

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
 Data File : VN050304.D
 Acq On : 3 Aug 2018 10:29
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: Aug 03 23:05:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N072518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 26 15:21:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	128134	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	691509	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	590778	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	262075	30.09	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.30%
60) 4-Bromofluorobenzene	12.40	95	269943	29.74	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.13%
63) Toluene-d8	10.09	98	855133	30.30	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.00%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.85	85	158575	17.96	ug/l	97
3) Chloromethane	2.06	50	143610	15.77	ug/l	99
4) Vinyl Chloride	2.18	62	161247	16.64	ug/l	96
5) Bromomethane	2.56	94	23936	4.05	ug/l	99
6) Chloroethane	2.70	64	97364	16.99	ug/l	99
7) Trichlorofluoromethane	3.01	101	233178	18.41	ug/l	98
8) Diethyl Ether	3.41	74	79627	18.74	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.75	101	145504	18.88	ug/l	99
10) 1,1-Dichloroethene	3.73	96	121318	17.76	ug/l	95
11) Methyl Iodide	3.95	142	16147	1.61	ug/l	100
12) Methyl Acetate	4.33	43	183614	23.46	ug/l	99
13) Acrolein	3.61	56	11264	23.29	ug/l	95
14) Acrylonitrile	4.99	53	251271	96.22	ug/l	97
15) Acetone	3.82	58	77945	112.31	ug/l	99
16) Carbon Disulfide	4.05	76	322959	15.45	ug/l	99
17) Allyl chloride	4.32	41	194653	18.04	ug/l	99
18) Methylene Chloride	4.55	84	145214	18.42	ug/l	99
19) trans-1,2-Dichloroethene	5.04	96	131621	18.00	ug/l	95
20) Diisopropyl ether	5.96	45	434909	19.66	ug/l	99
21) 1,1-Dichloroethane	5.85	63	262672	18.88	ug/l	99
22) cis-1,2-Dichloroethene	6.83	96	153246	18.89	ug/l	99
23) tert-Butyl Alcohol	4.80	59	60103	103.00	ug/l	100
24) Methyl tert-Butyl Ether	5.05	73	358840	19.26	ug/l	100
25) Chloroform	7.37	83	271101	19.25	ug/l	99
26) Cyclohexane	7.65	56	191155	17.29	ug/l #	99
29) 1,1-Dichloropropene	7.79	75	188113	17.53	ug/l	100
30) 2-Butanone	6.84	43	325818	96.75	ug/l	99
31) 2,2-Dichloropropane	6.82	77	222136	18.73	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	228529	18.09	ug/l	99
33) Carbon Tetrachloride	7.77	117	198055	17.59	ug/l	99
34) Benzene	8.04	78	581567	17.84	ug/l	100
35) Methacrylonitrile	7.17	41	69909	18.23	ug/l	97
36) 1,2-Dichloroethane	8.13	62	192253	17.97	ug/l	98
37) Trichloroethene	8.84	130	149780	17.52	ug/l	100
38) Methylcyclohexane	9.08	83	189702	16.77	ug/l	99
39) 1,2-Dichloropropane	9.12	63	159369	18.56	ug/l	99
40) Dibromomethane	9.21	93	95511	18.00	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
 Data File : VN050304.D
 Acq On : 3 Aug 2018 10:29
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: Aug 03 23:05:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N072518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 26 15:21:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	205492	18.36	ug/l	97
42) Vinyl Acetate	5.90	43	1361386	85.91	ug/l	99
43) Ethyl Acetate	6.93	43	130097	18.50	ug/l #	91
44) Isopropyl Acetate	8.17	43	268107	20.58	ug/l #	90
45) 1,4-Dioxane	9.20	88	33462	390.36	ug/l	100
46) Methyl methacrylate	9.20	41	118861	18.82	ug/l	98
47) n-amyl Acetate	12.07	43	173825	17.15	ug/l	100
48) t-1,3-Dichloropropene	10.38	75	195052	18.28	ug/l	97
49) cis-1,3-Dichloropropene	9.84	75	222243	17.73	ug/l	99
50) 1,1,2-Trichloroethane	10.56	97	140516	18.45	ug/l	98
51) Ethyl methacrylate	10.43	69	165287	17.88	ug/l	98
52) 1,3-Dichloropropane	10.71	76	229314	18.33	ug/l	99
53) Dibromochloromethane	10.90	129	154702	17.90	ug/l	99
54) 1,2-Dibromoethane	11.01	107	134801	18.07	ug/l	99
55) 2-Chloroethyl vinyl ether	9.70	63	358844	85.76	ug/l	99
56) Bromoform	12.13	173	105396	17.27	ug/l	98
58) 4-Methyl-2-Pentanone	9.99	43	686101	99.81	ug/l	99
59) 2-Hexanone	10.75	43	466509	99.47	ug/l	99
61) Tetrachloroethene	10.63	164	144867	18.10	ug/l	99
62) Toluene	10.16	91	628110	18.63	ug/l	99
64) Chlorobenzene	11.44	112	384968	18.83	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.51	131	152401	19.12	ug/l	99
66) Ethyl Benzene	11.51	91	634623	18.42	ug/l	99
67) m/p-Xylenes	11.62	106	497071	37.50	ug/l	100
68) o-Xylene	11.95	106	237853	18.86	ug/l	99
69) Styrene	11.97	104	377277	18.66	ug/l	99
70) Isopropylbenzene	12.25	105	638311	19.00	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.51	83	180243	19.54	ug/l	99
72) 1,2,3-Trichloropropane	12.55	75	203605	25.85	ug/l	52
73) Bromobenzene	12.53	156	165066	18.45	ug/l	98
74) n-propylbenzene	12.59	91	726887	18.58	ug/l	99
75) 2-Chlorotoluene	12.68	91	442885	18.85	ug/l	99
76) 1,3,5-Trimethylbenzene	12.73	105	523921	18.99	ug/l	99
77) t-1,4-Dichloro-2-butene	12.30	75	40046	15.55	ug/l	94
78) 4-Chlorotoluene	12.77	91	434360	18.65	ug/l	99
79) tert-butylbenzene	12.99	119	449990	19.08	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	526175	18.82	ug/l	100
81) sec-Butylbenzene	13.17	105	605504	18.90	ug/l	99
82) p-Isopropyltoluene	13.29	119	514732	18.83	ug/l	100
83) 1,3-Dichlorobenzene	13.28	146	283109	18.17	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	268795	18.26	ug/l	98
85) n-Butylbenzene	13.62	91	393179	17.72	ug/l	99
86) Hexachloroethane	13.88	117	93005	17.02	ug/l	96
87) 1,2-Dichlorobenzene	13.65	146	288447	18.94	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.27	75	27090	18.86	ug/l	96
89) 1,2,4-Trichlorobenzene	14.91	180	121293	16.67	ug/l	98
90) Hexachlorobutadiene	15.01	225	90274	18.82	ug/l	98
91) Naphthalene	15.14	128	244880	18.38	ug/l	99
92) 1,2,3-Trichlorobenzene	15.32	180	130769	17.68	ug/l	100

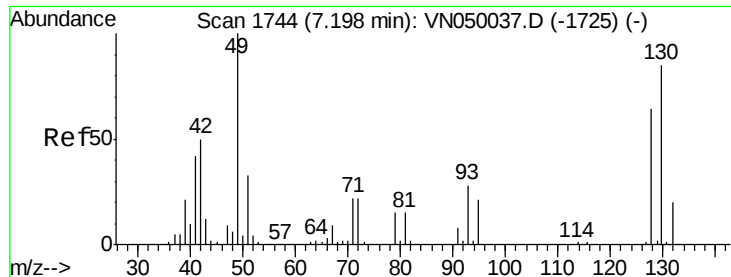
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
Data File : VN050304.D
Acq On : 3 Aug 2018 10:29
Operator : MD\SY
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Quant Time: Aug 03 23:05:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N072518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jul 26 15:21:50 2018
Response via : Initial Calibration

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

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



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.19 min Scan# 1743

Delta R.T. -0.00 min

Lab File: VN050304.D

Acq: 3 Aug 2018 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

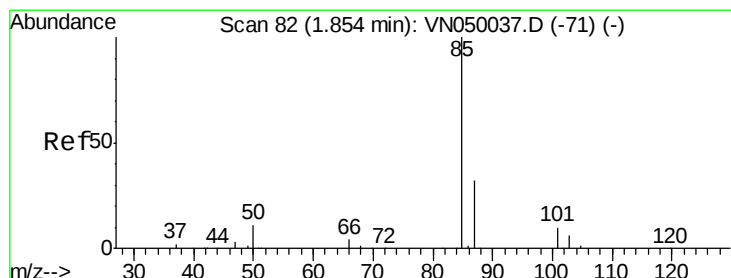
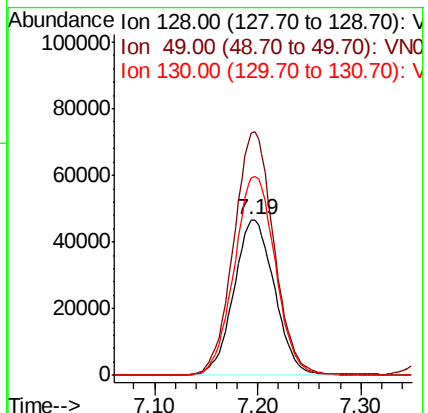
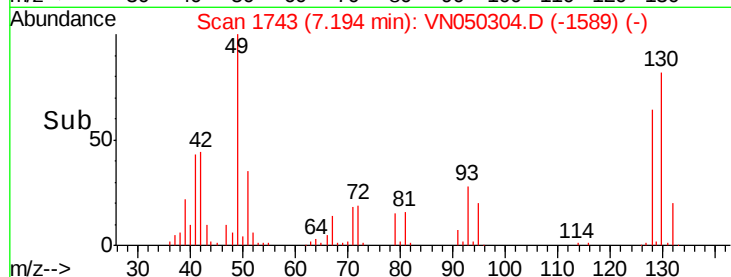
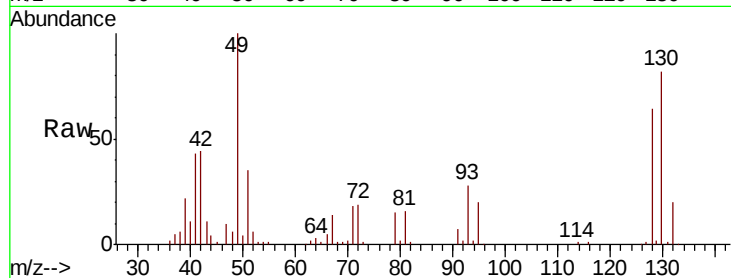
Tot Ion:128 Resp: 128134

Ion Ratio Lower Upper

128 100

49 154.4 0.0 378.3

130 129.1 0.0 320.7



#2

Dichlorodifluoromethane

Concen: 17.96 ug/l

RT: 1.85 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN050304.D

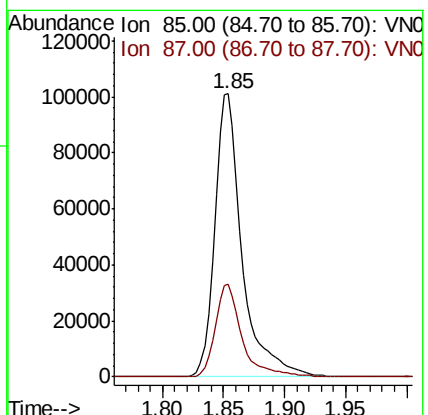
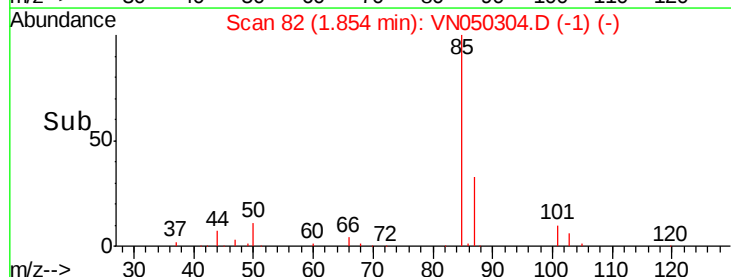
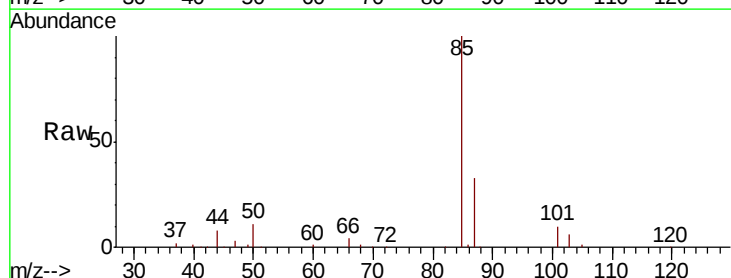
Acq: 3 Aug 2018 10:29

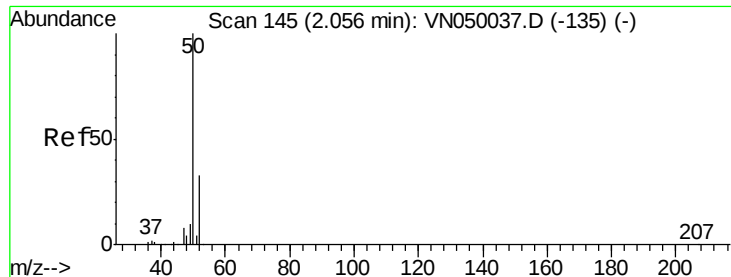
Tgt Ion: 85 Resp: 158575

Ion Ratio Lower Upper

85 100

87 32.6 15.4 46.4

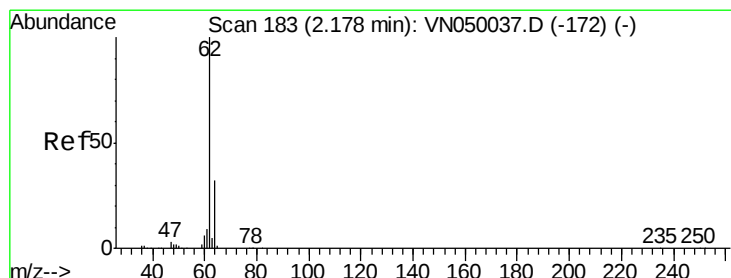
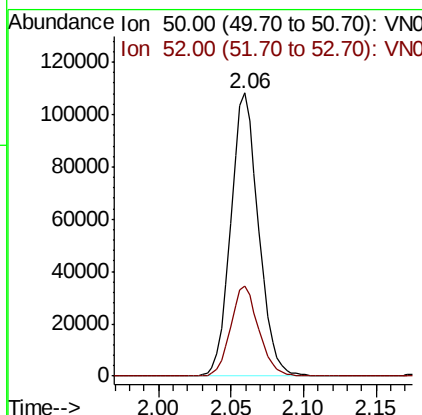
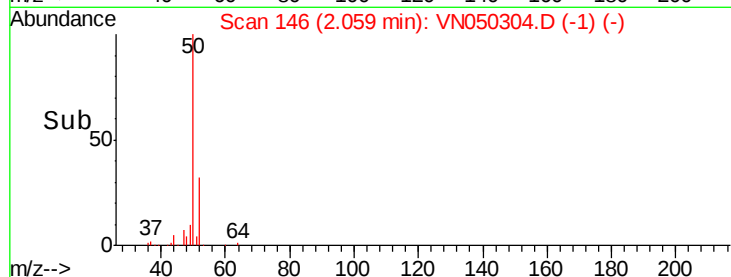
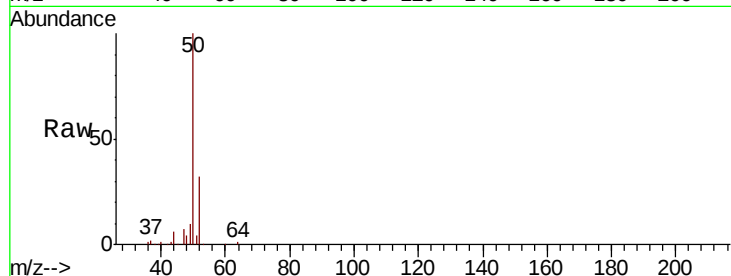




#3
Chloromethane
Concen: 15.77 ug/l
RT: 2.06 min Scan# 146
Delta R.T. 0.00 min
Lab File: VN050304.D
Acq: 3 Aug 2018 10:29

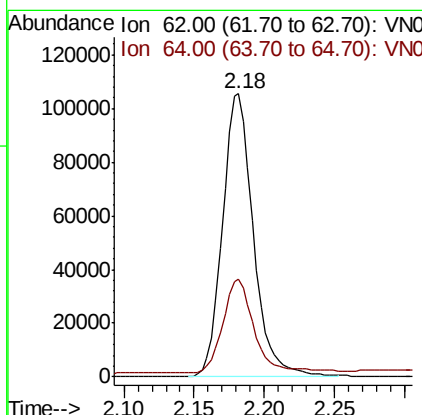
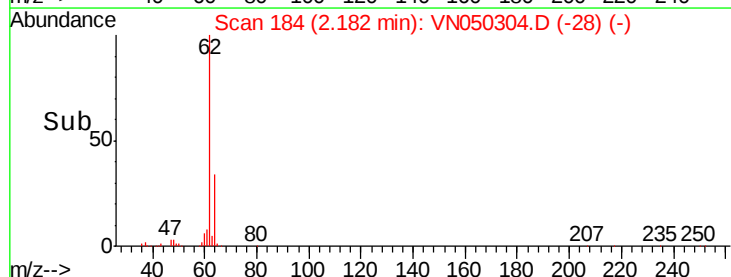
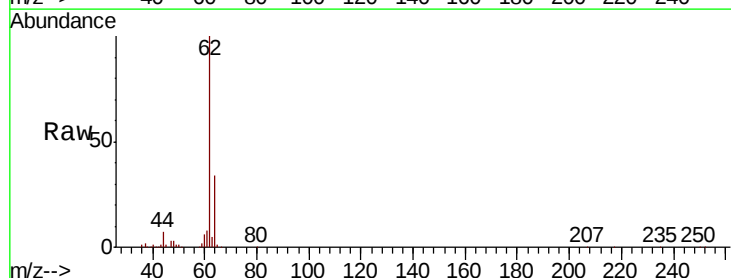
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion: 50 Resp: 143610
Ion Ratio Lower Upper
50 100
52 31.9 26.1 39.1



#4
Vinyl Chloride
Concen: 16.64 ug/l
RT: 2.18 min Scan# 184
Delta R.T. 0.00 min
Lab File: VN050304.D
Acq: 3 Aug 2018 10:29

Tgt Ion: 62 Resp: 161247
Ion Ratio Lower Upper
62 100
64 32.8 24.4 36.6





#5

Bromomethane

Concen: 4.05 ug/l

RT: 2.56 min Scan# 303

Delta R.T. -0.00 min

Lab File: VN050304.D

Acq: 3 Aug 2018 10:29

Instrument :

MSVOA_N

ClientSampled :

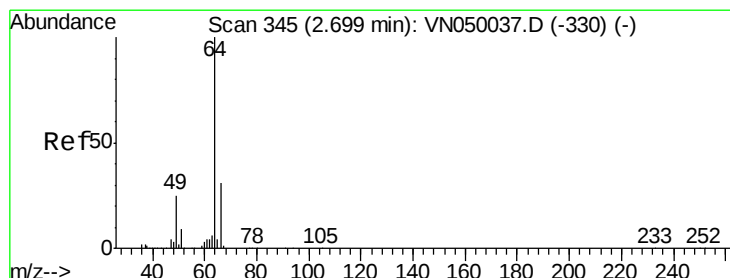
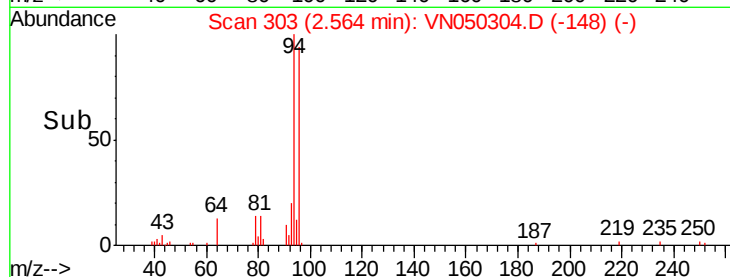
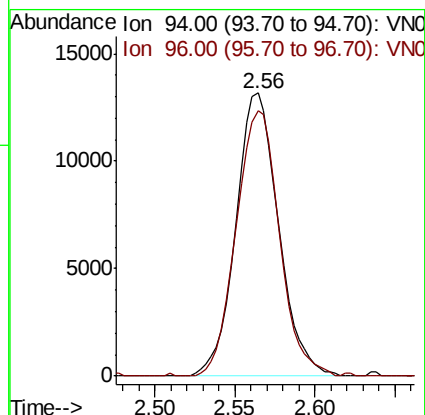
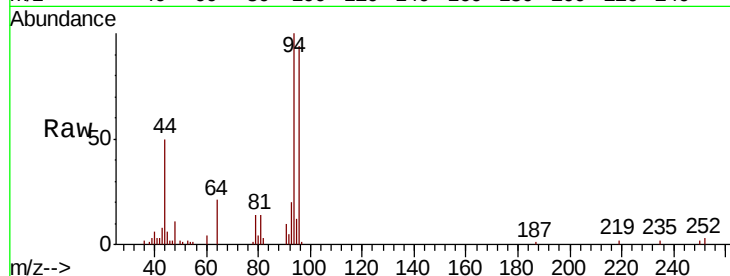
VSTDCCC020

Tot Ion: 94 Resp: 23936

Ion Ratio Lower Upper

94 100

96 93.8 75.9 113.9



#6

Chloroethane

Concen: 16.99 ug/l

RT: 2.70 min Scan# 345

Delta R.T. -0.00 min

Lab File: VN050304.D

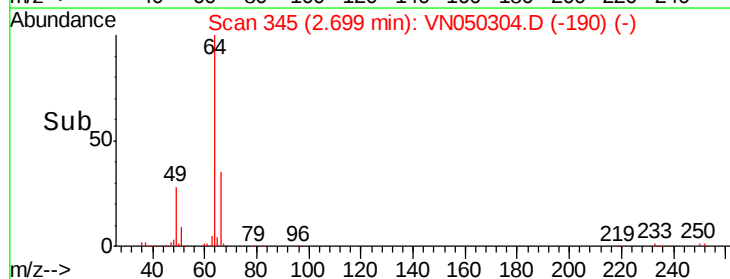
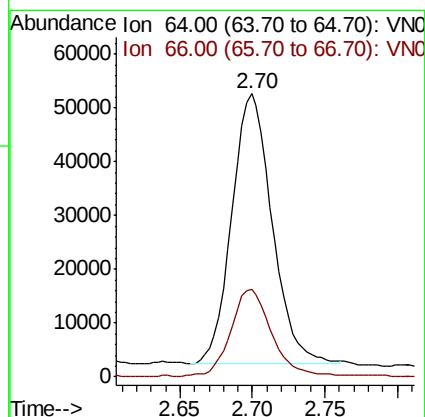
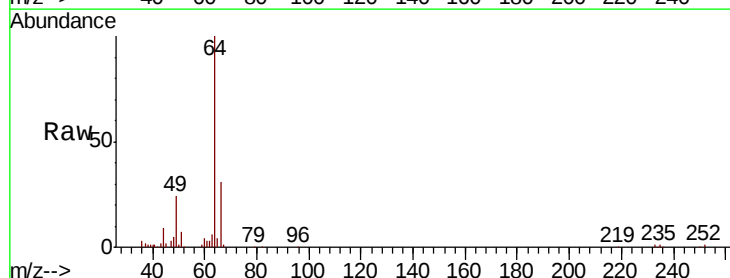
Acq: 3 Aug 2018 10:29

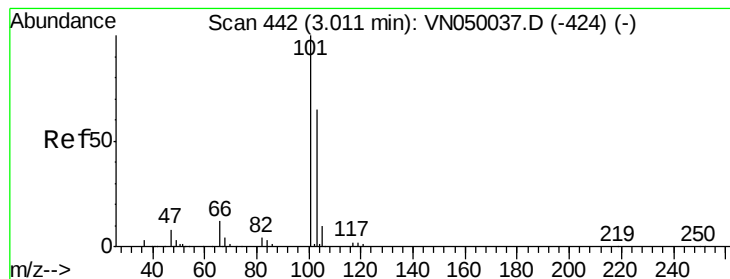
Tgt Ion: 64 Resp: 97364

Ion Ratio Lower Upper

64 100

66 31.6 25.0 37.4



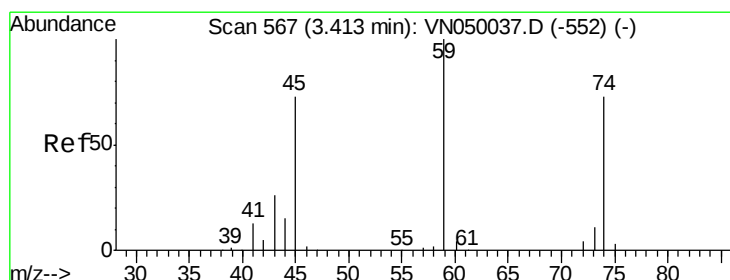
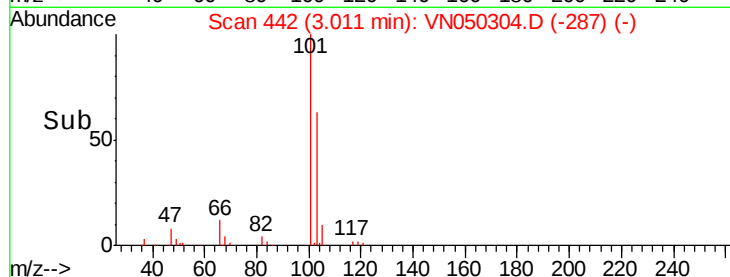
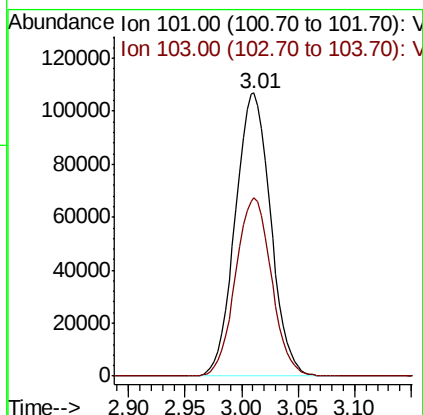
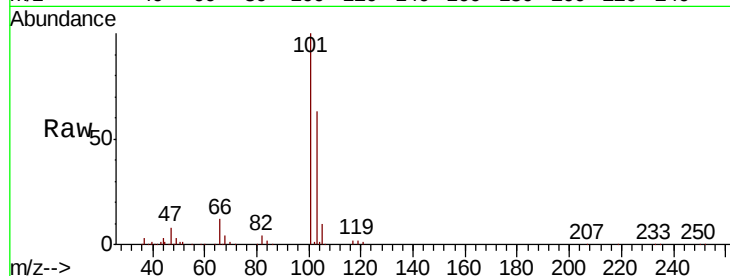


#7

Trichlorofluoromethane
 Concen: 18.41 ug/l
 RT: 3.01 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: VN050304.D
 Acq: 3 Aug 2018 10:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

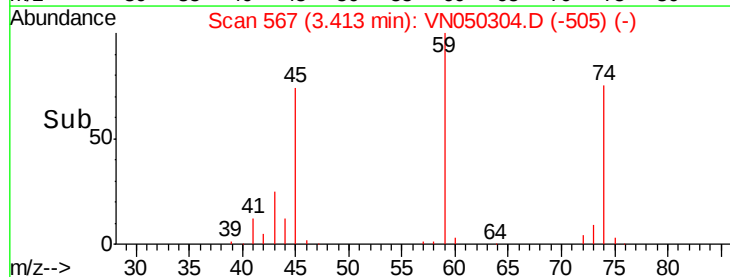
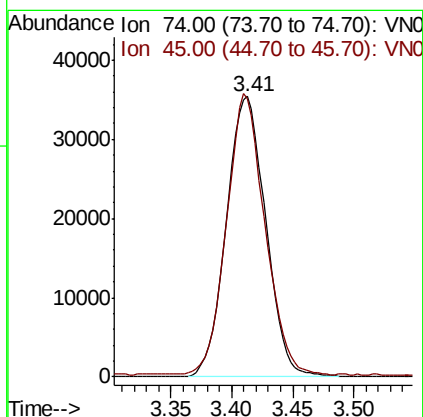
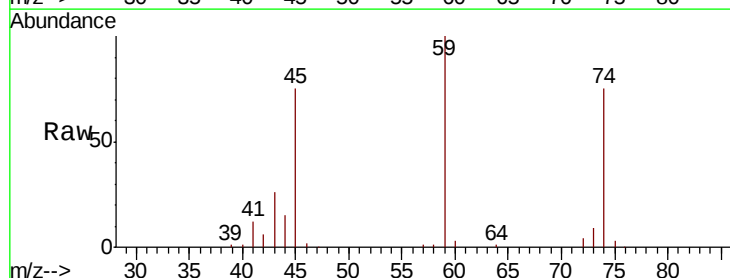
Tot Ion:101 Resp: 233178
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.5 77.3

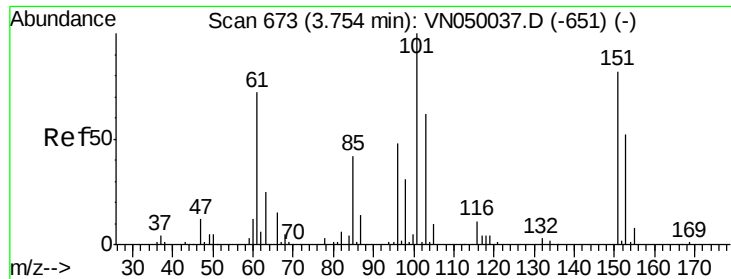


#8

Diethyl Ether
 Concen: 18.74 ug/l
 RT: 3.41 min Scan# 567
 Delta R.T. -0.00 min
 Lab File: VN050304.D
 Acq: 3 Aug 2018 10:29

Tgt Ion: 74 Resp: 79627
 Ion Ratio Lower Upper
 74 100
 45 97.7 18.7 167.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.88 ug/l

RT: 3.75 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN050304.D

Acq: 3 Aug 2018 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

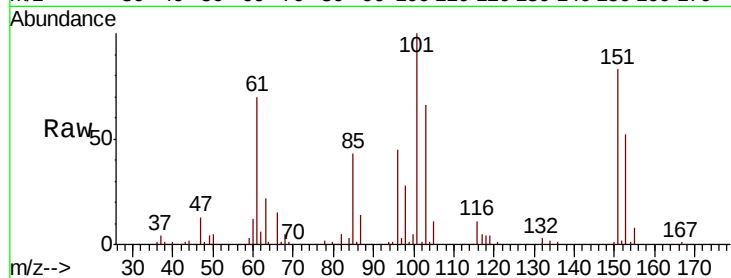
Tot Ion:101 Resp: 145504

Ion Ratio Lower Upper

101 100

85 42.8 0.0 83.0

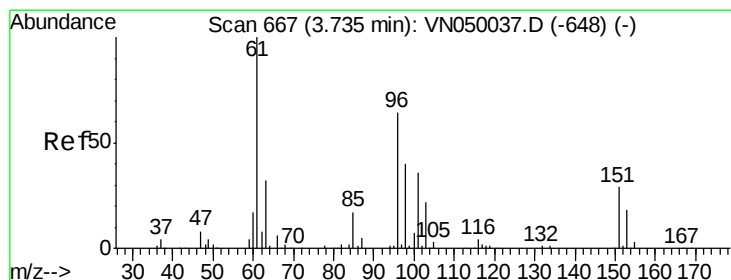
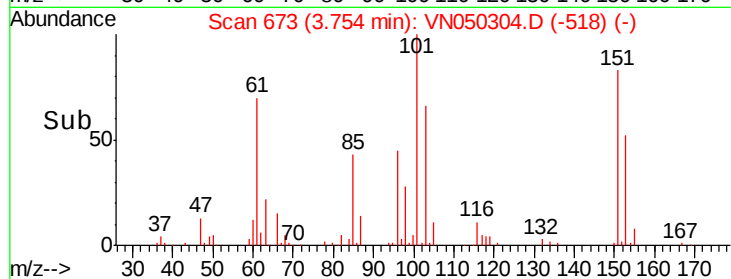
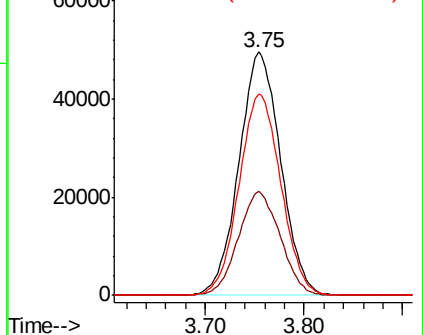
151 82.8 0.0 166.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 17.76 ug/l

RT: 3.73 min Scan# 666

Delta R.T. -0.00 min

Lab File: VN050304.D

Acq: 3 Aug 2018 10:29

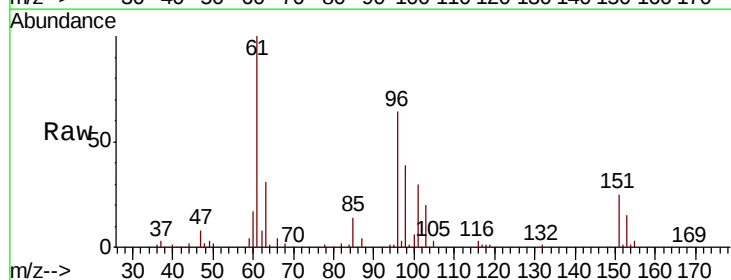
Tgt Ion: 96 Resp: 121318

Ion Ratio Lower Upper

96 100

61 157.3 130.6 195.8

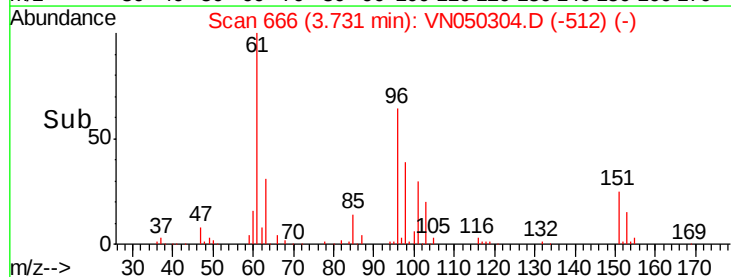
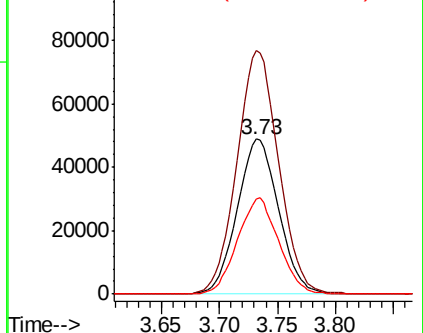
98 61.5 53.5 80.3

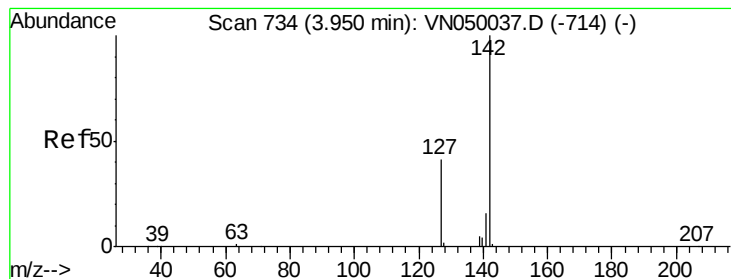


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN





#11

Methyl Iodide

Concen: 1.61 ug/l

RT: 3.95 min Scan# 734

Delta R.T. -0.00 min

Lab File: VN050304.D

Acq: 3 Aug 2018 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

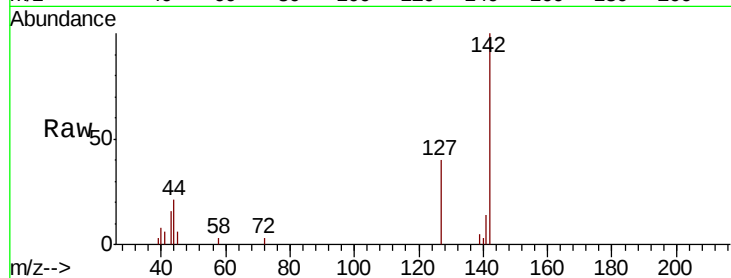
Tot Ion:142 Resp: 16147

Ion Ratio Lower Upper

142 100

127 40.2 20.2 60.5

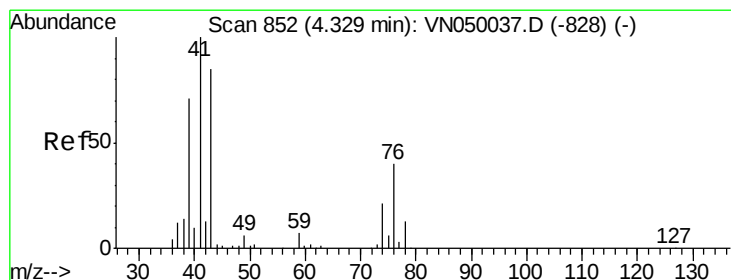
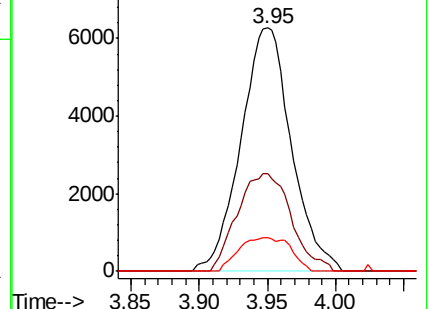
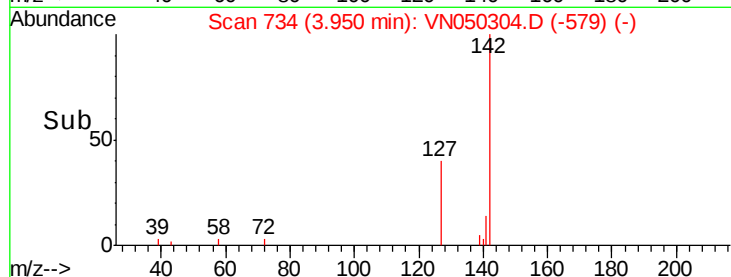
141 14.0 6.9 20.6



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 23.46 ug/l

RT: 4.33 min Scan# 852

Delta R.T. -0.00 min

Lab File: VN050304.D

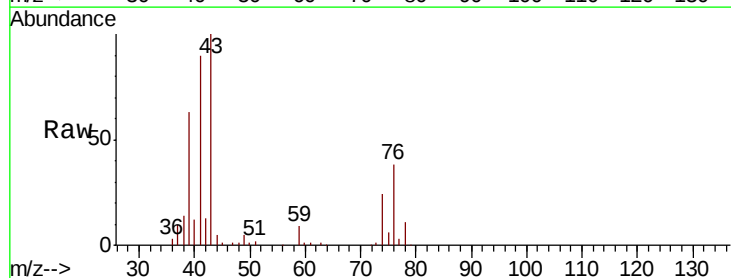
Acq: 3 Aug 2018 10:29

Tgt Ion: 43 Resp: 183614

Ion Ratio Lower Upper

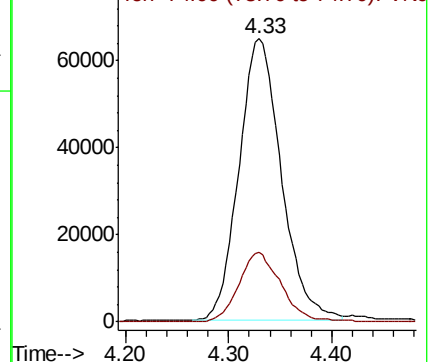
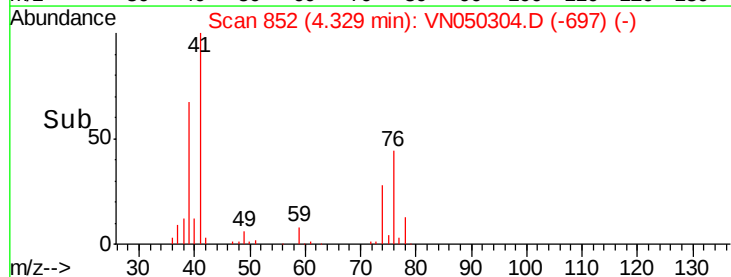
43 100

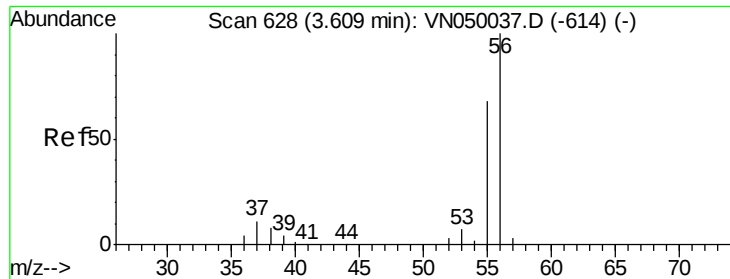
74 24.4 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 74.00 (73.70 to 74.70): V

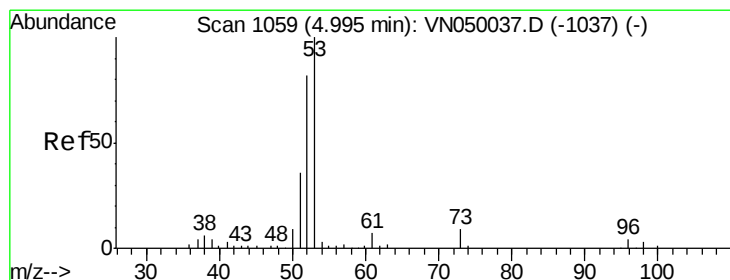
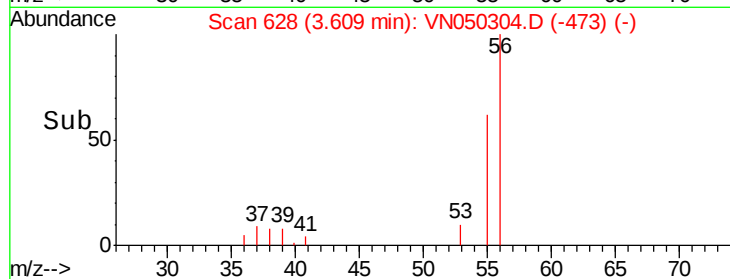
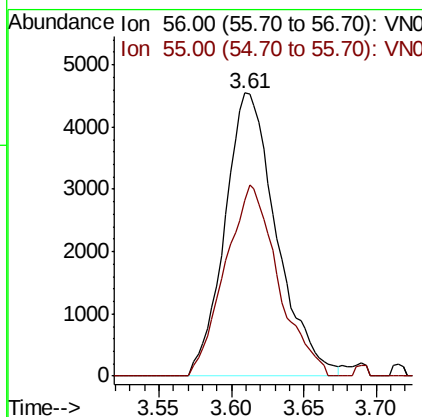
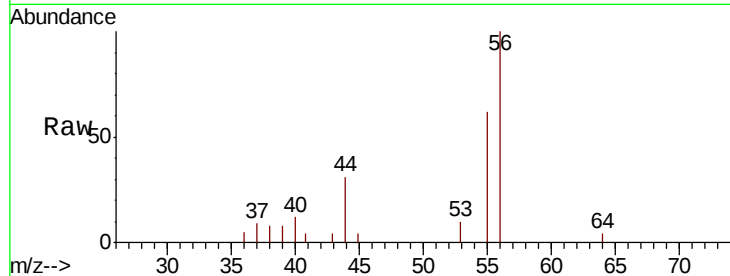




#13
Acrolein
Concen: 23.29 ug/l
RT: 3.61 min Scan# 628
Delta R.T. -0.00 min
Lab File: VN050304.D
Acq: 3 Aug 2018 10:29

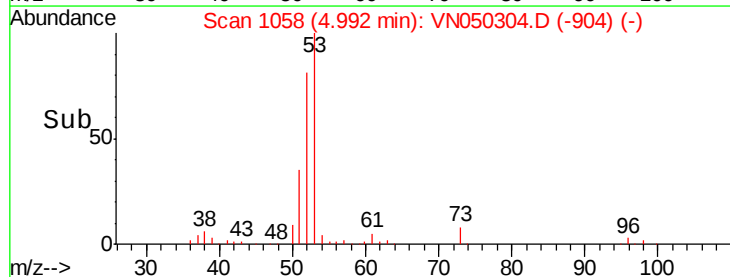
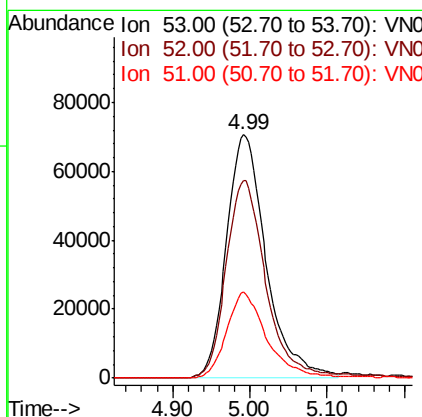
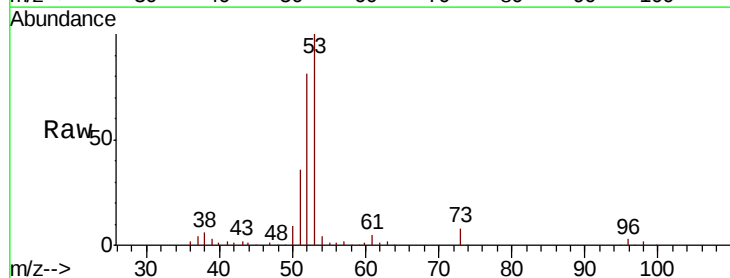
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

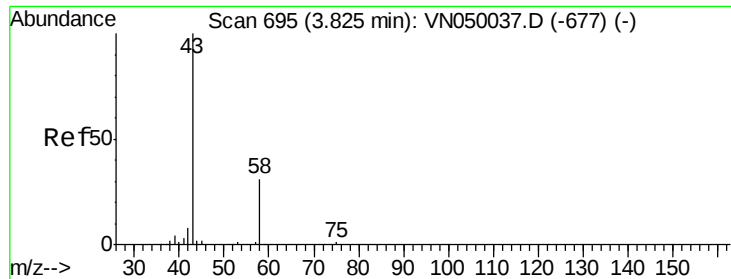
Tot Ion: 56 Resp: 11264
Ion Ratio Lower Upper
56 100
55 69.0 58.6 88.0



#14
Acrylonitrile
Concen: 96.22 ug/l
RT: 4.99 min Scan# 1058
Delta R.T. -0.00 min
Lab File: VN050304.D
Acq: 3 Aug 2018 10:29

Tgt Ion: 53 Resp: 251271
Ion Ratio Lower Upper
53 100
52 80.8 41.5 124.5
51 35.7 18.7 56.1





#15

Acetone

Concen: 112.31 ug/l

RT: 3.82 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN050304.D

Acq: 3 Aug 2018 10:29

Instrument :

MSVOA_N

ClientSampleId :

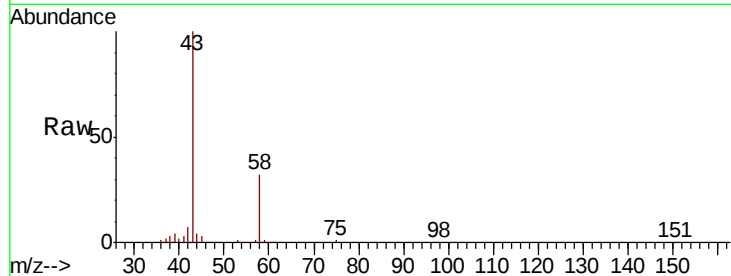
VSTDCCC020

Tot Ion: 58 Resp: 77945

Ion Ratio Lower Upper

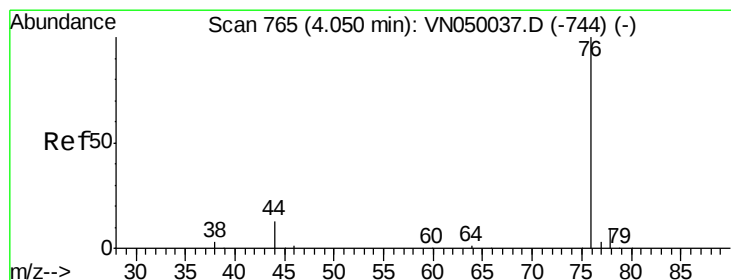
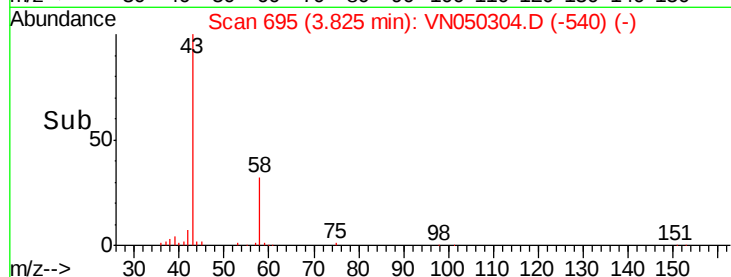
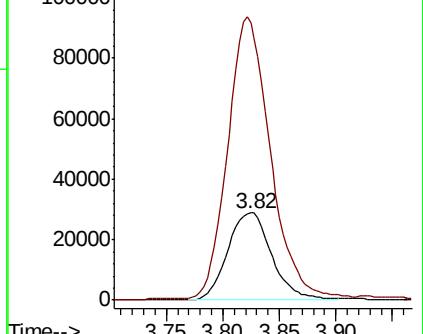
58 100

43 316.3 252.0 378.0



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 15.45 ug/l

RT: 4.05 min Scan# 765

Delta R.T. -0.00 min

Lab File: VN050304.D

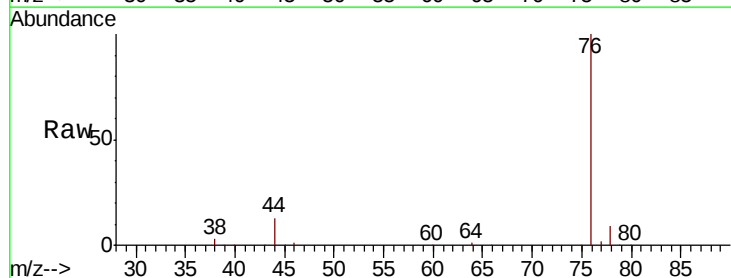
Acq: 3 Aug 2018 10:29

Tgt Ion: 76 Resp: 322959

Ion Ratio Lower Upper

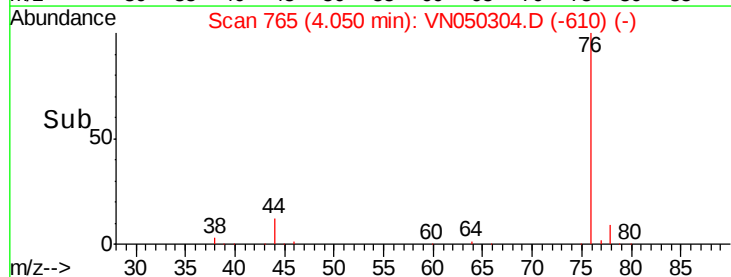
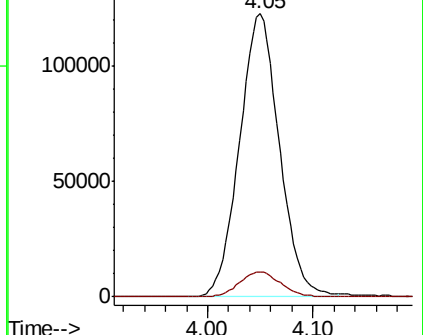
76 100

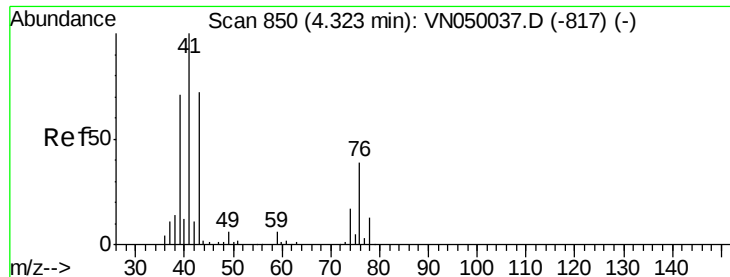
78 8.7 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0

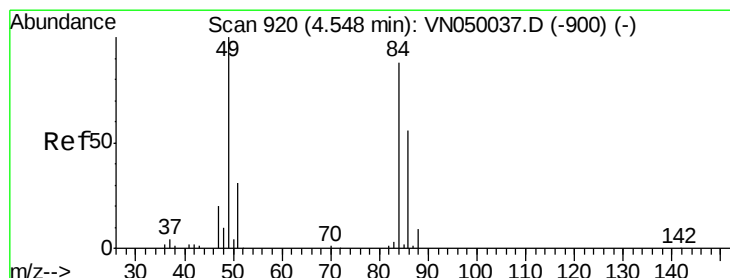
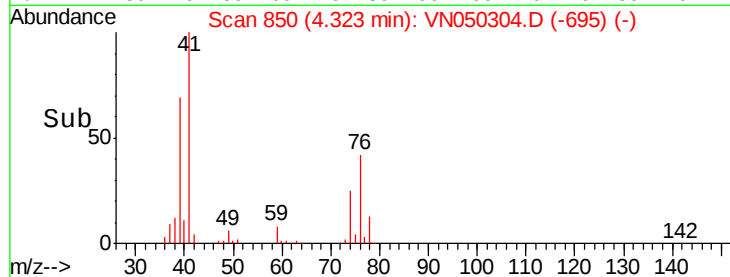
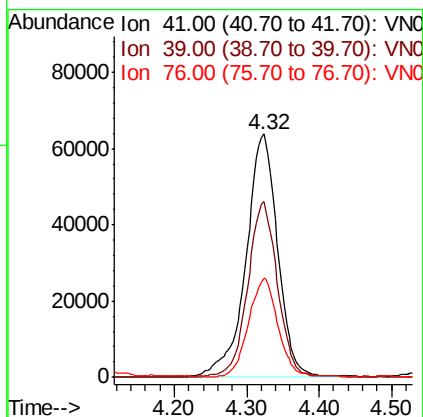
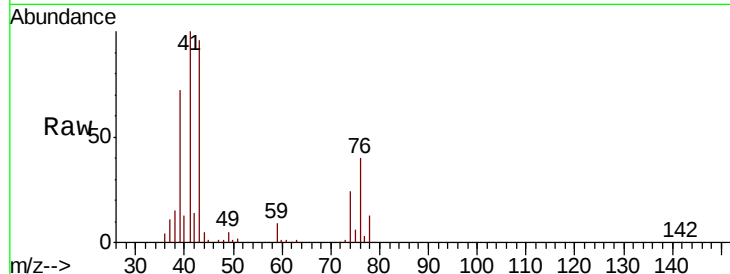




#17
Allvl chloride
Concen: 18.04 ug/l
RT: 4.32 min Scan# 850
Delta R.T. -0.00 min
Lab File: VN050304.D
Acq: 3 Aug 2018 10:29

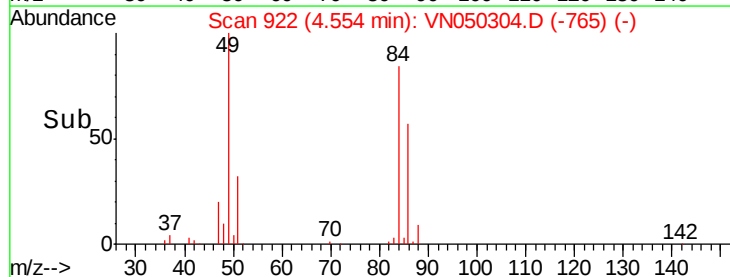
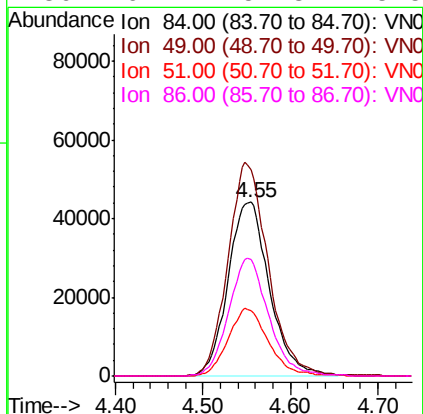
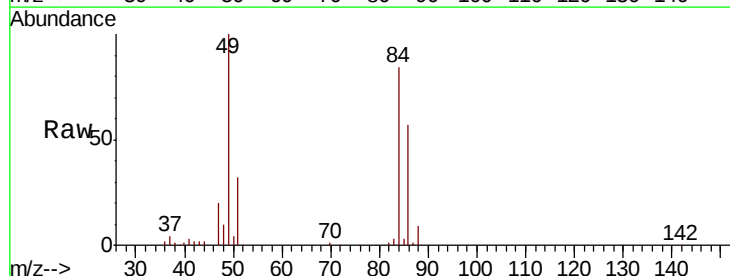
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

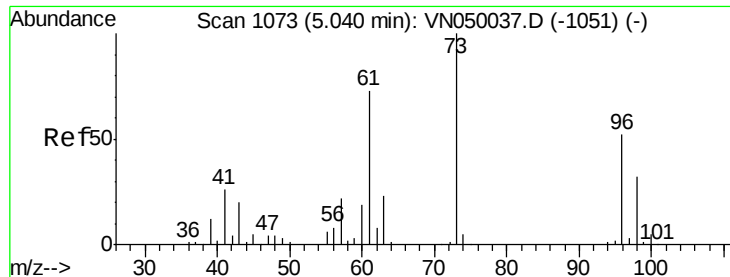
Tot Ion: 41 Resp: 194653
Ion Ratio Lower Upper
41 100
39 72.2 35.4 106.3
76 40.0 19.7 59.1



#18
Methylene Chloride
Concen: 18.42 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.01 min
Lab File: VN050304.D
Acq: 3 Aug 2018 10:29

Tgt Ion: 84 Resp: 145214
Ion Ratio Lower Upper
84 100
49 118.1 95.1 142.7
51 37.4 28.8 43.2
86 67.2 52.3 78.5

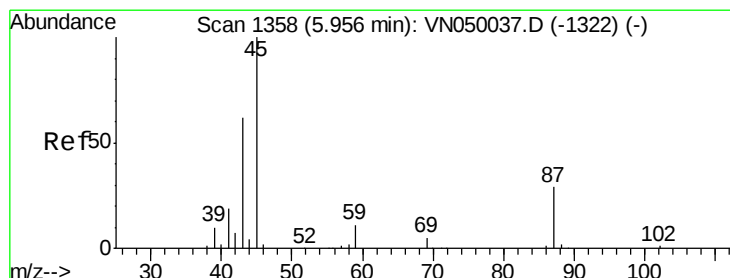
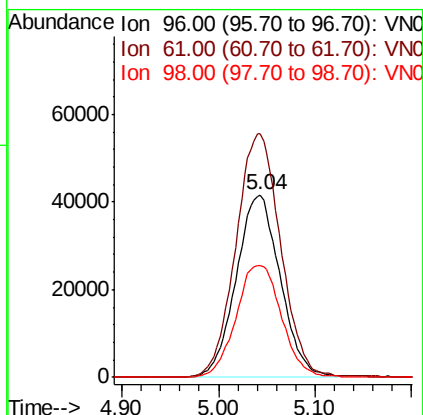
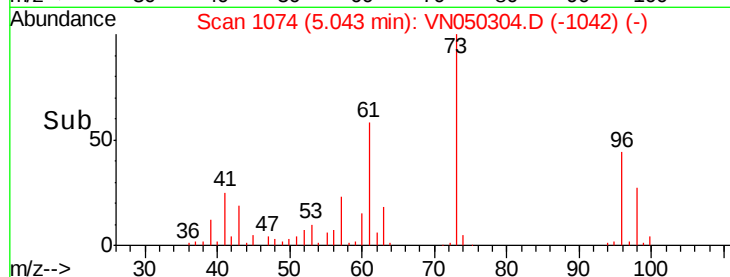
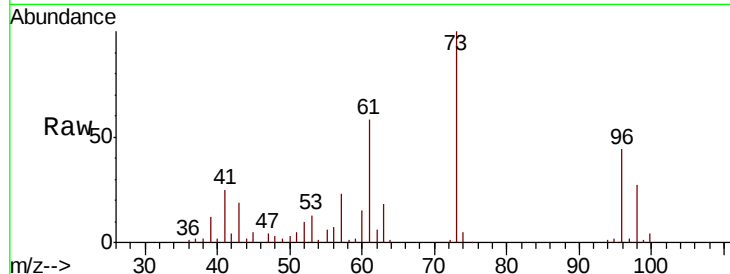




#19
trans-1,2-Dichloroethene
Concen: 18.00 ug/l
RT: 5.04 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VN050304.D
Acq: 3 Aug 2018 10:29

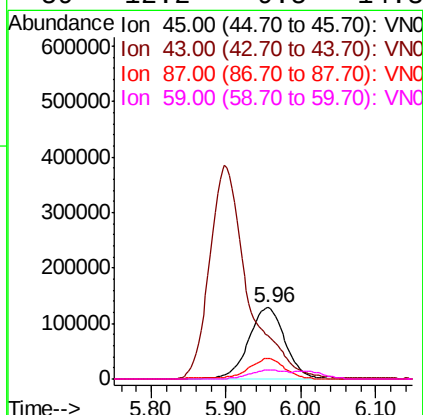
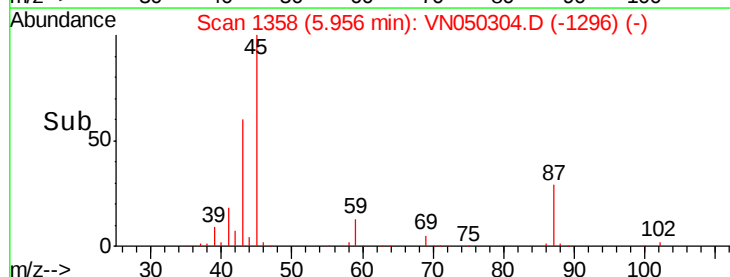
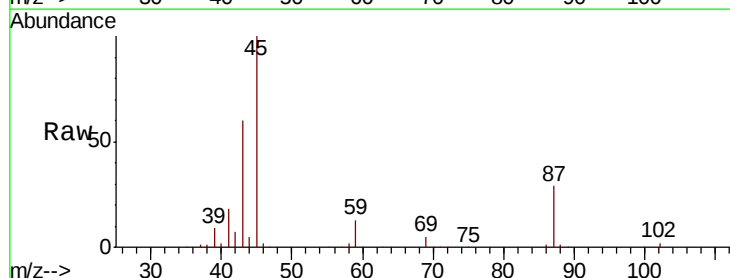
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

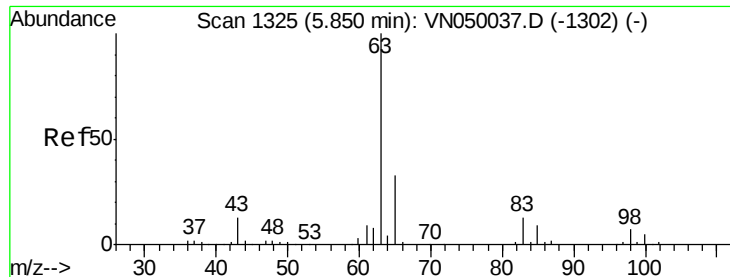
Tot Ion: 96 Resp: 131621
Ion Ratio Lower Upper
96 100
61 133.1 112.1 168.1
98 61.0 51.3 76.9



#20
Diisopropyl ether
Concen: 19.66 ug/l
RT: 5.96 min Scan# 1358
Delta R.T. -0.00 min
Lab File: VN050304.D
Acq: 3 Aug 2018 10:29

Tgt Ion: 45 Resp: 434909
Ion Ratio Lower Upper
45 100
43 58.0 46.6 70.0
87 28.8 22.3 33.5
59 12.2 9.5 14.3

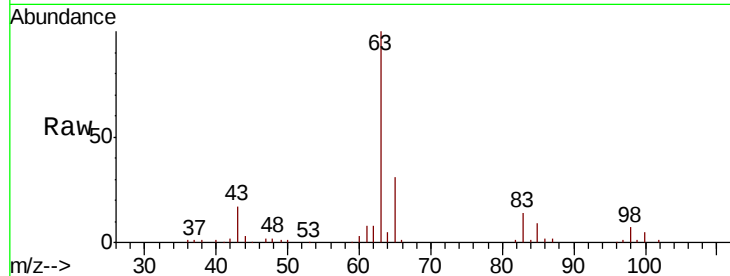




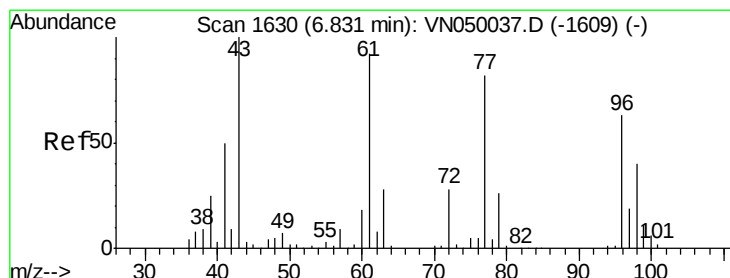
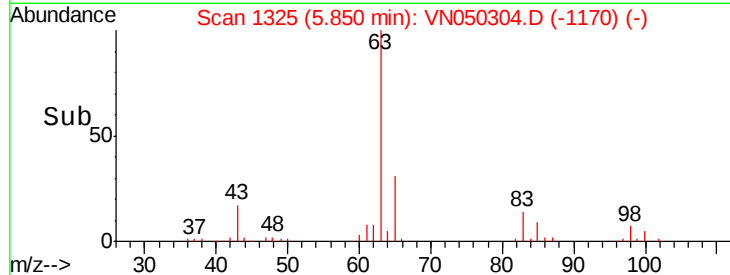
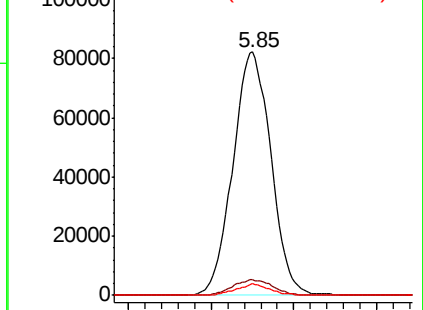
#21
 1,1-Dichloroethane
 Concen: 18.88 ug/l
 RT: 5.85 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: VN050304.D
 Acq: 3 Aug 2018 10:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion: 63 Resp: 262672
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.6
 100 4.7 2.3 6.8

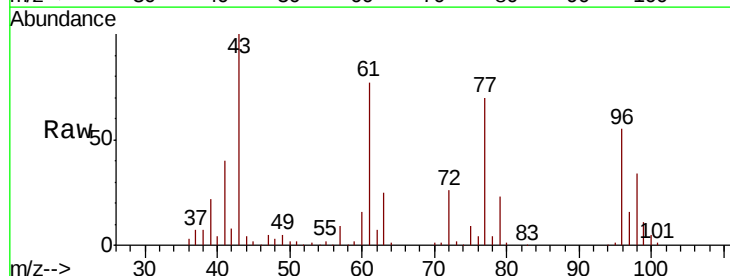


Abundance Ion 63.00 (62.70 to 63.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

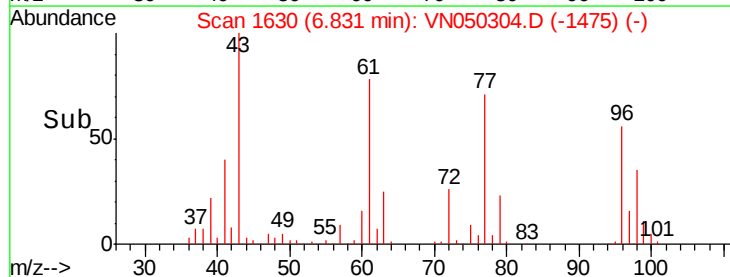
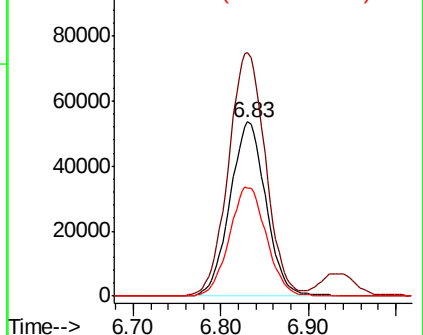


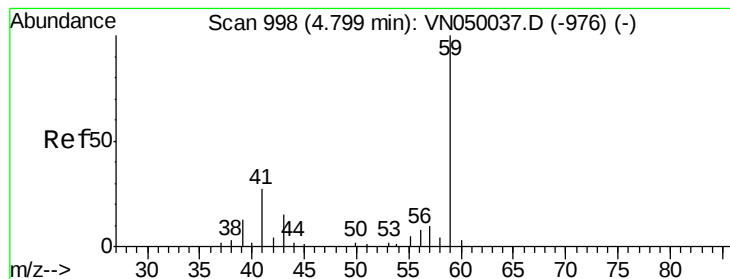
#22
 cis-1,2-Dichloroethene
 Concen: 18.89 ug/l
 RT: 6.83 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: VN050304.D
 Acq: 3 Aug 2018 10:29

Tgt Ion: 96 Resp: 153246
 Ion Ratio Lower Upper
 96 100
 61 143.5 114.2 171.2
 98 64.3 51.7 77.5



Abundance Ion 96.00 (95.70 to 96.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 98.00 (97.70 to 98.70): VN0





#23

tert-Butyl Alcohol

Concen: 103.00 ug/l

RT: 4.80 min Scan# 997

Delta R.T. -0.00 min

Lab File: VN050304.D

Acq: 3 Aug 2018 10:29

Instrument :

MSVOA_N

ClientSampleId :

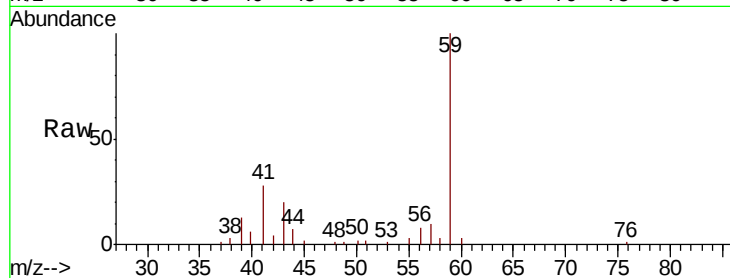
VSTDCCC020

Tot Ion: 59 Resp: 60103

Ion Ratio Lower Upper

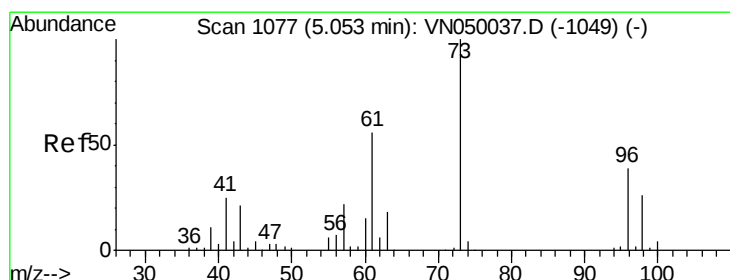
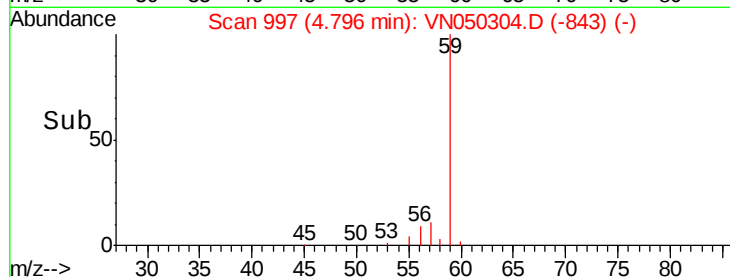
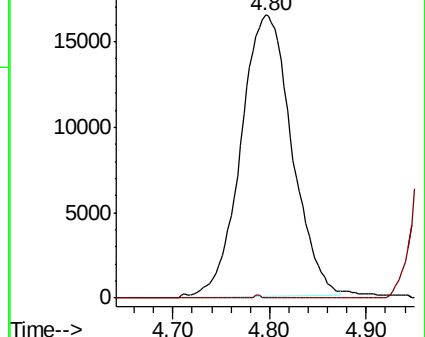
59 100

52 0.1 0.1 0.1



Abundance Ion 59.00 (58.70 to 59.70): VN050037.D (-976) (-)

Ion 52.00 (51.70 to 52.70): VN050037.D (-976) (-)



#24

Methyl tert-Butyl Ether

Concen: 19.26 ug/l

RT: 5.05 min Scan# 1076

Delta R.T. -0.00 min

Lab File: VN050304.D

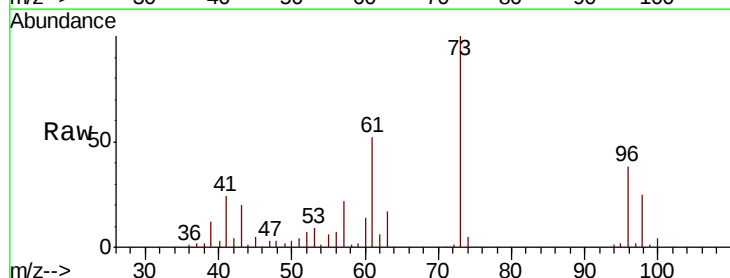
Acq: 3 Aug 2018 10:29

Tgt Ion: 73 Resp: 358840

Ion Ratio Lower Upper

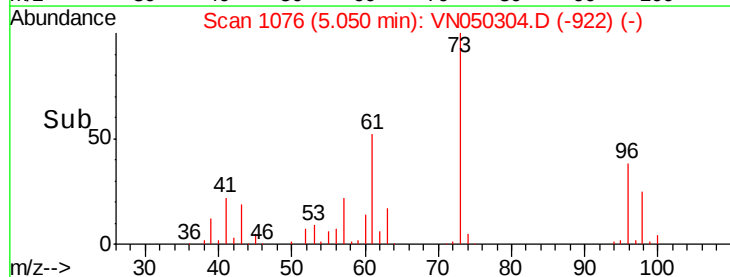
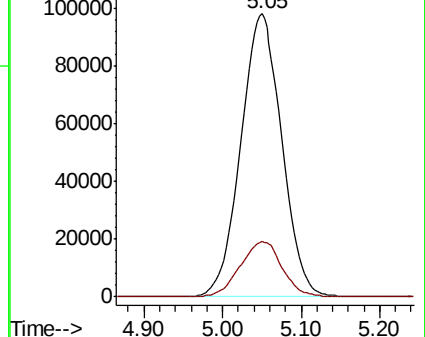
73 100

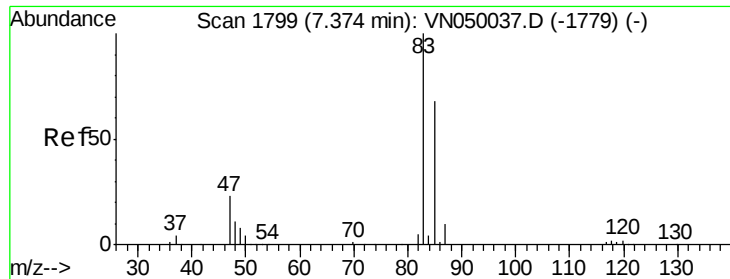
43 19.4 15.5 23.3



Abundance Ion 73.00 (72.70 to 73.70): VN050037.D (-1049) (-)

Ion 43.00 (42.70 to 43.70): VN050037.D (-1049) (-)

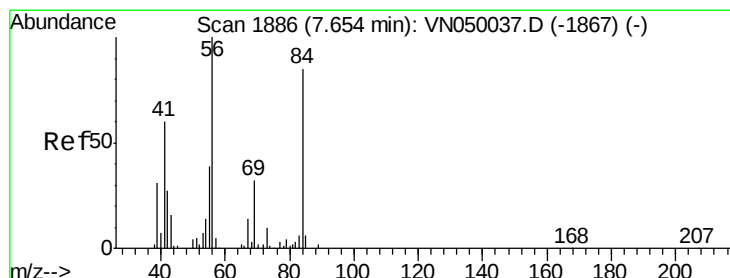
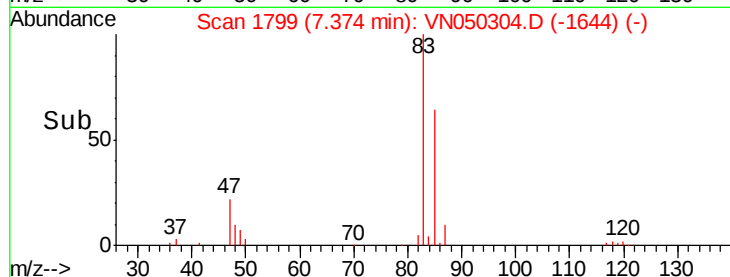
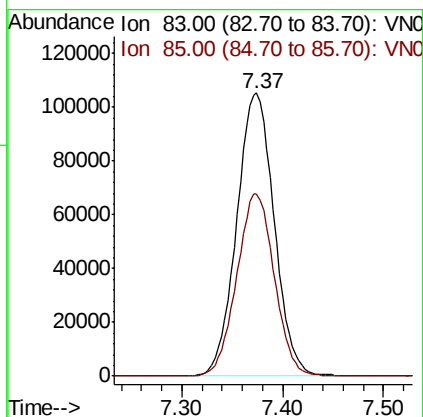
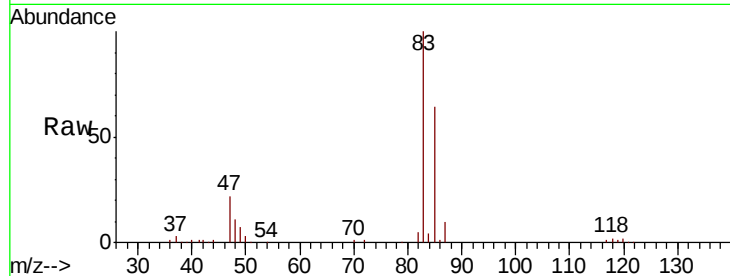




#25
Chloroform
Concen: 19.25 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN050304.D
Acq: 3 Aug 2018 10:29

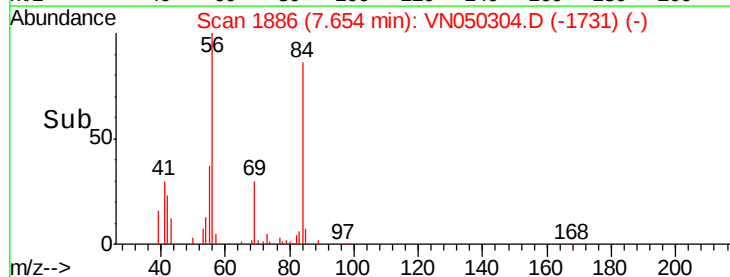
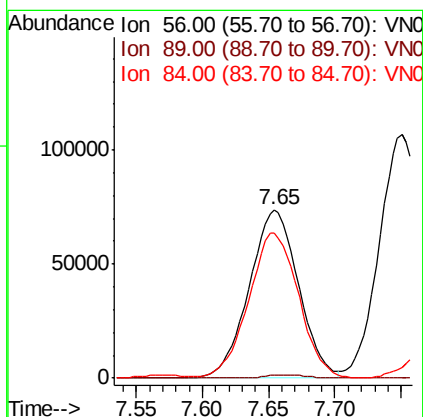
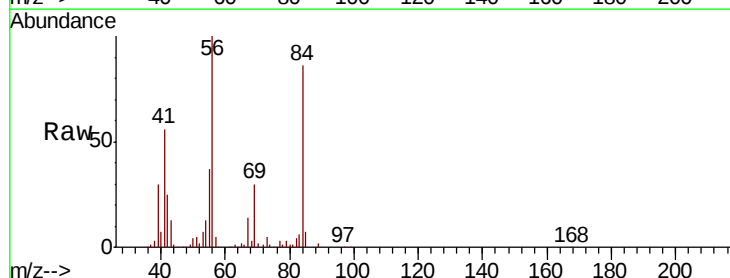
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

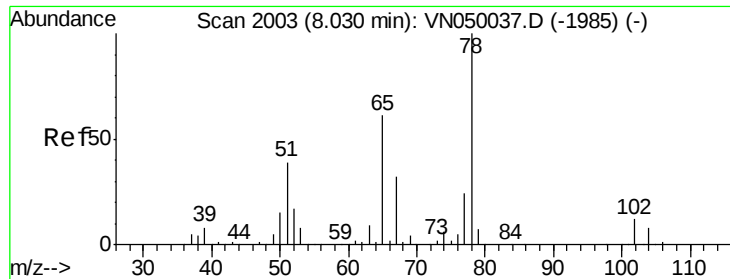
Tot Ion: 83 Resp: 271101
Ion Ratio Lower Upper
83 100
85 64.2 52.1 78.1



#26
Cyclohexane
Concen: 17.29 ug/l
RT: 7.65 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VN050304.D
Acq: 3 Aug 2018 10:29

Tgt Ion: 56 Resp: 191155
Ion Ratio Lower Upper
56 100
89 1.6 3.0 4.4#
84 87.6 69.8 104.8





#27

1,2-Dichloroethane-d4

Concen: 30.09 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. -0.00 min

Lab File: VN050304.D

Acq: 3 Aug 2018 10:29

Instrument :

MSVOA_N

ClientSampleId :

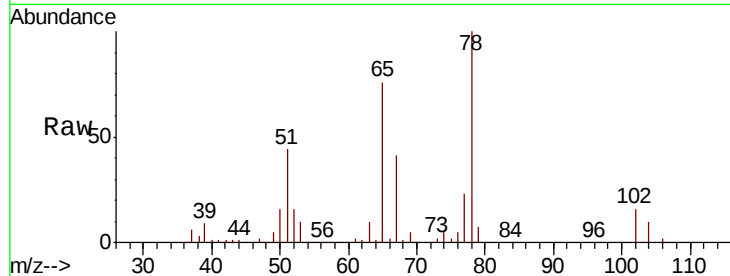
VSTDCCC020

Tot Ion: 65 Resp: 262075

Ion Ratio Lower Upper

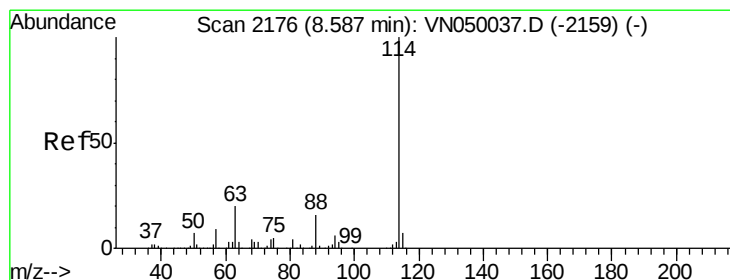
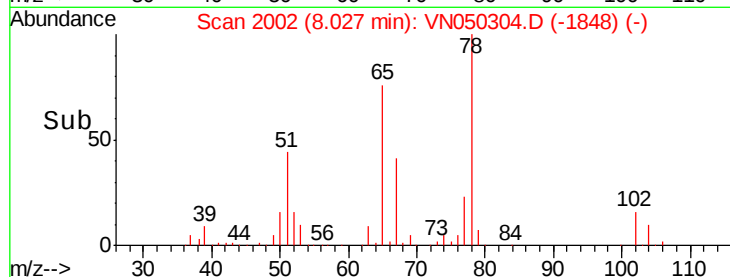
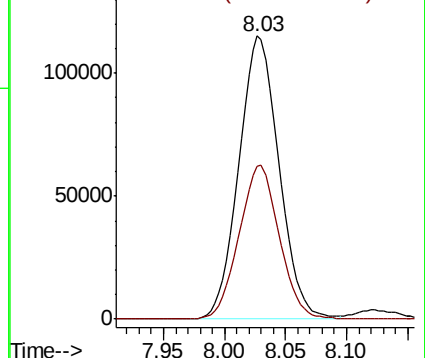
65 100

67 54.5 42.7 64.1



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN050304.D

Acq: 3 Aug 2018 10:29

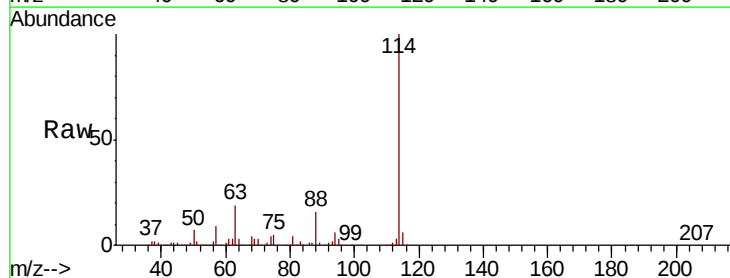
Tgt Ion:114 Resp: 691509

Ion Ratio Lower Upper

114 100

63 20.0 16.2 24.2

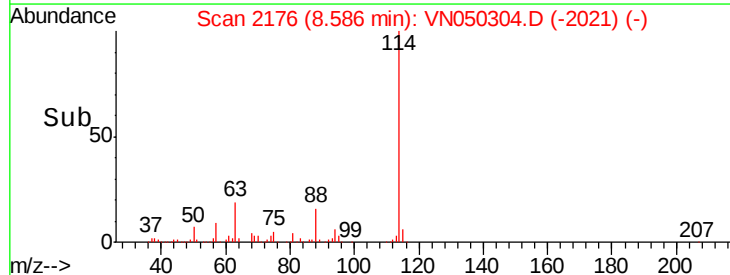
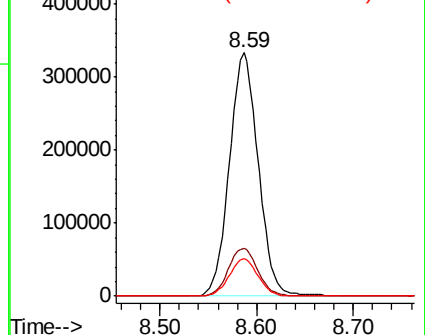
88 15.3 12.3 18.5

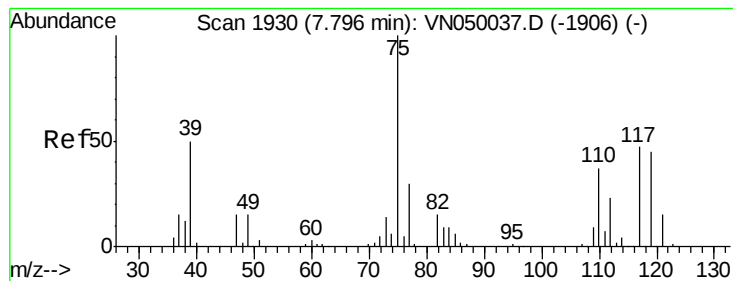


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 88.00 (87.70 to 88.70): VN0





#29

1,1-Dichloropropene

Concen: 17.53 ug/l

RT: 7.79 min Scan# 1929

Delta R.T. -0.00 min

Lab File: VN050304.D

Acq: 3 Aug 2018 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

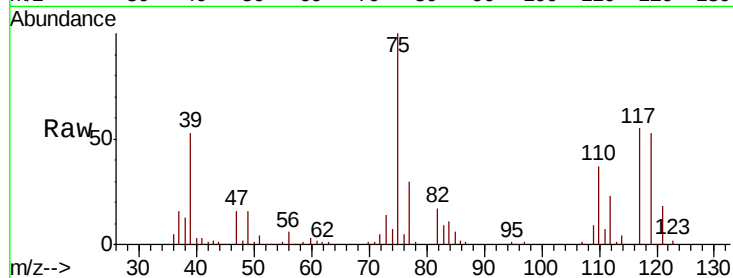
Tot Ion: 75 Resp: 188113

Ion Ratio Lower Upper

75 100

110 36.2 0.0 73.2

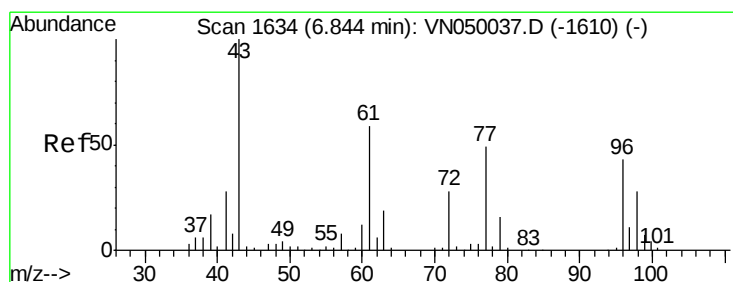
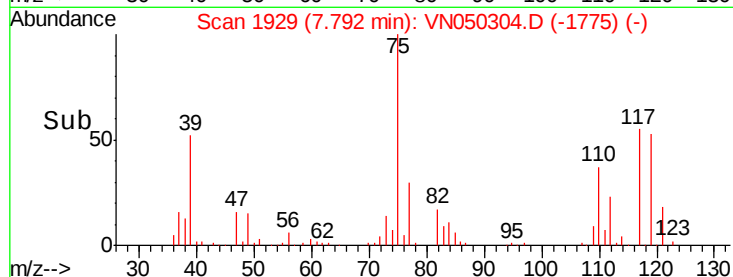
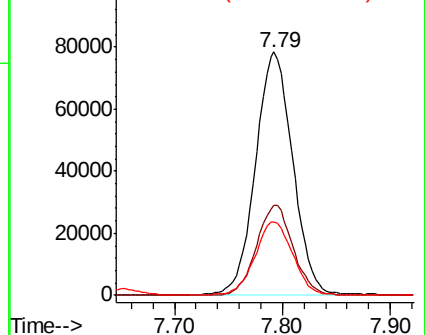
77 30.8 0.0 62.0



Abundance Ion 75.00 (74.70 to 75.70): VN050037.D (-1906) (-)

Ion 110.00 (109.70 to 110.70): VN050037.D (-1906) (-)

Ion 77.00 (76.70 to 77.70): VN050037.D (-1906) (-)



#30

2-Butanone

Concen: 96.75 ug/l

RT: 6.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VN050304.D

Acq: 3 Aug 2018 10:29

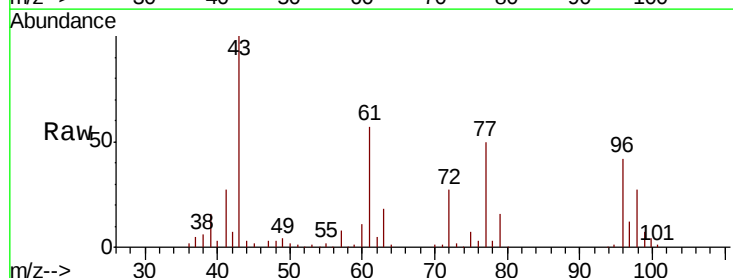
Tgt Ion: 43 Resp: 325818

Ion Ratio Lower Upper

43 100

57 8.4 6.8 10.2

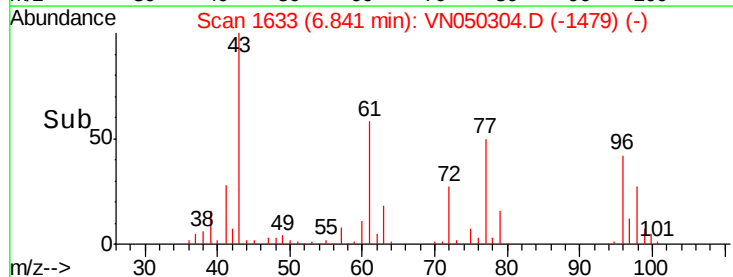
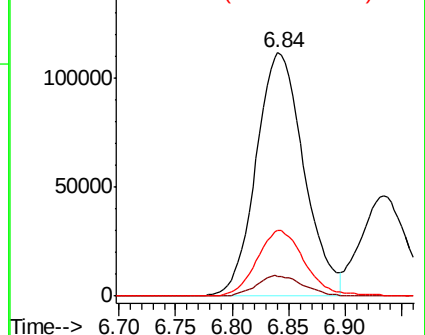
72 27.4 21.4 32.0

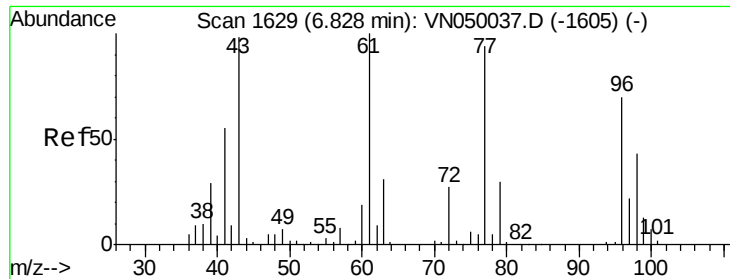


Abundance Ion 43.00 (42.70 to 43.70): VN050037.D (-1610) (-)

Ion 57.00 (56.70 to 57.70): VN050037.D (-1610) (-)

Ion 72.00 (71.70 to 72.70): VN050037.D (-1610) (-)





#31

2,2-Dichloropropane

Concen: 18.73 ug/l

RT: 6.82 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VN050304.D

Acq: 3 Aug 2018 10:29

Instrument :

MSVOA_N

ClientSampleId :

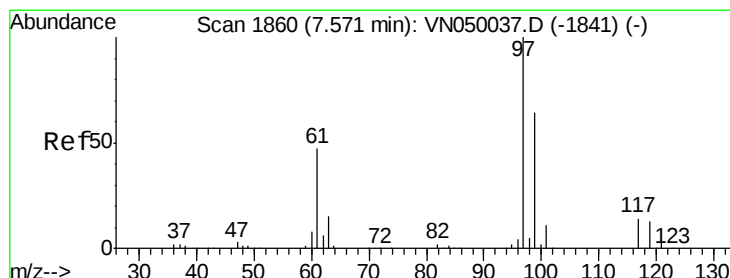
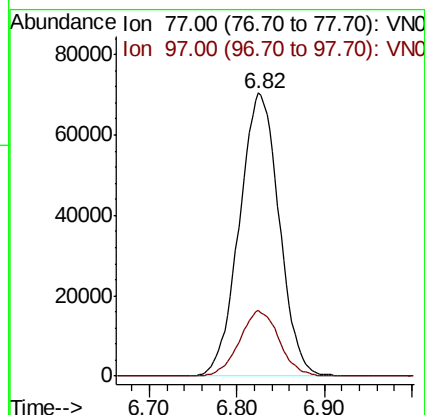
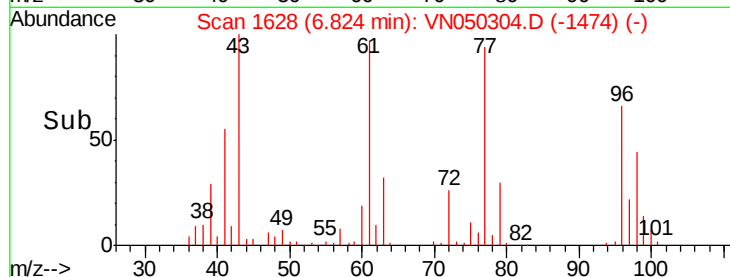
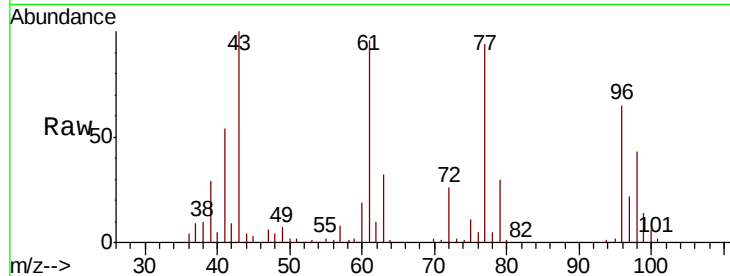
VSTDCCC020

Tot Ion: 77 Resp: 222136

Ion Ratio Lower Upper

77 100

97 23.0 18.9 28.3



#32

1,1,1-Trichloroethane

Concen: 18.09 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VN050304.D

Acq: 3 Aug 2018 10:29

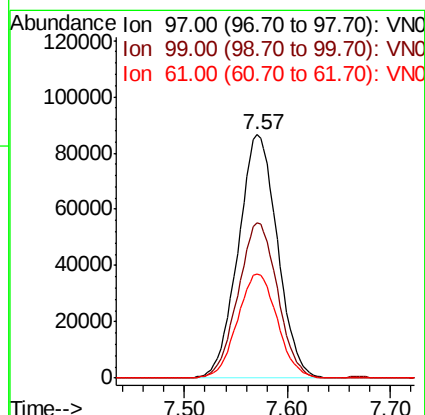
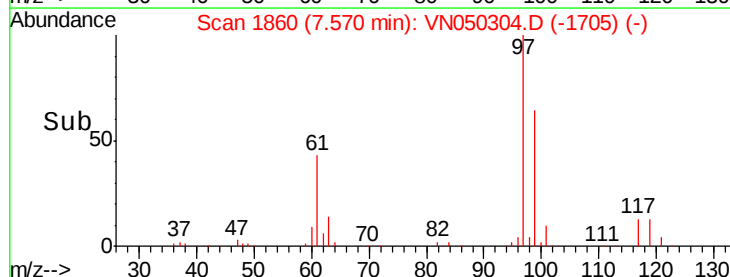
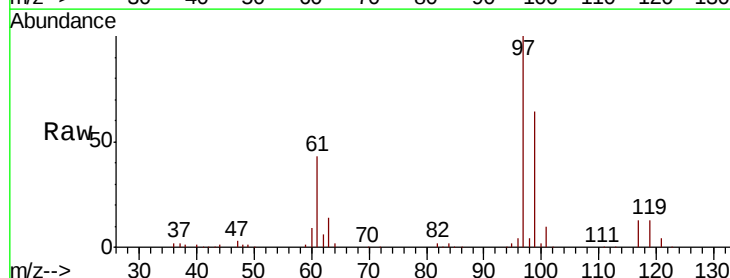
Tgt Ion: 97 Resp: 228529

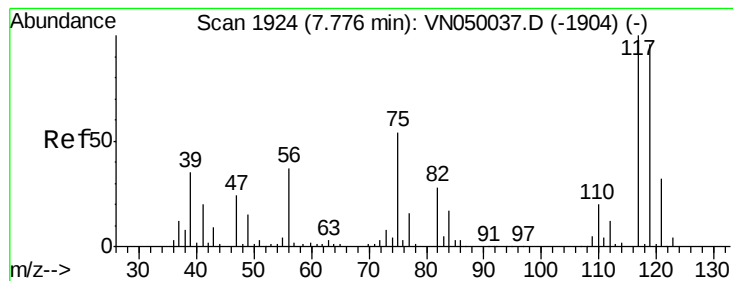
Ion Ratio Lower Upper

97 100

99 64.4 51.2 76.8

61 43.6 35.3 52.9





#33

Carbon Tetrachloride

Concen: 17.59 ug/l

RT: 7.77 min Scan# 1923

Delta R.T. -0.00 min

Lab File: VN050304.D

Acq: 3 Aug 2018 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

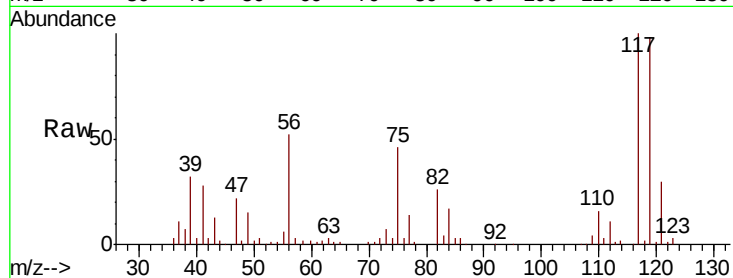
Tot Ion:117 Resp: 198055

Ion Ratio Lower Upper

117 100

119 97.8 76.9 115.3

121 30.2 24.4 36.6

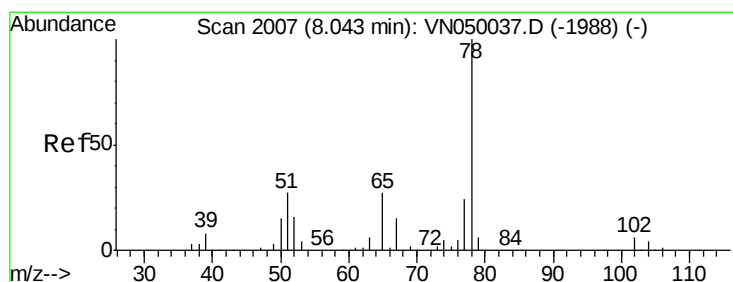
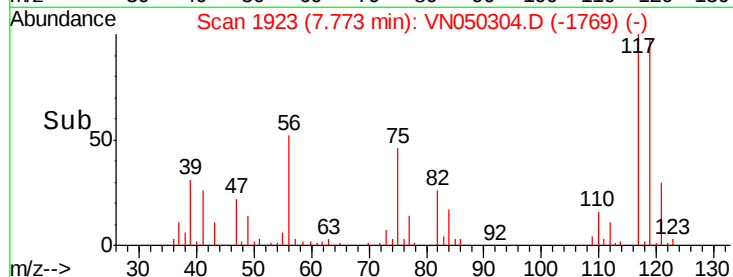
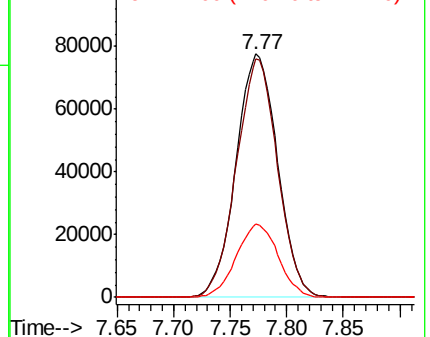


Abundance

Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 17.84 ug/l

RT: 8.04 min Scan# 2007

Delta R.T. -0.00 min

Lab File: VN050304.D

Acq: 3 Aug 2018 10:29

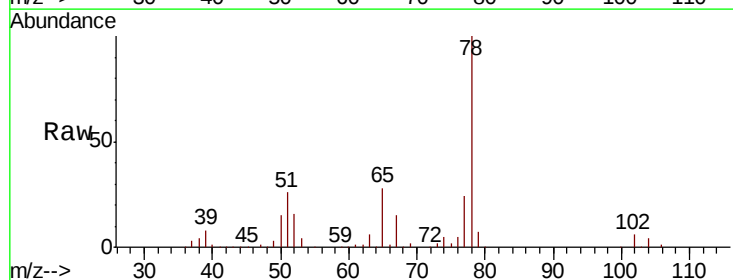
Tgt Ion: 78 Resp: 581567

Ion Ratio Lower Upper

78 100

77 23.6 19.1 28.7

51 26.2 21.0 31.4

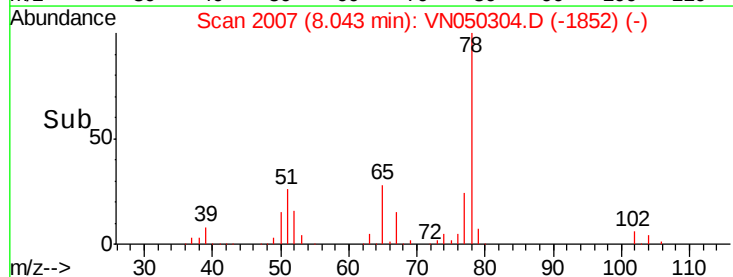
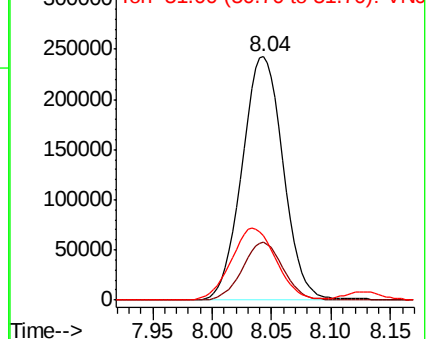


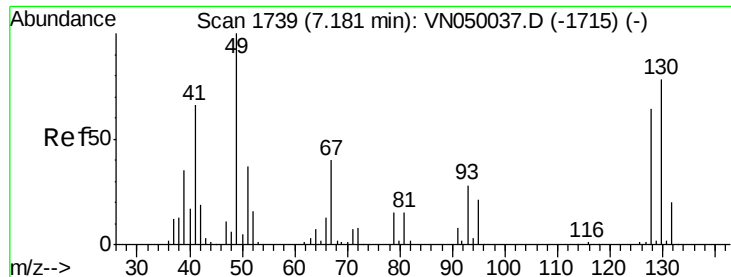
Abundance

Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

Ion 51.00 (50.70 to 51.70): V

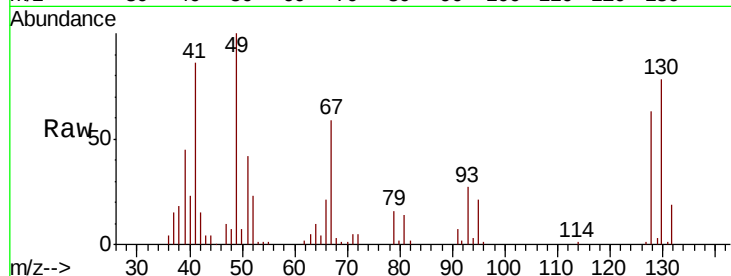




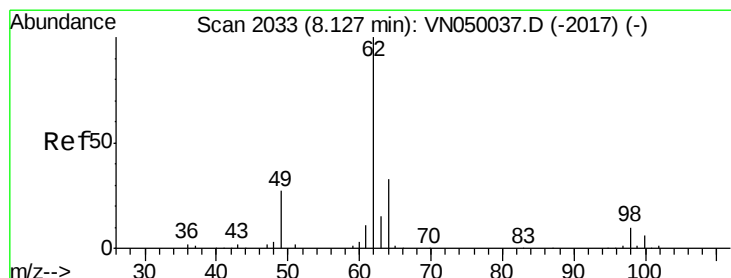
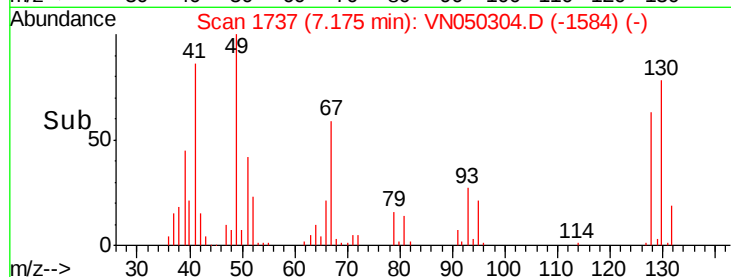
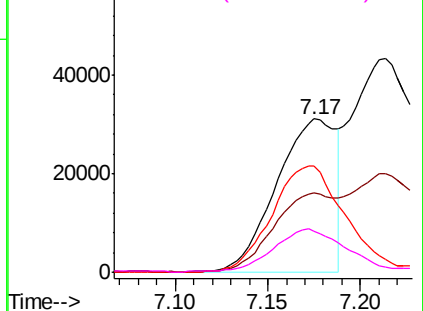
#35
Methacrylonitrile
Concen: 18.23 ug/l
RT: 7.17 min Scan# 1737
Delta R.T. -0.01 min
Lab File: VN050304.D
Acq: 3 Aug 2018 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion:	41	Resp:	69909
Ion	Ratio	Lower	Upper
41	100		
39	52.1	27.6	82.7
67	69.3	35.1	105.5
52	26.7	14.1	42.4

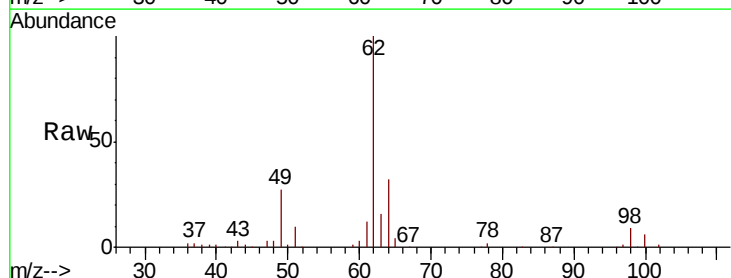


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

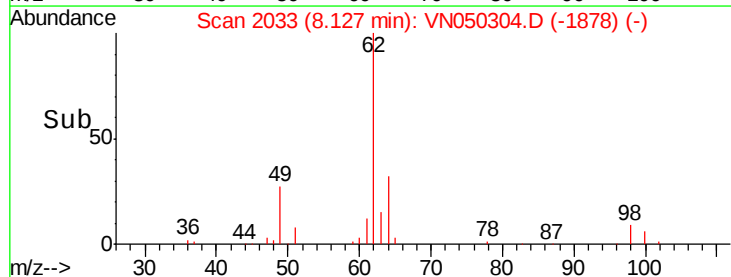
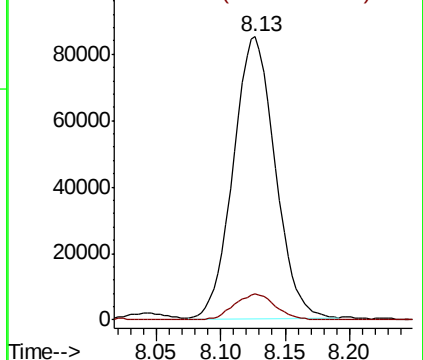


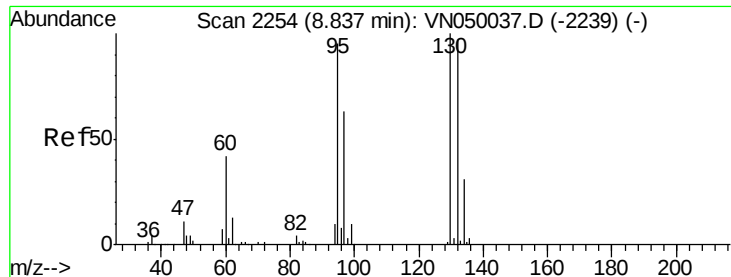
#36
1,2-Dichloroethane
Concen: 17.97 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. -0.00 min
Lab File: VN050304.D
Acq: 3 Aug 2018 10:29

Tgt Ion:	62	Resp:	192253
Ion	Ratio	Lower	Upper
62	100		
98	9.1	7.8	11.6



Abundance Ion 62.00 (61.70 to 62.70): VNO
Ion 98.00 (97.70 to 98.70): VNO





#37

Trichloroethene

Concen: 17.52 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. -0.00 min

Lab File: VN050304.D

Acq: 3 Aug 2018 10:29

Instrument :

MSVOA_N

ClientSampleId :

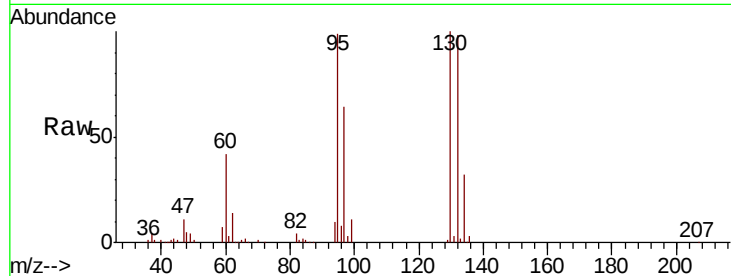
VSTDCCC020

Tot Ion:130 Resp: 149780

Ion Ratio Lower Upper

130 100

95 99.5 79.7 119.5



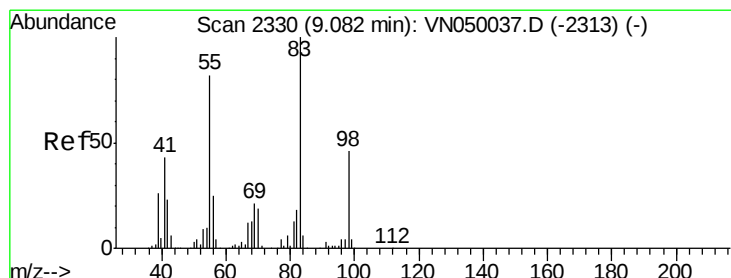
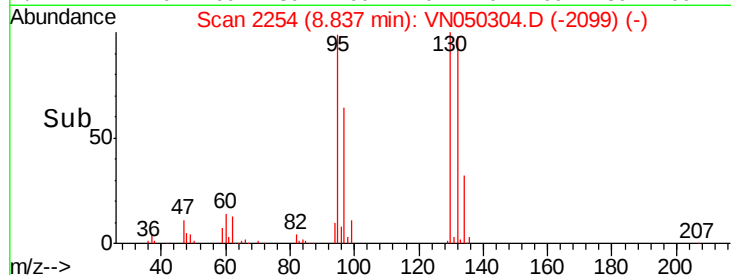
Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN

8.84

8.75 8.80 8.85 8.90

Time-->



#38

Methylcyclohexane

Concen: 16.77 ug/l

RT: 9.08 min Scan# 2330

Delta R.T. -0.00 min

Lab File: VN050304.D

Acq: 3 Aug 2018 10:29

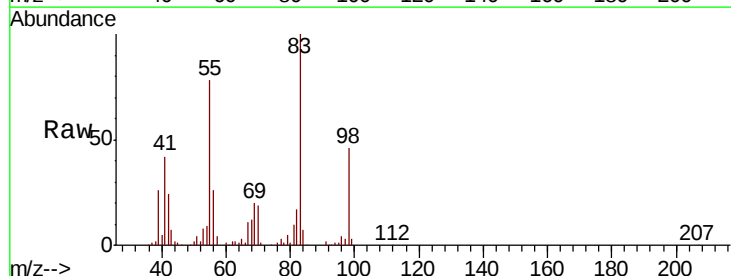
Tgt Ion: 83 Resp: 189702

Ion Ratio Lower Upper

83 100

55 78.7 39.3 117.8

98 45.2 23.0 69.0



Abundance Ion 83.00 (82.70 to 83.70): VN

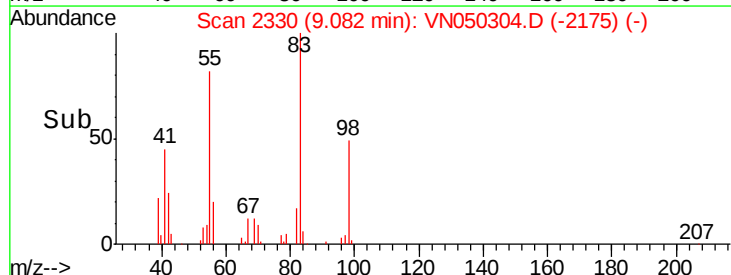
Ion 55.00 (54.70 to 55.70): VN

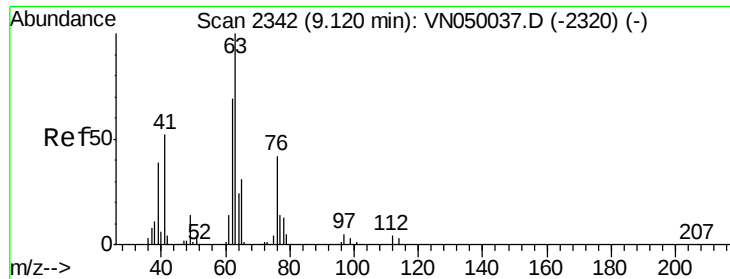
Ion 98.00 (97.70 to 98.70): VN

9.08

9.00 9.05 9.10 9.15

Time-->

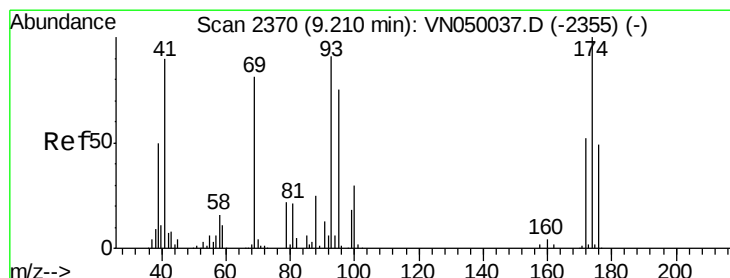
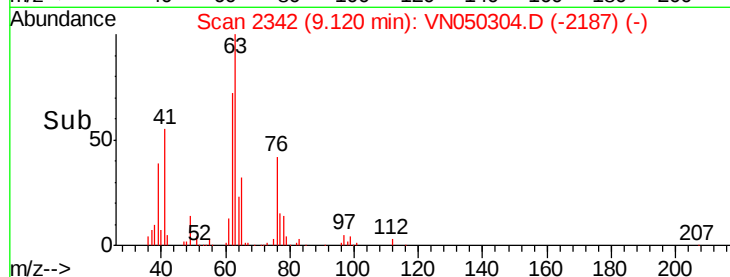
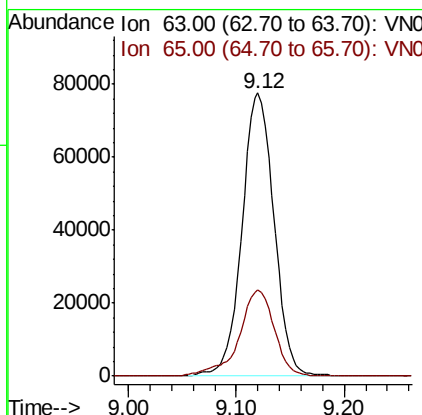
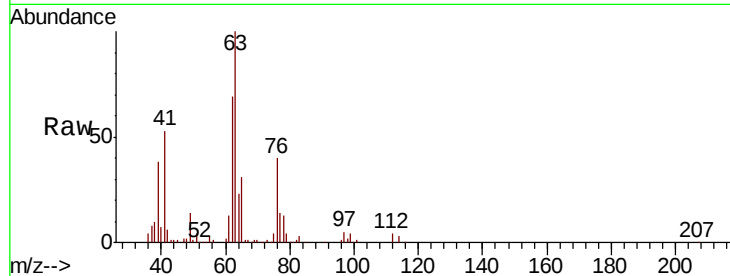




#39
 1,2-Dichloropropane
 Concen: 18.56 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: VN050304.D
 Acq: 3 Aug 2018 10:29

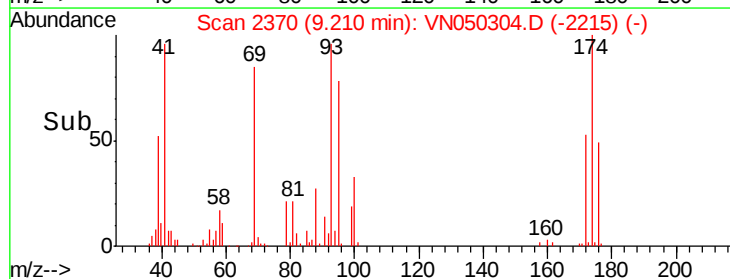
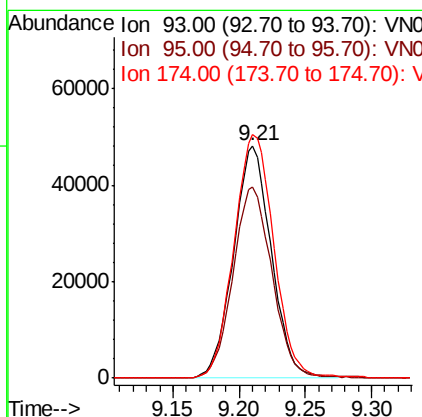
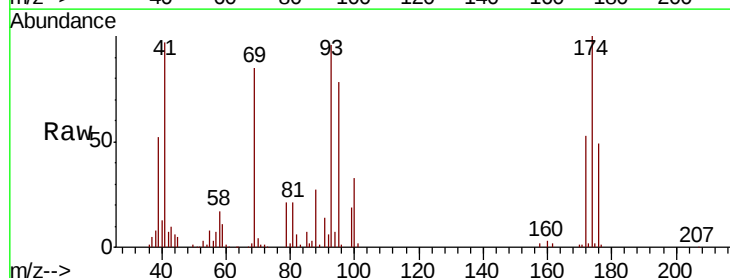
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

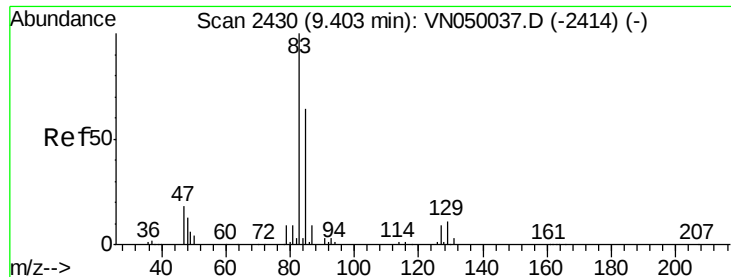
Tot Ion: 63 Resp: 159369
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.2 36.2



#40
 Dibromomethane
 Concen: 18.00 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. -0.00 min
 Lab File: VN050304.D
 Acq: 3 Aug 2018 10:29

Tgt Ion: 93 Resp: 95511
 Ion Ratio Lower Upper
 93 100
 95 84.8 0.0 165.6
 174 110.4 0.0 223.2





#41

Bromodichloromethane

Concen: 18.36 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN050304.D

Acq: 3 Aug 2018 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

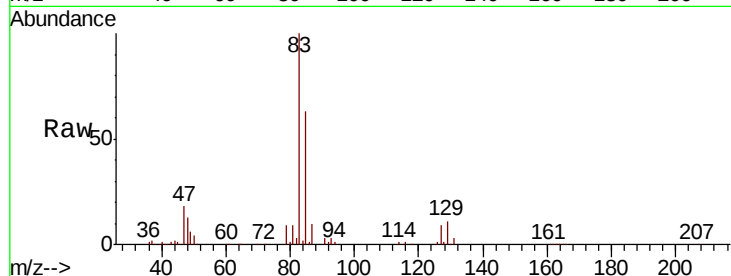
Tot Ion: 83 Resp: 205492

Ion Ratio Lower Upper

83 100

85 63.4 52.6 78.8

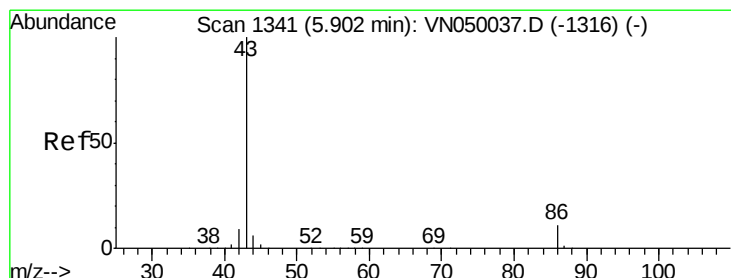
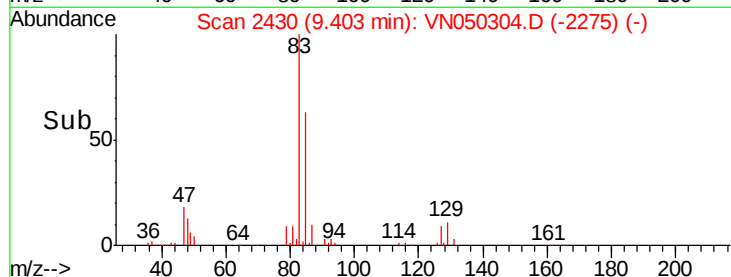
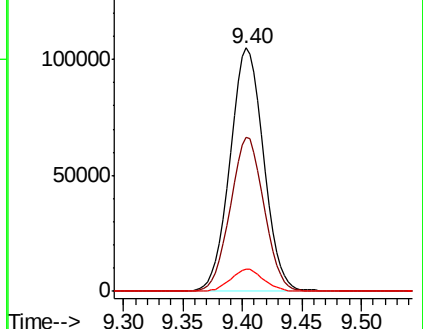
127 9.1 7.0 10.4



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

Ion 127.00 (126.70 to 127.70): VN0



#42

Vinyl Acetate

Concen: 85.91 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VN050304.D

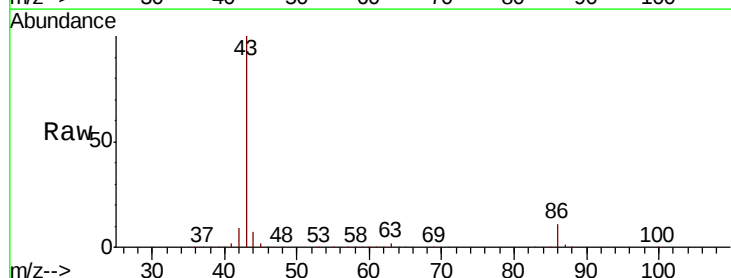
Acq: 3 Aug 2018 10:29

Tgt Ion: 43 Resp: 1361386

Ion Ratio Lower Upper

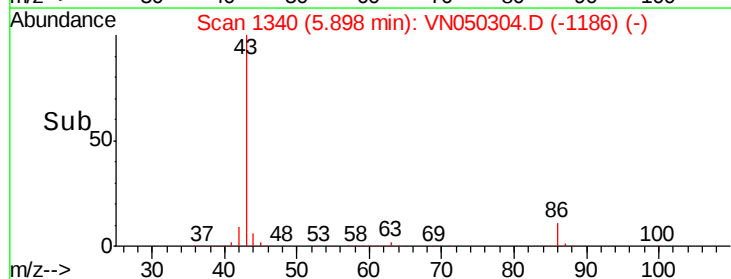
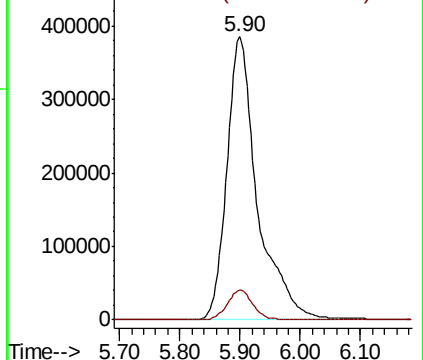
43 100

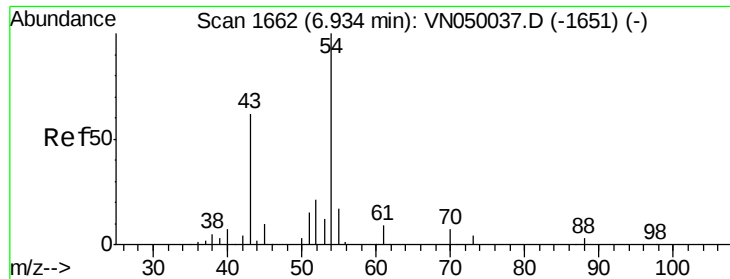
86 8.9 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0





#43

Ethyl Acetate

Concen: 18.50 ug/l

RT: 6.93 min Scan# 1662

Delta R.T. -0.00 min

Lab File: VN050304.D

Acq: 3 Aug 2018 10:29

Instrument :

MSVOA_N

ClientSampleId :

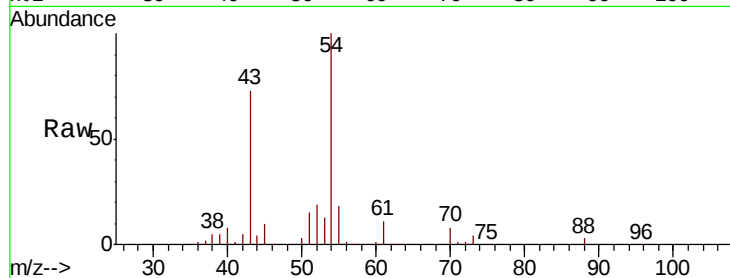
VSTDCCC020

Tot Ion: 43 Resp: 130097

Ion Ratio Lower Upper

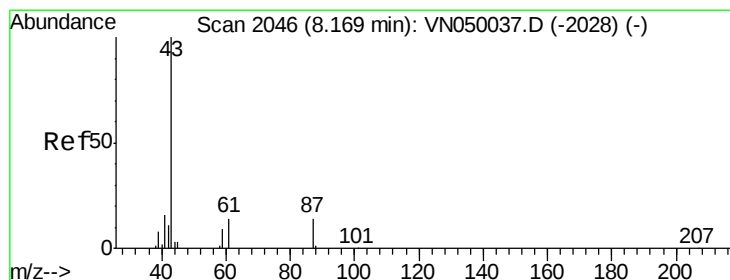
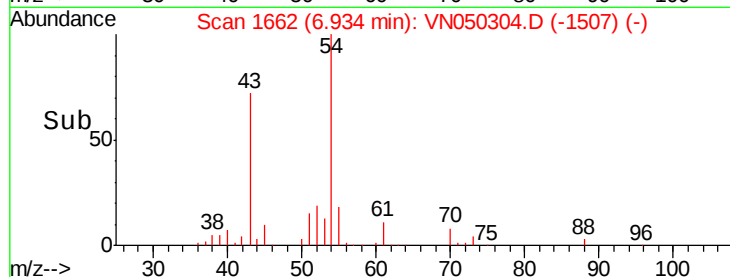
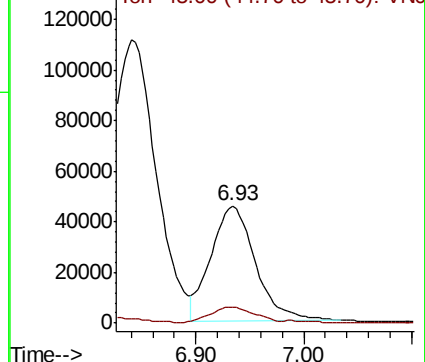
43 100

45 12.6 13.0 19.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#44

Isopropyl Acetate

Concen: 20.58 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. -0.00 min

Lab File: VN050304.D

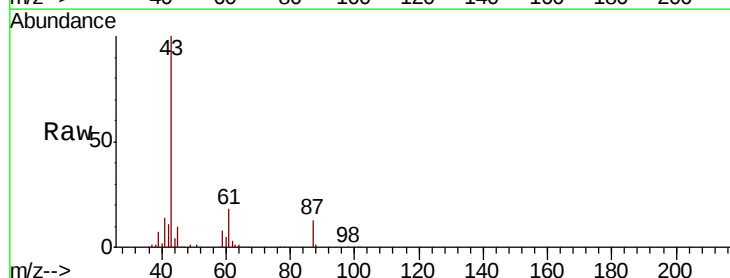
Acq: 3 Aug 2018 10:29

Tgt Ion: 43 Resp: 268107

Ion Ratio Lower Upper

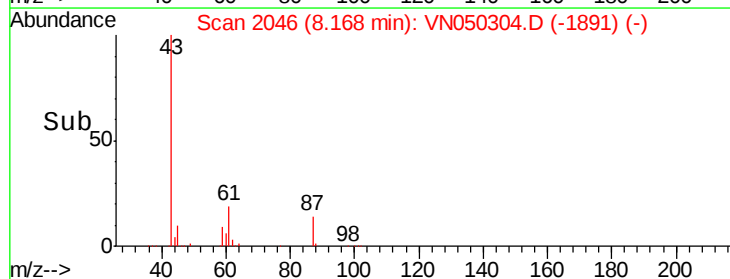
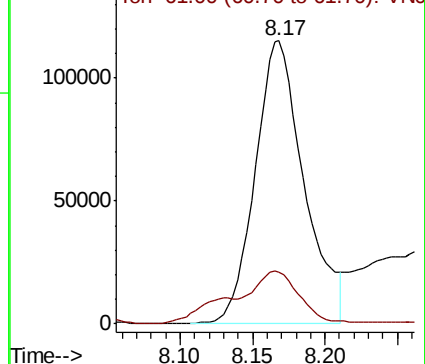
43 100

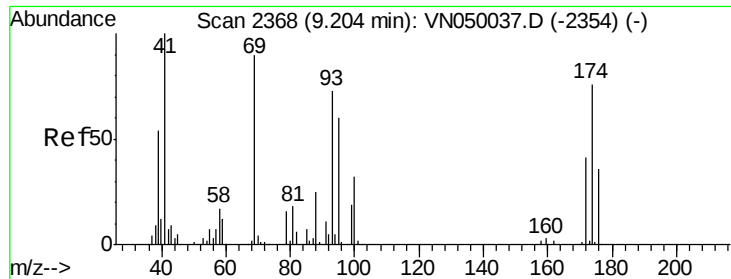
61 15.9 16.4 24.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

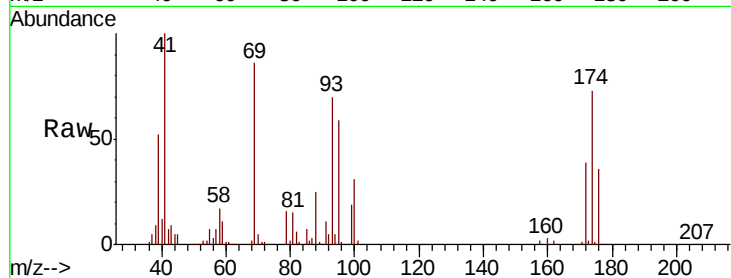




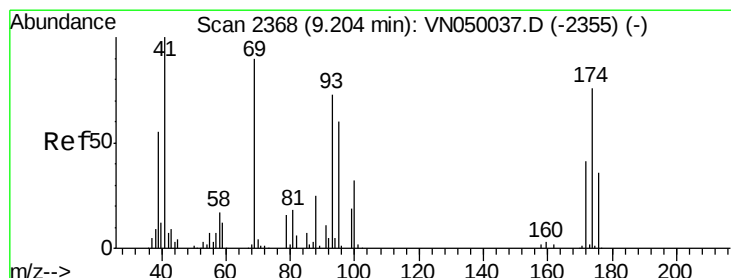
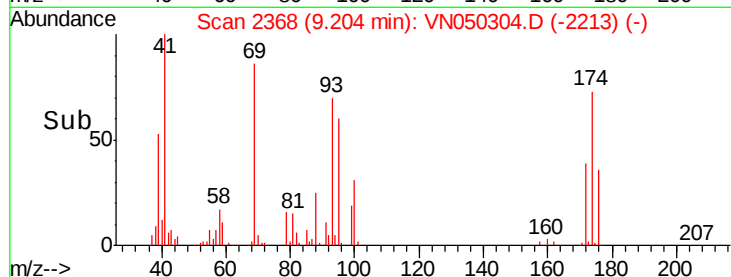
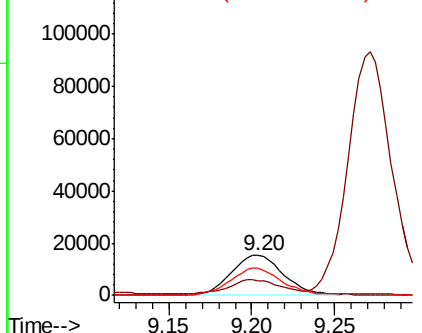
#45
 1,4-Dioxane
 Concen: 390.36 ug/l
 RT: 9.20 min Scan# 2368
 Delta R.T. -0.00 min
 Lab File: VN050304.D
 Acq: 3 Aug 2018 10:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion: 88 Resp: 33462
 Ion Ratio Lower Upper
 88 100
 43 33.3 26.9 40.3
 58 67.2 53.6 80.4

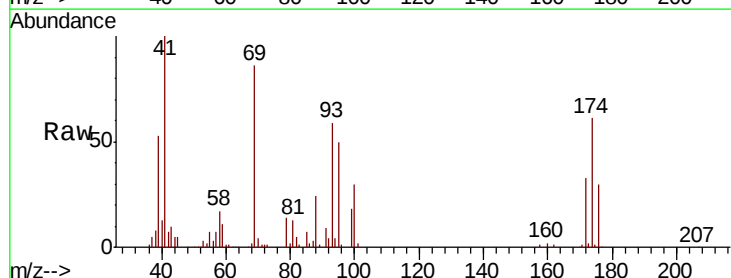


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

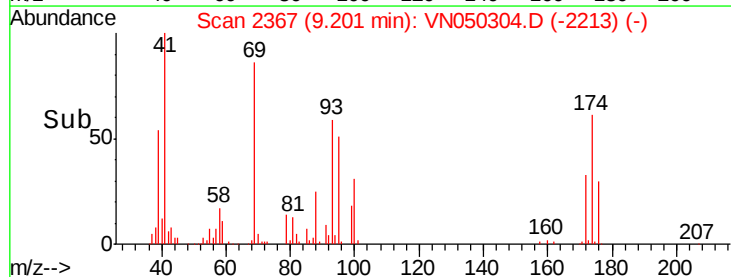
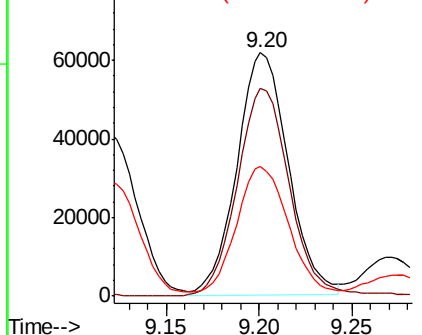


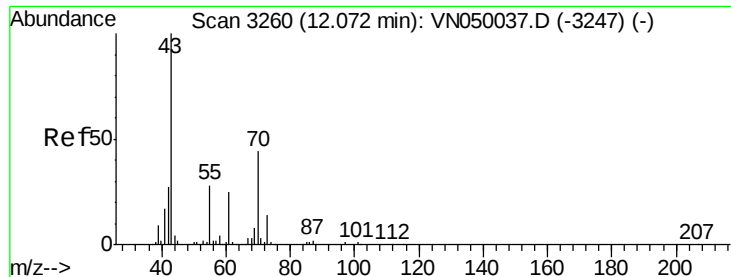
#46
 Methyl methacrylate
 Concen: 18.82 ug/l
 RT: 9.20 min Scan# 2367
 Delta R.T. -0.00 min
 Lab File: VN050304.D
 Acq: 3 Aug 2018 10:29

Tgt Ion: 41 Resp: 118861
 Ion Ratio Lower Upper
 41 100
 69 86.5 44.0 132.1
 39 52.8 27.0 80.8



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

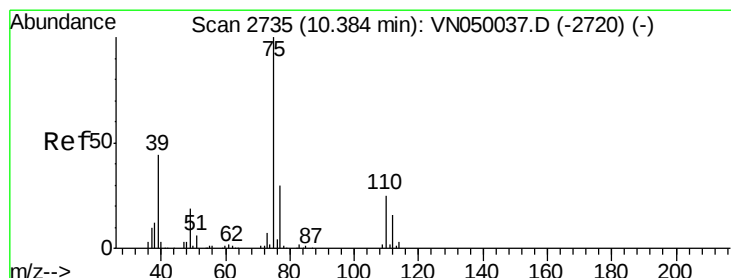
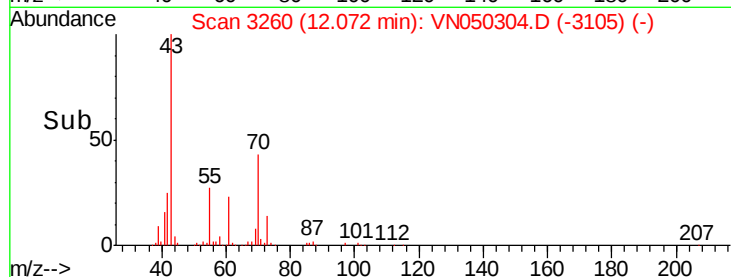
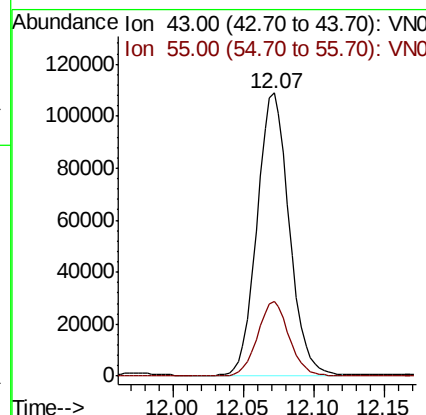
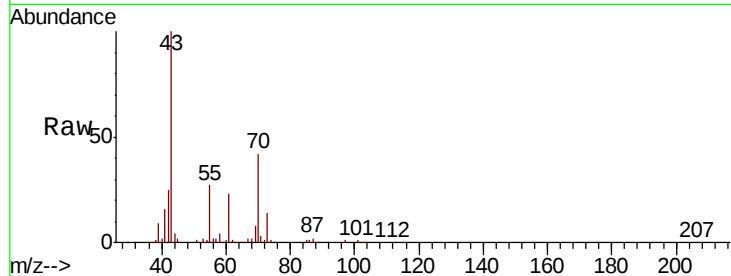




#47
n-amyl Acetate
Concen: 17.15 ug/l
RT: 12.07 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN050304.D
Acq: 3 Aug 2018 10:29

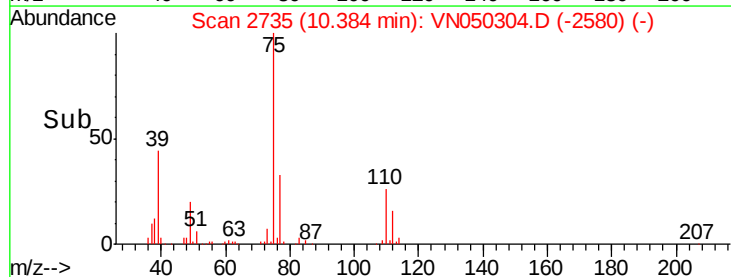
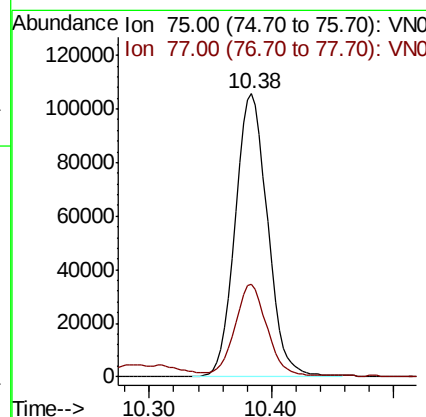
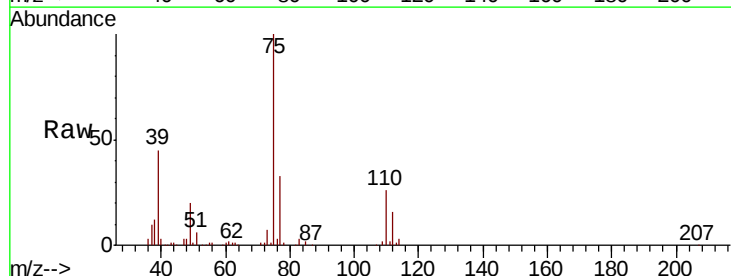
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

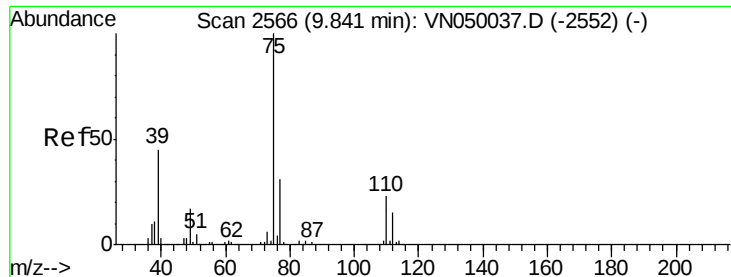
Tot Ion: 43 Resp: 173825
Ion Ratio Lower Upper
43 100
55 26.1 21.0 31.4



#48
t-1,3-Dichloropropene
Concen: 18.28 ug/l
RT: 10.38 min Scan# 2735
Delta R.T. -0.00 min
Lab File: VN050304.D
Acq: 3 Aug 2018 10:29

Tgt Ion: 75 Resp: 195052
Ion Ratio Lower Upper
75 100
77 32.3 24.6 37.0





#49

cis-1,3-Dichloropropene

Concen: 17.73 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VN050304.D

Acq: 3 Aug 2018 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

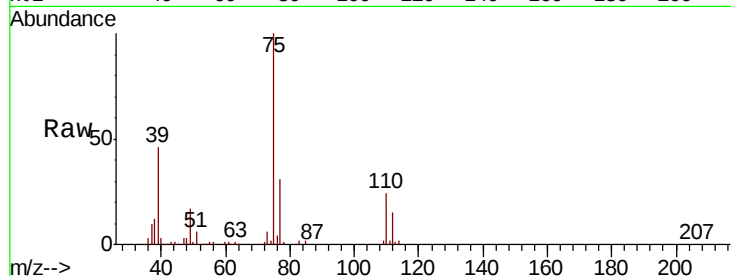
Tot Ion: 75 Resp: 222243

Ion Ratio Lower Upper

75 100

77 31.4 25.7 38.5

39 45.8 36.3 54.5

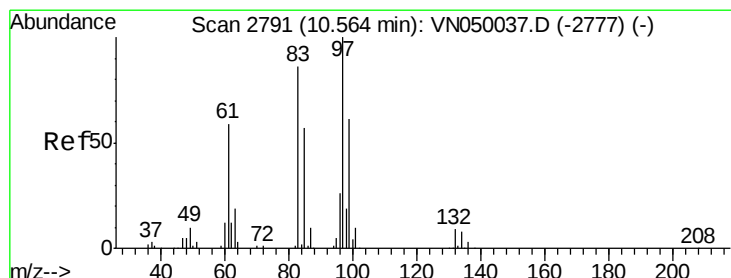
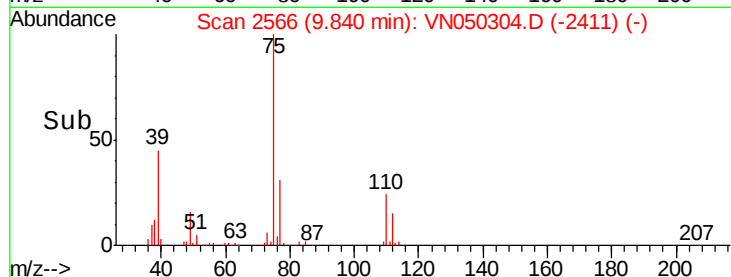
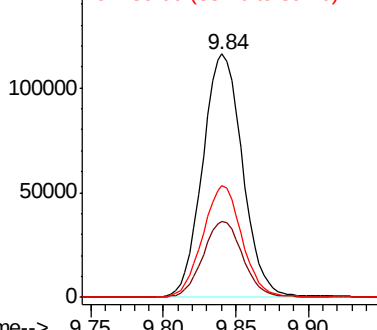


Abundance

Ion 75.00 (74.70 to 75.70): VNO

Ion 77.00 (76.70 to 77.70): VNO

Ion 39.00 (38.70 to 39.70): VNO



#50

1,1,2-Trichloroethane

Concen: 18.45 ug/l

RT: 10.56 min Scan# 2791

Delta R.T. -0.00 min

Lab File: VN050304.D

Acq: 3 Aug 2018 10:29

Tgt Ion: 97 Resp: 140516

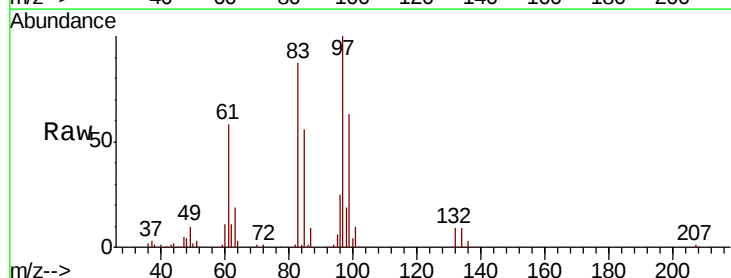
Ion Ratio Lower Upper

97 100

83 86.9 68.1 102.1

85 55.7 45.4 68.2

99 62.6 49.4 74.0



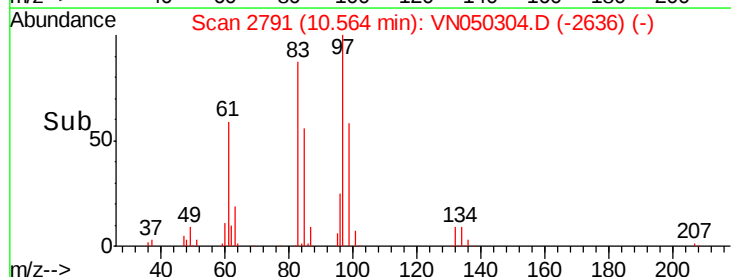
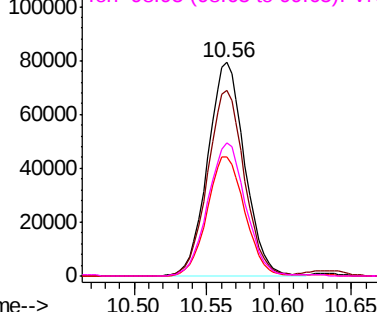
Abundance

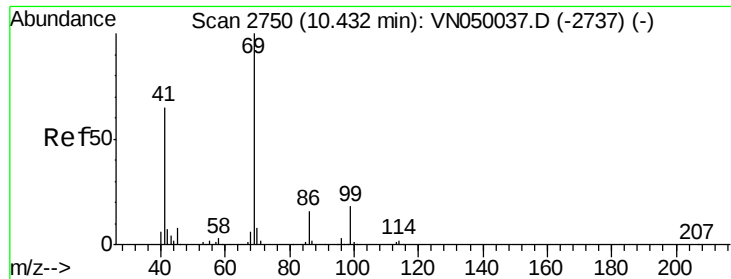
Ion 97.00 (96.70 to 97.70): VNO

Ion 82.95 (82.65 to 83.65): VNO

Ion 84.95 (84.65 to 85.65): VNO

Ion 98.95 (98.65 to 99.65): VNO





#51

Ethyl methacrylate

Concen: 17.88 ug/l

RT: 10.43 min Scan# 2750

Delta R.T. -0.00 min

Lab File: VN050304.D

Acq: 3 Aug 2018 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

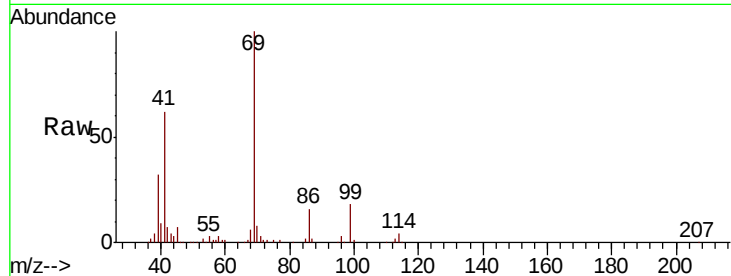
Tot Ion: 69 Resp: 165287

Ion	Ratio	Lower	Upper
69	100		
41	62.1	31.9	95.9
39	32.1	16.7	50.1

69 100

41 62.1 31.9 95.9

39 32.1 16.7 50.1

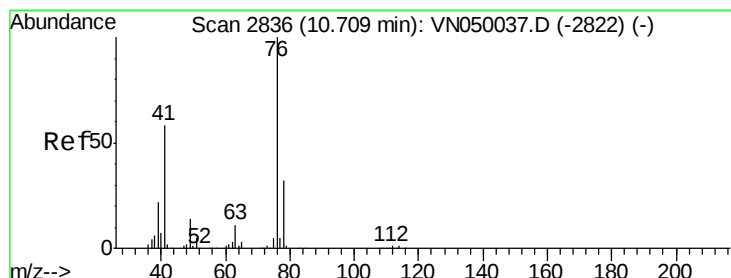
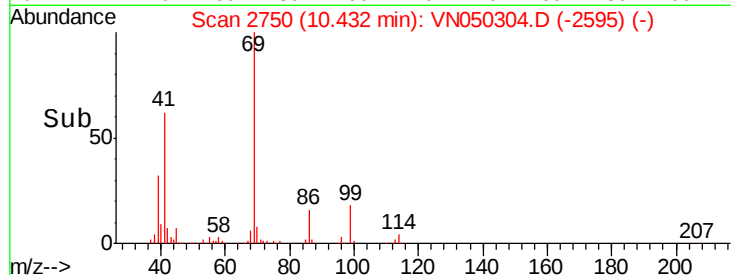
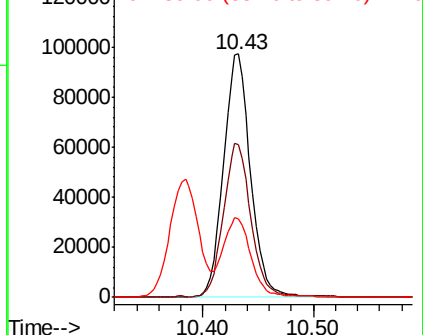


Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#52

1,3-Dichloropropane

Concen: 18.33 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. -0.00 min

Lab File: VN050304.D

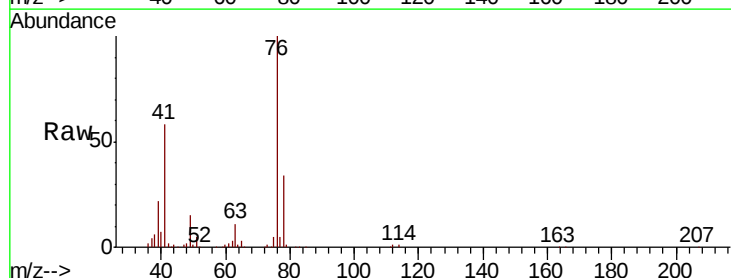
Acq: 3 Aug 2018 10:29

Tgt Ion: 76 Resp: 229314

Ion	Ratio	Lower	Upper
76	100		
78	33.2	0.0	65.6

76 100

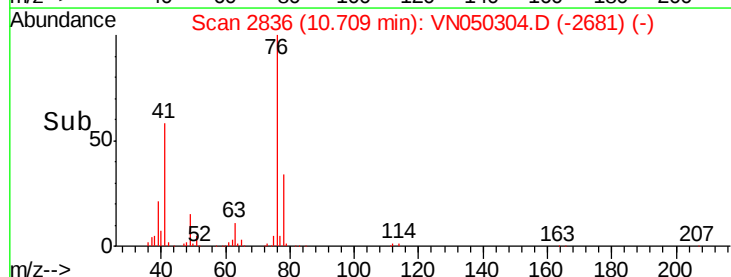
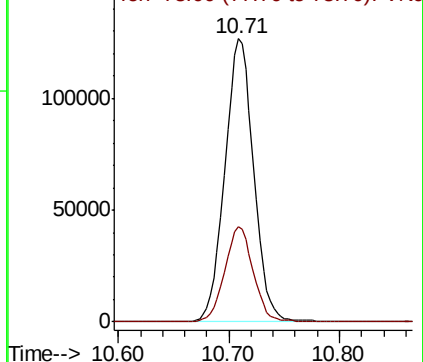
78 33.2 0.0 65.6

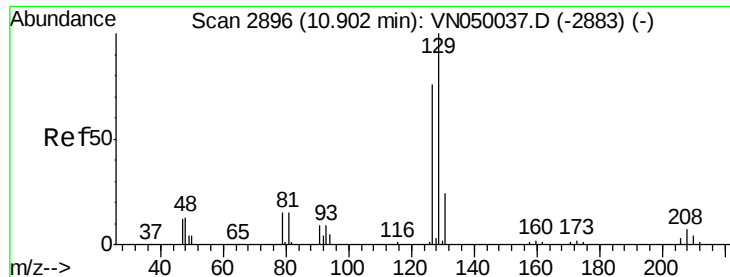


Abundance

Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





#53

Dibromochloromethane

Concen: 17.90 ug/l

RT: 10.90 min Scan# 2897

Delta R.T. 0.00 min

Lab File: VN050304.D

Acq: 3 Aug 2018 10:29

Instrument :

MSVOA_N

ClientSampleId :

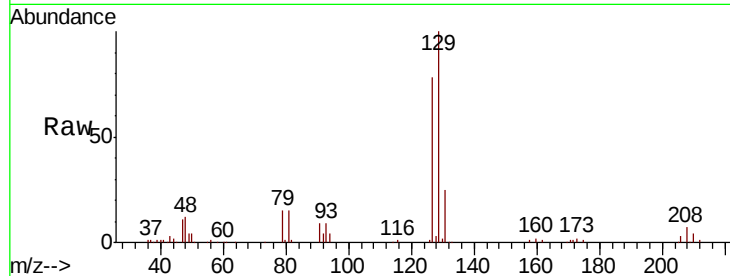
VSTDCCC020

Tot Ion:129 Resp: 154702

Ion Ratio Lower Upper

129 100

127 76.9 38.1 114.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

10.90

80000

60000

40000

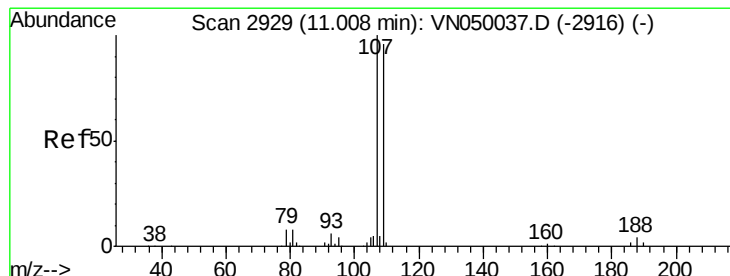
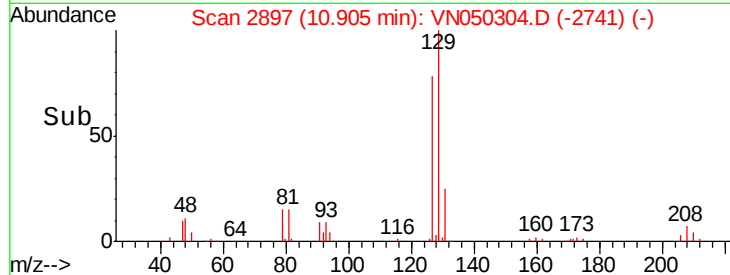
20000

0

Time-->

10.90

11.00



#54

1,2-Dibromoethane

Concen: 18.07 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. -0.00 min

Lab File: VN050304.D

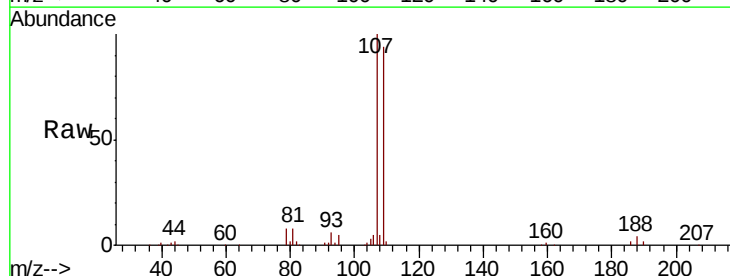
Acq: 3 Aug 2018 10:29

Tgt Ion:107 Resp: 134801

Ion Ratio Lower Upper

107 100

109 94.4 76.2 114.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

11.01

80000

60000

40000

20000

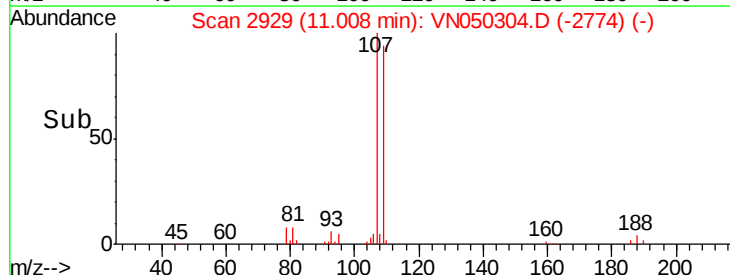
0

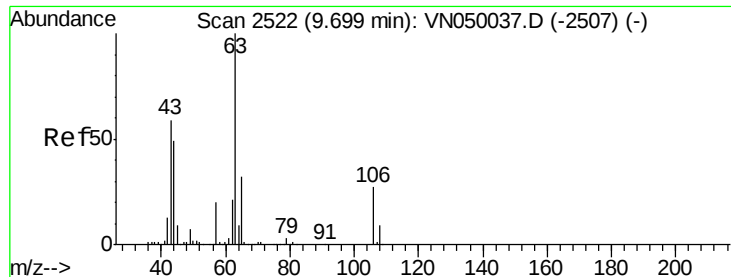
Time-->

10.90

11.00

11.10

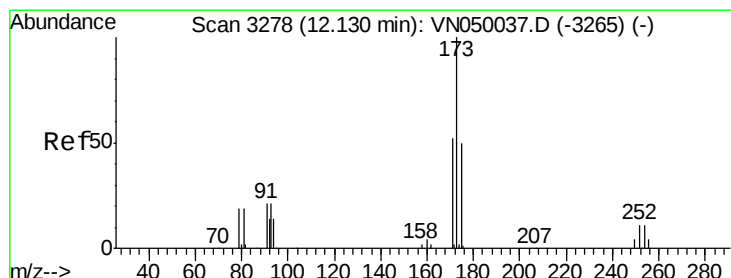
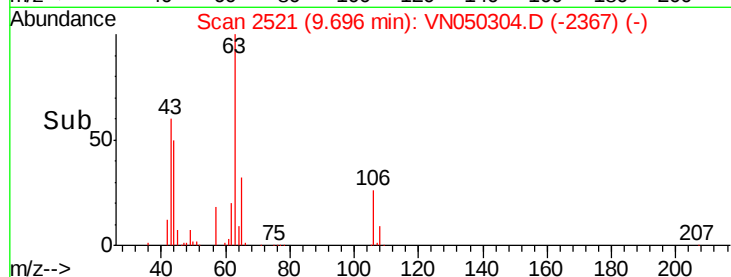
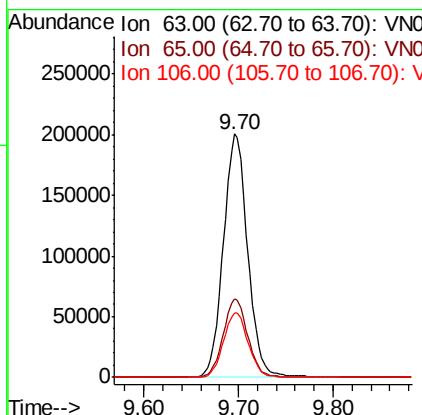
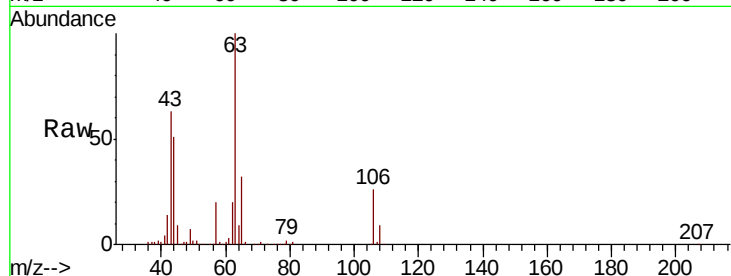




#55
2-Chloroethyl vinyl ether
Concen: 85.76 ug/l
RT: 9.70 min Scan# 2521
Delta R.T. -0.00 min
Lab File: VN050304.D
Acq: 3 Aug 2018 10:29

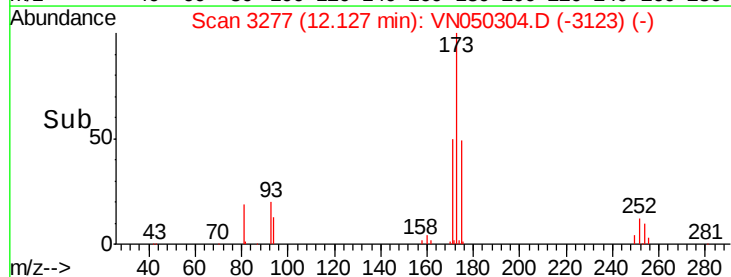
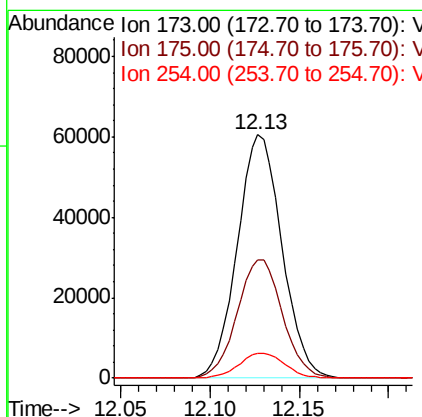
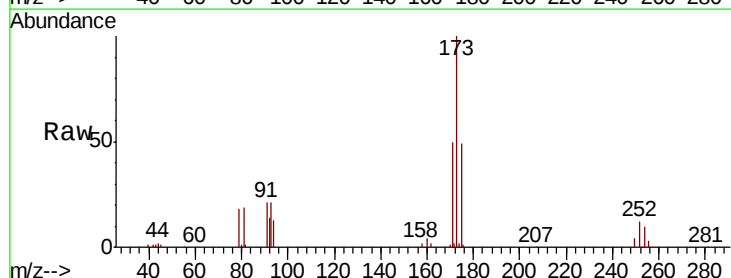
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

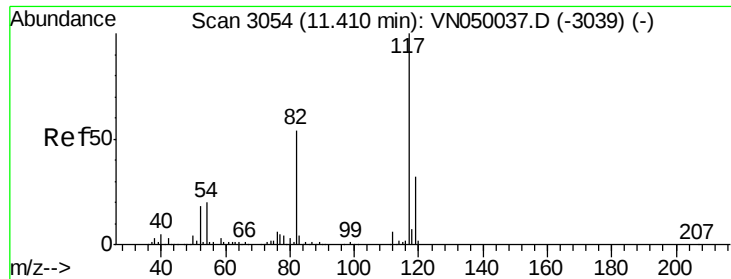
Tot Ion: 63 Resp: 358844
Ion Ratio Lower Upper
63 100
65 32.4 25.5 38.3
106 27.0 21.8 32.6



#56
Bromoform
Concen: 17.27 ug/l
RT: 12.13 min Scan# 3277
Delta R.T. -0.00 min
Lab File: VN050304.D
Acq: 3 Aug 2018 10:29

Tgt Ion: 173 Resp: 105396
Ion Ratio Lower Upper
173 100
175 49.4 38.6 57.8
254 10.6 8.8 13.2





#57

Chlorobenzene-d5

Concen: 30.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN050304.D

Acq: 3 Aug 2018 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

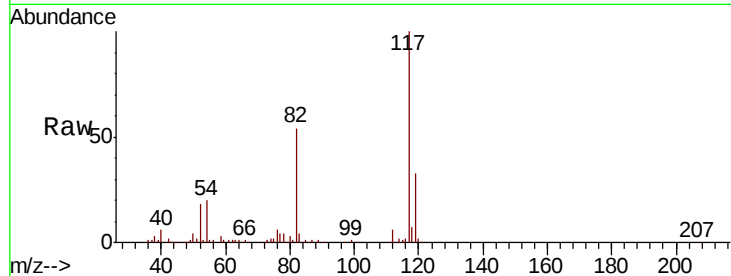
Tot Ion:117 Resp: 590778

Ion Ratio Lower Upper

117 100

82 54.1 42.4 63.6

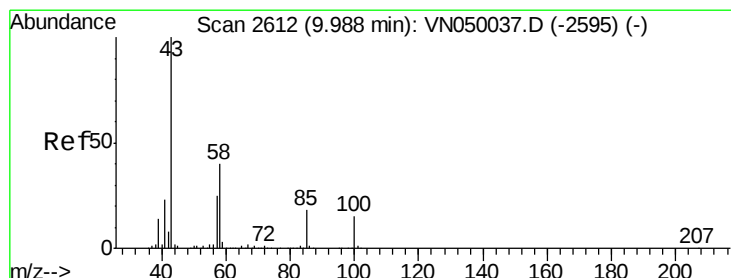
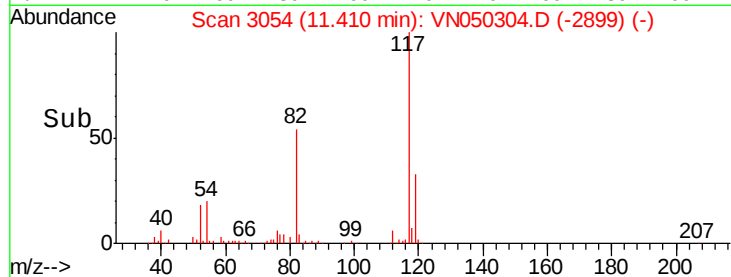
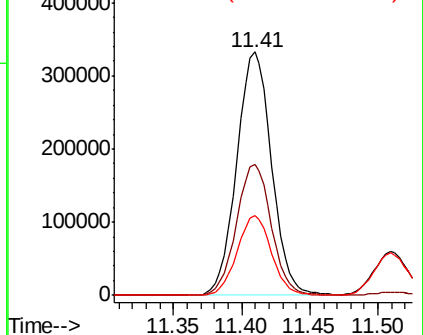
119 32.5 25.4 38.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VN

Ion 119.00 (118.70 to 119.70): V



#58

4-Methyl-2-Pentanone

Concen: 99.81 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN050304.D

Acq: 3 Aug 2018 10:29

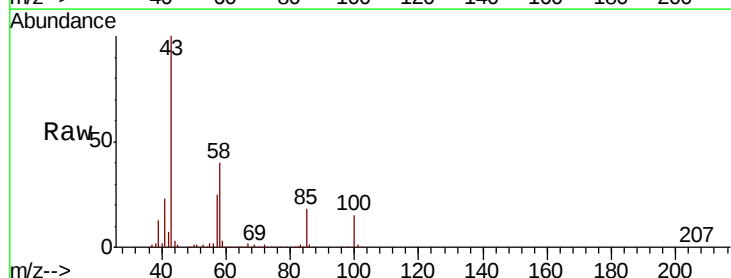
Tgt Ion: 43 Resp: 686101

Ion Ratio Lower Upper

43 100

58 39.6 31.2 46.8

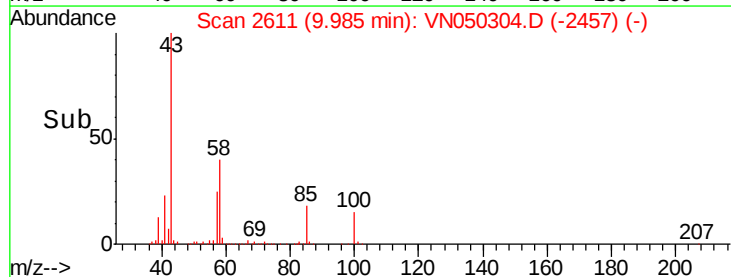
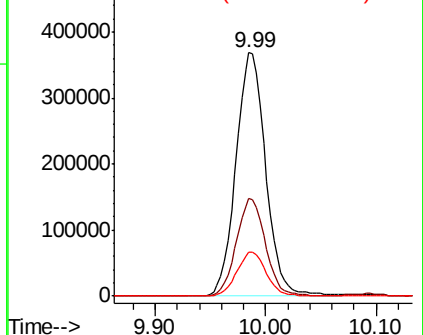
85 18.0 14.4 21.6

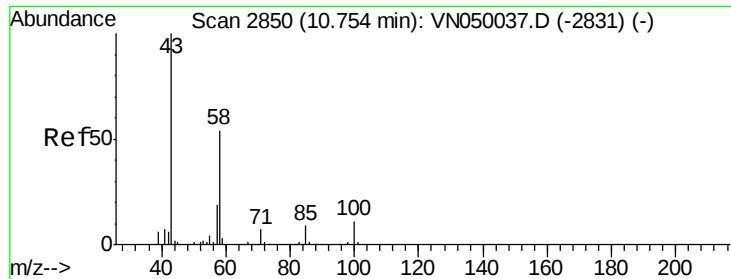


Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

Ion 85.00 (84.70 to 85.70): VN

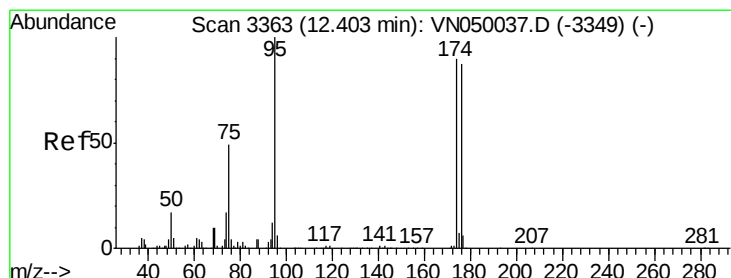
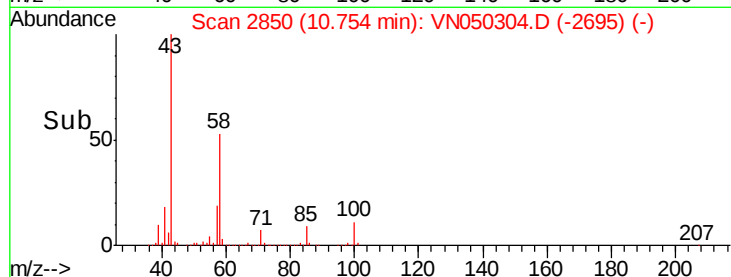
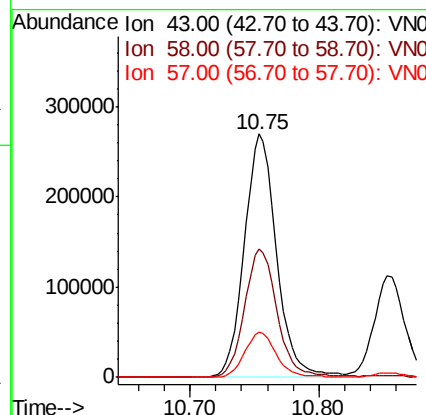
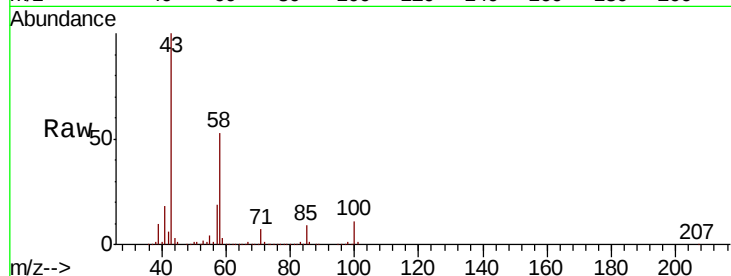




#59
2-Hexanone
Concen: 99.47 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. -0.00 min
Lab File: VN050304.D
Acq: 3 Aug 2018 10:29

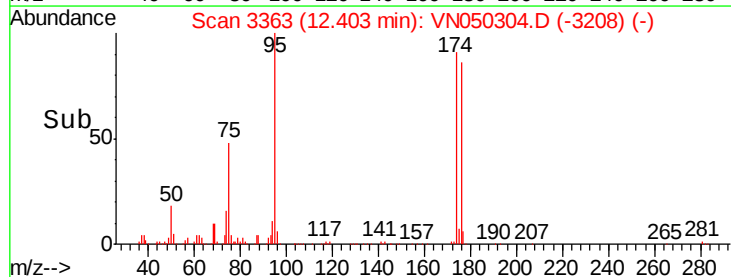
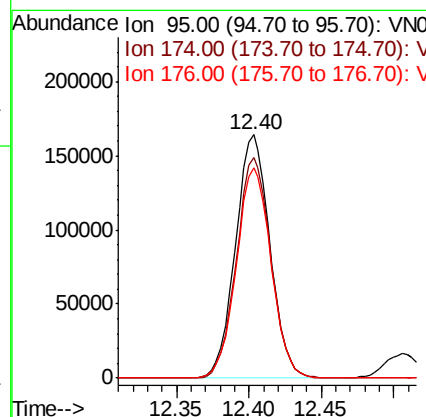
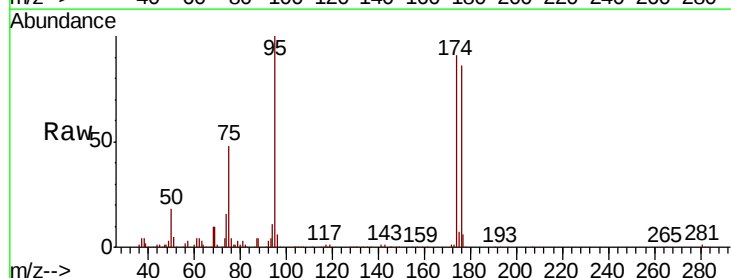
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

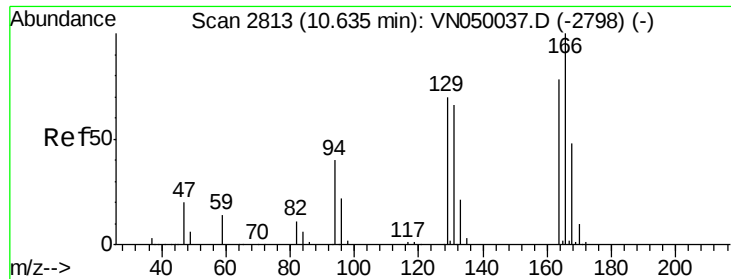
Tot Ion	Ratio	Lower	Upper
43	100		
58	53.9	43.8	65.8
57	18.6	15.1	22.7



#60
4-Bromofluorobenzene
Concen: 29.74 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN050304.D
Acq: 3 Aug 2018 10:29

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.8	72.3	108.5
176	87.2	70.0	105.0





#61

Tetrachloroethene

Concen: 18.10 ug/l

RT: 10.63 min Scan# 2812

Delta R.T. -0.00 min

Lab File: VN050304.D

Acq: 3 Aug 2018 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion:164 Resp: 144867

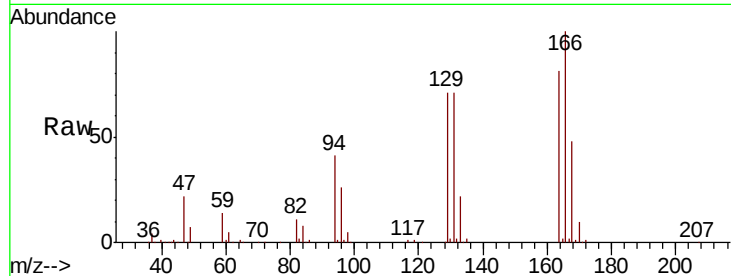
Ion Ratio Lower Upper

164 100

166 122.9 100.0 150.0

129 87.1 69.3 103.9

131 87.0 68.8 103.2

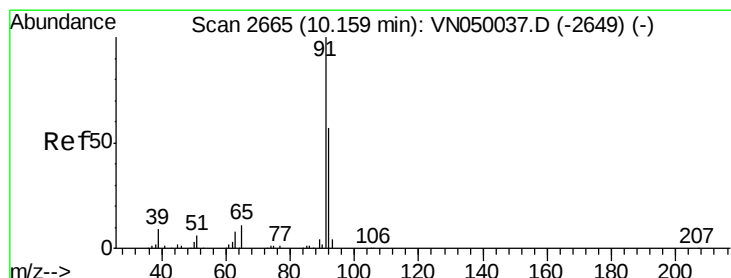
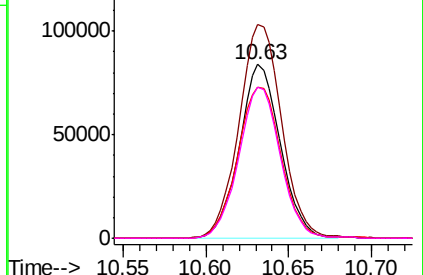
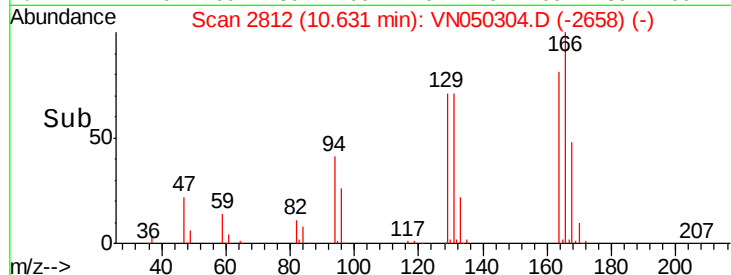


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.63 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN050304.D

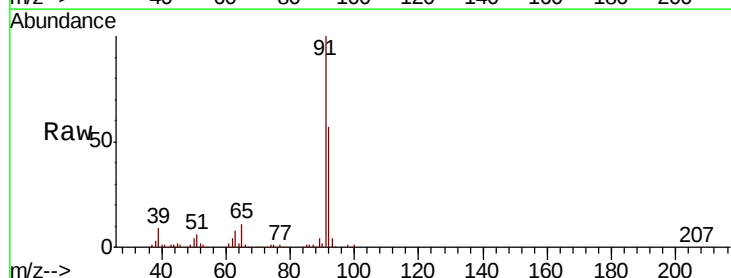
Acq: 3 Aug 2018 10:29

Tgt Ion: 91 Resp: 628110

Ion Ratio Lower Upper

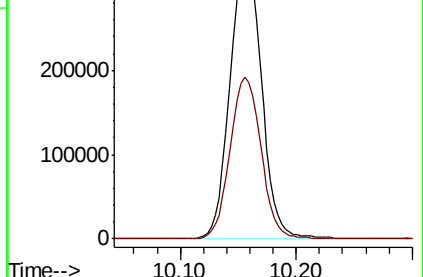
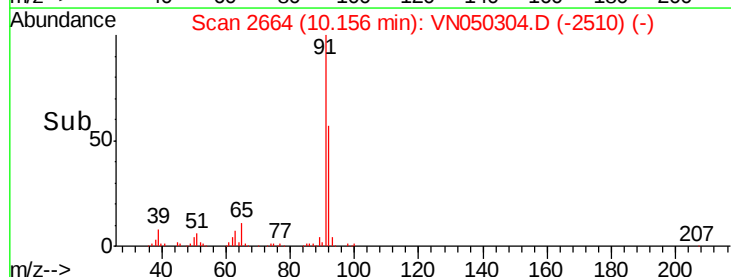
91 100

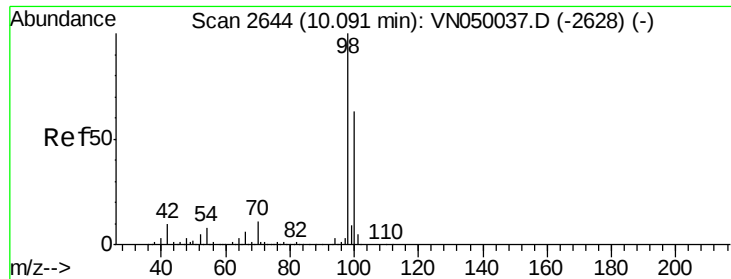
92 56.5 45.7 68.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 30.30 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050304.D

Acq: 3 Aug 2018 10:29

Instrument :

MSVOA_N

ClientSampled :

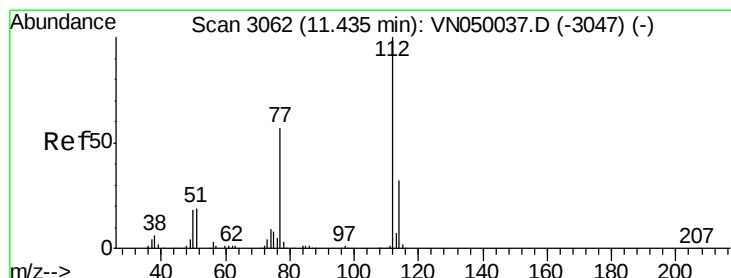
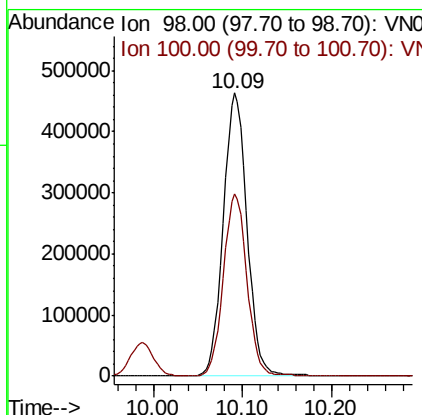
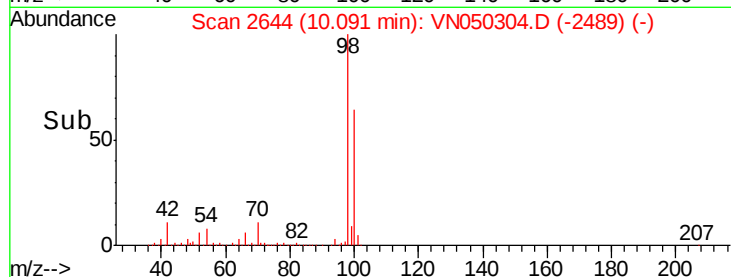
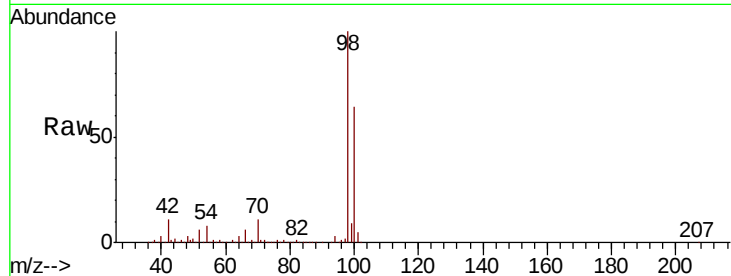
VSTDCCC020

Tot Ion: 98 Resp: 855133

Ion Ratio Lower Upper

98 100

100 63.4 51.2 76.8



#64

Chlorobenzene

Concen: 18.83 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN050304.D

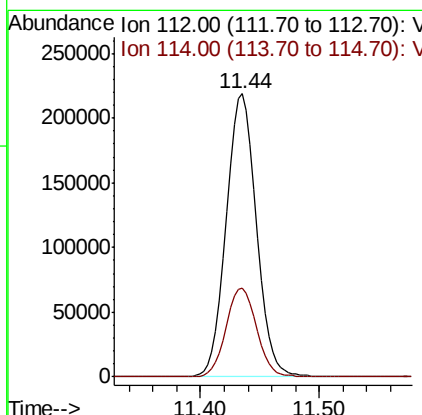
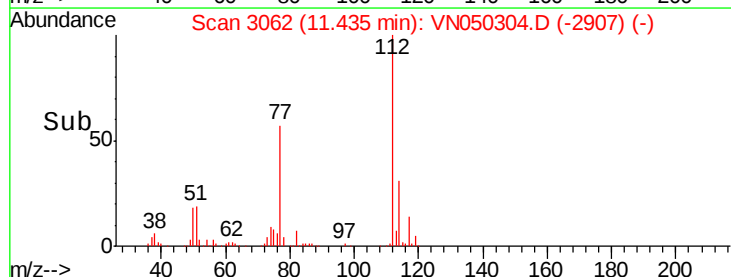
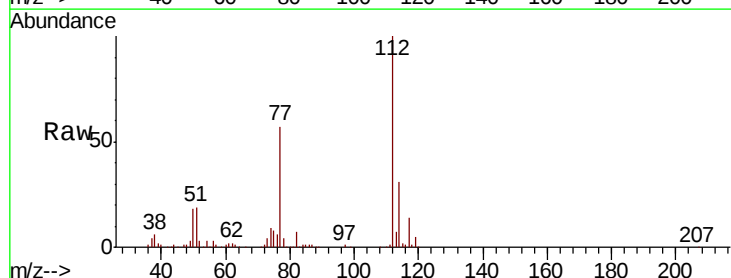
Acq: 3 Aug 2018 10:29

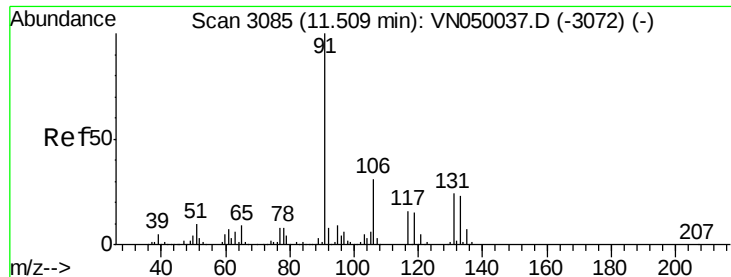
Tgt Ion: 112 Resp: 384968

Ion Ratio Lower Upper

112 100

114 31.5 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 19.12 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. -0.00 min

Lab File: VN050304.D

Acq: 3 Aug 2018 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

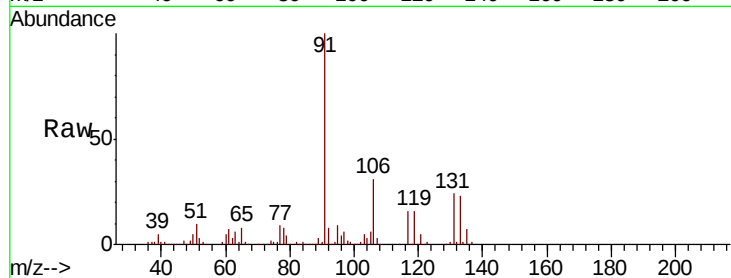
Tot Ion:131 Resp: 152401

Ion Ratio Lower Upper

131 100

133 95.7 0.0 190.0

119 66.4 0.0 131.6

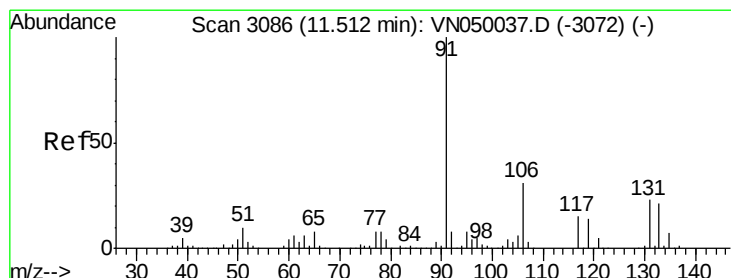
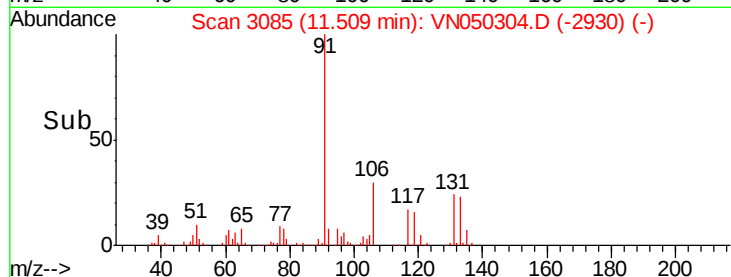
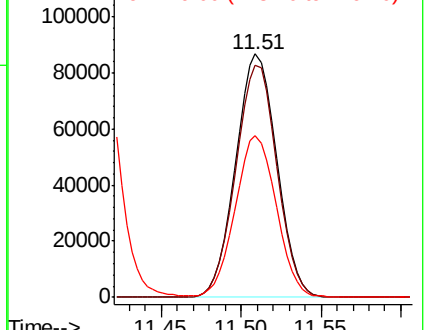


Abundance

Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.42 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. -0.00 min

Lab File: VN050304.D

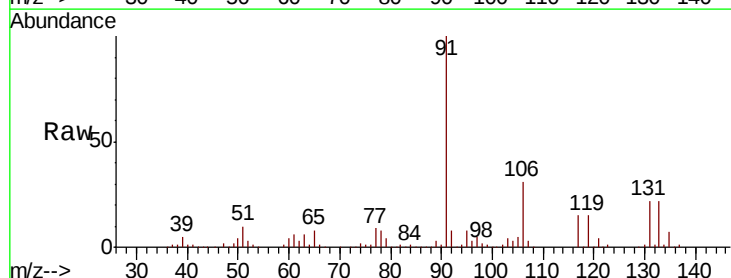
Acq: 3 Aug 2018 10:29

Tgt Ion: 91 Resp: 634623

Ion Ratio Lower Upper

91 100

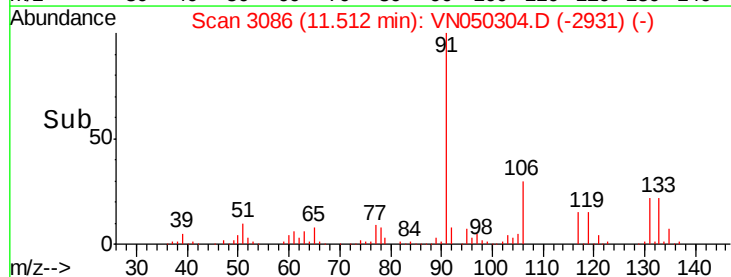
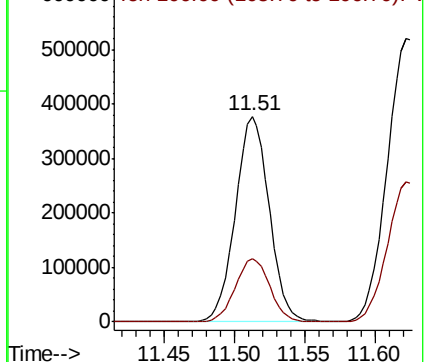
106 30.7 25.1 37.7

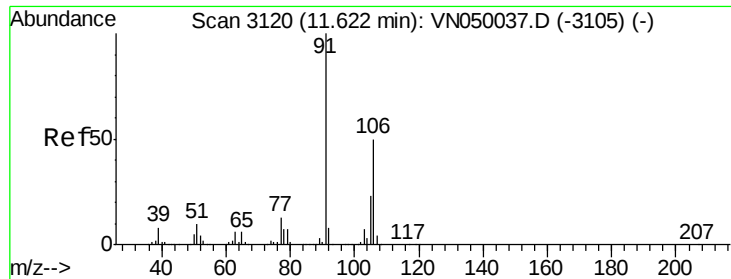


Abundance

Ion 91.00 (90.70 to 91.70): VN

Ion 106.00 (105.70 to 106.70): V

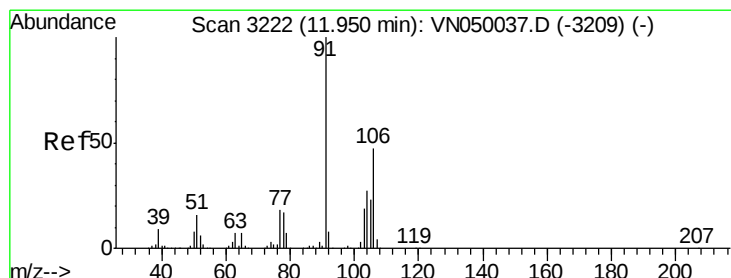
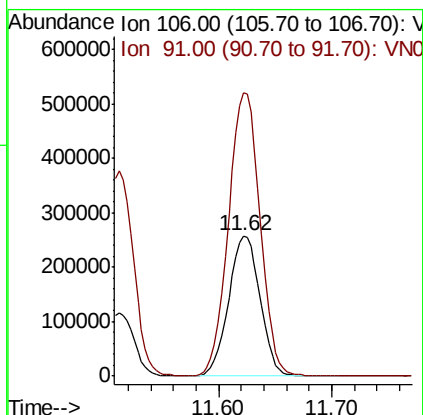
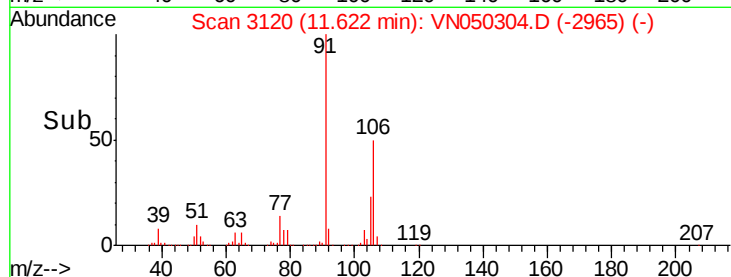
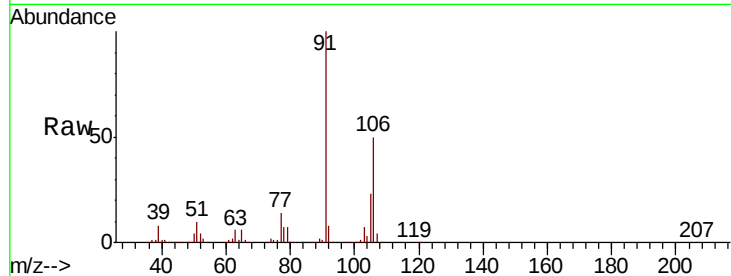




#67
m/p-Xylenes
Concen: 37.50 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. -0.00 min
Lab File: VN050304.D
Acq: 3 Aug 2018 10:29

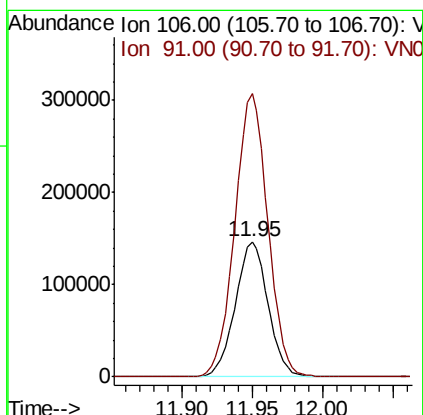
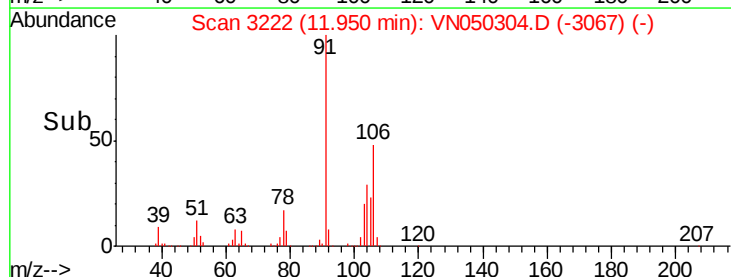
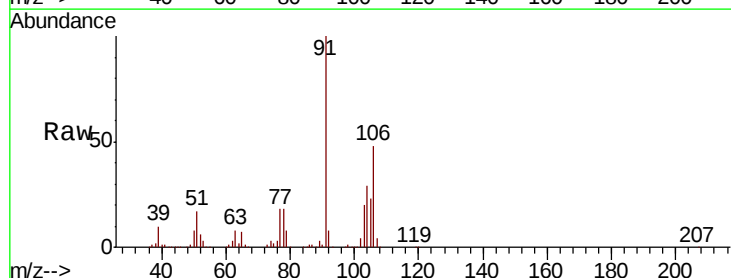
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

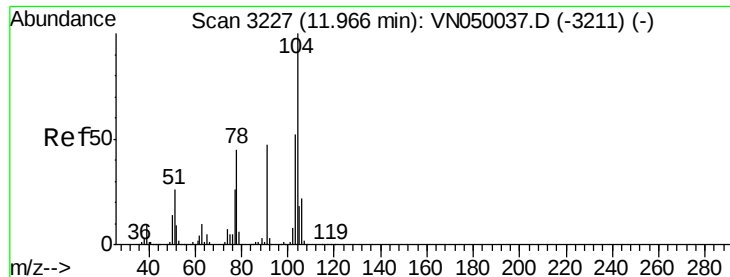
Tot Ion:106 Resp: 497071
Ion Ratio Lower Upper
106 100
91 203.2 162.5 243.7



#68
o-Xylene
Concen: 18.86 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN050304.D
Acq: 3 Aug 2018 10:29

Tgt Ion:106 Resp: 237853
Ion Ratio Lower Upper
106 100
91 212.3 106.8 320.4

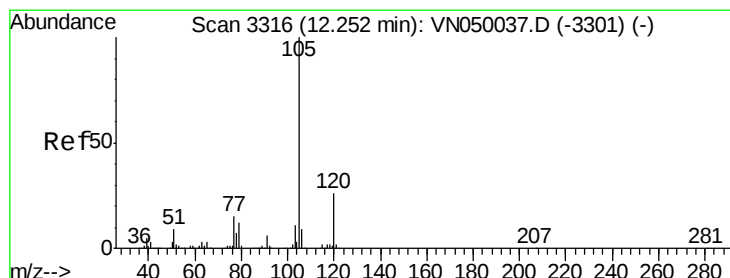
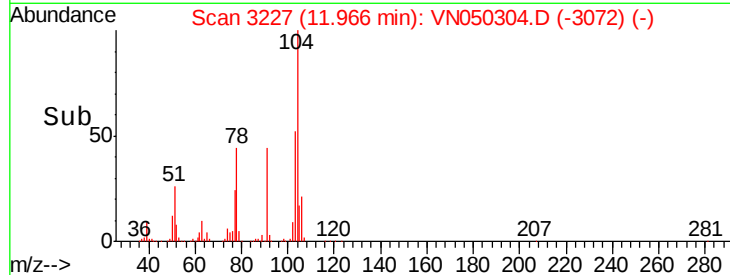
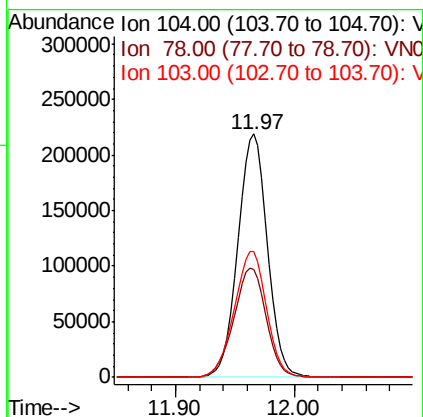
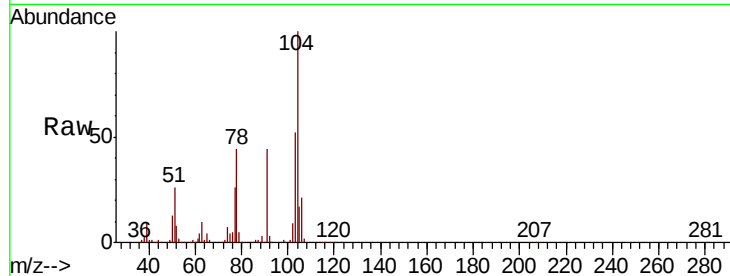




#69
Stvrene
Concen: 18.66 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. -0.00 min
Lab File: VN050304.D
Acq: 3 Aug 2018 10:29

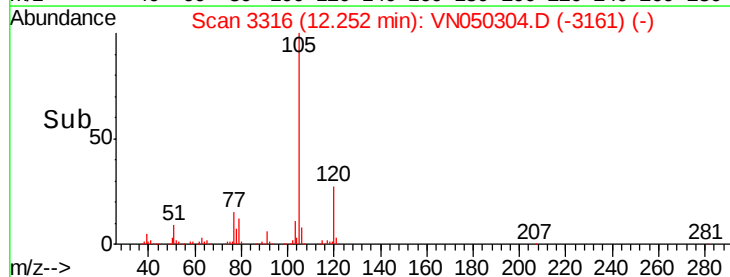
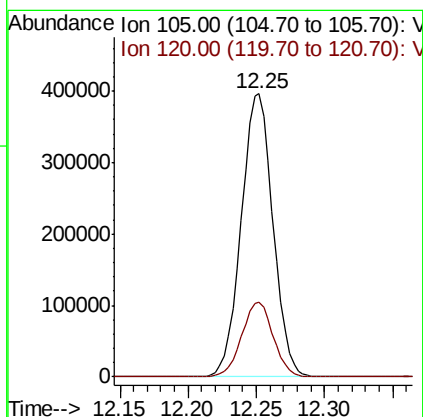
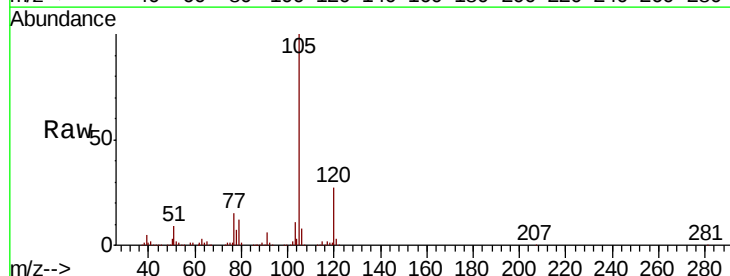
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC020

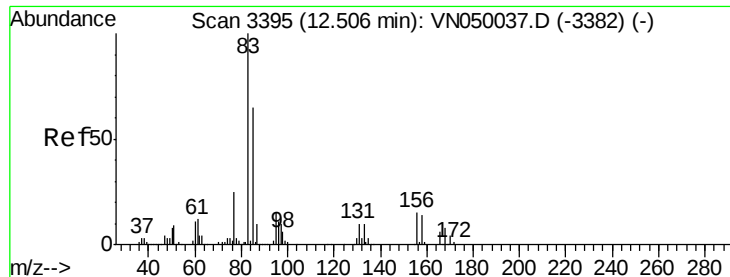
Tot Ion:104 Resp: 377277
Ion Ratio Lower Upper
104 100
78 49.2 39.3 58.9
103 56.5 44.5 66.7



#70
Isopropylbenzene
Concen: 19.00 ug/l
RT: 12.25 min Scan# 3316
Delta R.T. -0.00 min
Lab File: VN050304.D
Acq: 3 Aug 2018 10:29

Tgt Ion:105 Resp: 638311
Ion Ratio Lower Upper
105 100
120 26.2 18.9 35.1





#71

1,1,2,2-Tetrachloroethane

Concen: 19.54 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. -0.00 min

Lab File: VN050304.D

Acq: 3 Aug 2018 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

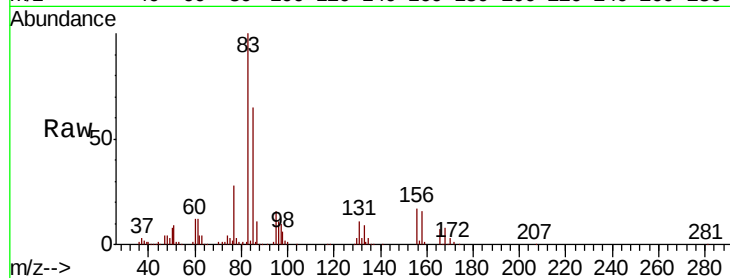
Tot Ion: 83 Resp: 180243

Ion Ratio Lower Upper

83 100

131 10.8 5.2 15.6

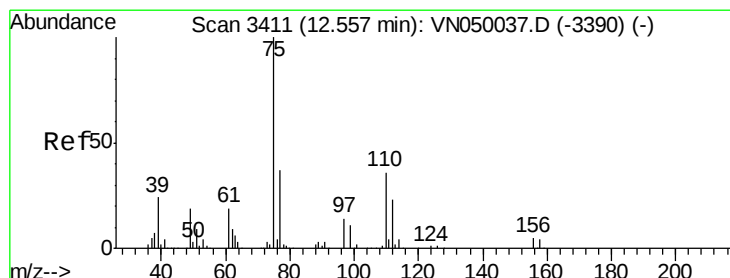
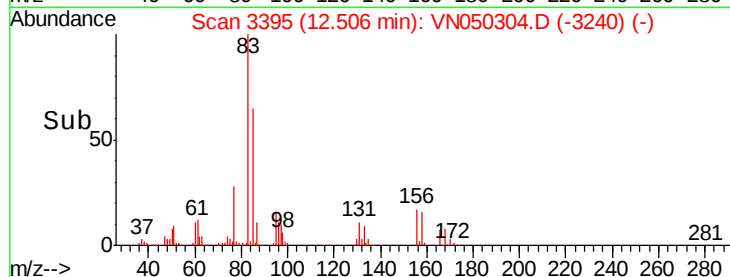
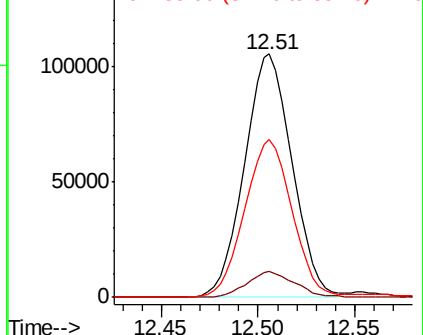
85 64.4 31.7 95.1



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 131.00 (130.70 to 131.70): VN0

Ion 85.00 (84.70 to 85.70): VN0



#72

1,2,3-Trichloropropane

Concen: 25.85 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN050304.D

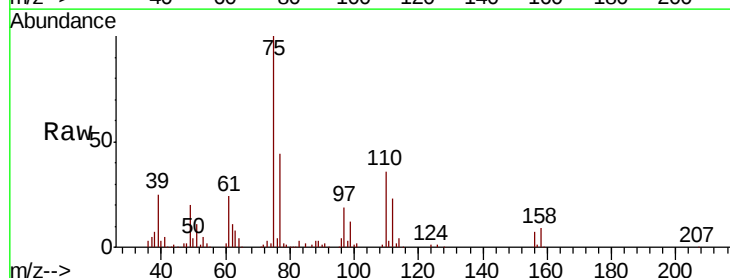
Acq: 3 Aug 2018 10:29

Tgt Ion: 75 Resp: 203605

Ion Ratio Lower Upper

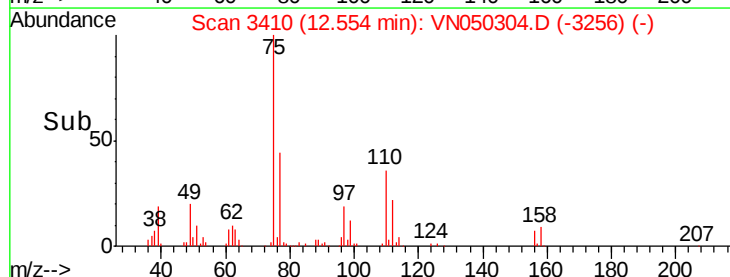
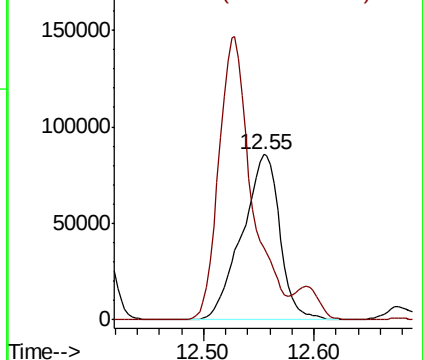
75 100

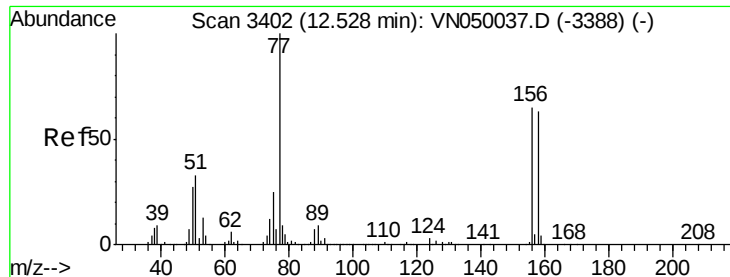
77 149.1 0.0 454.4



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





#73

Bromobenzene

Concen: 18.45 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. -0.00 min

Lab File: VN050304.D

Acq: 3 Aug 2018 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

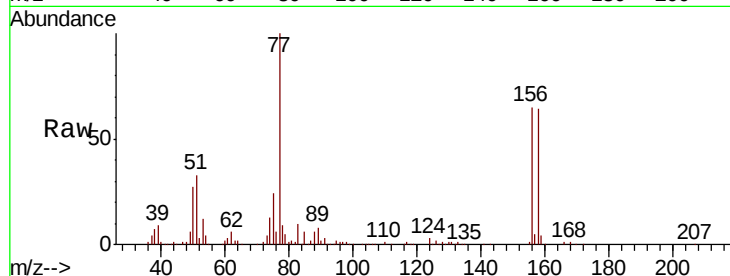
Tot Ion:156 Resp: 165066

Ion Ratio Lower Upper

156 100

77 184.0 0.0 359.8

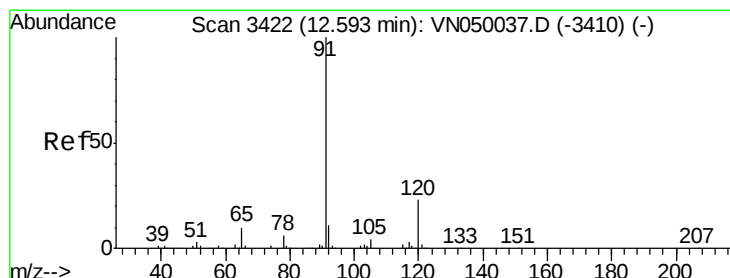
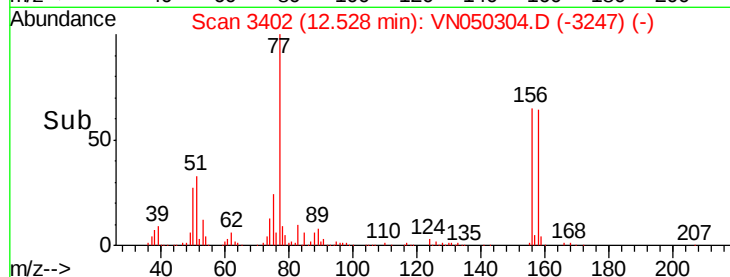
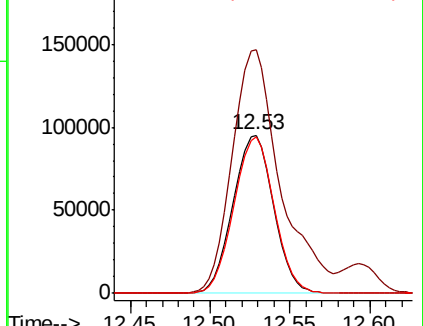
158 98.0 0.0 192.8



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.58 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN050304.D

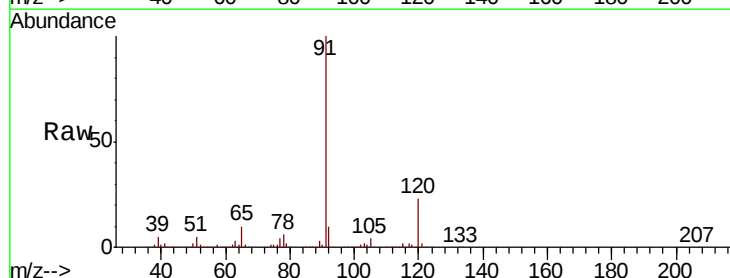
Acq: 3 Aug 2018 10:29

Tgt Ion: 91 Resp: 726887

Ion Ratio Lower Upper

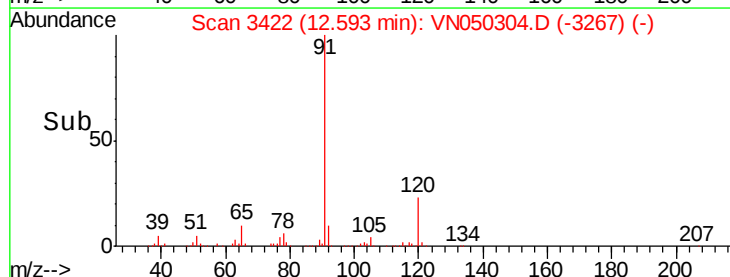
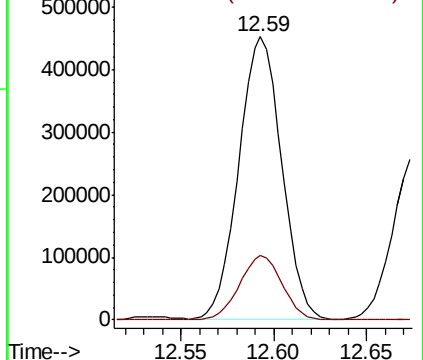
91 100

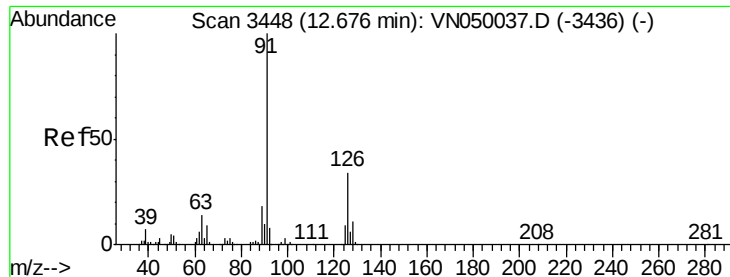
120 22.5 0.0 46.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.85 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. -0.00 min

Lab File: VN050304.D

Acq: 3 Aug 2018 10:29

Instrument :

MSVOA_N

ClientSampled :

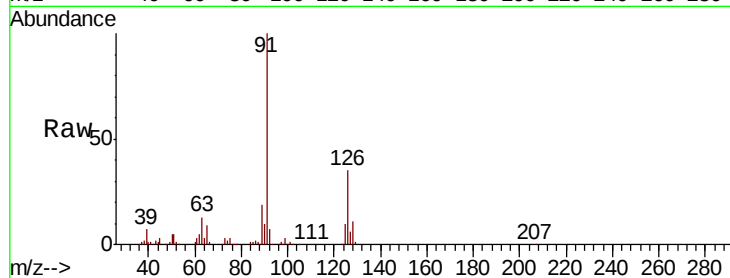
VSTDCCC020

Tot Ion: 91 Resp: 442885

Ion Ratio Lower Upper

91 100

126 34.7 0.0 68.6



Abundance Ion 91.00 (90.70 to 91.70): VN050037.D (-3436) (-)

Ion 126.00 (125.70 to 126.70): VN050037.D (-3436) (-)

500000

400000

300000

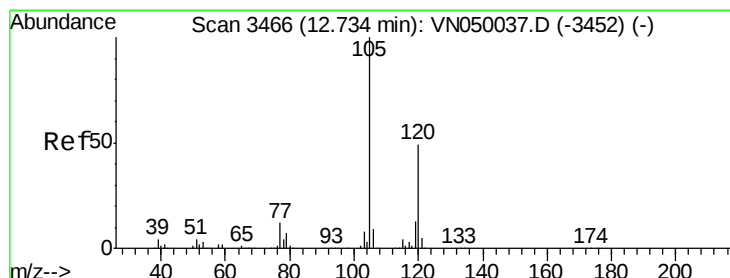
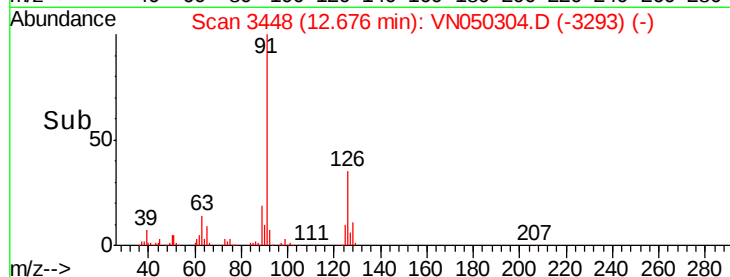
200000

100000

0

12.60 12.65 12.70

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 18.99 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN050304.D

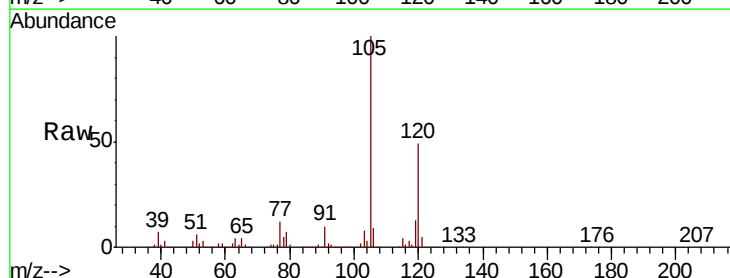
Acq: 3 Aug 2018 10:29

Tgt Ion: 105 Resp: 523921

Ion Ratio Lower Upper

105 100

120 48.2 0.0 98.0



Abundance Ion 105.00 (104.70 to 105.70): VN050037.D (-3452) (-)

Ion 120.00 (119.70 to 120.70): VN050037.D (-3452) (-)

300000

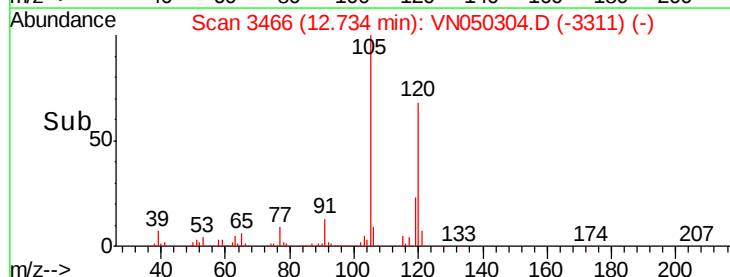
200000

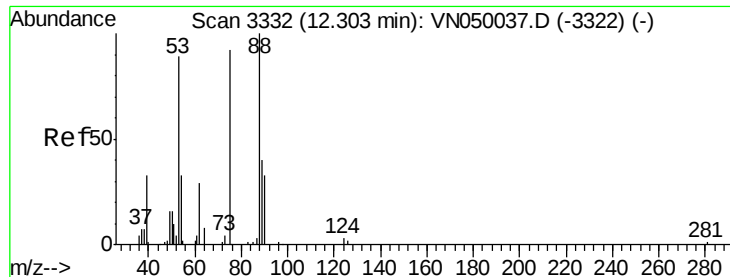
100000

0

12.70 12.80

Time-->

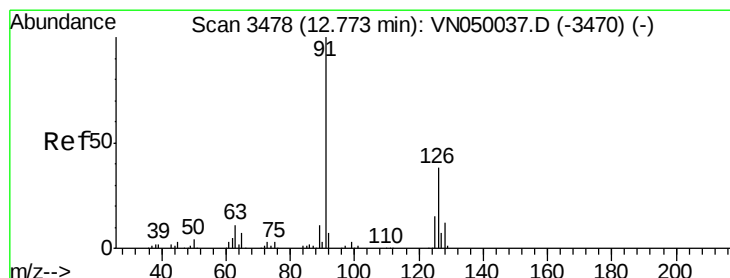
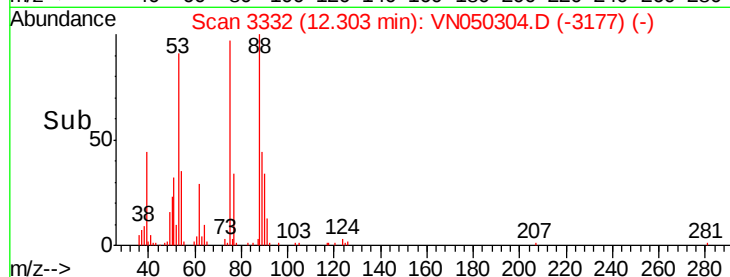
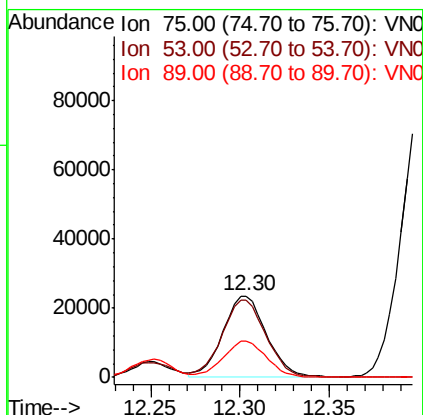
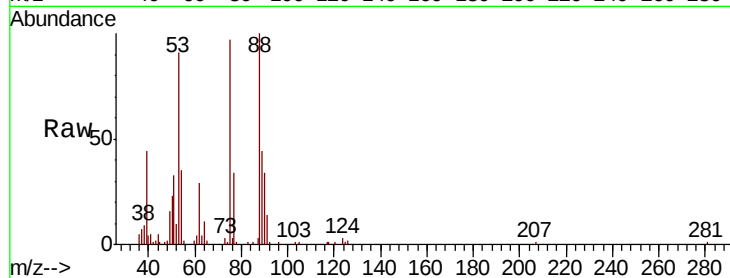




#77
t-1,4-Dichloro-2-butene
Concen: 15.55 ug/l
RT: 12.30 min Scan# 3332
Delta R.T. -0.00 min
Lab File: VN050304.D
Acq: 3 Aug 2018 10:29

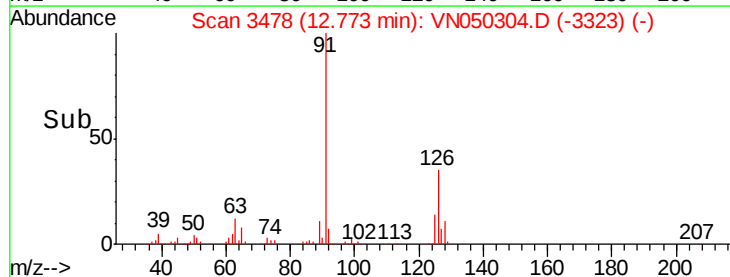
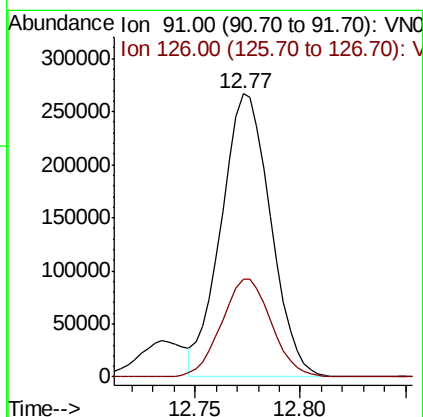
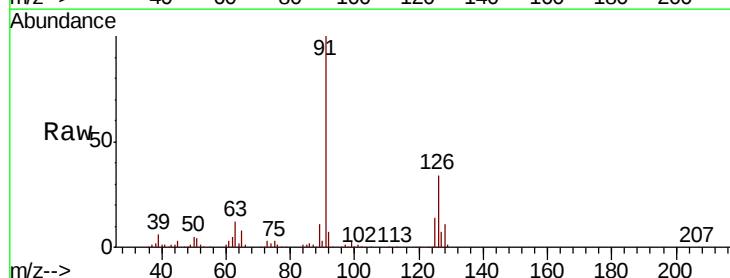
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

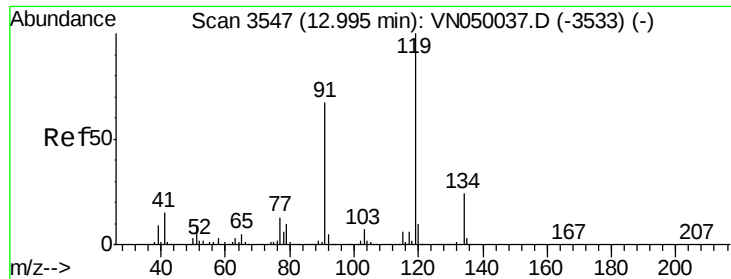
Tot Ion: 75 Resp: 40046
Ion Ratio Lower Upper
75 100
53 94.2 44.6 134.0
89 45.5 20.7 62.1



#78
4-Chlorotoluene
Concen: 18.65 ug/l
RT: 12.77 min Scan# 3478
Delta R.T. -0.00 min
Lab File: VN050304.D
Acq: 3 Aug 2018 10:29

Tgt Ion: 91 Resp: 434360
Ion Ratio Lower Upper
91 100
126 34.8 0.0 68.4

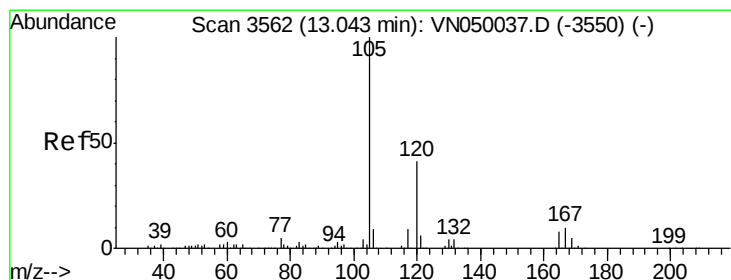
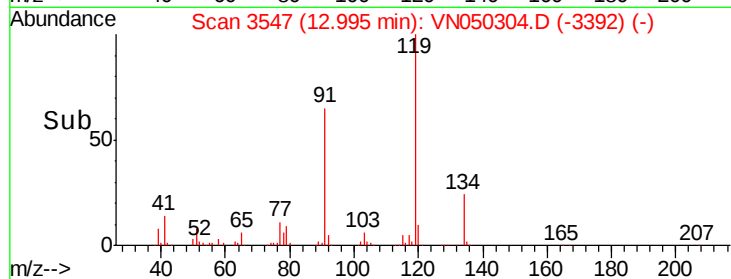
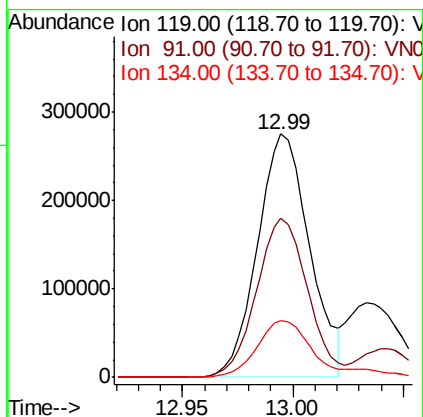
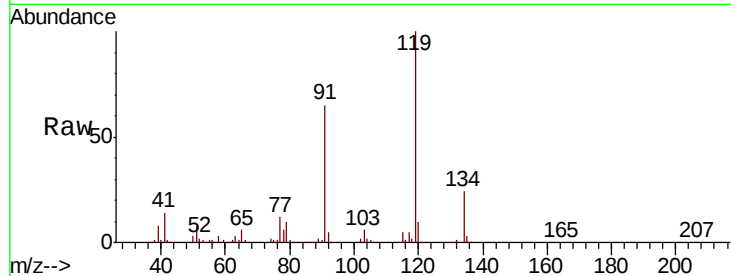




#79
tert-butylbenzene
Concen: 19.08 ug/l
RT: 12.99 min Scan# 3547
Delta R.T. -0.00 min
Lab File: VN050304.D
Acq: 3 Aug 2018 10:29

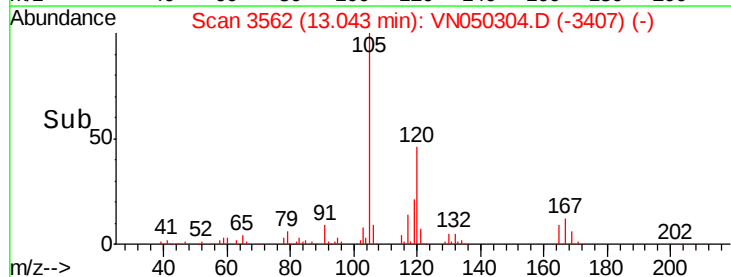
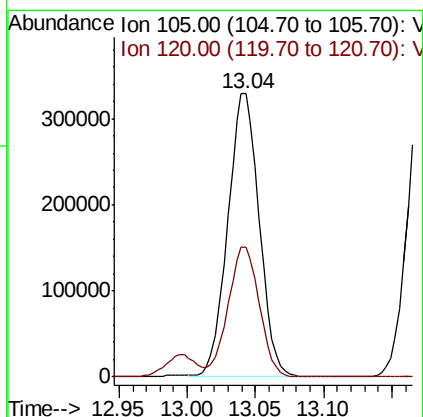
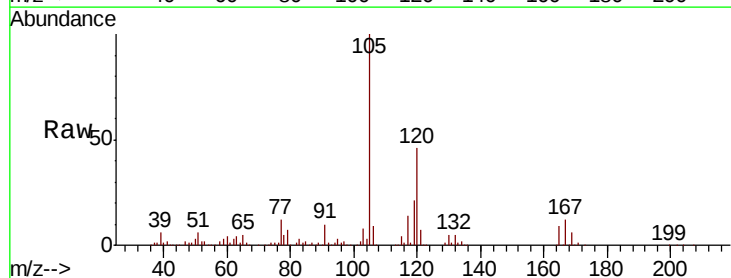
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

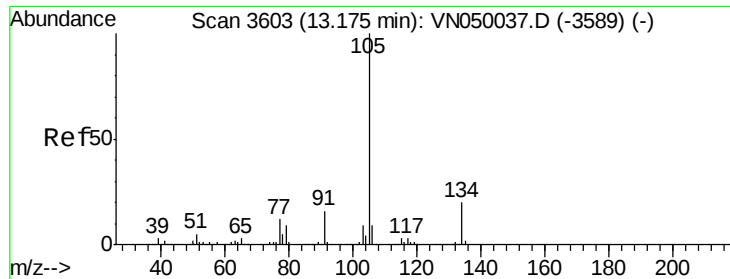
Tot Ion:119 Resp: 449990
Ion Ratio Lower Upper
119 100
91 64.0 0.0 126.8
134 23.7 0.0 47.4



#80
1,2,4-Trimethylbenzene
Concen: 18.82 ug/l
RT: 13.04 min Scan# 3562
Delta R.T. -0.00 min
Lab File: VN050304.D
Acq: 3 Aug 2018 10:29

Tgt Ion:105 Resp: 526175
Ion Ratio Lower Upper
105 100
120 45.5 0.0 90.6





#81

sec-Butylbenzene

Concen: 18.90 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN050304.D

Acq: 3 Aug 2018 10:29

Instrument :

MSVOA_N

ClientSampleId :

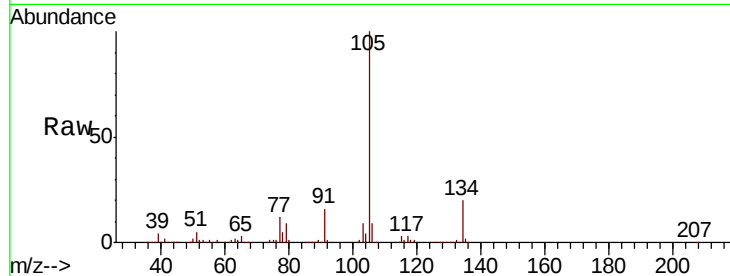
VSTDCCC020

Tot Ion:105 Resp: 605504

Ion Ratio Lower Upper

105 100

134 19.8 0.0 40.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

400000

300000

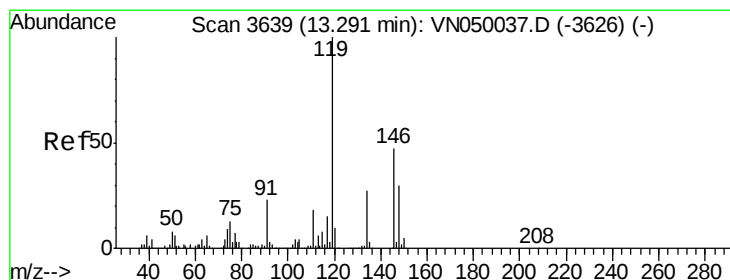
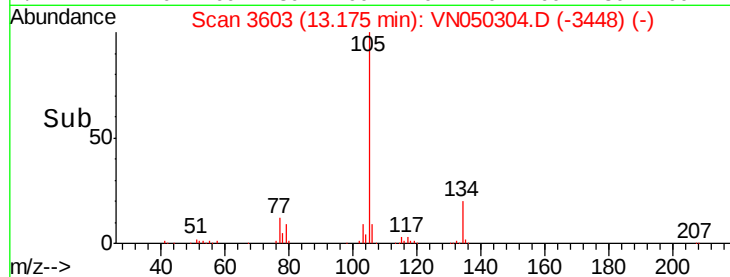
200000

100000

0

Time-->

13.10 13.15 13.20 13.25



#82

p-Isopropyltoluene

Concen: 18.83 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN050304.D

Acq: 3 Aug 2018 10:29

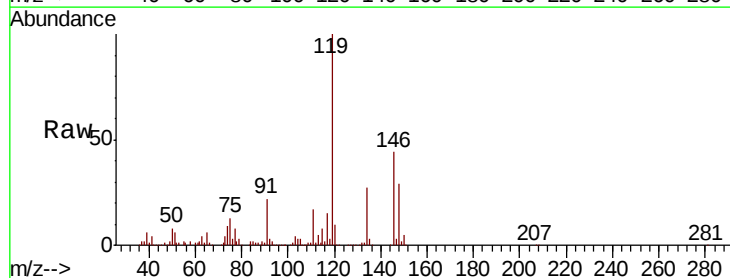
Tgt Ion:119 Resp: 514732

Ion Ratio Lower Upper

119 100

134 26.2 0.0 52.2

91 22.6 0.0 45.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

400000

300000

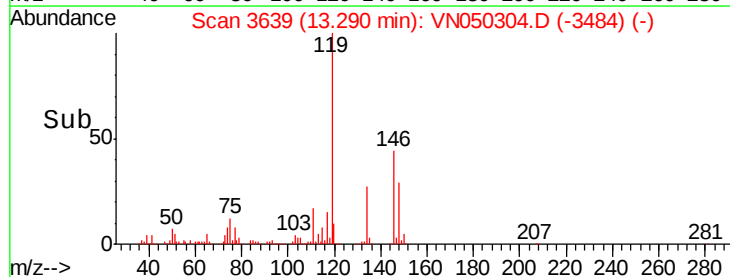
200000

100000

0

Time-->

13.25 13.30 13.35

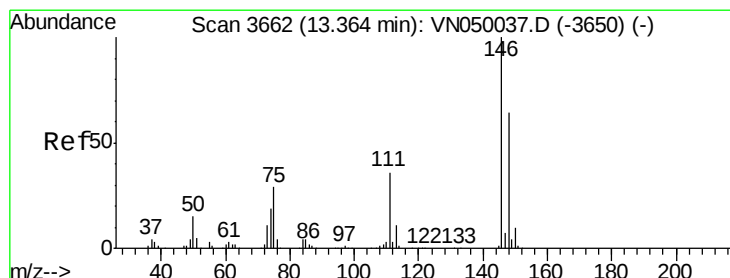
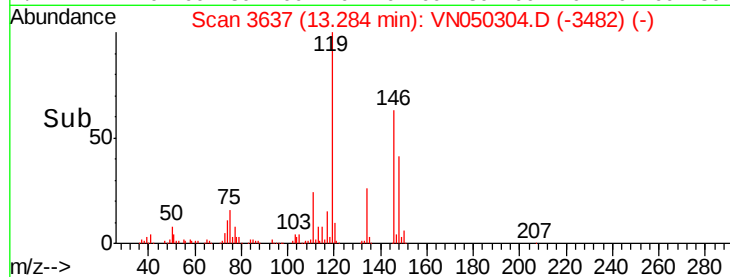
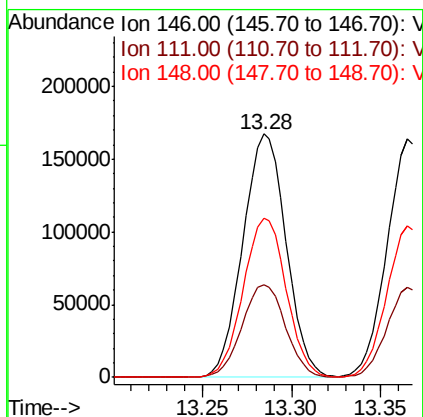
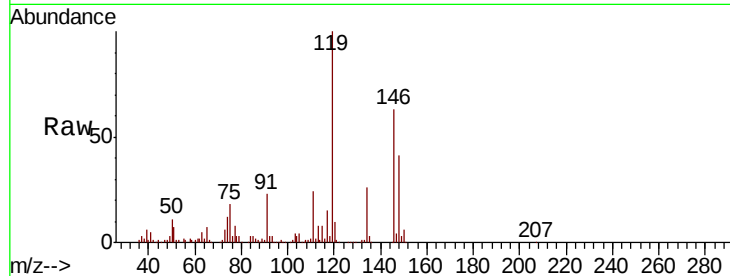




#83
 1,3-Dichlorobenzene
 Concen: 18.17 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.00 min
 Lab File: VN050304.D
 Acq: 3 Aug 2018 10:29

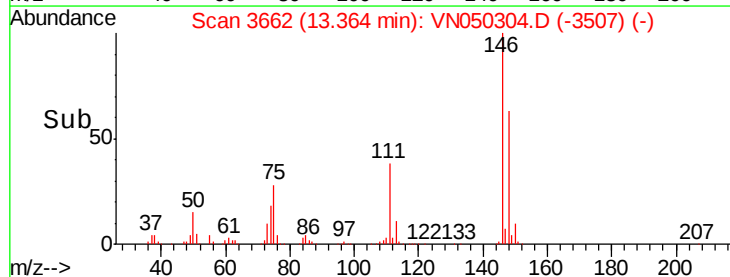
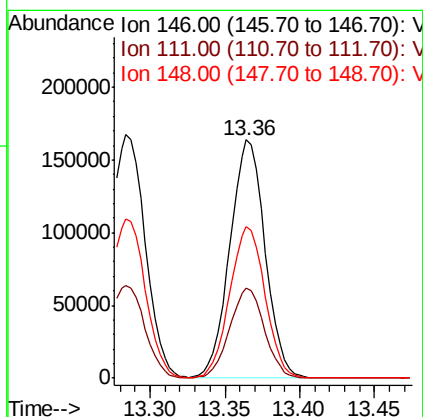
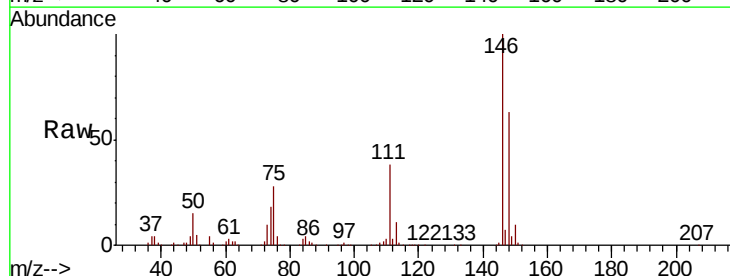
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

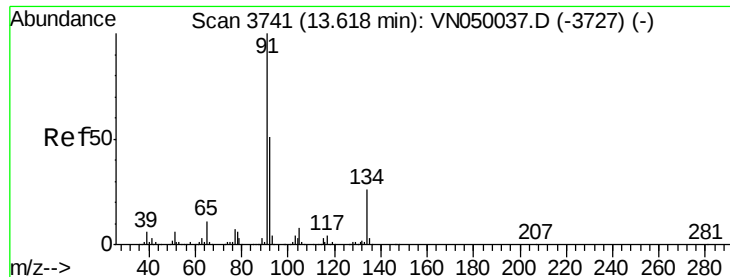
Tot Ion:146 Resp: 283109
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.1 57.1
 148 65.1 31.9 95.9



#84
 1,4-Dichlorobenzene
 Concen: 18.26 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. -0.00 min
 Lab File: VN050304.D
 Acq: 3 Aug 2018 10:29

Tgt Ion:146 Resp: 268795
 Ion Ratio Lower Upper
 146 100
 111 37.1 17.9 53.8
 148 63.5 32.4 97.0

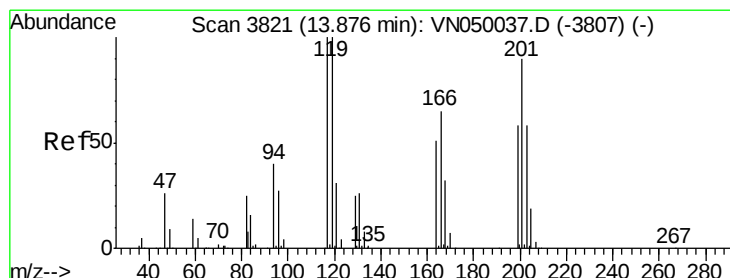
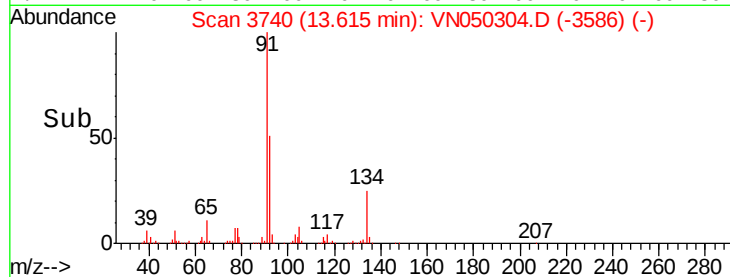
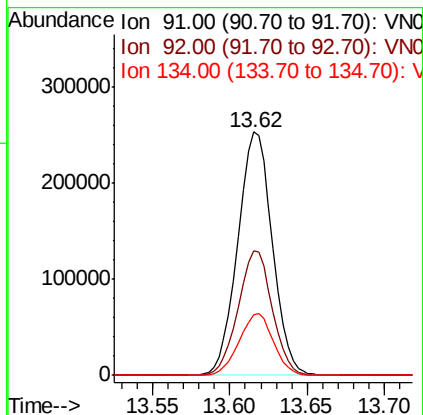
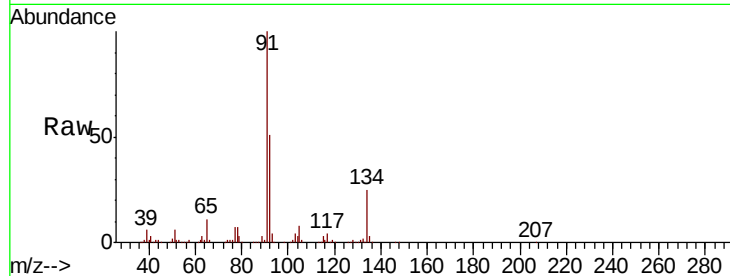




#85
n-Butylbenzene
Concen: 17.72 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN050304.D
Acq: 3 Aug 2018 10:29

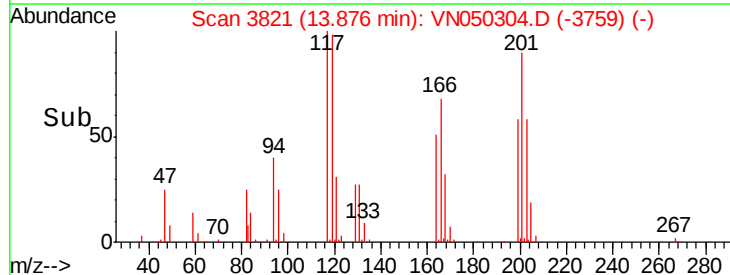
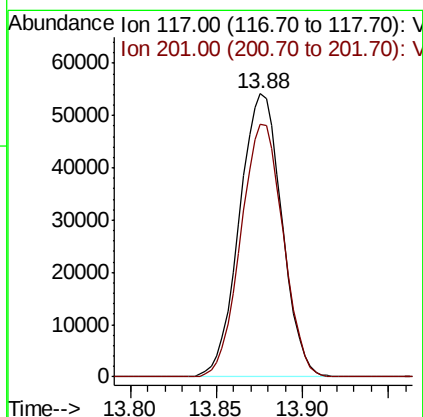
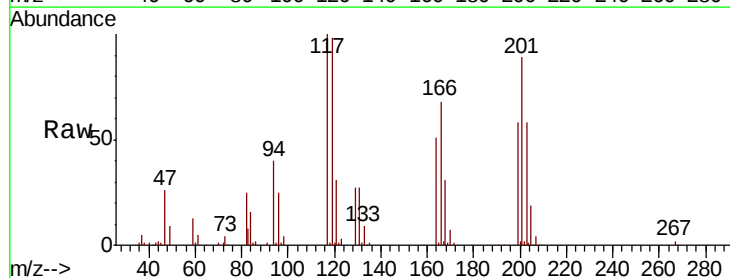
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

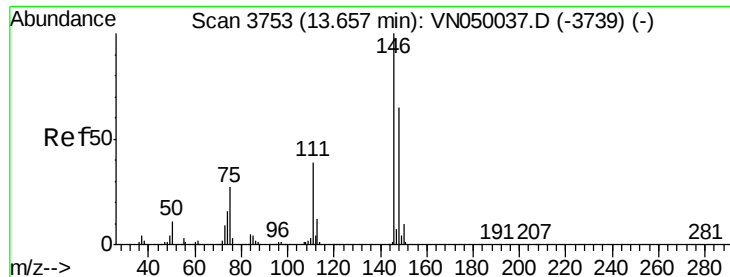
Tot Ion: 91 Resp: 393179
Ion Ratio Lower Upper
91 100
92 50.5 0.0 102.8
134 25.2 0.0 51.0



#86
Hexachloroethane
Concen: 17.02 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. -0.00 min
Lab File: VN050304.D
Acq: 3 Aug 2018 10:29

Tgt Ion: 117 Resp: 93005
Ion Ratio Lower Upper
117 100
201 89.1 46.6 139.7

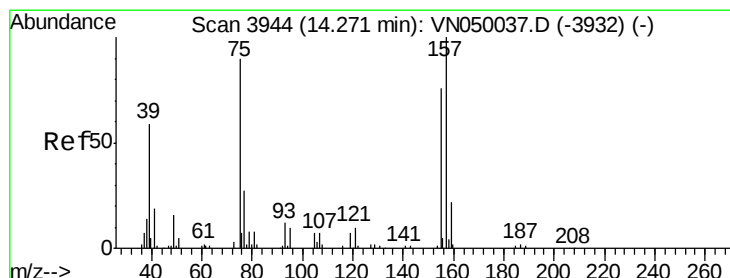
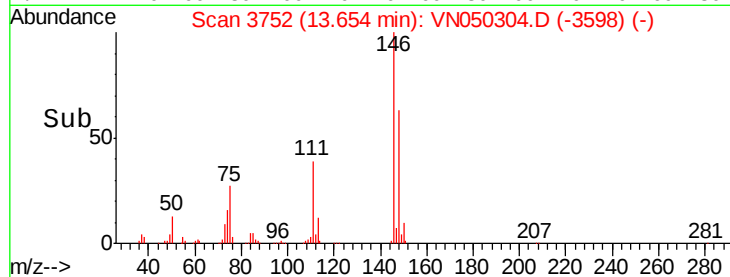
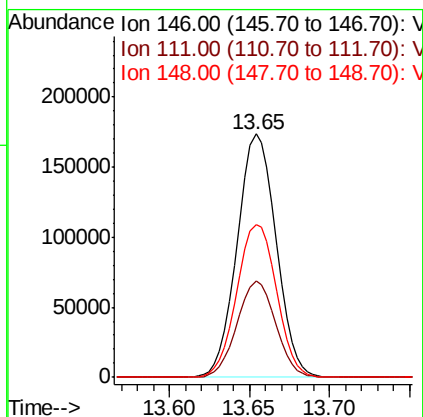
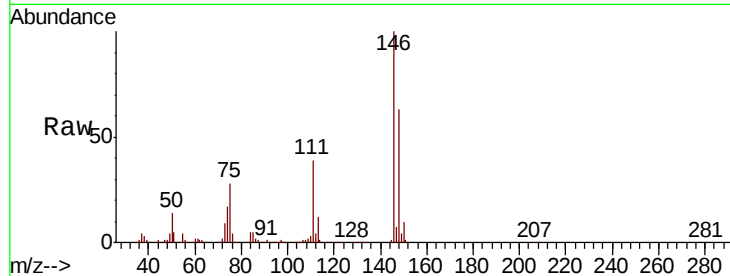




#87
 1,2-Dichlorobenzene
 Concen: 18.94 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. -0.00 min
 Lab File: VN050304.D
 Acq: 3 Aug 2018 10:29

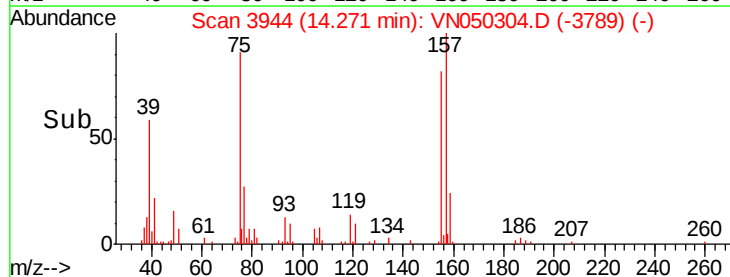
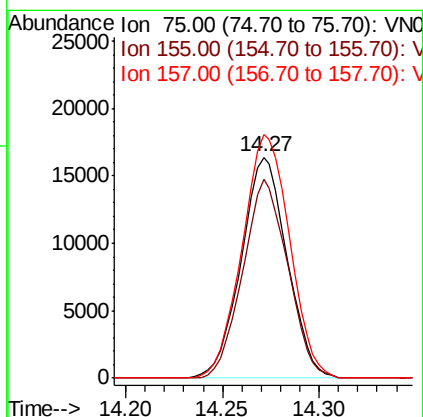
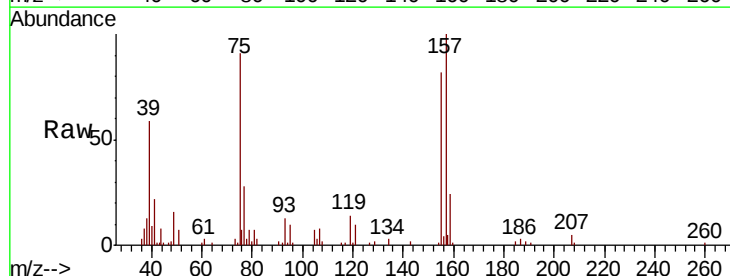
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

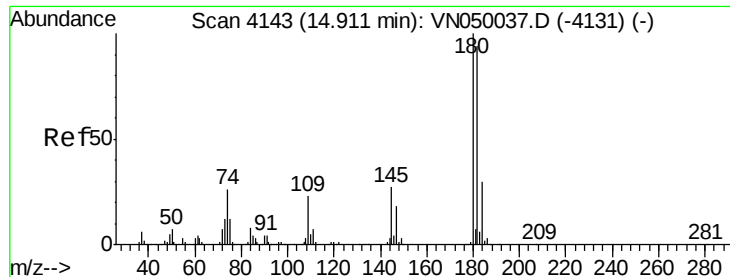
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.8	59.3
148	64.1	31.8	95.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.86 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. -0.00 min
 Lab File: VN050304.D
 Acq: 3 Aug 2018 10:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.8	73.0	109.6
157	113.8	94.9	142.3

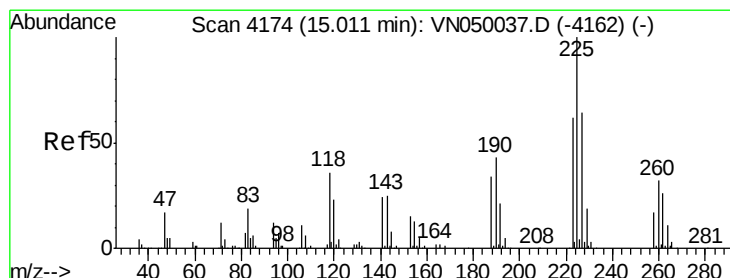
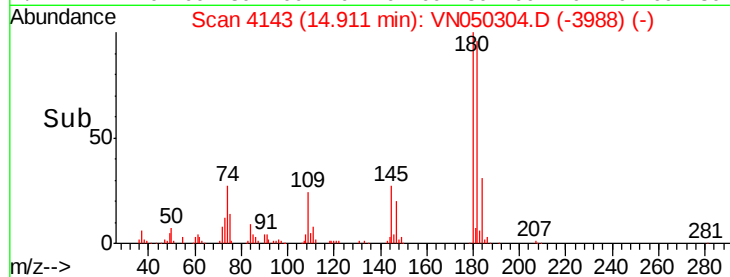
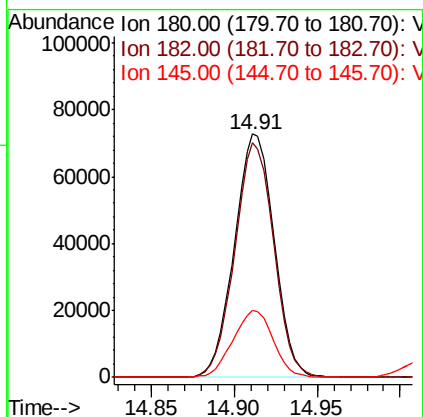
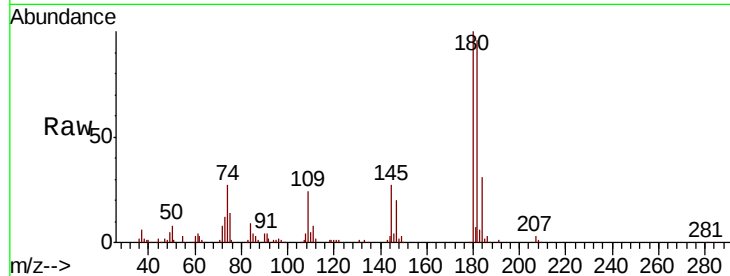




#89
 1,2,4-Trichlorobenzene
 Concen: 16.67 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: VN050304.D
 Acq: 3 Aug 2018 10:29

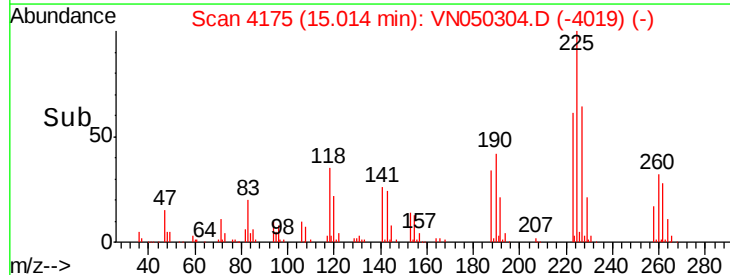
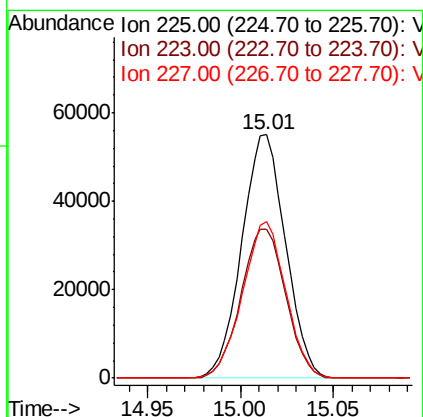
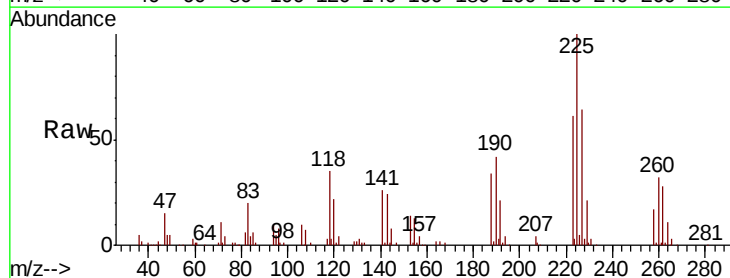
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

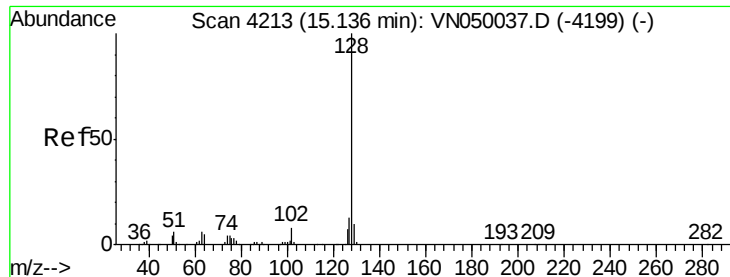
Tot Ion:180 Resp: 121293
 Ion Ratio Lower Upper
 180 100
 182 94.6 76.7 115.1
 145 27.7 23.4 35.0



#90
 Hexachlorobutadiene
 Concen: 18.82 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN050304.D
 Acq: 3 Aug 2018 10:29

Tgt Ion:225 Resp: 90274
 Ion Ratio Lower Upper
 225 100
 223 62.4 0.0 124.4
 227 63.5 0.0 133.0

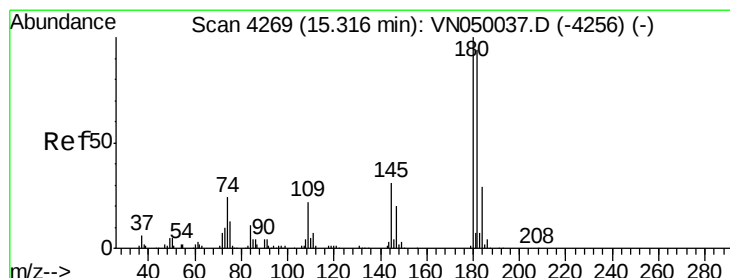
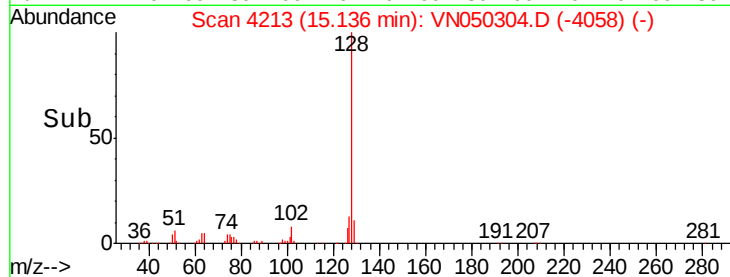
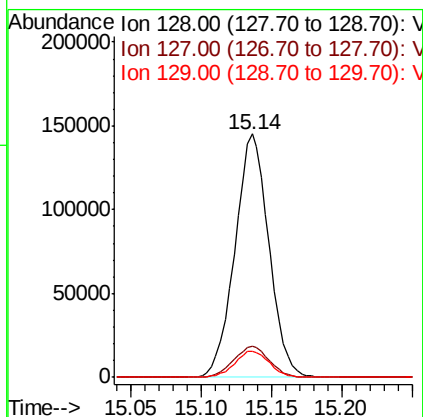
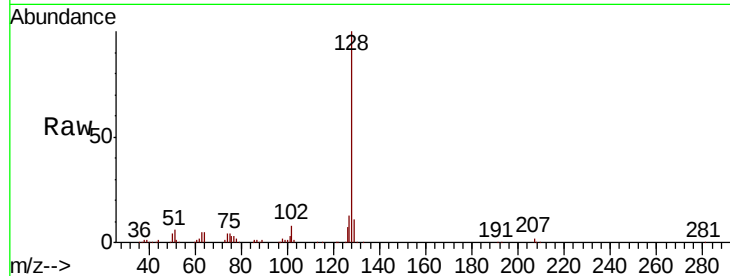




#91
Naphthalene
Concen: 18.38 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. -0.00 min
Lab File: VN050304.D
Acq: 3 Aug 2018 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.4
129	10.9	9.0	13.4



#92
1,2,3-Trichlorobenzene
Concen: 17.68 ug/l
RT: 15.32 min Scan# 4269
Delta R.T. -0.00 min
Lab File: VN050304.D
Acq: 3 Aug 2018 10:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	0.0	188.8
145	30.0	0.0	60.8

