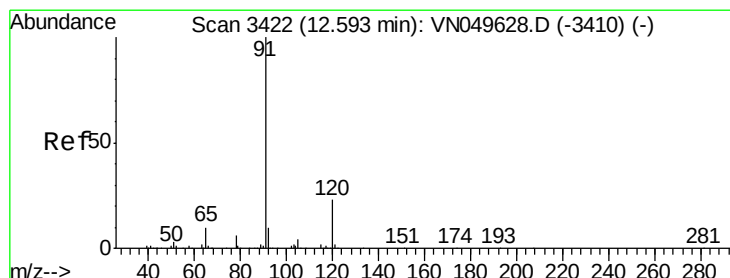
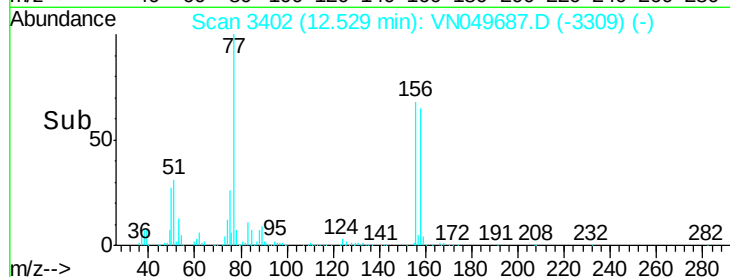
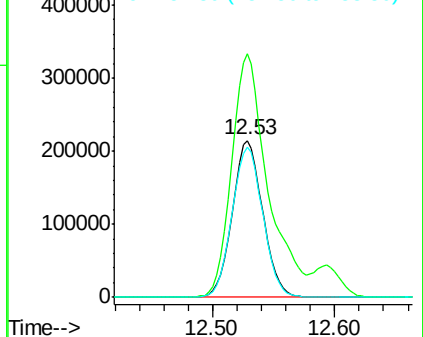
158 97.4 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.60 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049687.D

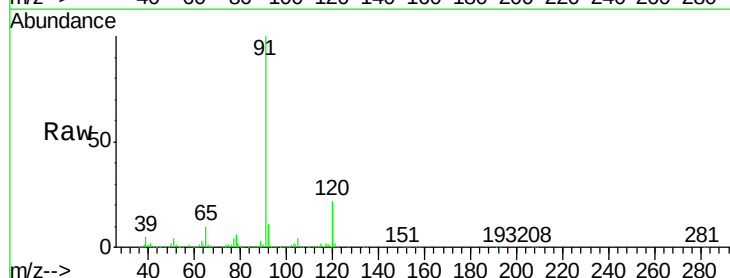
Acq: 3 Jul 2018 12:14

Tgt Ion: 91 Resp: 1659163

Ion Ratio Lower Upper

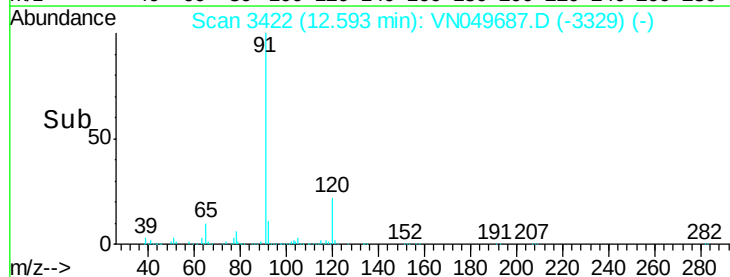
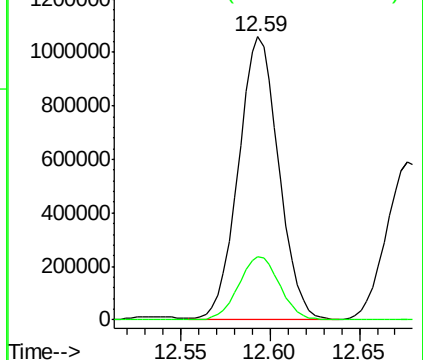
91 100

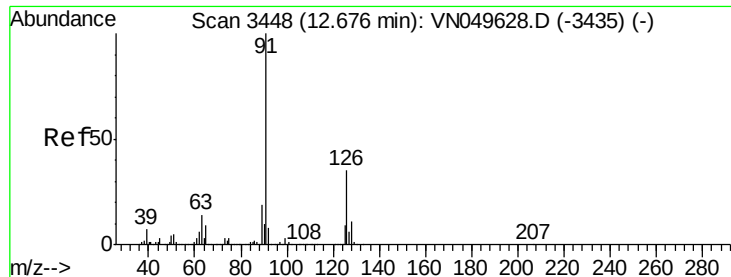
120 22.9 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.58 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :

MSVOA_N

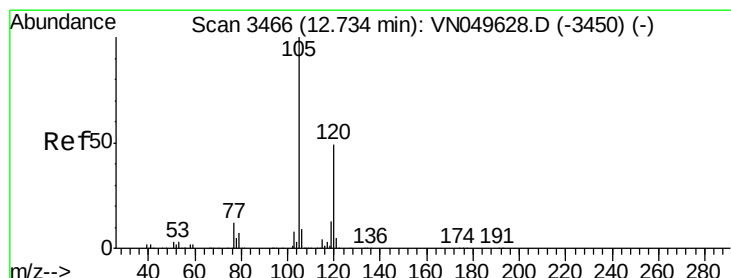
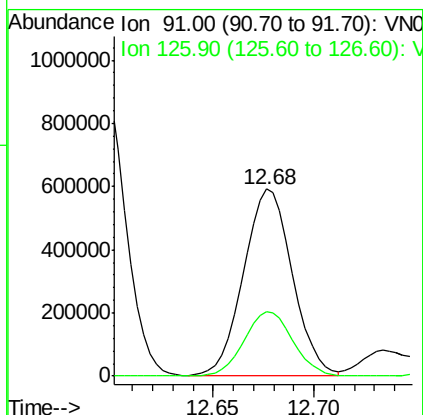
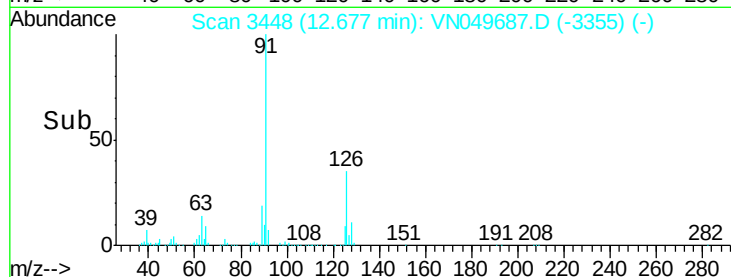
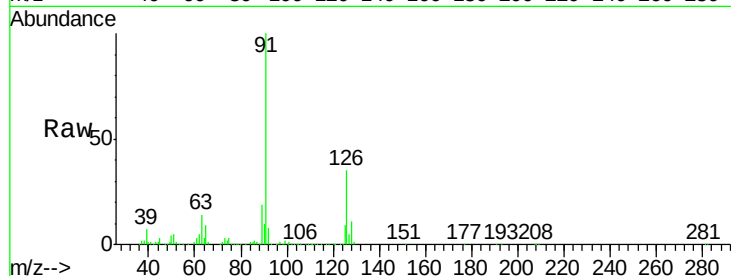
ClientSampleId :

Tot Ion: 91 Resp: 997767

Ion Ratio Lower Upper

91 100

126 34.9 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 20.91 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049687.D

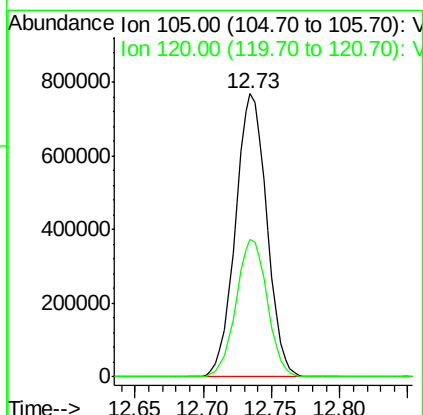
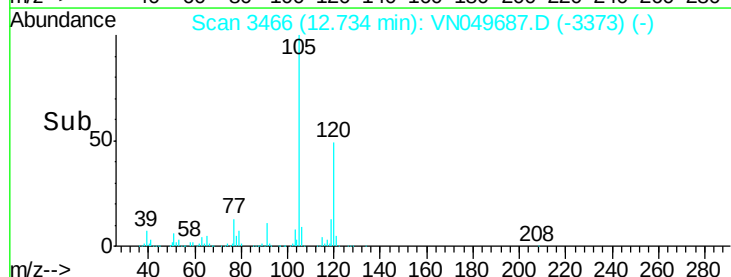
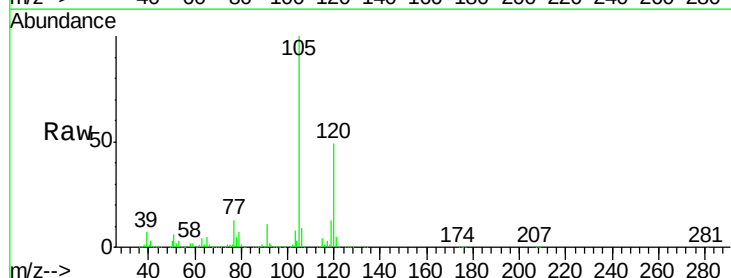
Acq: 3 Jul 2018 12:14

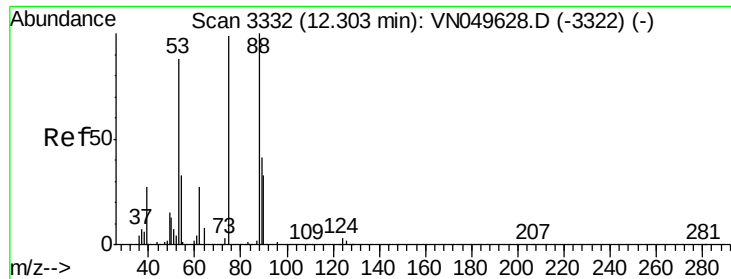
Tgt Ion: 105 Resp: 1220718

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 23.47 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

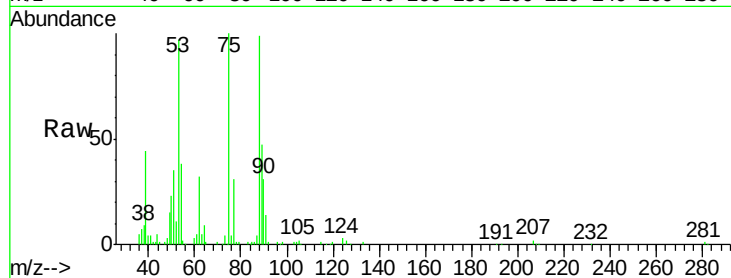
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 75 Resp: 97758

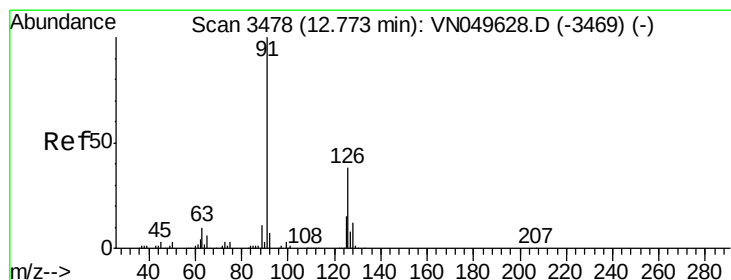
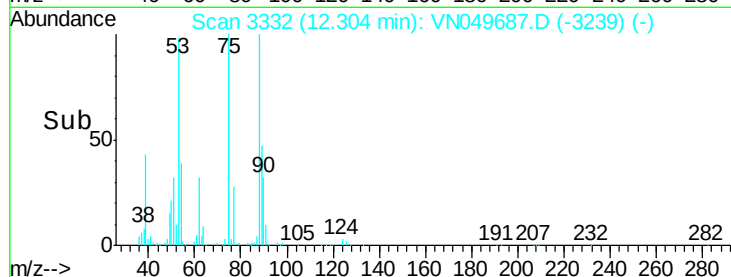
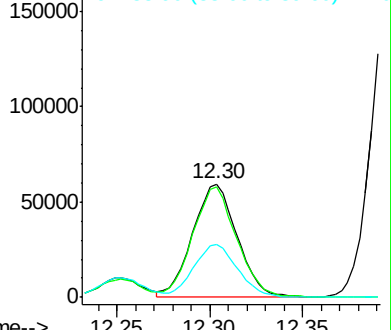
Ion	Ratio	Lower	Upper
75	100		
53	98.5	73.9	110.9
89	46.9	35.9	53.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.78 ug/l

RT: 12.77 min Scan# 3478

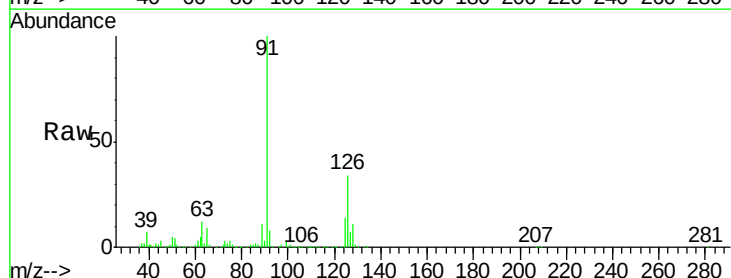
Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

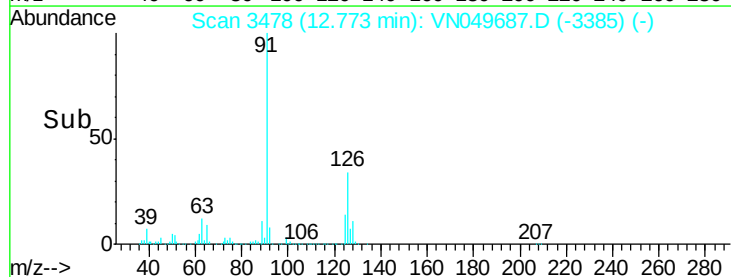
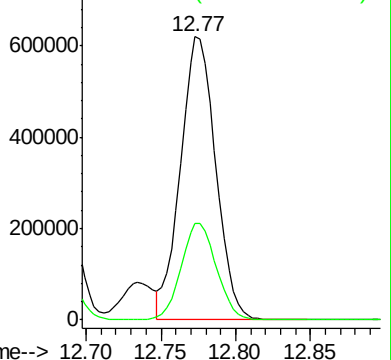
Tgt Ion: 91 Resp: 1013564

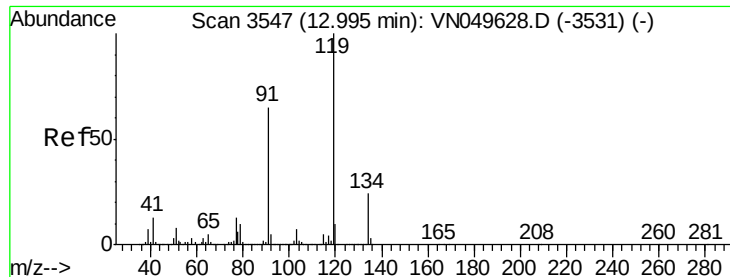
Ion	Ratio	Lower	Upper
91	100		
126	34.1	17.2	51.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

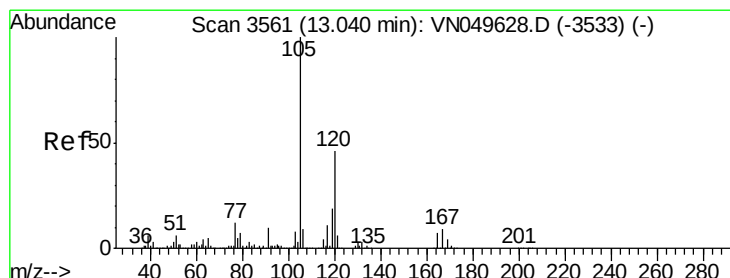
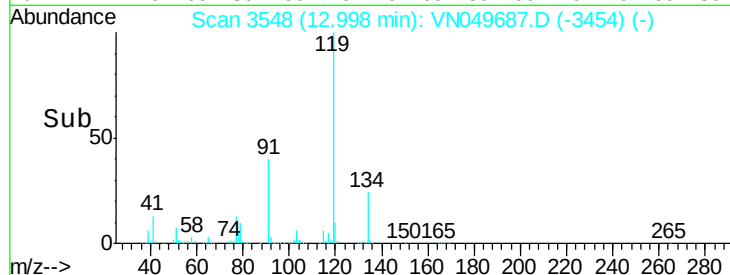
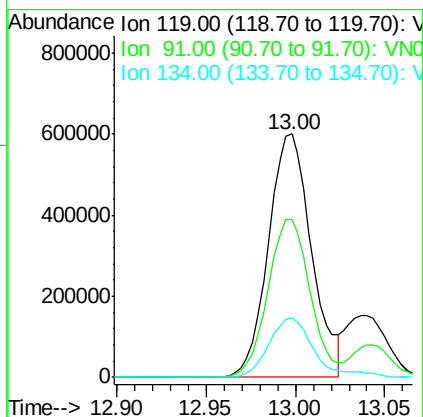
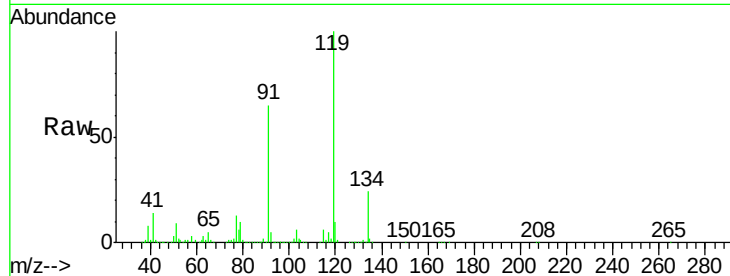




#83
 tert-Butylbenzene
 Concen: 20.13 ug/l
 RT: 13.00 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN049687.D
 Acq: 3 Jul 2018 12:14

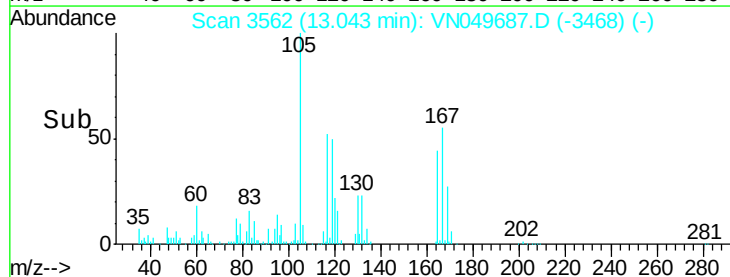
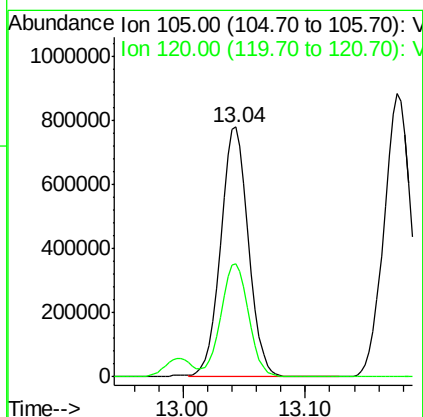
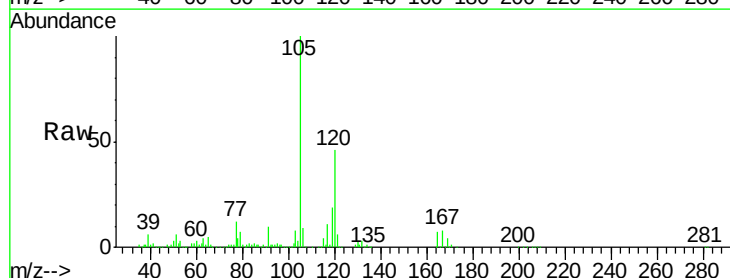
Instrument :
 MSVOA_N
 ClientSampled :

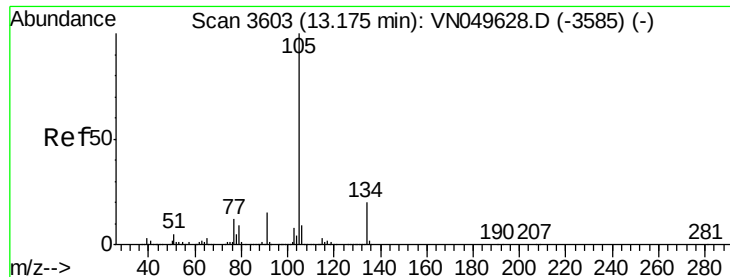
Tot Ion:119 Resp: 1009752
 Ion Ratio Lower Upper
 119 100
 91 63.5 32.0 96.2
 134 25.6 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.65 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049687.D
 Acq: 3 Jul 2018 12:14

Tgt Ion:105 Resp: 1238764
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.7 68.1





#85

sec-Butylbenzene

Concen: 20.67 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :

MSVOA_N

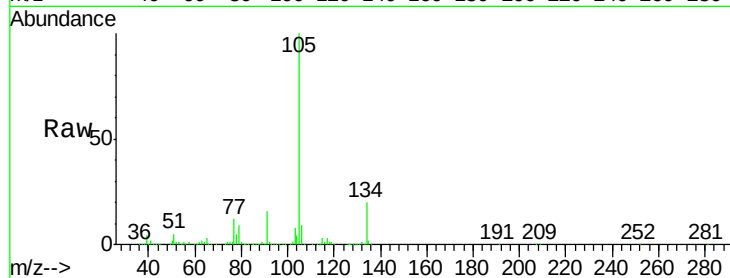
ClientSampleId :

Tot Ion:105 Resp: 1373242

Ion Ratio Lower Upper

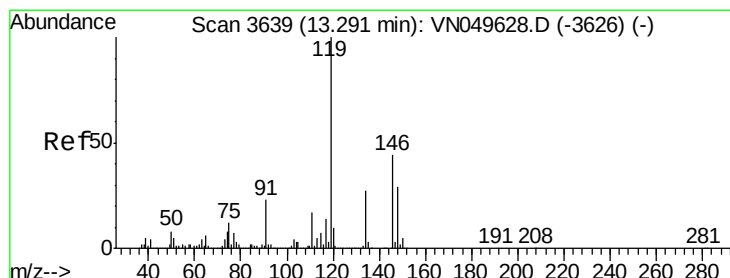
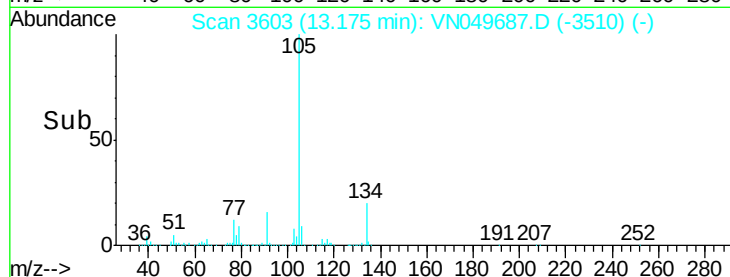
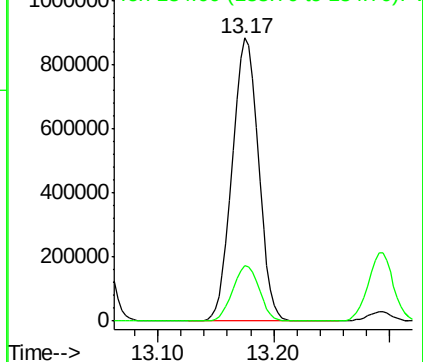
105 100

134 19.8 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.95 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

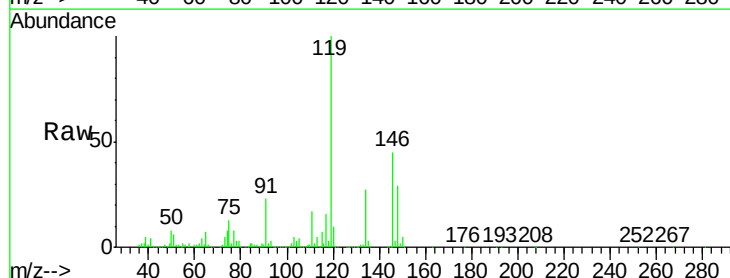
Tgt Ion:119 Resp: 1205584

Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

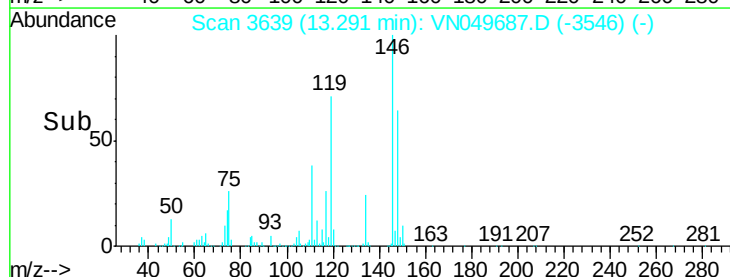
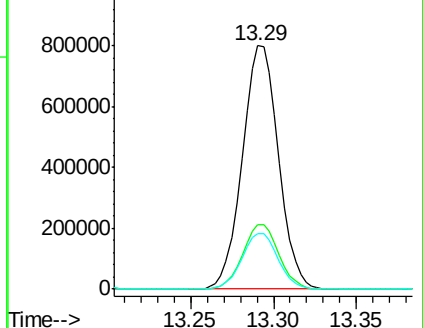
91 23.0 11.4 34.1

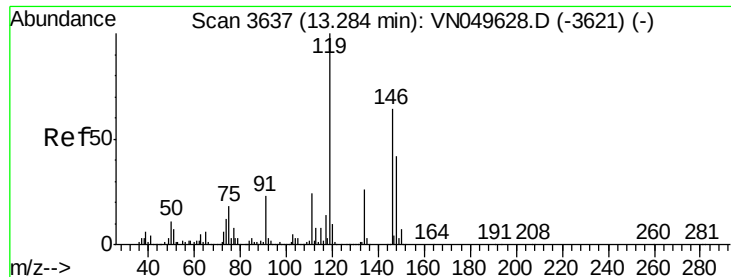


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

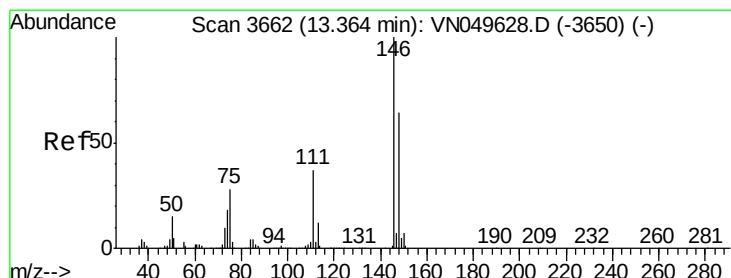
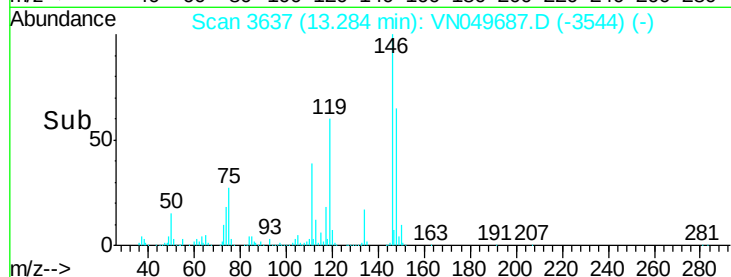
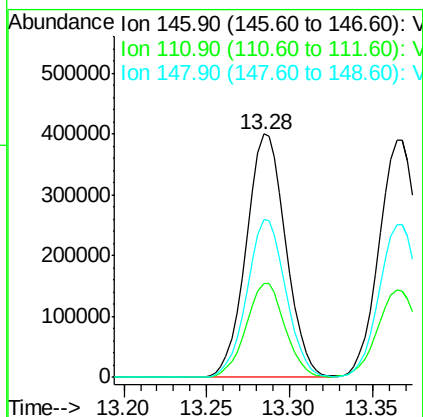
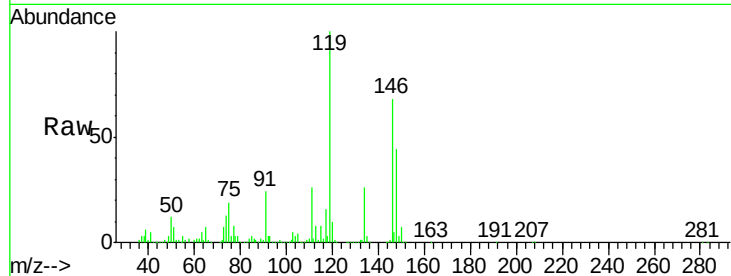




#87
 1,3-Dichlorobenzene
 Concen: 20.25 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049687.D
 Acq: 3 Jul 2018 12:14

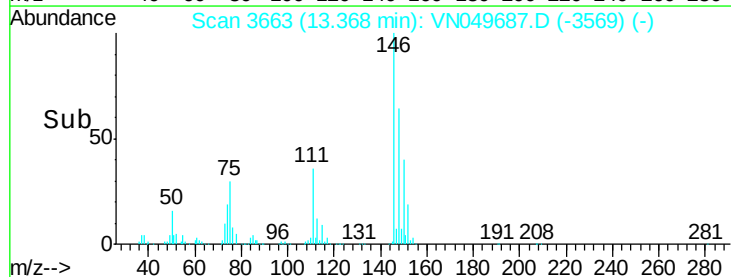
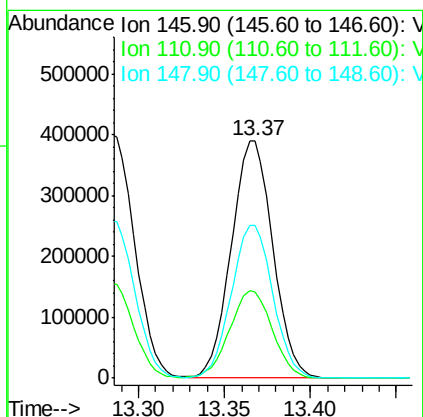
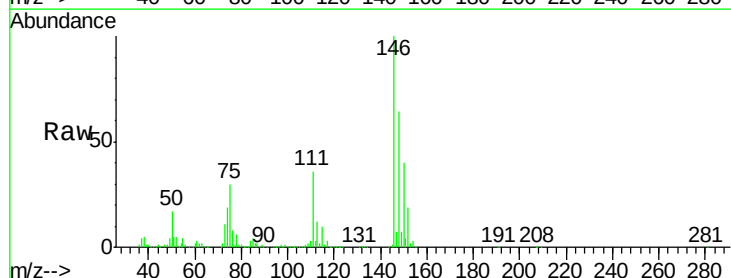
Instrument :
 MSVOA_N
 ClientSampleId :

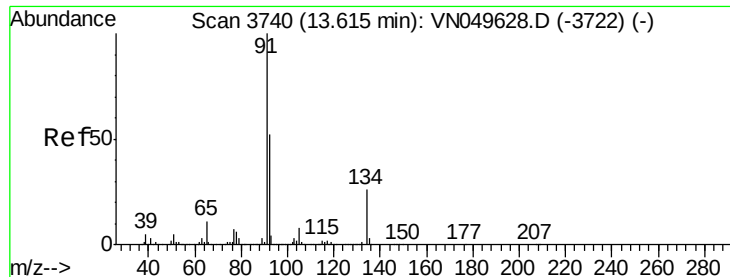
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.0	57.0
148	63.7	32.5	97.5



#88
 1,4-Dichlorobenzene
 Concen: 20.28 ug/l
 RT: 13.37 min Scan# 3663
 Delta R.T. 0.00 min
 Lab File: VN049687.D
 Acq: 3 Jul 2018 12:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.9	56.5
148	64.6	32.1	96.3

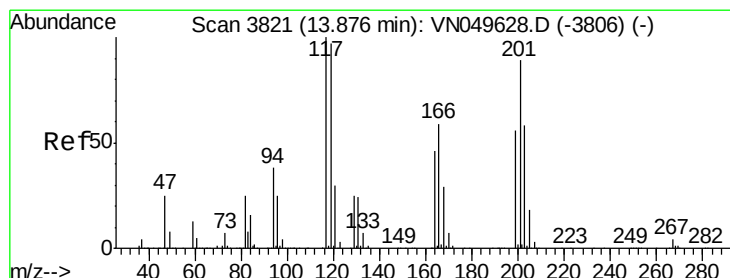
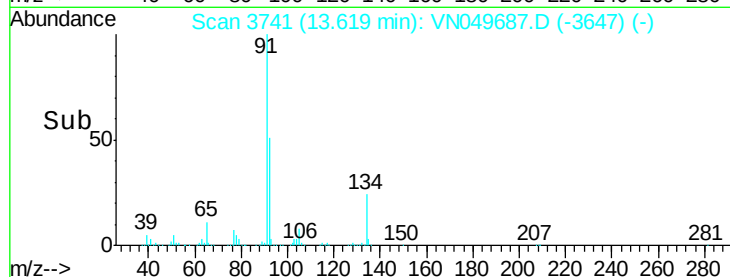
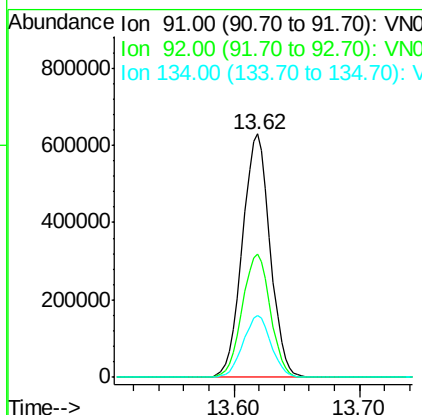
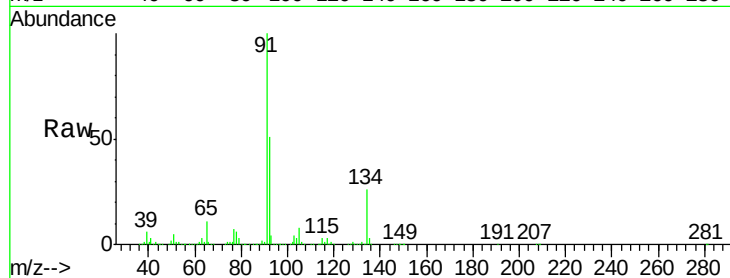




#89
n-Butylbenzene
Concen: 19.55 ug/l
RT: 13.62 min Scan# 3741
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

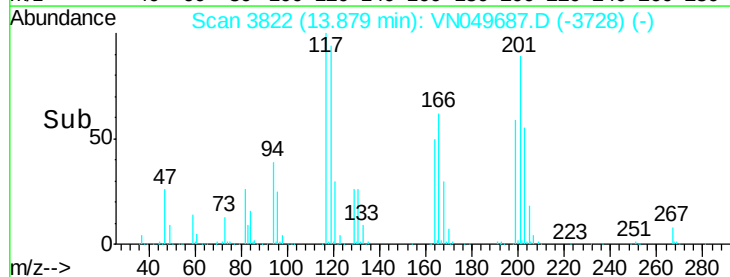
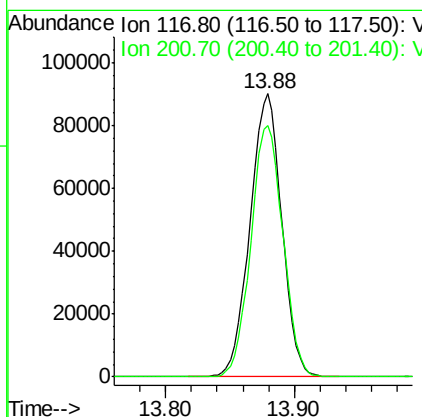
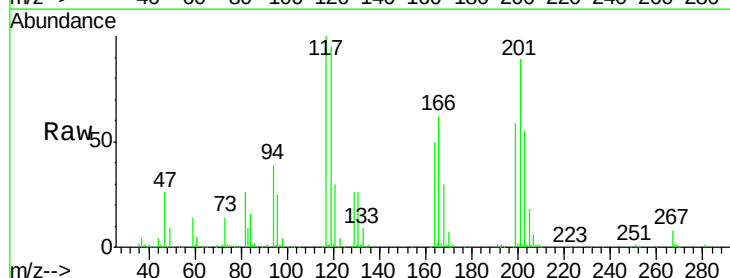
Instrument :
MSVOA_N
ClientSampled :

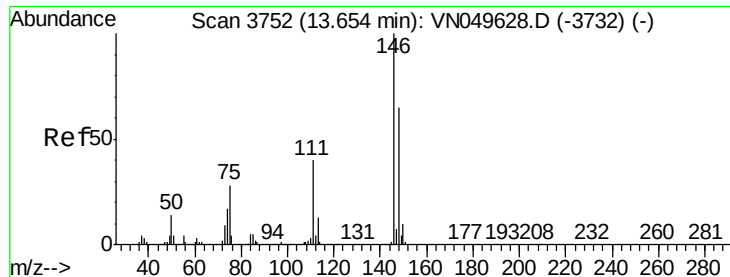
Tot Ion: 91 Resp: 963332
Ion Ratio Lower Upper
91 100
92 51.5 25.8 77.3
134 25.7 13.0 38.9



#90
Hexachloroethane
Concen: 25.66 ug/l
RT: 13.88 min Scan# 3822
Delta R.T. 0.00 min
Lab File: VN049687.D
Acq: 3 Jul 2018 12:14

Tgt Ion: 117 Resp: 155129
Ion Ratio Lower Upper
117 100
201 89.5 45.3 135.8

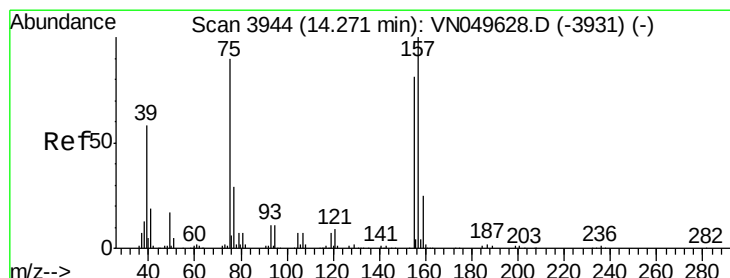
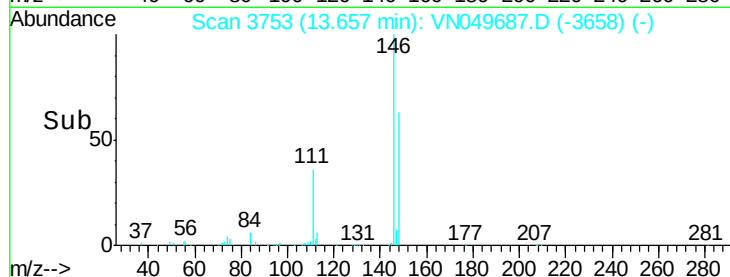
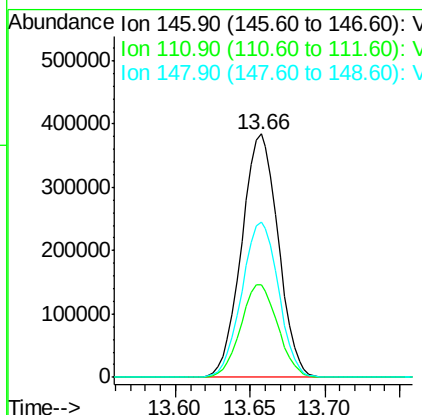
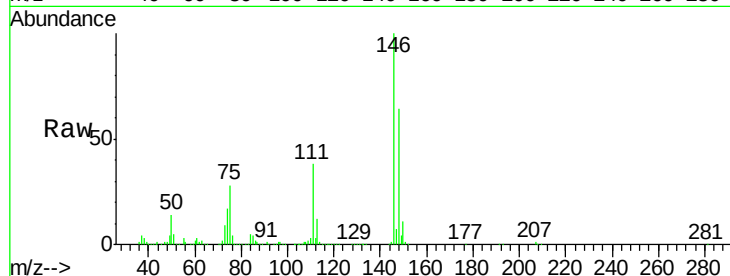




#91
 1,2-Dichlorobenzene
 Concen: 20.41 ug/l
 RT: 13.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VN049687.D
 Acq: 3 Jul 2018 12:14

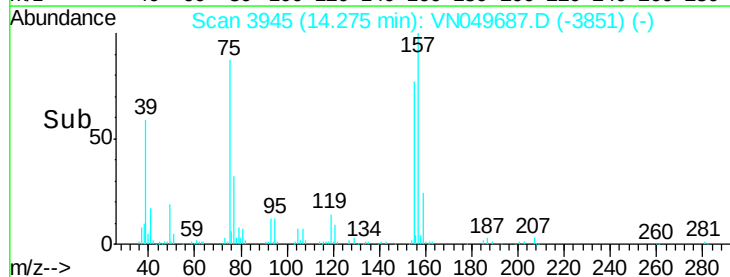
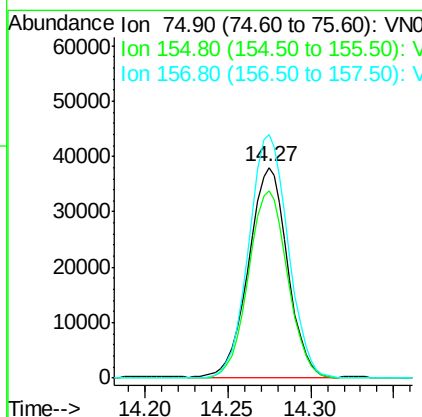
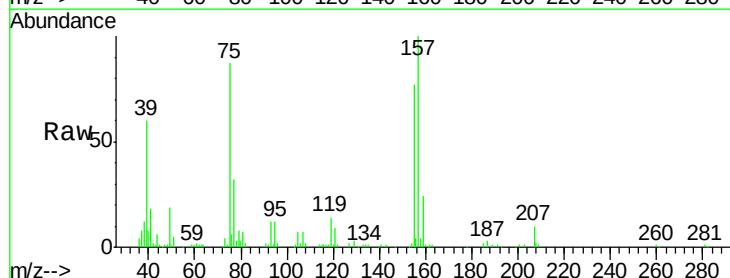
Instrument :
 MSVOA_N
 ClientSampled :

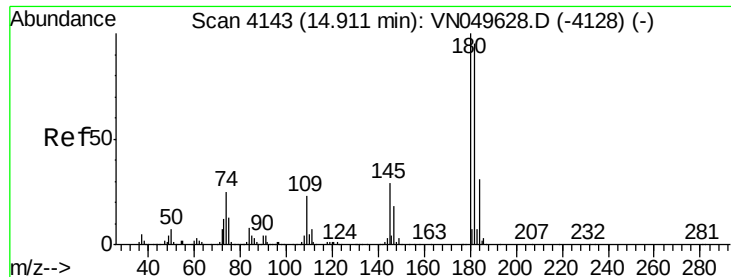
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.7	59.1
148	64.0	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 24.68 ug/l
 RT: 14.27 min Scan# 3945
 Delta R.T. 0.00 min
 Lab File: VN049687.D
 Acq: 3 Jul 2018 12:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.0	45.7	137.1
157	117.6	56.9	170.7

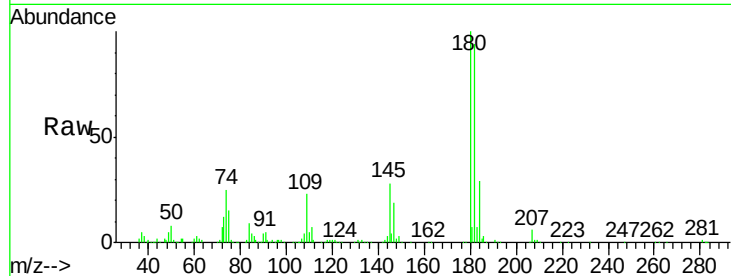




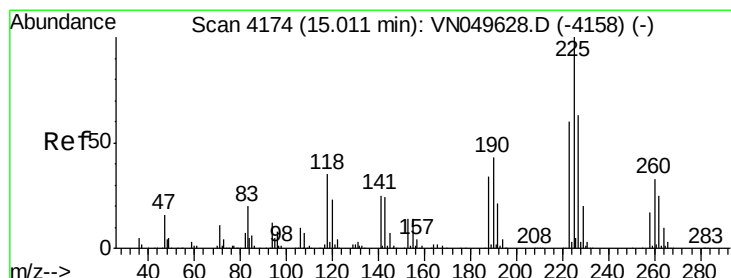
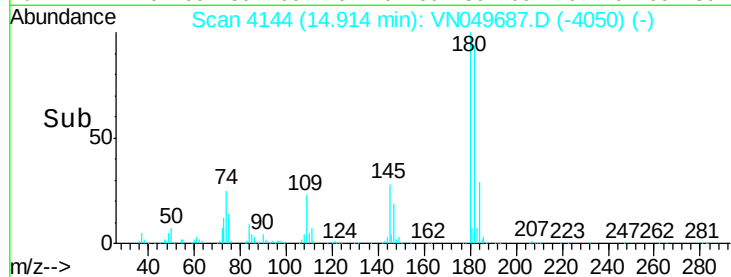
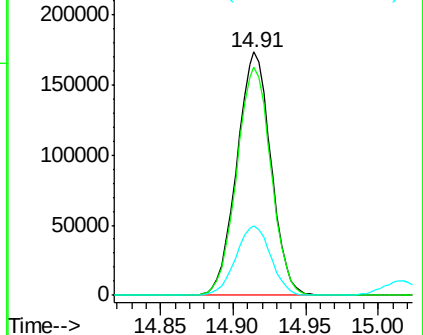
#93
 1,2,4-Trichlorobenzene
 Concen: 18.96 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049687.D
 Acq: 3 Jul 2018 12:14

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.3	141.9
145	29.4	14.4	43.0

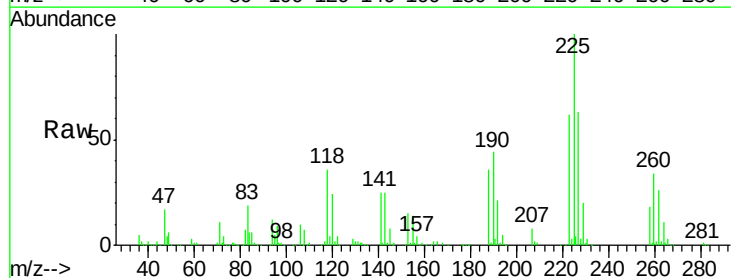


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

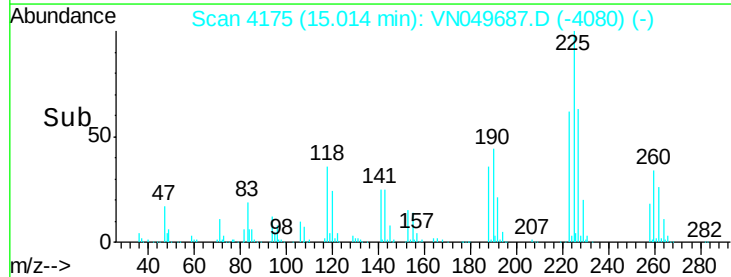
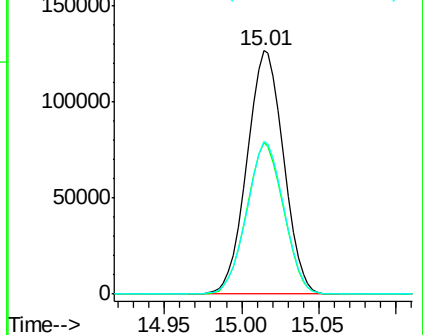


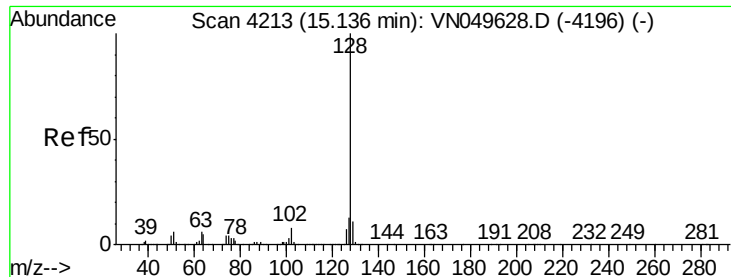
#94
 Hexachlorobutadiene
 Concen: 20.97 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049687.D
 Acq: 3 Jul 2018 12:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	30.9	92.7
227	63.4	31.8	95.4



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





#95

Naphthalene

Concen: 20.52 ug/l

RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

Instrument :

MSVOA_N

ClientSampled :

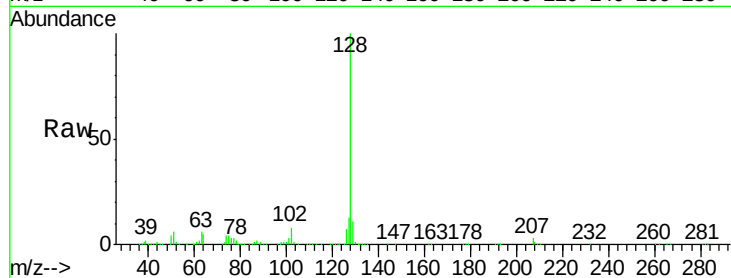
Tot Ion:128 Resp: 642277

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

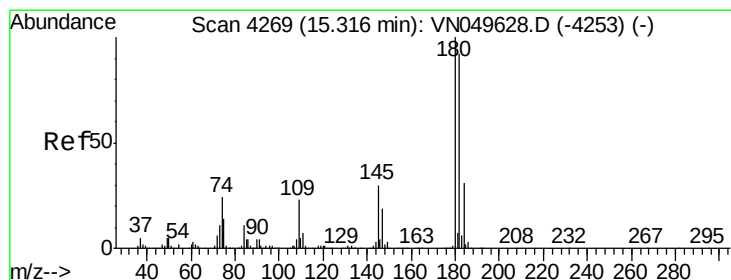
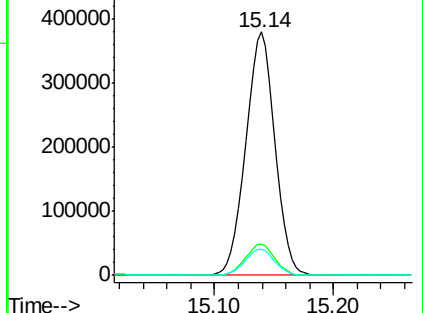
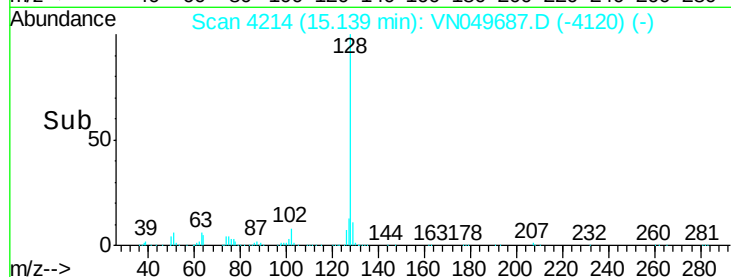
129 10.9 8.6 13.0



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: 20.73 ug/l

RT: 15.32 min Scan# 4270

Delta R.T. 0.00 min

Lab File: VN049687.D

Acq: 3 Jul 2018 12:14

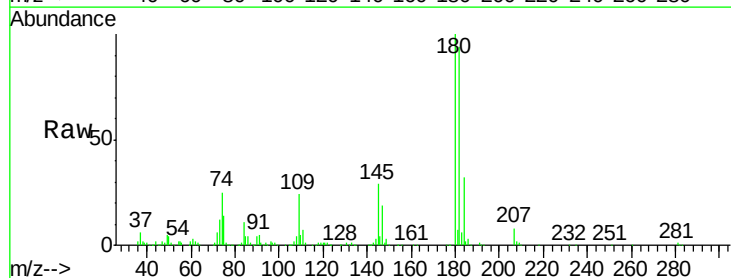
Tgt Ion:180 Resp: 304574

Ion Ratio Lower Upper

180 100

182 93.2 47.4 142.2

145 29.6 15.2 45.6



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

