

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN061318\
 Data File : VN049214.D
 Acq On : 13 Jun 2018 21:27
 Operator : MD\SY
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 14 04:27:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061318W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 14 04:25:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	651307	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1000486	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	938924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	495221	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	548745	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
35) Dibromofluoromethane	7.59	113	423943	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
50) Toluene-d8	10.09	98	1649169	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
62) 4-Bromofluorobenzene	12.40	95	551666	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	578021	60.35	ug/l	100
3) Chloromethane	2.06	50	544490	55.49	ug/l	100
4) Vinyl Chloride	2.18	62	596499	60.88	ug/l	100
5) Bromomethane	2.56	94	327033	60.81	ug/l	100
6) Chloroethane	2.70	64	387432	61.56	ug/l	100
7) Trichlorofluoromethane	3.01	101	839113	62.63	ug/l	100
8) Diethyl Ether	3.41	74	230248	49.26	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	405371	49.79	ug/l	100
10) Methyl Iodide	3.95	142	448942	57.53	ug/l	100
11) Tert butyl alcohol	4.80	59	134043	228.12	ug/l	100
12) 1,1-Dichloroethene	3.73	96	374087	49.95	ug/l	100
13) Acrolein	3.61	56	190404	351.52	ug/l	100
14) Allyl chloride	4.32	41	689676	48.21	ug/l	100
15) Acrylonitrile	4.99	53	725953	229.68	ug/l	100
16) Acetone	3.82	43	566010	230.79	ug/l	100
17) Carbon Disulfide	4.05	76	1203470	48.58	ug/l	100
18) Methyl Acetate	4.33	43	361124	45.63	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	1120038	50.51	ug/l	100
20) Methylene Chloride	4.55	84	446886	48.98	ug/l	100
21) trans-1,2-Dichloroethene	5.04	96	413997	48.50	ug/l	100
22) Diisopropyl ether	5.96	45	1469323	48.31	ug/l	100
23) Vinyl Acetate	5.90	43	5130955	247.55	ug/l	100
24) 1,1-Dichloroethane	5.85	63	844046	48.69	ug/l	100
25) 2-Butanone	6.84	43	862700	231.92	ug/l	100
26) 2,2-Dichloropropane	6.83	77	680098	49.58	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	466307	48.81	ug/l	100
28) Bromochloromethane	7.19	49	426531	56.46	ug/l	100
29) Tetrahydrofuran	7.22	42	560081	234.77	ug/l	100
30) Chloroform	7.37	83	851780	50.55	ug/l	100
31) Cyclohexane	7.65	56	755725	47.30	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	754407	52.42	ug/l	100
36) 1,1-Dichloropropene	7.79	75	651452	52.05	ug/l	100
37) Ethyl Acetate	6.93	43	400505	49.89	ug/l	100
38) Carbon Tetrachloride	7.77	117	665943	54.20	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	662043	50.62	ug/l	100
40) Benzene	8.04	78	1877785	50.07	ug/l	100
41) Methacrylonitrile	7.21	41	575529	130.28	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	665427	54.52	ug/l	100
43) Isopropyl Acetate	8.17	43	743697	48.57	ug/l	100
44) Trichloroethene	8.84	130	461437	50.25	ug/l	100
45) 1,2-Dichloropropane	9.12	63	513226	49.97	ug/l	100
46) Dibromomethane	9.21	93	294124	51.41	ug/l	100
47) Bromodichloromethane	9.40	83	671927	52.93	ug/l	100
48) Methyl methacrylate	9.20	41	372651	50.99	ug/l	100
49) 1,4-Dioxane	9.20	88	80481	980.87	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	2001738	247.46	ug/l	100
52) Toluene	10.16	92	1145321	50.94	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	649704	51.33	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	750114	51.03	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	403773	50.39	ug/l	100
56) Ethyl methacrylate	10.43	69	519898	49.96	ug/l	100
57) 1,3-Dichloropropane	10.71	76	695895	49.87	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	869901	252.85	ug/l	100
59) 2-Hexanone	10.75	43	1280772	246.00	ug/l	100
60) Dibromochloromethane	10.90	129	471524	52.72	ug/l	100
61) 1,2-Dibromoethane	11.01	107	376340	50.19	ug/l	100
64) Tetrachloroethene	10.63	164	470214	51.79	ug/l	100
65) Chlorobenzene	11.44	112	1208234	50.01	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	460395	51.05	ug/l	100
67) Ethyl Benzene	11.51	91	2219142	51.63	ug/l	100
68) m/p-Xylenes	11.62	106	1689229	105.74	ug/l	100
69) o-Xylene	11.95	106	802960	52.29	ug/l	100
70) Styrene	11.97	104	1316919	53.37	ug/l	100
71) Bromoform	12.13	173	300425	50.94	ug/l #	100
73) Isopropylbenzene	12.25	105	2188572	47.67	ug/l	100
74) N-amyl acetate	12.07	43	635563	46.60	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	487592	43.50	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	631499	66.23	ug/l #	100
77) Bromobenzene	12.53	156	499922	46.36	ug/l	100
78) n-propylbenzene	12.59	91	2553531	48.69	ug/l	100
79) 2-Chlorotoluene	12.68	91	1504062	47.25	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1810957	49.37	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	129515	43.32	ug/l	100
82) 4-Chlorotoluene	12.78	91	1513309	48.26	ug/l	100
83) tert-Butylbenzene	13.00	119	1502533	48.62	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1842569	49.74	ug/l	100
85) sec-Butylbenzene	13.17	105	2047435	48.63	ug/l	100
86) p-Isopropyltoluene	13.29	119	1769508	50.55	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	917977	49.44	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	890624	49.51	ug/l	100
89) n-Butylbenzene	13.62	91	1459231	51.55	ug/l	100
90) Hexachloroethane	13.88	117	344290	45.98	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	893411	50.07	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	77302	47.77	ug/l	100

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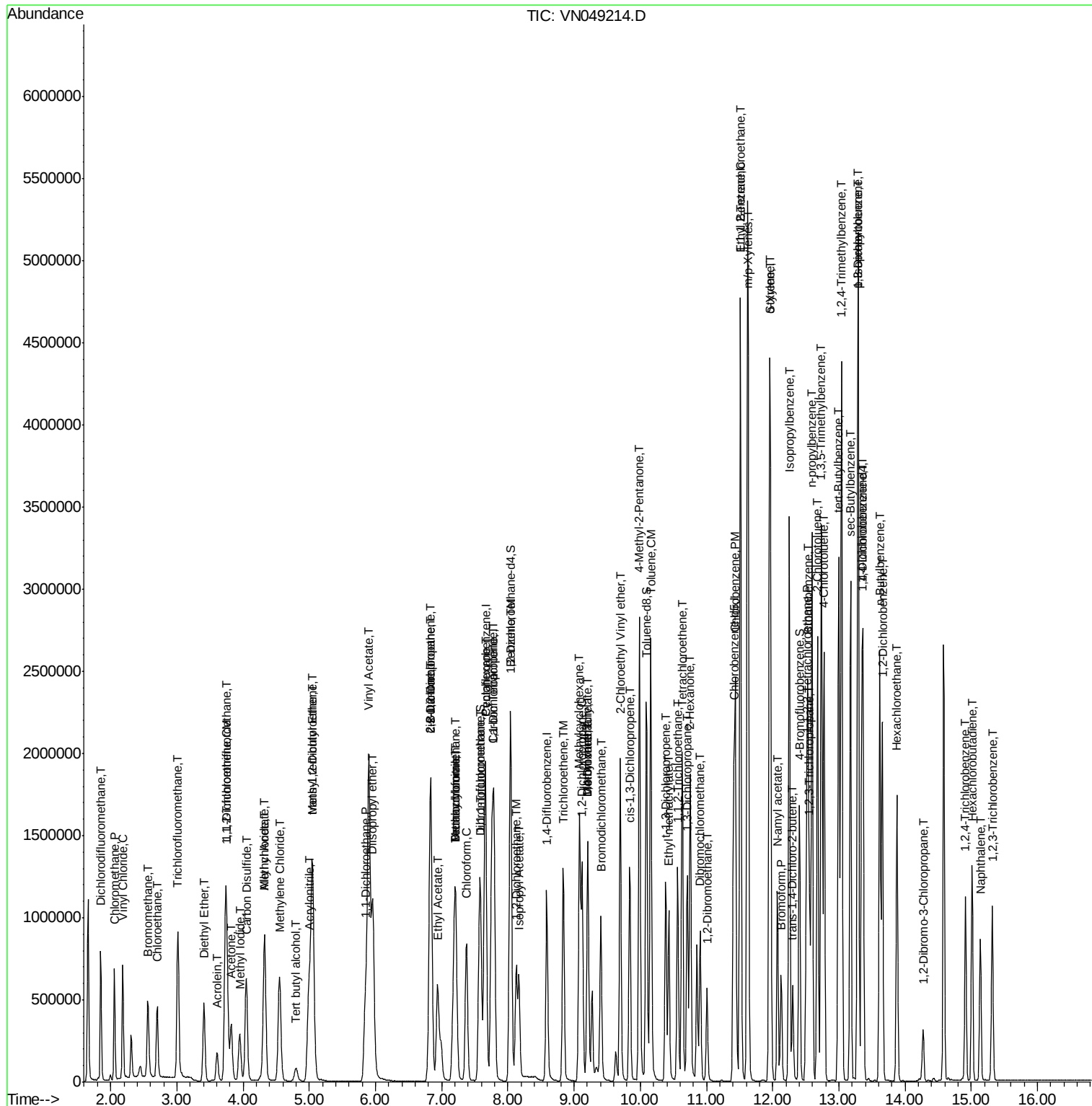
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

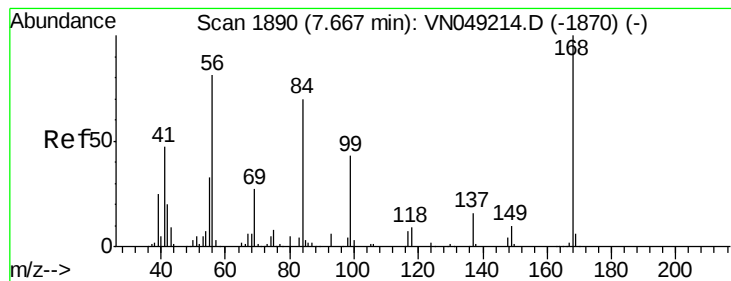
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Quant Title : SW846 8260
QLast Update : Thu Jun 14 04:25:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	353378	50.03	ug/l	100
94) Hexachlorobutadiene	15.01	225	246922	45.84	ug/l	100
95) Naphthalene	15.14	128	724929	46.81	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	355386	49.39	ug/l	100

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

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Instrument :

MSVOA_N

ClientSampleId :

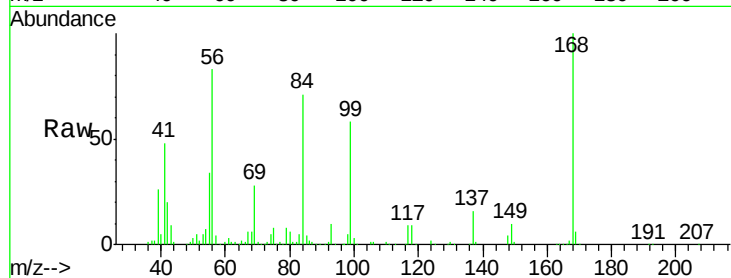
VSTDICCC050

Tgt Ion:168 Resp: 651307

Ion Ratio Lower Upper

168 100

99 57.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

300000

250000

200000

150000

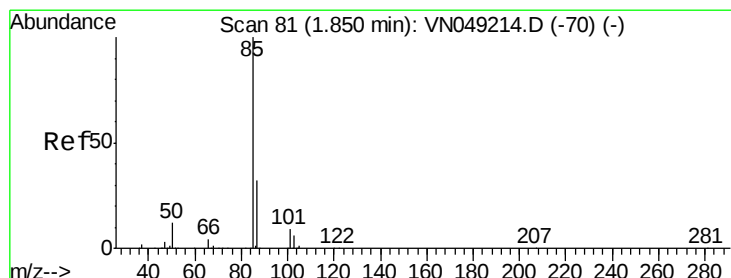
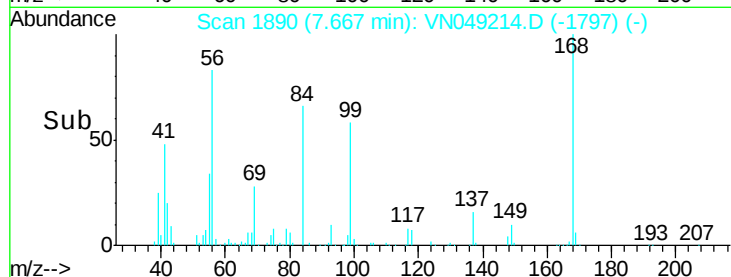
100000

50000

0

7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 60.35 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN049214.D

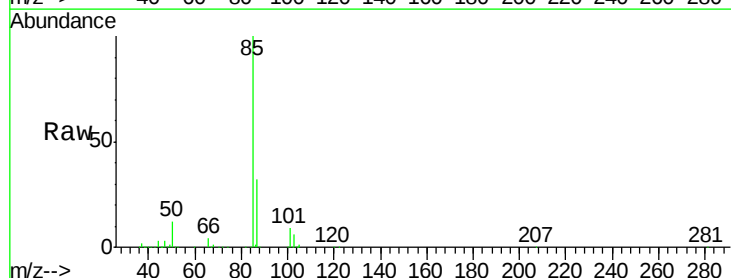
Acq: 13 Jun 2018 21:27

Tgt Ion: 85 Resp: 578021

Ion Ratio Lower Upper

85 100

87 32.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

500000

400000

300000

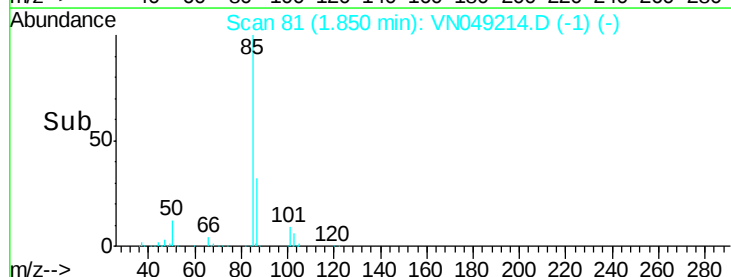
200000

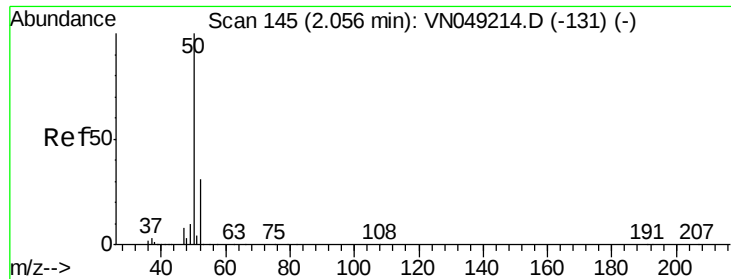
100000

0

1.80 1.85 1.90 1.95

Time-->

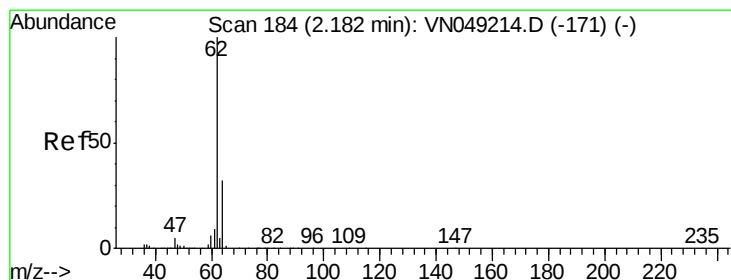
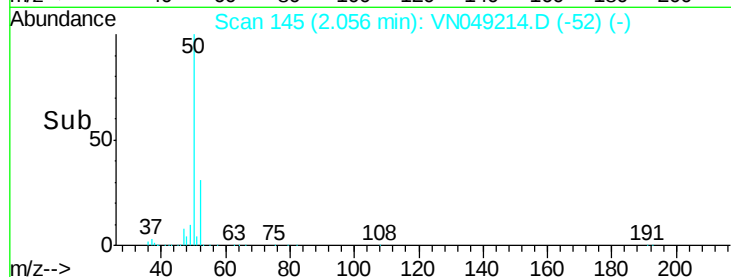
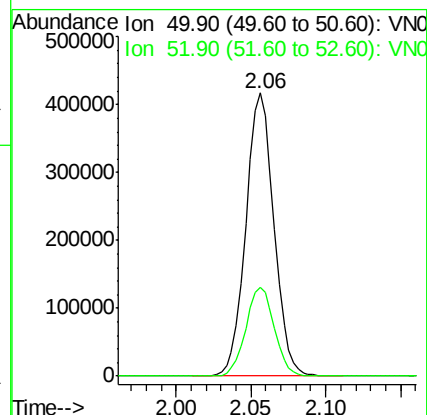
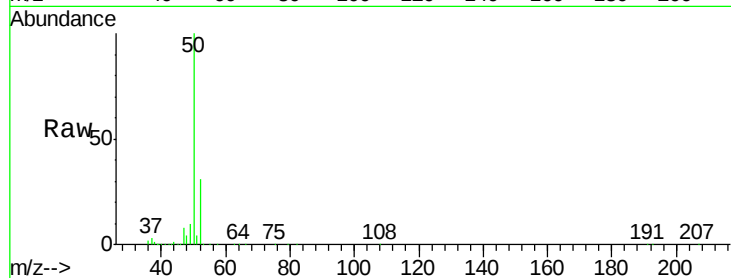




#3
Chloromethane
Concen: 55.49 ug/l
RT: 2.06 min Scan# 145
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

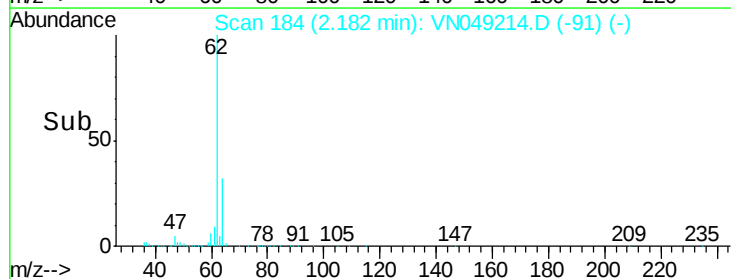
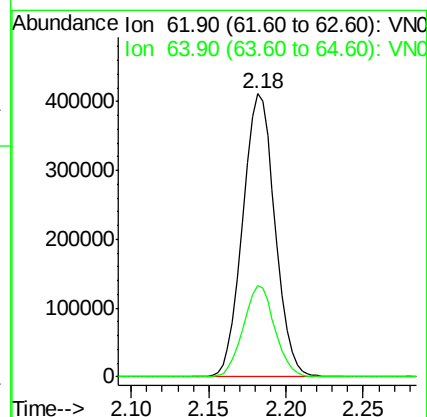
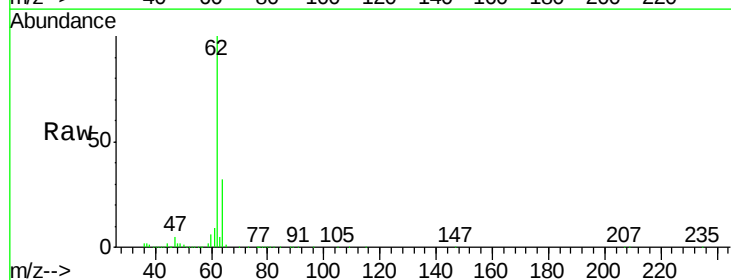
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

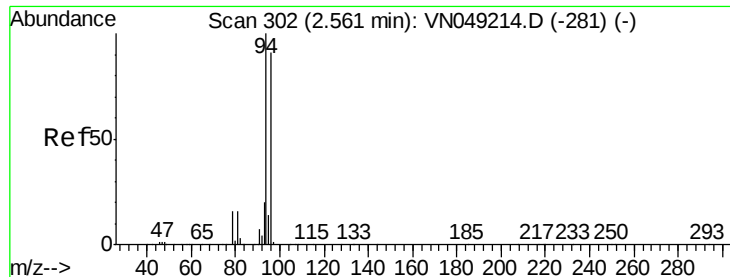
Tgt Ion: 50 Resp: 544490
Ion Ratio Lower Upper
50 100
52 31.5 25.2 37.8



#4
Vinyl Chloride
Concen: 60.88 ug/l
RT: 2.18 min Scan# 184
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Tgt Ion: 62 Resp: 596499
Ion Ratio Lower Upper
62 100
64 32.1 25.7 38.5





#5

Bromomethane

Concen: 60.81 ug/l

RT: 2.56 min Scan# 302

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Instrument :

MSVOA_N

ClientSampleId :

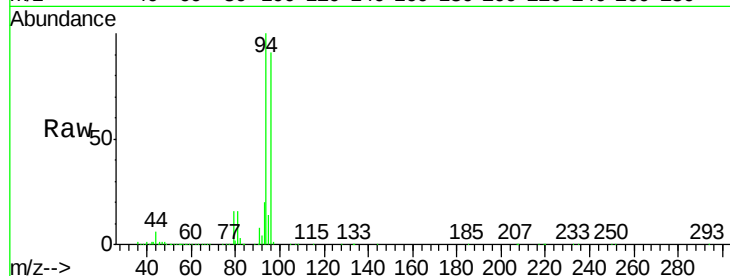
VSTDICCC050

Tgt Ion: 94 Resp: 327033

Ion Ratio Lower Upper

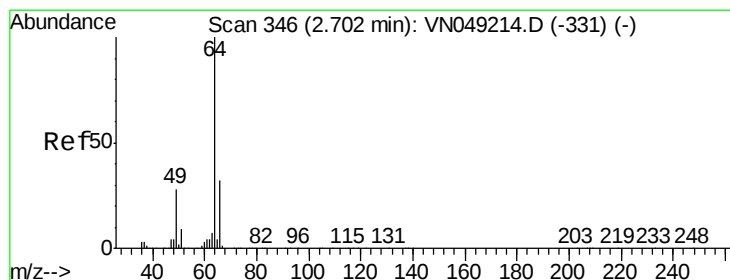
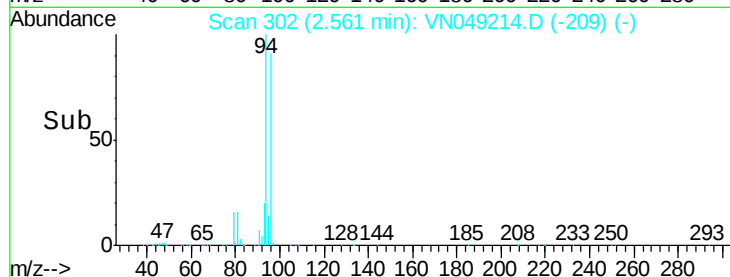
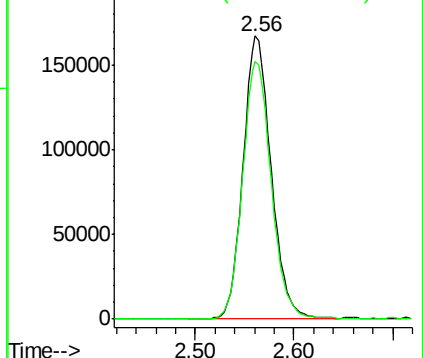
94 100

96 91.0 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 61.56 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049214.D

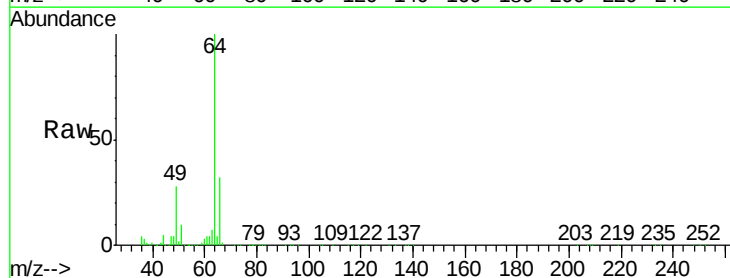
Acq: 13 Jun 2018 21:27

Tgt Ion: 64 Resp: 387432

Ion Ratio Lower Upper

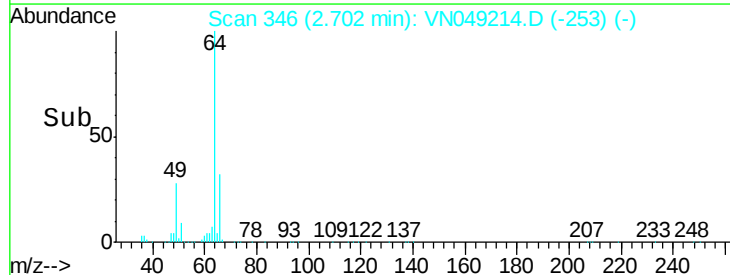
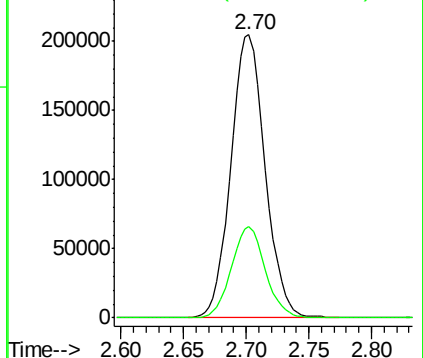
64 100

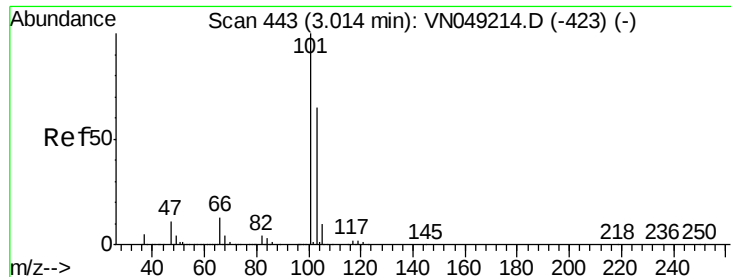
66 32.0 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



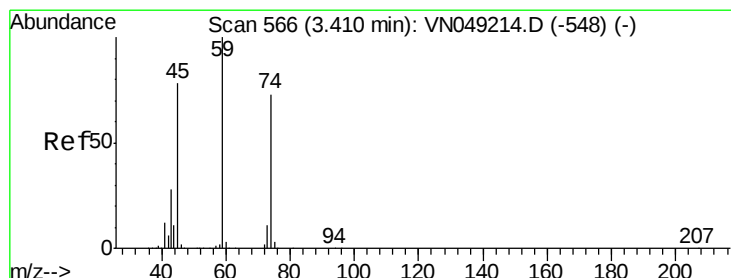
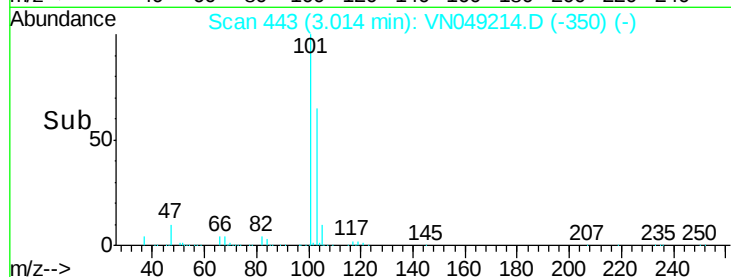
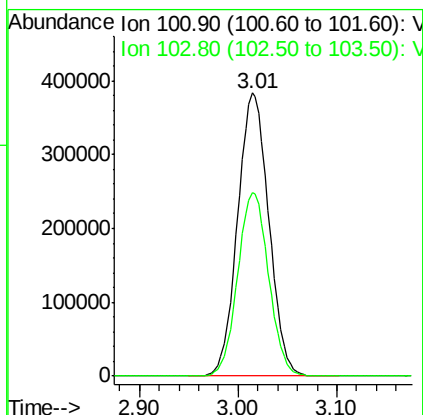
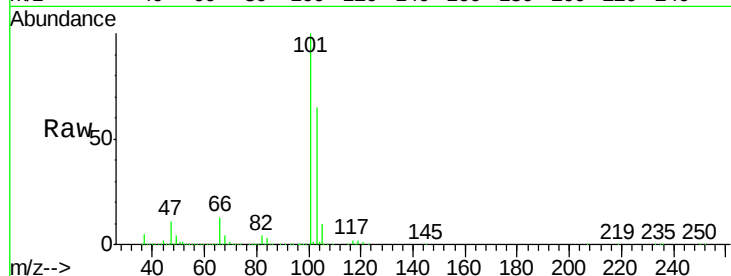


#7

Trichlorofluoromethane
 Concen: 62.63 ug/l
 RT: 3.01 min Scan# 443
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

Instrument :
 MSVOA_N
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 VSTDICCC050

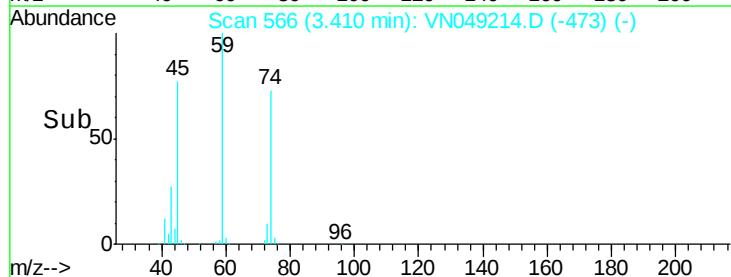
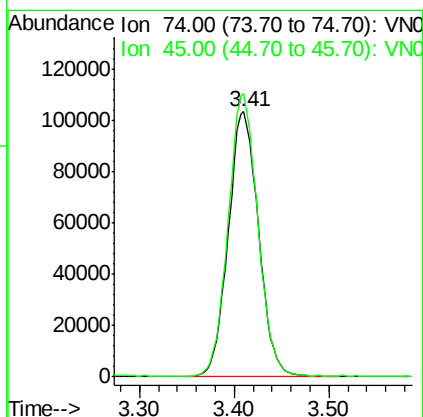
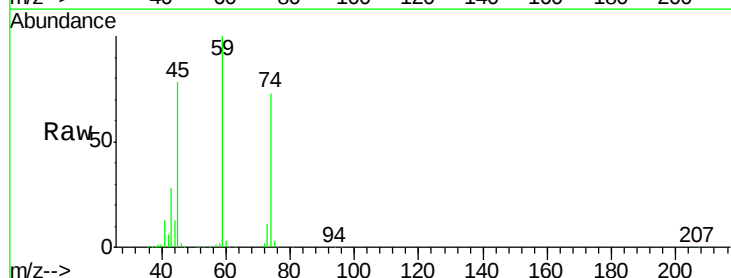
Tgt Ion:101 Resp: 839113
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.7 77.5

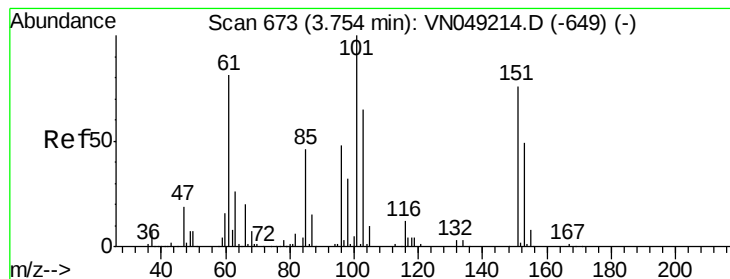


#8

Diethyl Ether
 Concen: 49.26 ug/l
 RT: 3.41 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

Tgt Ion: 74 Resp: 230248
 Ion Ratio Lower Upper
 74 100
 45 103.9 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.79 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

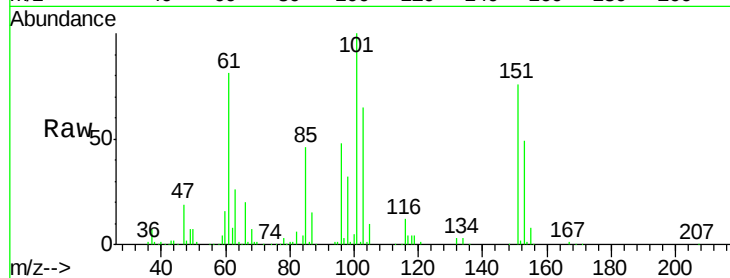
Tgt Ion:101 Resp: 405371

Ion Ratio Lower Upper

101 100

85 47.0 37.6 56.4

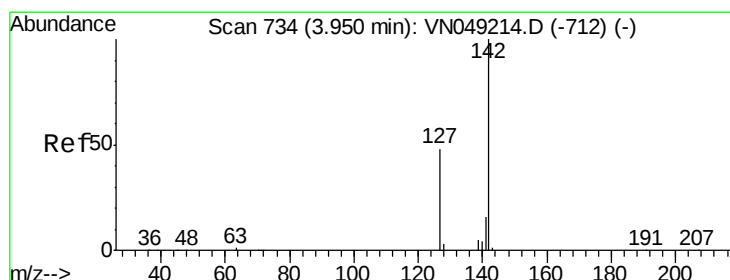
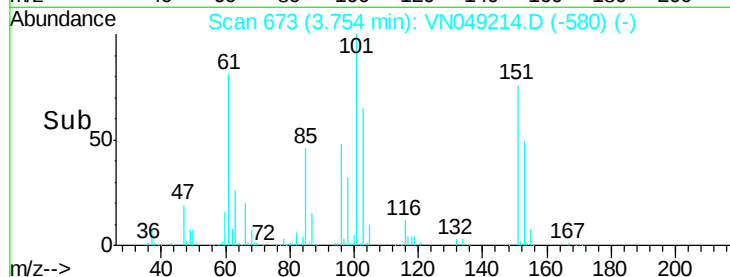
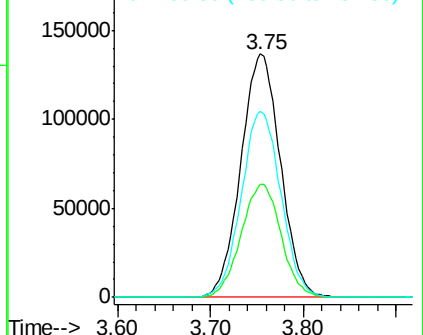
151 76.4 61.1 91.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 57.53 ug/l

RT: 3.95 min Scan# 734

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

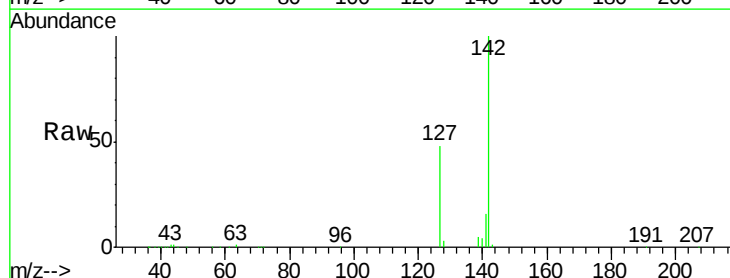
Tgt Ion:142 Resp: 448942

Ion Ratio Lower Upper

142 100

127 47.8 38.2 57.4

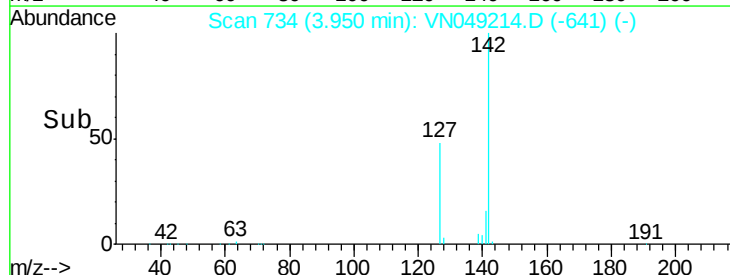
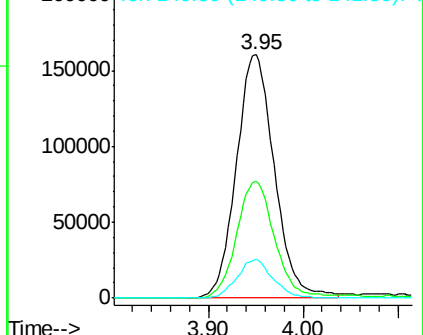
141 14.9 11.9 17.9

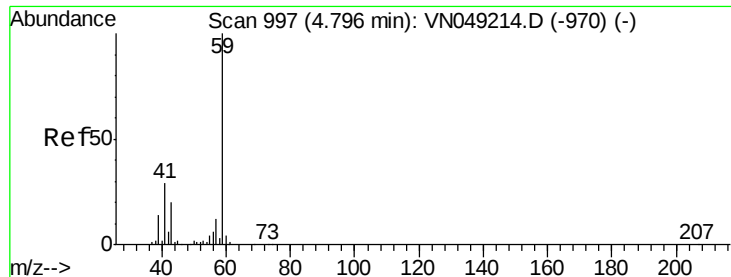


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



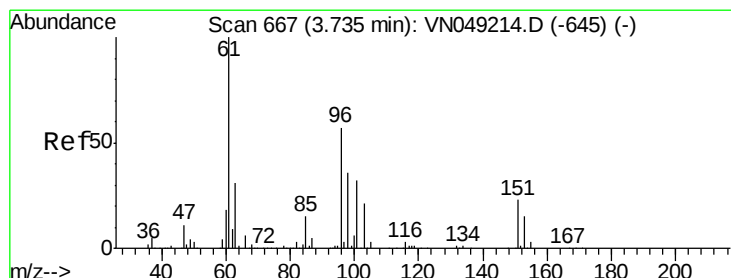
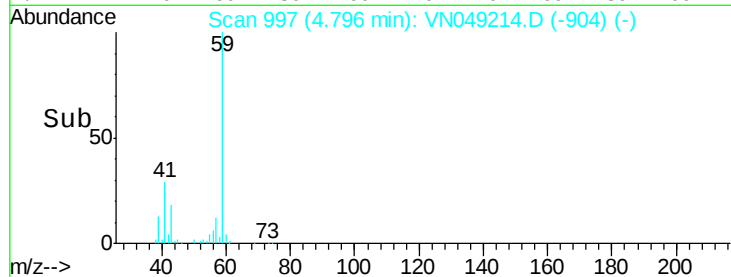
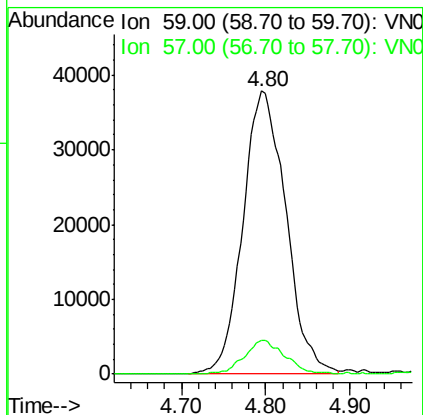
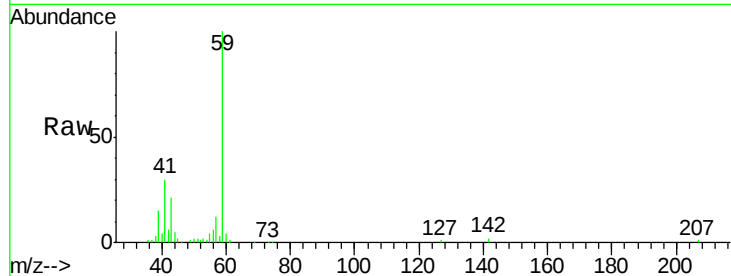


#11

Tert butyl alcohol
Concen: 228.12 ug/l
RT: 4.80 min Scan# 997
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

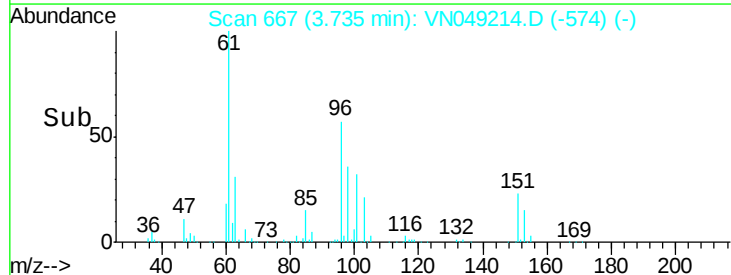
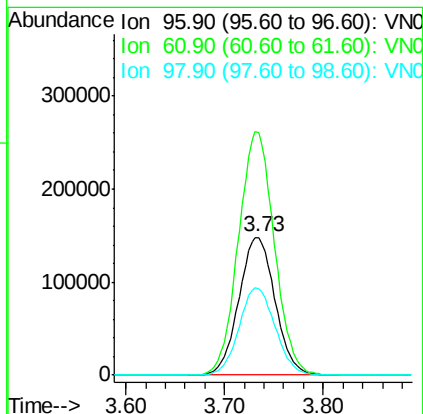
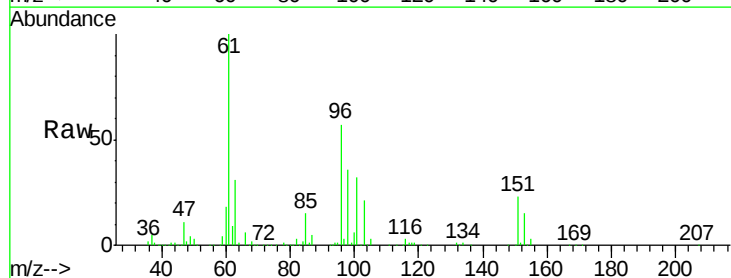
Tgt Ion: 59 Resp: 134043
Ion Ratio Lower Upper
59 100
57 11.3 9.0 13.6

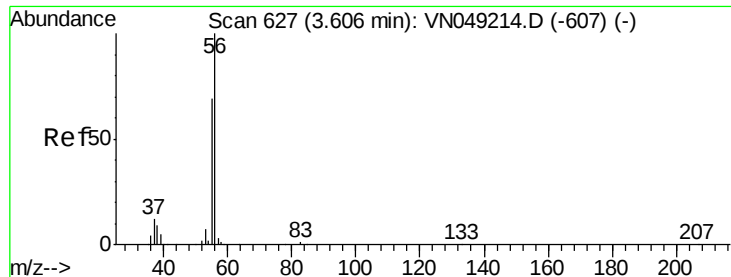


#12

1,1-Dichloroethene
Concen: 49.95 ug/l
RT: 3.73 min Scan# 667
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Tgt Ion: 96 Resp: 374087
Ion Ratio Lower Upper
96 100
61 176.2 141.0 211.4
98 63.0 50.4 75.6





#13

Acrolein

Concen: 351.52 ug/l

RT: 3.61 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Instrument :

MSVOA_N

ClientSampleId :

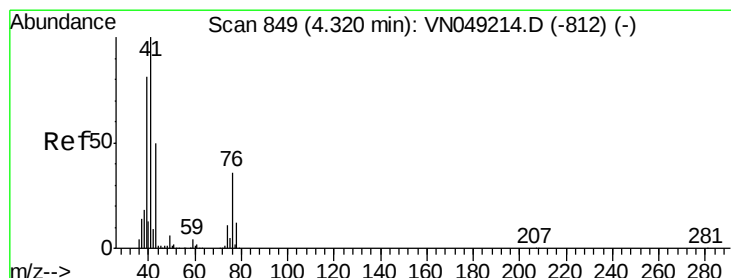
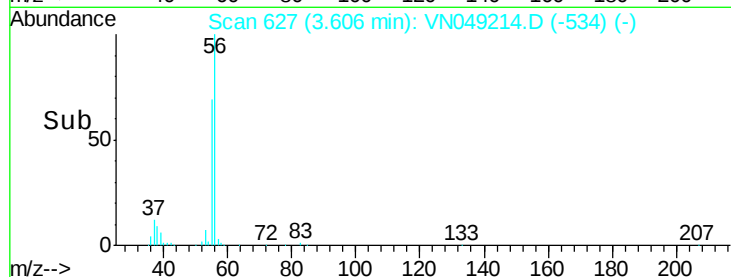
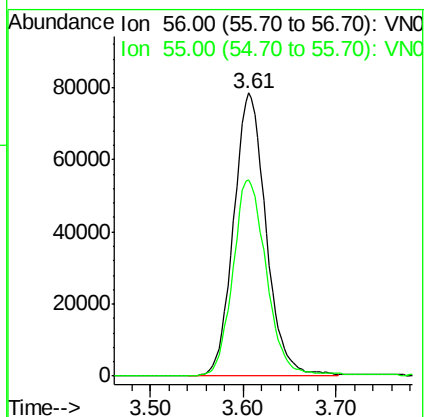
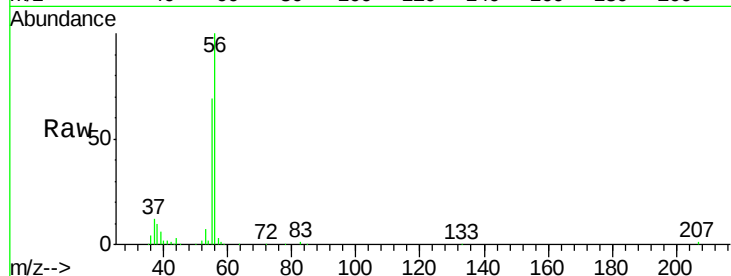
VSTDICCC050

Tgt Ion: 56 Resp: 190404

Ion Ratio Lower Upper

56 100

55 71.4 57.1 85.7



#14

Allyl chloride

Concen: 48.21 ug/l

RT: 4.32 min Scan# 849

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

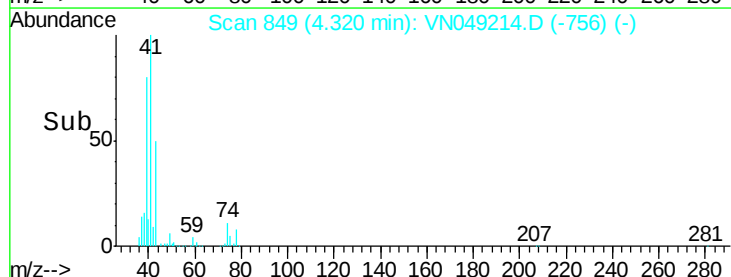
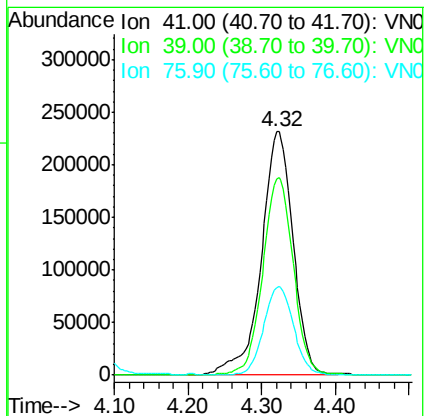
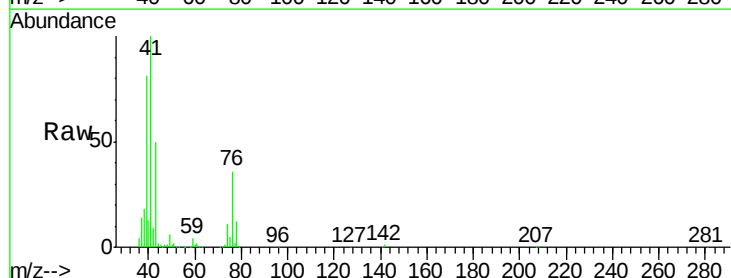
Tgt Ion: 41 Resp: 689676

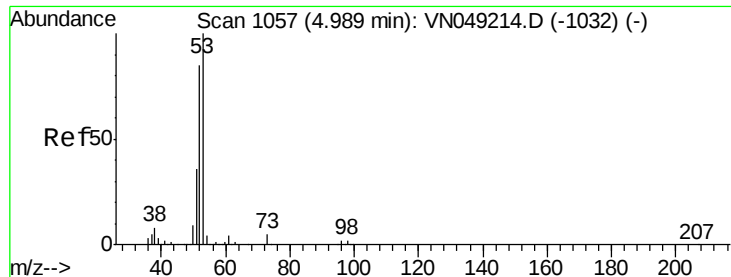
Ion Ratio Lower Upper

41 100

39 78.1 62.5 93.7

76 33.9 27.1 40.7





#15

Acrylonitrile

Concen: 229.68 ug/l

RT: 4.99 min Scan# 1057

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

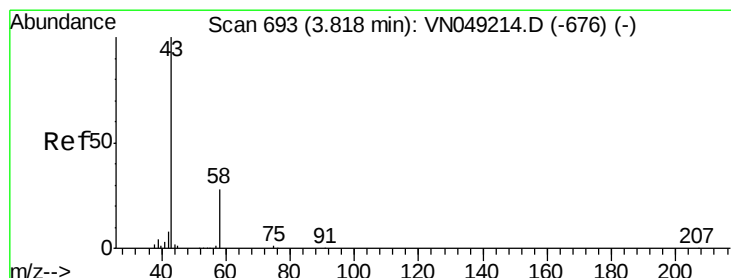
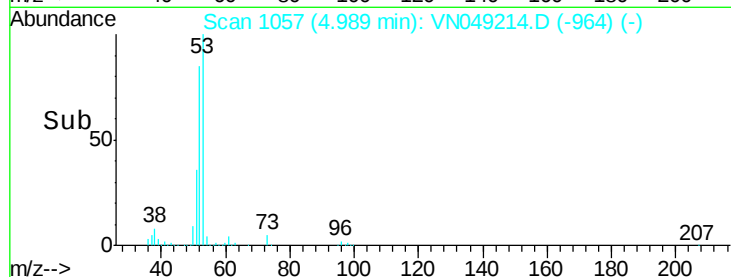
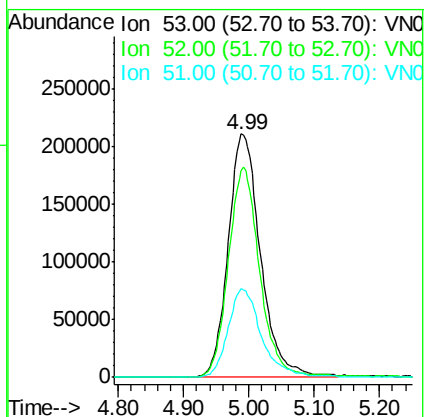
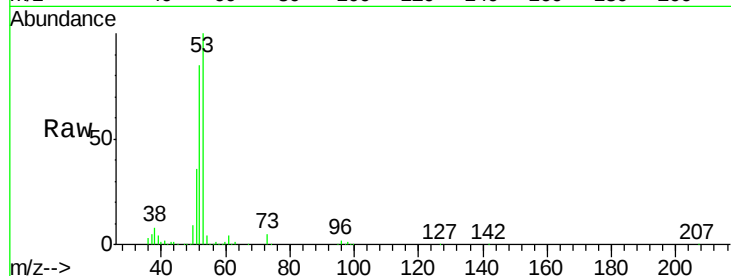
Tgt Ion: 53 Resp: 725953

Ion Ratio Lower Upper

53 100

52 83.3 66.6 100.0

51 37.3 29.8 44.8



#16

Acetone

Concen: 230.79 ug/l

RT: 3.82 min Scan# 693

Delta R.T. 0.00 min

Lab File: VN049214.D

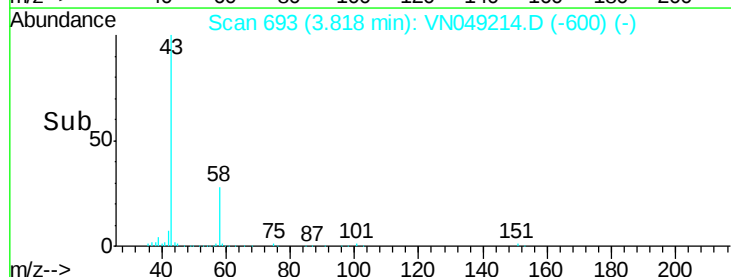
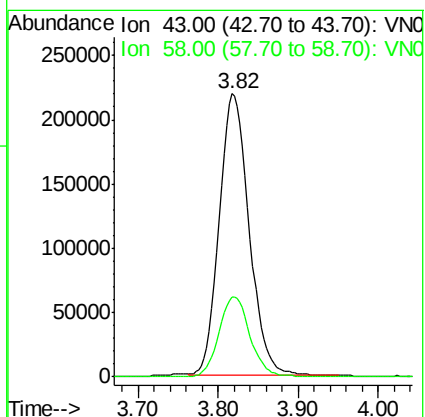
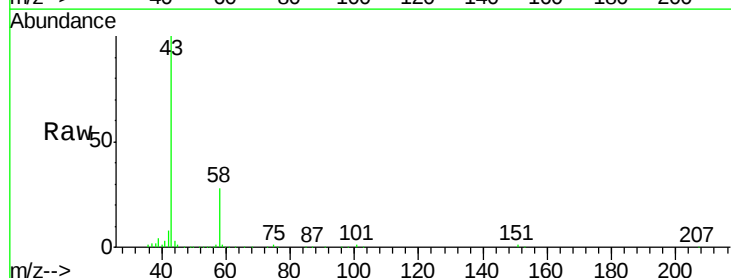
Acq: 13 Jun 2018 21:27

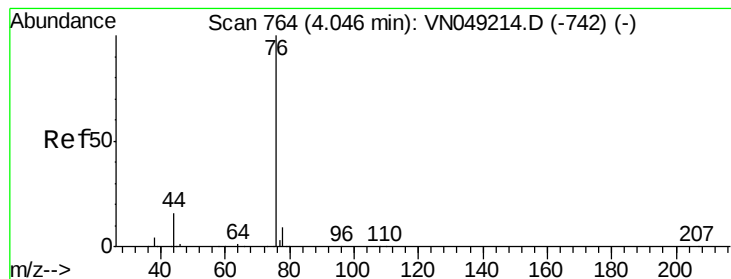
Tgt Ion: 43 Resp: 566010

Ion Ratio Lower Upper

43 100

58 28.0 22.4 33.6





#17

Carbon Disulfide

Concen: 48.58 ug/l

RT: 4.05 min Scan# 764

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Instrument :

MSVOA_N

ClientSampleId :

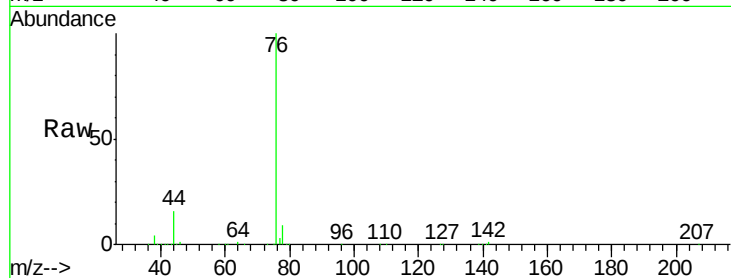
VSTDICCC050

Tgt Ion: 76 Resp: 1203470

Ion Ratio Lower Upper

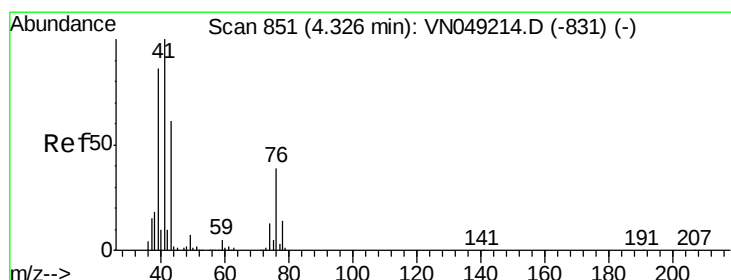
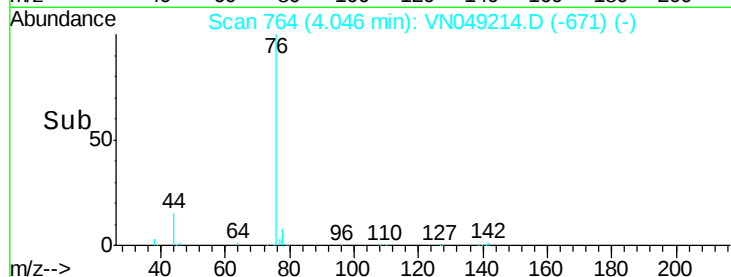
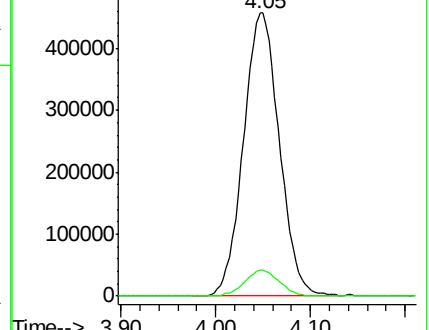
76 100

78 9.2 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN049214.D (-742) (-)

Ion 77.90 (77.60 to 78.60): VN049214.D (-742) (-)



#18

Methyl Acetate

Concen: 45.63 ug/l

RT: 4.33 min Scan# 851

Delta R.T. 0.00 min

Lab File: VN049214.D

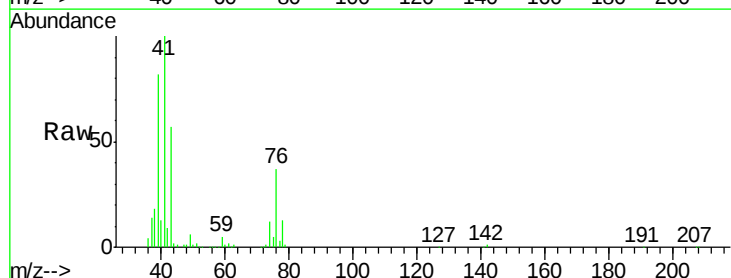
Acq: 13 Jun 2018 21:27

Tgt Ion: 43 Resp: 361124

Ion Ratio Lower Upper

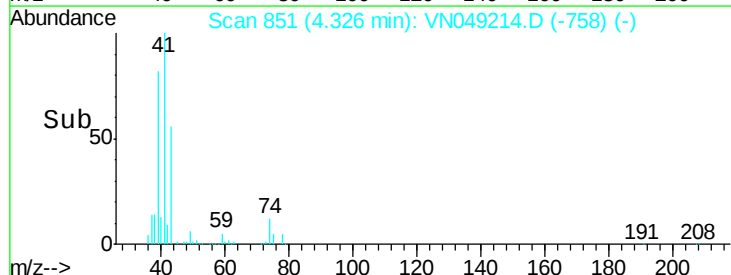
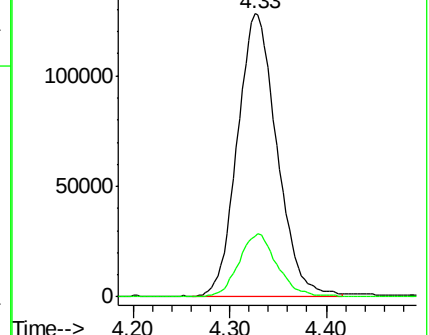
43 100

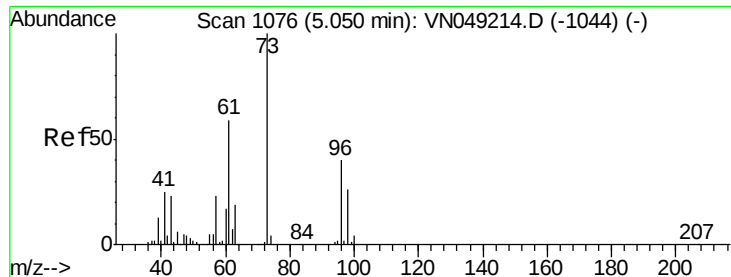
74 21.7 17.4 26.0



Abundance Ion 43.00 (42.70 to 43.70): VN049214.D (-831) (-)

Ion 74.00 (73.70 to 74.70): VN049214.D (-831) (-)





#19

Methyl tert-butyl Ether

Concen: 50.51 ug/l

RT: 5.05 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Instrument :

MSVOA_N

ClientSampleId :

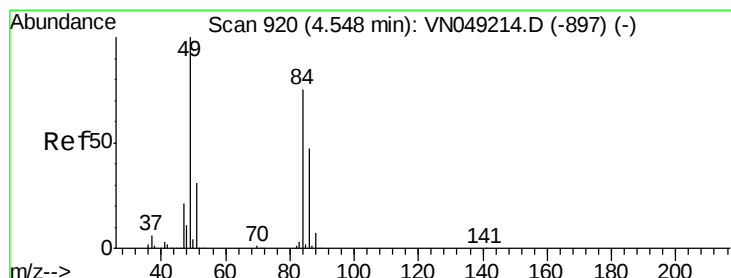
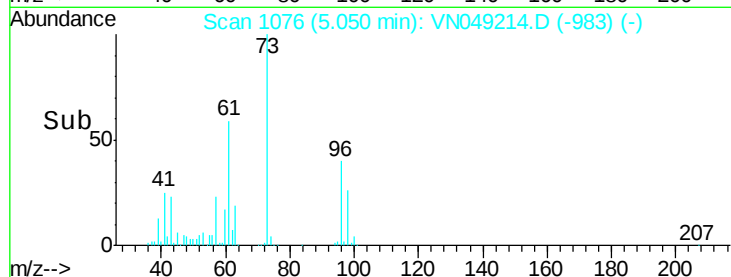
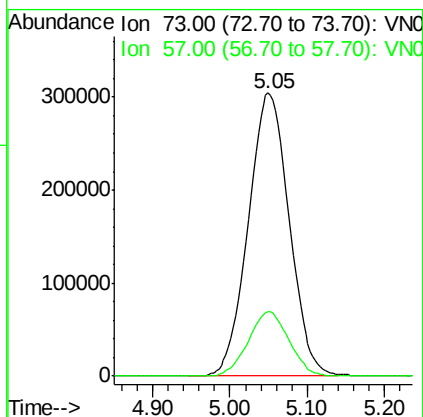
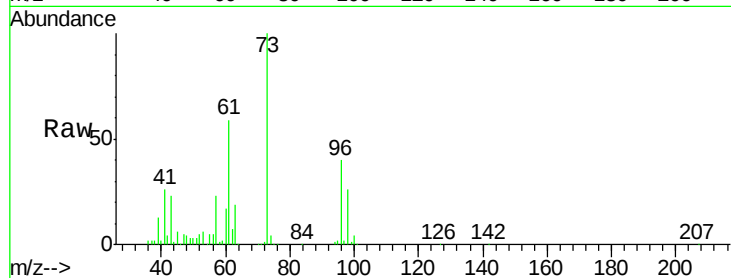
VSTDICCC050

Tgt Ion: 73 Resp: 1120038

Ion Ratio Lower Upper

73 100

57 22.8 18.2 27.4



#20

Methylene Chloride

Concen: 48.98 ug/l

RT: 4.55 min Scan# 920

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Tgt Ion: 84 Resp: 446886

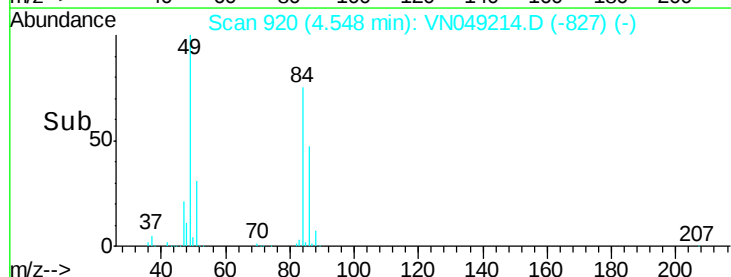
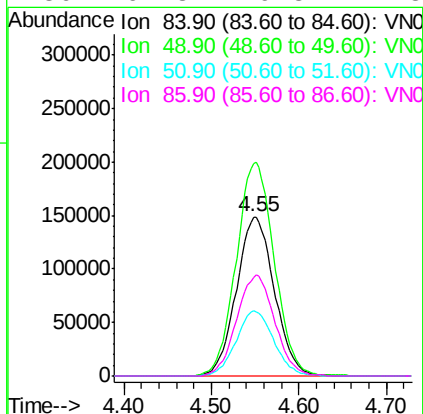
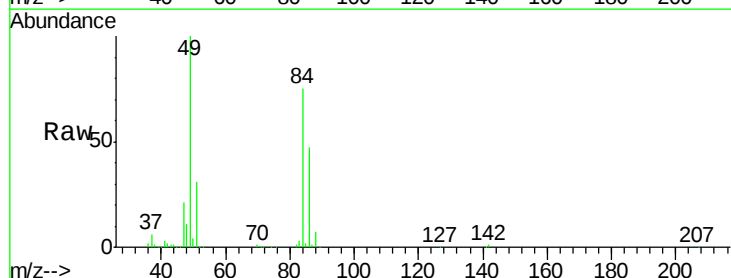
Ion Ratio Lower Upper

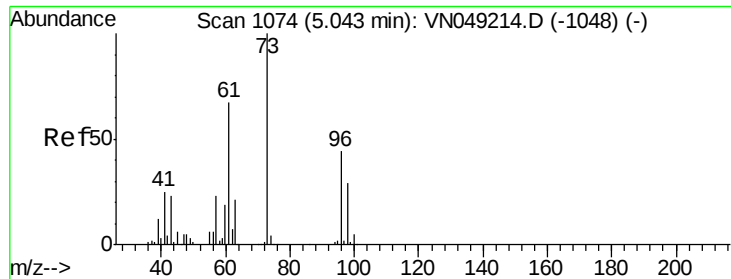
84 100

49 133.6 106.9 160.3

51 40.9 32.7 49.1

86 62.3 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 48.50 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

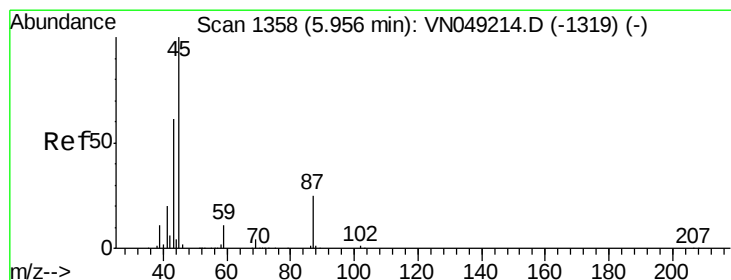
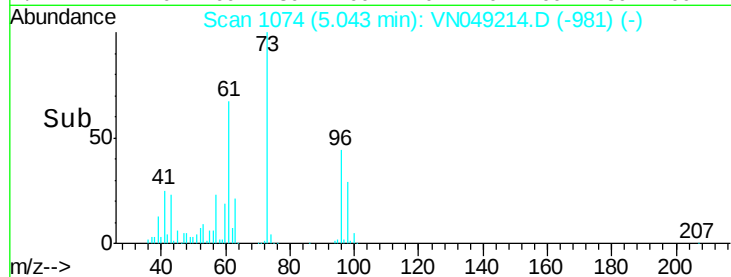
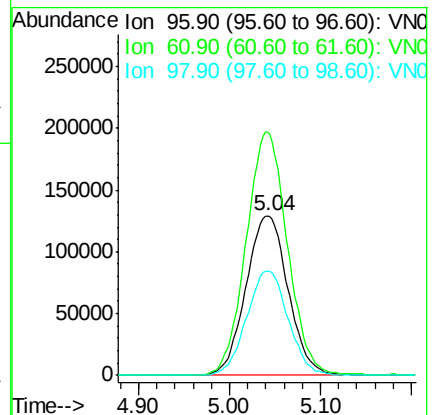
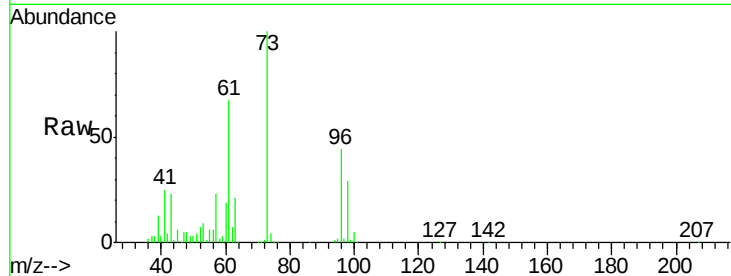
Tgt Ion: 96 Resp: 413997

Ion Ratio Lower Upper

96 100

61 151.6 121.3 181.9

98 65.0 52.0 78.0



#22

Diisopropyl ether

Concen: 48.31 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Tgt Ion: 45 Resp: 1469323

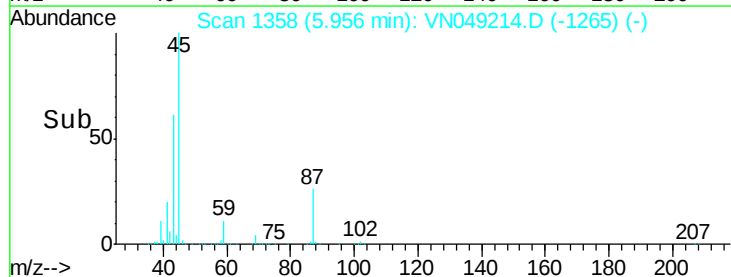
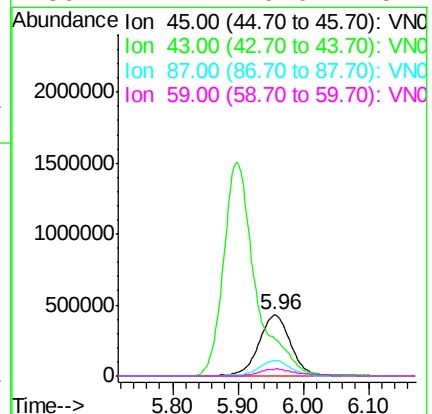
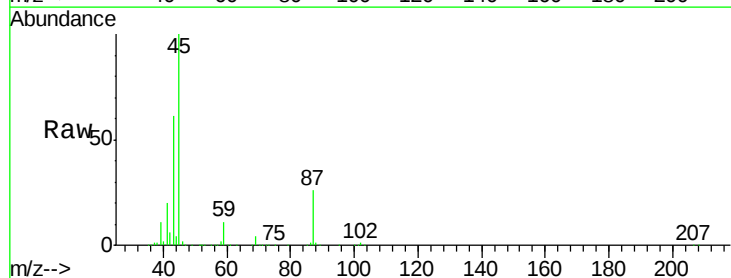
Ion Ratio Lower Upper

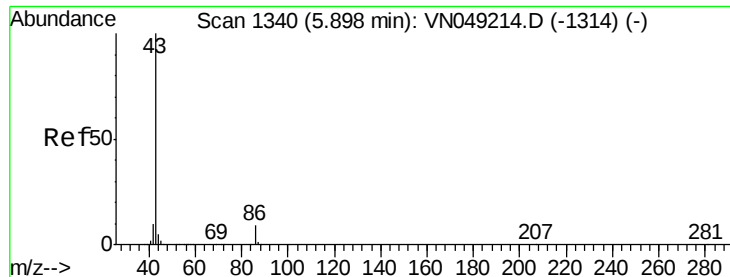
45 100

43 60.7 48.6 72.8

87 25.2 20.2 30.2

59 11.2 9.0 13.4

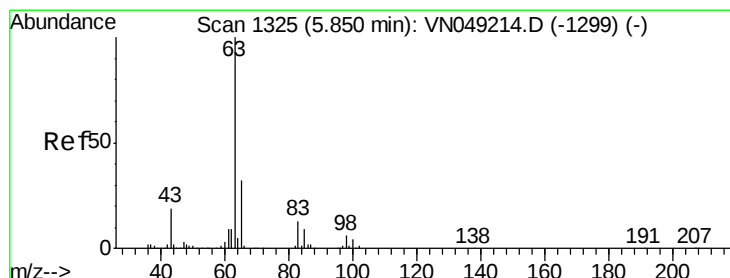
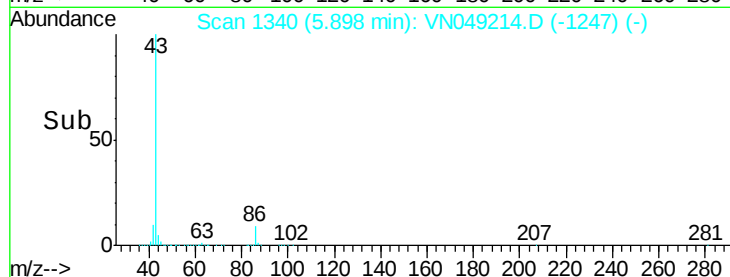
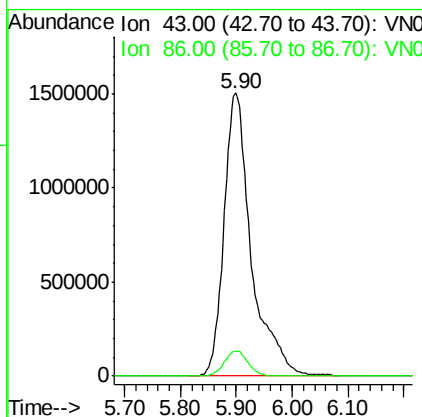
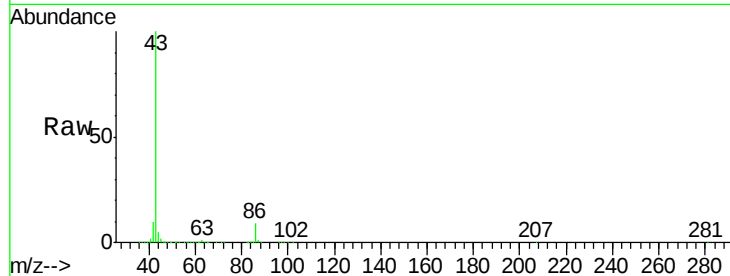




#23
 Vinyl Acetate
 Concen: 247.55 ug/l
 RT: 5.90 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

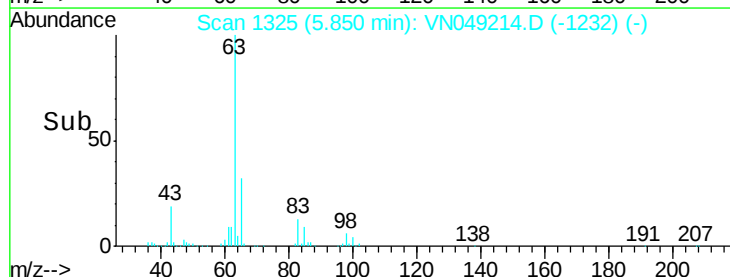
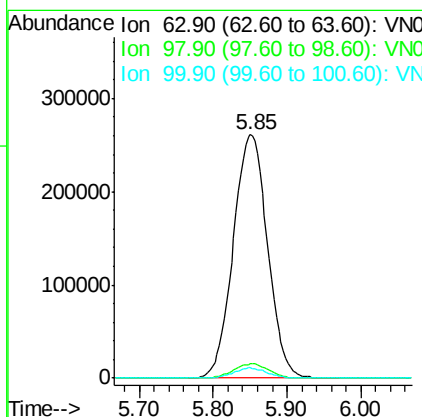
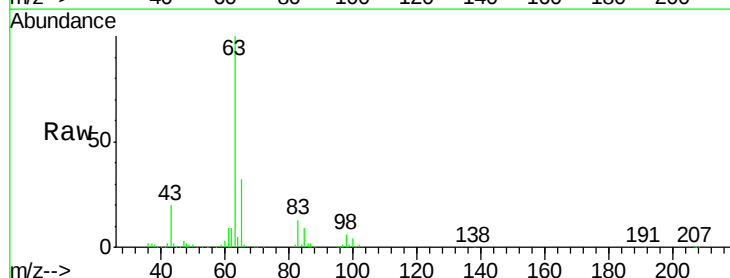
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

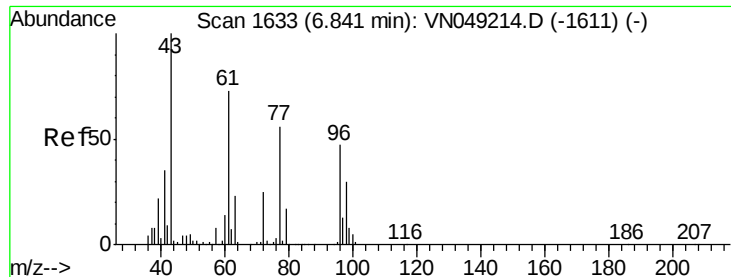
Tgt Ion: 43 Resp: 5130955
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.2 10.8



#24
 1,1-Dichloroethane
 Concen: 48.69 ug/l
 RT: 5.85 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

Tgt Ion: 63 Resp: 844046
 Ion Ratio Lower Upper
 63 100
 98 5.9 2.9 8.8
 100 4.2 2.1 6.3





#25

2-Butanone

Concen: 231.92 ug/l

RT: 6.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Instrument :

MSVOA_N

ClientSampleId :

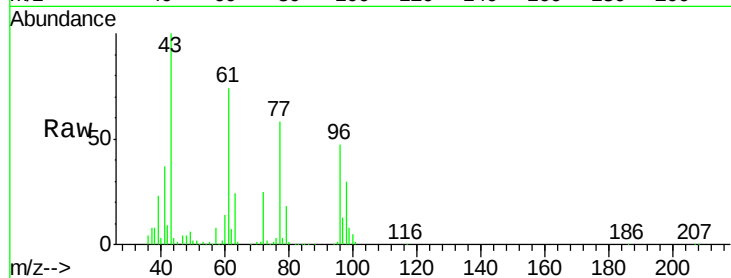
VSTDICCC050

Tgt Ion: 43 Resp: 862700

Ion Ratio Lower Upper

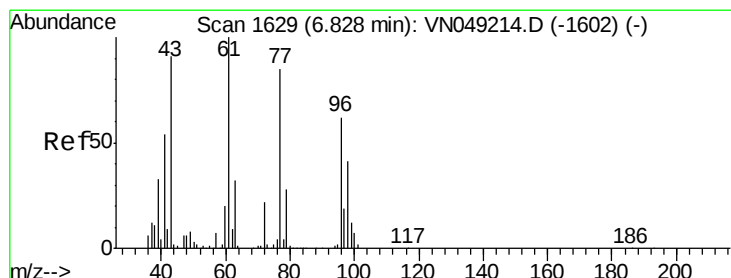
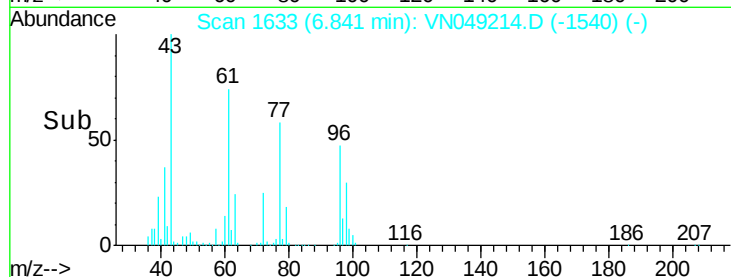
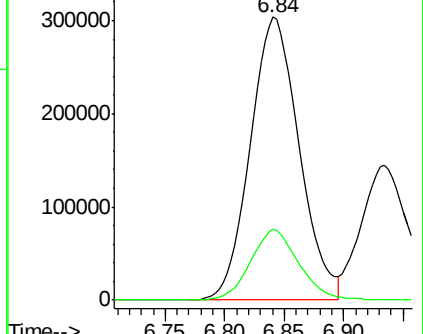
43 100

72 25.2 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 49.58 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VN049214.D

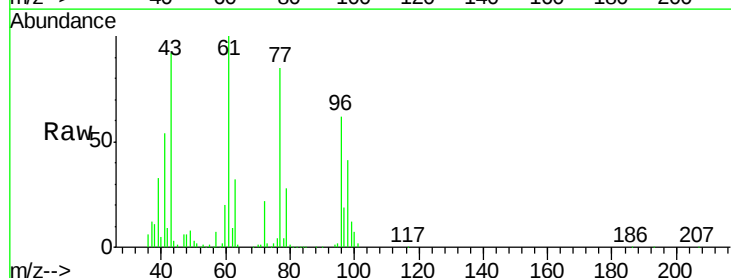
Acq: 13 Jun 2018 21:27

Tgt Ion: 77 Resp: 680098

Ion Ratio Lower Upper

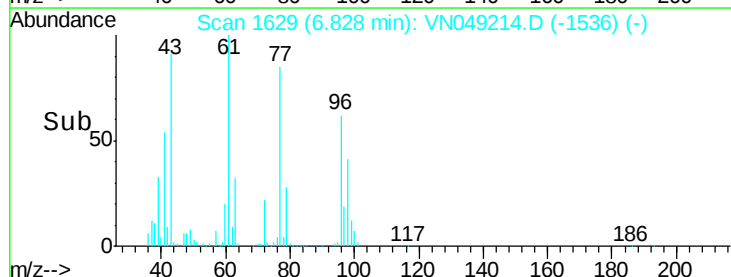
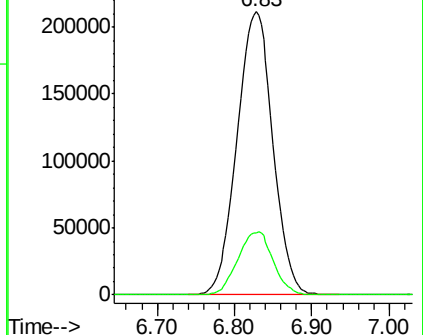
77 100

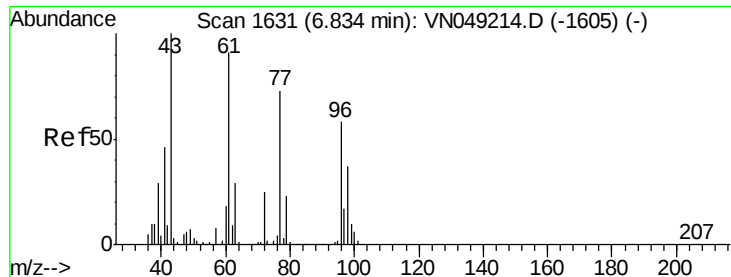
97 22.0 11.0 33.0



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

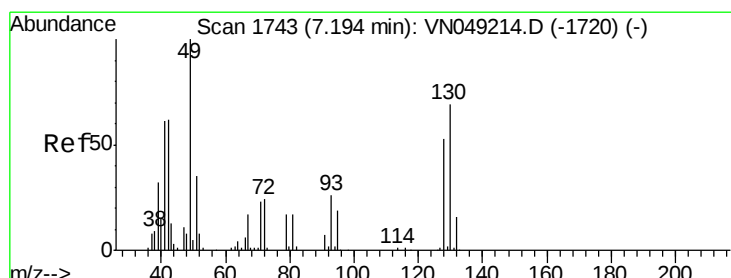
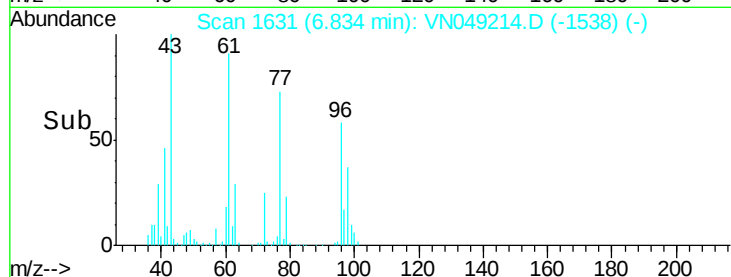
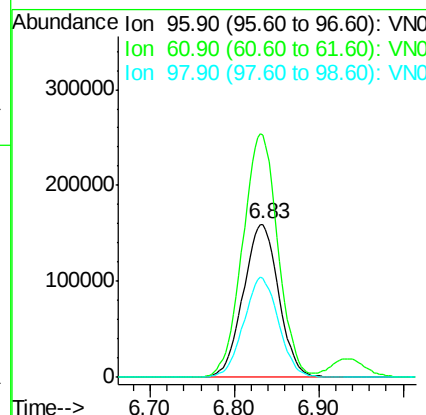
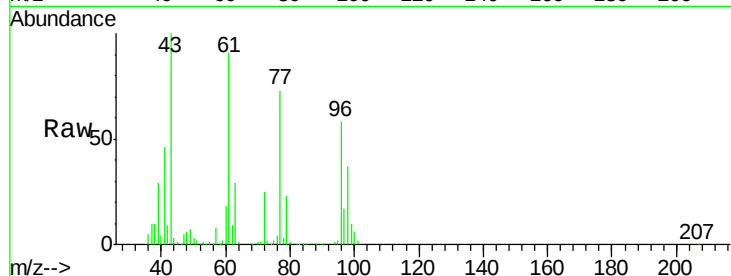




#27
 cis-1,2-Dichloroethene
 Concen: 48.81 ug/l
 RT: 6.83 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

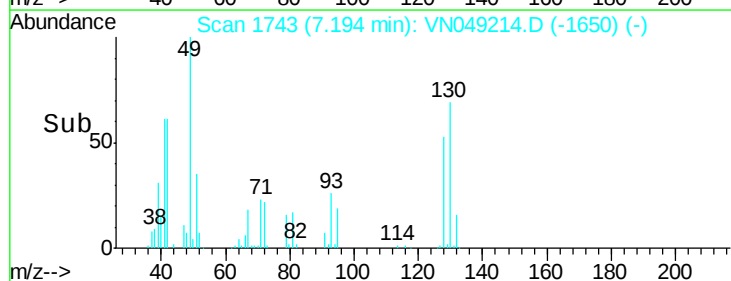
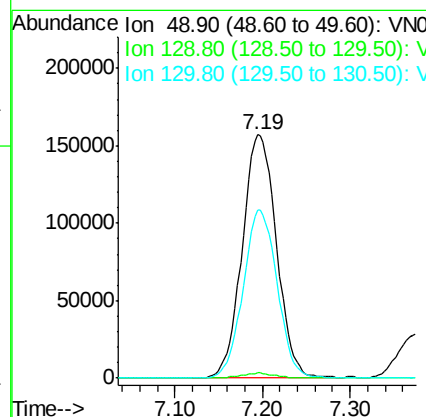
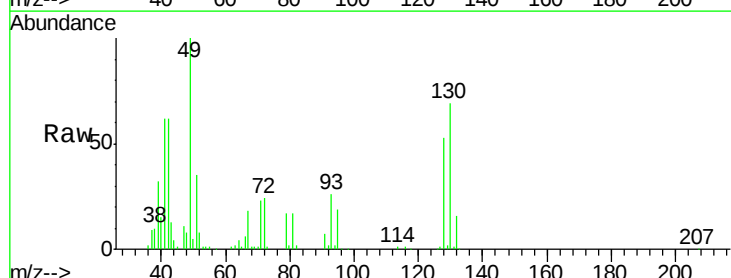
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

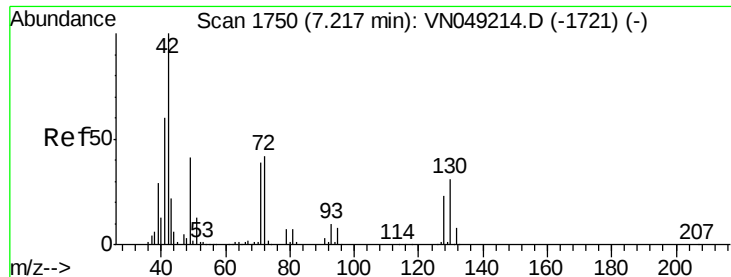
Tgt Ion: 96 Resp: 466307
 Ion Ratio Lower Upper
 96 100
 61 158.2 0.0 316.4
 98 64.2 0.0 128.4



#28
 Bromochloromethane
 Concen: 56.46 ug/l
 RT: 7.19 min Scan# 1743
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

Tgt Ion: 49 Resp: 426531
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 68.6 54.9 82.3

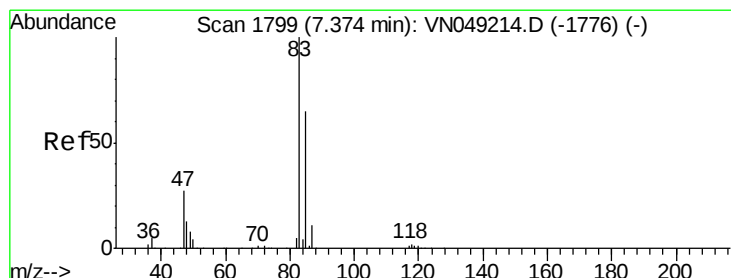
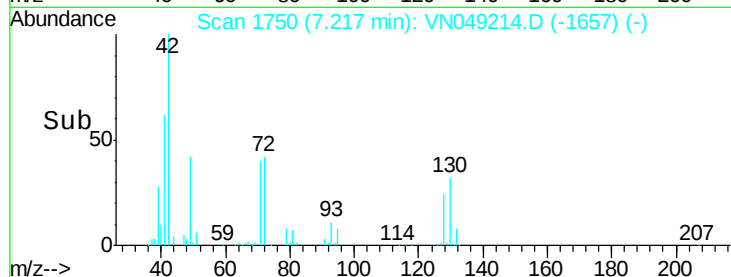
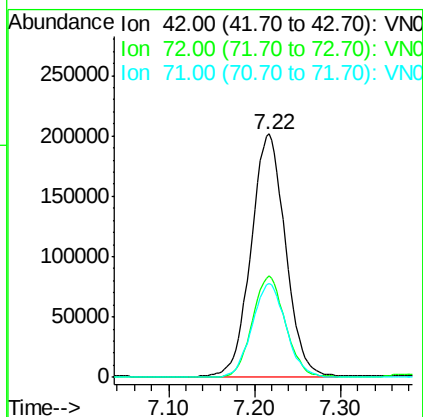
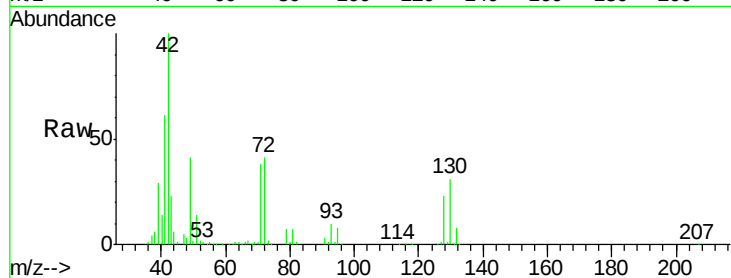




#29
Tetrahydrofuran
Concen: 234.77 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

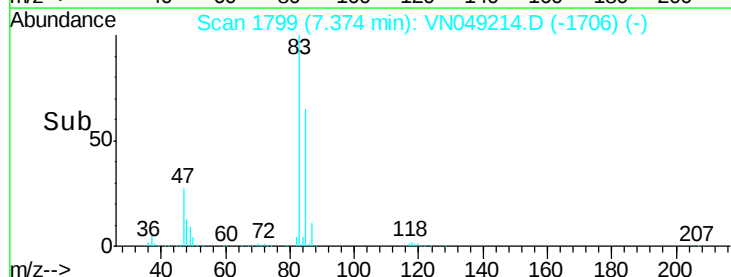
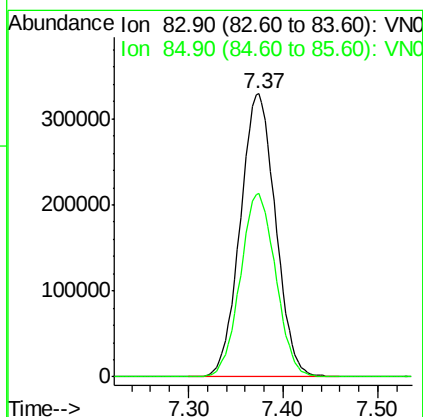
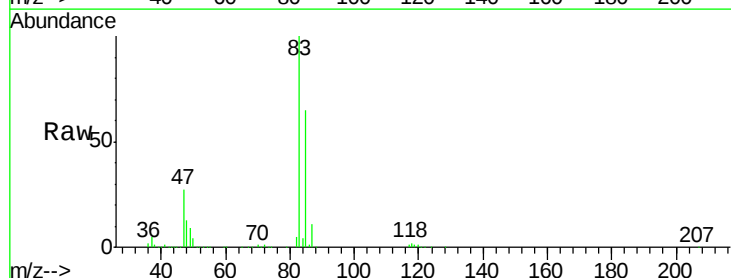
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

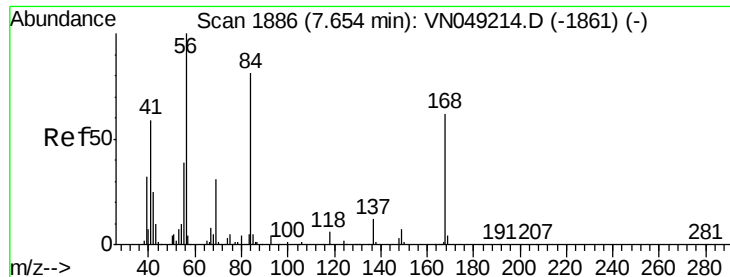
Tgt Ion: 42 Resp: 560081
Ion Ratio Lower Upper
42 100
72 40.3 32.2 48.4
71 38.1 30.5 45.7



#30
Chloroform
Concen: 50.55 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Tgt Ion: 83 Resp: 851780
Ion Ratio Lower Upper
83 100
85 64.6 51.7 77.5

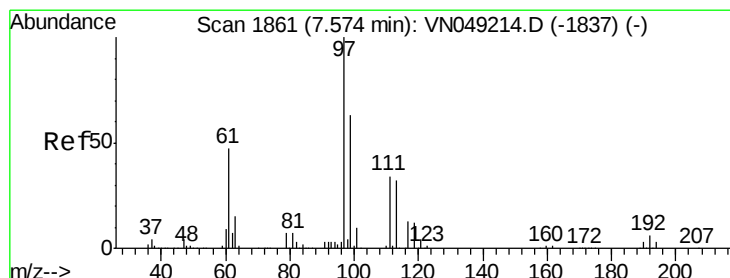
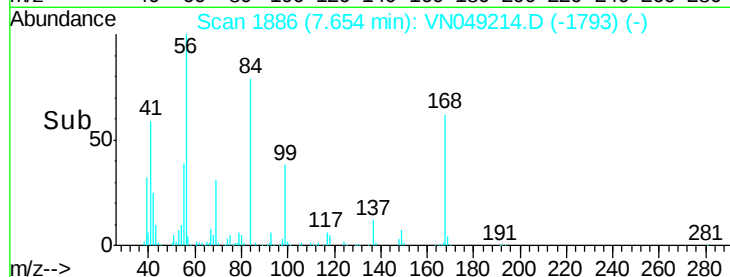
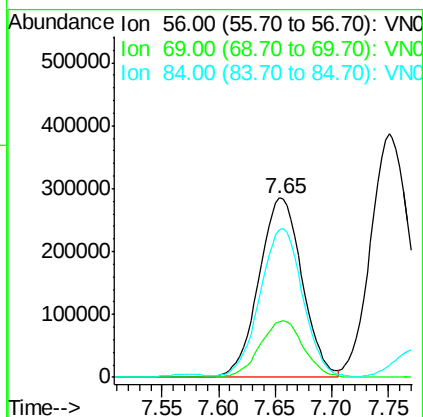
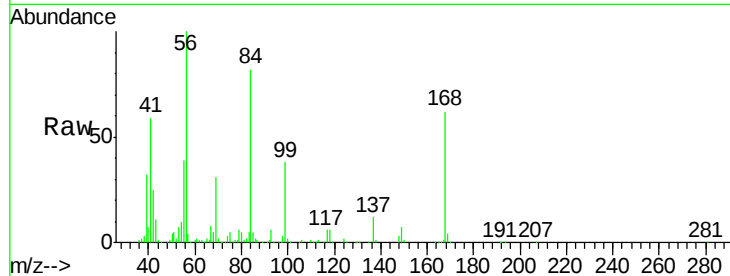




#31
Cyclohexane
Concen: 47.30 ug/l
RT: 7.65 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

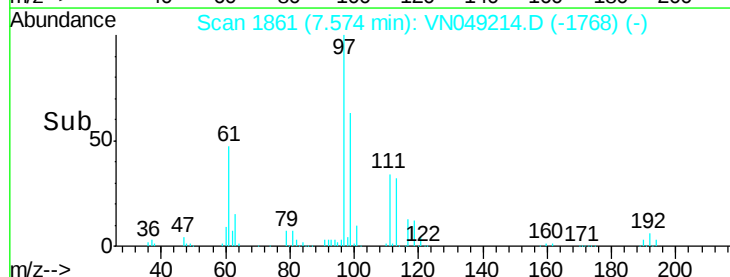
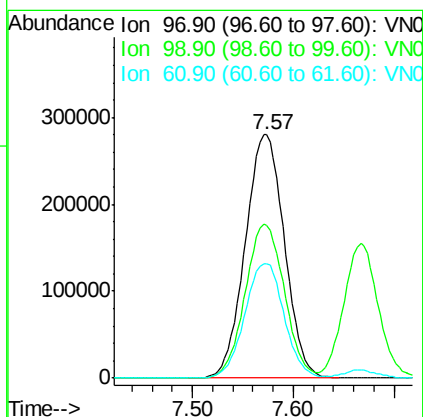
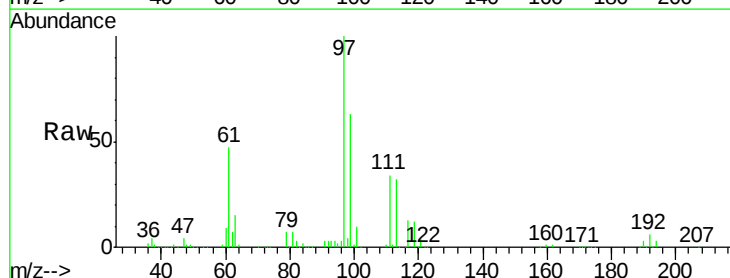
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

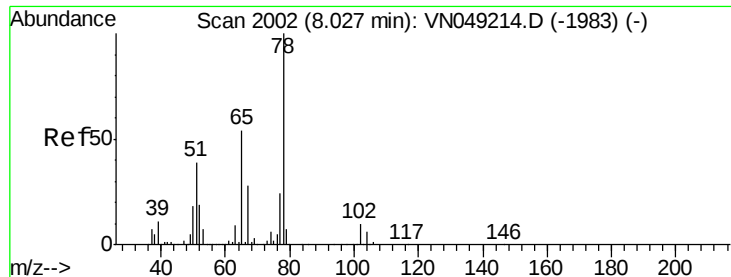
Tgt Ion: 56 Resp: 755725
Ion Ratio Lower Upper
56 100
69 31.2 25.0 37.4
84 80.7 64.6 96.8



#32
1,1,1-Trichloroethane
Concen: 52.42 ug/l
RT: 7.57 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Tgt Ion: 97 Resp: 754407
Ion Ratio Lower Upper
97 100
99 63.1 50.5 75.7
61 47.4 37.9 56.9

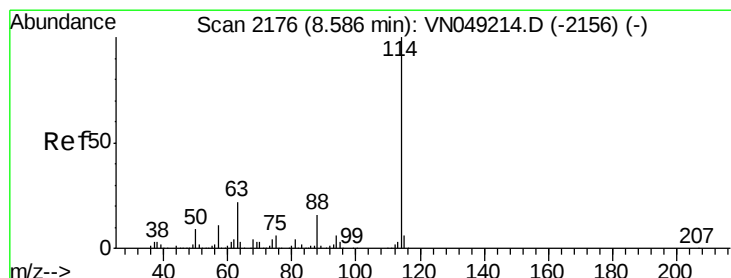
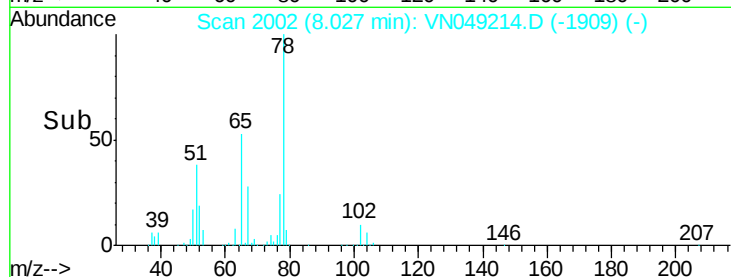
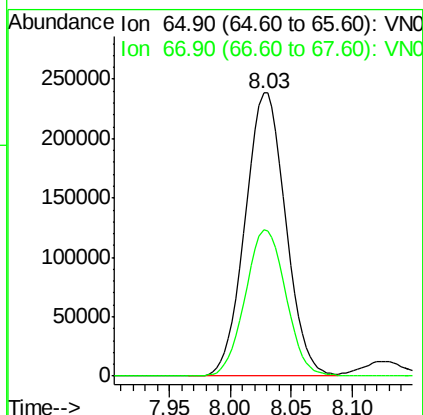
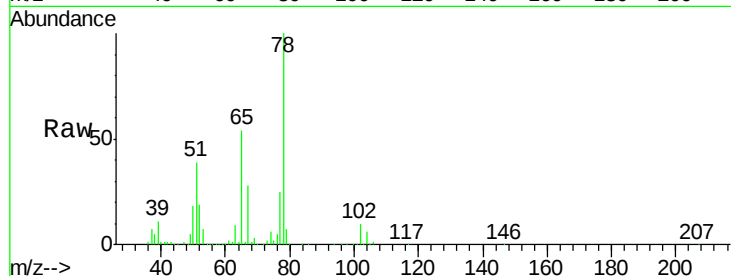




#33
 1,2-Dichloroethane-d4
 Concen: 52.52 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

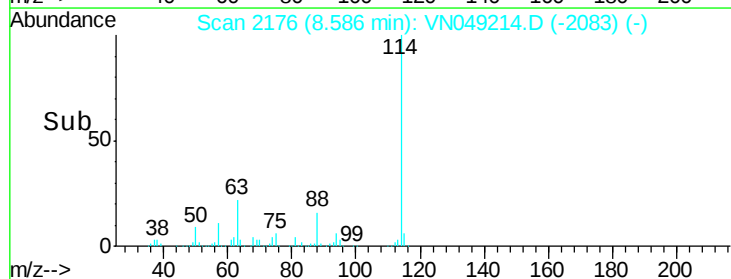
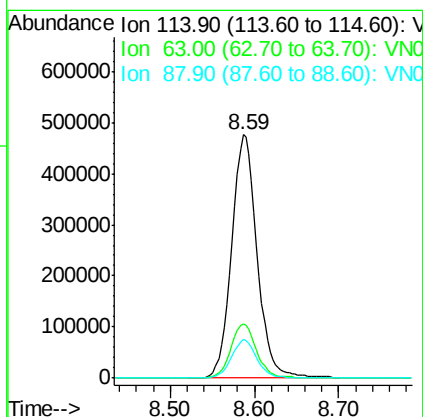
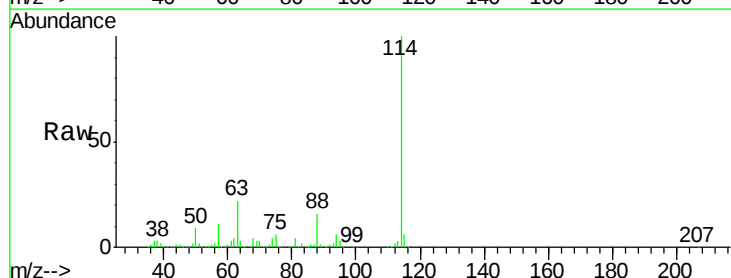
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

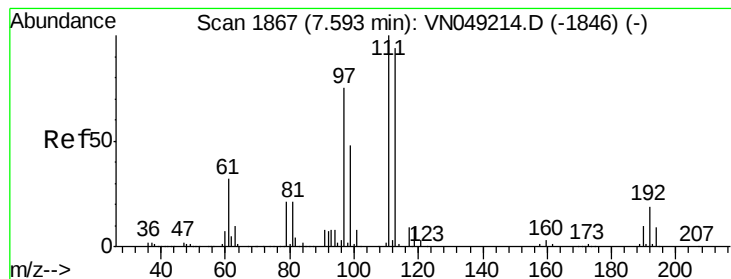
Tgt Ion: 65 Resp: 548745
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

Tgt Ion: 114 Resp: 1000486
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 44.4
 88 15.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.34 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

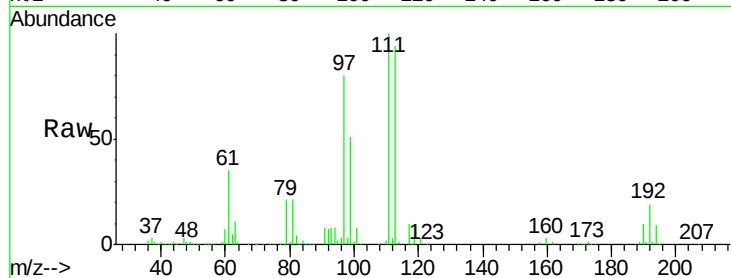
Tgt Ion:113 Resp: 423943

Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

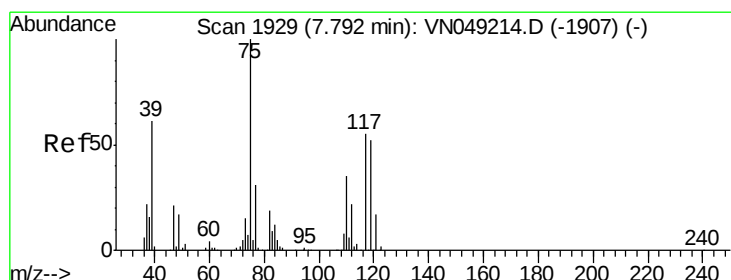
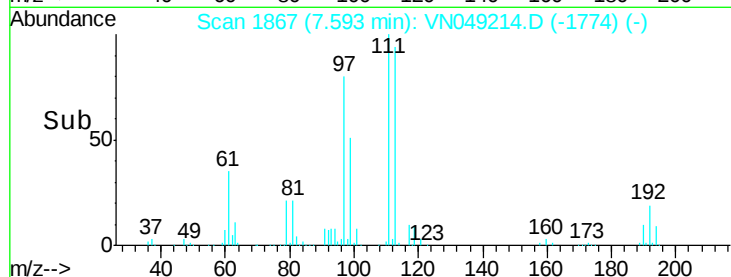
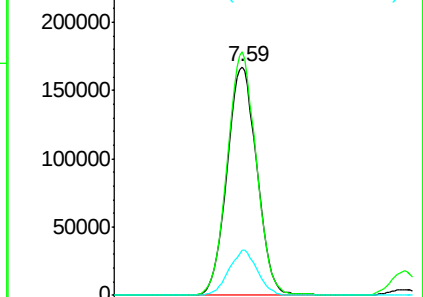
192 18.8 15.0 22.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 52.05 ug/l

RT: 7.79 min Scan# 1929

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

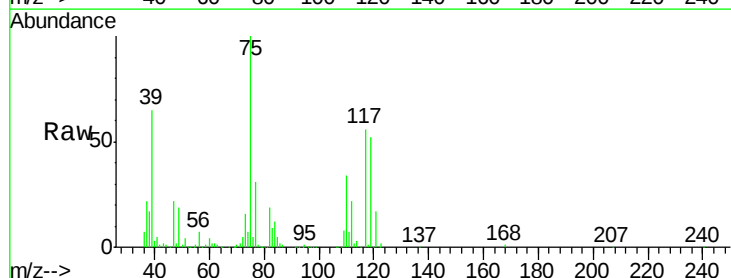
Tgt Ion: 75 Resp: 651452

Ion Ratio Lower Upper

75 100

110 33.9 17.0 50.9

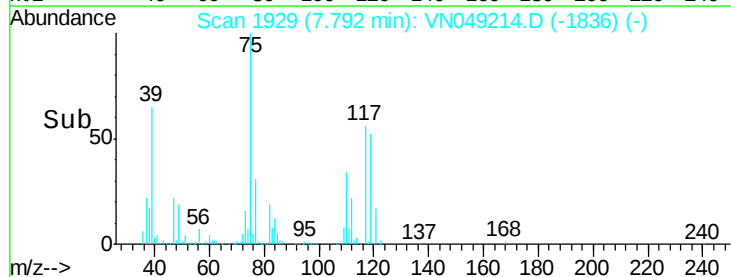
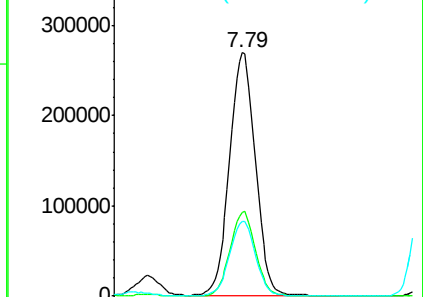
77 30.5 24.4 36.6

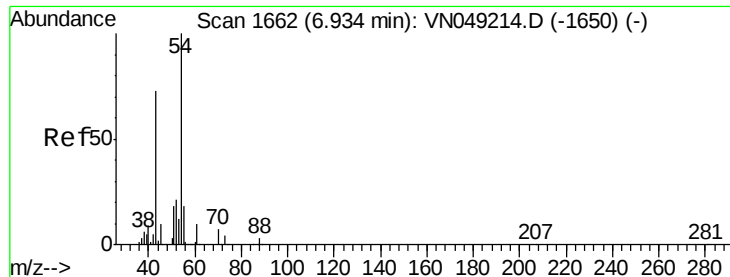


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

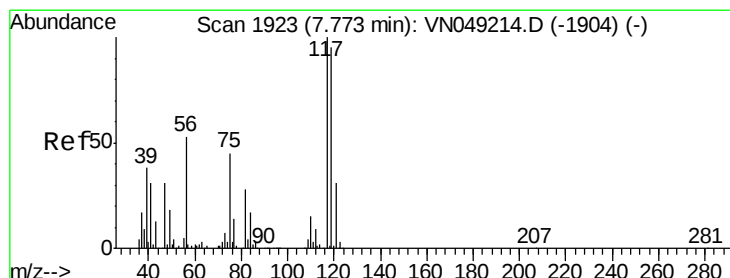
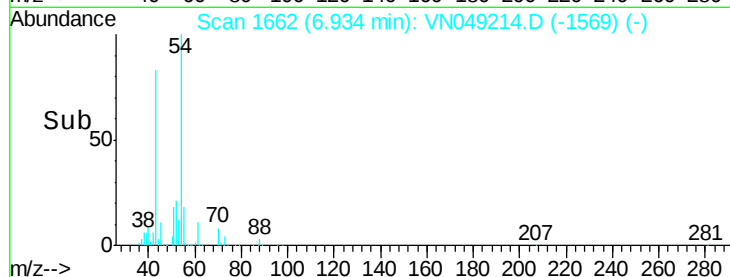
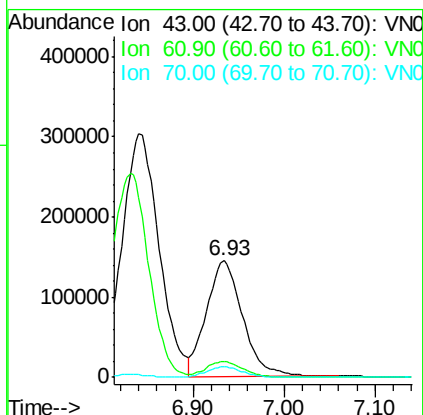
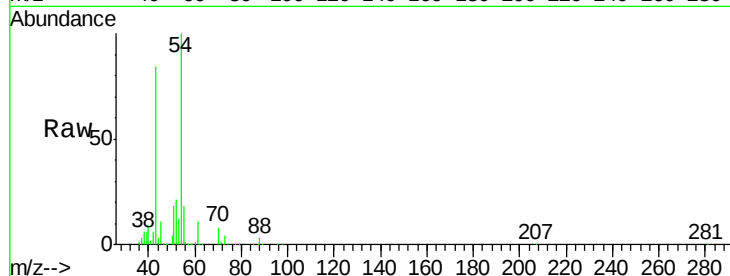




#37
Ethyl Acetate
Concen: 49.89 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

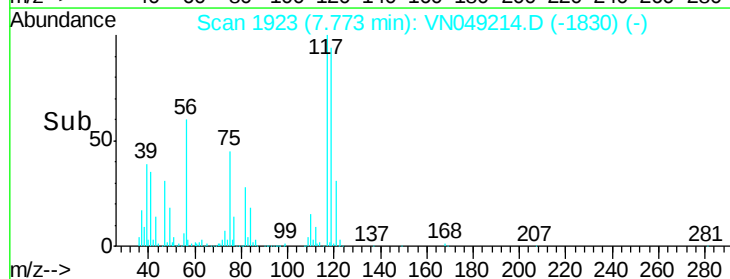
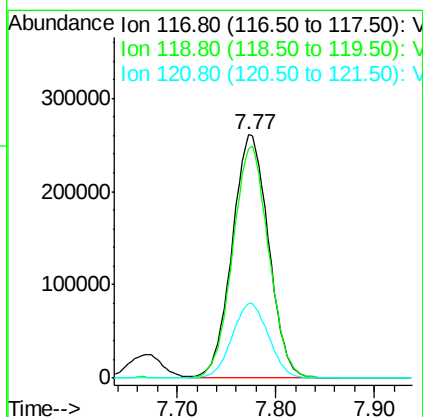
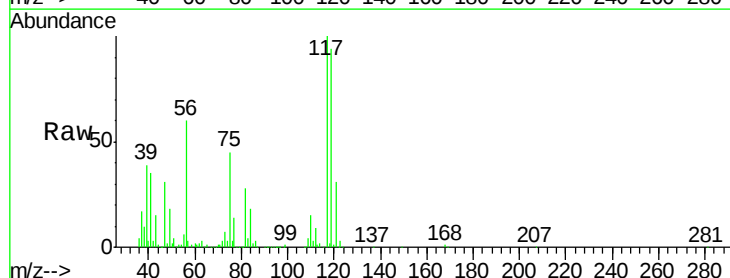
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

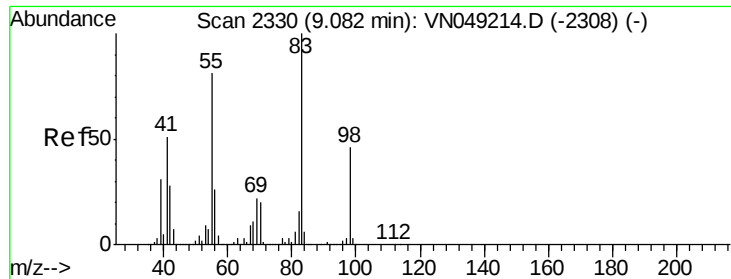
Tgt Ion: 43 Resp: 400505
Ion Ratio Lower Upper
43 100
61 13.7 11.0 16.4
70 9.0 7.2 10.8



#38
Carbon Tetrachloride
Concen: 54.20 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Tgt Ion: 117 Resp: 665943
Ion Ratio Lower Upper
117 100
119 94.5 75.6 113.4
121 30.9 24.7 37.1

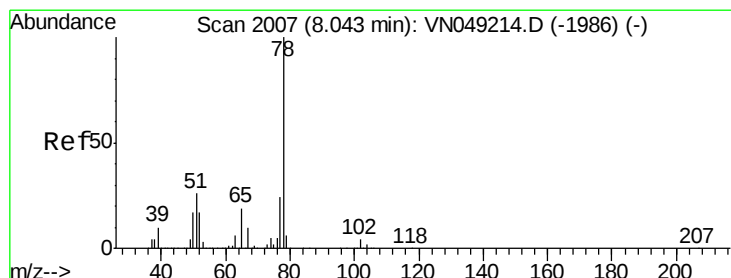
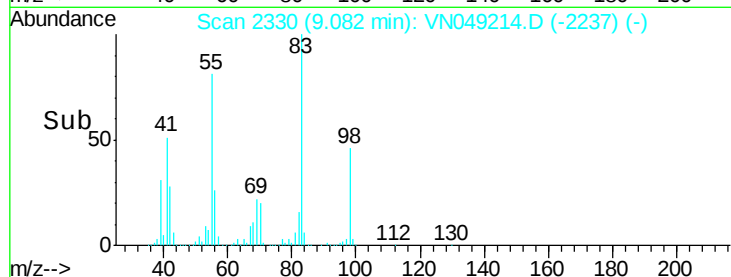
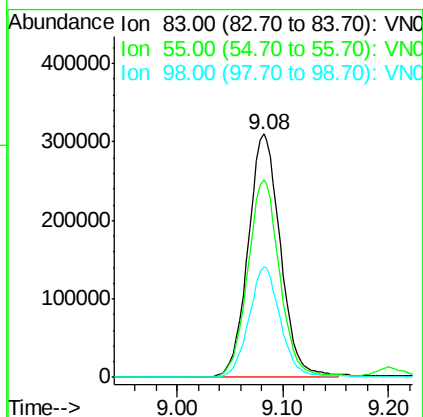
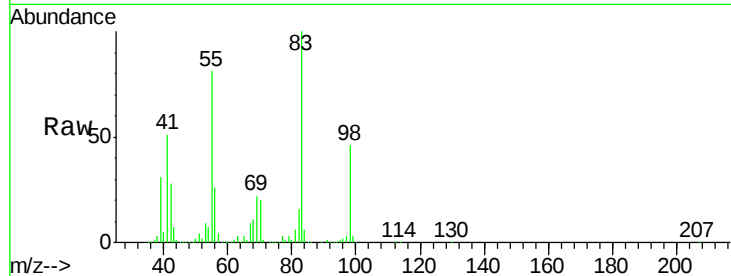




#39
Methylcyclohexane
Concen: 50.62 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

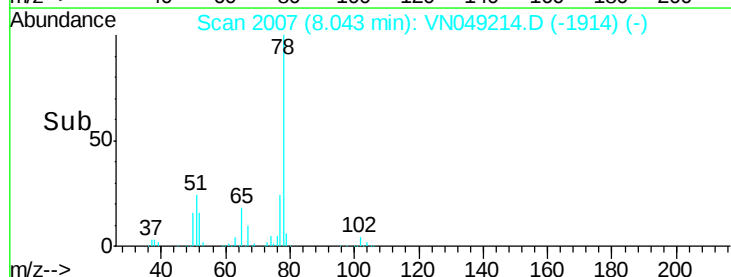
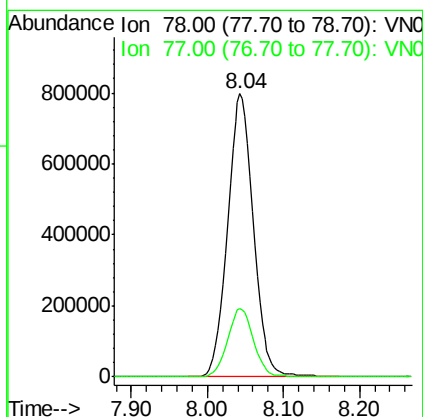
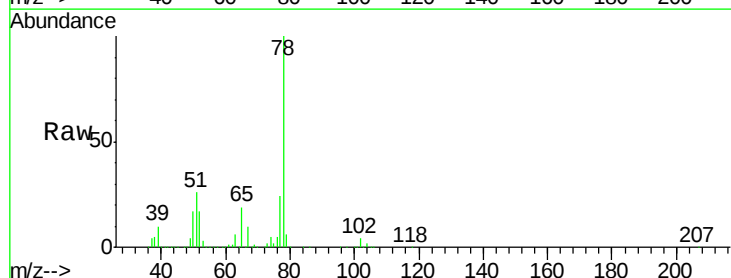
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

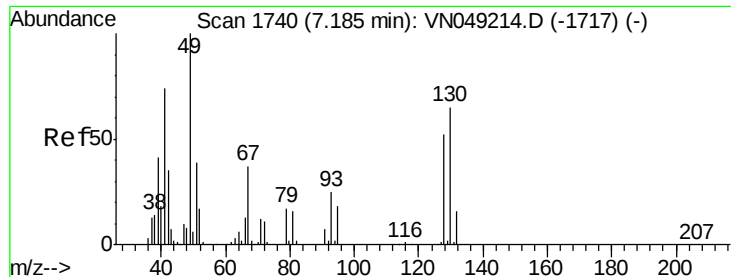
Tgt Ion: 83 Resp: 662043
Ion Ratio Lower Upper
83 100
55 81.4 65.1 97.7
98 45.6 36.5 54.7



#40
Benzene
Concen: 50.07 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Tgt Ion: 78 Resp: 1877785
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0

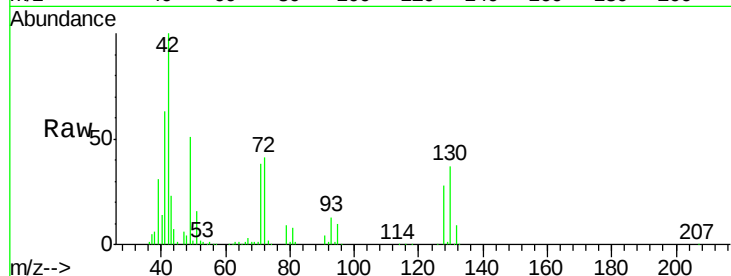




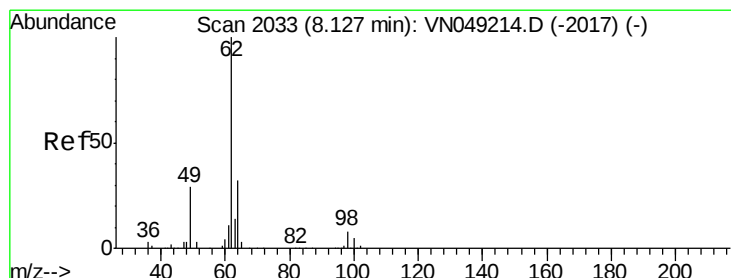
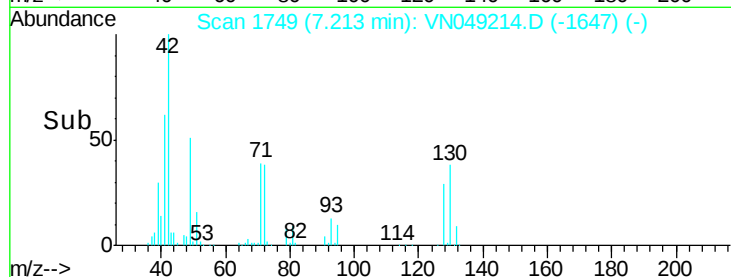
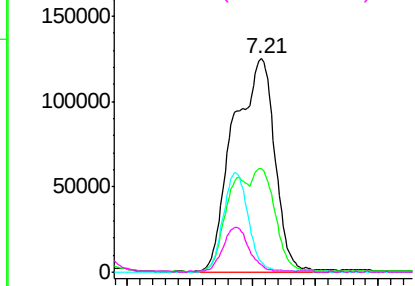
#41
Methacrylonitrile
Concen: 130.28 ug/l
RT: 7.21 min Scan# 1749
Delta R.T. 0.03 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	575529
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

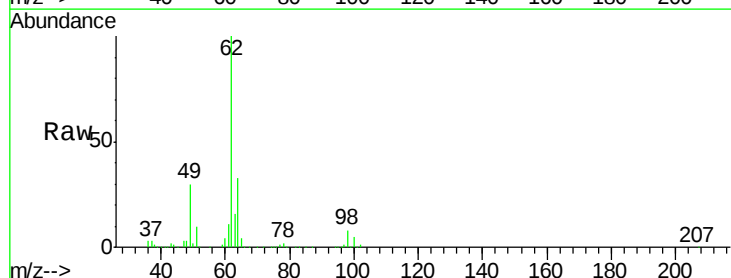


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

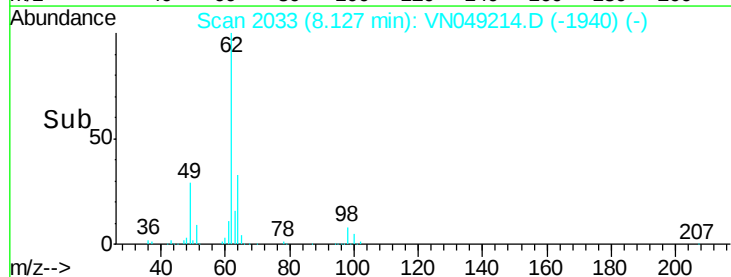
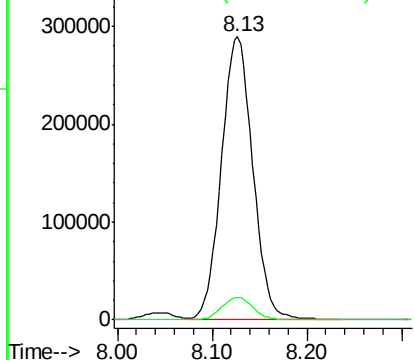


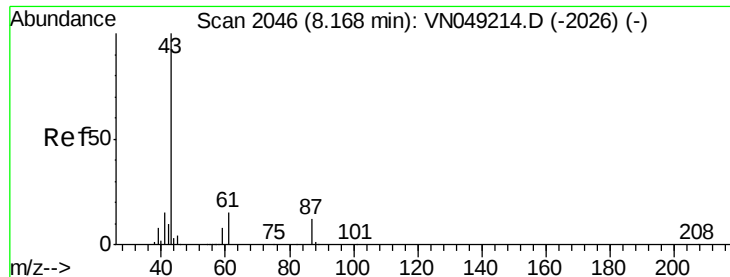
#42
1,2-Dichloroethane
Concen: 54.52 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Tgt Ion:	62	Resp:	665427
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.2



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 48.57 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

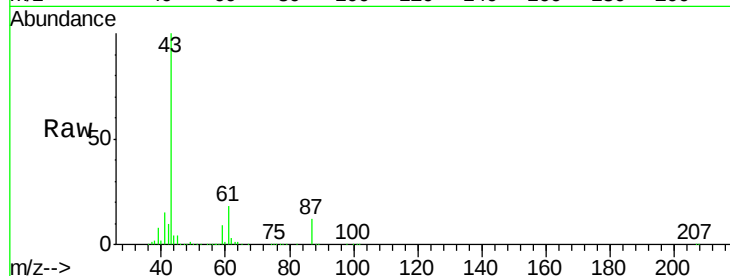
Tgt Ion: 43 Resp: 743697

Ion Ratio Lower Upper

43 100

61 17.8 14.2 21.4

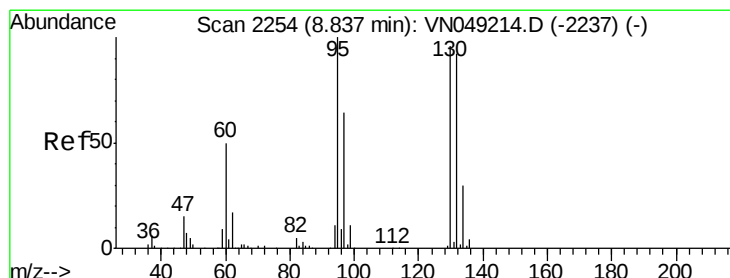
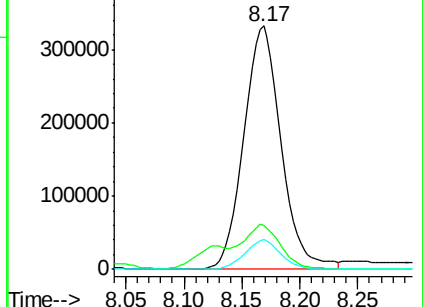
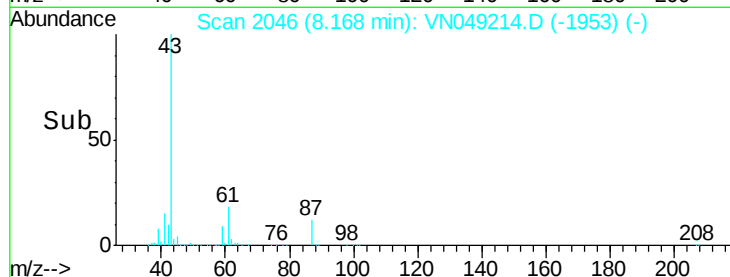
87 11.7 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VN049214.D (-2026) (-)

Ion 61.00 (60.70 to 61.70): VN049214.D (-2026) (-)

Ion 87.00 (86.70 to 87.70): VN049214.D (-2026) (-)



#44

Trichloroethene

Concen: 50.25 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049214.D

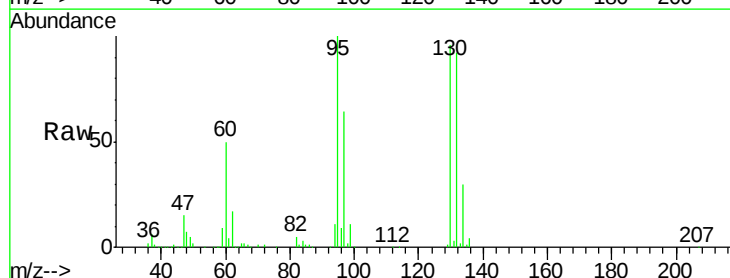
Acq: 13 Jun 2018 21:27

Tgt Ion: 130 Resp: 461437

Ion Ratio Lower Upper

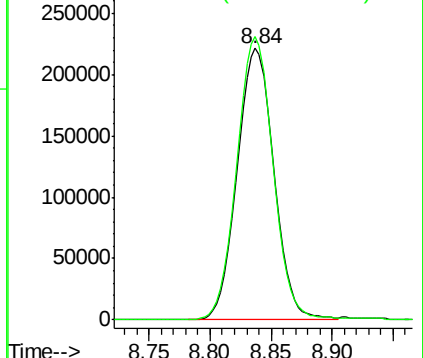
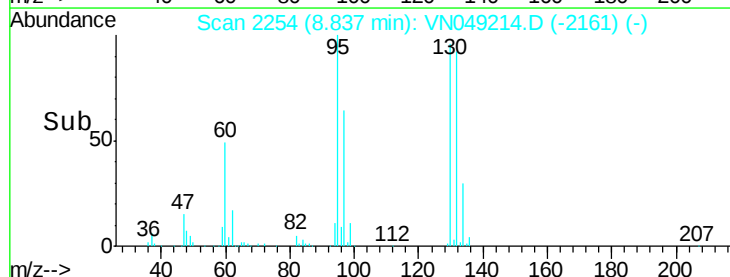
130 100

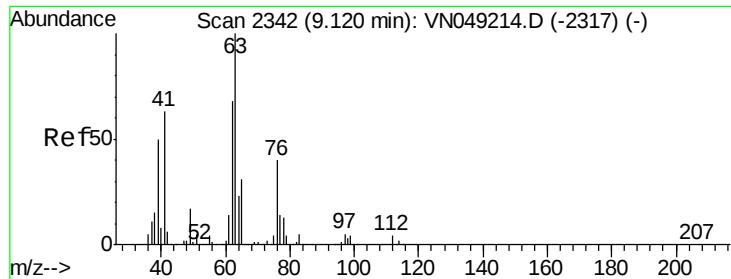
95 104.3 0.0 208.6



Abundance Ion 129.80 (129.50 to 130.50): VN049214.D (-2237) (-)

Ion 94.90 (94.60 to 95.60): VN049214.D (-2237) (-)

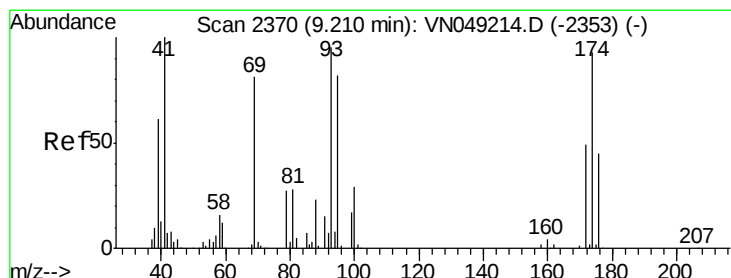
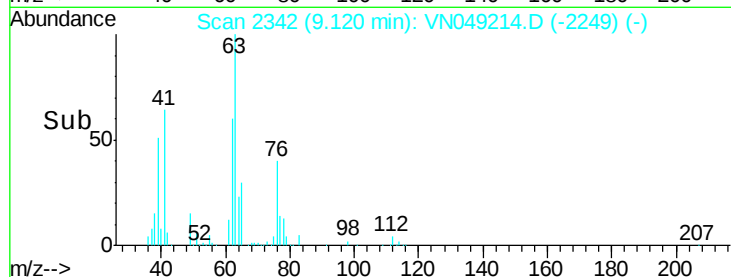
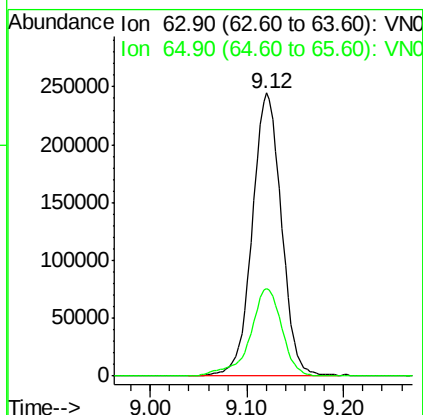
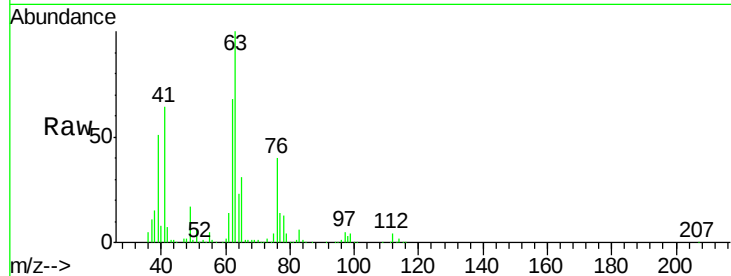




#45
 1,2-Dichloropropane
 Concen: 49.97 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

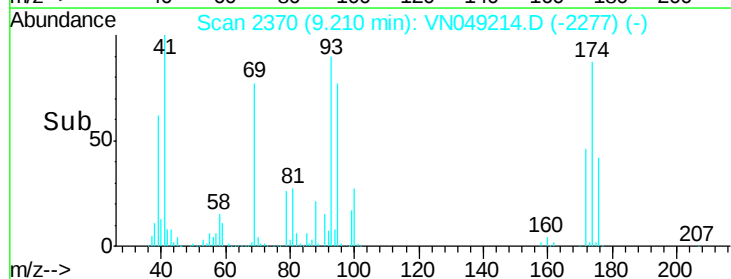
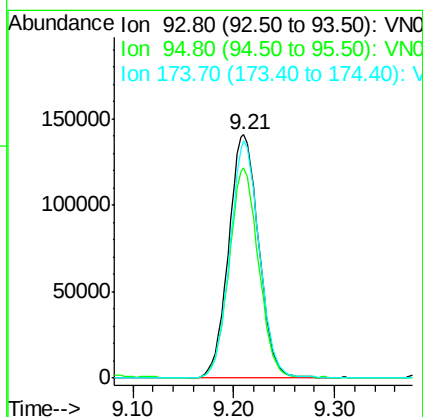
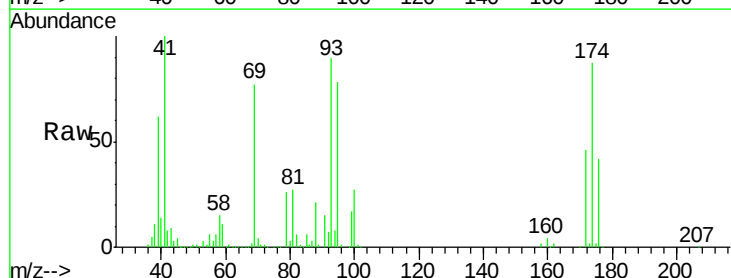
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

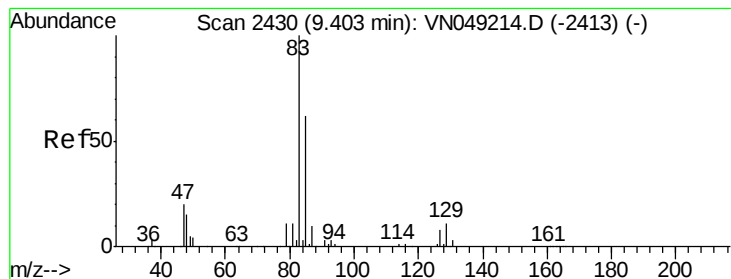
Tgt Ion: 63 Resp: 513226
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.8 37.2



#46
 Dibromomethane
 Concen: 51.41 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

Tgt Ion: 93 Resp: 294124
 Ion Ratio Lower Upper
 93 100
 95 84.0 67.2 100.8
 174 94.5 75.6 113.4





#47

Bromodichloromethane

Concen: 52.93 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

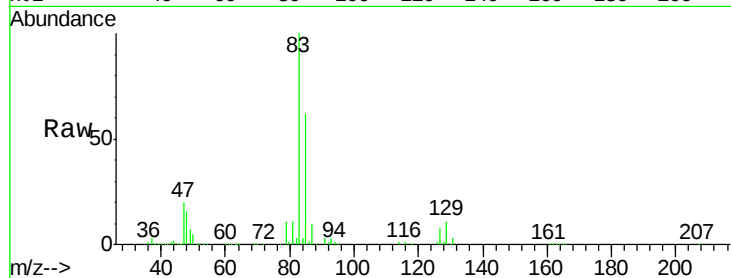
Tgt Ion: 83 Resp: 671927

Ion Ratio Lower Upper

83 100

85 61.7 49.4 74.0

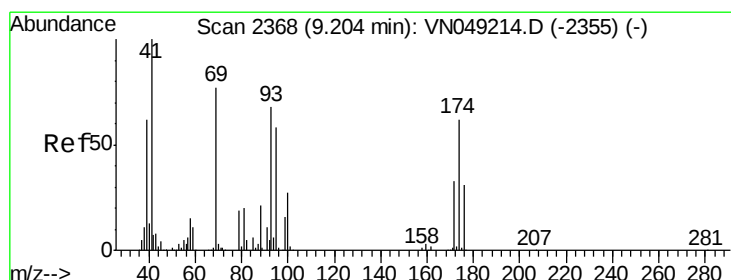
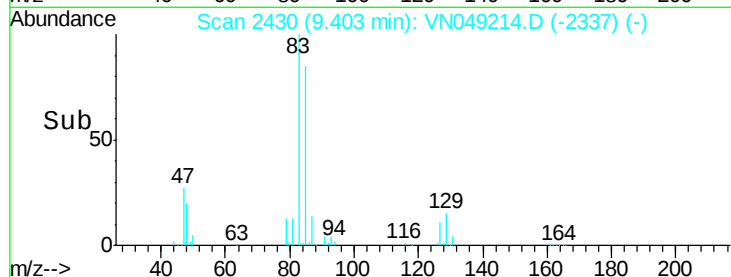
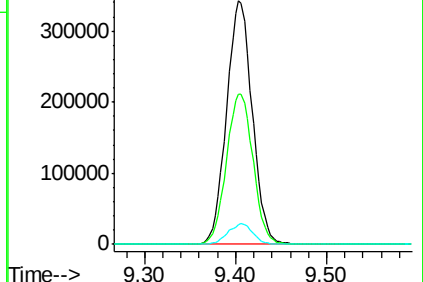
127 7.9 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN049214.D (-2413) (-)

Ion 84.90 (84.60 to 85.60): VN049214.D (-2413) (-)

Ion 126.80 (126.50 to 127.50): VN049214.D (-2413) (-)



#48

Methyl methacrylate

Concen: 50.99 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

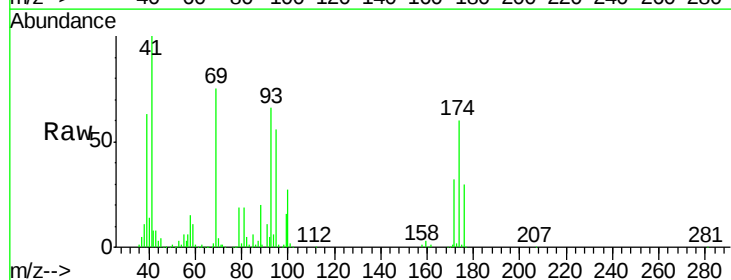
Tgt Ion: 41 Resp: 372651

Ion Ratio Lower Upper

41 100

69 77.5 62.0 93.0

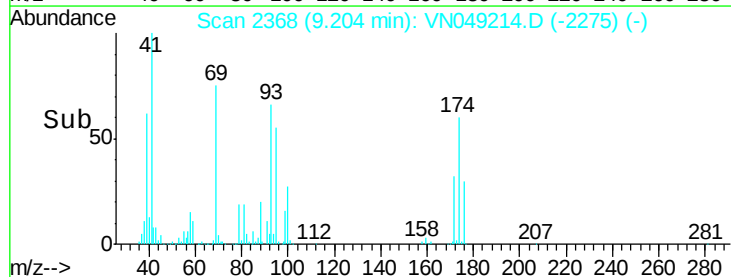
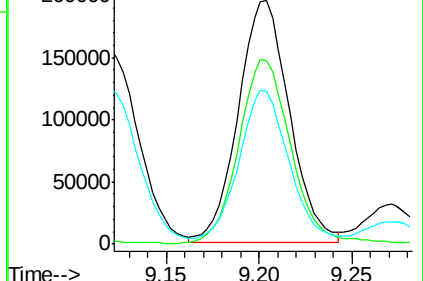
39 63.2 50.6 75.8

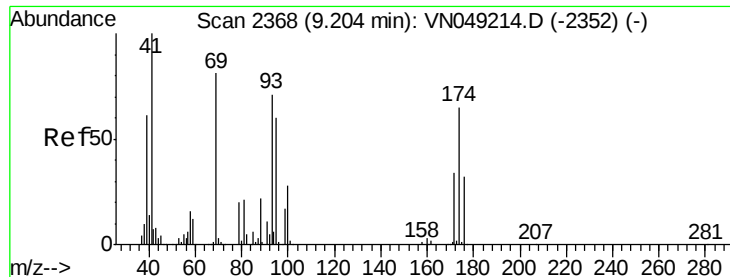


Abundance Ion 41.00 (40.70 to 41.70): VN049214.D (-2355) (-)

Ion 69.00 (68.70 to 69.70): VN049214.D (-2355) (-)

Ion 39.00 (38.70 to 39.70): VN049214.D (-2355) (-)

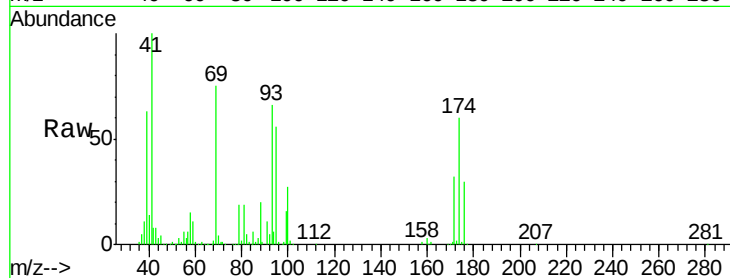




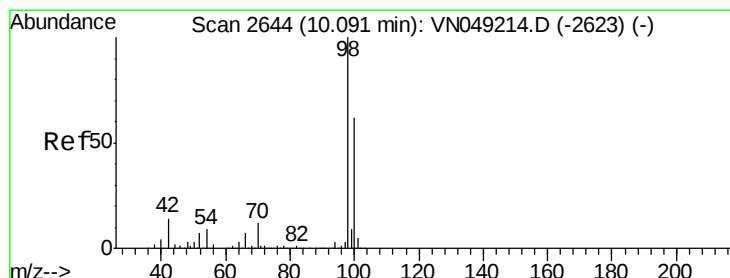
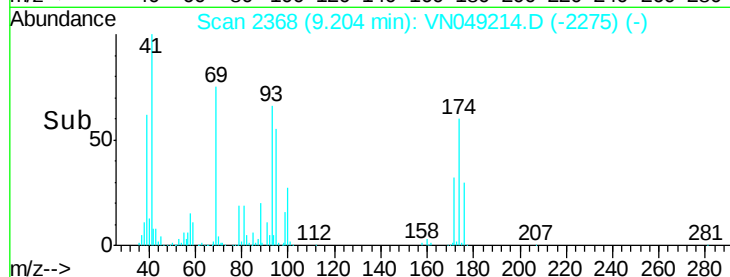
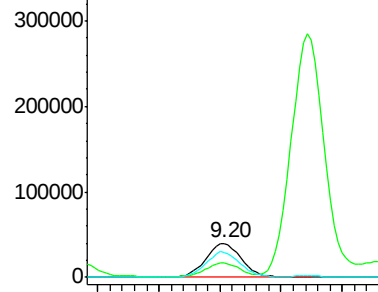
#49
1,4-Dioxane
Concen: 980.87 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 80481
Ion Ratio Lower Upper
88 100
43 38.6 30.9 46.3
58 73.6 58.9 88.3

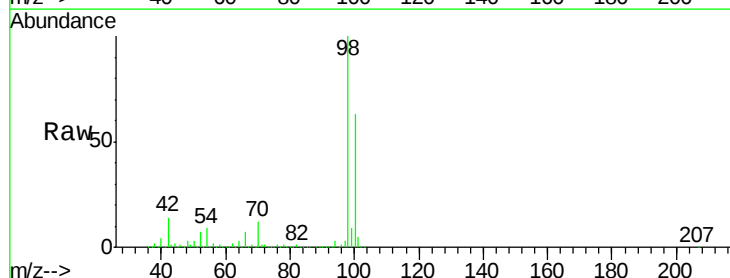


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

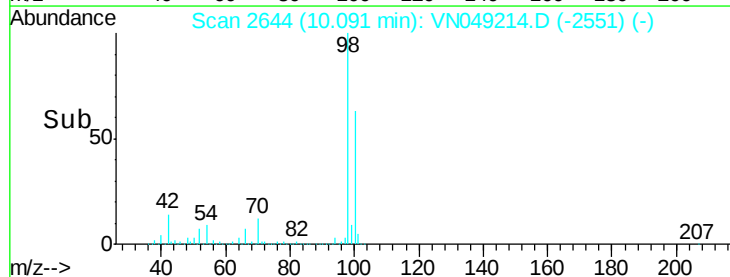
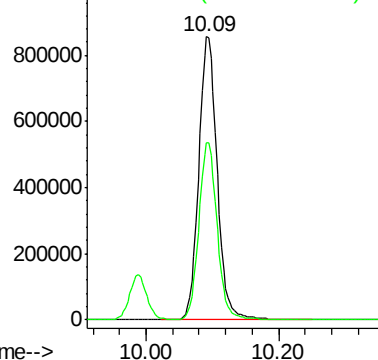


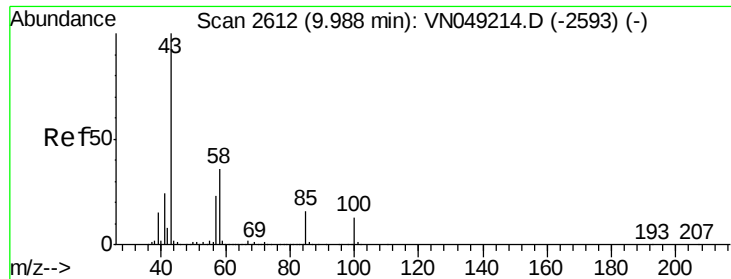
#50
Toluene-d8
Concen: 51.76 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Tgt Ion: 98 Resp: 1649169
Ion Ratio Lower Upper
98 100
100 62.3 49.8 74.8



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

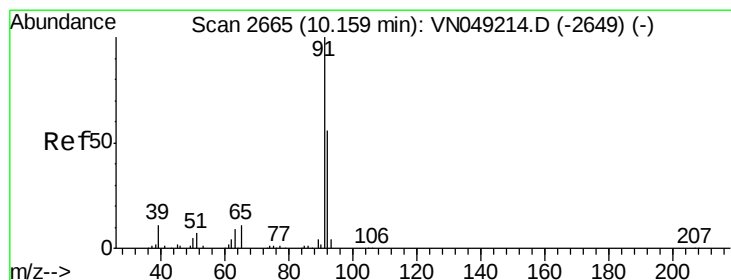
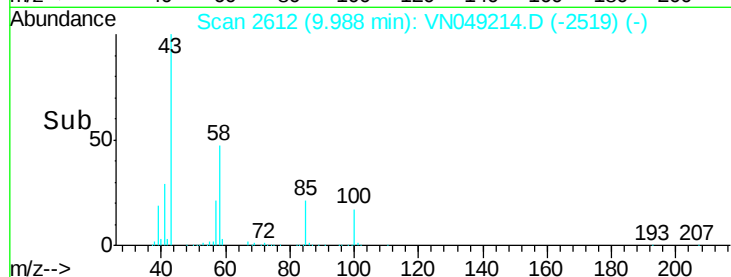
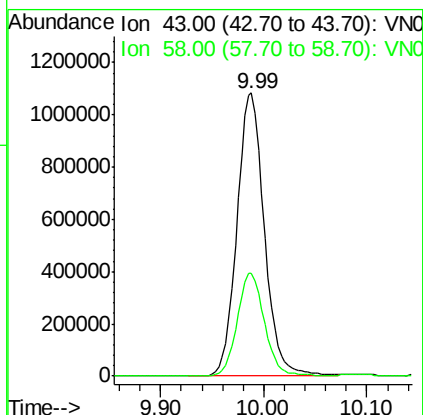
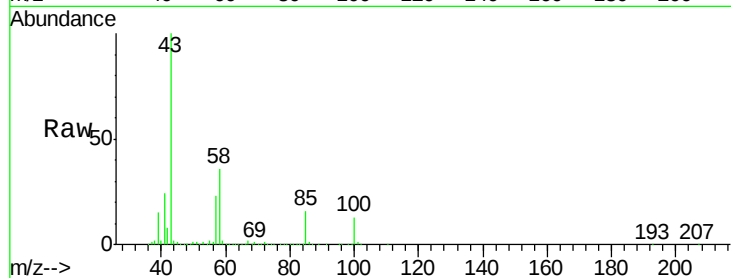




#51
 4-Methyl-2-Pentanone
 Concen: 247.46 ug/l
 RT: 9.99 min Scan# 2612
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

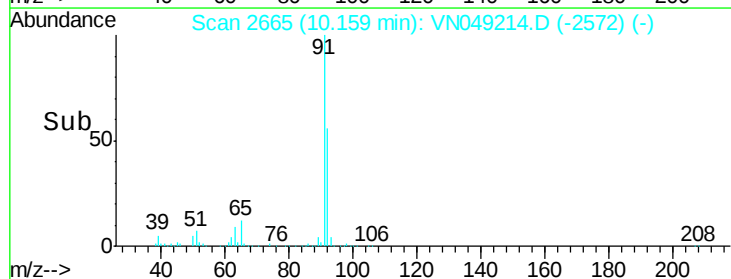
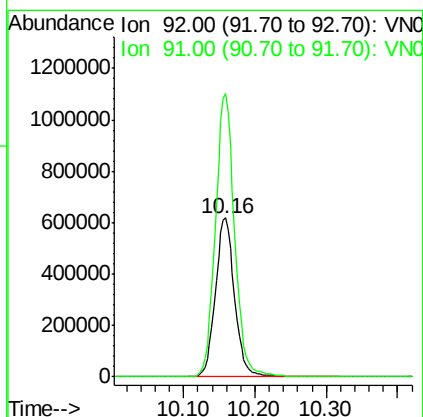
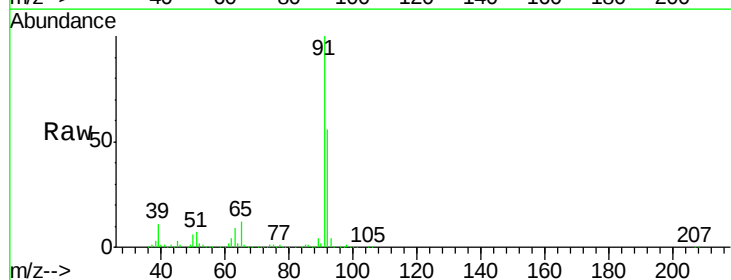
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

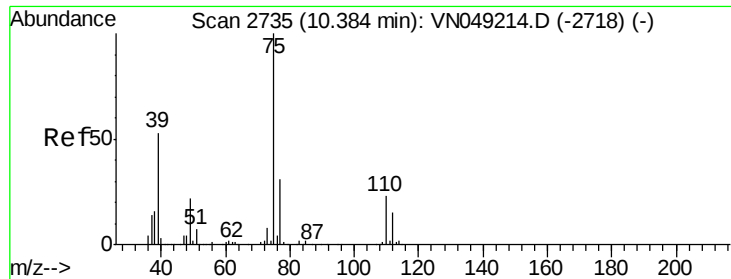
Tgt Ion: 43 Resp: 2001738
 Ion Ratio Lower Upper
 43 100
 58 36.3 29.0 43.6



#52
 Toluene
 Concen: 50.94 ug/l
 RT: 10.16 min Scan# 2665
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

Tgt Ion: 92 Resp: 1145321
 Ion Ratio Lower Upper
 92 100
 91 179.3 143.4 215.2

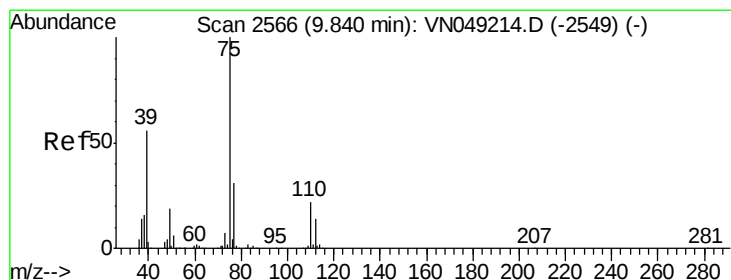
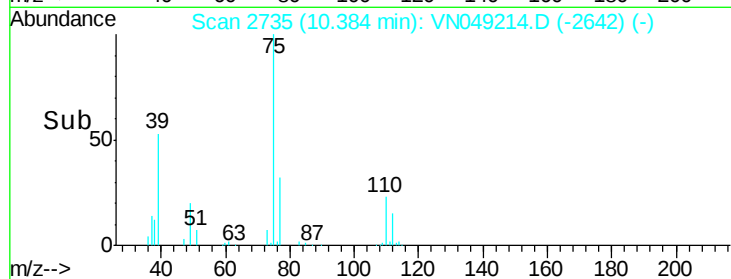
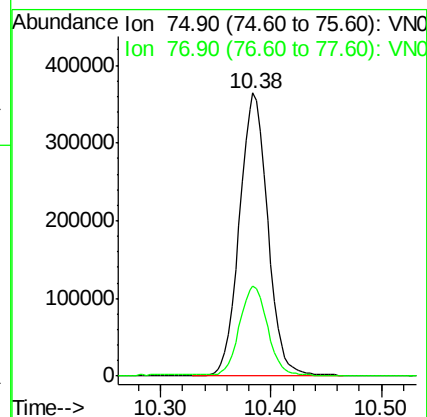
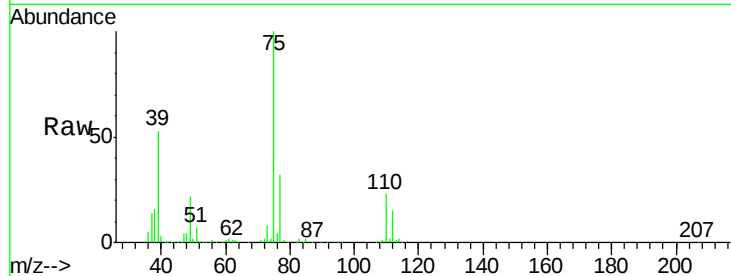




#53
 t-1,3-Dichloropropene
 Concen: 51.33 ug/l
 RT: 10.38 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

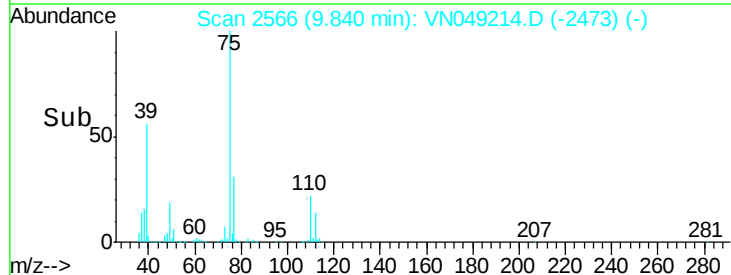
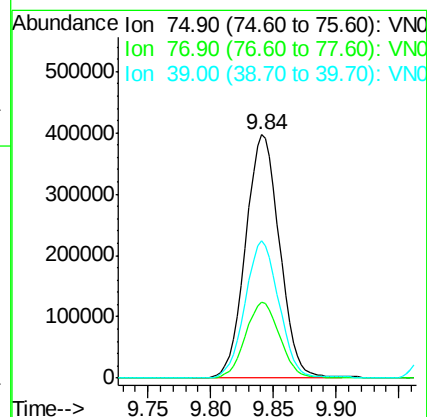
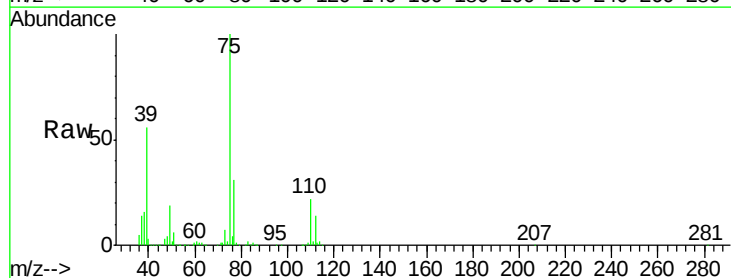
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

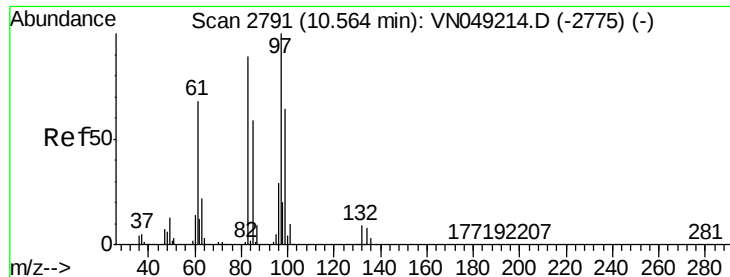
Tgt Ion: 75 Resp: 649704
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 51.03 ug/l
 RT: 9.84 min Scan# 2566
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

Tgt Ion: 75 Resp: 750114
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.8 37.2
 39 56.4 45.1 67.7

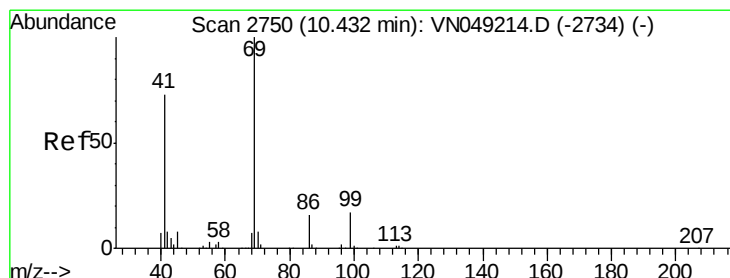
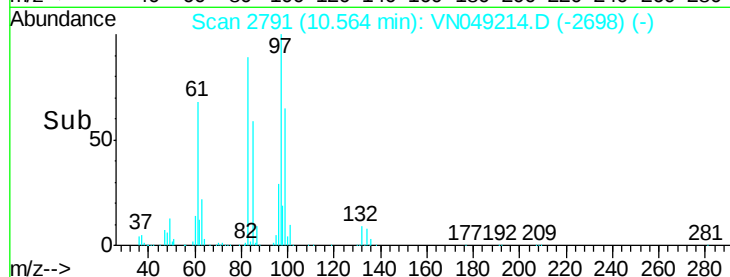
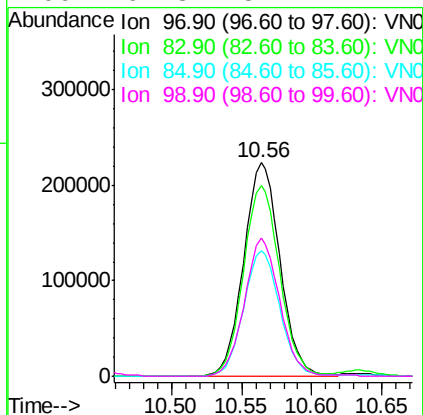
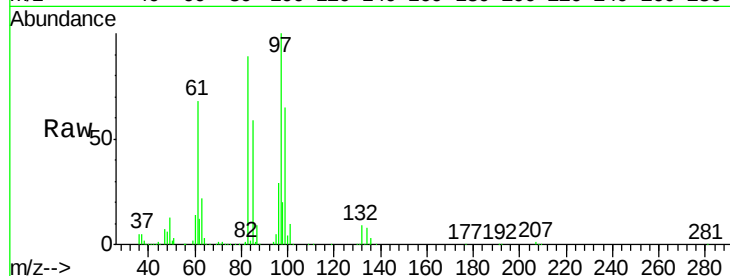




#55
 1,1,2-Trichloroethane
 Concen: 50.39 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

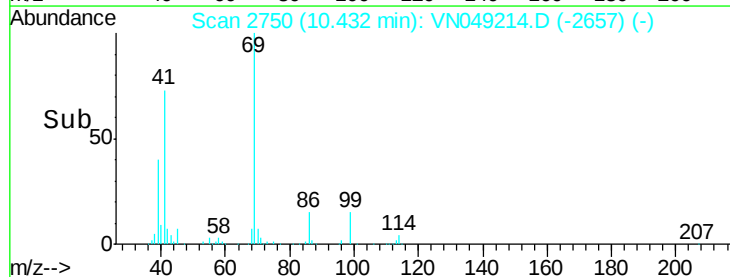
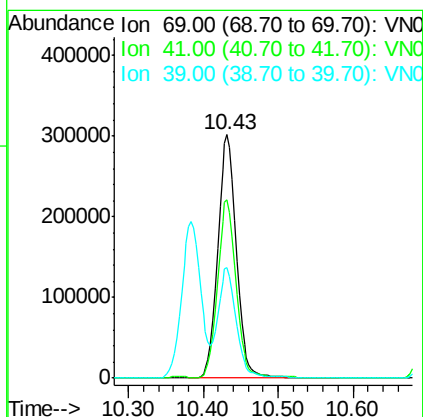
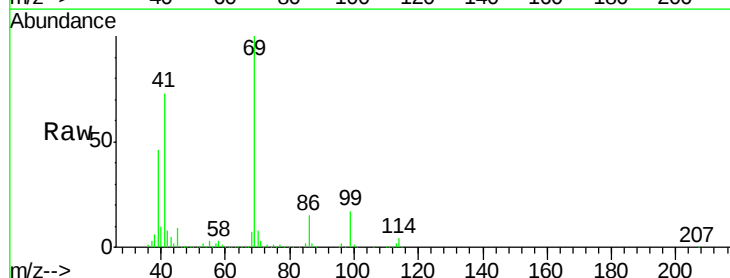
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

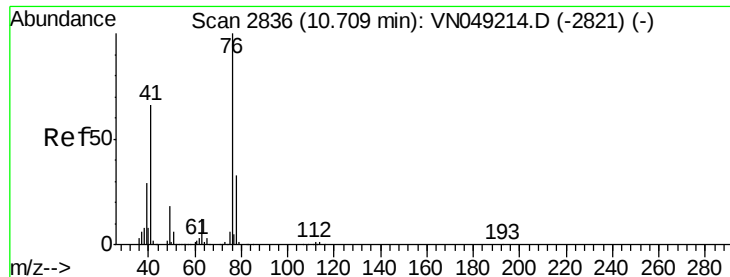
Tgt Ion: 97 Resp: 403773
 Ion Ratio Lower Upper
 97 100
 83 89.4 71.5 107.3
 85 58.7 47.0 70.4
 99 64.3 51.4 77.2



#56
 Ethyl methacrylate
 Concen: 49.96 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

Tgt Ion: 69 Resp: 519898
 Ion Ratio Lower Upper
 69 100
 41 73.0 58.4 87.6
 39 44.4 35.5 53.3

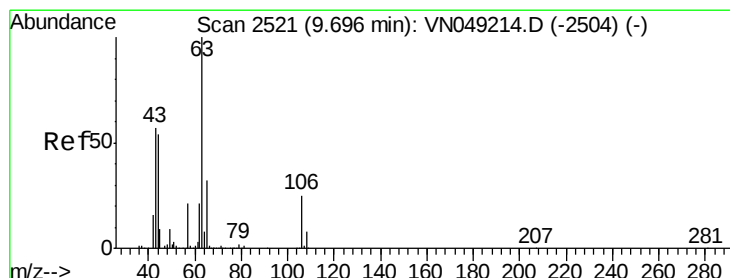
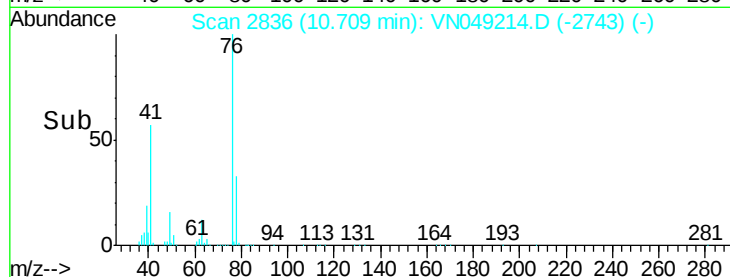
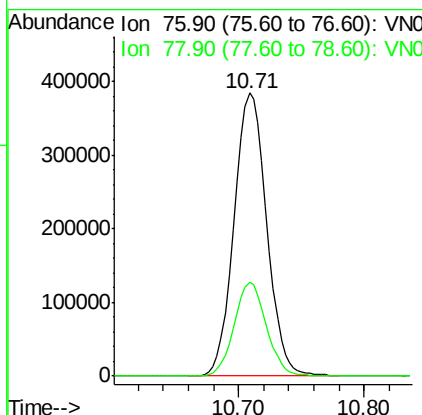
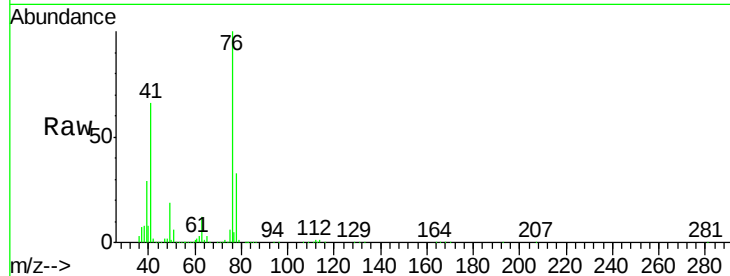




#57
 1,3-Dichloropropane
 Concen: 49.87 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

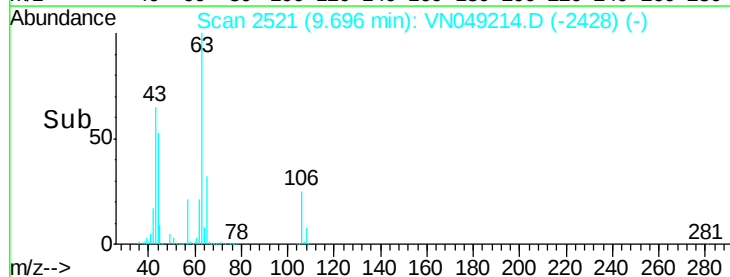
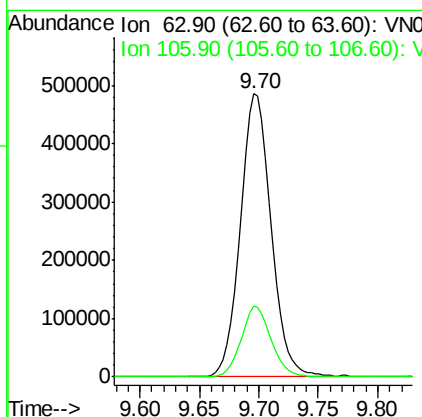
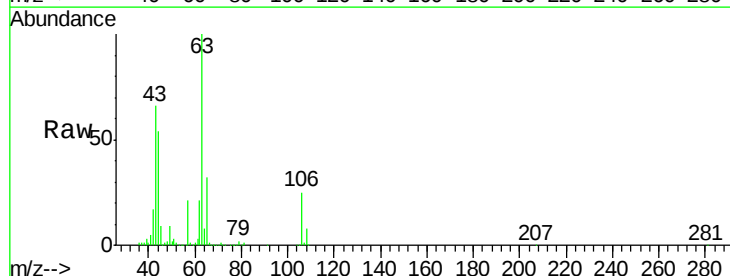
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

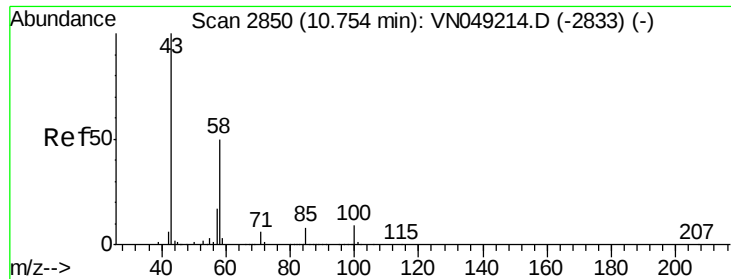
Tgt Ion: 76 Resp: 695895
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 252.85 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

Tgt Ion: 63 Resp: 869901
 Ion Ratio Lower Upper
 63 100
 106 24.3 19.4 29.2

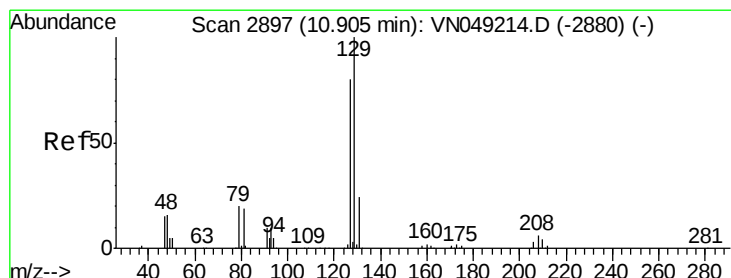
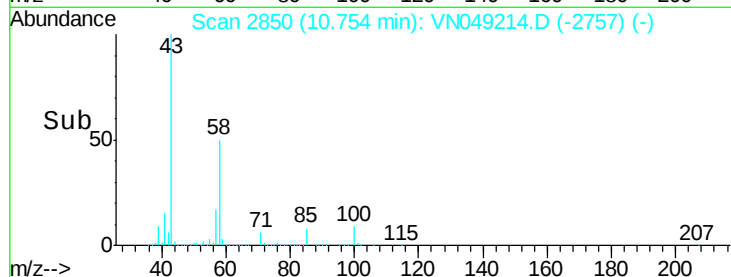
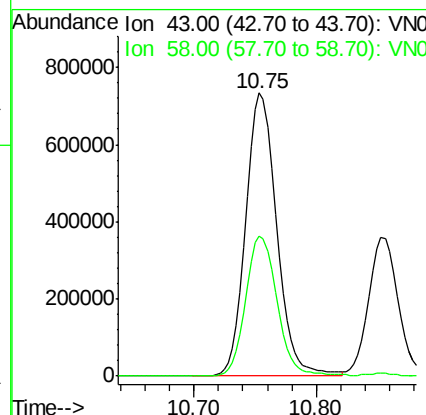
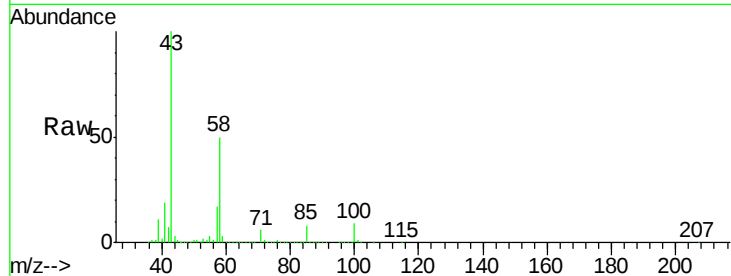




#59
2-Hexanone
Concen: 246.00 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

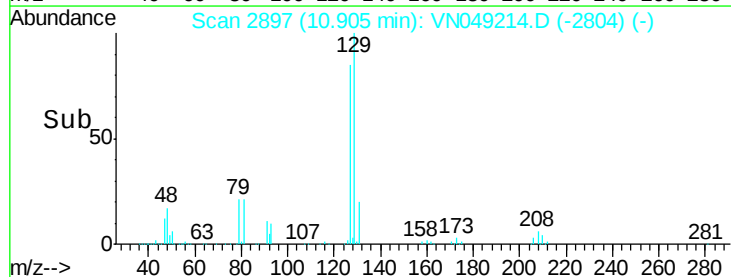
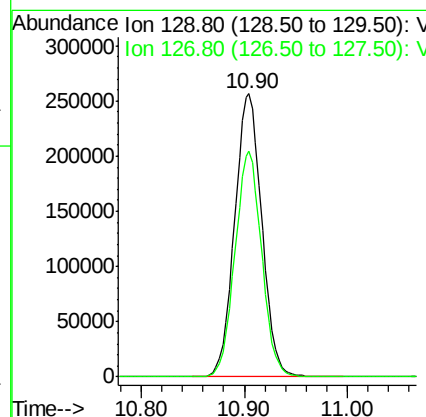
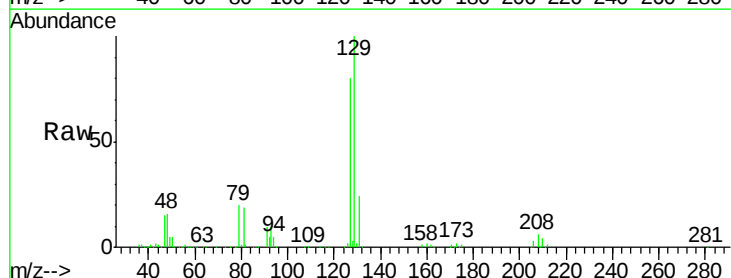
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

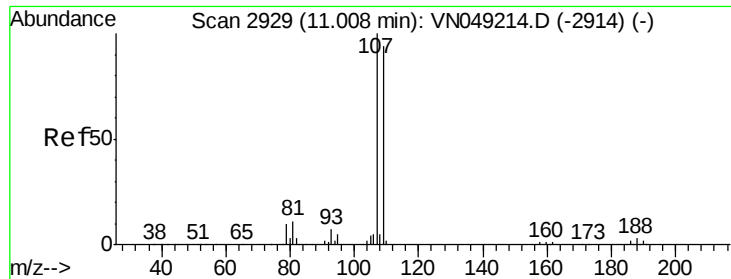
Tgt Ion: 43 Resp: 1280772
Ion Ratio Lower Upper
43 100
58 50.4 25.2 75.6



#60
Dibromochloromethane
Concen: 52.72 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Tgt Ion: 129 Resp: 471524
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.2

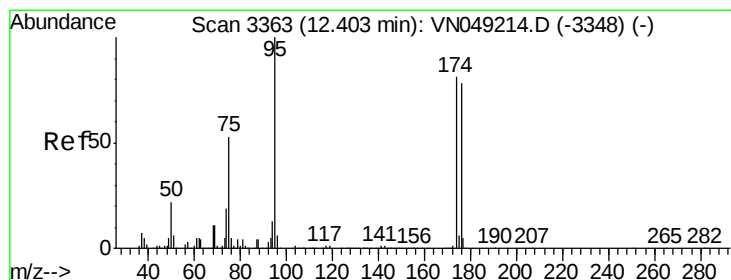
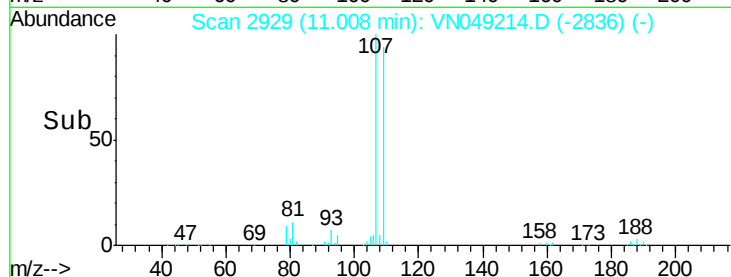
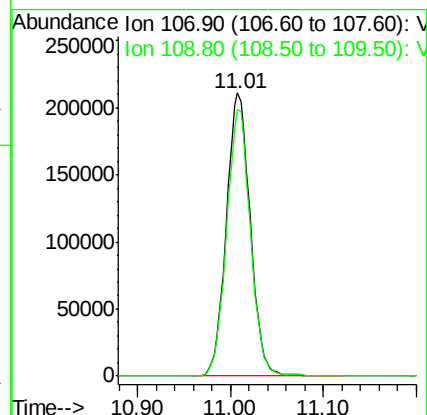
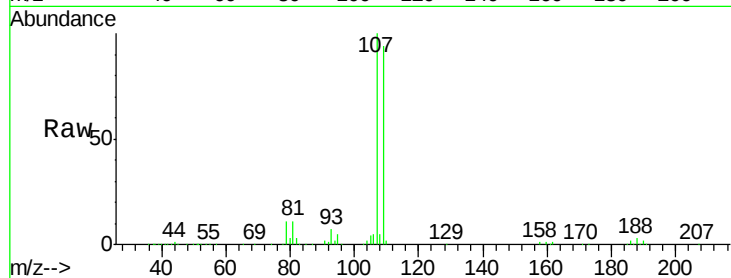




#61
 1,2-Dibromoethane
 Concen: 50.19 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

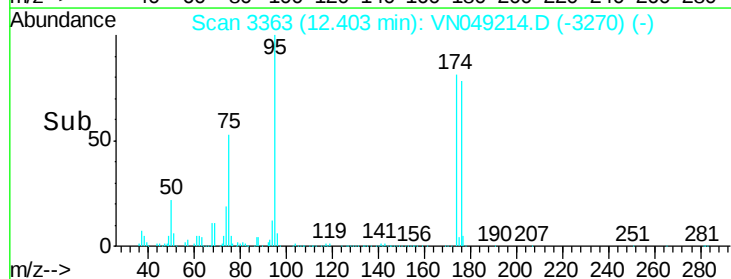
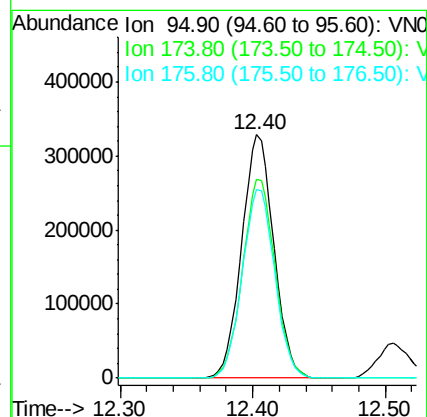
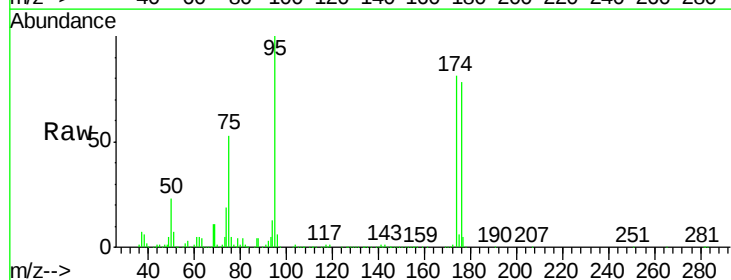
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

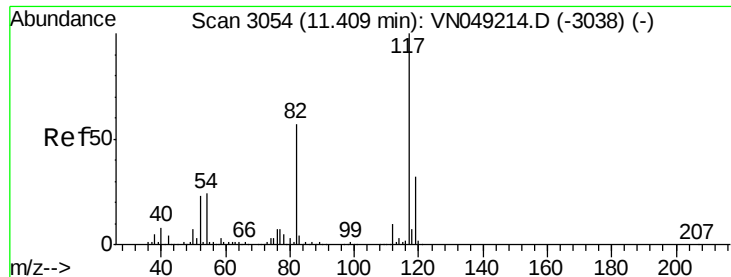
Tgt Ion: 107 Resp: 376340
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 52.13 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

Tgt Ion: 95 Resp: 551666
 Ion Ratio Lower Upper
 95 100
 174 82.8 0.0 165.6
 176 78.7 0.0 157.4

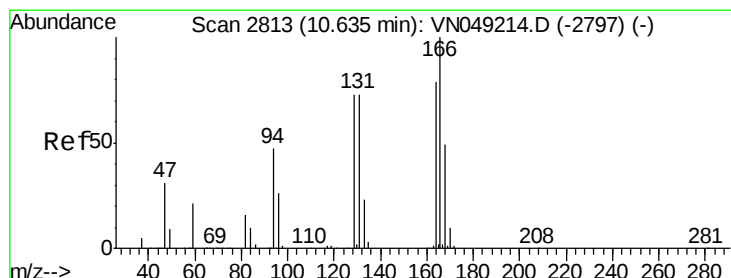
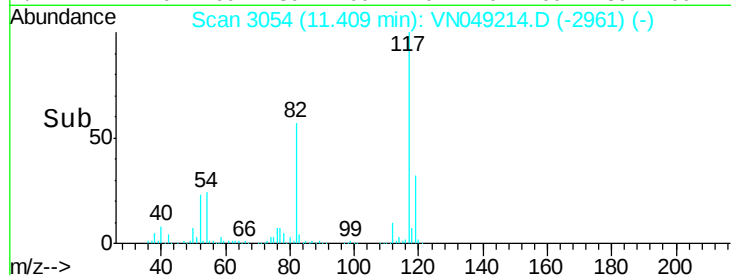
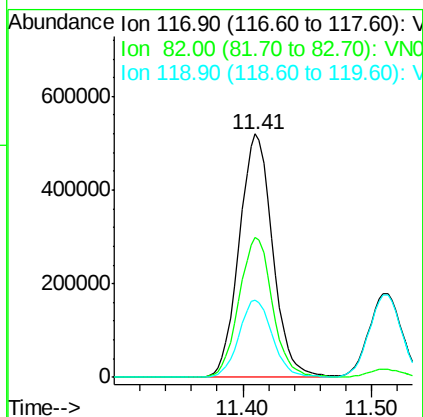
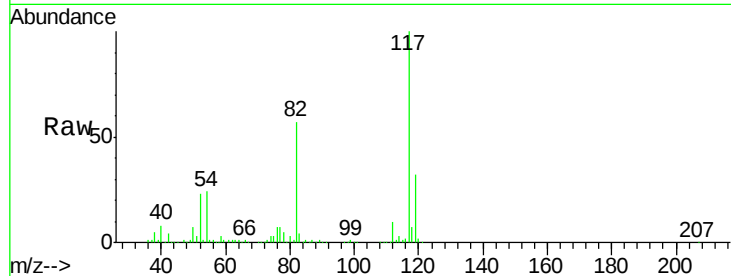




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

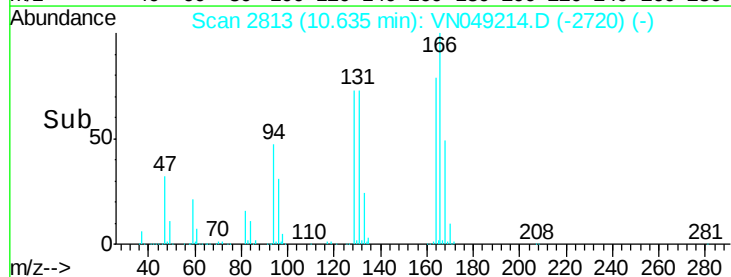
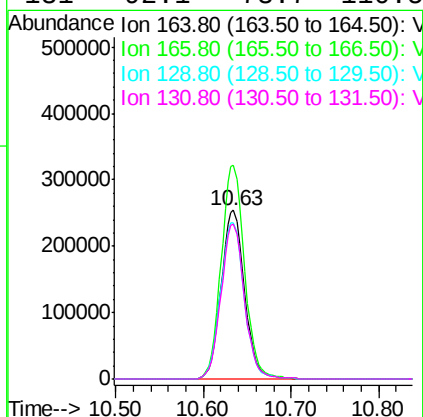
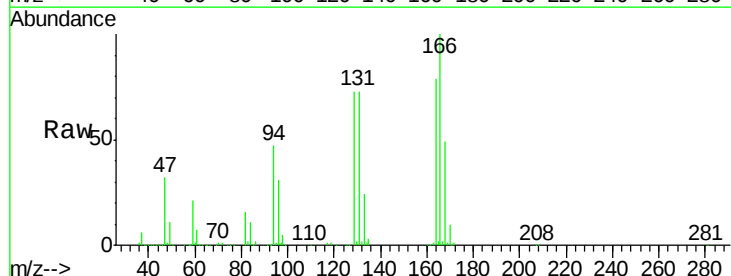
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

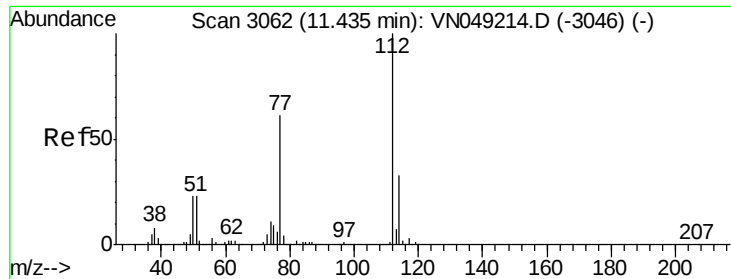
Tgt Ion:117 Resp: 938924
Ion Ratio Lower Upper
117 100
82 57.4 45.9 68.9
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 51.79 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Tgt Ion:164 Resp: 470214
Ion Ratio Lower Upper
164 100
166 126.8 101.4 152.2
129 92.6 74.1 111.1
131 92.1 73.7 110.5





#65

Chlorobenzene

Concen: 50.01 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Instrument :

MSVOA_N

ClientSampleId :

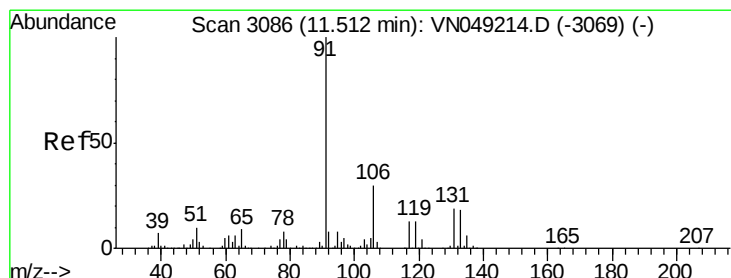
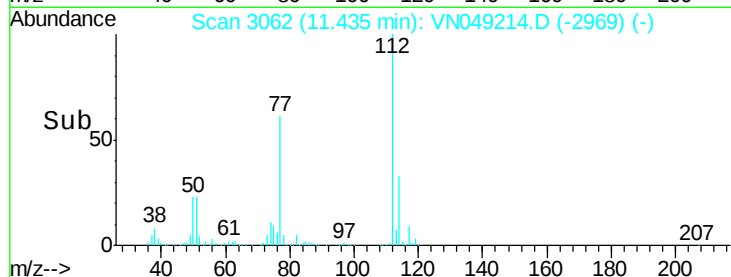
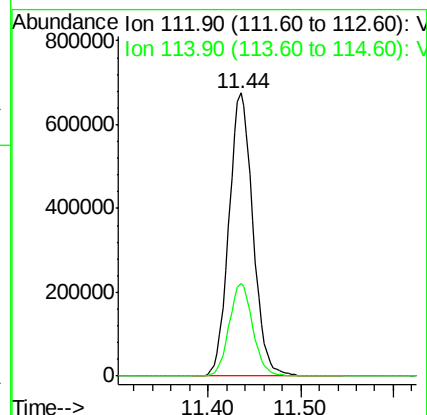
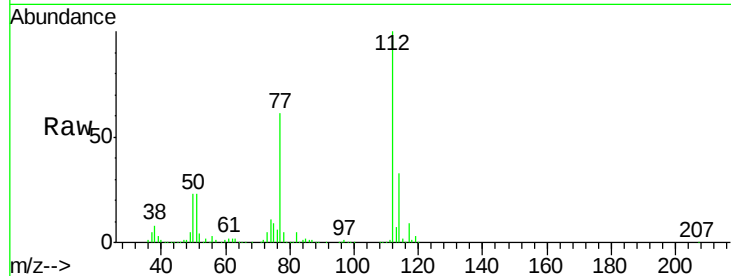
VSTDICCC050

Tgt Ion:112 Resp: 1208234

Ion Ratio Lower Upper

112 100

114 32.8 26.2 39.4



#66

1,1,1,2-Tetrachloroethane

Concen: 51.05 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

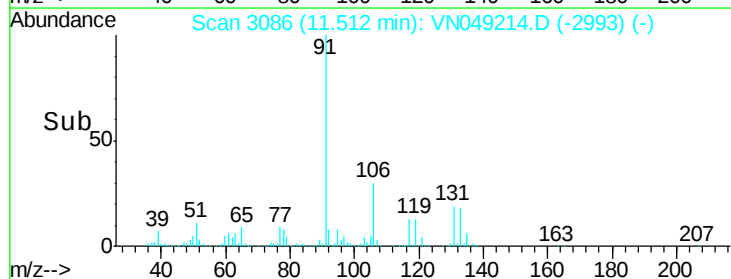
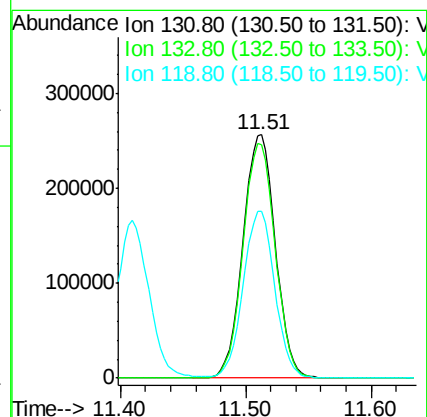
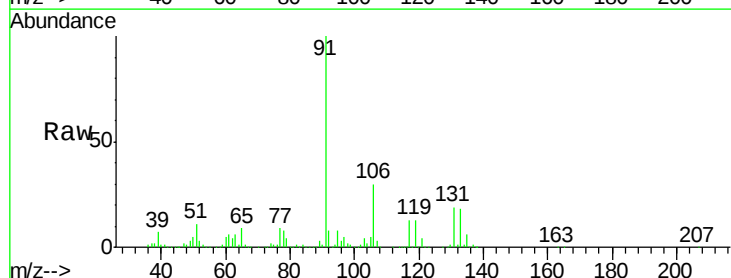
Tgt Ion:131 Resp: 460395

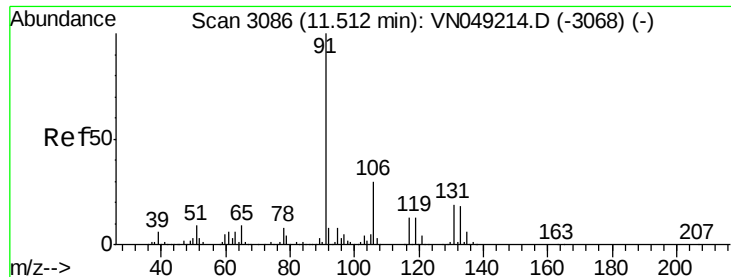
Ion Ratio Lower Upper

131 100

133 96.1 48.0 144.2

119 67.2 33.6 100.8

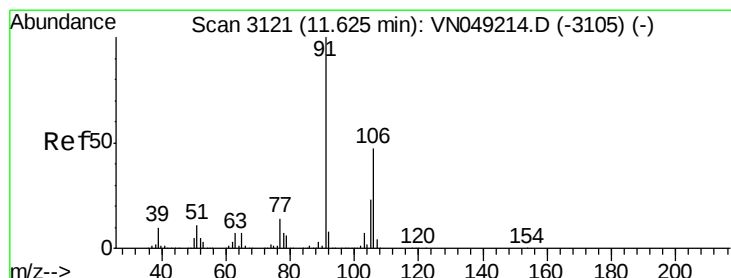
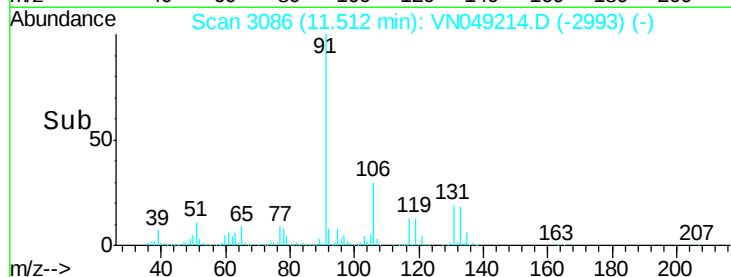
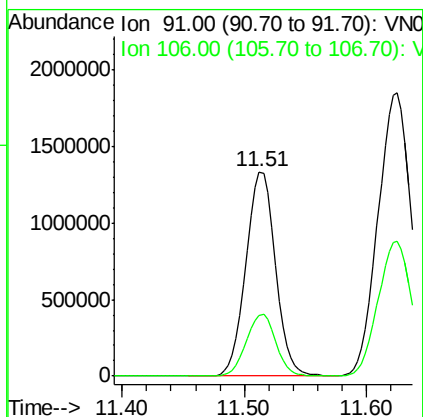
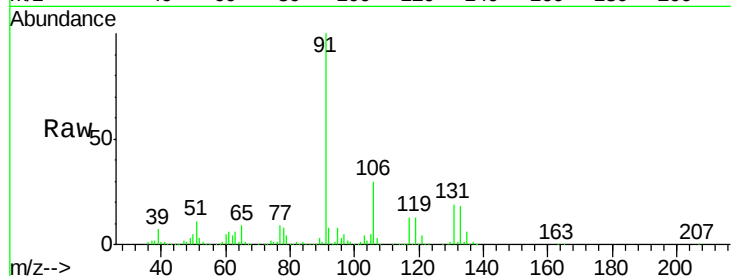




#67
Ethyl Benzene
Concen: 51.63 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

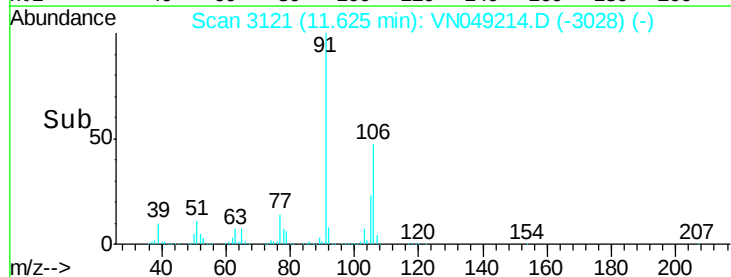
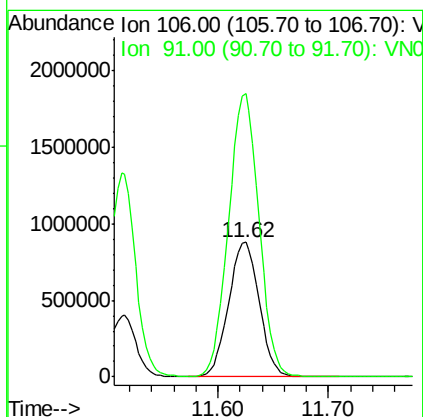
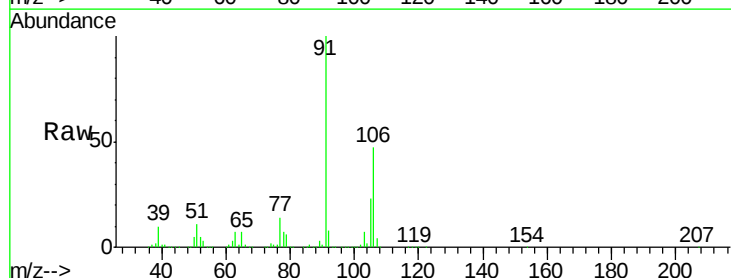
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

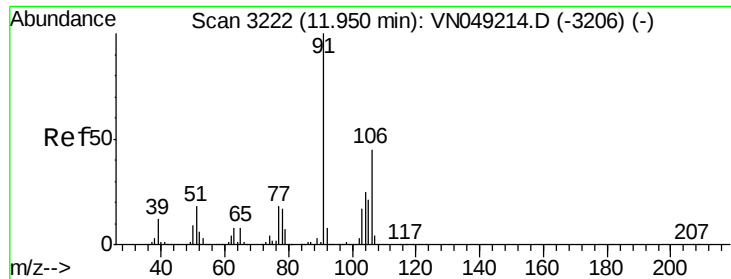
Tgt Ion: 91 Resp: 2219142
Ion Ratio Lower Upper
91 100
106 29.9 23.9 35.9



#68
m/p-Xylenes
Concen: 105.74 ug/l
RT: 11.62 min Scan# 3121
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Tgt Ion: 106 Resp: 1689229
Ion Ratio Lower Upper
106 100
91 209.1 167.3 250.9

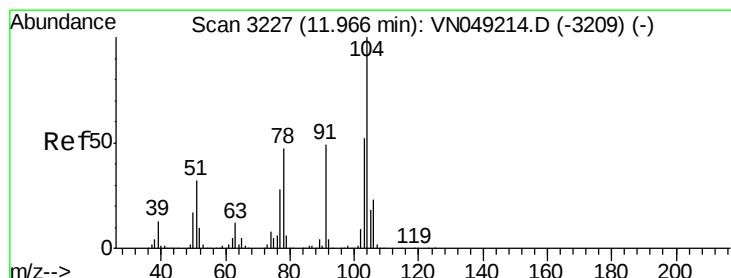
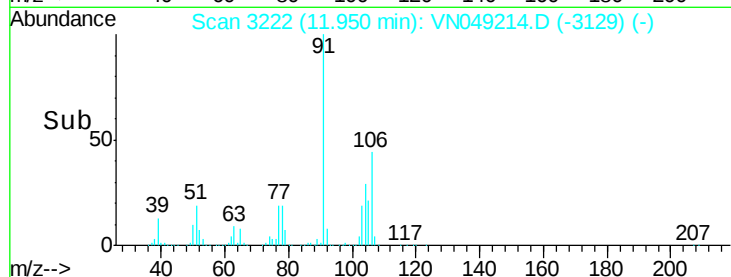
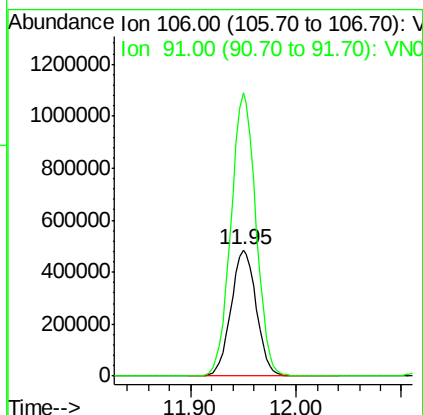
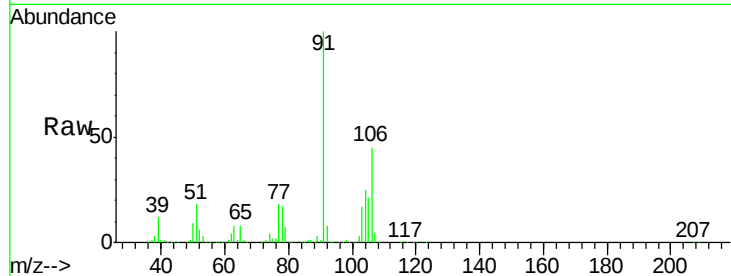




#69
o-Xylene
Concen: 52.29 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

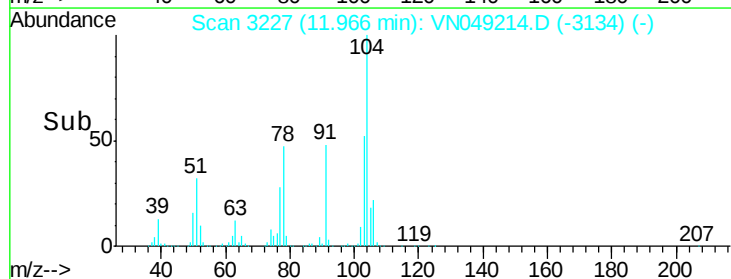
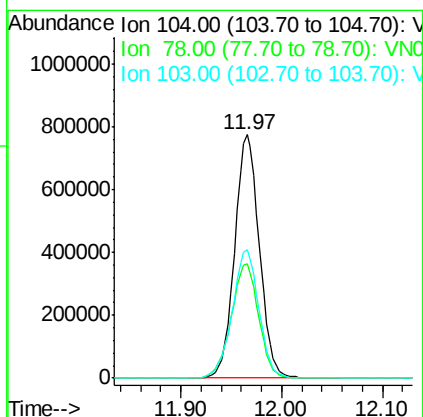
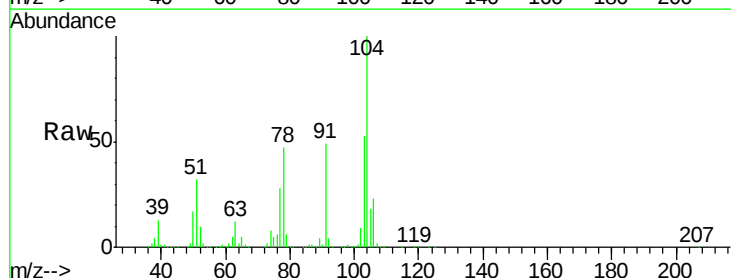
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

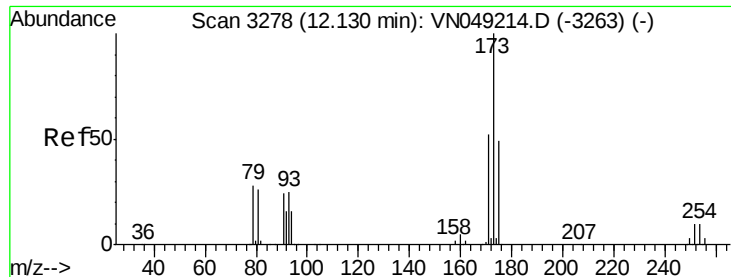
Tgt Ion:106 Resp: 802960
Ion Ratio Lower Upper
106 100
91 222.0 111.0 333.0



#70
Styrene
Concen: 53.37 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Tgt Ion:104 Resp: 1316919
Ion Ratio Lower Upper
104 100
78 52.0 41.6 62.4
103 56.8 45.4 68.2





#71

Bromoform

Concen: 50.94 ug/l

RT: 12.13 min Scan# 3278

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

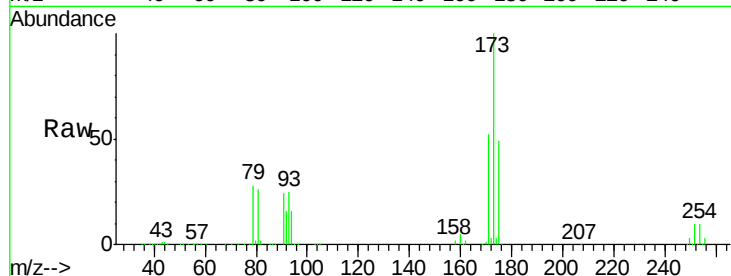
Tgt Ion:173 Resp: 300425

Ion Ratio Lower Upper

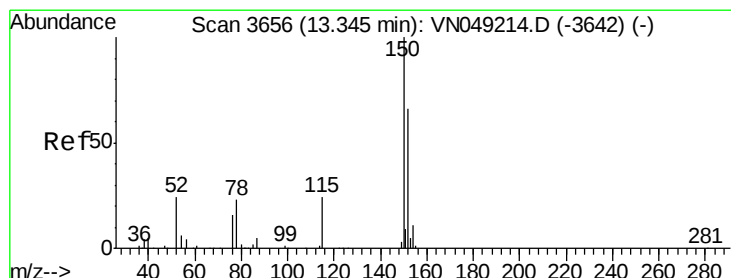
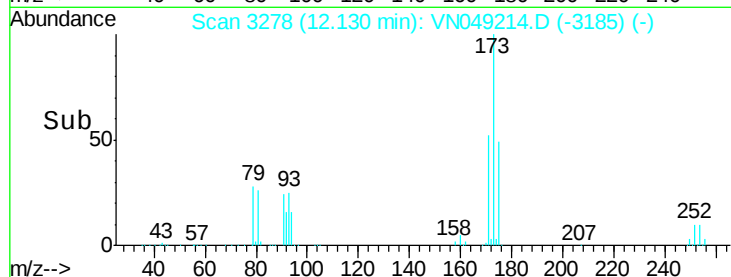
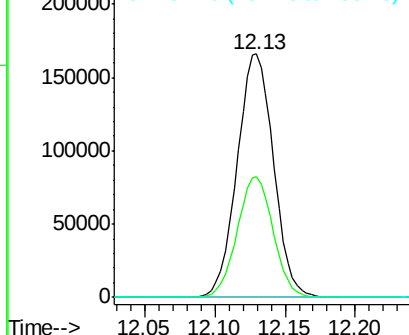
173 100

175 49.0 24.5 73.5

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

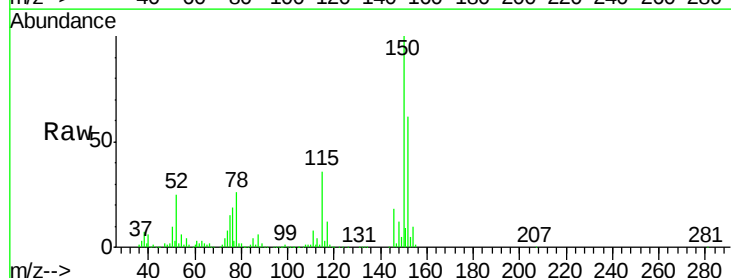
Tgt Ion:152 Resp: 495221

Ion Ratio Lower Upper

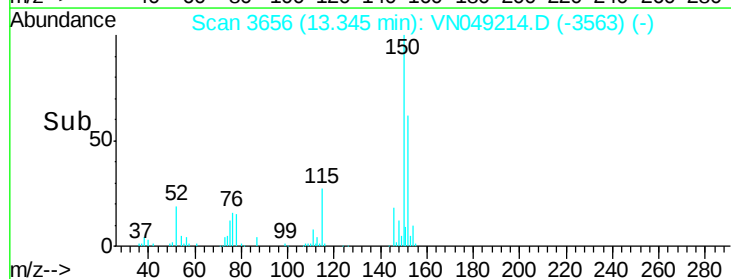
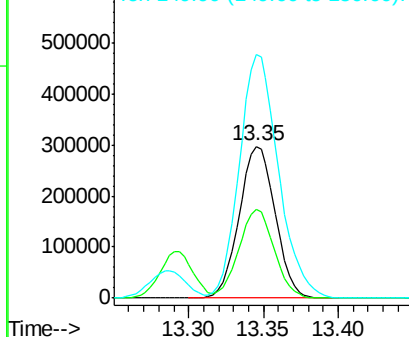
152 100

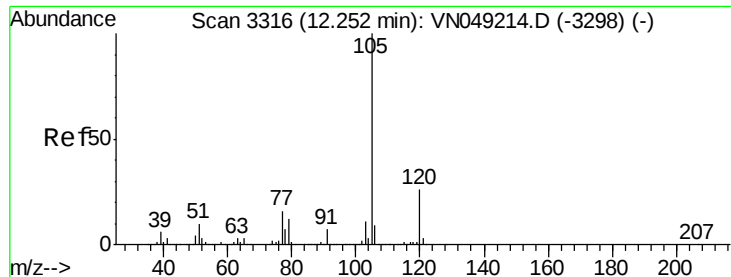
115 57.4 28.7 86.1

150 175.5 0.0 351.0



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





#73

Isopropylbenzene

Concen: 47.67 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Instrument :

MSVOA_N

ClientSampleId :

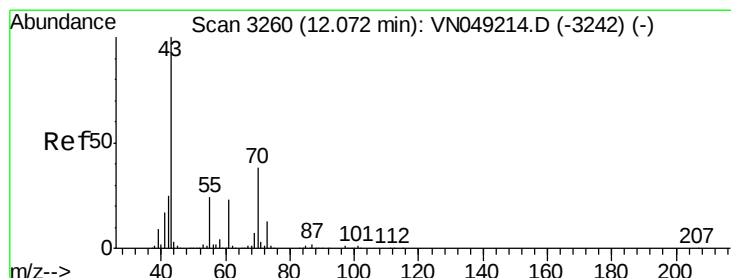
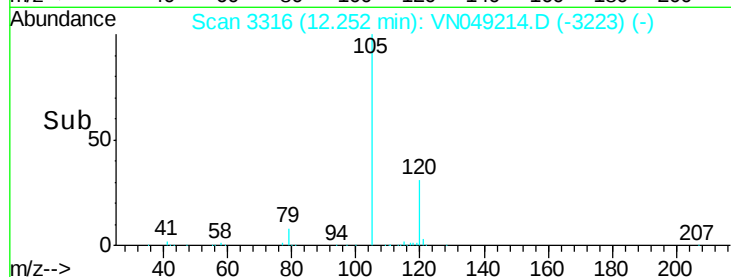
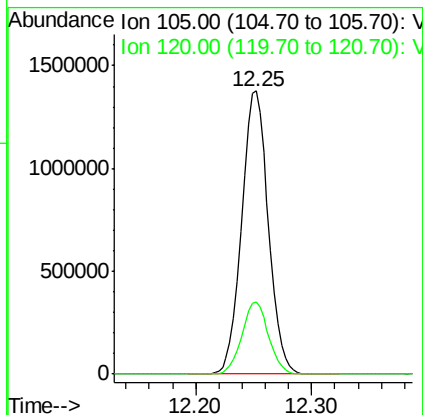
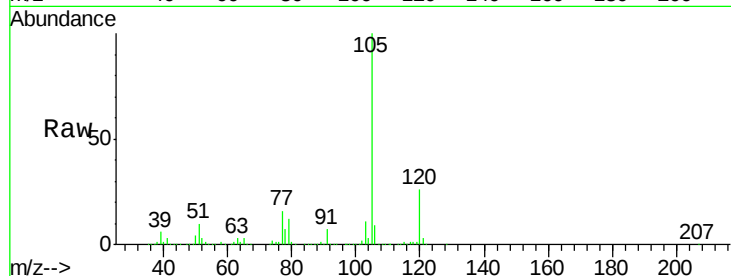
VSTDICCC050

Tgt Ion: 105 Resp: 2188572

Ion Ratio Lower Upper

105 100

120 25.5 12.8 38.3



#74

N-ethyl acetate

Concen: 46.60 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Tgt Ion: 43 Resp: 635563

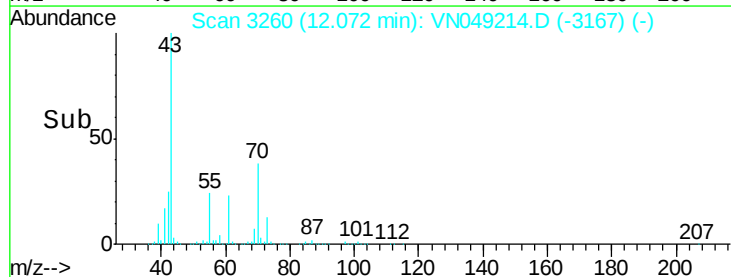
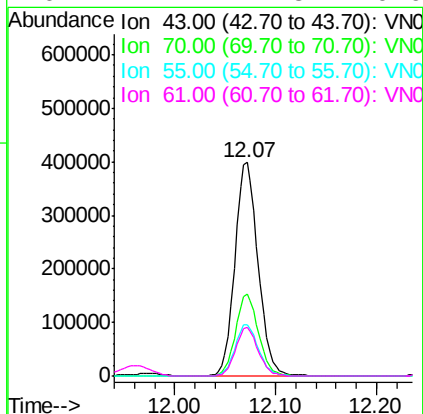
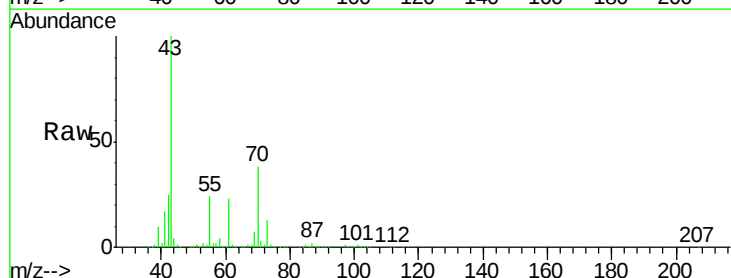
Ion Ratio Lower Upper

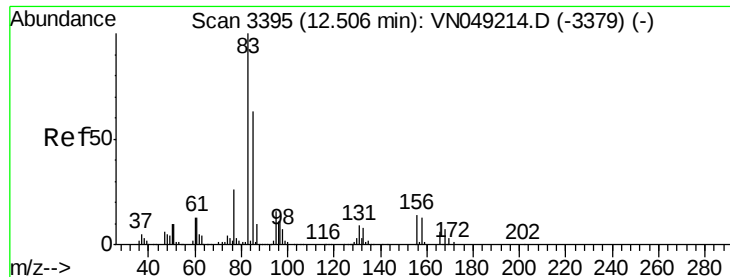
43 100

70 37.9 30.3 45.5

55 24.3 19.4 29.2

61 22.2 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 43.50 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

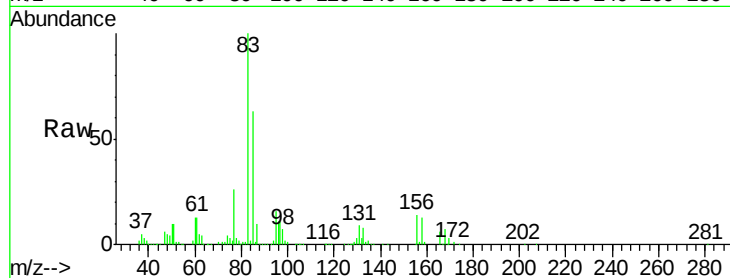
Tgt Ion: 83 Resp: 487592

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

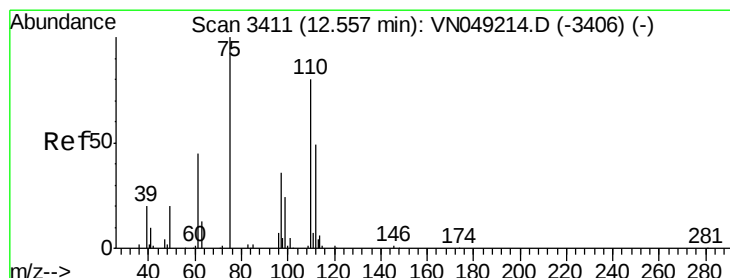
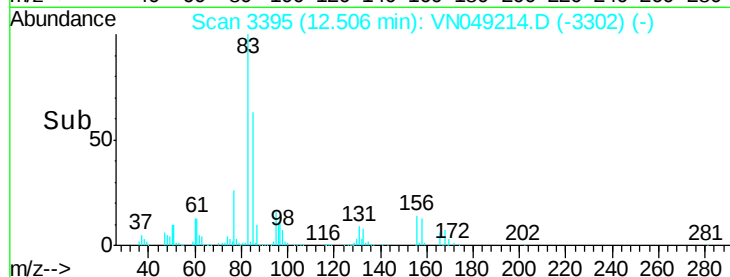
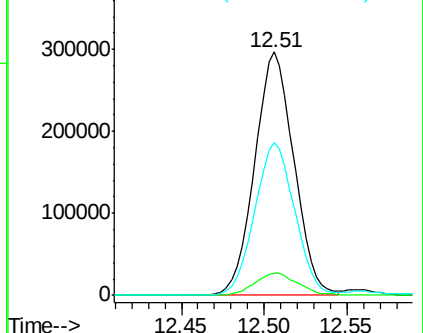
85 64.0 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN049214.D (-3379) (-)

Ion 130.80 (130.50 to 131.50): VN049214.D (-3379) (-)

Ion 84.90 (84.60 to 85.60): VN049214.D (-3379) (-)



#76

1,2,3-Trichloropropane

Concen: 66.23 ug/l

RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN049214.D

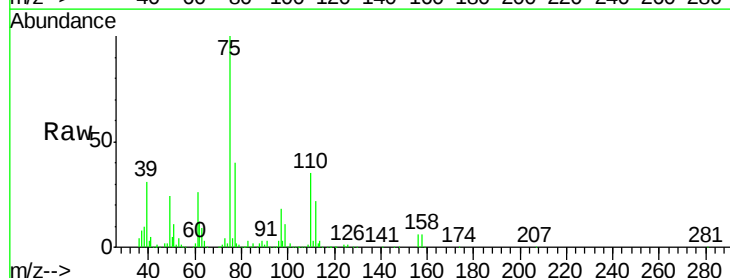
Acq: 13 Jun 2018 21:27

Tgt Ion: 75 Resp: 631499

Ion Ratio Lower Upper

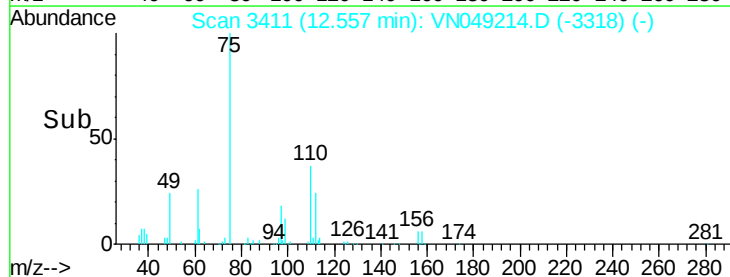
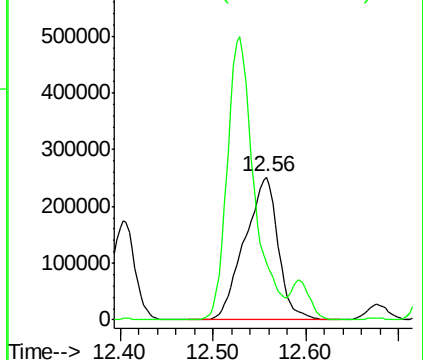
75 100

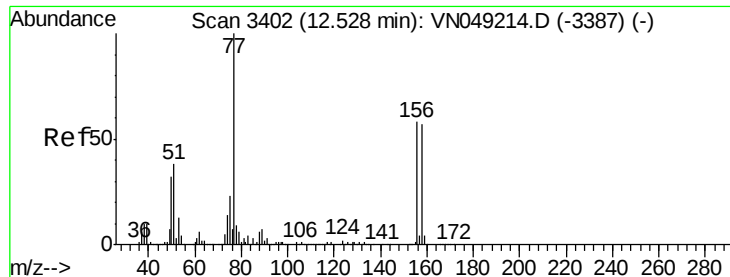
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN049214.D (-3406) (-)

Ion 77.00 (76.70 to 77.70): VN049214.D (-3406) (-)





#77

Bromobenzene

Concen: 46.36 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

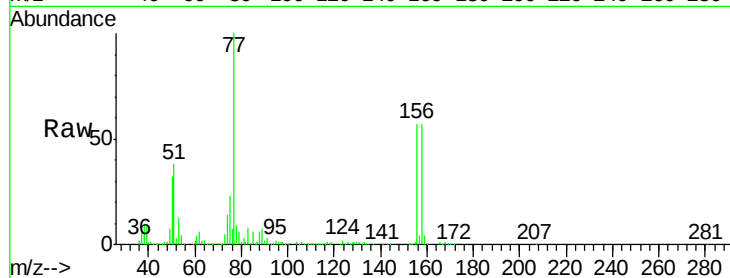
Tgt Ion:156 Resp: 499922

Ion Ratio Lower Upper

156 100

77 201.6 100.8 302.4

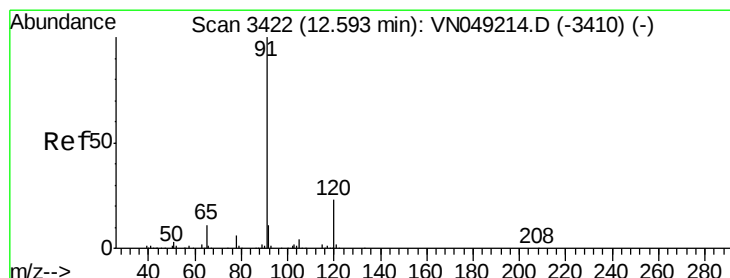
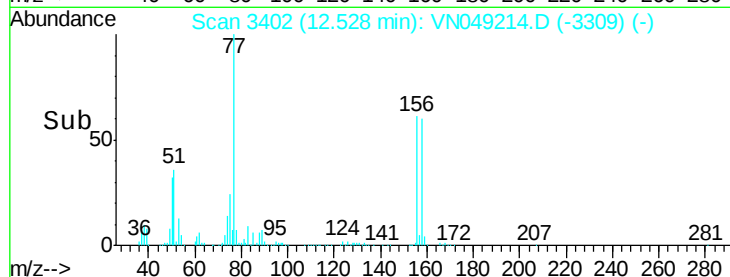
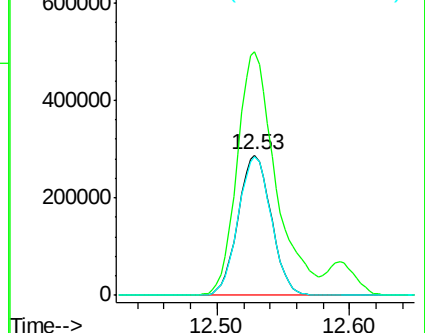
158 98.6 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.69 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049214.D

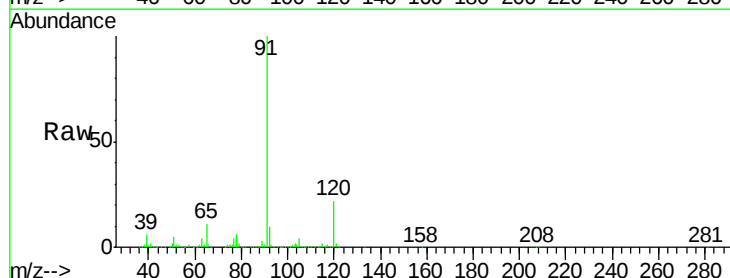
Acq: 13 Jun 2018 21:27

Tgt Ion: 91 Resp: 2553531

Ion Ratio Lower Upper

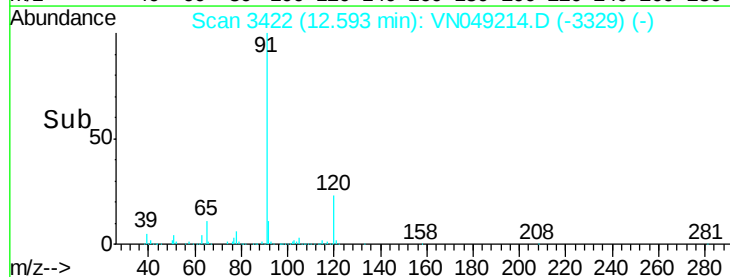
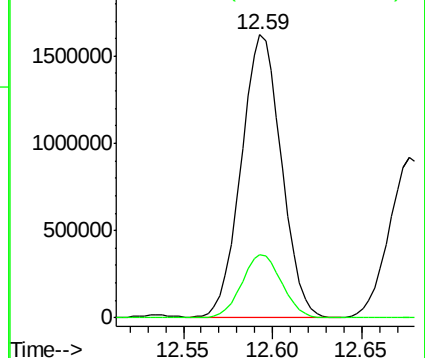
91 100

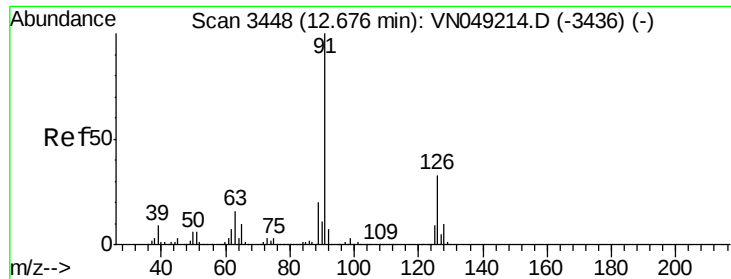
120 22.3 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.25 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Instrument :

MSVOA_N

ClientSampleId :

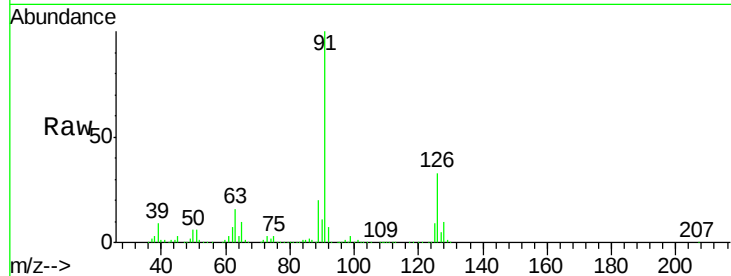
VSTDICCC050

Tgt Ion: 91 Resp: 1504062

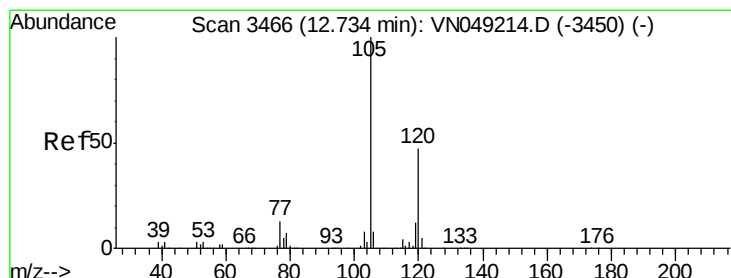
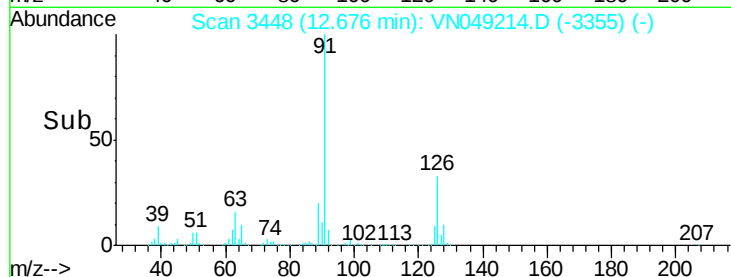
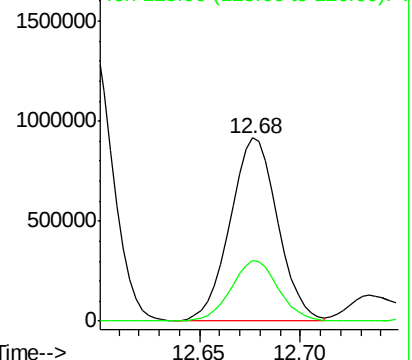
Ion Ratio Lower Upper

91 100

126 33.2 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN049214.D (-3436) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.37 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049214.D

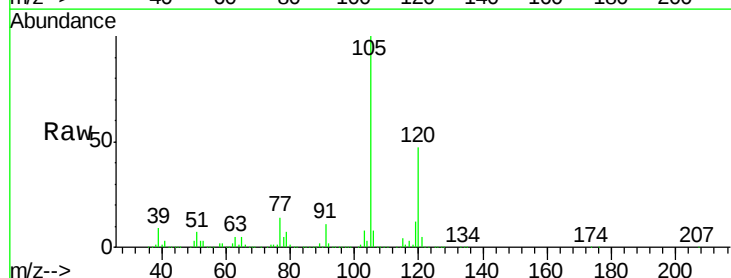
Acq: 13 Jun 2018 21:27

Tgt Ion: 105 Resp: 1810957

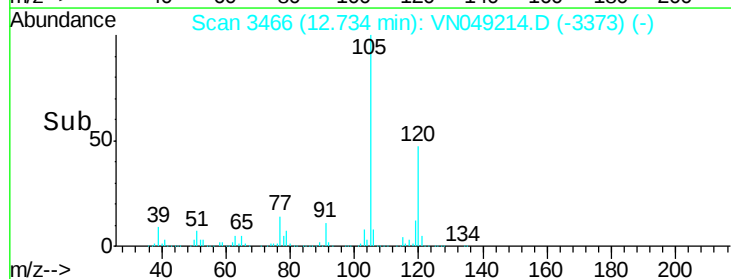
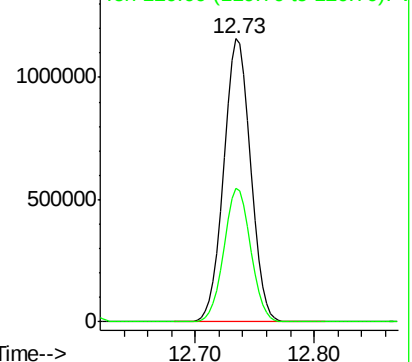
Ion Ratio Lower Upper

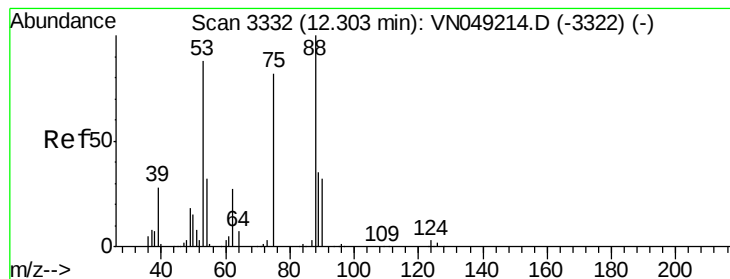
105 100

120 47.0 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): VN049214.D (-3450) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 43.32 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

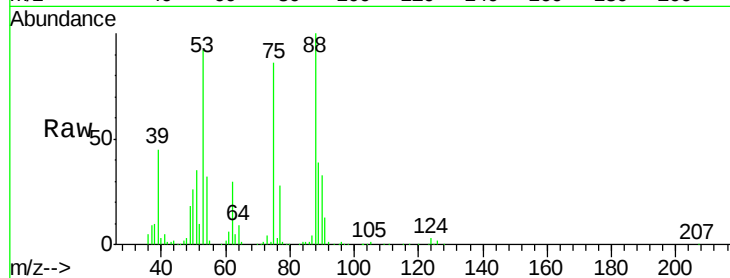
Tgt Ion: 75 Resp: 129515

Ion Ratio Lower Upper

75 100

53 103.4 82.7 124.1

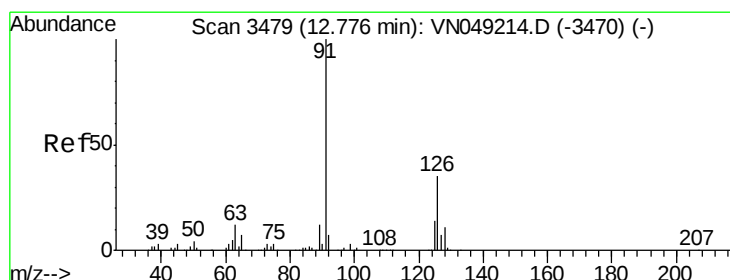
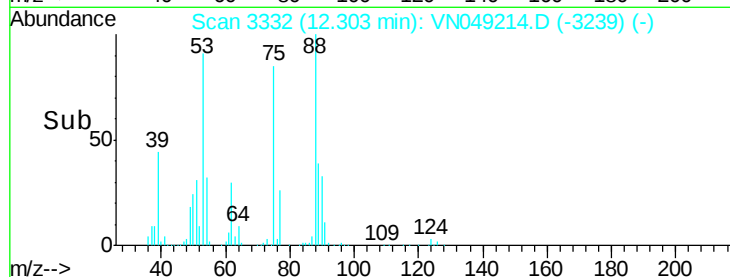
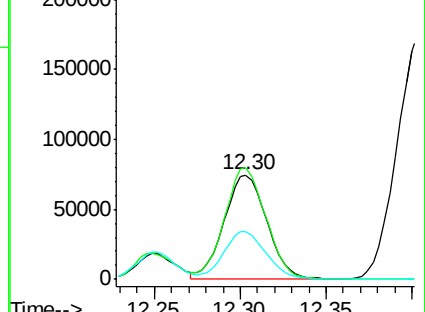
89 45.6 36.5 54.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 48.26 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. 0.00 min

Lab File: VN049214.D

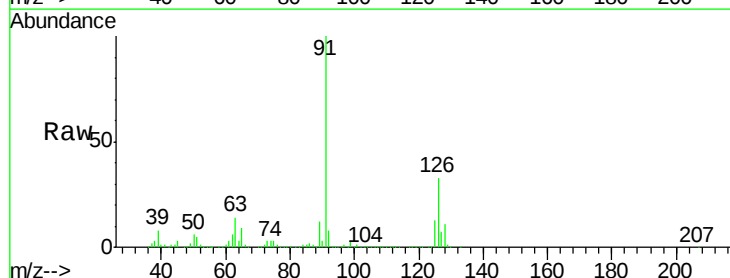
Acq: 13 Jun 2018 21:27

Tgt Ion: 91 Resp: 1513309

Ion Ratio Lower Upper

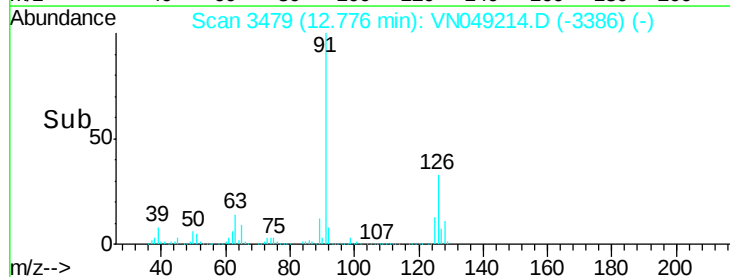
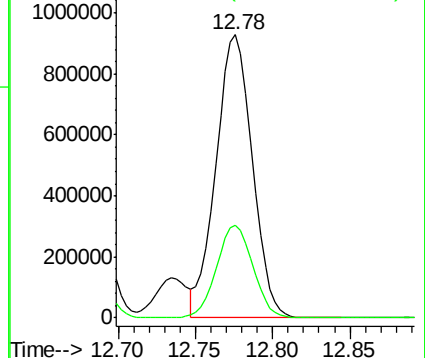
91 100

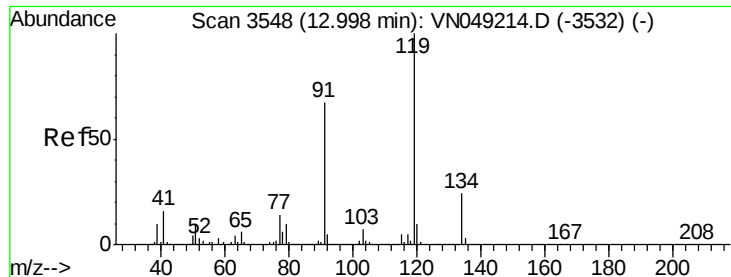
126 32.7 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

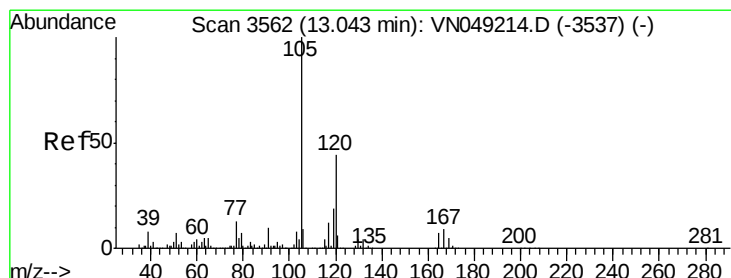
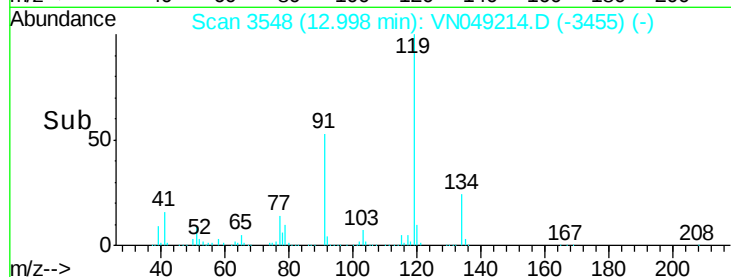
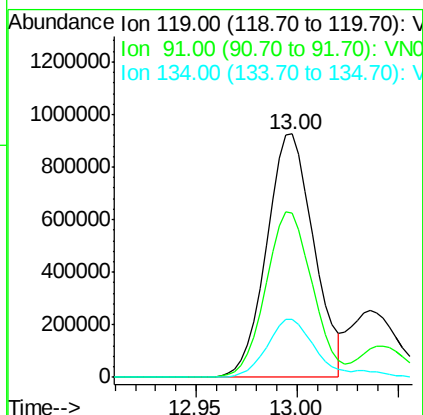
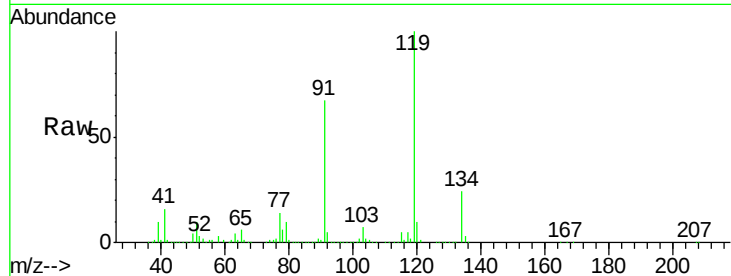




#83
 tert-Butylbenzene
 Concen: 48.62 ug/l
 RT: 13.00 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

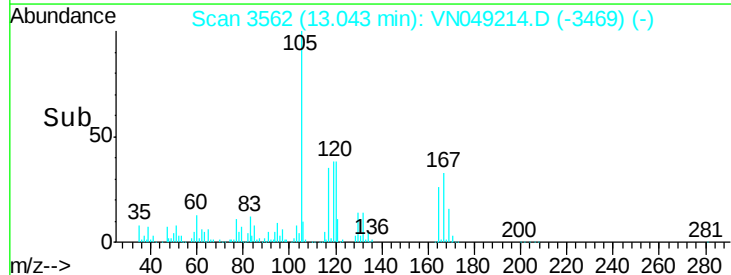
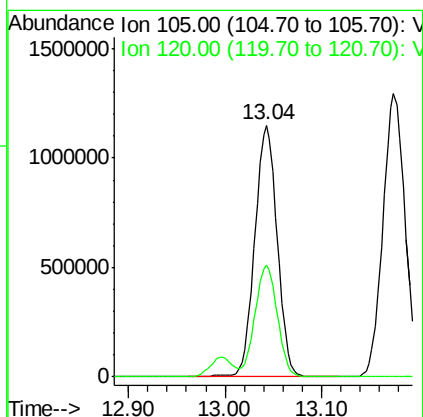
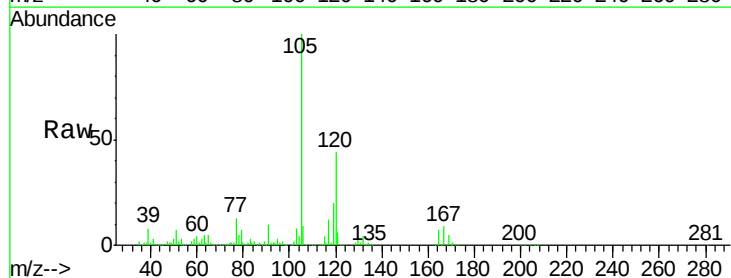
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

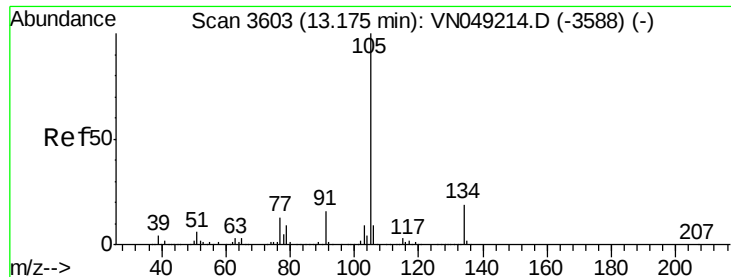
Tgt Ion:119 Resp: 1502533
 Ion Ratio Lower Upper
 119 100
 91 67.3 33.7 101.0
 134 25.7 12.9 38.6



#84
 1,2,4-Trimethylbenzene
 Concen: 49.74 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

Tgt Ion:105 Resp: 1842569
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.2 66.6

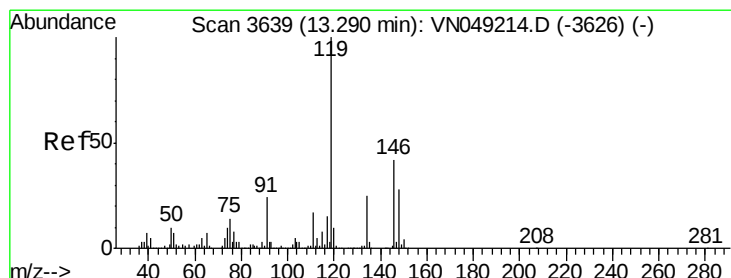
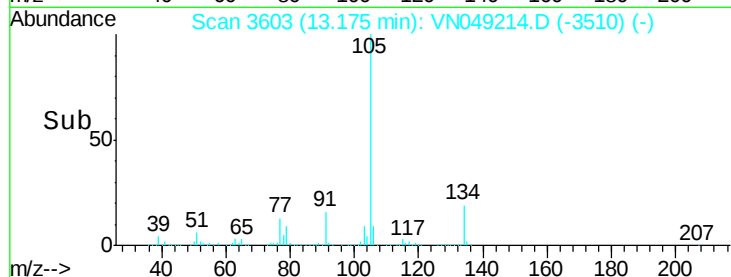
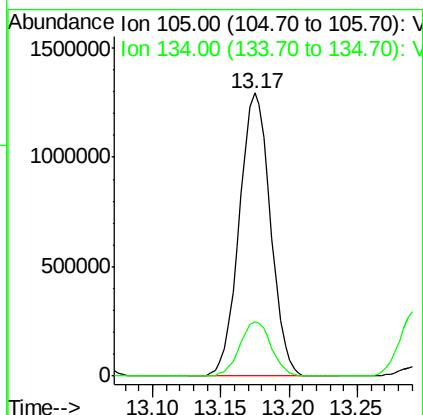
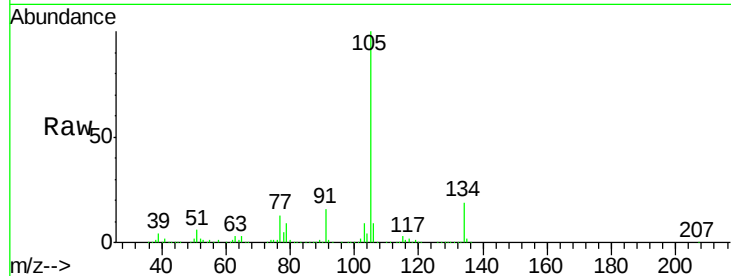




#85
 sec-Butylbenzene
 Concen: 48.63 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

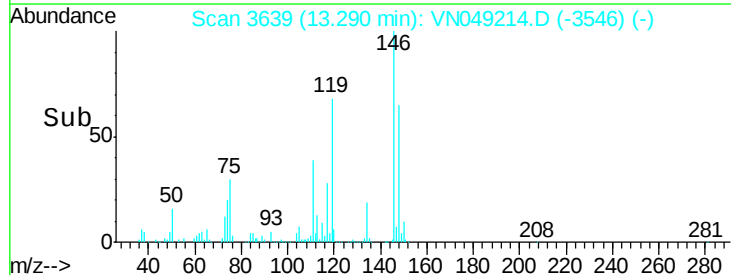
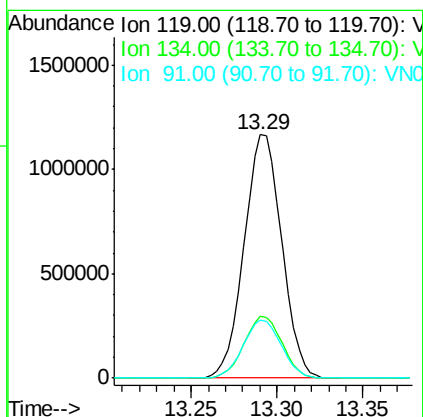
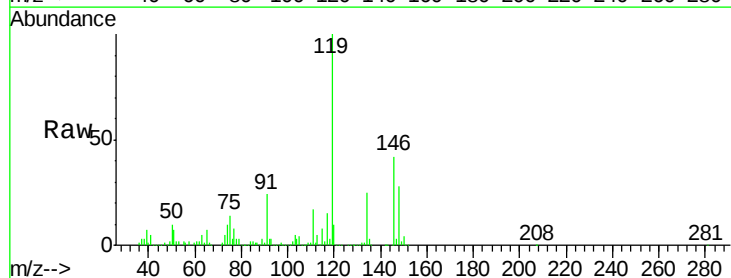
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

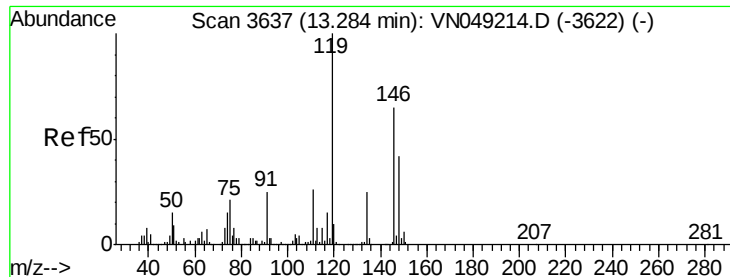
Tgt Ion:105 Resp: 2047435
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 50.55 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

Tgt Ion:119 Resp: 1769508
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.6
 91 24.2 12.1 36.3

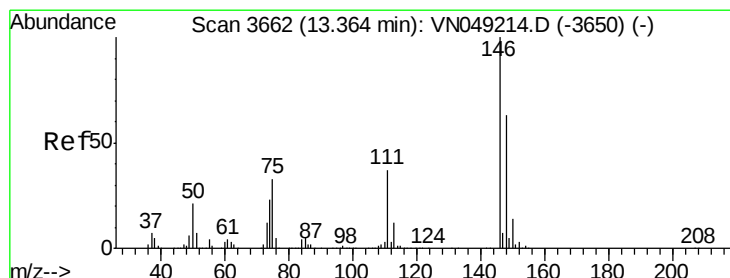
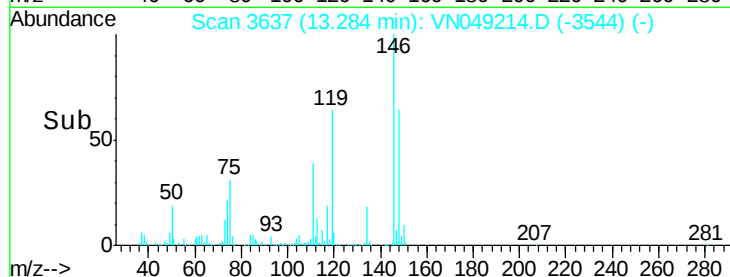
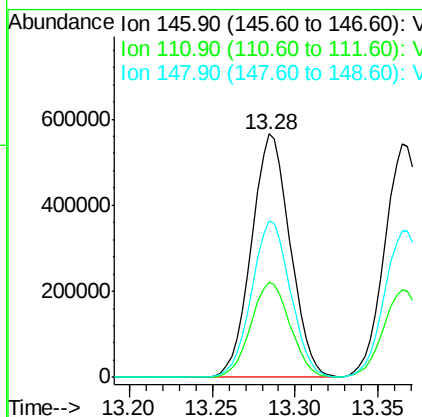
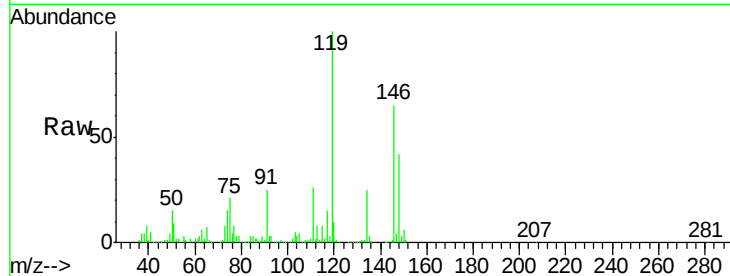




#87
 1,3-Dichlorobenzene
 Concen: 49.44 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

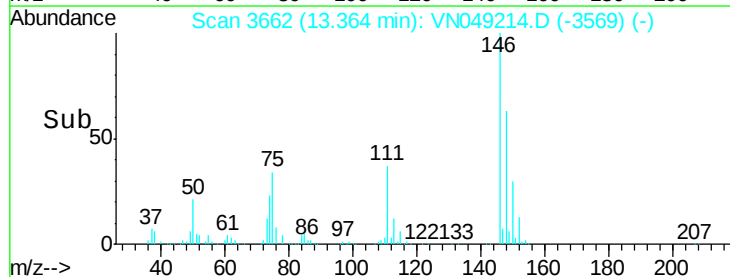
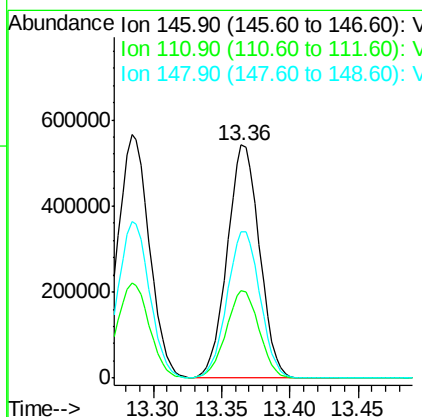
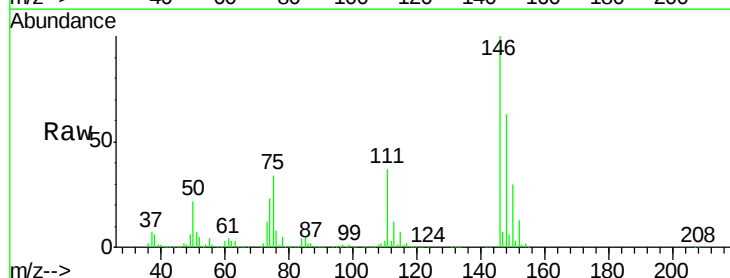
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

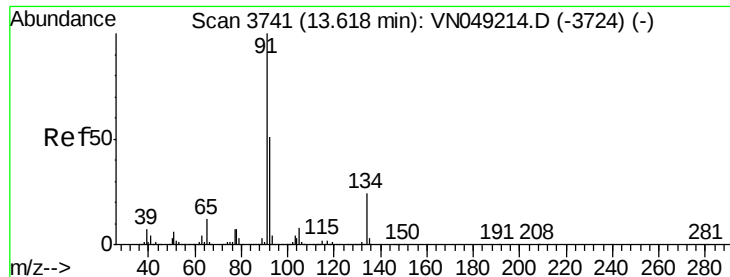
Tgt Ion:146 Resp: 917977
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.9 59.6
 148 64.3 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 49.51 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

Tgt Ion:146 Resp: 890624
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.1 57.1
 148 64.1 32.0 96.2





#89

n-Butylbenzene

Concen: 51.55 ug/l

RT: 13.62 min Scan# 3741

Delta R.T. 0.00 min

Lab File: VN049214.D

Acq: 13 Jun 2018 21:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

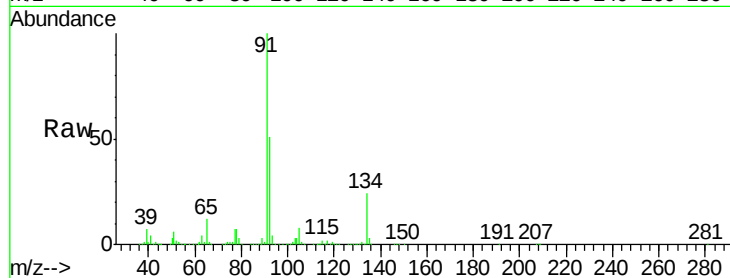
Tgt Ion: 91 Resp: 1459231

Ion Ratio Lower Upper

91 100

92 50.3 25.1 75.4

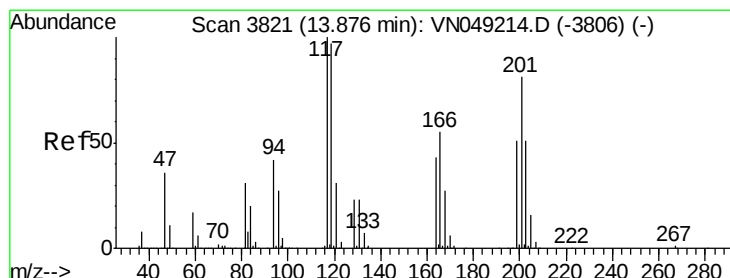
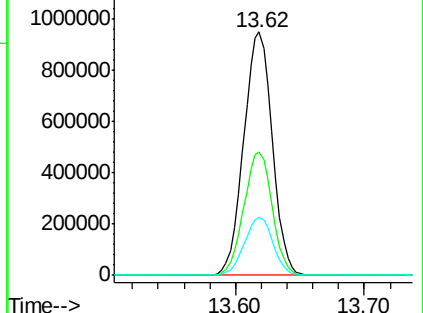
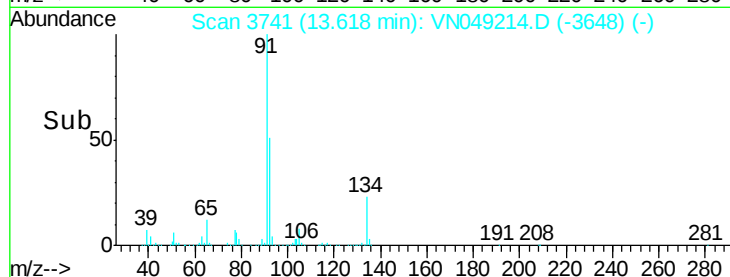
134 24.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN049214.D (-3724) (-)

Ion 92.00 (91.70 to 92.70): VN049214.D (-3724) (-)

Ion 134.00 (133.70 to 134.70): VN049214.D (-3724) (-)



#90

Hexachloroethane

Concen: 45.98 ug/l

RT: 13.88 min Scan# 3821

Delta R.T. 0.00 min

Lab File: VN049214.D

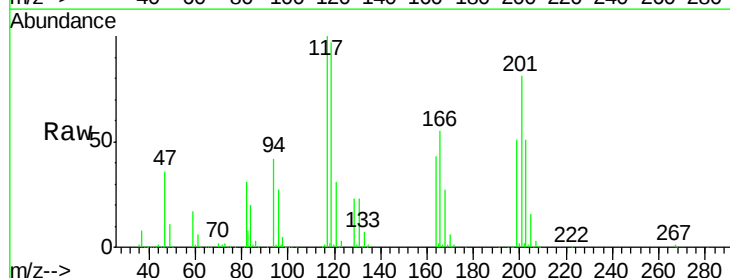
Acq: 13 Jun 2018 21:27

Tgt Ion: 117 Resp: 344290

Ion Ratio Lower Upper

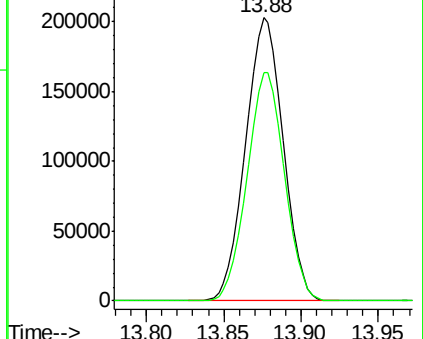
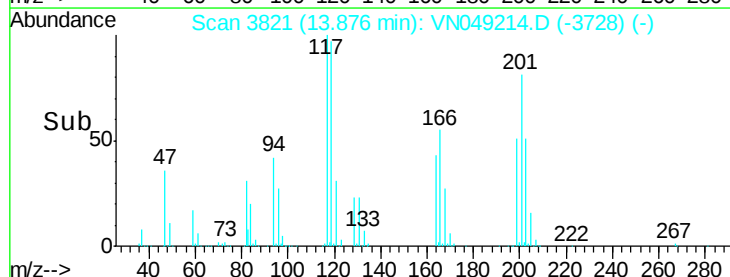
117 100

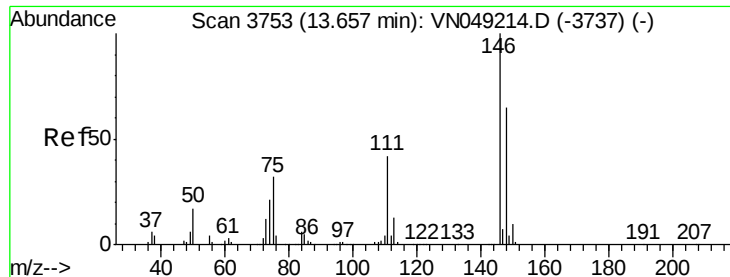
201 80.1 40.1 120.2



Abundance Ion 116.80 (116.50 to 117.50): VN049214.D (-3806) (-)

Ion 200.70 (200.40 to 201.40): VN049214.D (-3806) (-)

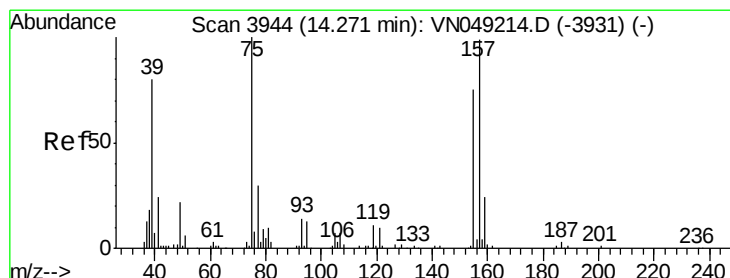
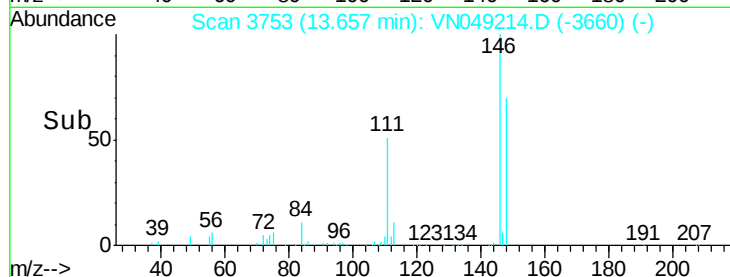
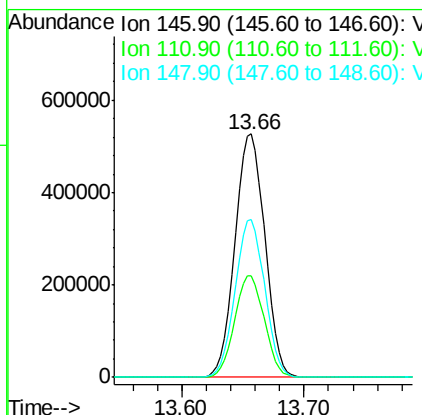
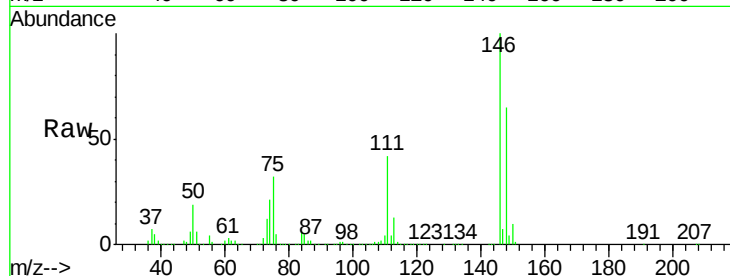




#91
 1,2-Dichlorobenzene
 Concen: 50.07 ug/l
 RT: 13.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

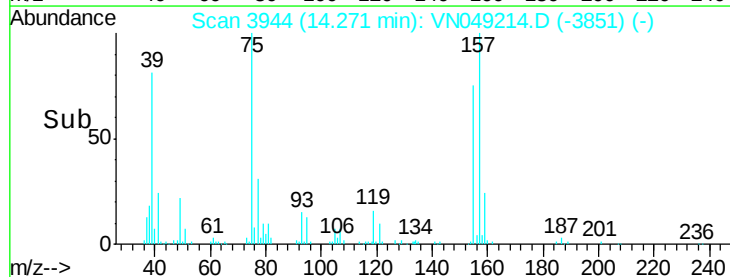
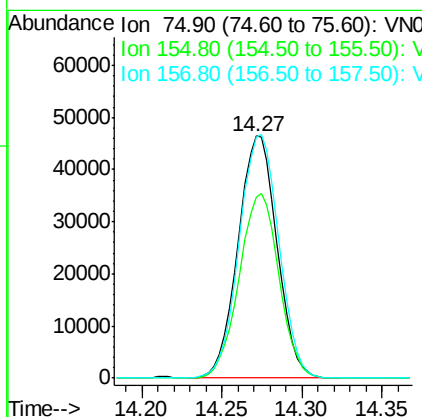
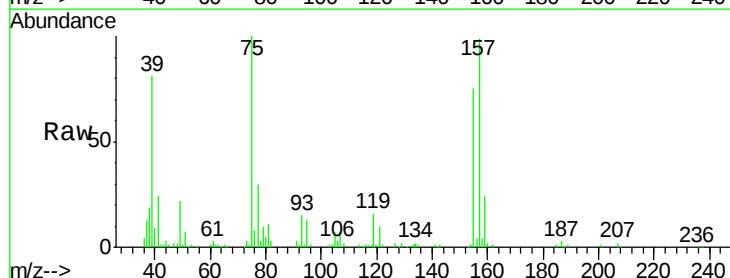
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

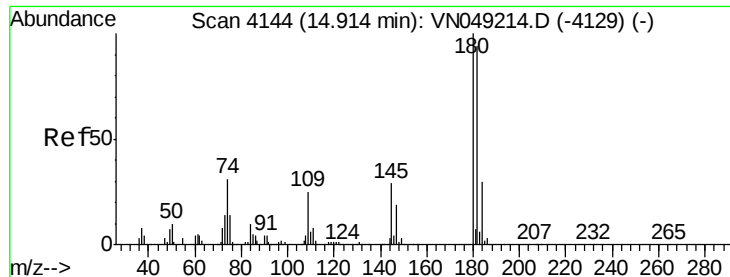
Tgt Ion: 146 Resp: 893411
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.8 62.2
 148 64.1 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.77 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

Tgt Ion: 75 Resp: 77302
 Ion Ratio Lower Upper
 75 100
 155 77.5 38.8 116.3
 157 102.1 51.0 153.1

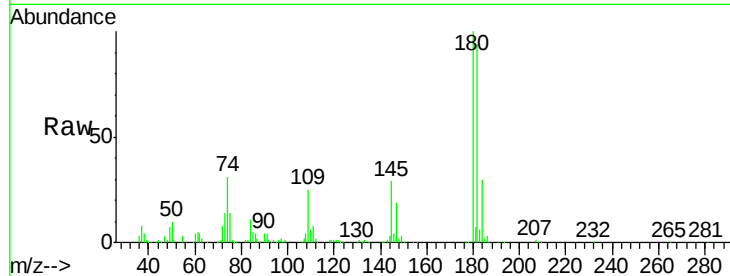




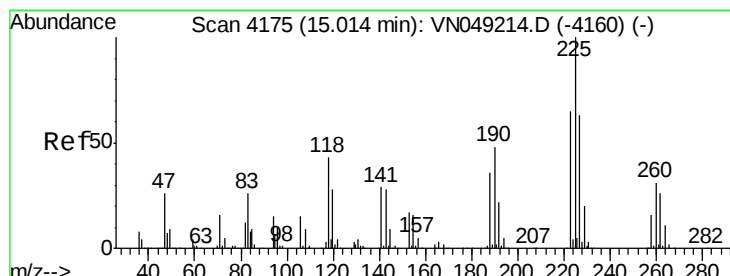
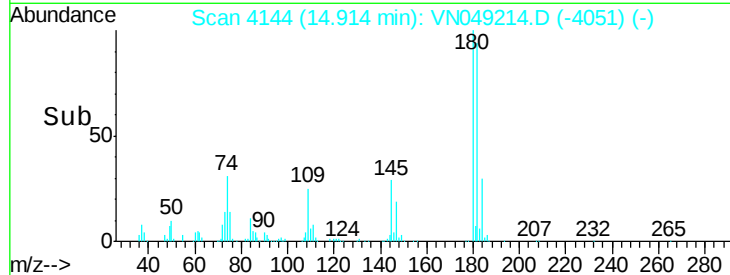
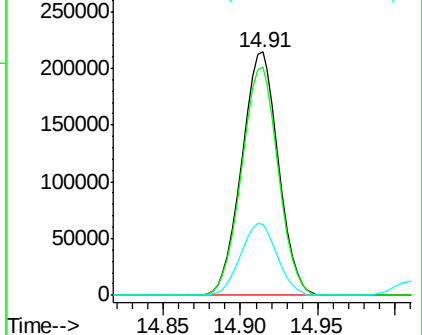
#93
 1,2,4-Trichlorobenzene
 Concen: 50.03 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:180 Resp: 353378
 Ion Ratio Lower Upper
 180 100
 182 93.9 46.9 140.8
 145 29.4 14.7 44.1

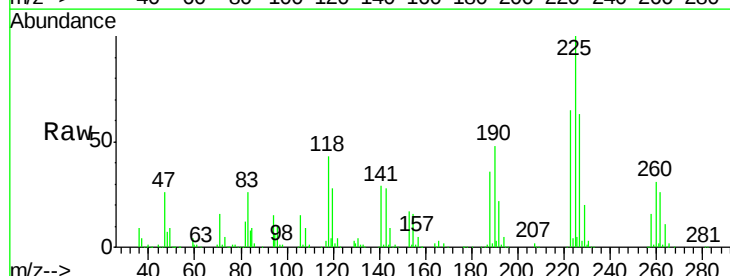


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

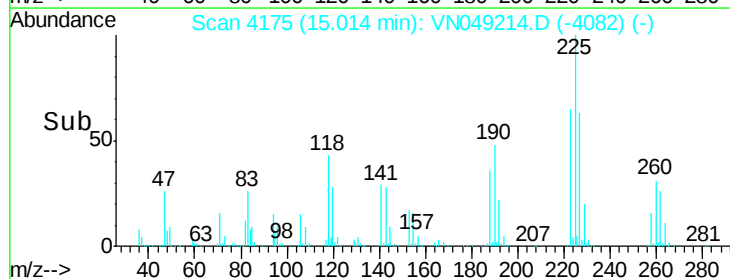
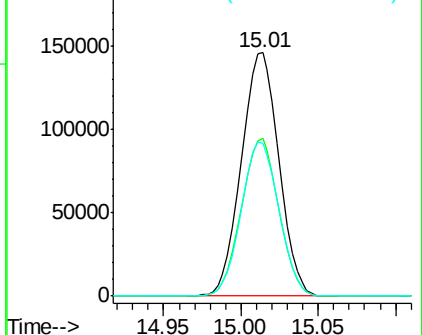


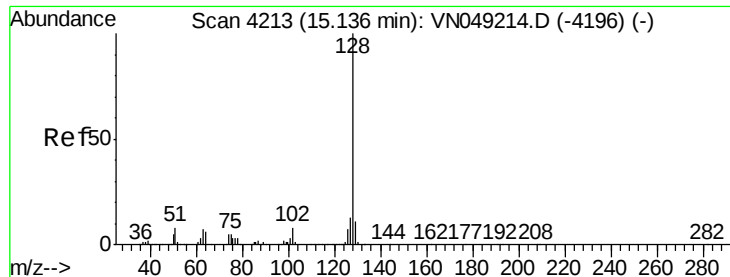
#94
 Hexachlorobutadiene
 Concen: 45.84 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049214.D
 Acq: 13 Jun 2018 21:27

Tgt Ion:225 Resp: 246922
 Ion Ratio Lower Upper
 225 100
 223 64.2 32.1 96.3
 227 63.5 31.8 95.3



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

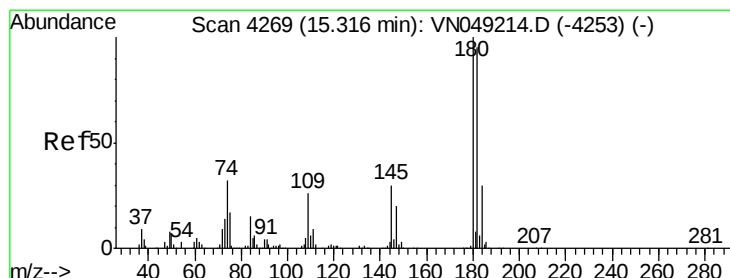
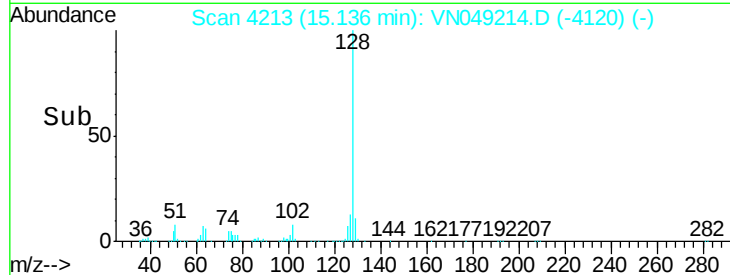
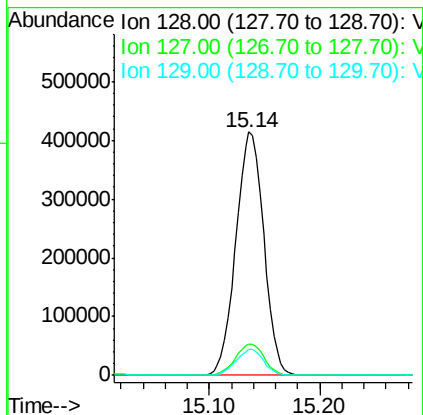
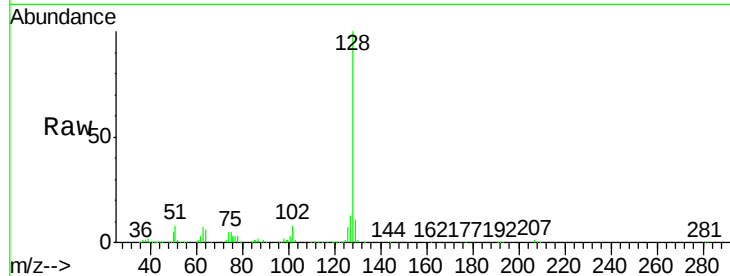




#95
Naphthalene
Concen: 46.81 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tgt Ion:128 Resp: 724929
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 10.6 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 49.39 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. 0.00 min
Lab File: VN049214.D
Acq: 13 Jun 2018 21:27

Tgt Ion:180 Resp: 355386
Ion Ratio Lower Upper
180 100
182 94.5 47.3 141.8
145 31.1 15.6 46.7

