

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080218\
 Data File : VN050279.D
 Acq On : 2 Aug 2018 21:59
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 03 01:58:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	602673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	891821	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	820977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	433121	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	414924	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
35) Dibromofluoromethane	7.59	113	370595	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
50) Toluene-d8	10.09	98	1349864	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	12.40	95	460444	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	395010	45.62	ug/l	99
3) Chloromethane	2.06	50	385919	41.00	ug/l	100
4) Vinyl Chloride	2.18	62	427667	43.14	ug/l	99
5) Bromomethane	2.55	94	159178	28.49	ug/l	99
6) Chloroethane	2.69	64	256245	43.04	ug/l	99
7) Trichlorofluoromethane	3.01	101	582137	45.33	ug/l	99
8) Diethyl Ether	3.41	74	210156	49.09	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	356782	46.20	ug/l	100
10) Methyl Iodide	3.95	142	270927	27.34	ug/l	100
11) Tert butyl alcohol	4.81	59	180054	291.02	ug/l	99
12) 1,1-Dichloroethene	3.73	96	318316	45.83	ug/l	98
13) Acrolein	3.61	56	210001	422.46	ug/l	97
14) Allyl chloride	4.32	41	520038	48.28	ug/l	97
15) Acrylonitrile	5.00	53	748498	277.29	ug/l	99
16) Acetone	3.82	43	550253	278.31	ug/l	99
17) Carbon Disulfide	4.05	76	833572	39.17	ug/l	100
18) Methyl Acetate	4.33	43	528333	69.21	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	994458	53.72	ug/l	100
20) Methylene Chloride	4.55	84	379168	50.88	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	341231	46.36	ug/l	100
22) Diisopropyl ether	5.96	45	1160357	54.33	ug/l	100
23) Vinyl Acetate	5.90	43	3912292	259.22	ug/l	100
24) 1,1-Dichloroethane	5.85	63	680253	48.71	ug/l	100
25) 2-Butanone	6.84	43	905334	282.27	ug/l	100
26) 2,2-Dichloropropane	6.83	77	432739	40.73	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	397374	50.15	ug/l	98
28) Bromochloromethane	7.20	49	329510	51.73	ug/l	99
29) Tetrahydrofuran	7.22	42	594054	286.63	ug/l	100
30) Chloroform	7.37	83	697174	48.92	ug/l	98
31) Cyclohexane	7.66	56	534792	46.17	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	591610	48.53	ug/l	100
36) 1,1-Dichloropropene	7.80	75	492045	48.97	ug/l	99
37) Ethyl Acetate	6.94	43	378524	54.03	ug/l	100
38) Carbon Tetrachloride	7.77	117	518202	48.61	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.09	83	498735	48.25	ug/l	99
40) Benzene	8.04	78	1538926	50.33	ug/l	98
41) Methacrylonitrile	7.18	41	182123	49.92	ug/l #	86
42) 1,2-Dichloroethane	8.13	62	509142	49.92	ug/l	100
43) Isopropyl Acetate	8.17	43	738007	56.04	ug/l	98
44) Trichloroethene	8.84	130	390456	47.53	ug/l	99
45) 1,2-Dichloropropane	9.12	63	418481	51.68	ug/l	98
46) Dibromomethane	9.21	93	257194	51.15	ug/l	99
47) Bromodichloromethane	9.41	83	544625	51.32	ug/l	98
48) Methyl methacrylate	9.20	41	347742	57.64	ug/l	99
49) 1,4-Dioxane	9.20	88	101555	1236.90	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	2064127	299.73	ug/l	100
52) Toluene	10.16	92	943171	52.26	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	527231	52.65	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	590895	51.63	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	381863	53.34	ug/l	99
56) Ethyl methacrylate	10.43	69	499686	51.47	ug/l	99
57) 1,3-Dichloropropane	10.71	76	627360	53.82	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1054284	233.30	ug/l	100
59) 2-Hexanone	10.75	43	1404686	277.02	ug/l	99
60) Dibromochloromethane	10.90	129	427989	54.00	ug/l	99
61) 1,2-Dibromoethane	11.01	107	375267	52.83	ug/l	98
64) Tetrachloroethene	10.63	164	362269	45.90	ug/l	99
65) Chlorobenzene	11.44	112	1025733	49.46	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	406292	50.99	ug/l	99
67) Ethyl Benzene	11.51	91	1767364	53.05	ug/l	100
68) m/p-Xylenes	11.62	106	1366230	108.43	ug/l	100
69) o-Xylene	11.95	106	652177	54.30	ug/l	100
70) Styrene	11.97	104	1079995	50.54	ug/l	100
71) Bromoform	12.13	173	314757	54.30	ug/l #	100
73) Isopropylbenzene	12.25	105	1761445	52.44	ug/l	99
74) N-amyl acetate	12.07	43	562829	54.82	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	519190	58.16	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	617705	76.74	ug/l #	100
77) Bromobenzene	12.53	156	456144	49.00	ug/l	98
78) n-propylbenzene	12.59	91	2009184	53.51	ug/l	100
79) 2-Chlorotoluene	12.68	91	1208428	51.93	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1442029	54.58	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	135139	53.25	ug/l	100
82) 4-Chlorotoluene	12.78	91	1209260	52.47	ug/l	99
83) tert-Butylbenzene	12.99	119	1242873	53.90	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1468009	55.12	ug/l	100
85) sec-Butylbenzene	13.17	105	1655624	53.74	ug/l	100
86) p-Isopropyltoluene	13.29	119	1442801	55.58	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	798600	50.60	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	776101	50.45	ug/l	99
89) n-Butylbenzene	13.62	91	1136943	53.26	ug/l	100
90) Hexachloroethane	13.88	117	277068	48.06	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	800240	50.72	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	82719	55.35	ug/l	98

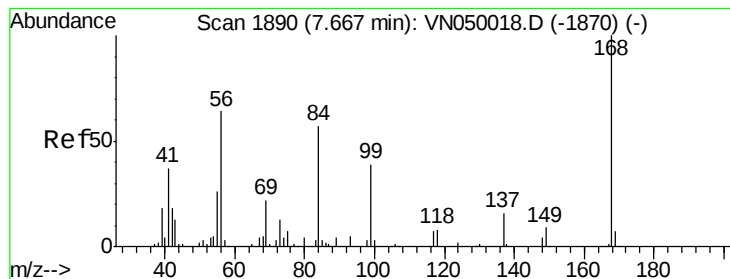
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	389022	46.71	ug/l	98
94) Hexachlorobutadiene	15.01	225	233063	48.26	ug/l	100
95) Naphthalene	15.14	128	921066	46.87	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	399439	49.06	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050279.D

Acq: 2 Aug 2018 21:59

Instrument :

MSVOA_N

ClientSampleId :

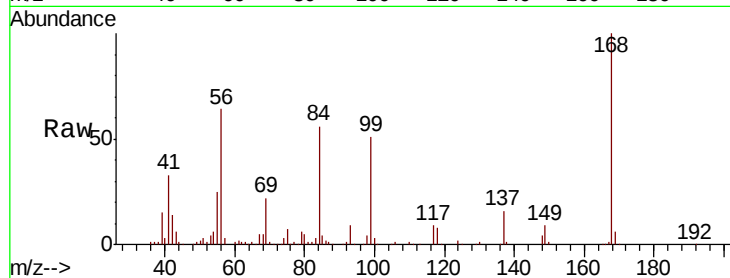
VSTDCCC050

Tot Ion:168 Resp: 602673

Ion Ratio Lower Upper

168 100

99 50.3 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

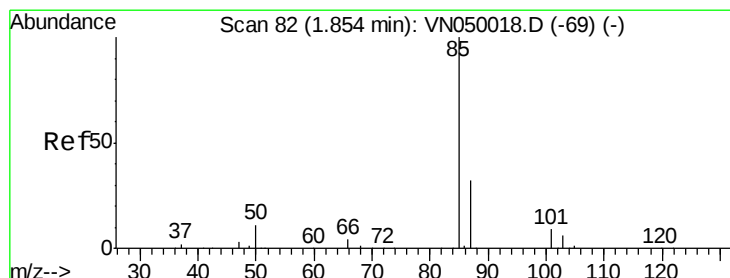
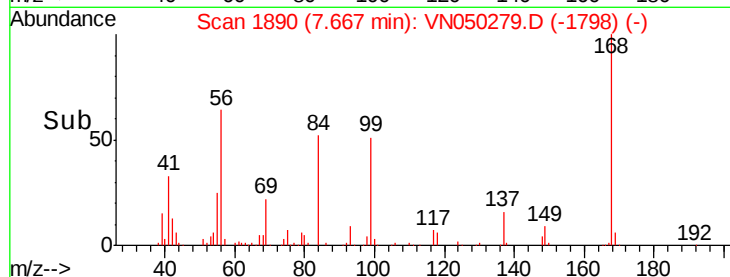
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.62 ug/l

RT: 1.85 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN050279.D

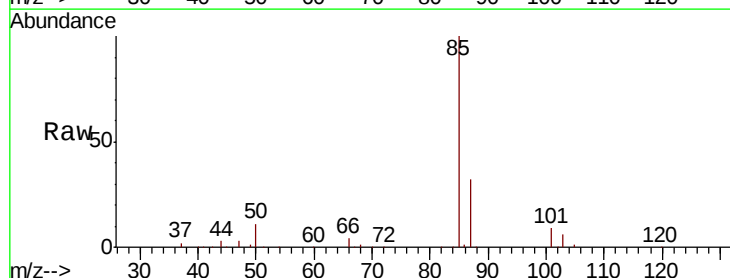
Acq: 2 Aug 2018 21:59

Tgt Ion: 85 Resp: 395010

Ion Ratio Lower Upper

85 100

87 31.8 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

300000

250000

200000

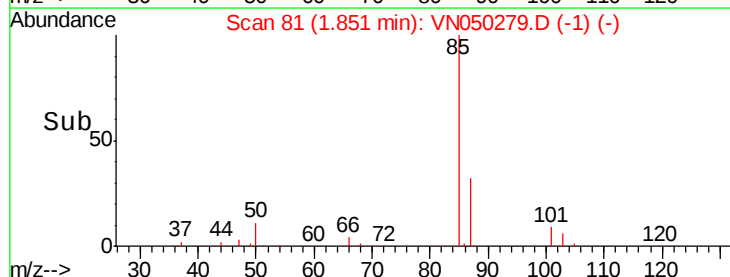
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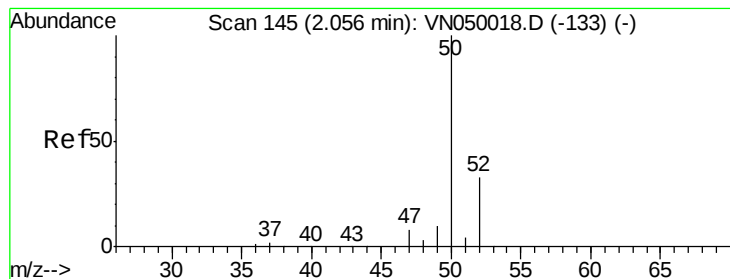
100000

50000

0

Time-->





#3

Chloromethane

Concen: 41.00 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050279.D

Acq: 2 Aug 2018 21:59

Instrument :

MSVOA_N

ClientSampleId :

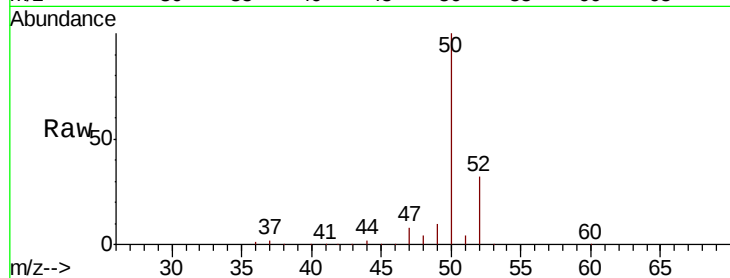
VSTDCCC050

Tot Ion: 50 Resp: 385919

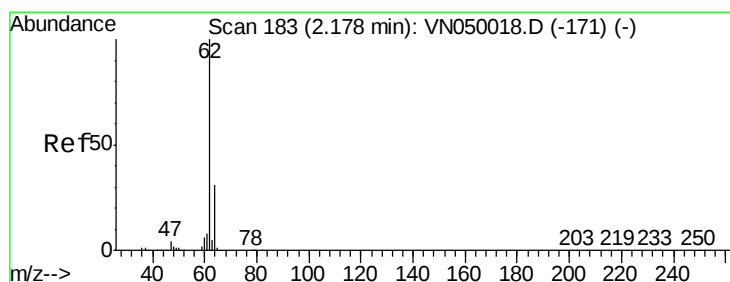
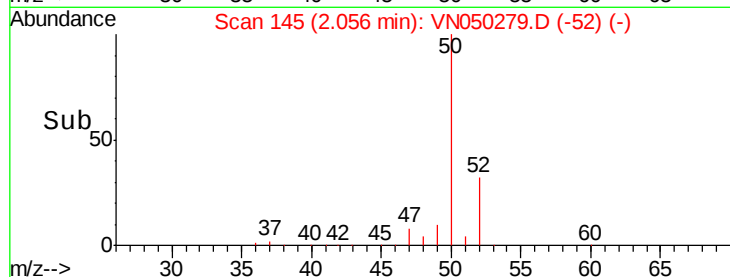
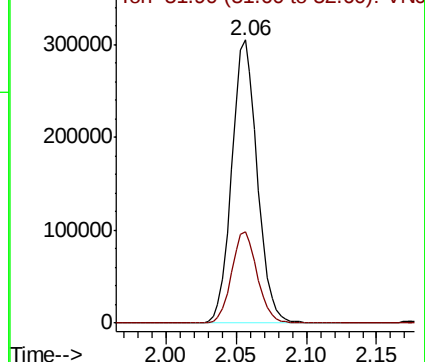
Ion Ratio Lower Upper

50 100

52 32.5 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 43.14 ug/l

RT: 2.18 min Scan# 183

Delta R.T. 0.00 min

Lab File: VN050279.D

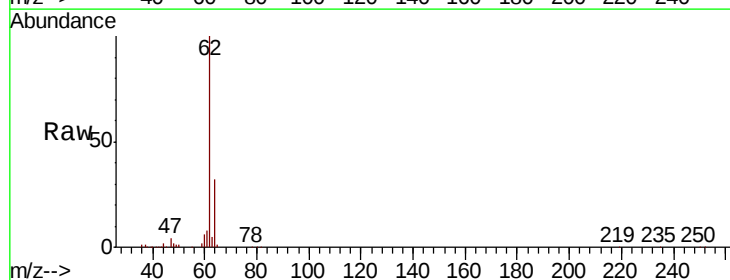
Acq: 2 Aug 2018 21:59

Tgt Ion: 62 Resp: 427667

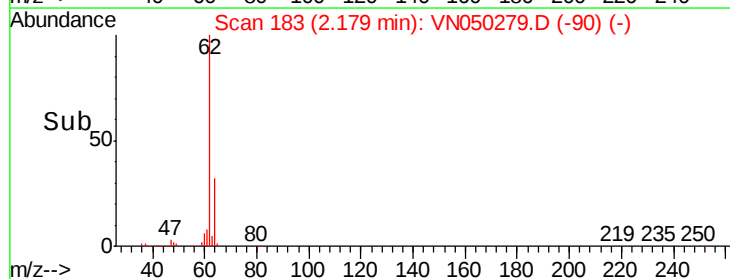
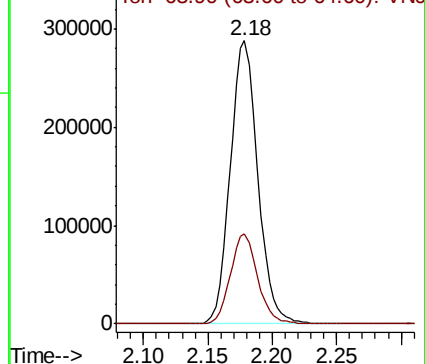
Ion Ratio Lower Upper

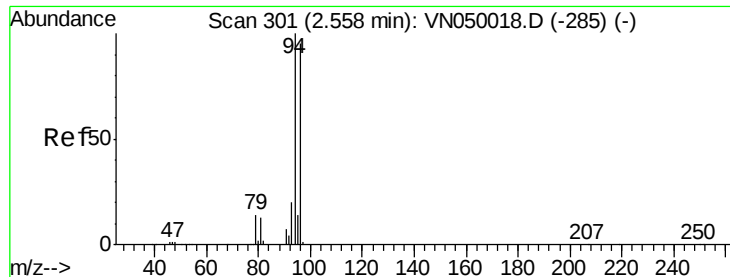
62 100

64 31.6 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 28.49 ug/l

RT: 2.55 min Scan# 299

Delta R.T. 0.00 min

Lab File: VN050279.D

Acq: 2 Aug 2018 21:59

Instrument :

MSVOA_N

ClientSampleId :

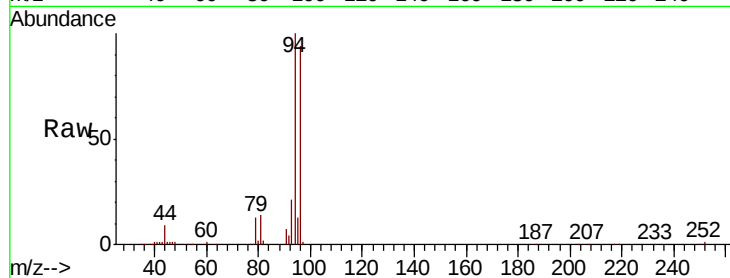
VSTDCCC050

Tot Ion: 94 Resp: 159178

Ion Ratio Lower Upper

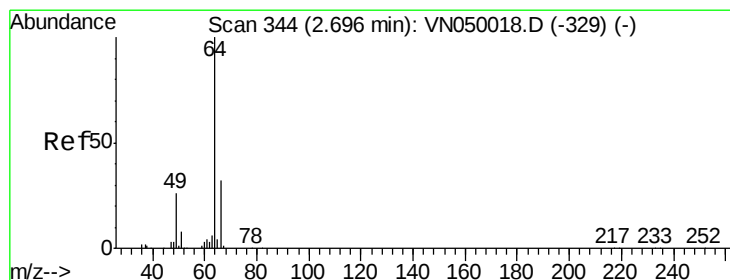
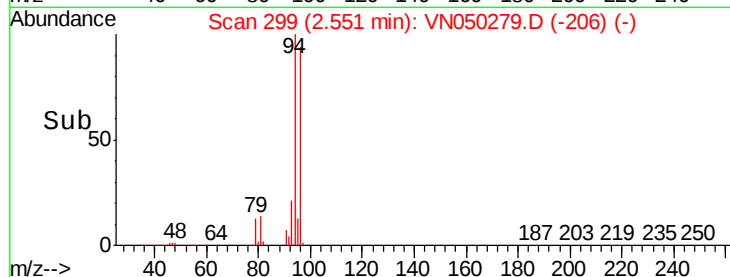
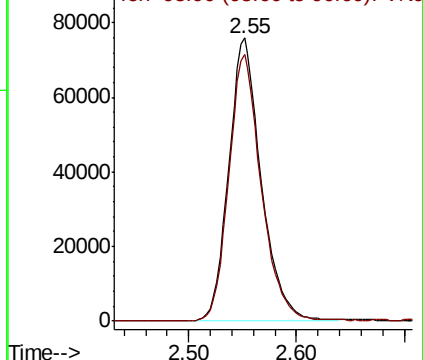
94 100

96 94.1 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 43.04 ug/l

RT: 2.69 min Scan# 343

Delta R.T. 0.00 min

Lab File: VN050279.D

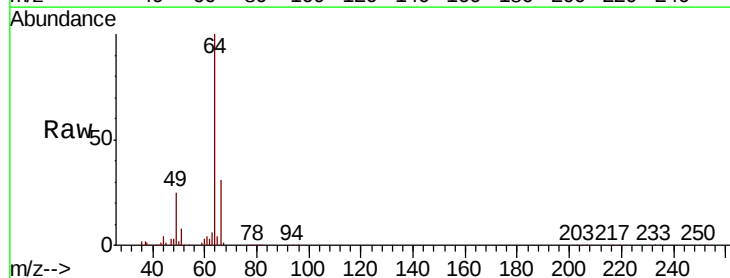
Acq: 2 Aug 2018 21:59

Tgt Ion: 64 Resp: 256245

Ion Ratio Lower Upper

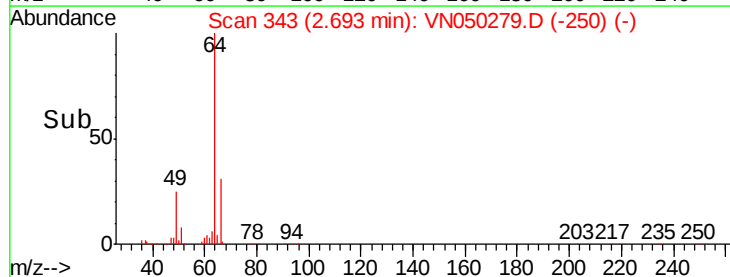
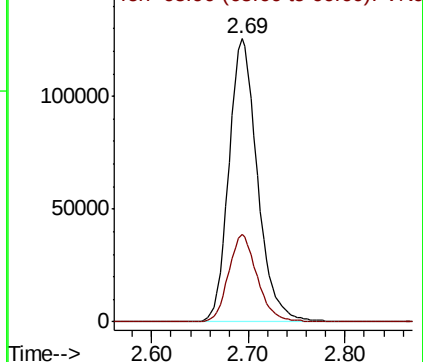
64 100

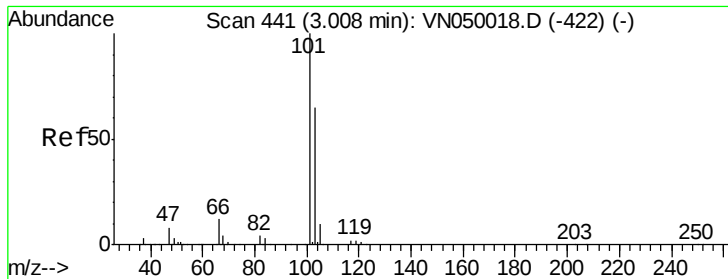
66 30.9 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



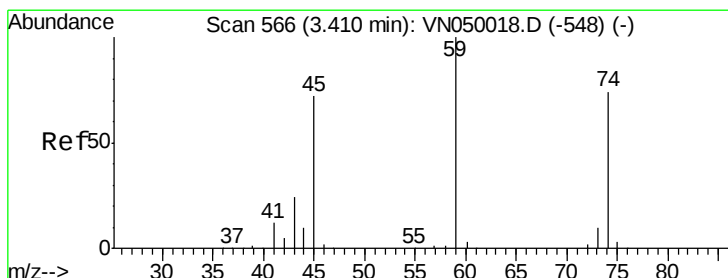
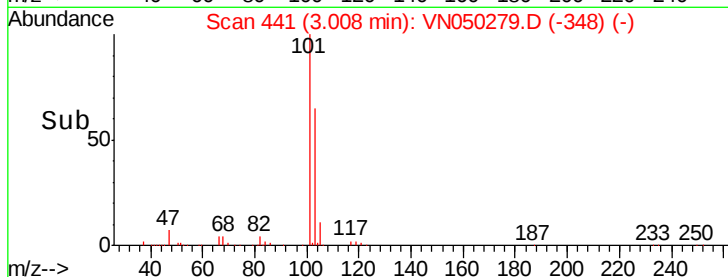
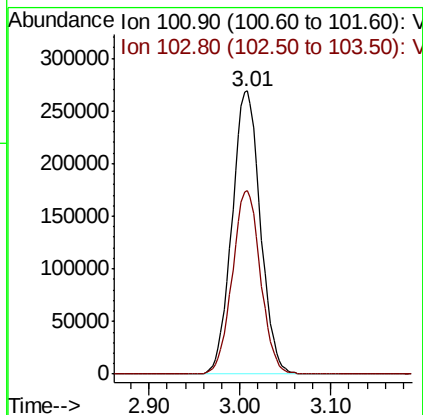
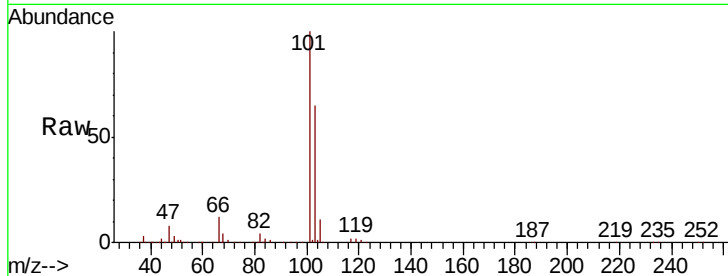


#7

Trichlorofluoromethane
 Concen: 45.33 ug/l
 RT: 3.01 min Scan# 441
 Delta R.T. 0.00 min
 Lab File: VN050279.D
 Acq: 2 Aug 2018 21:59

Instrument :
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 VSTDCCC050

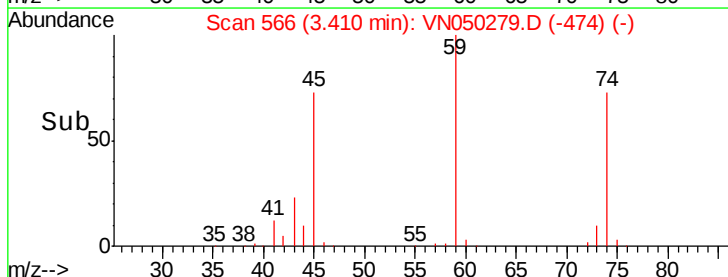
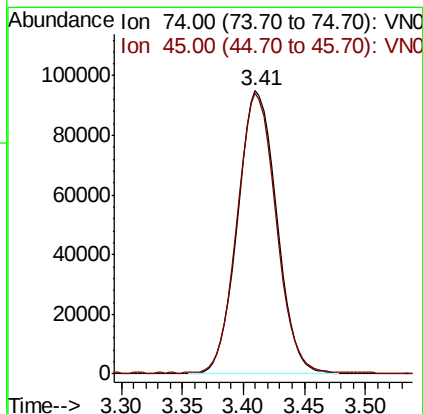
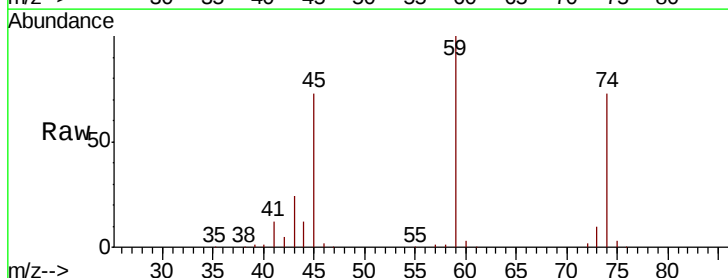
Tot Ion:101 Resp: 582137
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.7 77.5

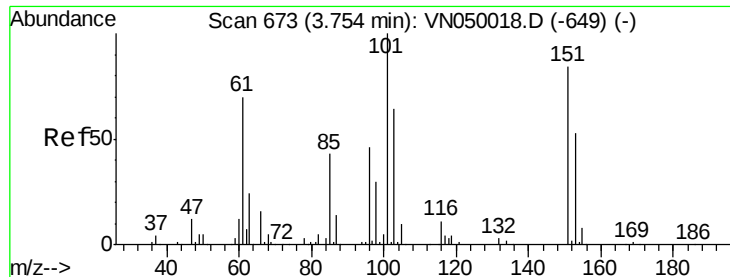


#8

Diethyl Ether
 Concen: 49.09 ug/l
 RT: 3.41 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: VN050279.D
 Acq: 2 Aug 2018 21:59

Tgt Ion: 74 Resp: 210156
 Ion Ratio Lower Upper
 74 100
 45 97.9 47.6 142.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.20 ug/l

RT: 3.75 min Scan# 672

Delta R.T. -0.00 min

Lab File: VN050279.D

Acq: 2 Aug 2018 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

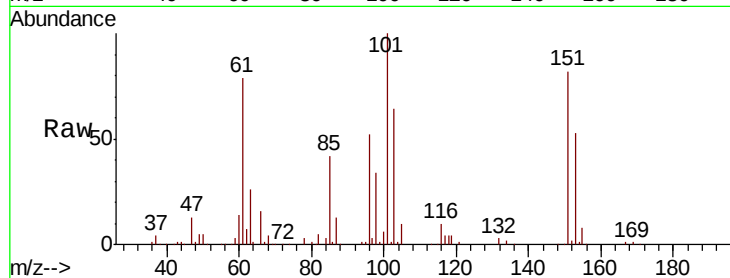
Tot Ion:101 Resp: 356782

Ion Ratio Lower Upper

101 100

85 42.8 34.2 51.2

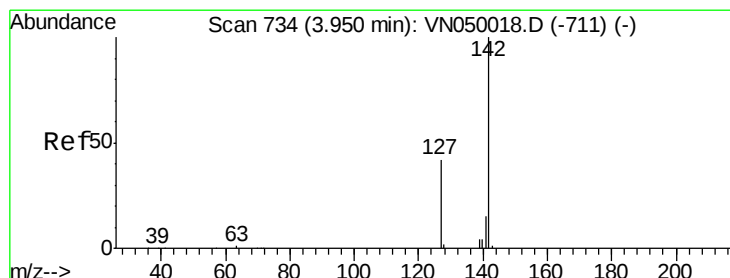
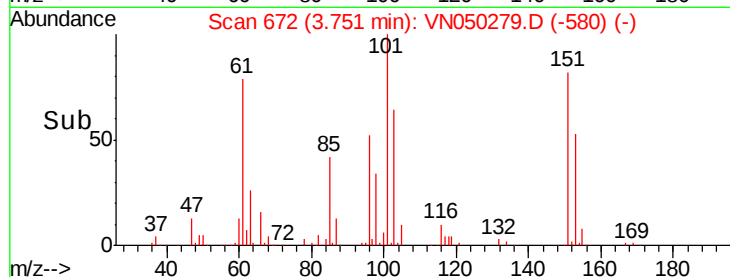
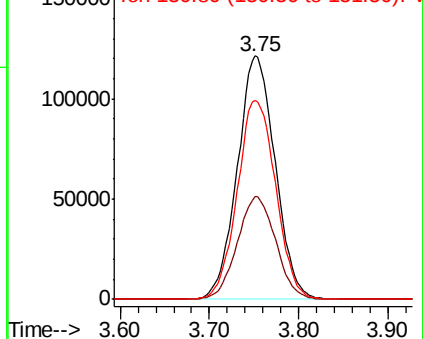
151 83.2 66.3 99.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 27.34 ug/l

RT: 3.95 min Scan# 733

Delta R.T. -0.00 min

Lab File: VN050279.D

Acq: 2 Aug 2018 21:59

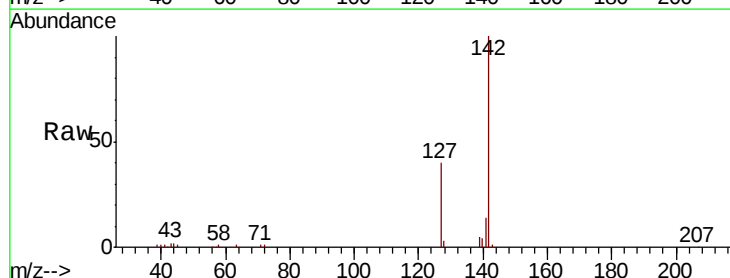
Tgt Ion:142 Resp: 270927

Ion Ratio Lower Upper

142 100

127 42.2 33.4 50.2

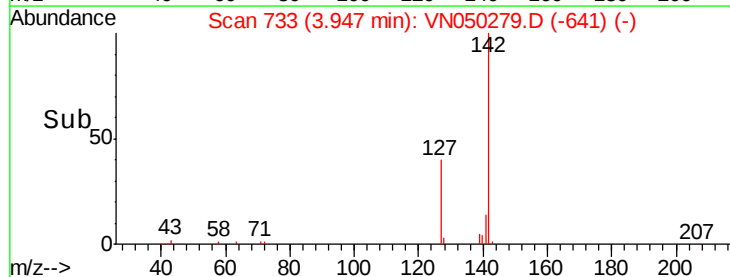
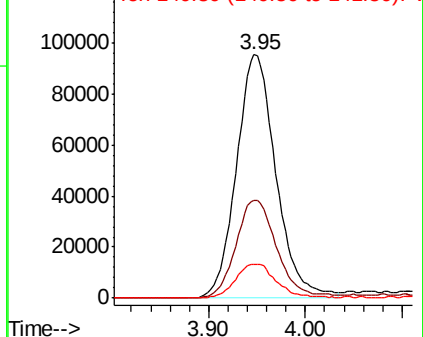
141 14.5 11.6 17.4

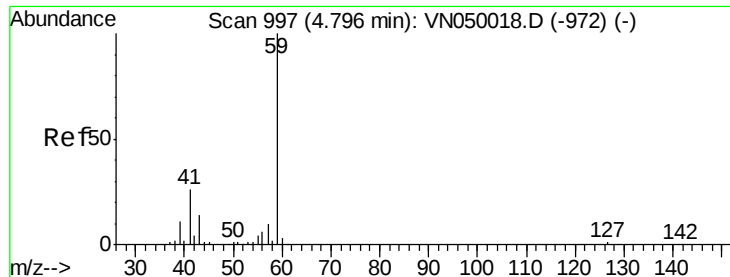


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

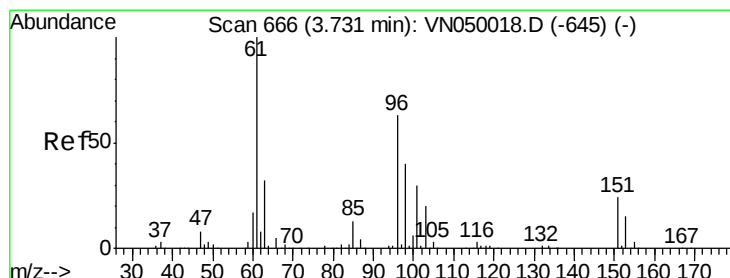
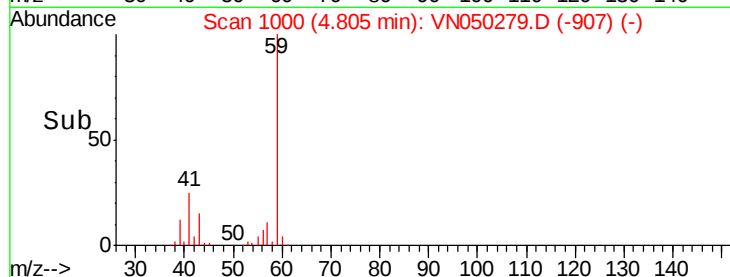
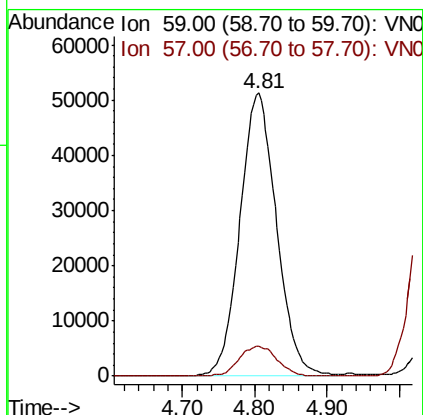
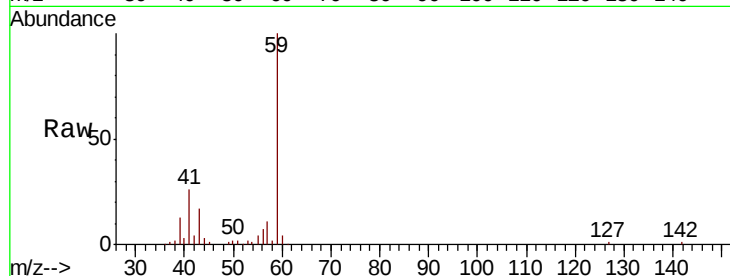




#11
Tert butyl alcohol
Concen: 291.02 ug/l
RT: 4.81 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN050279.D
Acq: 2 Aug 2018 21:59

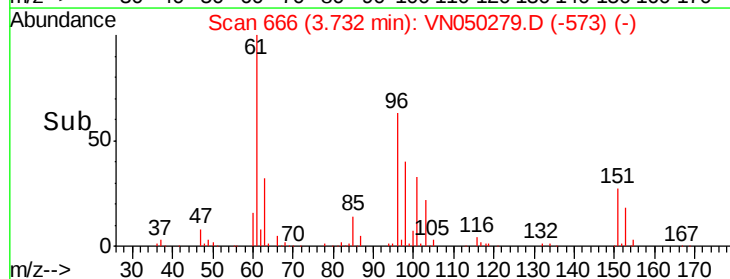
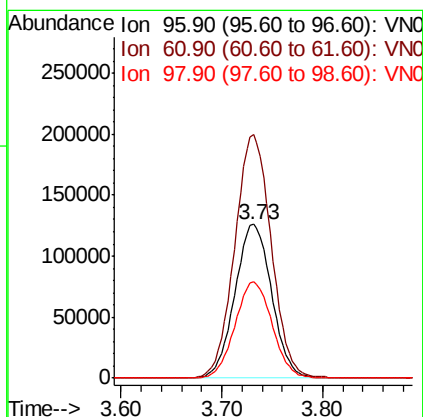
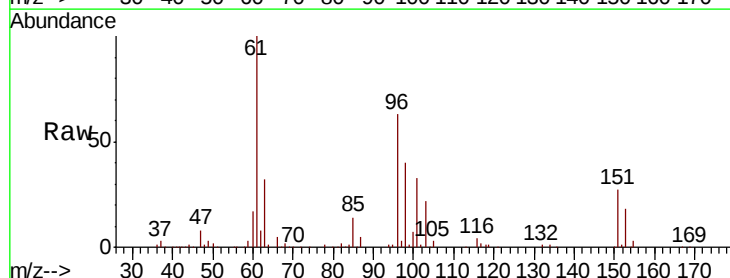
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

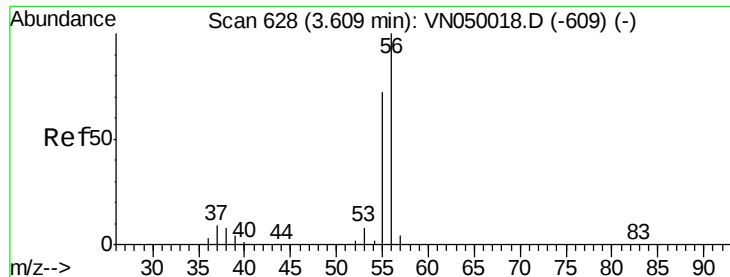
Tot Ion: 59 Resp: 180054
Ion Ratio Lower Upper
59 100
57 10.8 8.5 12.7



#12
1,1-Dichloroethene
Concen: 45.83 ug/l
RT: 3.73 min Scan# 666
Delta R.T. 0.00 min
Lab File: VN050279.D
Acq: 2 Aug 2018 21:59

Tgt Ion: 96 Resp: 318316
Ion Ratio Lower Upper
96 100
61 158.3 124.4 186.6
98 62.7 48.3 72.5





#13

Acrolein

Concen: 422.46 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN050279.D

Acq: 2 Aug 2018 21:59

Instrument :

MSVOA_N

ClientSampleId :

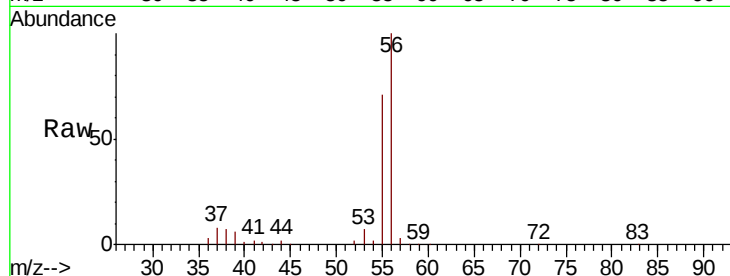
VSTDCCC050

Tot Ion: 56 Resp: 210001

Ion Ratio Lower Upper

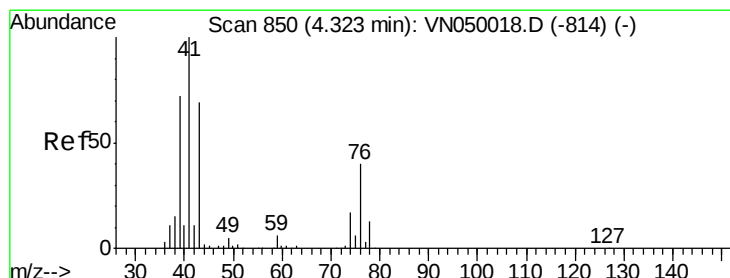
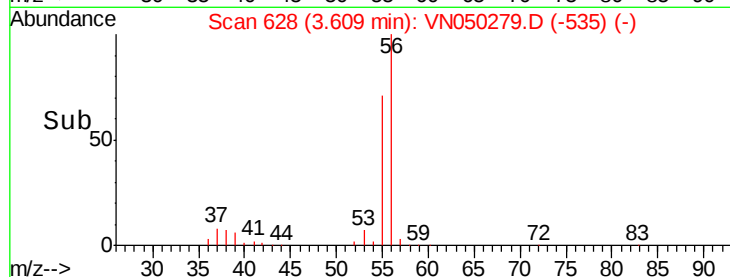
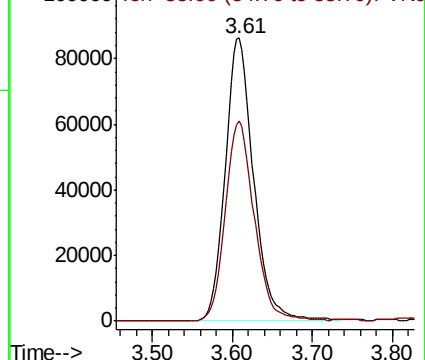
56 100

55 72.2 55.8 83.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 48.28 ug/l

RT: 4.32 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN050279.D

Acq: 2 Aug 2018 21:59

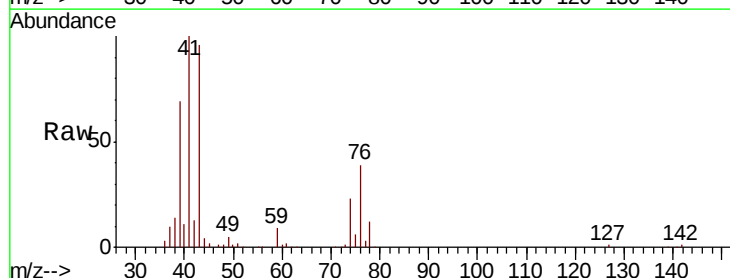
Tgt Ion: 41 Resp: 520038

Ion Ratio Lower Upper

41 100

39 64.8 54.2 81.4

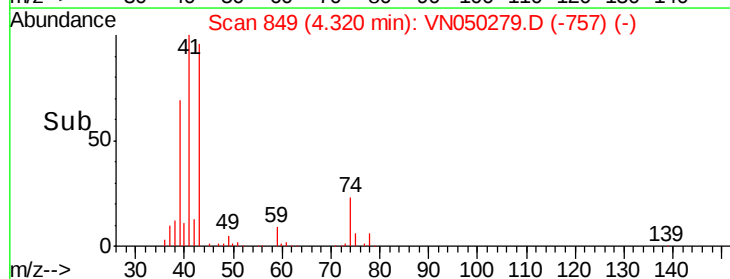
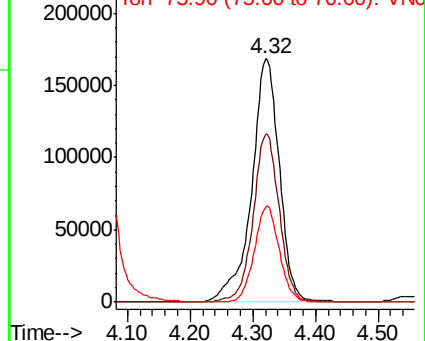
76 34.8 29.0 43.6

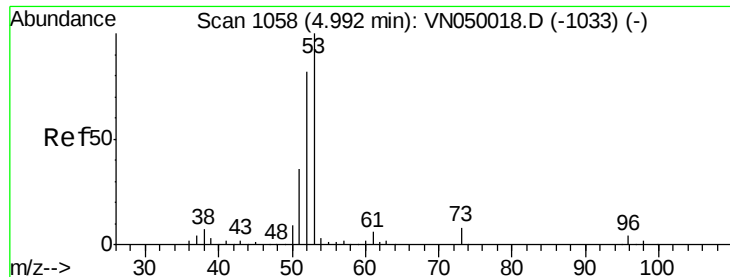


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 277.29 ug/l

RT: 5.00 min Scan# 1059

Delta R.T. 0.00 min

Lab File: VN050279.D

Acq: 2 Aug 2018 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

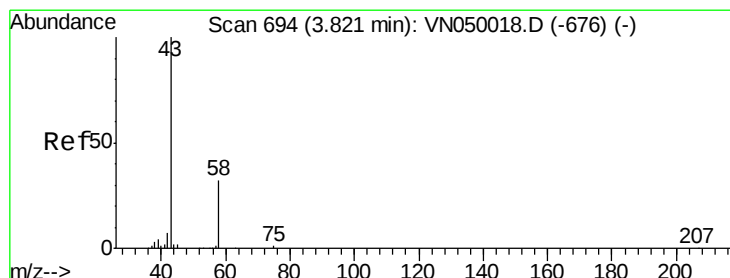
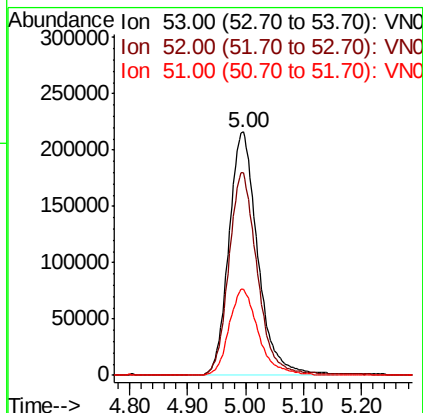
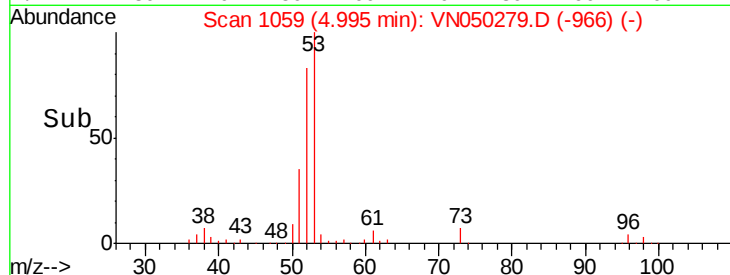
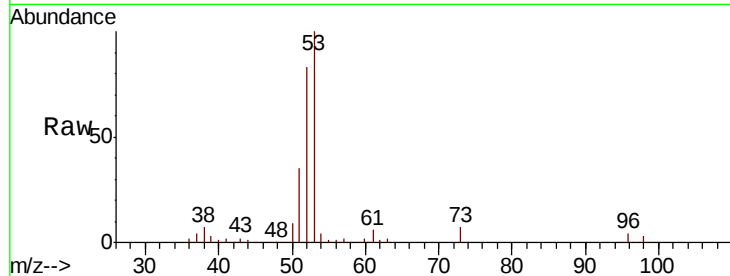
Tot Ion: 53 Resp: 748498

Ion Ratio Lower Upper

53 100

52 82.3 66.2 99.2

51 36.1 29.3 43.9



#16

Acetone

Concen: 278.31 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050279.D

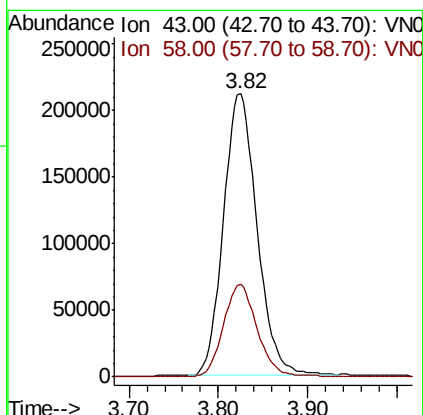
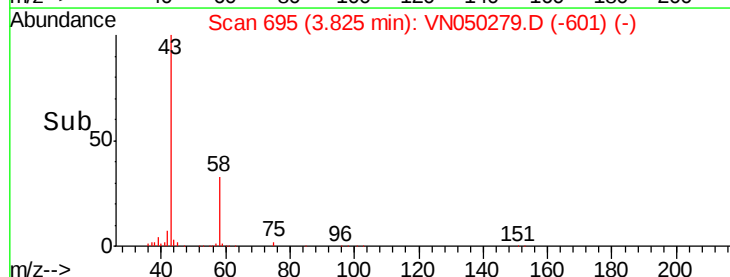
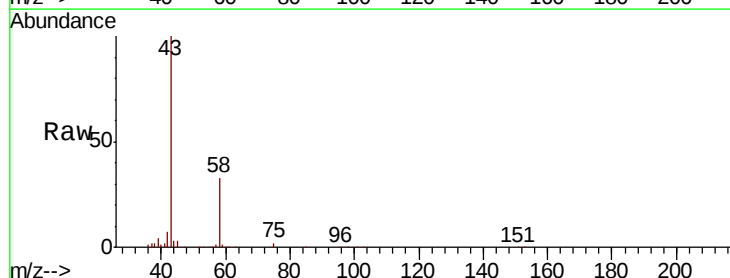
Acq: 2 Aug 2018 21:59

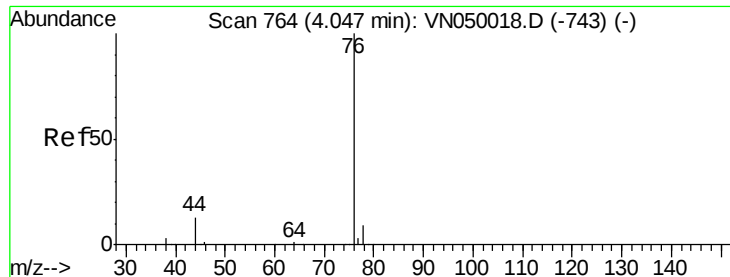
Tgt Ion: 43 Resp: 550253

Ion Ratio Lower Upper

43 100

58 32.8 25.8 38.8

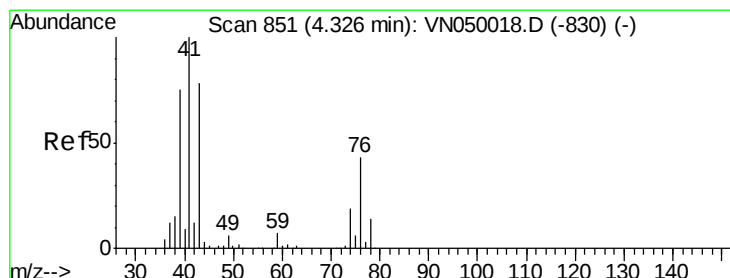
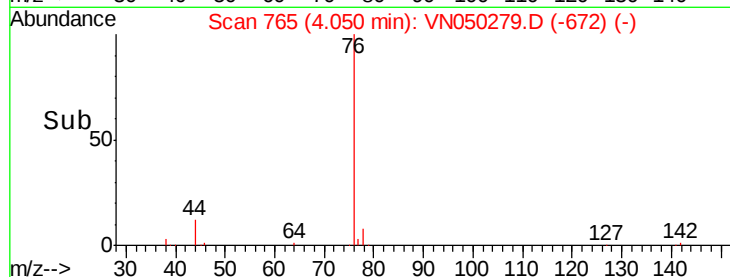
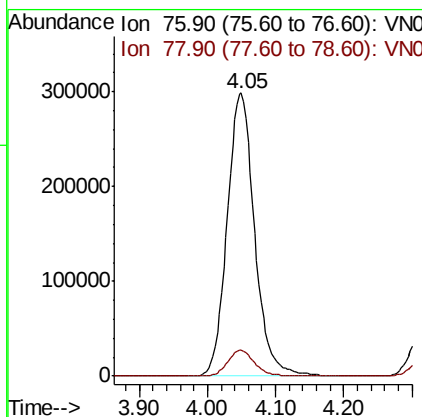
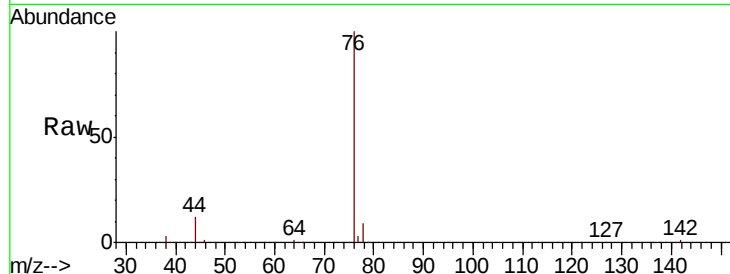




#17
Carbon Disulfide
Concen: 39.17 ug/l
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN050279.D
Acq: 2 Aug 2018 21:59

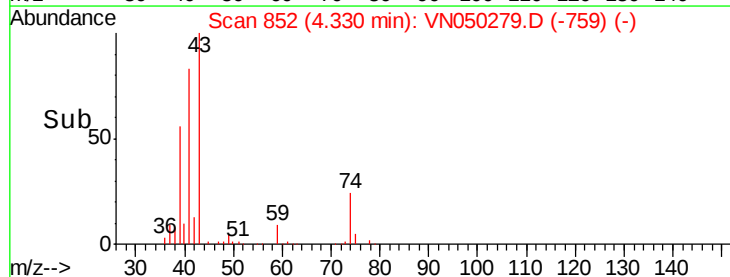
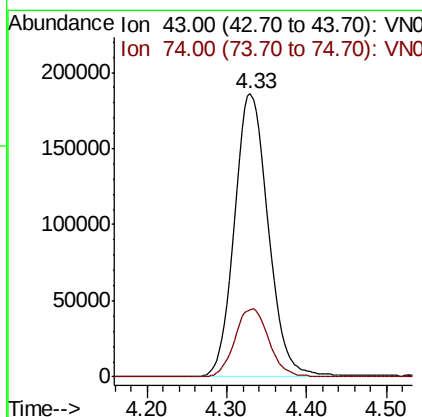
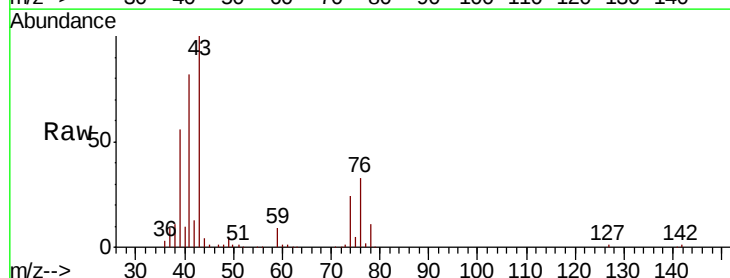
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

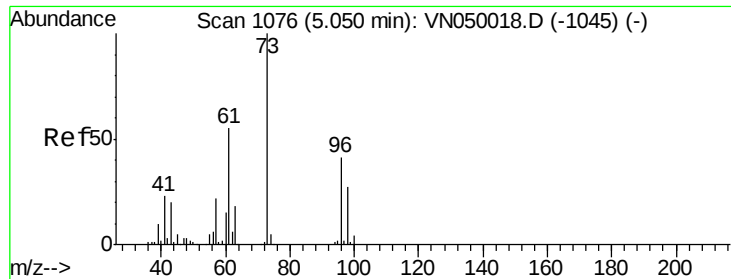
Tot Ion: 76 Resp: 833572
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 69.21 ug/l
RT: 4.33 min Scan# 852
Delta R.T. -0.00 min
Lab File: VN050279.D
Acq: 2 Aug 2018 21:59

Tgt Ion: 43 Resp: 528333
Ion Ratio Lower Upper
43 100
74 24.5 19.2 28.8

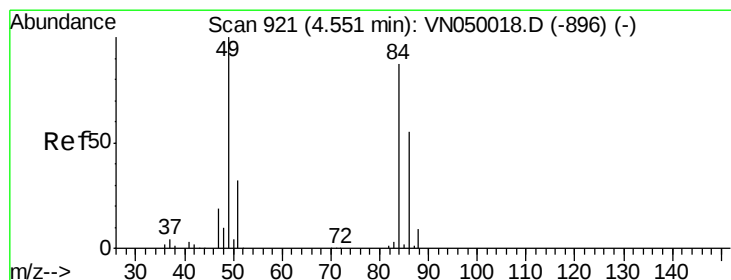
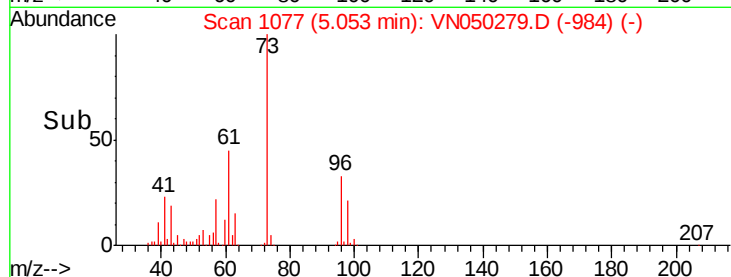
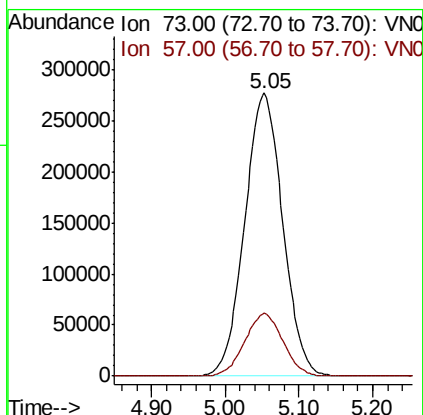
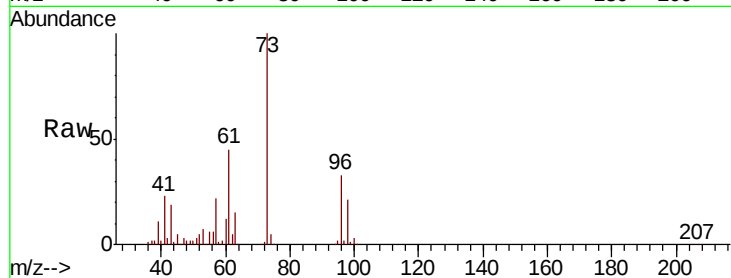




#19
Methyl tert-butyl Ether
Concen: 53.72 ug/l
RT: 5.05 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VN050279.D
Acq: 2 Aug 2018 21:59

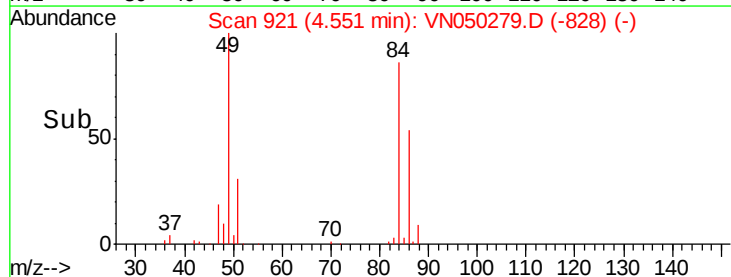
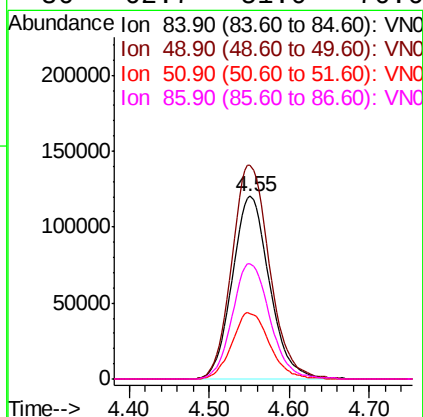
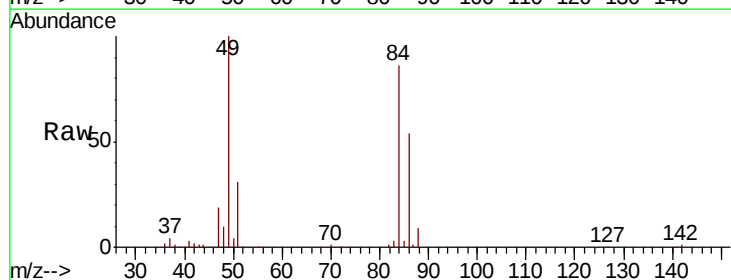
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

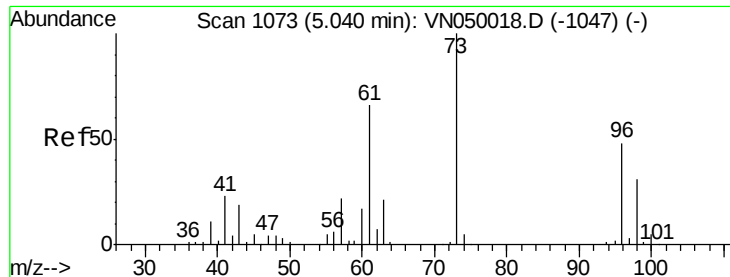
Tot Ion: 73 Resp: 994458
Ion Ratio Lower Upper
73 100
57 22.4 18.0 27.0



#20
Methylene Chloride
Concen: 50.88 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050279.D
Acq: 2 Aug 2018 21:59

Tgt Ion: 84 Resp: 379168
Ion Ratio Lower Upper
84 100
49 116.6 94.8 142.2
51 36.1 28.3 42.5
86 62.7 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 46.36 ug/l

RT: 5.04 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VN050279.D

Acq: 2 Aug 2018 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

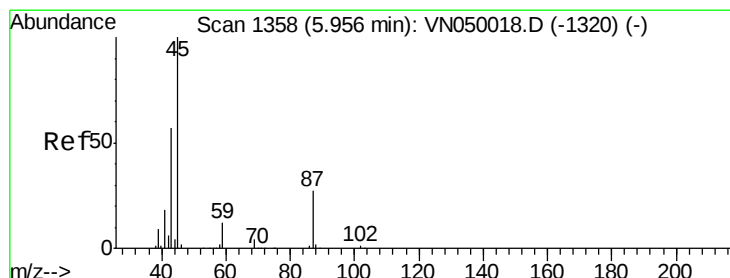
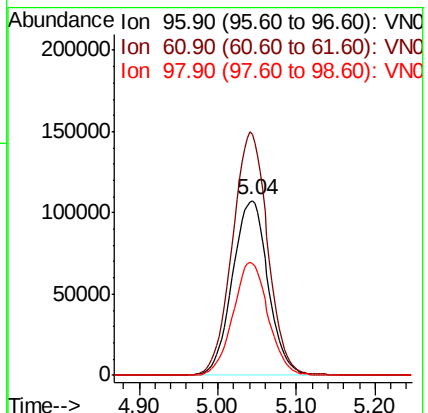
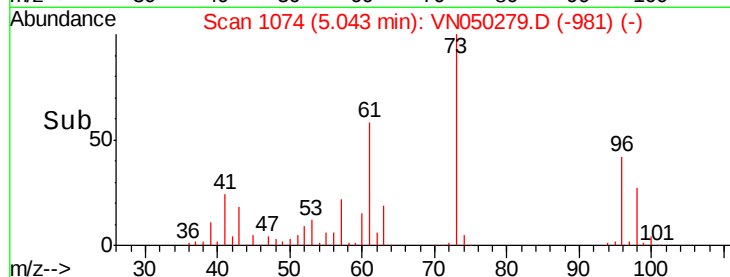
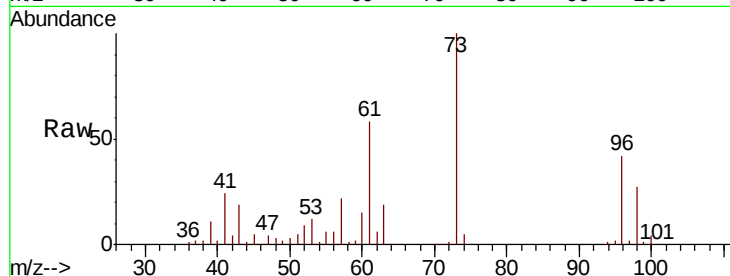
Tot Ion: 96 Resp: 341231

Ion Ratio Lower Upper

96 100

61 138.4 110.7 166.1

98 64.3 51.6 77.4



#22

Diisopropyl ether

Concen: 54.33 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. -0.00 min

Lab File: VN050279.D

Acq: 2 Aug 2018 21:59

Tgt Ion: 45 Resp: 1160357

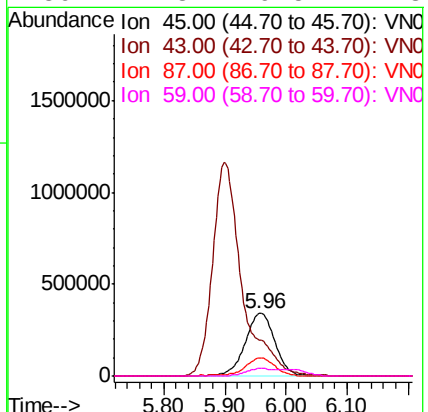
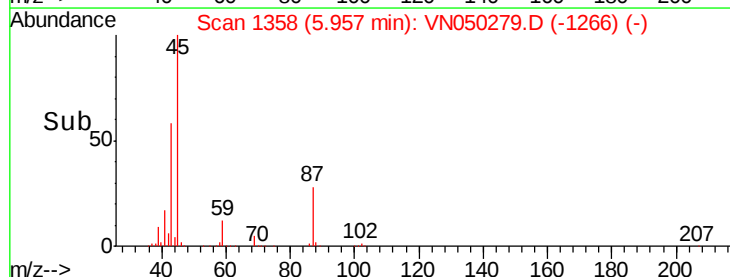
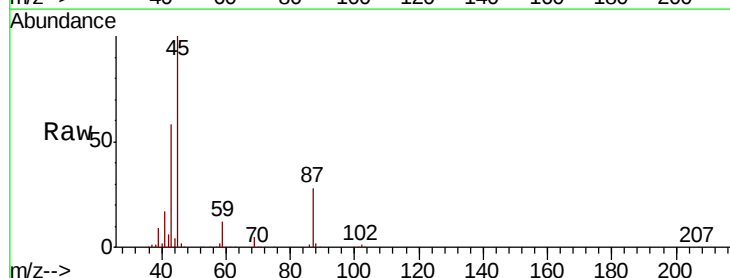
Ion Ratio Lower Upper

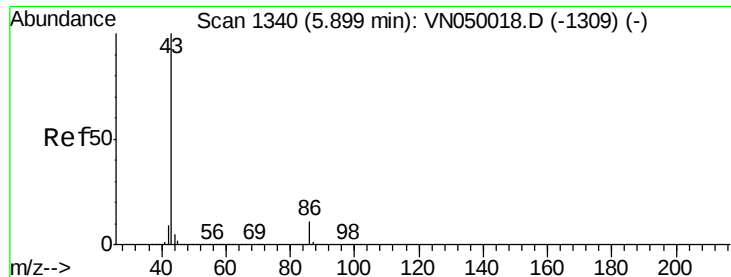
45 100

43 57.4 45.7 68.5

87 28.4 22.7 34.1

59 11.8 9.5 14.3





#23

Vinyl Acetate

Concen: 259.22 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VN050279.D

Acq: 2 Aug 2018 21:59

Instrument :

MSVOA_N

ClientSampleId :

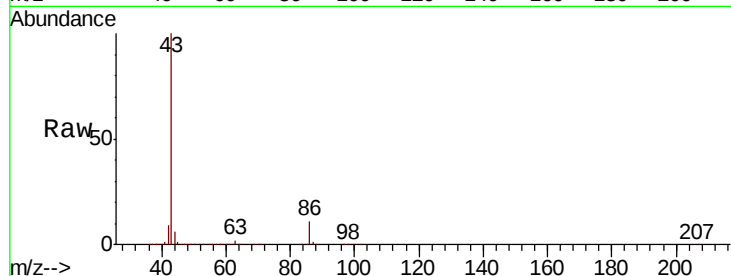
VSTDCCC050

Tot Ion: 43 Resp: 3912292

Ion Ratio Lower Upper

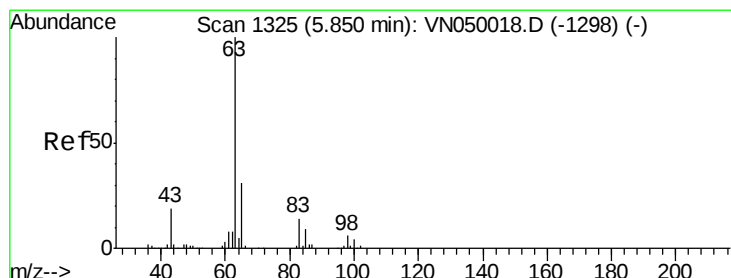
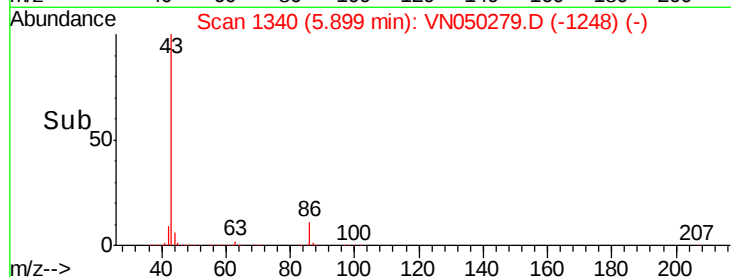
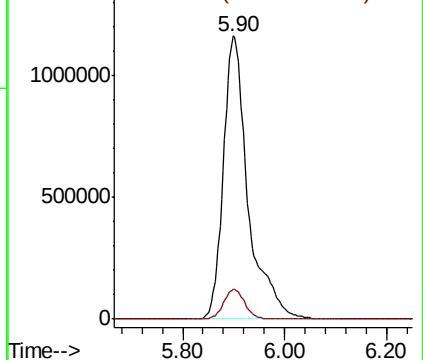
43 100

86 10.7 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 48.71 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VN050279.D

Acq: 2 Aug 2018 21:59

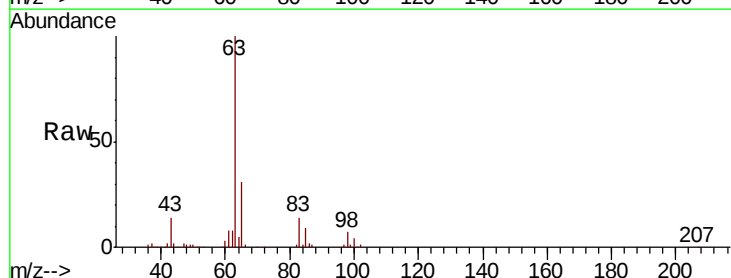
Tgt Ion: 63 Resp: 680253

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

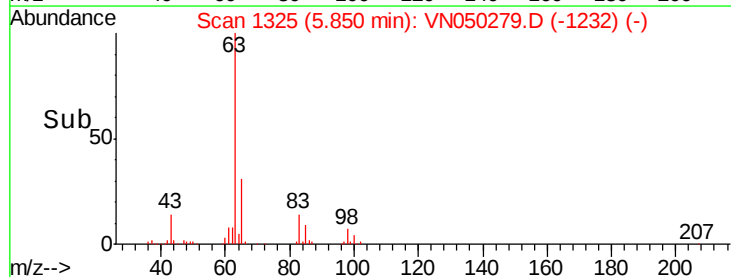
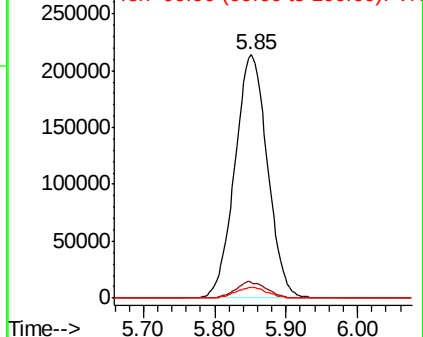
100 4.3 2.1 6.3

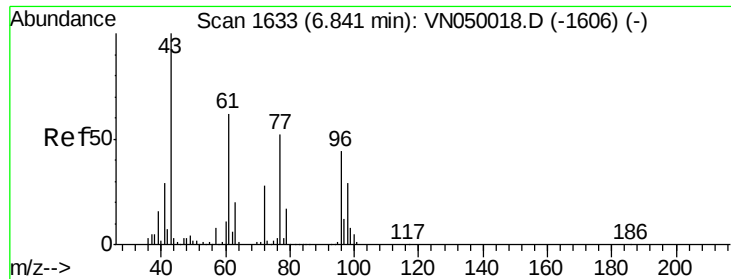


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

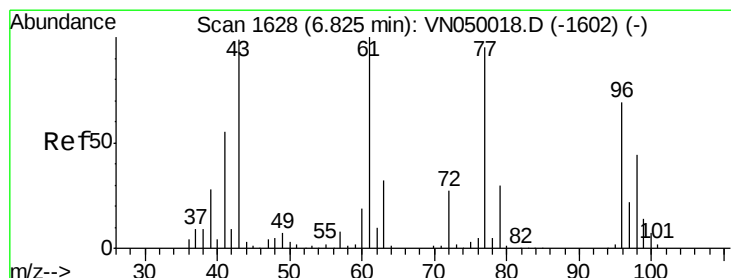
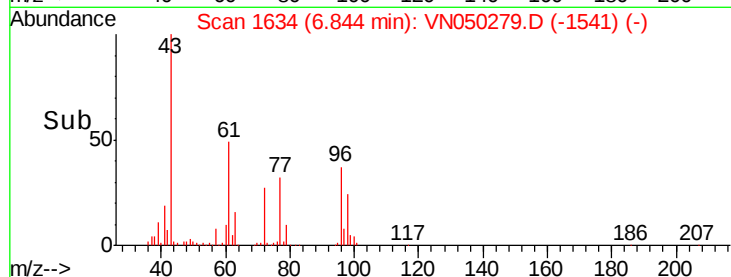
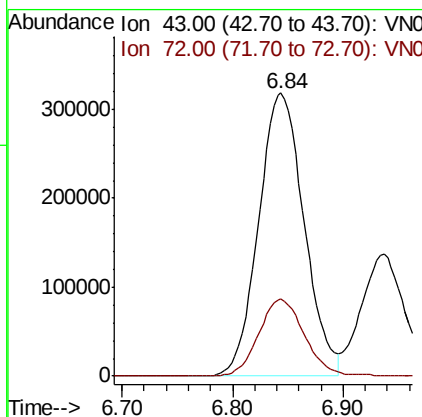
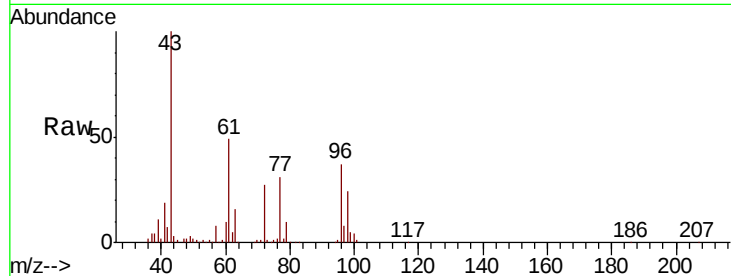




#25
2-Butanone
Concen: 282.27 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VN050279.D
Acq: 2 Aug 2018 21:59

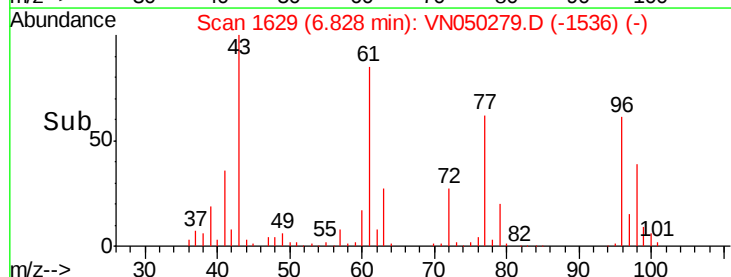
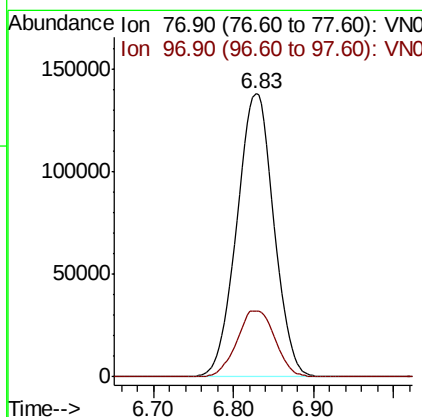
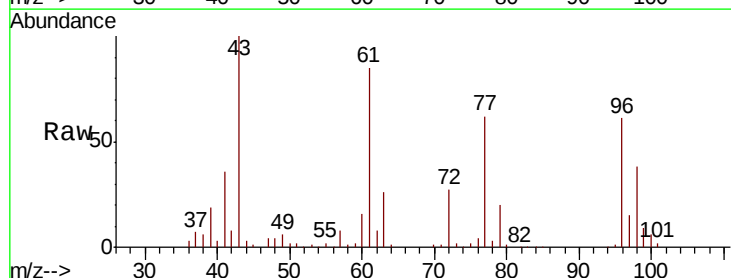
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

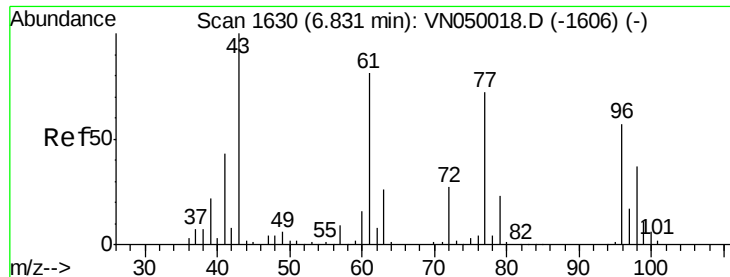
Tot Ion: 43 Resp: 905334
Ion Ratio Lower Upper
43 100
72 27.1 21.5 32.3



#26
2,2-Dichloropropane
Concen: 40.73 ug/l
RT: 6.83 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VN050279.D
Acq: 2 Aug 2018 21:59

Tgt Ion: 77 Resp: 432739
Ion Ratio Lower Upper
77 100
97 24.1 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 50.15 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN050279.D

Acq: 2 Aug 2018 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

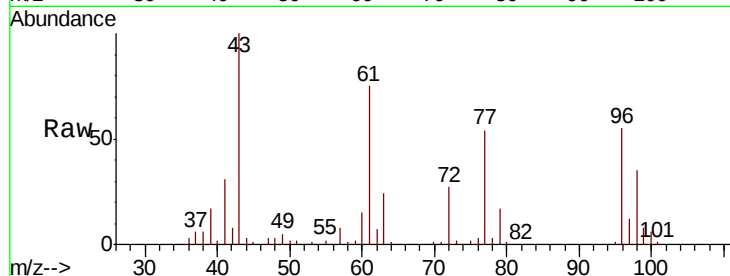
Tot Ion: 96 Resp: 397374

Ion Ratio Lower Upper

96 100

61 139.8 0.0 285.0

98 64.6 0.0 129.2

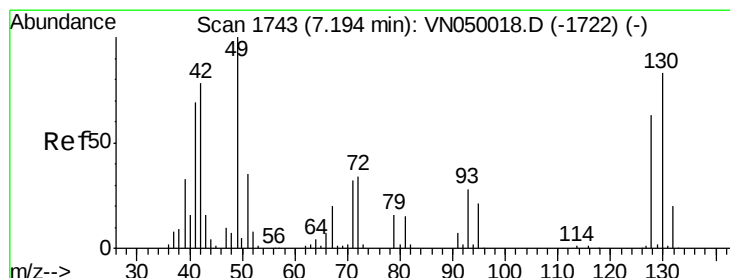
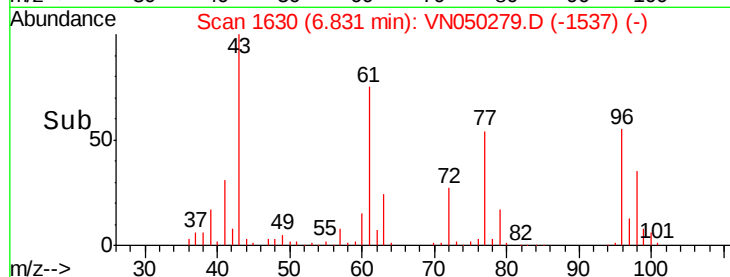
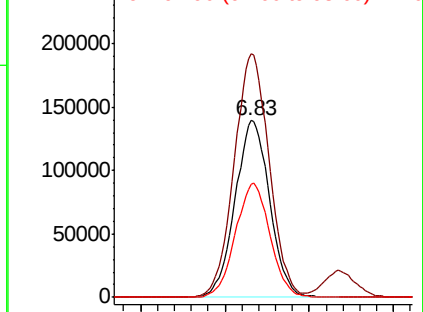


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 51.73 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN050279.D

Acq: 2 Aug 2018 21:59

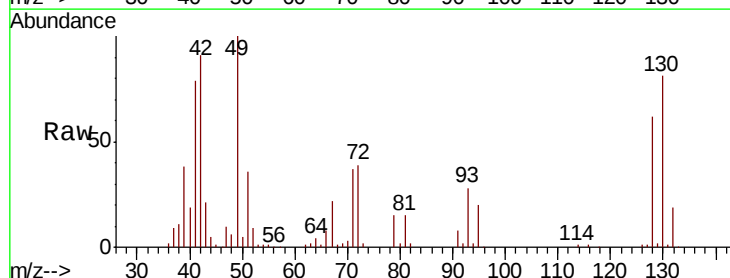
Tgt Ion: 49 Resp: 329510

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 81.9 66.3 99.5

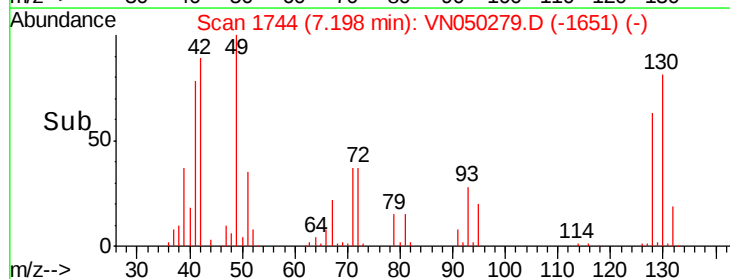
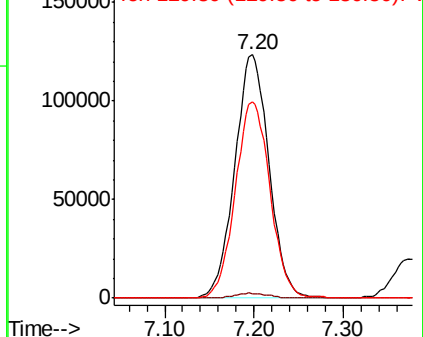


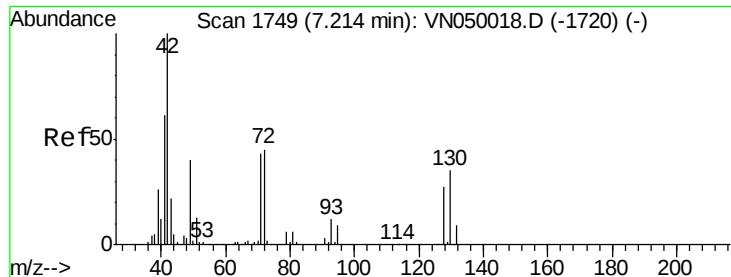
Abundance

Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 286.63 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VN050279.D

Acq: 2 Aug 2018 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

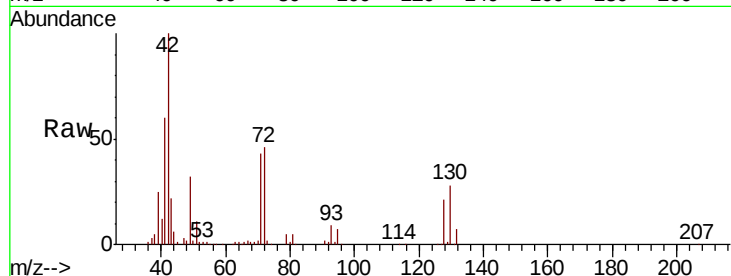
Tot Ion: 42 Resp: 594054

Ion Ratio Lower Upper

42 100

72 45.0 35.9 53.9

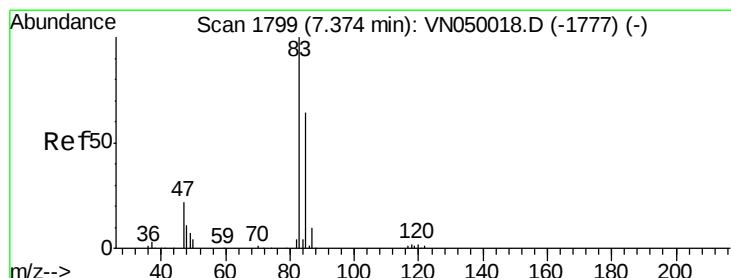
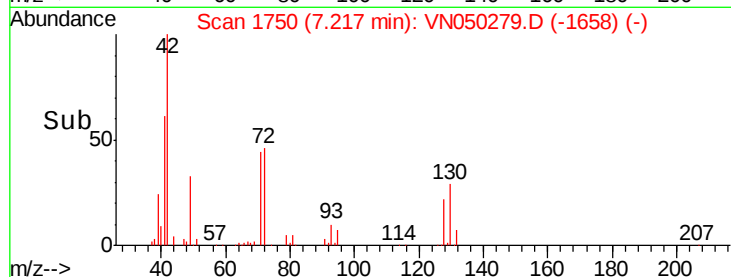
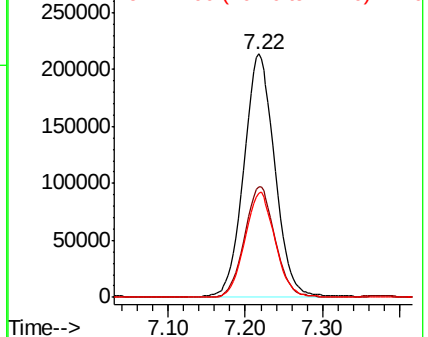
71 42.4 33.7 50.5



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 48.92 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN050279.D

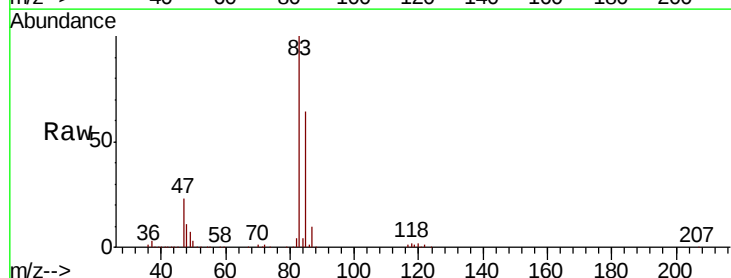
Acq: 2 Aug 2018 21:59

Tgt Ion: 83 Resp: 697174

Ion Ratio Lower Upper

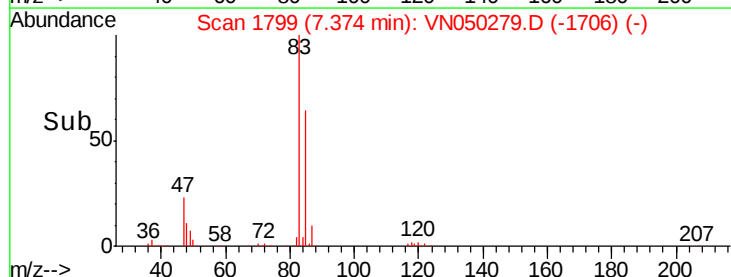
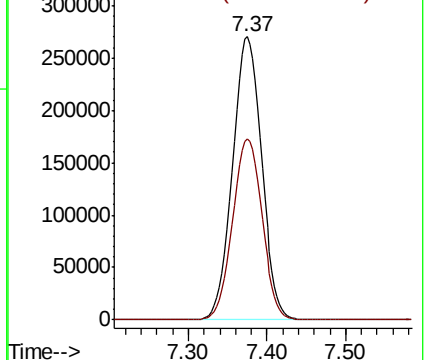
83 100

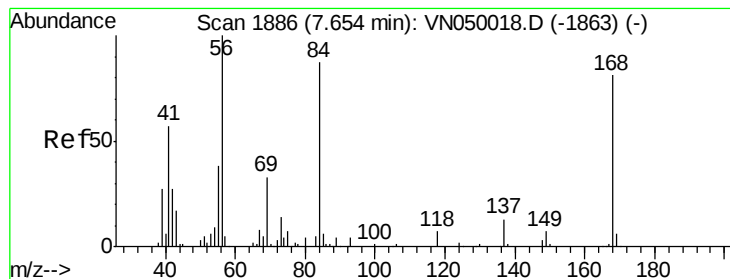
85 64.0 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 46.17 ug/l

RT: 7.66 min Scan# 1887

Delta R.T. 0.00 min

Lab File: VN050279.D

Acq: 2 Aug 2018 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

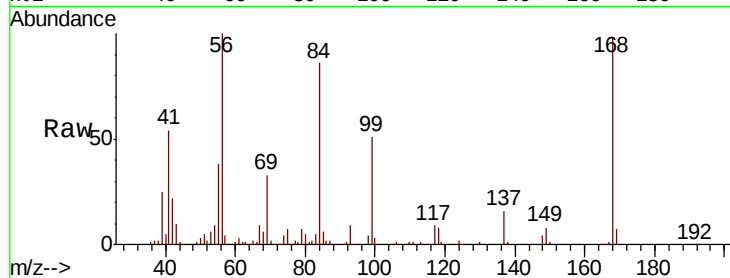
Tot Ion: 56 Resp: 534792

Ion Ratio Lower Upper

56 100

69 33.1 26.2 39.4

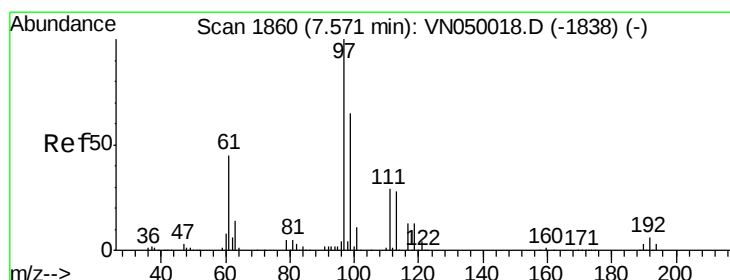
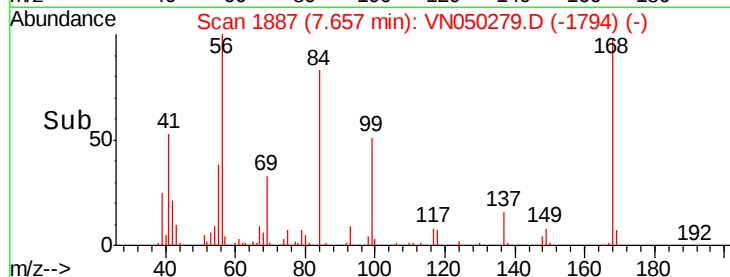
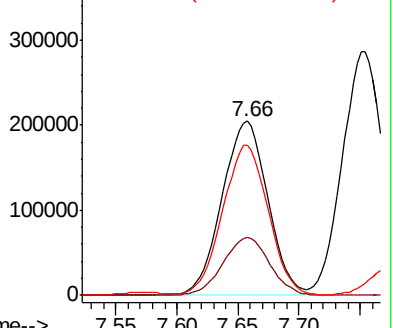
84 85.0 67.4 101.0



Abundance Ion 56.00 (55.70 to 56.70): VN050018.D (-1863) (-)

Ion 69.00 (68.70 to 69.70): VN050018.D (-1863) (-)

Ion 84.00 (83.70 to 84.70): VN050018.D (-1863) (-)



#32

1,1,1-Trichloroethane

Concen: 48.53 ug/l

RT: 7.57 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VN050279.D

Acq: 2 Aug 2018 21:59

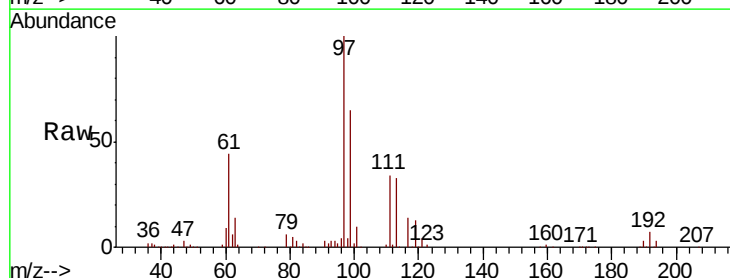
Tgt Ion: 97 Resp: 591610

Ion Ratio Lower Upper

97 100

99 64.4 51.4 77.0

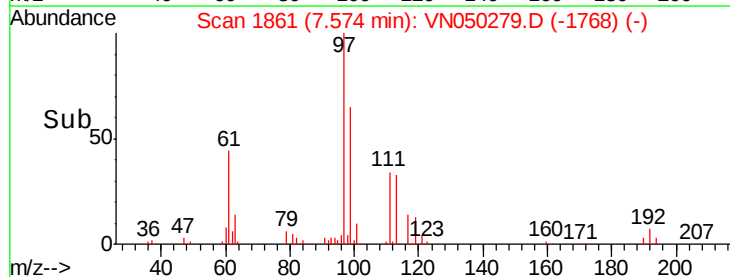
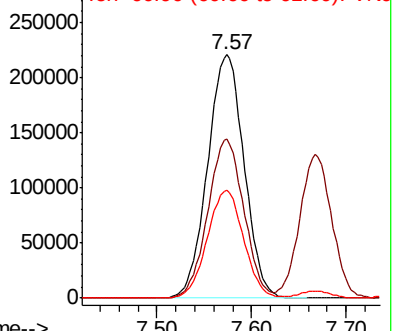
61 44.1 35.4 53.0

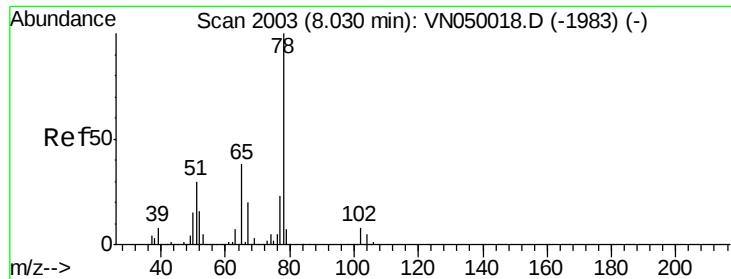


Abundance Ion 96.90 (96.60 to 97.60): VN050018.D (-1838) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-1838) (-)

Ion 60.90 (60.60 to 61.60): VN050018.D (-1838) (-)

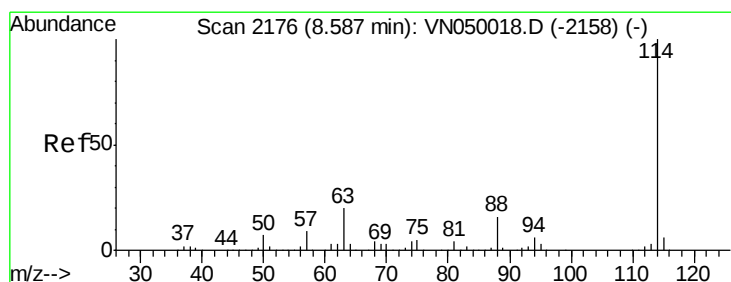
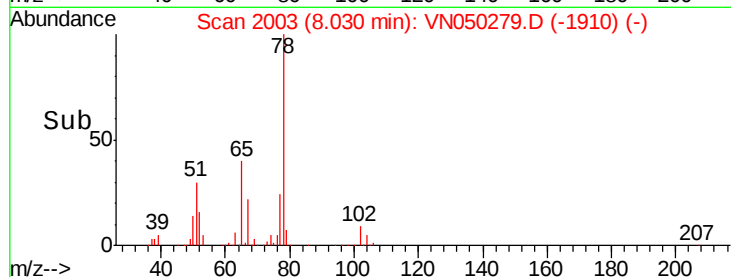
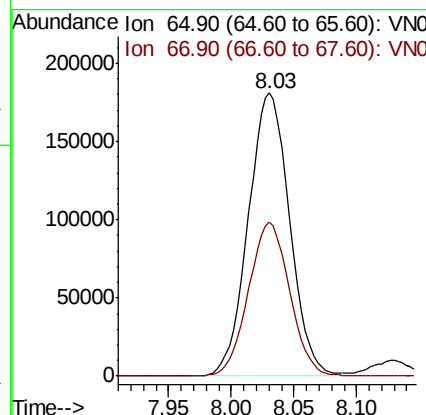
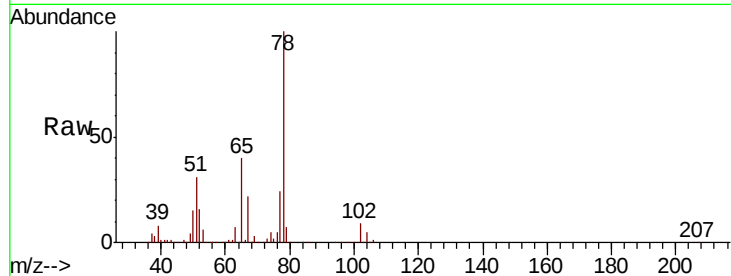




#33
 1,2-Dichloroethane-d4
 Concen: 49.34 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050279.D
 Acq: 2 Aug 2018 21:59

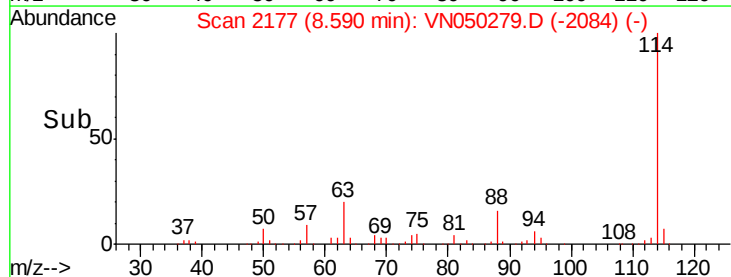
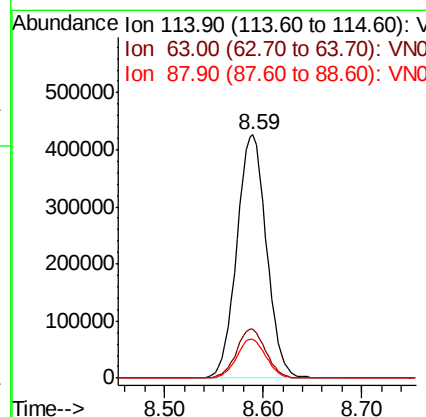
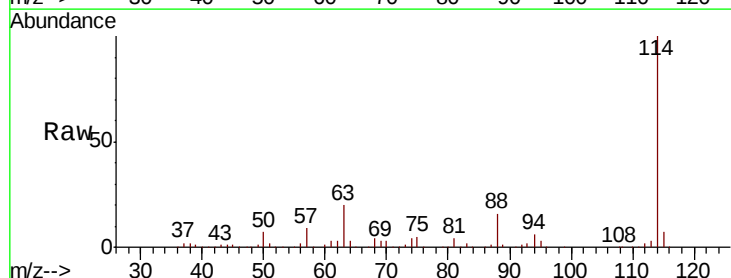
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

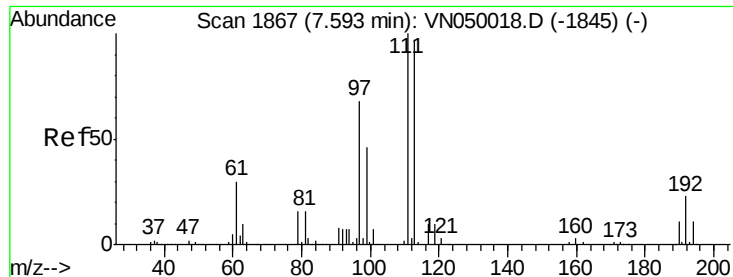
Tot Ion: 65 Resp: 414924
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050279.D
 Acq: 2 Aug 2018 21:59

Tgt Ion: 114 Resp: 891821
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.0
 88 16.1 0.0 31.2

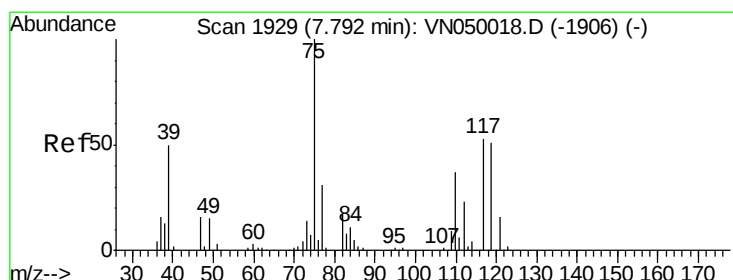
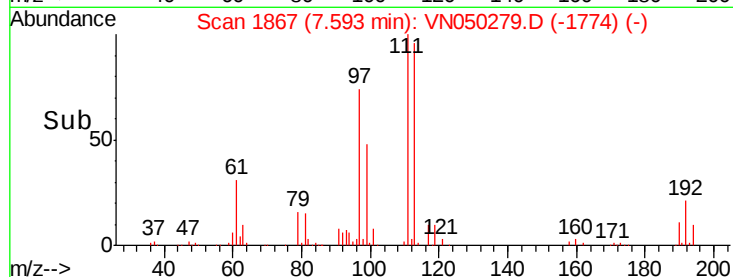
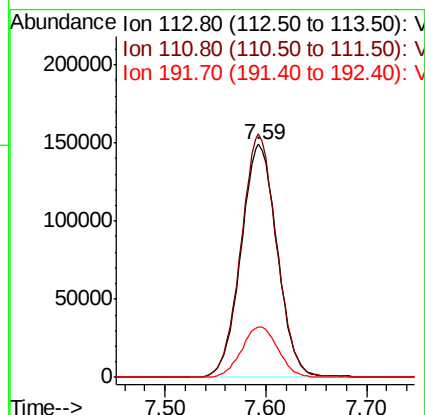
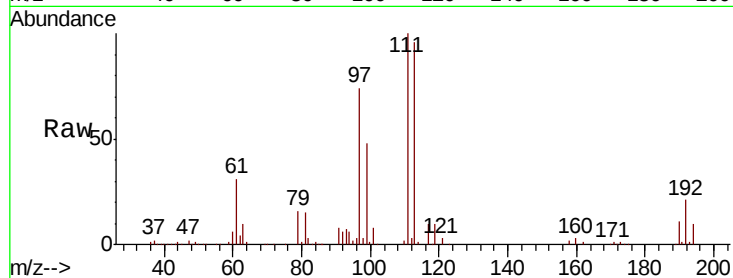




#35
 Dibromofluoromethane
 Concen: 50.90 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050279.D
 Acq: 2 Aug 2018 21:59

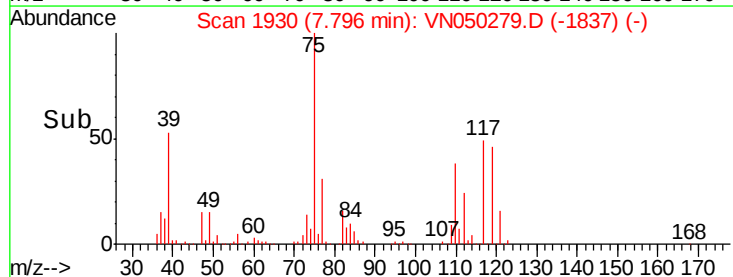
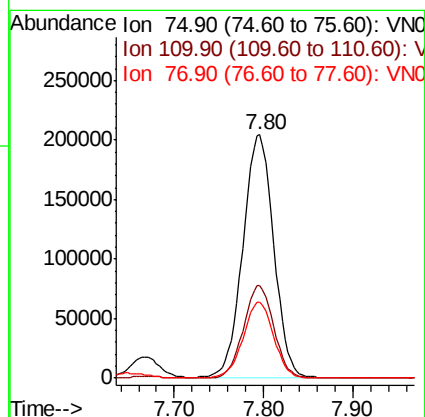
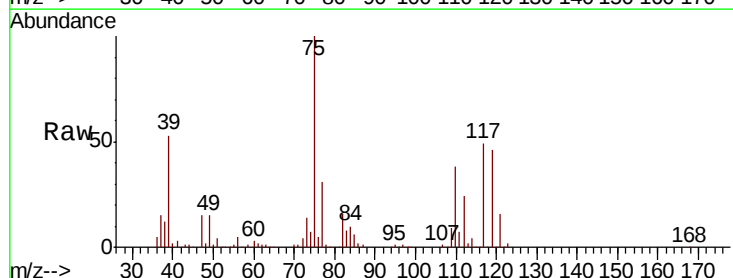
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

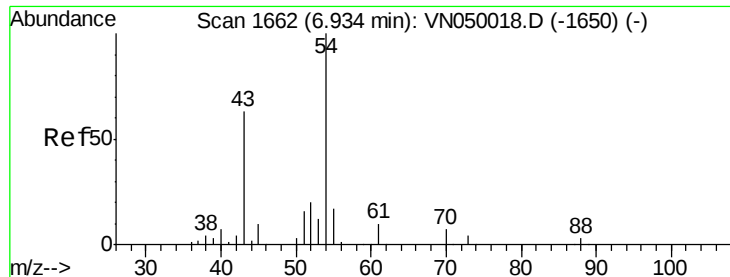
Tot Ion:113 Resp: 370595
 Ion Ratio Lower Upper
 113 100
 111 102.7 80.7 121.1
 192 21.9 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 48.97 ug/l
 RT: 7.80 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VN050279.D
 Acq: 2 Aug 2018 21:59

Tgt Ion: 75 Resp: 492045
 Ion Ratio Lower Upper
 75 100
 110 37.4 18.4 55.2
 77 31.1 25.3 37.9

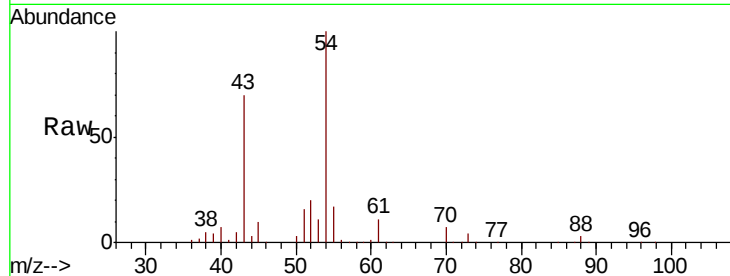




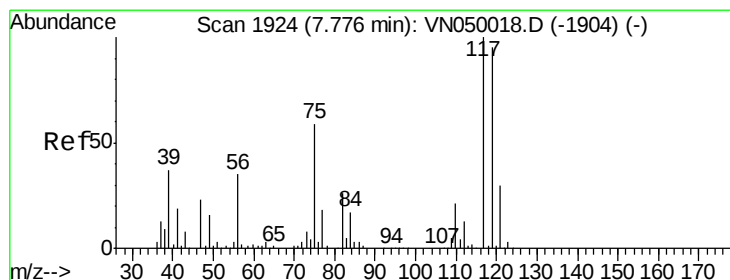
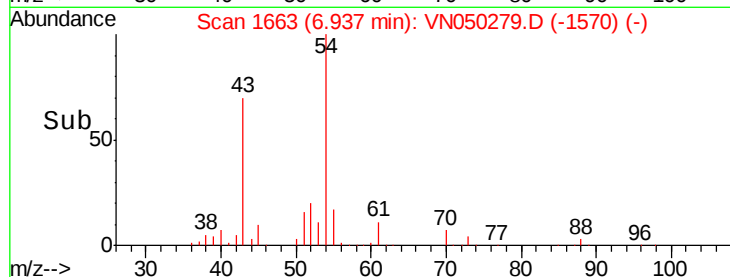
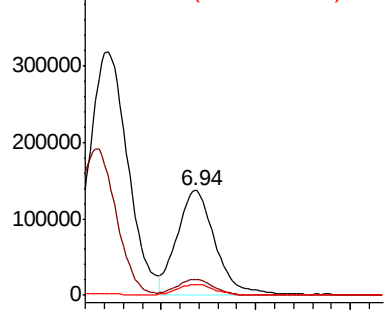
#37
Ethyl Acetate
Concen: 54.03 ug/l
RT: 6.94 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VN050279.D
Acq: 2 Aug 2018 21:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 378524
Ion Ratio Lower Upper
43 100
61 14.9 11.8 17.8
70 10.5 8.4 12.6

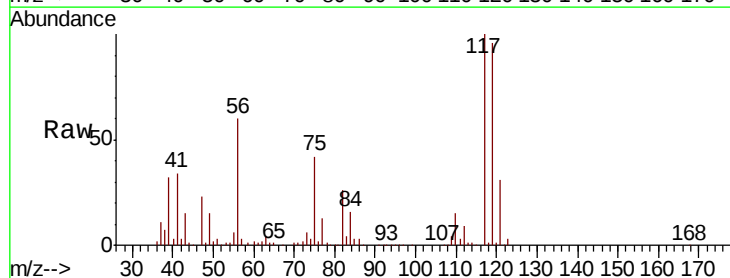


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

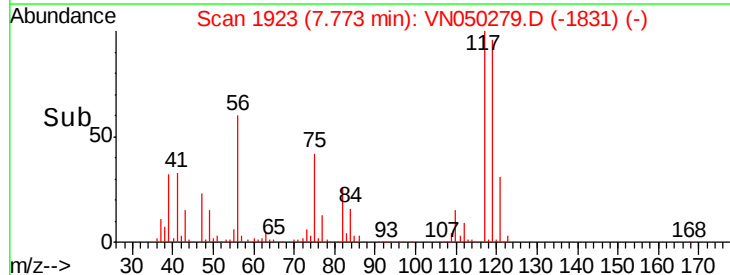
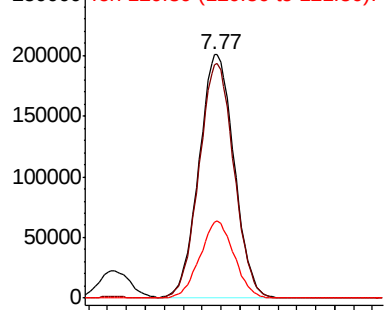


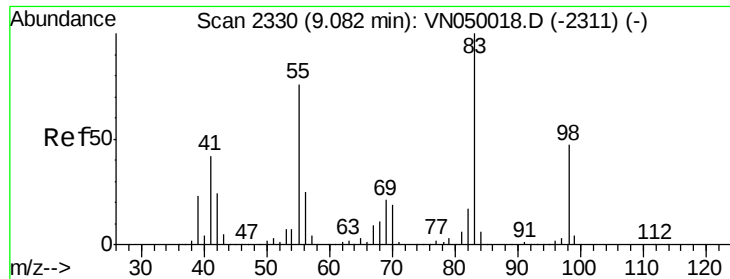
#38
Carbon Tetrachloride
Concen: 48.61 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN050279.D
Acq: 2 Aug 2018 21:59

Tgt Ion: 117 Resp: 518202
Ion Ratio Lower Upper
117 100
119 95.7 77.4 116.0
121 31.4 23.9 35.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

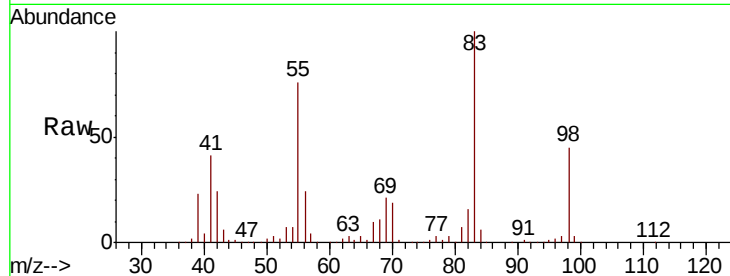




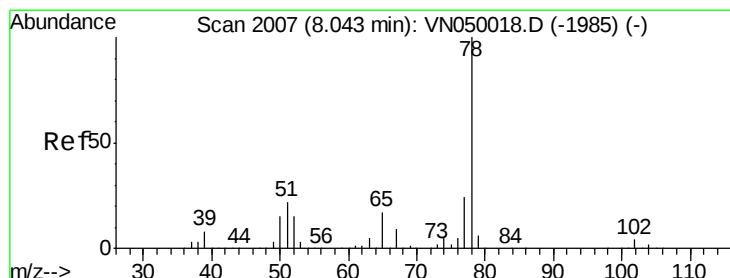
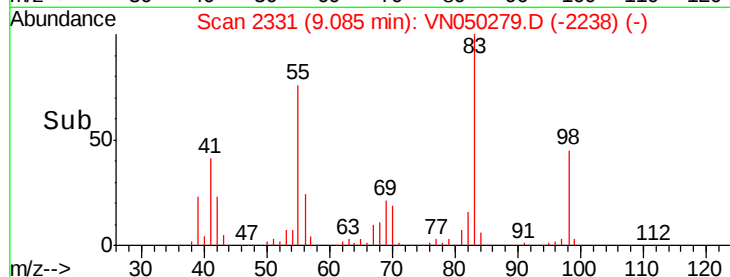
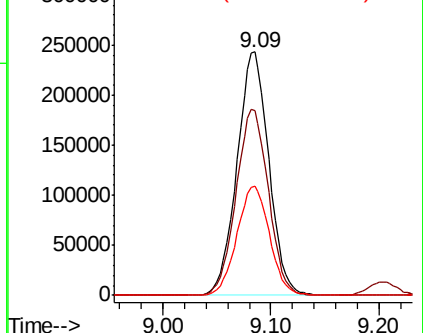
#39
Methvlcvclohexane
Concen: 48.25 ug/l
RT: 9.09 min Scan# 2331
Delta R.T. 0.00 min
Lab File: VN050279.D
Acq: 2 Aug 2018 21:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 498735
Ion Ratio Lower Upper
83 100
55 76.1 61.8 92.8
98 44.8 36.5 54.7

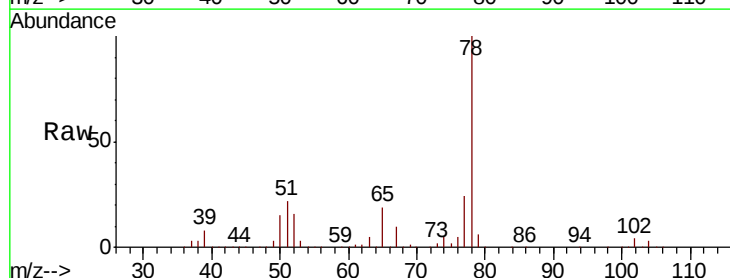


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

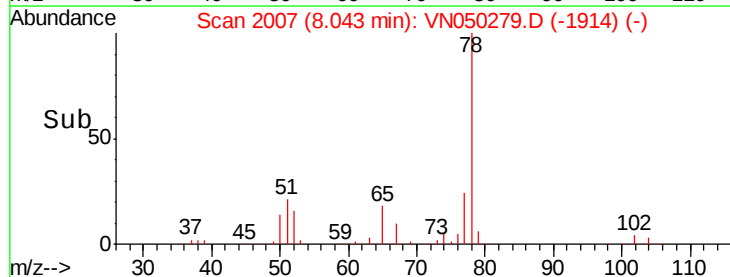
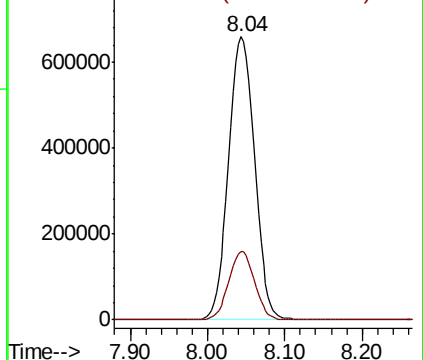


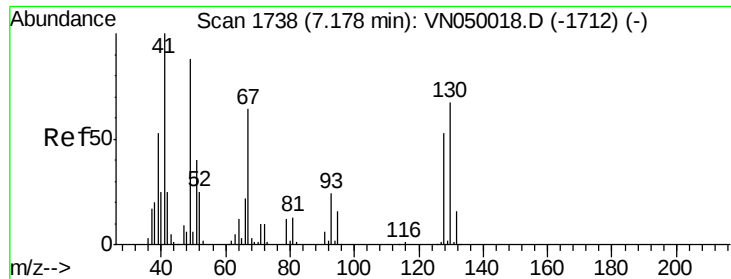
#40
Benzene
Concen: 50.33 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN050279.D
Acq: 2 Aug 2018 21:59

Tgt Ion: 78 Resp: 1538926
Ion Ratio Lower Upper
78 100
77 24.2 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

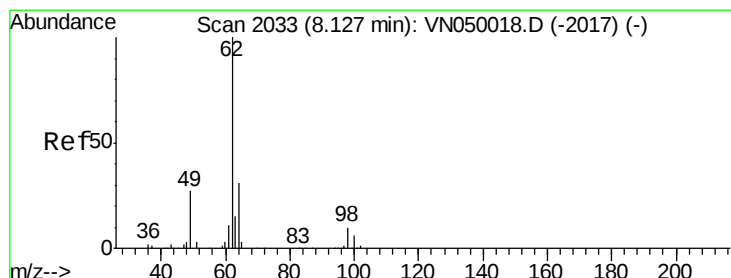
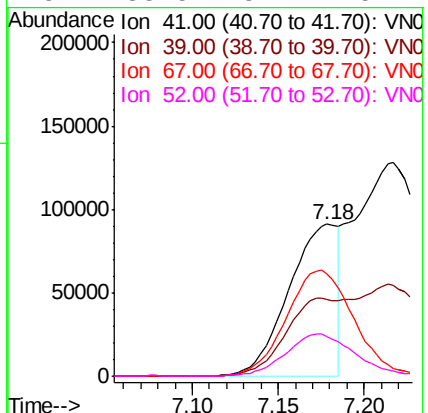
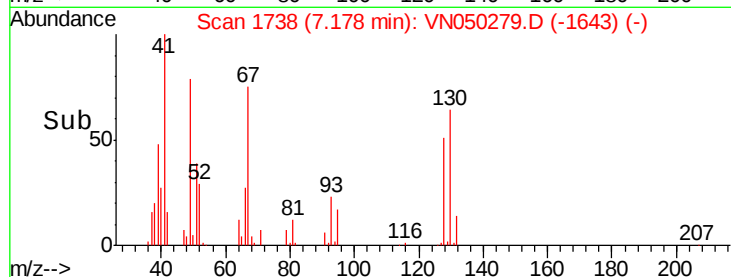
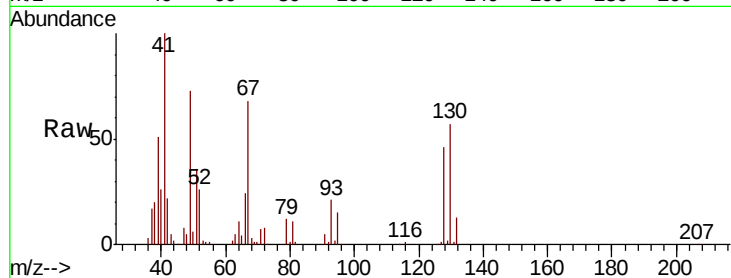




#41
Methacrylonitrile
Concen: 49.92 ug/l
RT: 7.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN050279.D
Acq: 2 Aug 2018 21:59

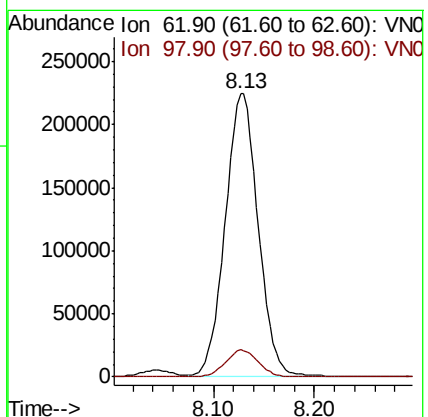
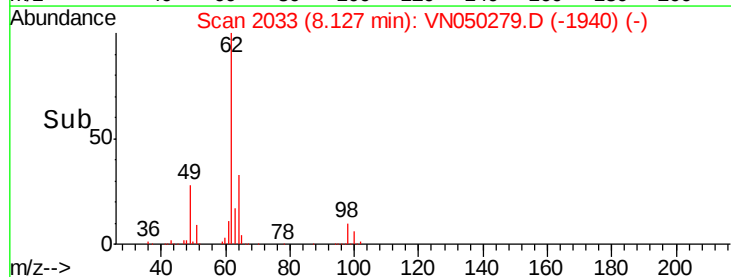
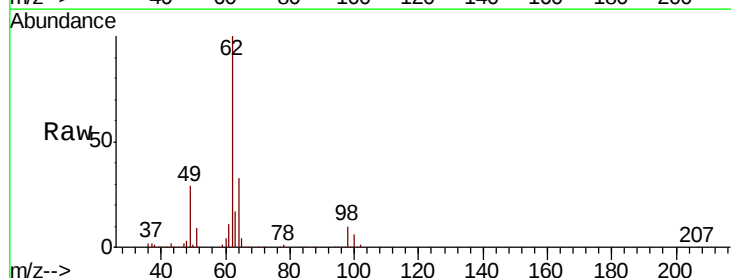
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

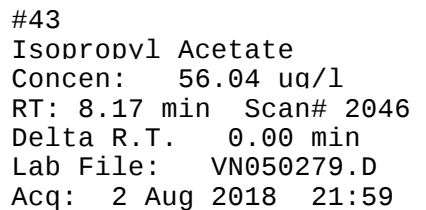
Tot Ion: 41 Resp: 182123
Ion Ratio Lower Upper
41 100
39 48.1 55.8 83.6#
67 96.3 84.3 126.5
52 38.5 34.2 51.2



#42
1,2-Dichloroethane
Concen: 49.92 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN050279.D
Acq: 2 Aug 2018 21:59

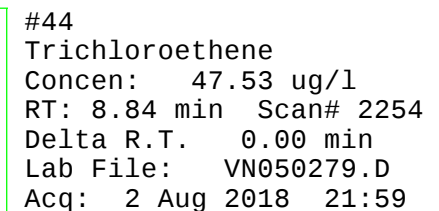
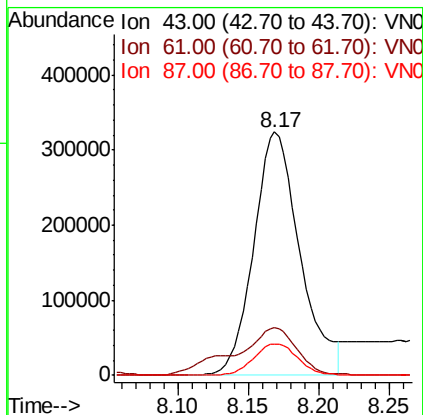
Tgt Ion: 62 Resp: 509142
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.8



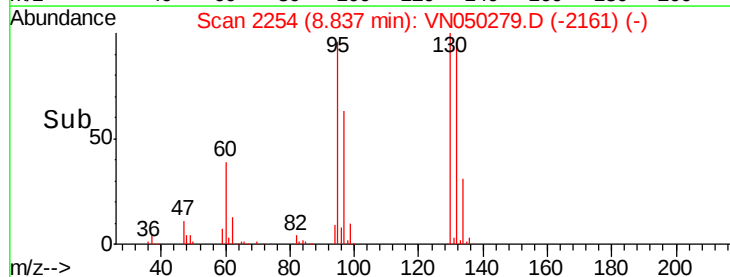
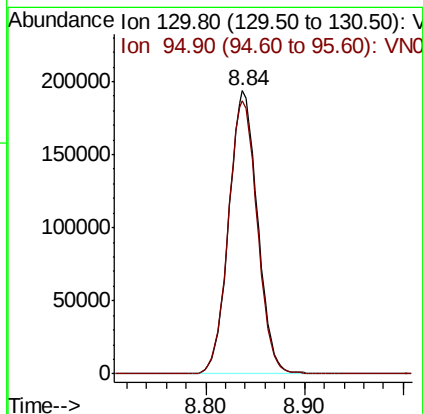


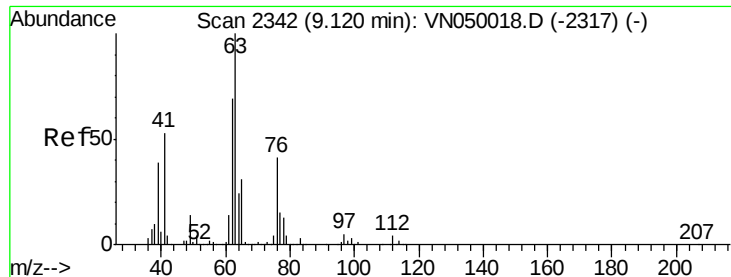
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tqt	Ion: 43	Resp:	738007
Ion	Ratio	Lower	Upper
43	100		
61	18.6	15.8	23.6
87	12.5	10.3	15.5



Tgt	Ion:130	Resp:	390456
Ion	Ratio	Lower	Upper
130	100		
95	96.4	0.0	194.6

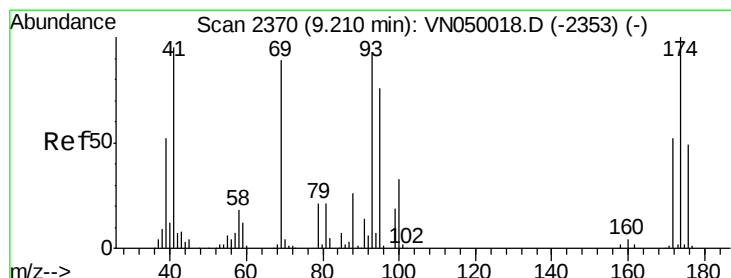
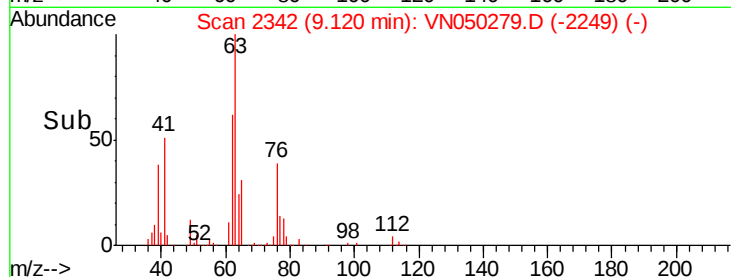
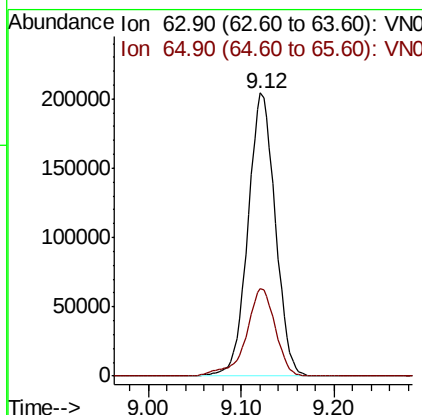
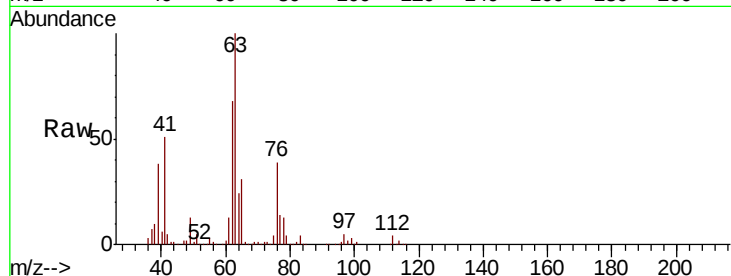




#45
 1,2-Dichloropropane
 Concen: 51.68 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN050279.D
 Acq: 2 Aug 2018 21:59

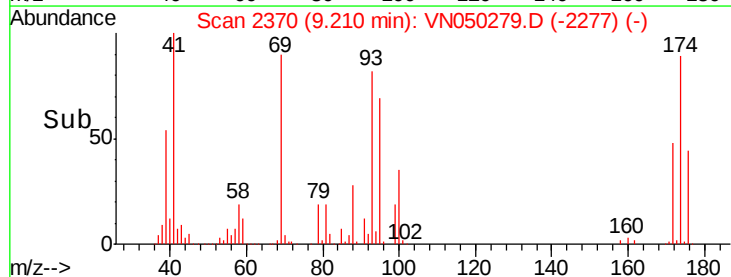
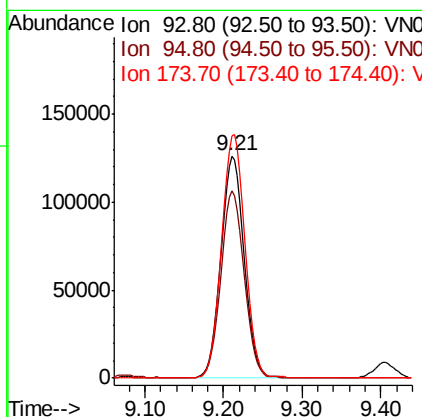
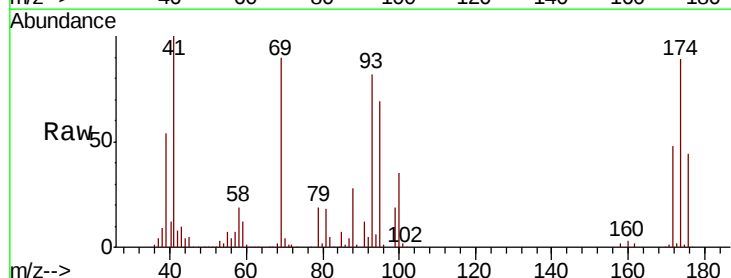
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

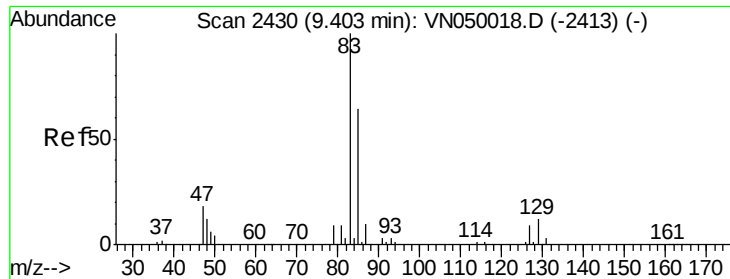
Tot Ion: 63 Resp: 418481
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.5 38.3



#46
 Dibromomethane
 Concen: 51.15 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: VN050279.D
 Acq: 2 Aug 2018 21:59

Tgt Ion: 93 Resp: 257194
 Ion Ratio Lower Upper
 93 100
 95 84.6 66.6 100.0
 174 109.8 87.1 130.7





#47

Bromodichloromethane

Concen: 51.32 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN050279.D

Acq: 2 Aug 2018 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

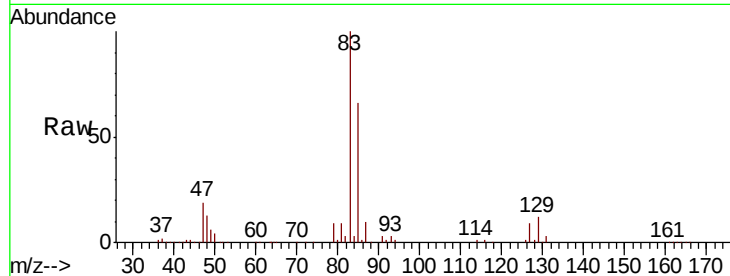
Tot Ion: 83 Resp: 544625

Ion Ratio Lower Upper

83 100

85 65.7 51.1 76.7

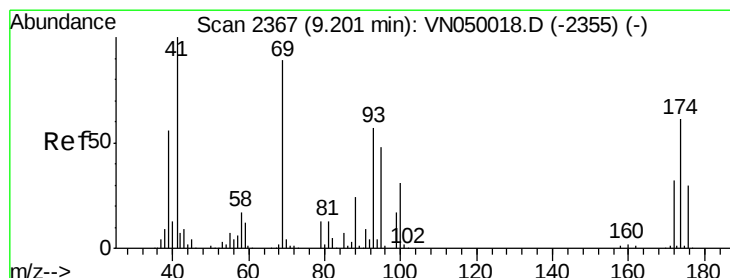
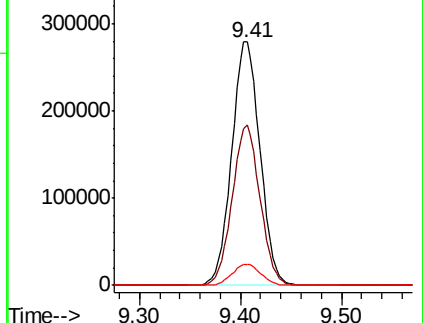
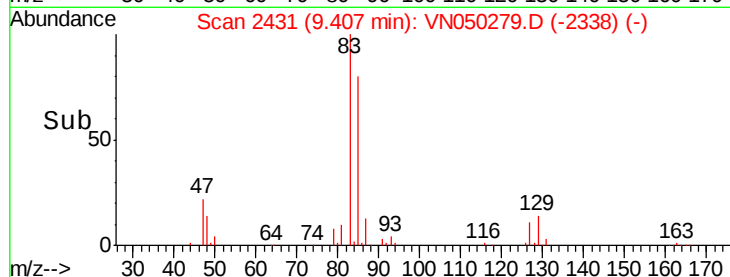
127 8.8 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 57.64 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN050279.D

Acq: 2 Aug 2018 21:59

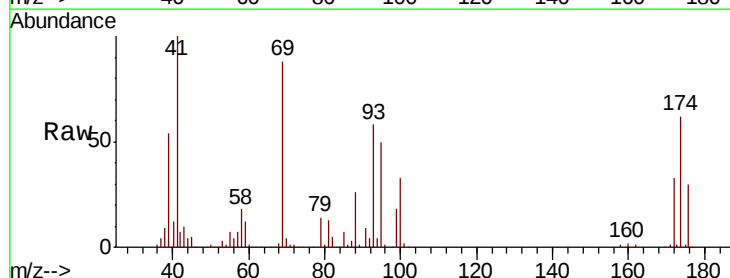
Tgt Ion: 41 Resp: 347742

Ion Ratio Lower Upper

41 100

69 89.1 70.6 105.8

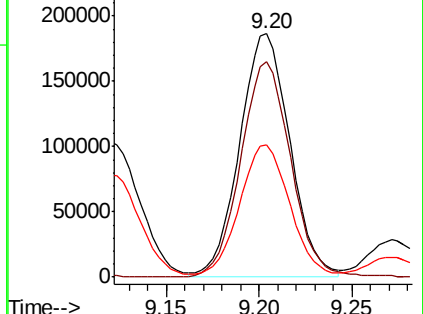
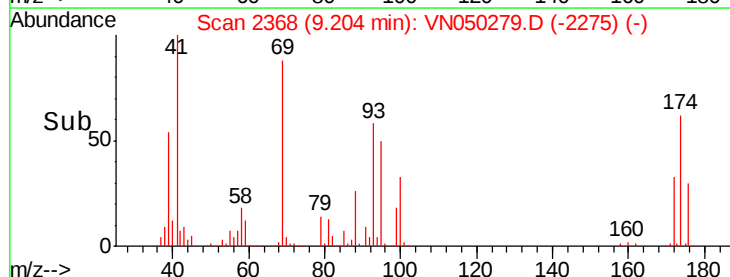
39 54.9 43.9 65.9

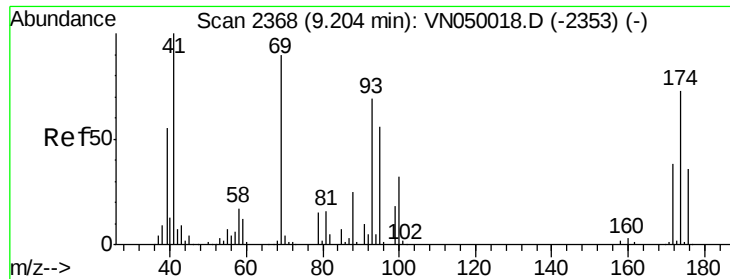


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 1236.90 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN050279.D

Acq: 2 Aug 2018 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

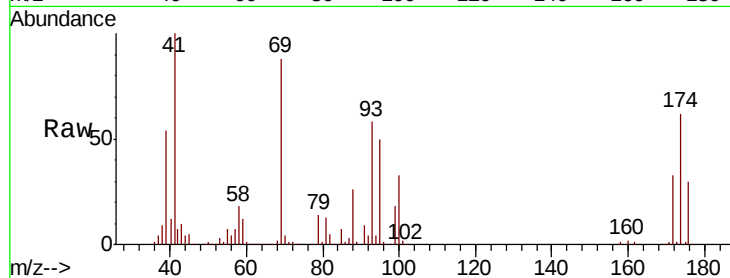
Tot Ion: 88 Resp: 101555

Ion Ratio Lower Upper

88 100

43 33.3 26.9 40.3

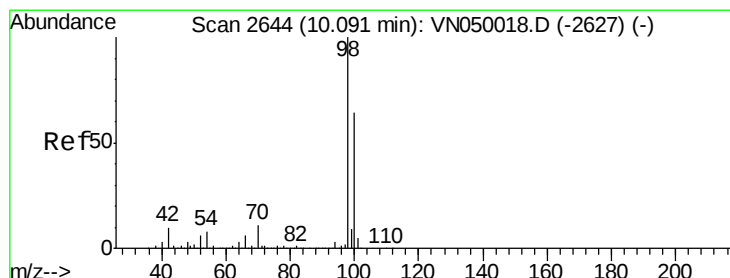
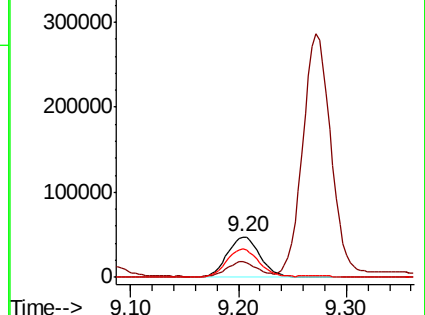
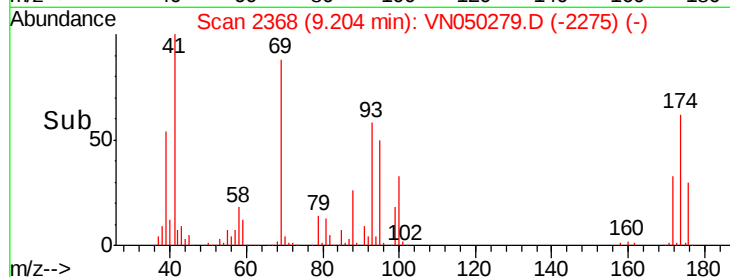
58 69.6 57.3 85.9



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: 50.42 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050279.D

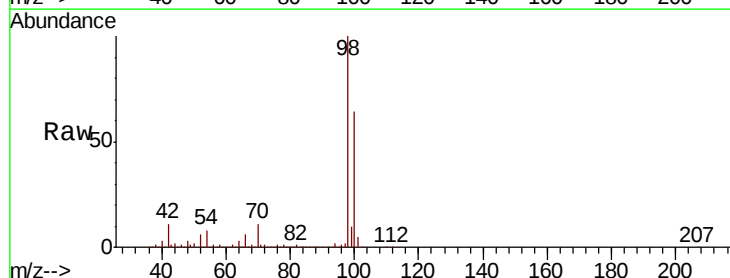
Acq: 2 Aug 2018 21:59

Tgt Ion: 98 Resp: 1349864

Ion Ratio Lower Upper

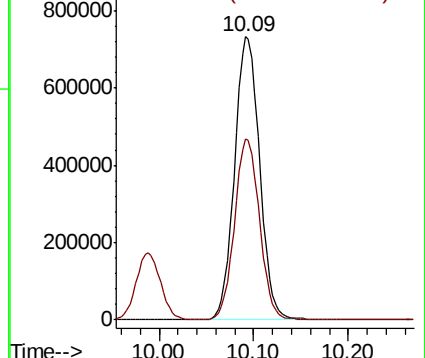
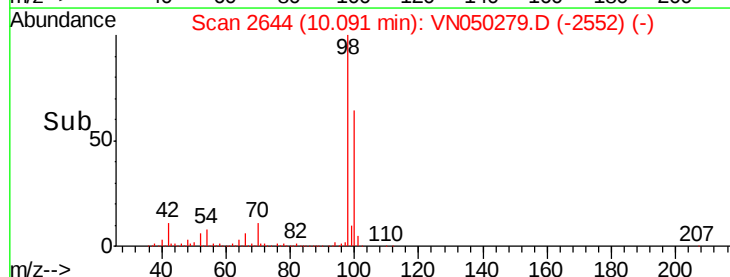
98 100

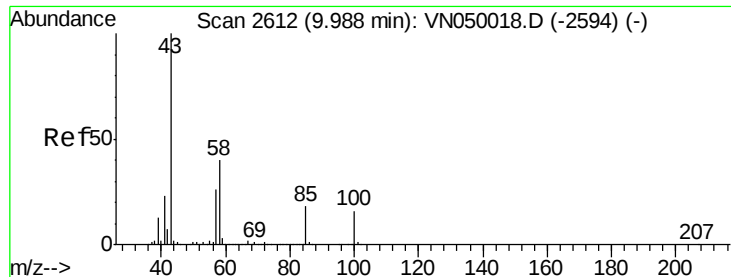
100 63.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

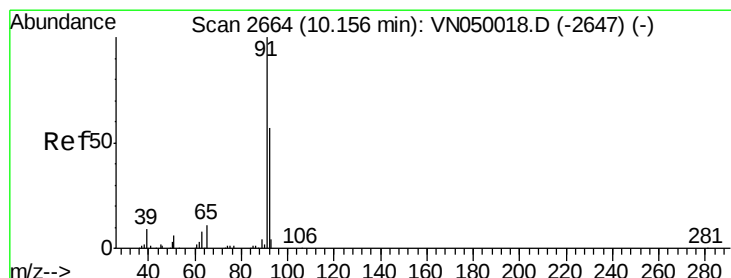
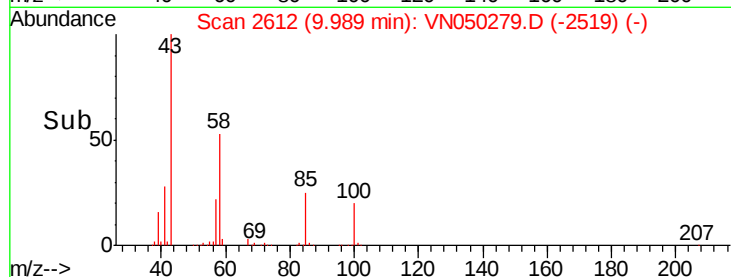
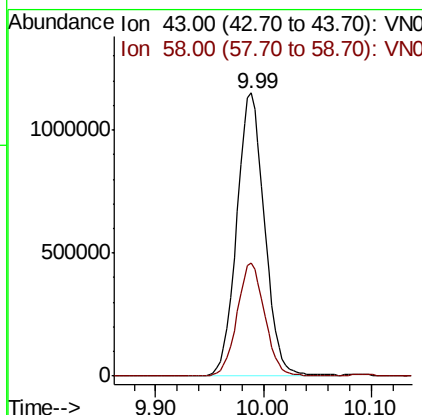
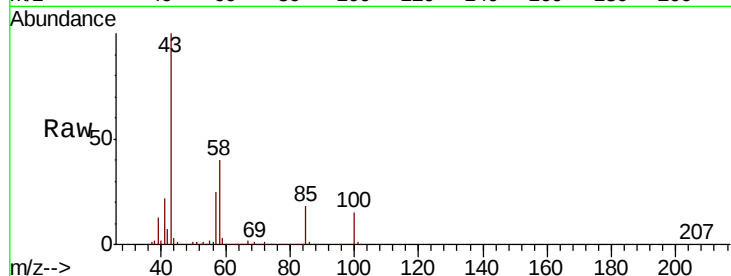




#51
 4-Methyl-2-Pentanone
 Concen: 299.73 ug/l
 RT: 9.99 min Scan# 2612
 Delta R.T. 0.00 min
 Lab File: VN050279.D
 Acq: 2 Aug 2018 21:59

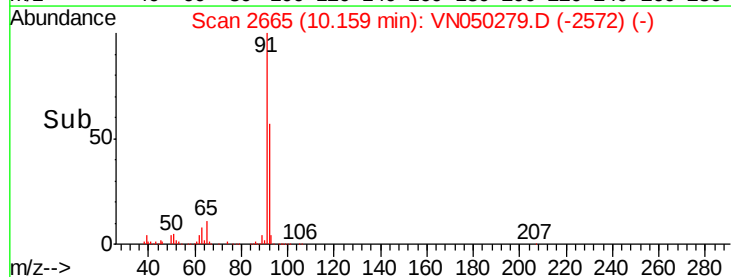
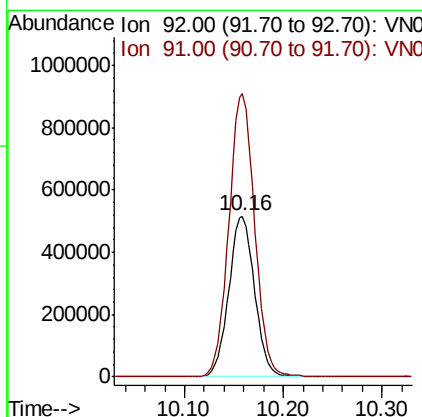
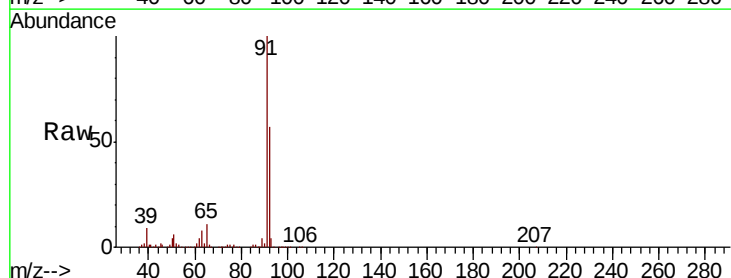
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

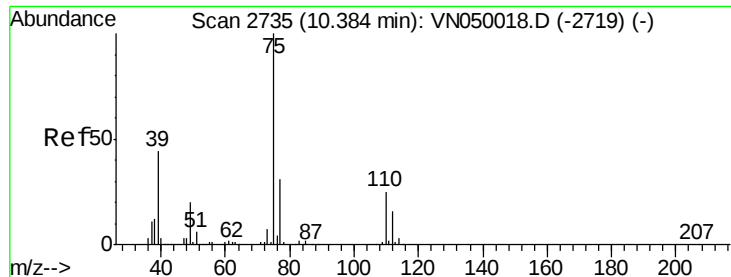
Tot Ion: 43 Resp: 2064127
 Ion Ratio Lower Upper
 43 100
 58 39.6 31.9 47.9



#52
 Toluene
 Concen: 52.26 ug/l
 RT: 10.16 min Scan# 2665
 Delta R.T. 0.00 min
 Lab File: VN050279.D
 Acq: 2 Aug 2018 21:59

Tgt Ion: 92 Resp: 943171
 Ion Ratio Lower Upper
 92 100
 91 176.6 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 52.65 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN050279.D

Acq: 2 Aug 2018 21:59

Instrument :

MSVOA_N

ClientSampleId :

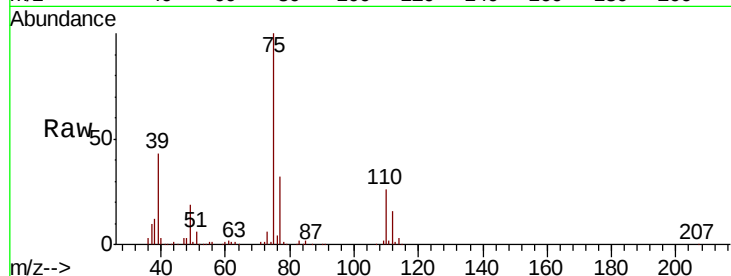
VSTDCCC050

Tot Ion: 75 Resp: 527231

Ion Ratio Lower Upper

75 100

77 31.7 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

300000

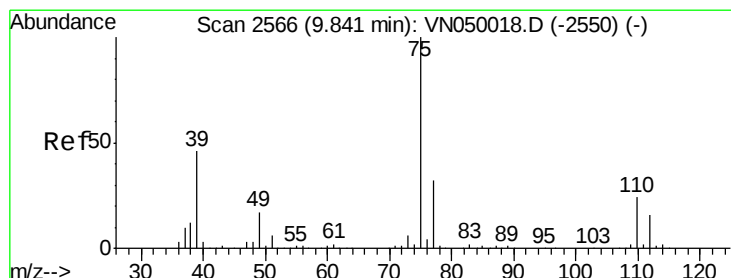
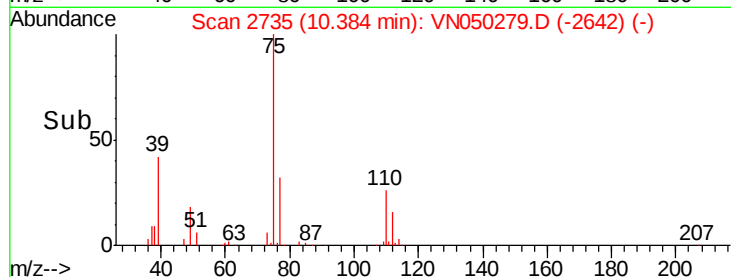
200000

100000

0

Time-->

10.30 10.40 10.50



#54

cis-1,3-Dichloropropene

Concen: 51.63 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VN050279.D

Acq: 2 Aug 2018 21:59

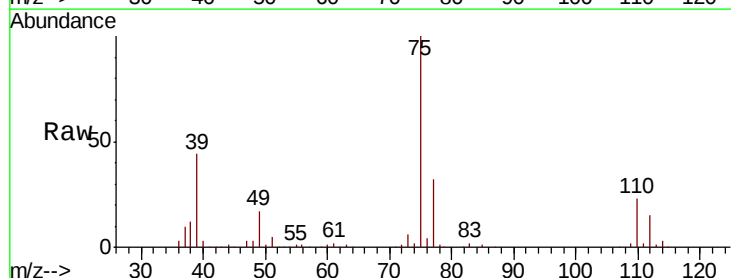
Tgt Ion: 75 Resp: 590895

Ion Ratio Lower Upper

75 100

77 32.5 25.5 38.3

39 44.3 36.6 55.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

400000

300000

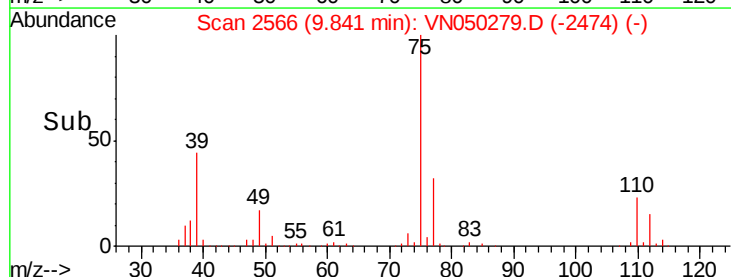
200000

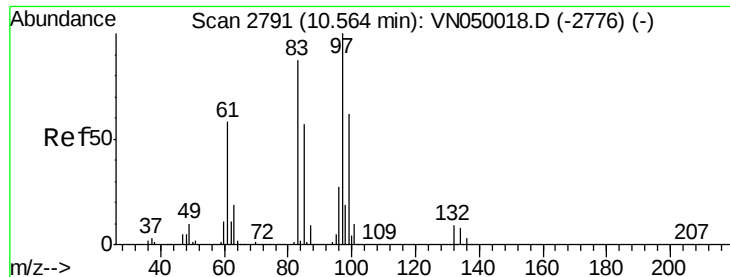
100000

0

Time-->

9.75 9.80 9.85 9.90

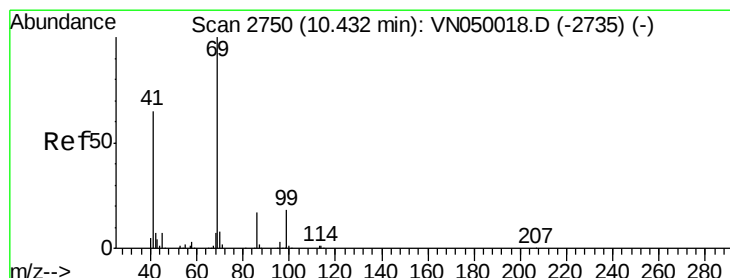
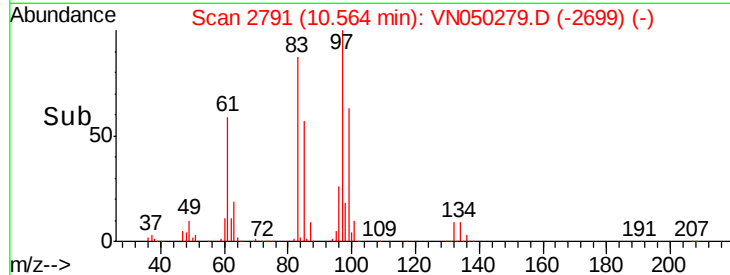
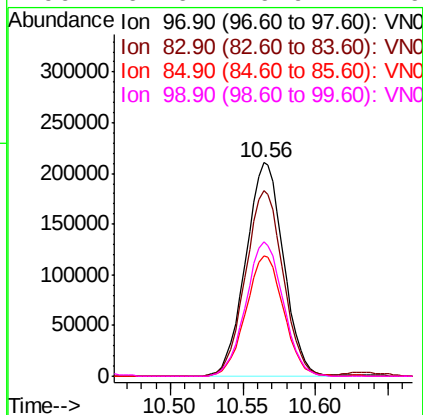
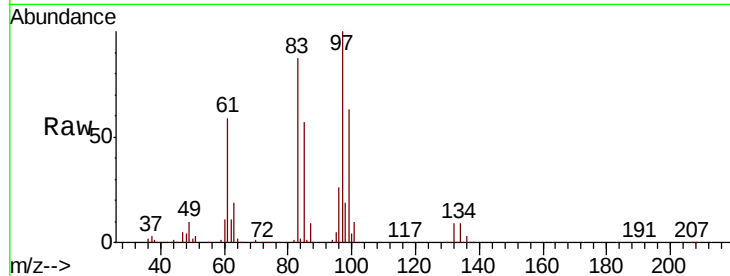




#55
 1,1,2-Trichloroethane
 Concen: 53.34 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: VN050279.D
 Acq: 2 Aug 2018 21:59

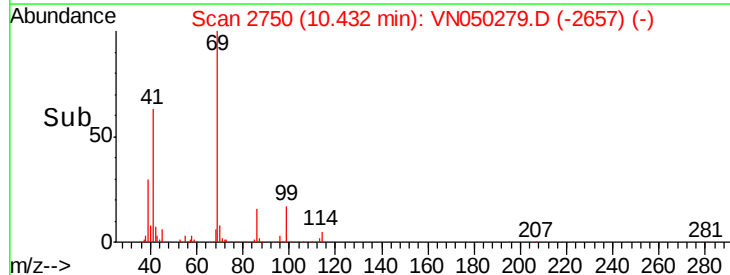
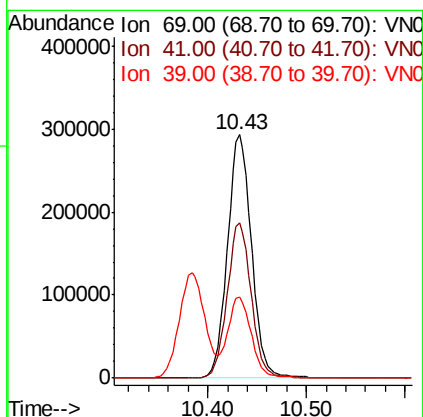
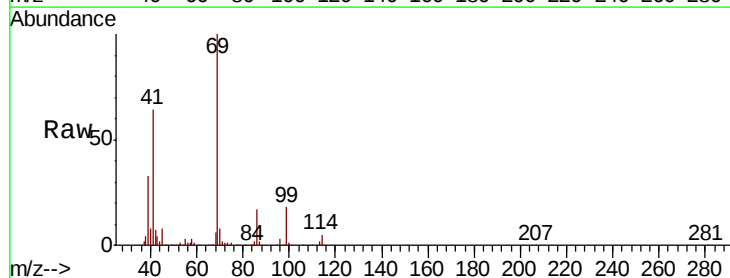
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

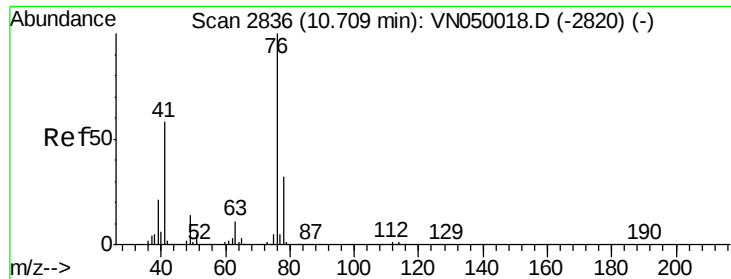
Tot Ion: 97 Resp: 381863
 Ion Ratio Lower Upper
 97 100
 83 87.0 69.2 103.8
 85 56.6 44.0 66.0
 99 62.6 49.9 74.9



#56
 Ethyl methacrylate
 Concen: 51.47 ug/l
 RT: 10.43 min Scan# 2750
 Delta R.T. 0.00 min
 Lab File: VN050279.D
 Acq: 2 Aug 2018 21:59

Tgt Ion: 69 Resp: 499686
 Ion Ratio Lower Upper
 69 100
 41 63.0 51.0 76.4
 39 32.7 26.6 40.0

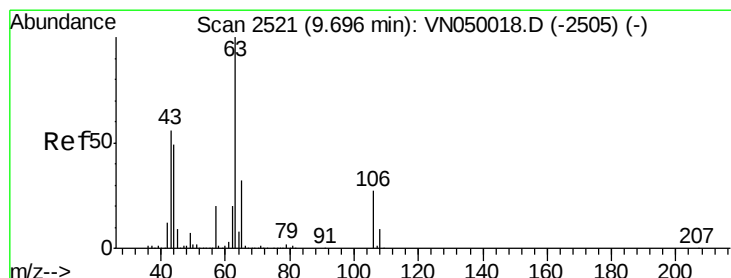
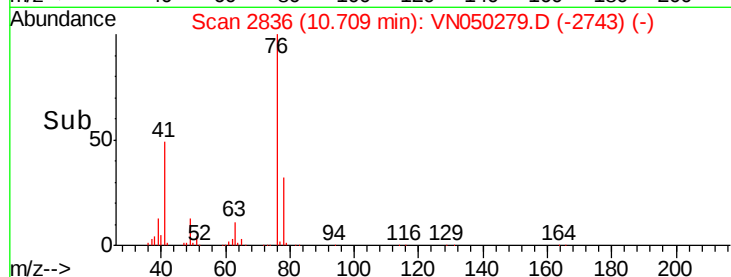
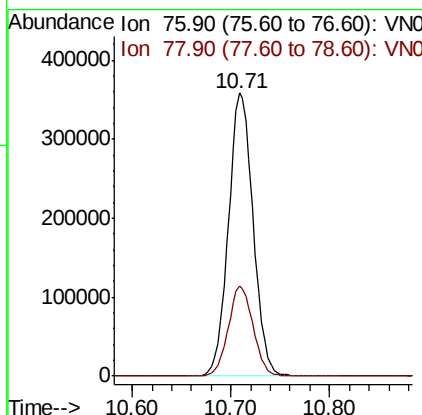
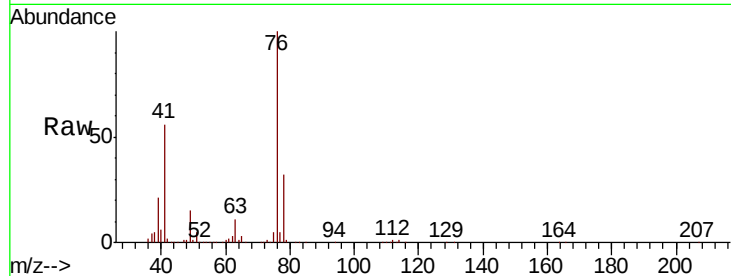




#57
 1,3-Dichloropropane
 Concen: 53.82 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. 0.00 min
 Lab File: VN050279.D
 Acq: 2 Aug 2018 21:59

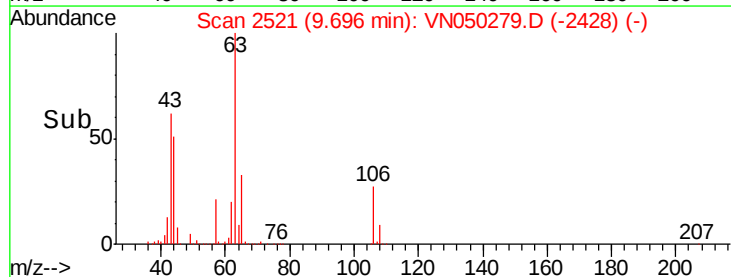
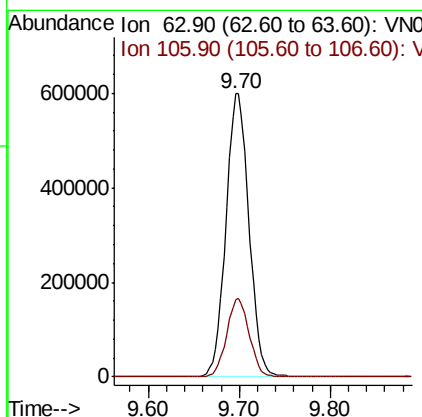
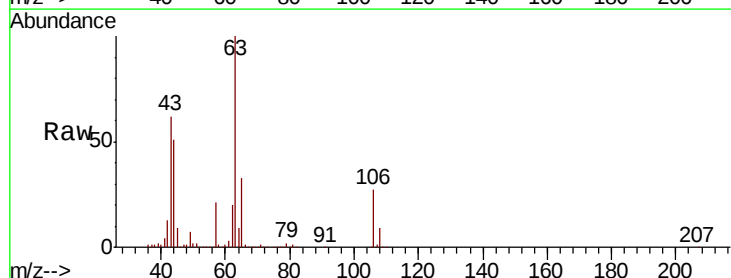
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

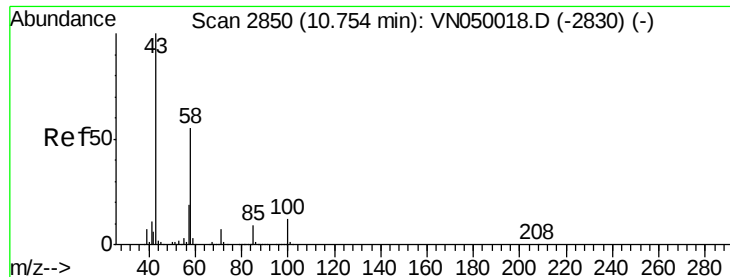
Tot Ion: 76 Resp: 627360
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 233.30 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. -0.00 min
 Lab File: VN050279.D
 Acq: 2 Aug 2018 21:59

Tgt Ion: 63 Resp: 1054284
 Ion Ratio Lower Upper
 63 100
 106 27.1 21.7 32.5

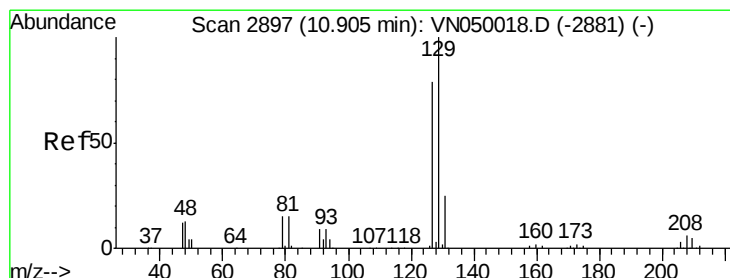
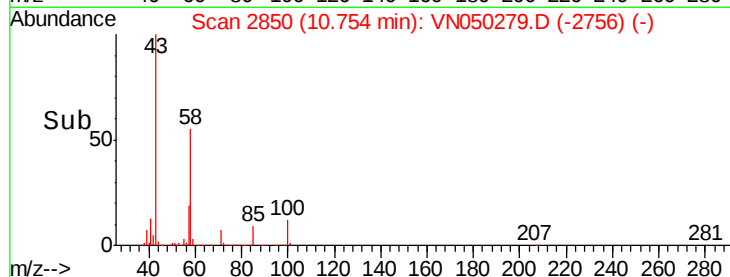
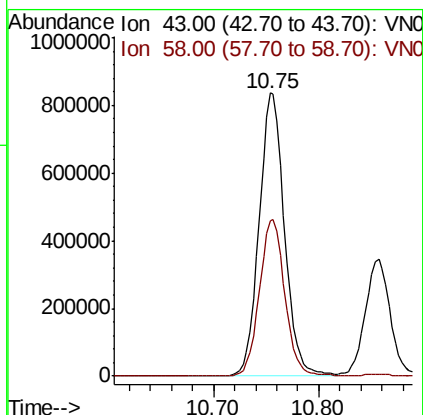
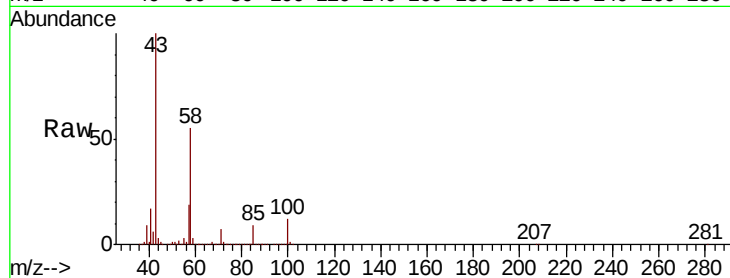




#59
2-Hexanone
Concen: 277.02 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN050279.D
Acq: 2 Aug 2018 21:59

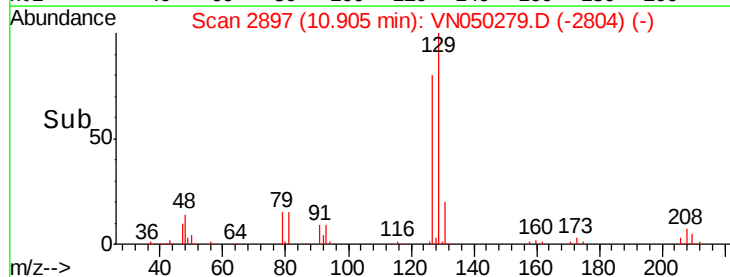
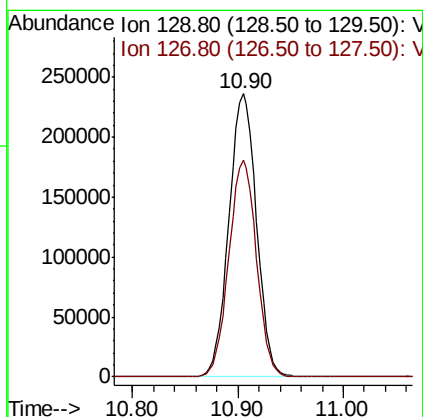
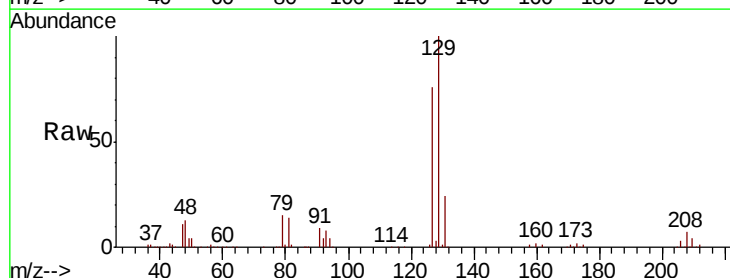
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

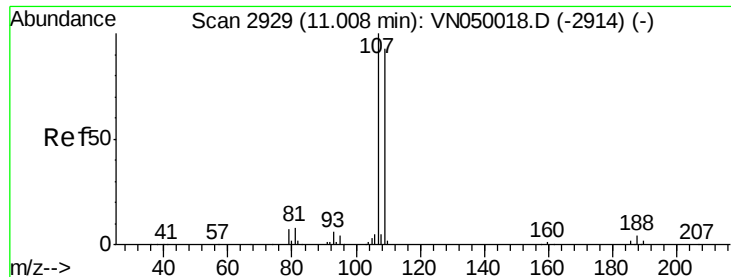
Tot Ion: 43 Resp: 1404686
Ion Ratio Lower Upper
43 100
58 55.8 27.6 82.7



#60
Dibromochloromethane
Concen: 54.00 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN050279.D
Acq: 2 Aug 2018 21:59

Tgt Ion: 129 Resp: 427989
Ion Ratio Lower Upper
129 100
127 76.6 38.0 113.9

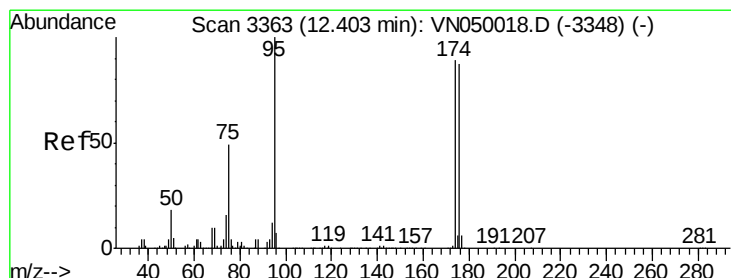
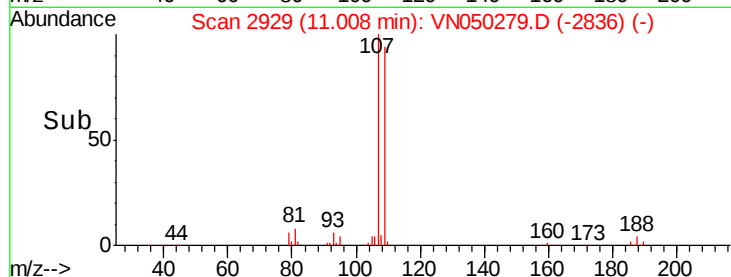
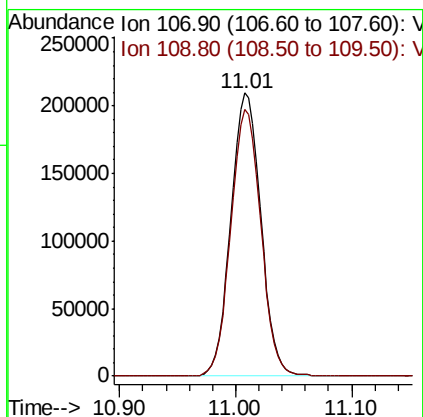
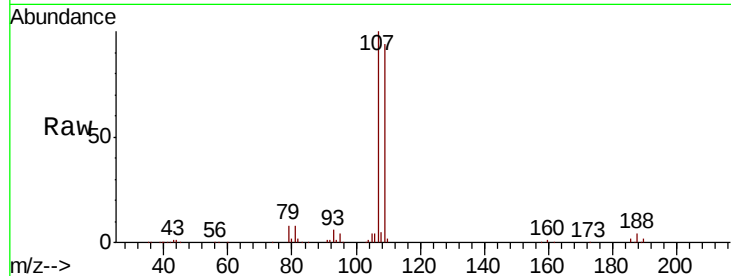




#61
 1,2-Dibromoethane
 Concen: 52.83 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN050279.D
 Acq: 2 Aug 2018 21:59

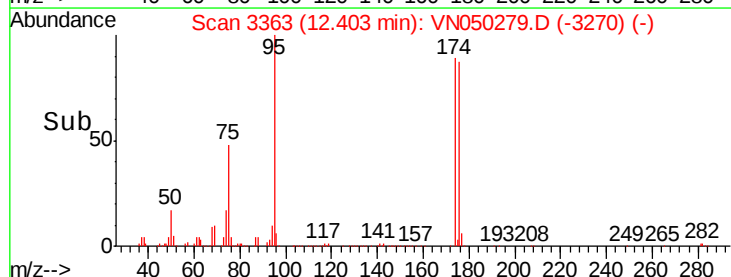
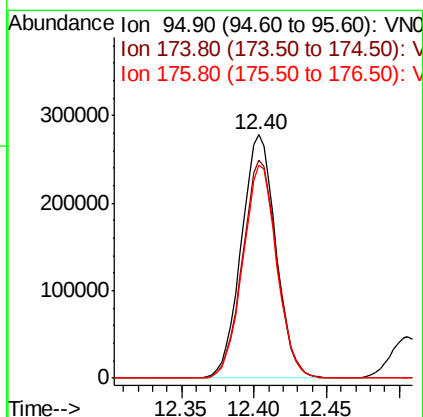
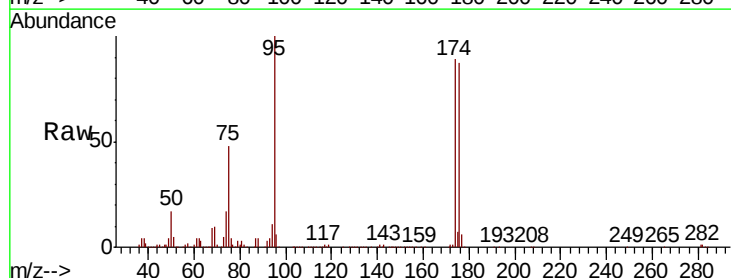
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

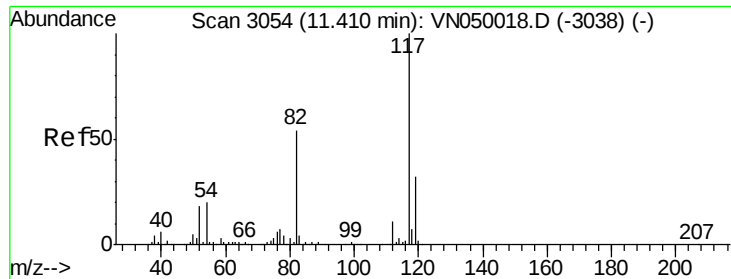
Tot Ion:107 Resp: 375267
 Ion Ratio Lower Upper
 107 100
 109 94.8 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 52.24 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN050279.D
 Acq: 2 Aug 2018 21:59

Tgt Ion: 95 Resp: 460444
 Ion Ratio Lower Upper
 95 100
 174 89.7 0.0 178.2
 176 86.4 0.0 173.4

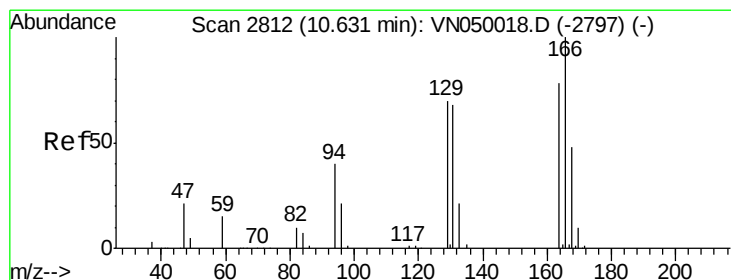
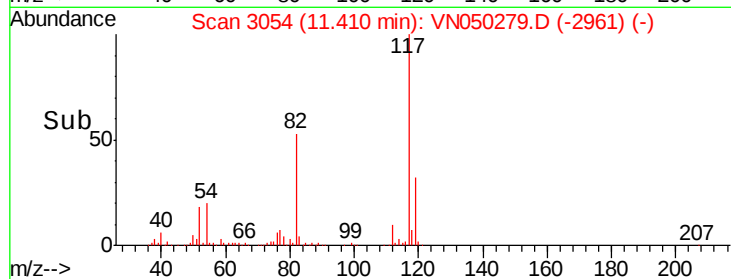
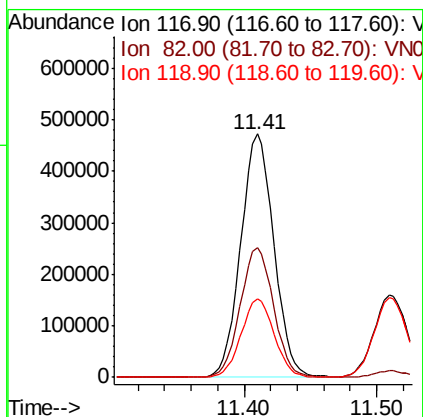
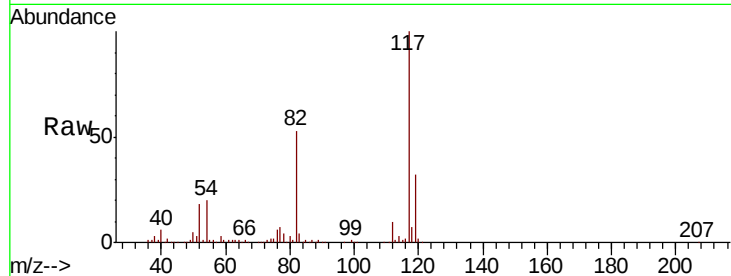




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050279.D
Acq: 2 Aug 2018 21:59

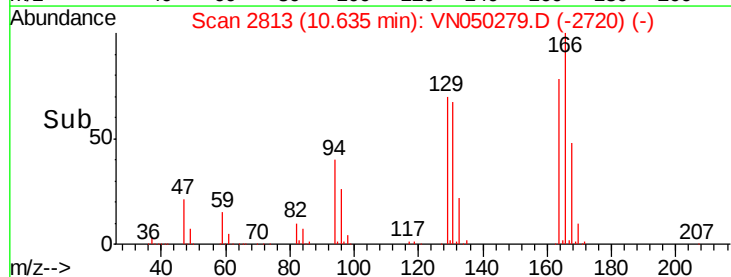
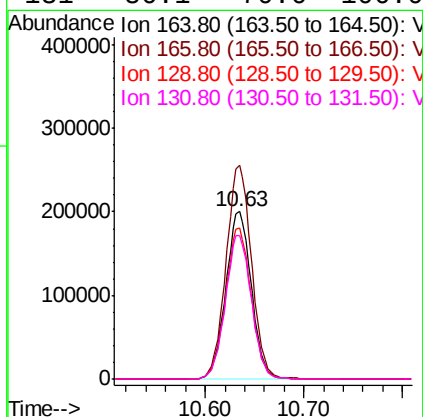
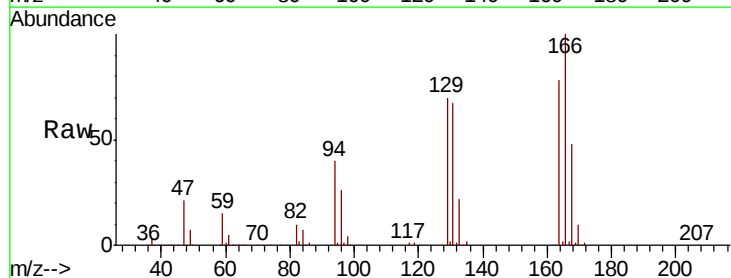
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

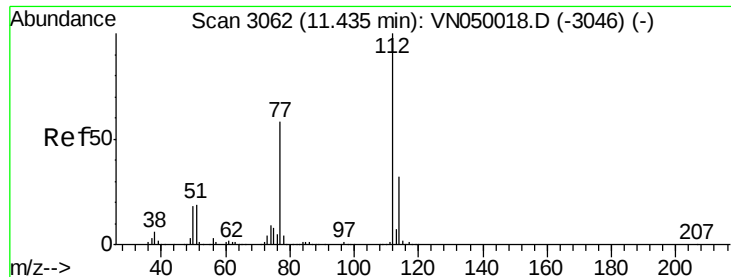
Tot Ion:117 Resp: 820977
Ion Ratio Lower Upper
117 100
82 53.1 43.7 65.5
119 32.1 26.1 39.1



#64
Tetrachloroethene
Concen: 45.90 ug/l
RT: 10.63 min Scan# 2813
Delta R.T. 0.00 min
Lab File: VN050279.D
Acq: 2 Aug 2018 21:59

Tgt Ion:164 Resp: 362269
Ion Ratio Lower Upper
164 100
166 127.7 102.1 153.1
129 90.0 73.2 109.8
131 86.1 70.6 106.0

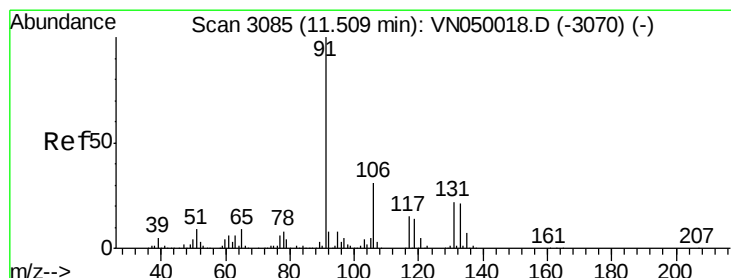
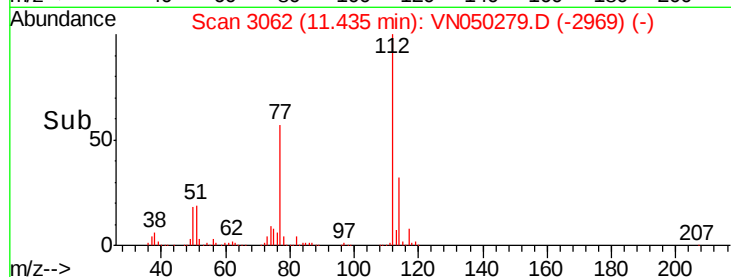
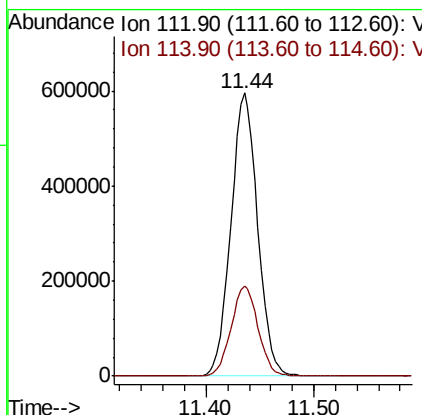
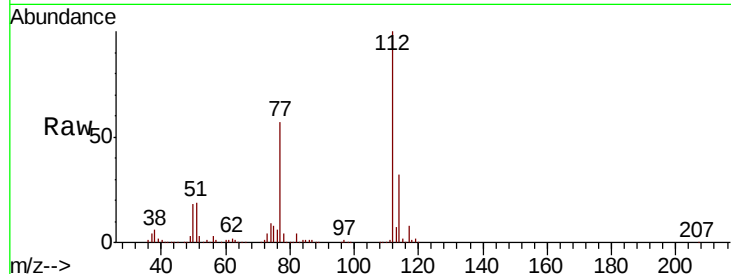




#65
Chlorobenzene
Concen: 49.46 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN050279.D
Acq: 2 Aug 2018 21:59

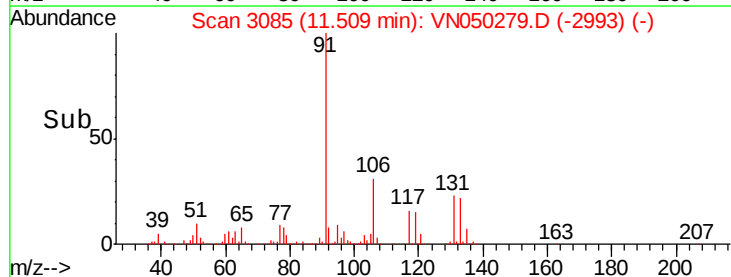
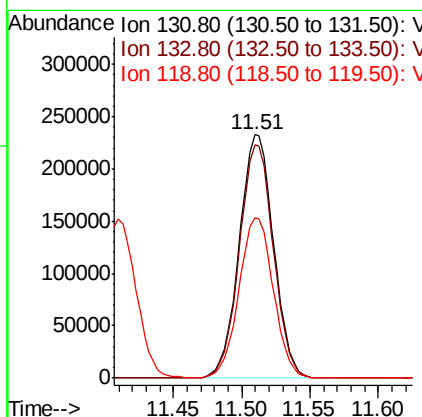
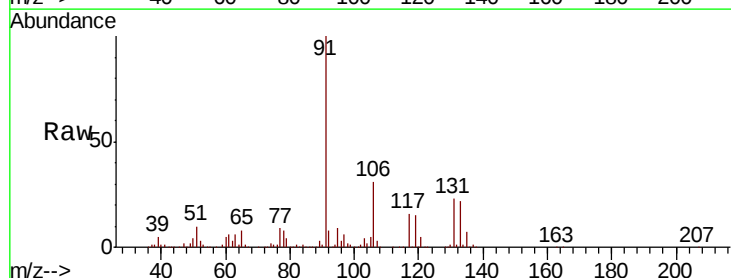
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

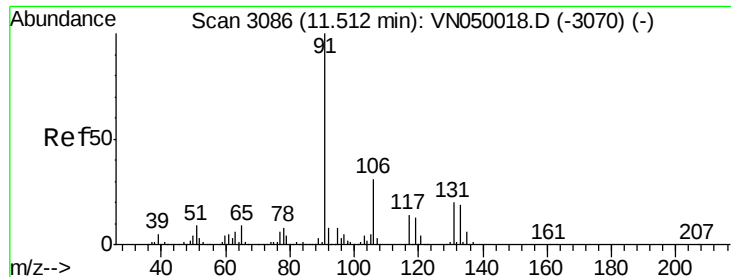
Tot Ion:112 Resp: 1025733
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.99 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. -0.00 min
Lab File: VN050279.D
Acq: 2 Aug 2018 21:59

Tgt Ion:131 Resp: 406292
Ion Ratio Lower Upper
131 100
133 95.1 47.3 141.9
119 66.2 32.9 98.7





#67

Ethyl Benzene

Concen: 53.05 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN050279.D

Acq: 2 Aug 2018 21:59

Instrument :

MSVOA_N

ClientSampleId :

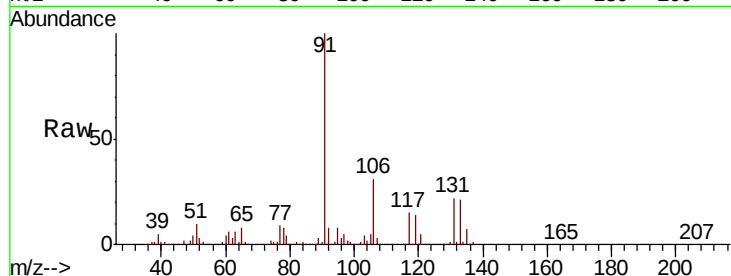
VSTDCCC050

Tot Ion: 91 Resp: 1767364

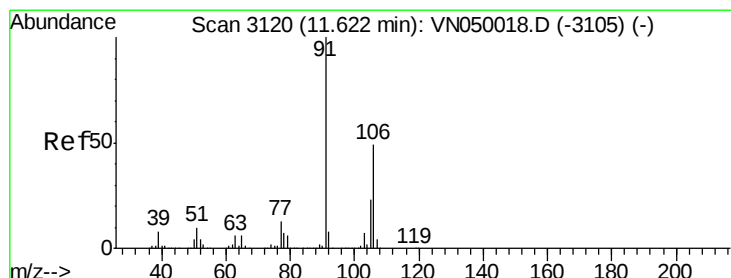
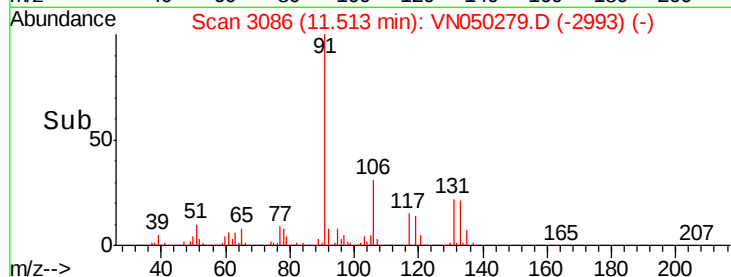
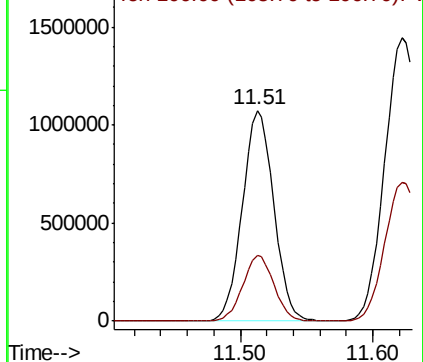
Ion Ratio Lower Upper

91 100

106 31.1 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VN050018.D (-3070) (-)



#68

m/p-Xylenes

Concen: 108.43 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. -0.00 min

Lab File: VN050279.D

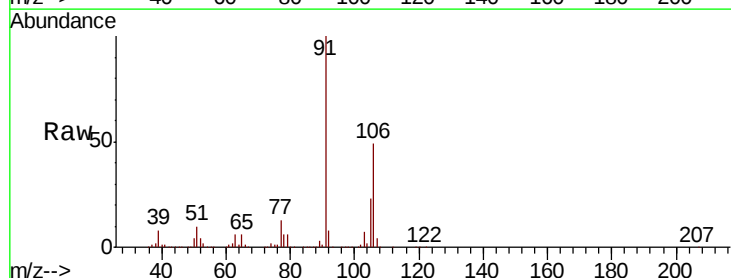
Acq: 2 Aug 2018 21:59

Tgt Ion: 106 Resp: 1366230

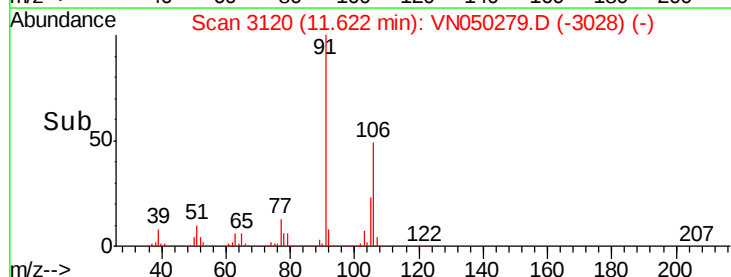
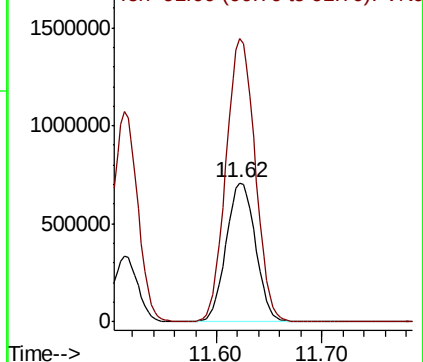
Ion Ratio Lower Upper

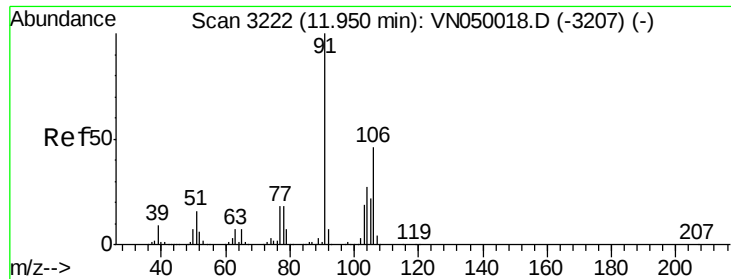
106 100

91 202.3 162.2 243.2



Abundance Ion 106.00 (105.70 to 106.70): VN050018.D (-3105) (-)

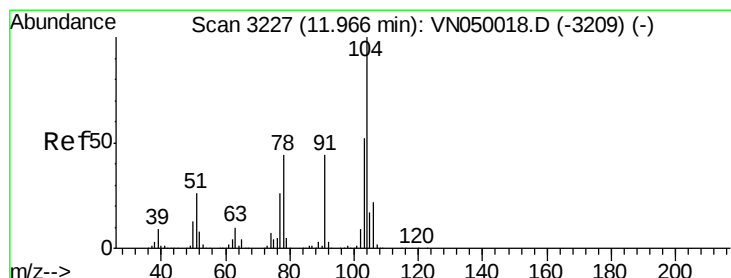
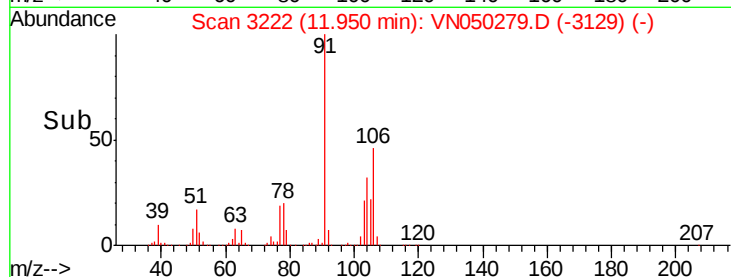
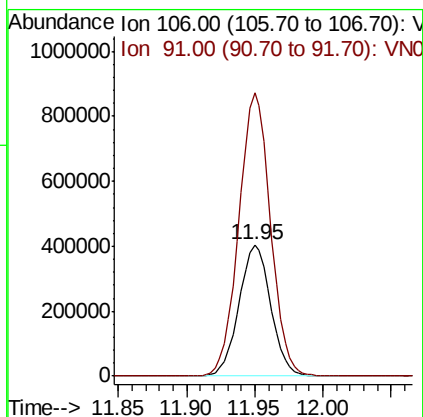
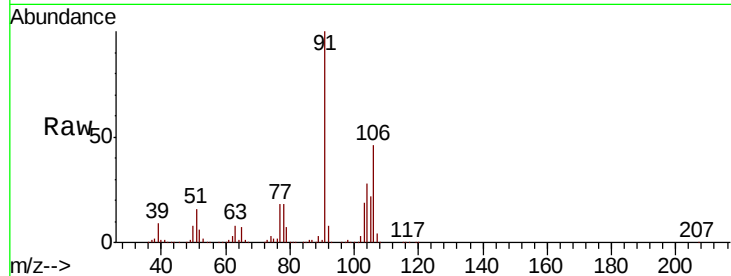




#69
o-Xylene
Concen: 54.30 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050279.D
Acq: 2 Aug 2018 21:59

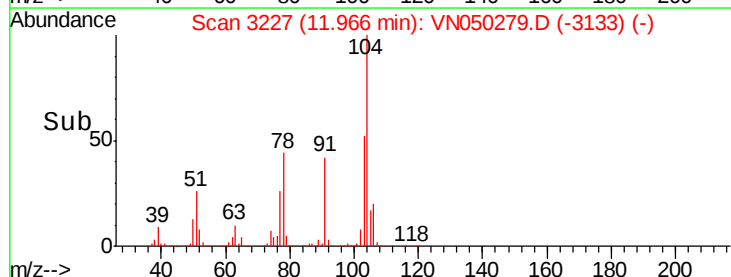
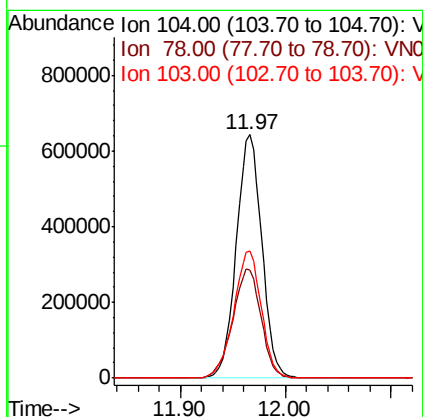
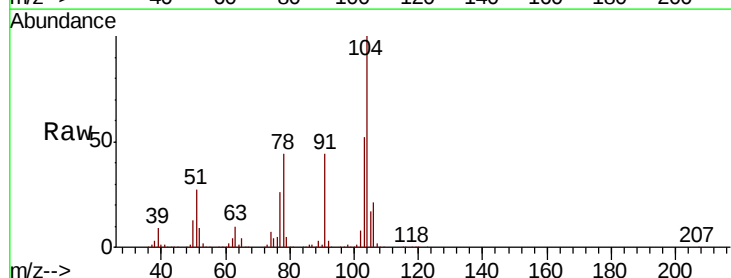
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

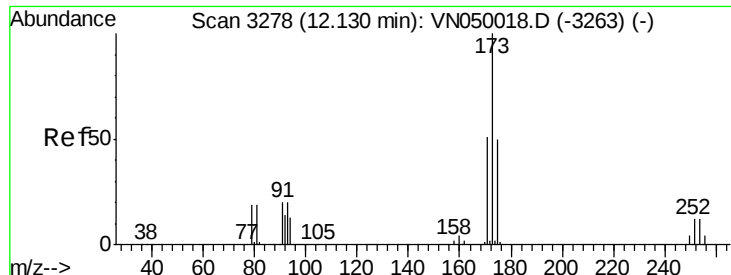
Tot Ion:106 Resp: 652177
Ion Ratio Lower Upper
106 100
91 215.3 107.7 323.1



#70
Styrene
Concen: 50.54 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050279.D
Acq: 2 Aug 2018 21:59

Tgt Ion:104 Resp: 1079995
Ion Ratio Lower Upper
104 100
78 49.5 39.3 58.9
103 56.2 45.0 67.6





#71

Bromoform

Concen: 54.30 ug/l

RT: 12.13 min Scan# 3278

Delta R.T. 0.00 min

Lab File: VN050279.D

Acq: 2 Aug 2018 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

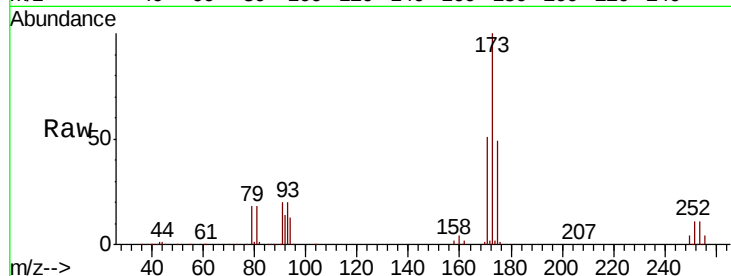
Tot Ion:173 Resp: 314757

Ion Ratio Lower Upper

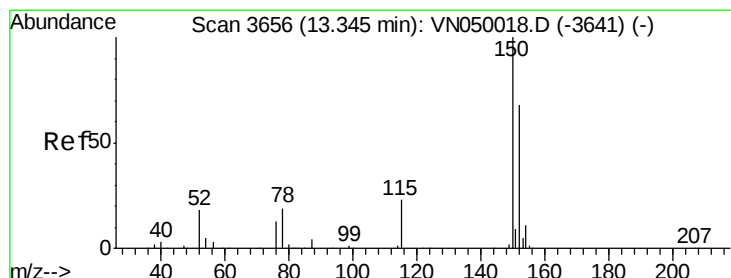
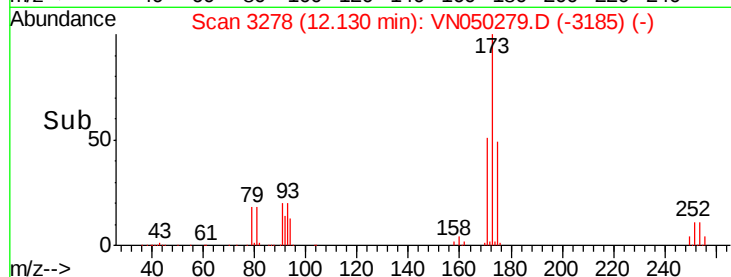
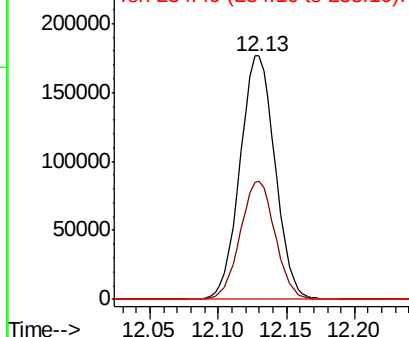
173 100

175 48.2 24.1 72.2

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050279.D

Acq: 2 Aug 2018 21:59

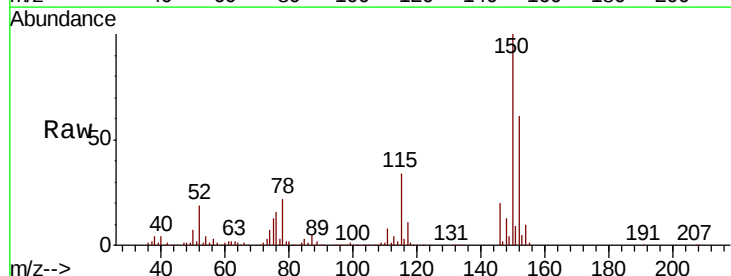
Tgt Ion:152 Resp: 433121

Ion Ratio Lower Upper

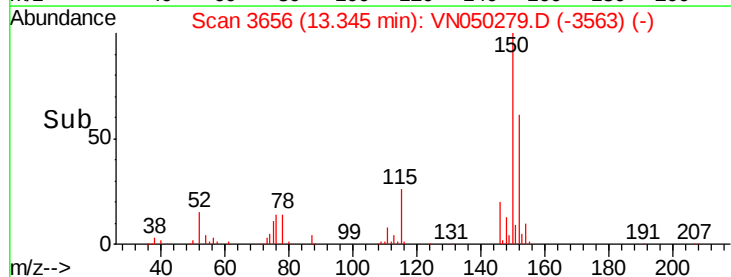
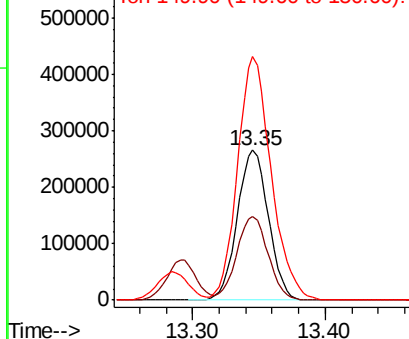
152 100

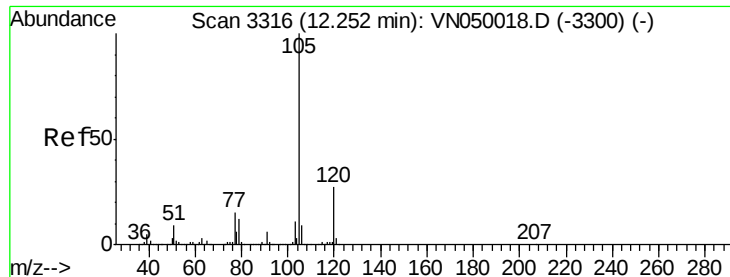
115 56.0 27.8 83.3

150 175.5 0.0 348.6



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





#73

Isopropylbenzene

Concen: 52.44 ug/l

RT: 12.25 min Scan# 3316

Delta R.T. 0.00 min

Lab File: VN050279.D

Acq: 2 Aug 2018 21:59

Instrument :

MSVOA_N

ClientSampleId :

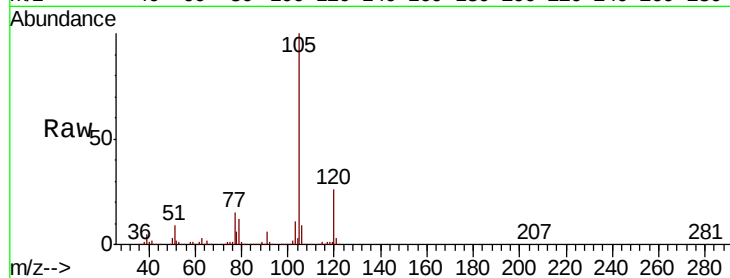
VSTDCCC050

Tot Ion:105 Resp: 1761445

Ion Ratio Lower Upper

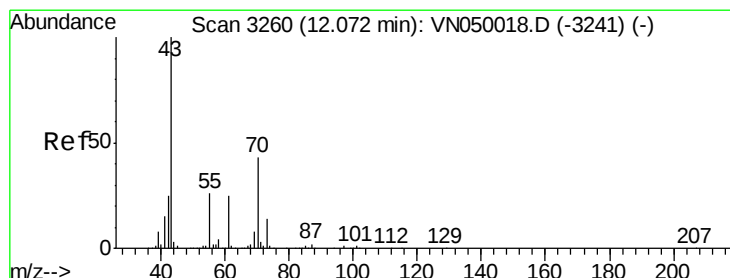
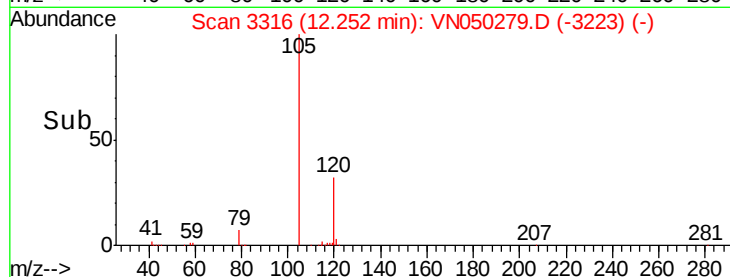
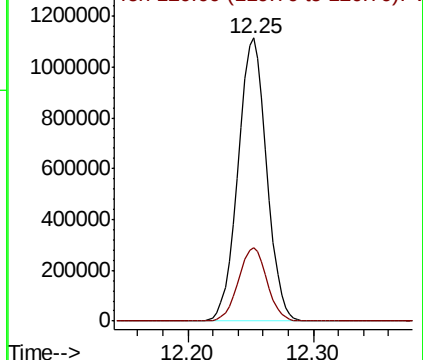
105 100

120 26.1 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.82 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN050279.D

Acq: 2 Aug 2018 21:59

Tgt Ion: 43 Resp: 562829

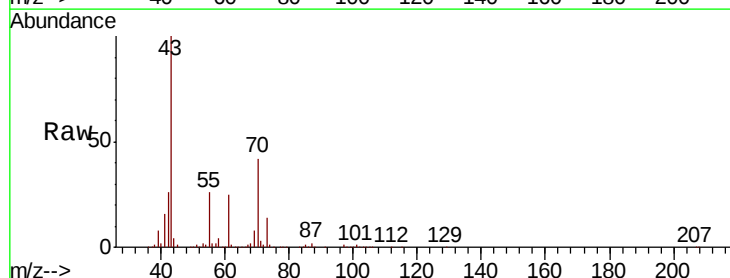
Ion Ratio Lower Upper

43 100

70 42.8 34.4 51.6

55 26.6 20.8 31.2

61 24.6 19.7 29.5

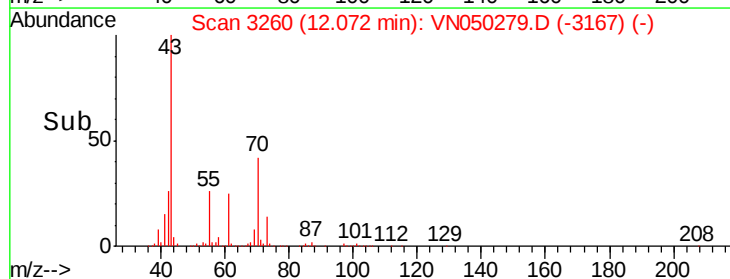
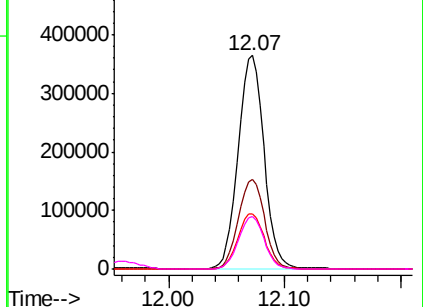


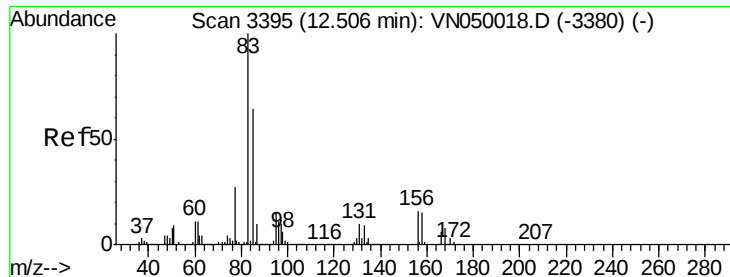
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 58.16 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN050279.D

Acq: 2 Aug 2018 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

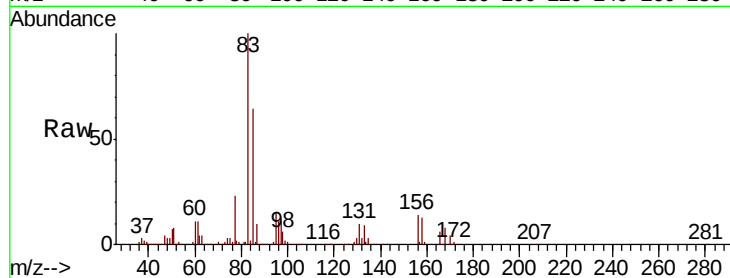
Tot Ion: 83 Resp: 519190

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

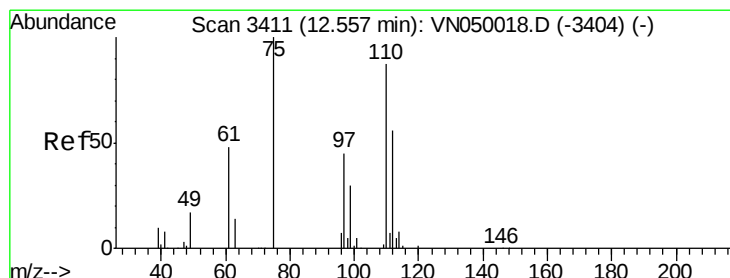
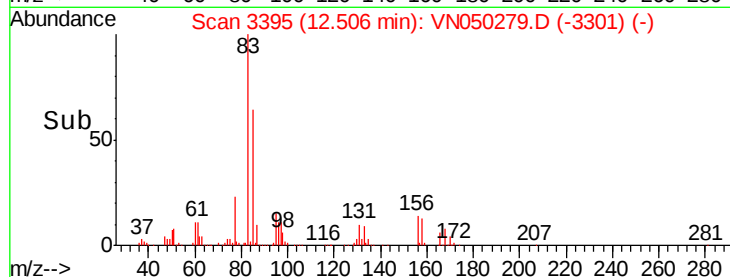
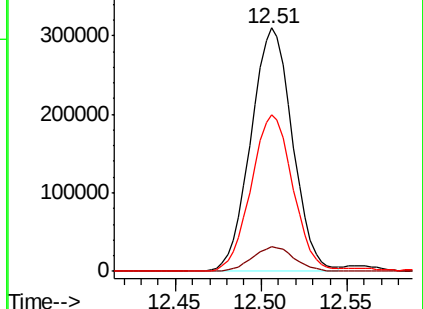
85 64.5 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN050018.D (-3380) (-)

Ion 130.80 (130.50 to 131.50): VN050018.D (-3380) (-)

Ion 84.90 (84.60 to 85.60): VN050018.D (-3380) (-)



#76

1,2,3-Trichloropropane

Concen: 76.74 ug/l

RT: 12.56 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN050279.D

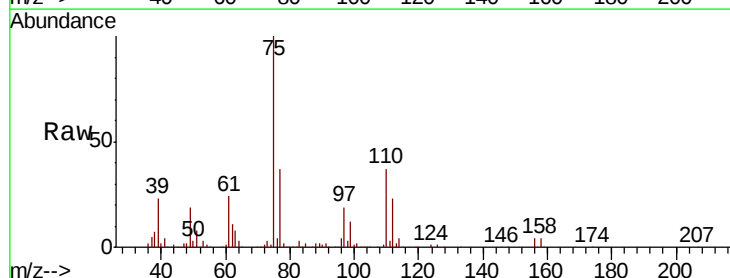
Acq: 2 Aug 2018 21:59

Tgt Ion: 75 Resp: 617705

Ion Ratio Lower Upper

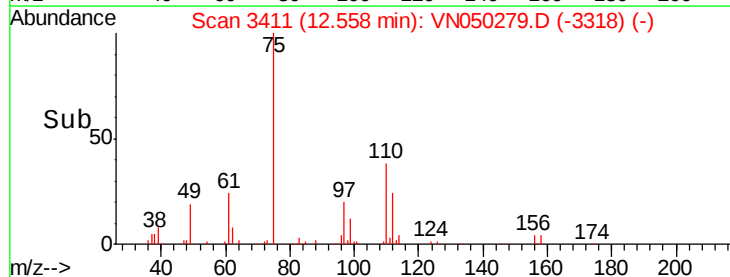
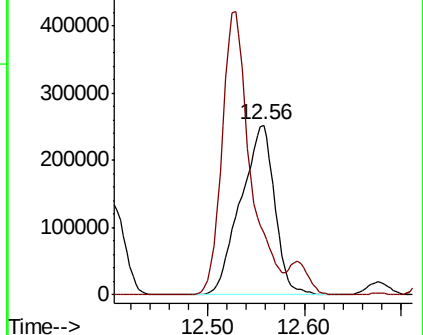
75 100

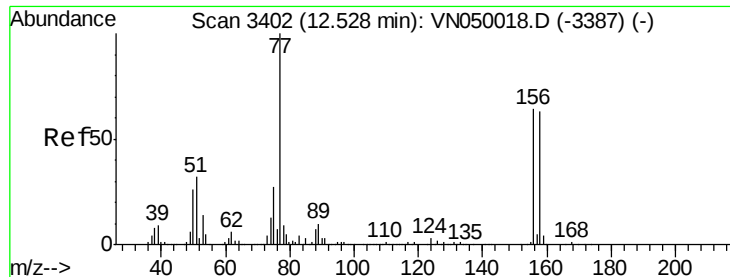
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN050018.D (-3404) (-)

Ion 77.00 (76.70 to 77.70): VN050018.D (-3404) (-)





#77

Bromobenzene

Concen: 49.00 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN050279.D

Acq: 2 Aug 2018 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

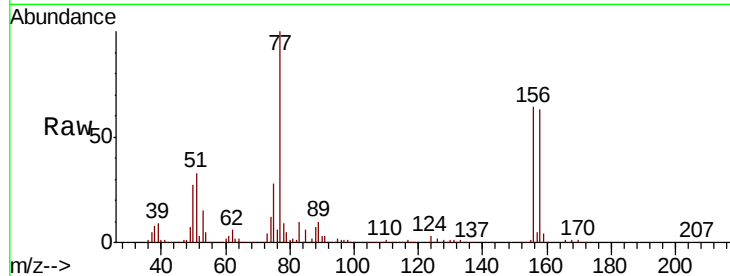
Tot Ion:156 Resp: 456144

Ion Ratio Lower Upper

156 100

77 188.5 91.7 275.1

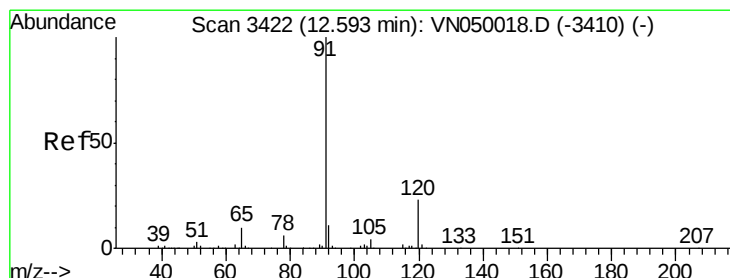
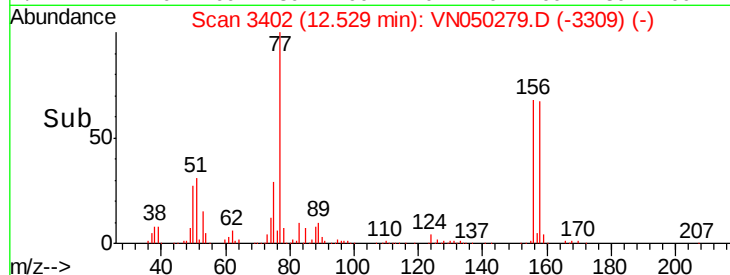
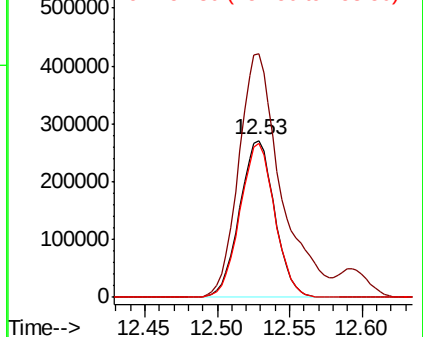
158 97.3 48.9 146.6



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: 53.51 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050279.D

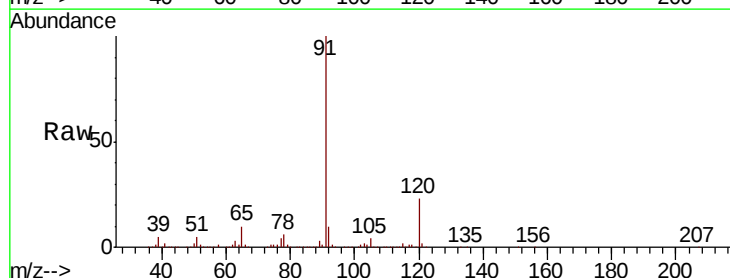
Acq: 2 Aug 2018 21:59

Tgt Ion: 91 Resp: 2009184

Ion Ratio Lower Upper

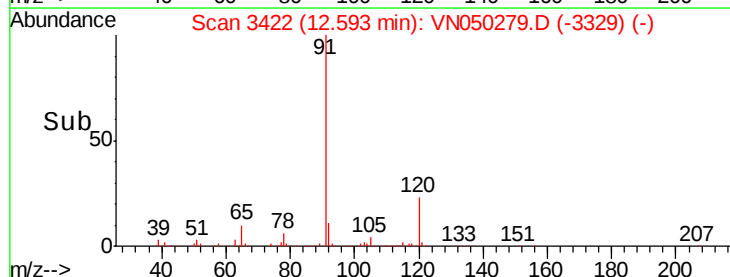
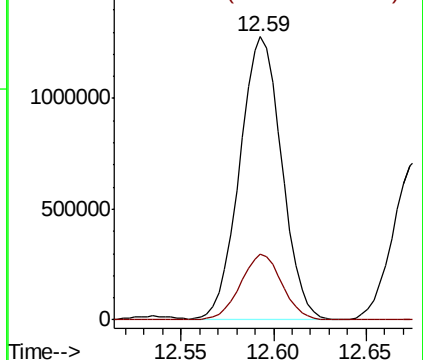
91 100

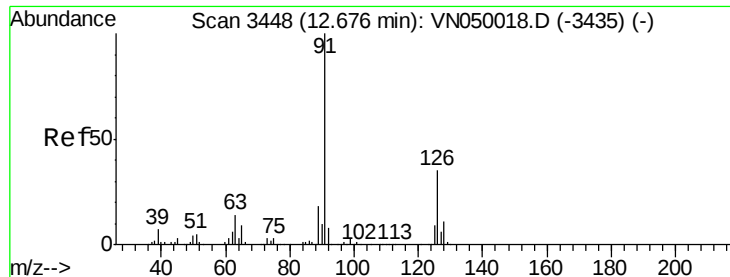
120 23.0 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.93 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN050279.D

Acq: 2 Aug 2018 21:59

Instrument :

MSVOA_N

ClientSampled :

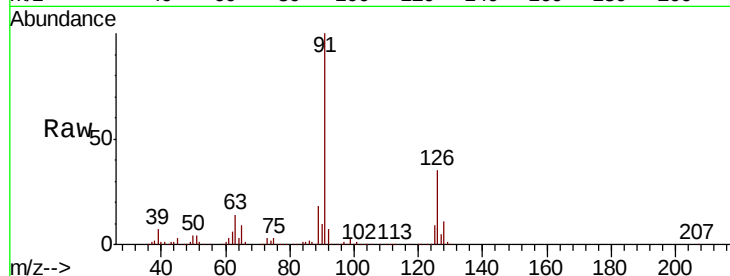
VSTDCCC050

Tot Ion: 91 Resp: 1208428

Ion Ratio Lower Upper

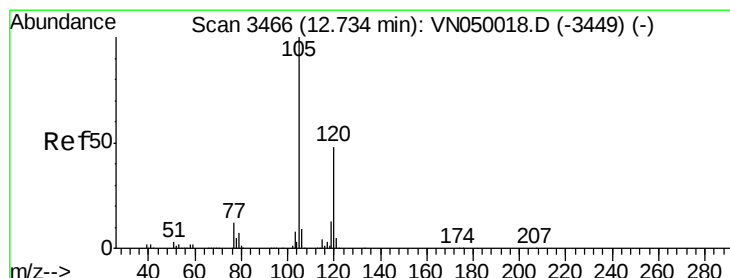
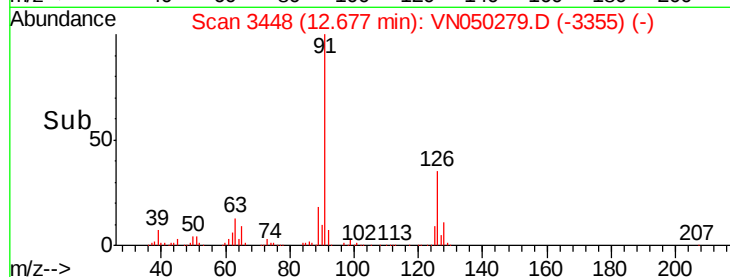
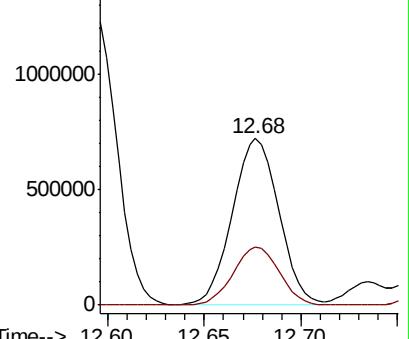
91 100

126 35.0 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN050018.D (-3435) (-)

Ion 125.90 (125.60 to 126.60): VN050018.D (-3435) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.58 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050279.D

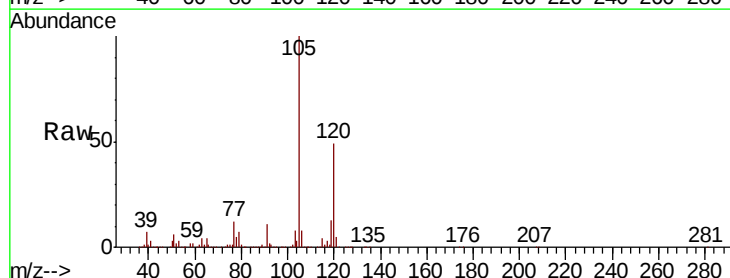
Acq: 2 Aug 2018 21:59

Tgt Ion:105 Resp: 1442029

Ion Ratio Lower Upper

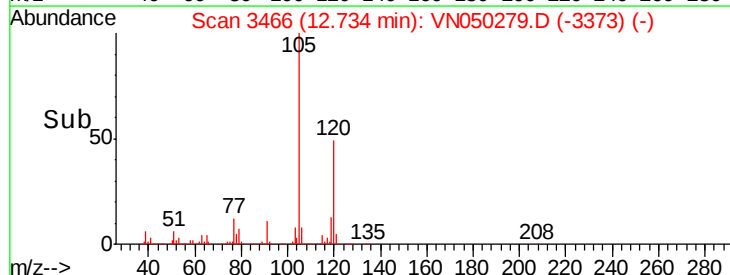
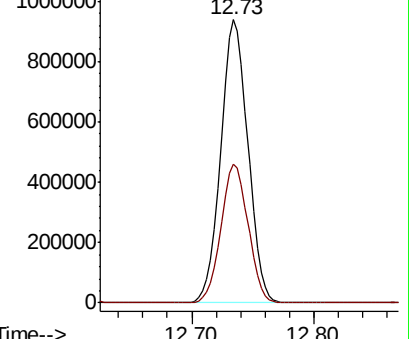
105 100

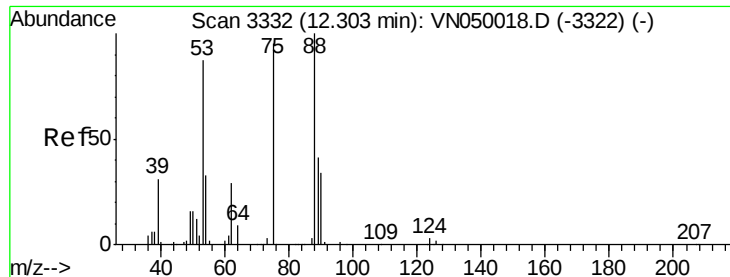
120 49.0 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VN050018.D (-3449) (-)

Ion 120.00 (119.70 to 120.70): VN050018.D (-3449) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 53.25 ug/l

RT: 12.30 min Scan# 3332

Delta R.T. 0.00 min

Lab File: VN050279.D

Acq: 2 Aug 2018 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

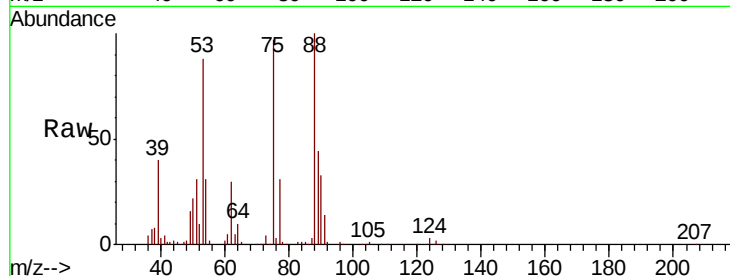
Tot Ion: 75 Resp: 135139

Ion Ratio Lower Upper

75 100

53 91.9 73.5 110.3

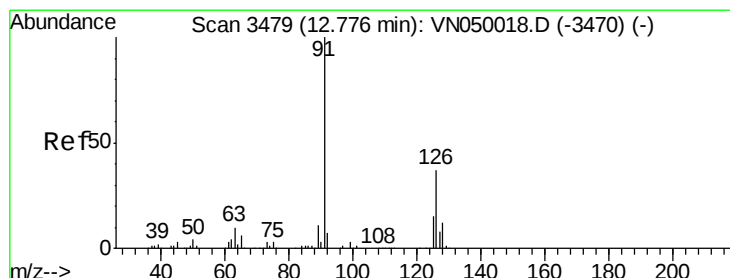
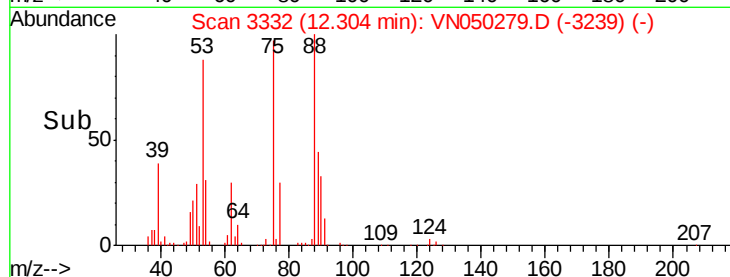
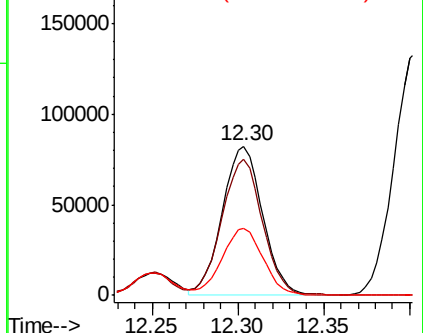
89 45.2 36.0 54.0



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: 52.47 ug/l

RT: 12.78 min Scan# 3479

Delta R.T. 0.00 min

Lab File: VN050279.D

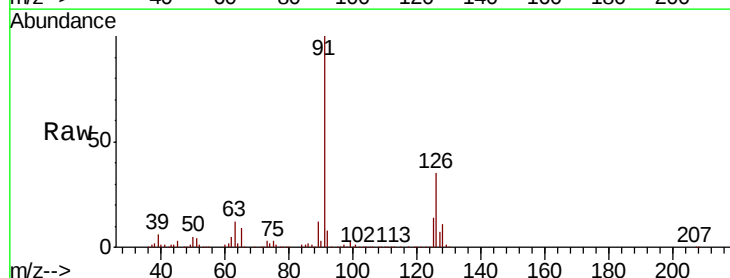
Acq: 2 Aug 2018 21:59

Tgt Ion: 91 Resp: 1209260

Ion Ratio Lower Upper

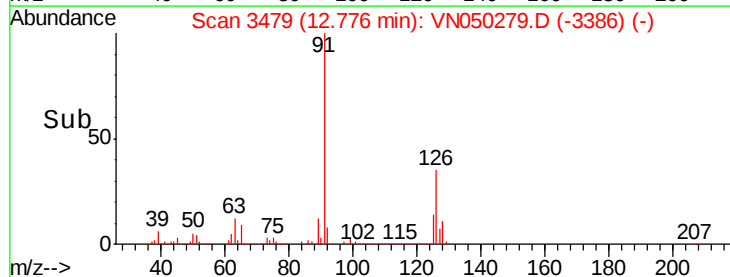
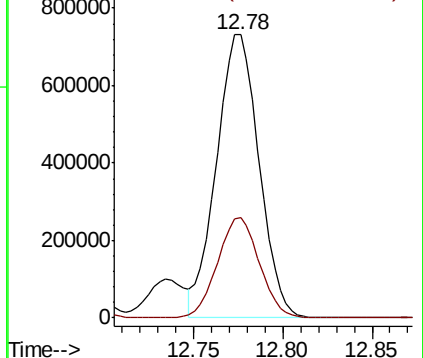
91 100

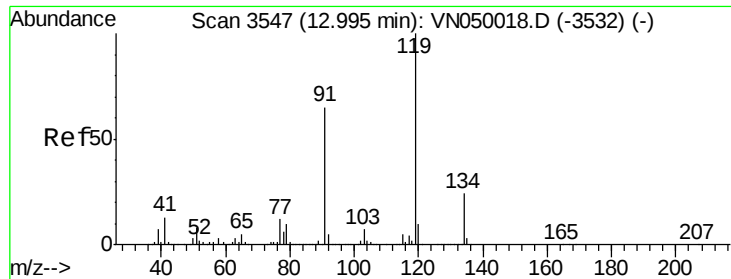
126 34.7 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

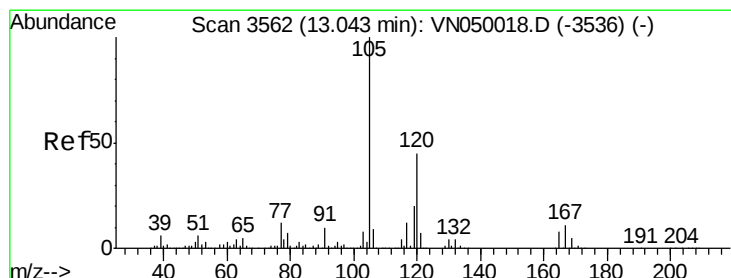
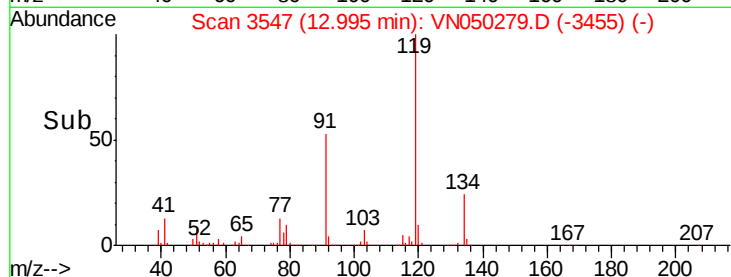
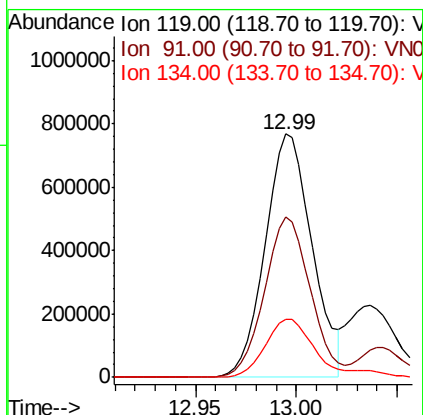
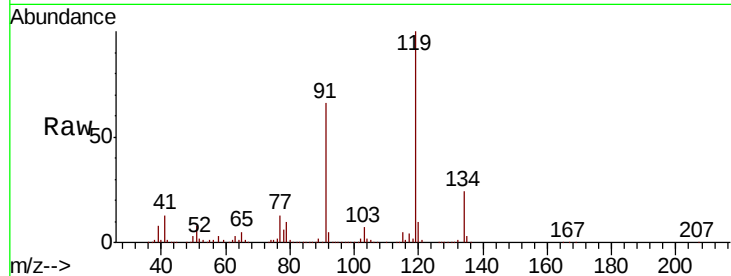




#83
 tert-Butylbenzene
 Concen: 53.90 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN050279.D
 Acq: 2 Aug 2018 21:59

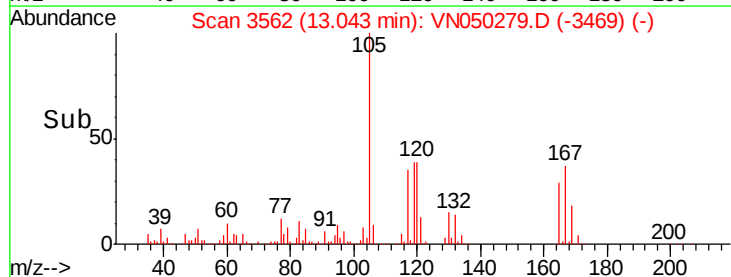
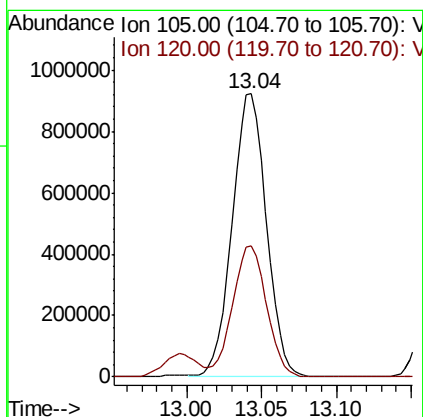
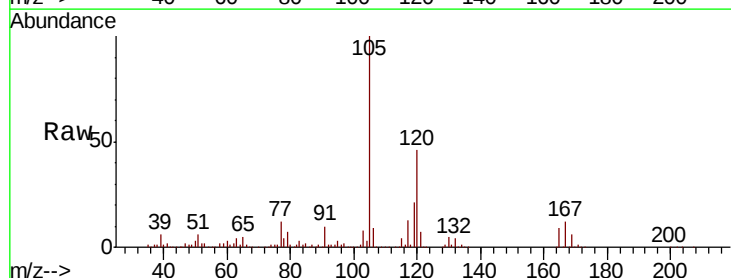
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

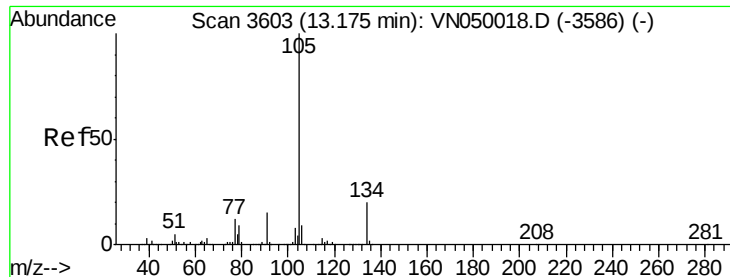
Tot Ion:119 Resp: 1242873
 Ion Ratio Lower Upper
 119 100
 91 63.9 32.1 96.3
 134 26.2 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 55.12 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN050279.D
 Acq: 2 Aug 2018 21:59

Tgt Ion:105 Resp: 1468009
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.9 68.7





#85

sec-Butylbenzene

Concen: 53.74 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN050279.D

Acq: 2 Aug 2018 21:59

Instrument :

MSVOA_N

ClientSampleId :

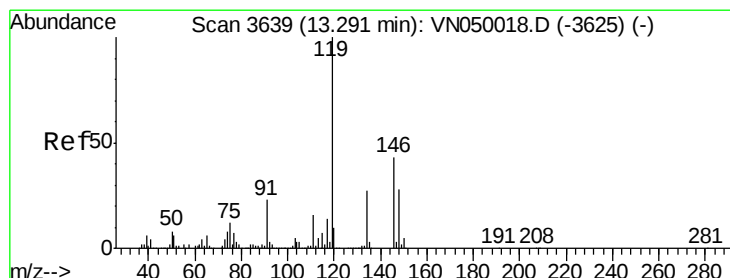
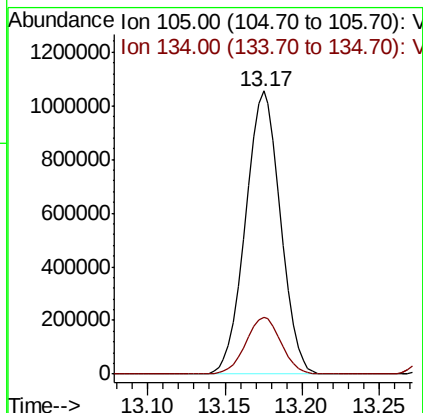
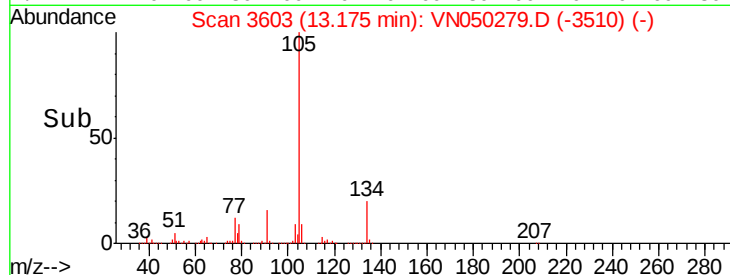
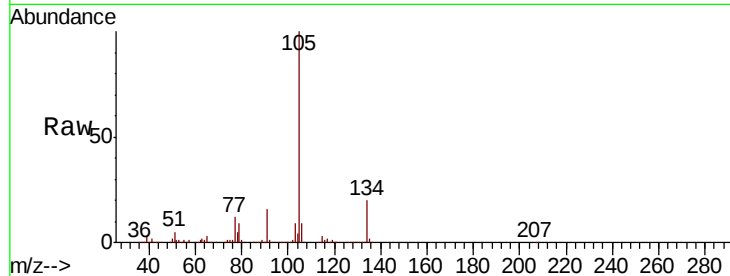
VSTDCCC050

Tot Ion:105 Resp: 1655624

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 55.58 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN050279.D

Acq: 2 Aug 2018 21:59

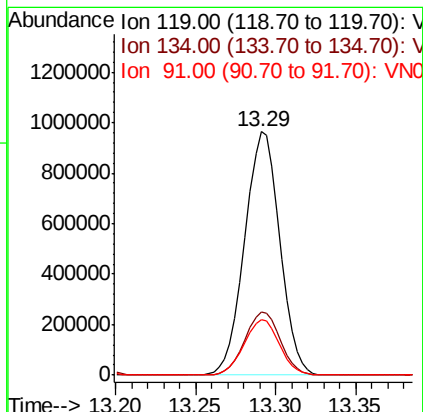
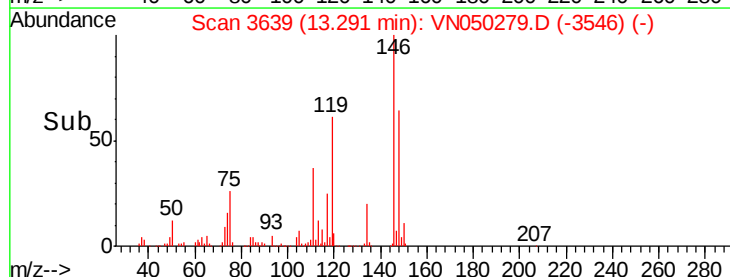
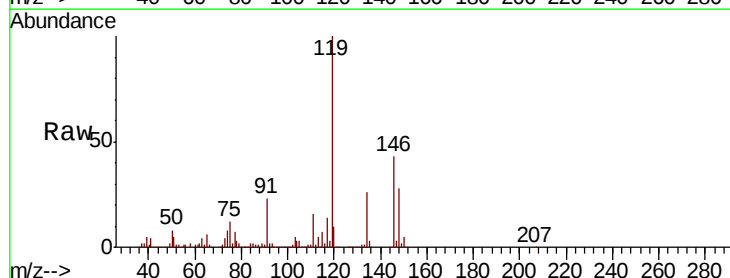
Tgt Ion:119 Resp: 1442801

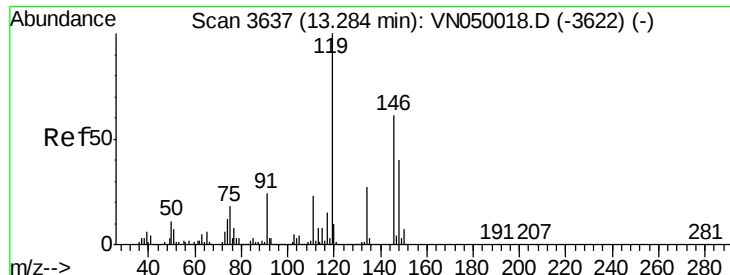
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 22.8 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 50.60 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. -0.00 min

Lab File: VN050279.D

Acq: 2 Aug 2018 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

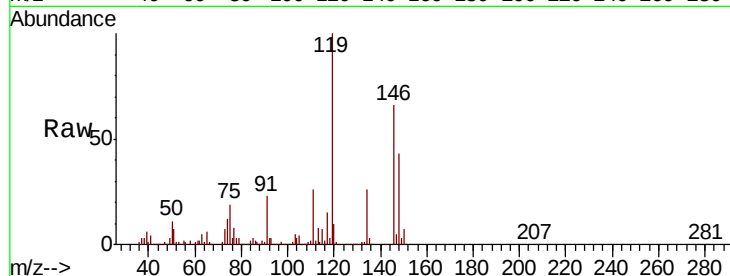
Tot Ion:146 Resp: 798600

Ion Ratio Lower Upper

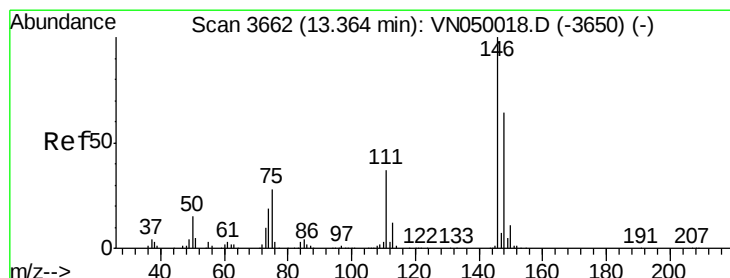
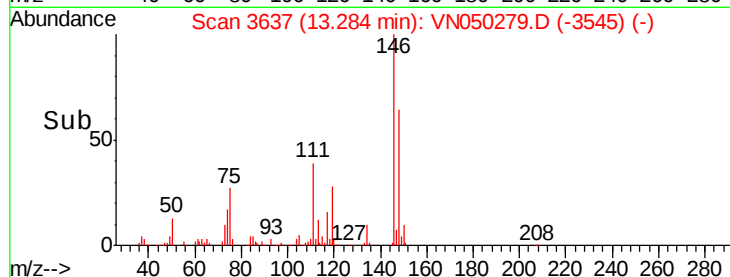
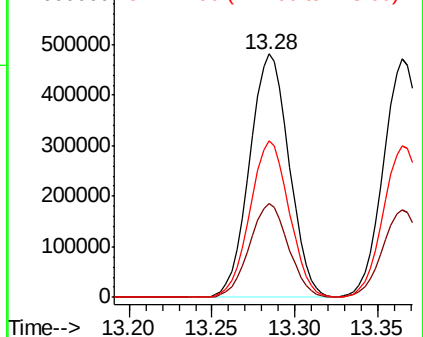
146 100

111 37.9 18.8 56.4

148 63.8 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 50.45 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. 0.00 min

Lab File: VN050279.D

Acq: 2 Aug 2018 21:59

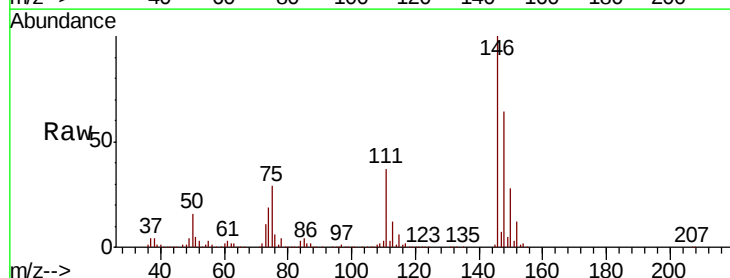
Tgt Ion:146 Resp: 776101

Ion Ratio Lower Upper

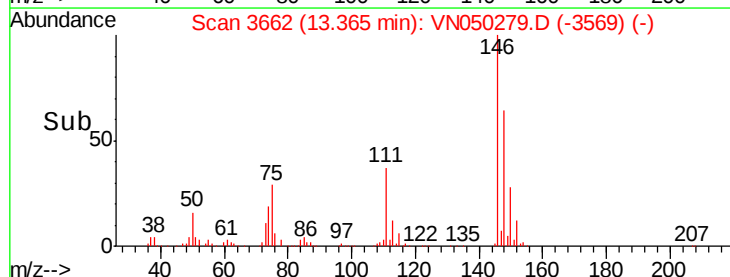
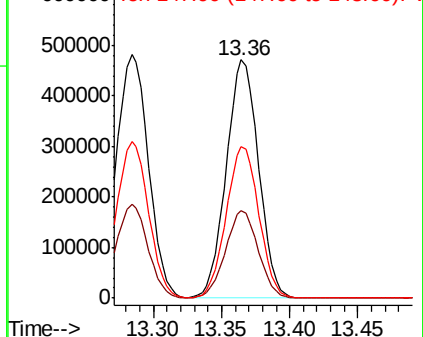
146 100

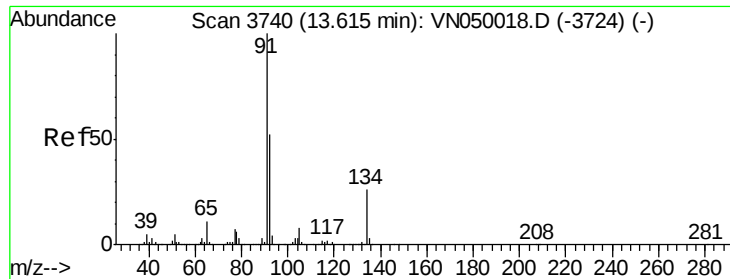
111 37.0 18.3 54.9

148 64.3 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

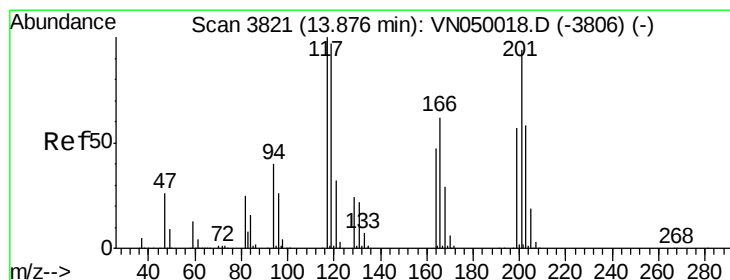
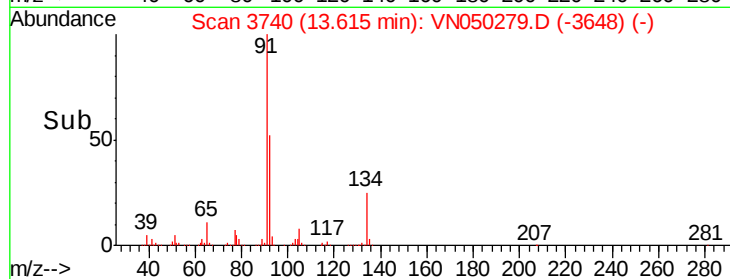
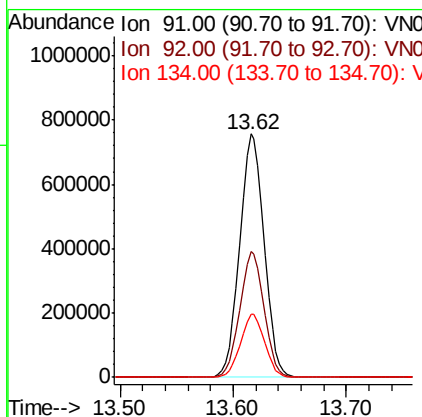
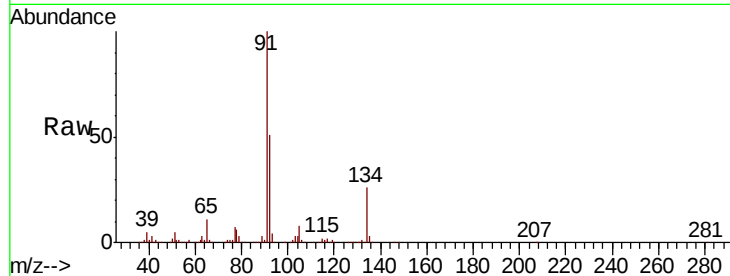




#89
n-Butylbenzene
Concen: 53.26 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN050279.D
Acq: 2 Aug 2018 21:59

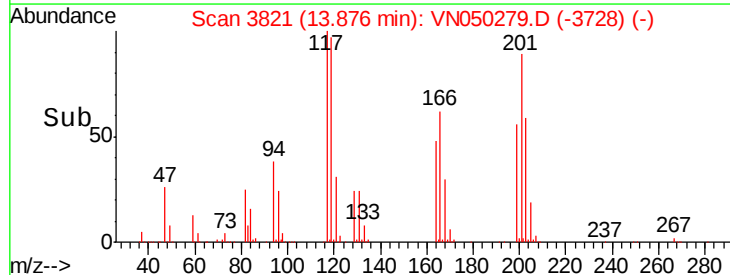
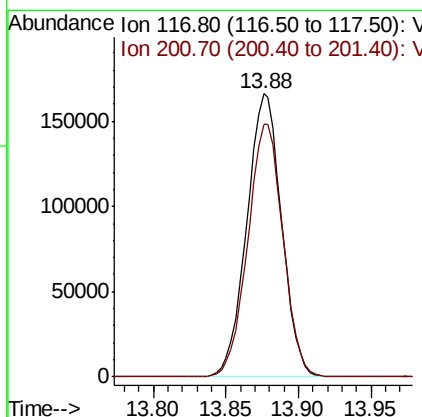
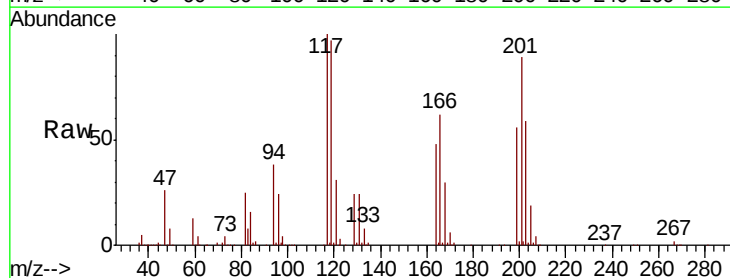
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

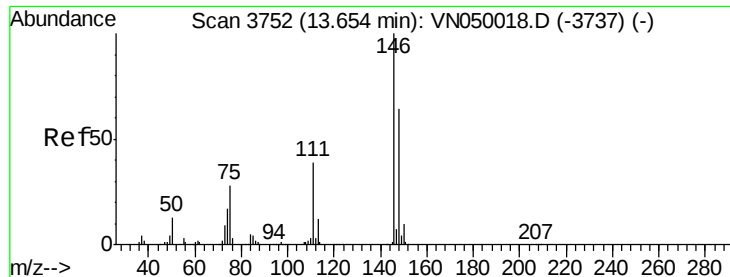
Tot Ion: 91 Resp: 1136943
Ion Ratio Lower Upper
91 100
92 51.2 25.8 77.4
134 25.7 12.8 38.4



#90
Hexachloroethane
Concen: 48.06 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN050279.D
Acq: 2 Aug 2018 21:59

Tgt Ion: 117 Resp: 277068
Ion Ratio Lower Upper
117 100
201 90.2 45.6 136.8

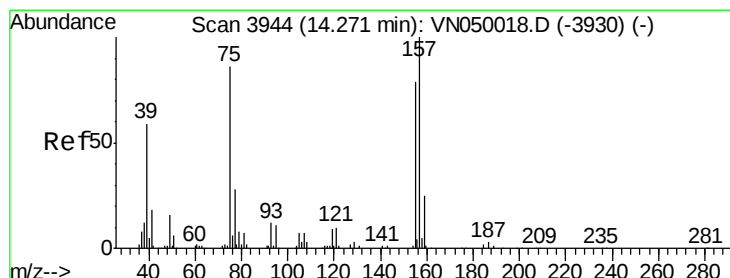
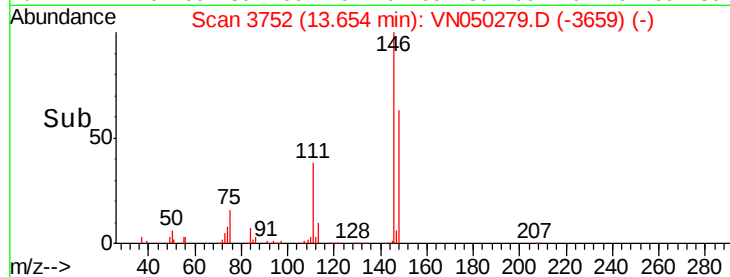
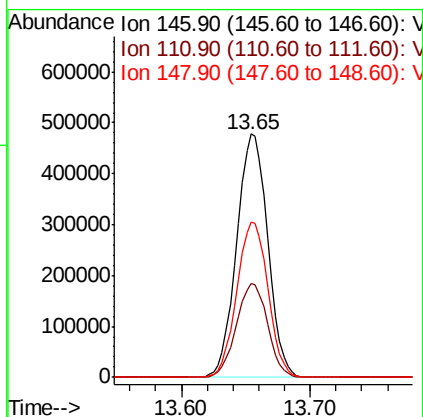
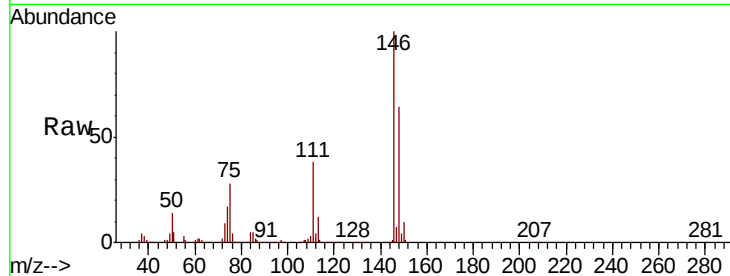




#91
 1,2-Dichlorobenzene
 Concen: 50.72 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. 0.00 min
 Lab File: VN050279.D
 Acq: 2 Aug 2018 21:59

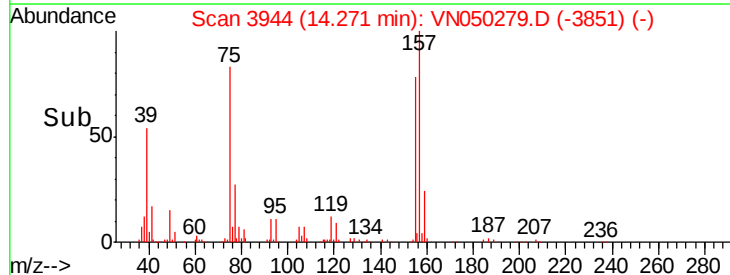
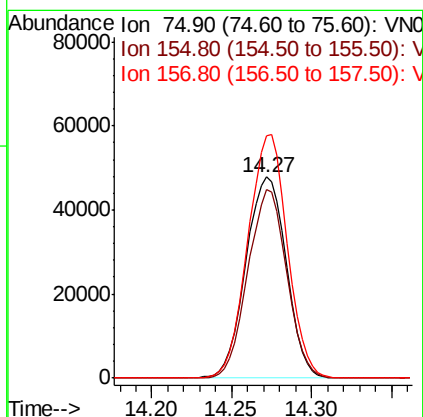
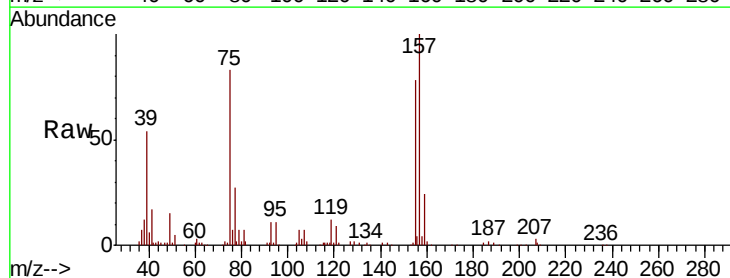
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

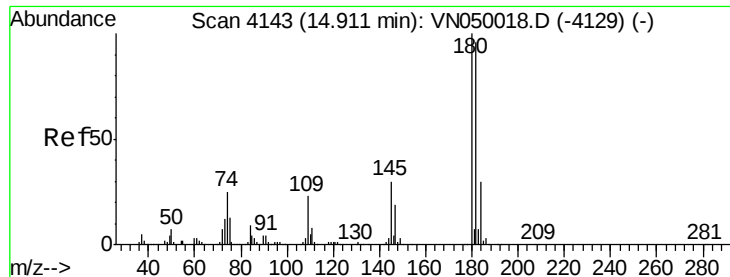
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.6	58.7
148	64.2	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.35 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN050279.D
 Acq: 2 Aug 2018 21:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.0	44.8	134.4
157	118.0	57.2	171.6

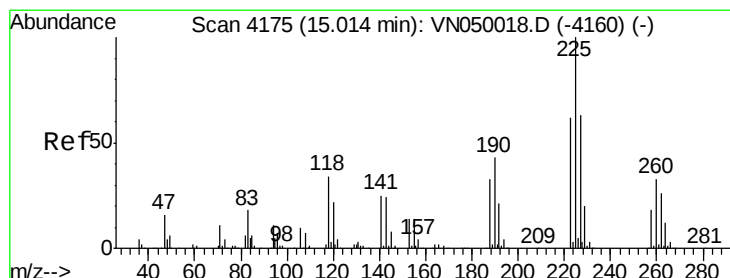
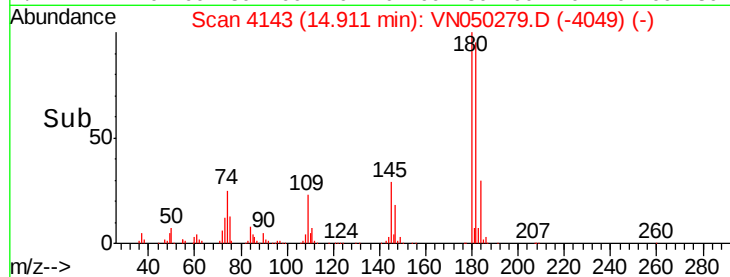
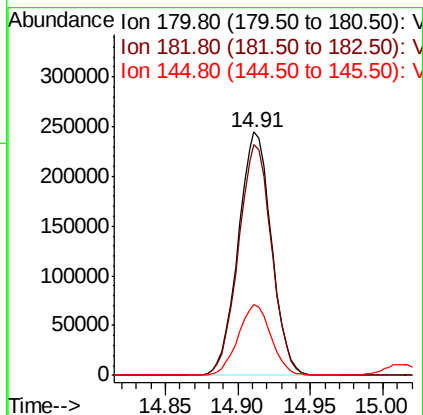
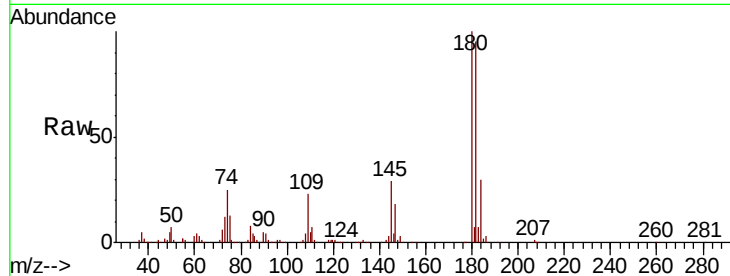




#93
 1,2,4-Trichlorobenzene
 Concen: 46.71 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050279.D
 Acq: 2 Aug 2018 21:59

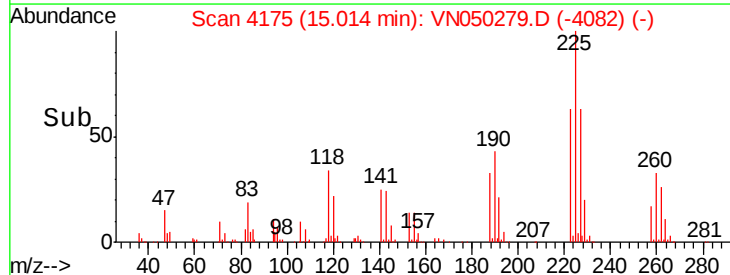
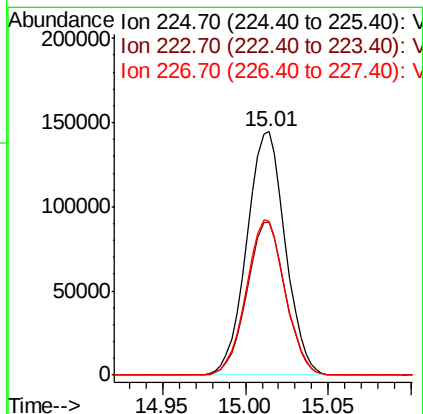
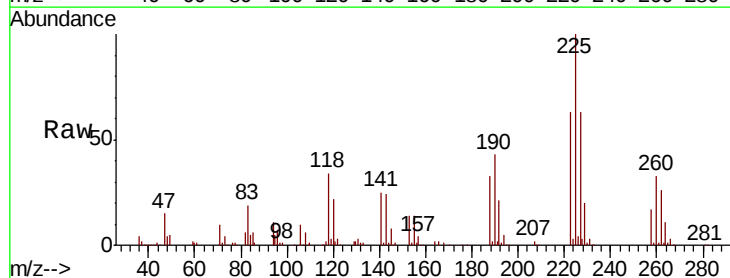
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

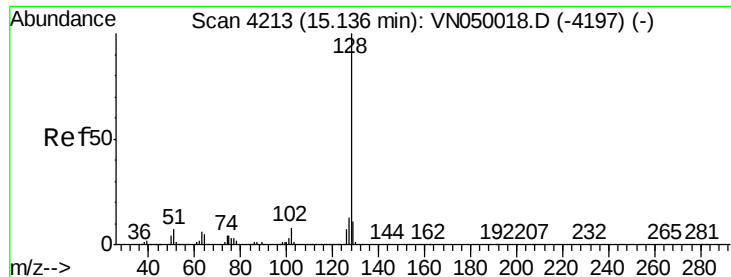
Tot Ion:180 Resp: 389022
 Ion Ratio Lower Upper
 180 100
 182 94.9 46.7 140.1
 145 28.9 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 48.26 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN050279.D
 Acq: 2 Aug 2018 21:59

Tgt Ion:225 Resp: 233063
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.4 94.2
 227 64.3 32.1 96.5





#95

Naphthalene

Concen: 46.87 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050279.D

Acq: 2 Aug 2018 21:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

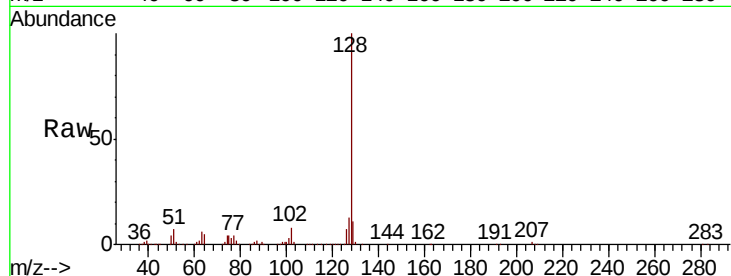
Tot Ion:128 Resp: 921066

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

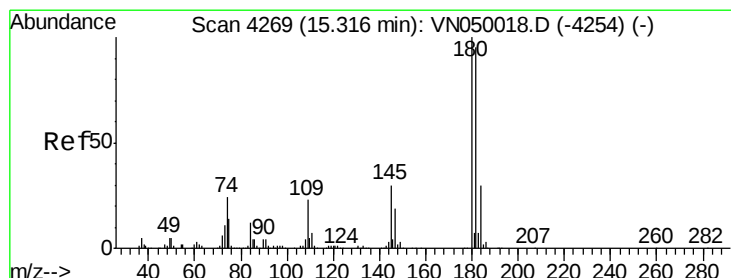
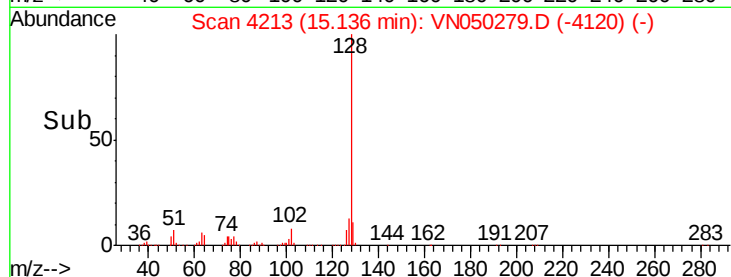
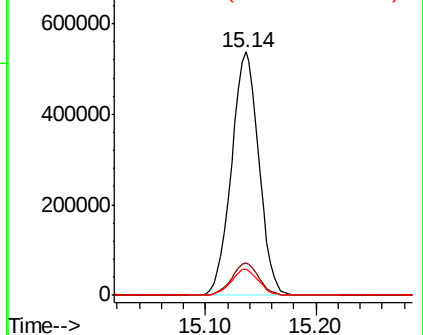
129 10.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.06 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. -0.00 min

Lab File: VN050279.D

Acq: 2 Aug 2018 21:59

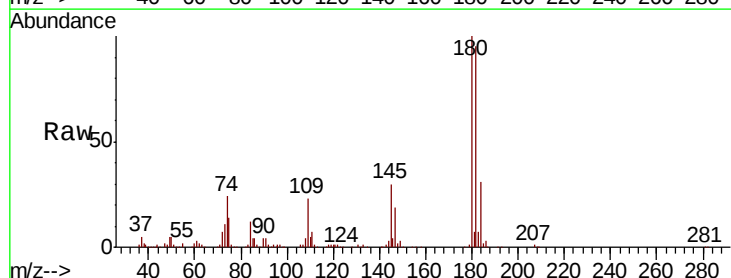
Tgt Ion:180 Resp: 399439

Ion Ratio Lower Upper

180 100

182 96.2 48.1 144.4

145 30.6 15.3 45.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

