

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
 Data File : VN050315.D
 Acq On : 3 Aug 2018 16:12
 Operator : MD\SY
 Sample : VN0803WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBSD02

Quant Time: Aug 03 23:27:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	552182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	852035	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	770463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	411947	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	416856	54.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.22%	
35) Dibromofluoromethane	7.59	113	366008	52.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.22%	
50) Toluene-d8	10.09	98	1280090	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
62) 4-Bromofluorobenzene	12.40	95	434038	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	154106	19.42	ug/l	99
3) Chloromethane	2.06	50	152409	17.67	ug/l	99
4) Vinyl Chloride	2.18	62	164263	18.09	ug/l	97
5) Bromomethane	2.56	94	73497	13.85	ug/l	97
6) Chloroethane	2.70	64	100089	18.35	ug/l	96
7) Trichlorofluoromethane	3.01	101	227652	19.35	ug/l	99
8) Diethyl Ether	3.41	74	88508	22.57	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	141613	20.02	ug/l	99
10) Methyl Iodide	3.95	142	72326	7.96	ug/l	98
11) Tert butyl alcohol	4.80	59	81844	144.38	ug/l	100
12) 1,1-Dichloroethene	3.73	96	123874	19.46	ug/l	97
13) Acrolein	3.61	56	81244	178.38	ug/l	94
14) Allyl chloride	4.32	41	208184	21.10	ug/l	97
15) Acrylonitrile	4.99	53	311083	125.78	ug/l	99
16) Acetone	3.82	43	272078	148.16	ug/l	99
17) Carbon Disulfide	4.05	76	324649	16.65	ug/l	99
18) Methyl Acetate	4.33	43	249424	34.84	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	410124	24.18	ug/l	99
20) Methylene Chloride	4.55	84	155537	22.07	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	133670	19.82	ug/l	99
22) Diisopropyl ether	5.96	45	470746	24.06	ug/l	96
23) Vinyl Acetate	5.90	43	1582277	114.43	ug/l	99
24) 1,1-Dichloroethane	5.85	63	270478	21.14	ug/l	99
25) 2-Butanone	6.84	43	383148	130.38	ug/l	99
26) 2,2-Dichloropropane	6.83	77	204490	21.01	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	158202	21.79	ug/l	99
28) Bromochloromethane	7.20	49	127674	21.88	ug/l	100
29) Tetrahydrofuran	7.22	42	249494	131.39	ug/l	99
30) Chloroform	7.37	83	280279	21.47	ug/l	97
31) Cyclohexane	7.65	56	204297	19.21	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	232785	20.84	ug/l	100
36) 1,1-Dichloropropene	7.80	75	184786	19.25	ug/l	100
37) Ethyl Acetate	6.93	43	158780	23.72	ug/l	99
38) Carbon Tetrachloride	7.78	117	192694	18.92	ug/l	99

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Quant Time: Aug 03 23:27:08 2018
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 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	177369	17.96	ug/l	99
40) Benzene	8.04	78	603982	20.68	ug/l	98
41) Methacrylonitrile	7.18	41	77518	23.76	ug/l	91
42) 1,2-Dichloroethane	8.13	62	208706	21.42	ug/l	98
43) Isopropyl Acetate	8.17	43	393710	30.78	ug/l #	96
44) Trichloroethene	8.84	130	153840	19.60	ug/l	98
45) 1,2-Dichloropropane	9.12	63	168251	21.75	ug/l	98
46) Dibromomethane	9.21	93	106557	22.18	ug/l	99
47) Bromodichloromethane	9.40	83	217821	21.48	ug/l	100
48) Methyl methacrylate	9.20	41	141030	24.47	ug/l	99
49) 1,4-Dioxane	9.20	88	43388	553.13	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	845511	128.51	ug/l	100
52) Toluene	10.16	92	366037	21.23	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	211876	22.14	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	236653	21.64	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	159118	23.27	ug/l	99
56) Ethyl methacrylate	10.43	69	196022	22.33	ug/l	99
57) 1,3-Dichloropropane	10.71	76	255379	22.93	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	428603	104.17	ug/l	100
59) 2-Hexanone	10.75	43	577018	122.06	ug/l	100
60) Dibromochloromethane	10.90	129	167974	22.18	ug/l	99
61) 1,2-Dibromoethane	11.01	107	153223	22.58	ug/l	99
64) Tetrachloroethene	10.63	164	151278	20.42	ug/l	98
65) Chlorobenzene	11.44	112	403330	20.72	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	156271	20.90	ug/l	99
67) Ethyl Benzene	11.51	91	645820	20.66	ug/l	100
68) m/p-Xylenes	11.62	106	509022	43.05	ug/l	99
69) o-Xylene	11.95	106	244801	21.72	ug/l	99
70) Styrene	11.97	104	404638	20.73	ug/l	99
71) Bromoform	12.13	173	119439	21.96	ug/l #	100
73) Isopropylbenzene	12.25	105	638195	19.98	ug/l	100
74) N-amyl acetate	12.07	43	232554	23.82	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	216526	24.47	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	252714	33.01	ug/l #	100
77) Bromobenzene	12.53	156	178023	20.10	ug/l	95
78) n-propylbenzene	12.59	91	735738	20.60	ug/l	99
79) 2-Chlorotoluene	12.68	91	455705	20.59	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	537578	21.39	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	50529	20.93	ug/l	95
82) 4-Chlorotoluene	12.77	91	474132	21.63	ug/l	100
83) tert-Butylbenzene	12.99	119	462945	21.11	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	563076	22.23	ug/l	99
85) sec-Butylbenzene	13.17	105	613623	20.94	ug/l	100
86) p-Isopropyltoluene	13.29	119	524737	21.25	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	313657	20.90	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	306732	20.96	ug/l	98
89) n-Butylbenzene	13.62	91	421828	20.78	ug/l	99
90) Hexachloroethane	13.88	117	77579	14.15	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	316744	21.11	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	36447	25.20	ug/l	98

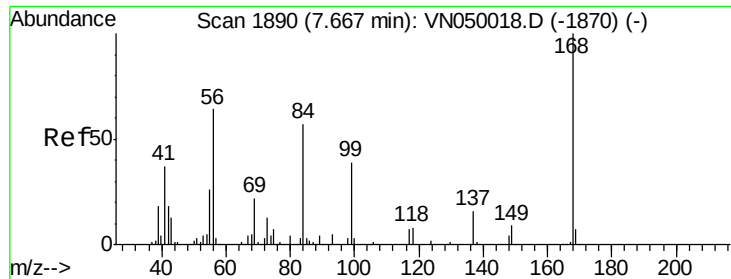
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
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Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	165735	22.63	ug/l	96
94) Hexachlorobutadiene	15.01	225	91802	19.98	ug/l	100
95) Naphthalene	15.14	128	423328	24.93	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	172560	23.49	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050315.D

Acq: 3 Aug 2018 16:12

Instrument :

MSVOA_N

ClientSampleId :

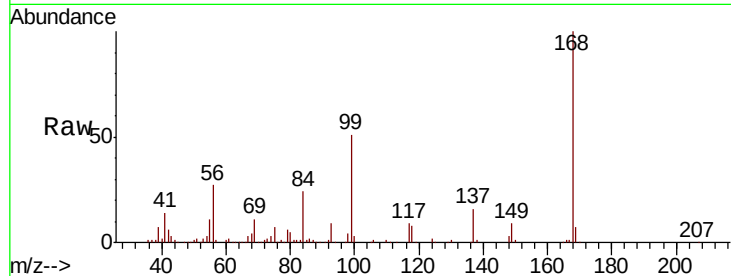
VN0803WBSD02

Tot Ion:168 Resp: 552182

Ion Ratio Lower Upper

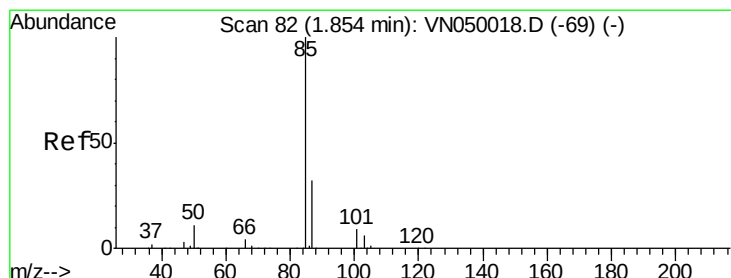
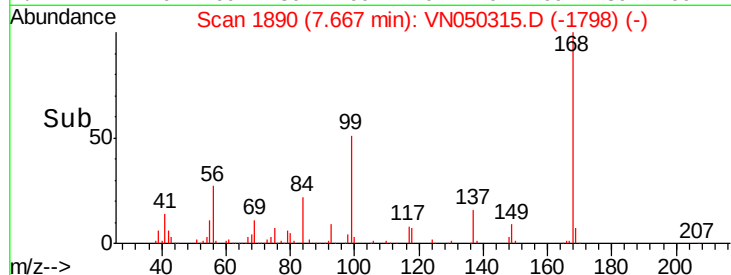
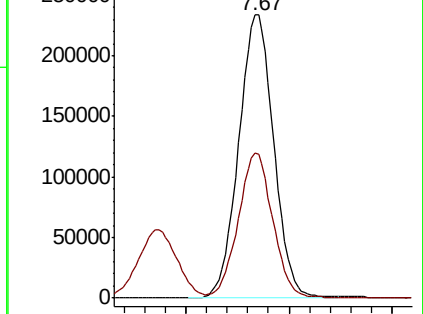
168 100

99 50.8 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 19.42 ug/l

RT: 1.85 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN050315.D

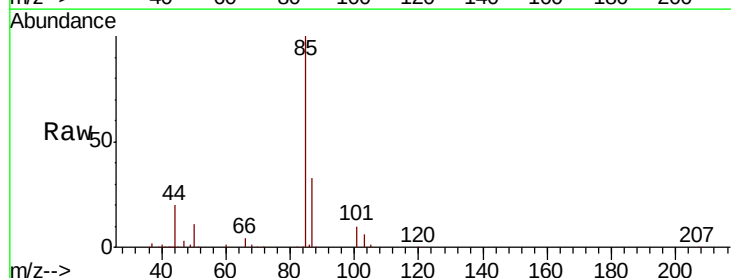
Acq: 3 Aug 2018 16:12

Tgt Ion: 85 Resp: 154106

Ion Ratio Lower Upper

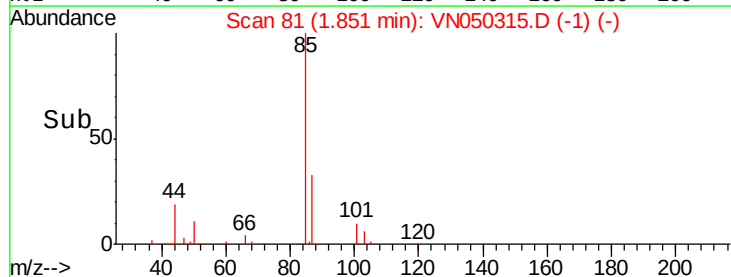
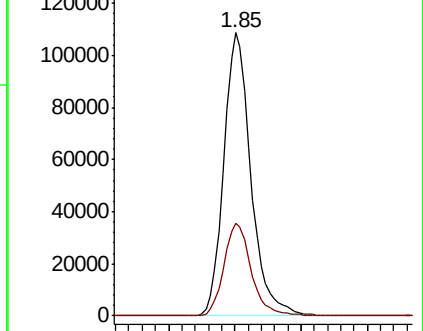
85 100

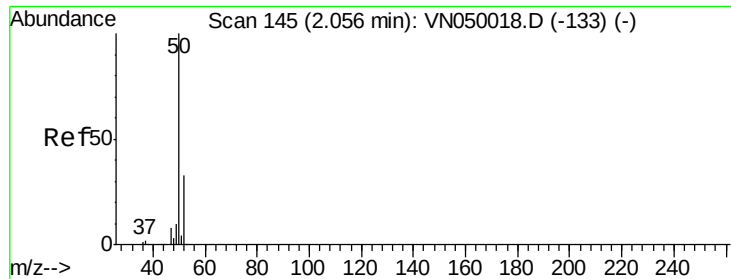
87 32.7 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 17.67 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050315.D

Acq: 3 Aug 2018 16:12

Instrument :

MSVOA_N

ClientSampleId :

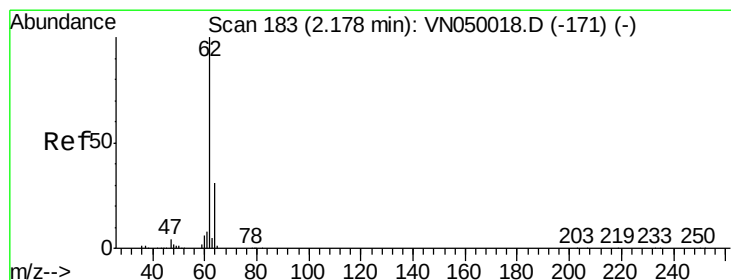
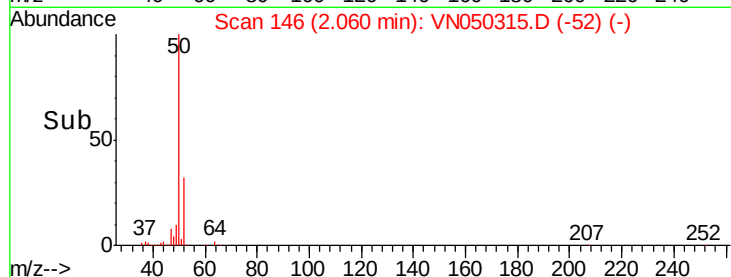
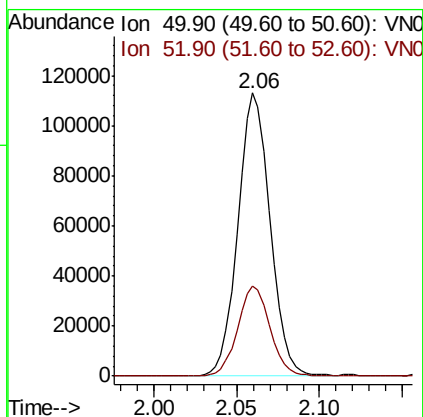
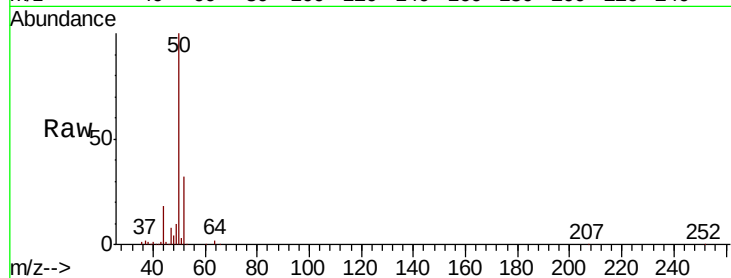
VN0803WBSD02

Tot Ion: 50 Resp: 152409

Ion Ratio Lower Upper

50 100

52 31.9 25.9 38.9



#4

Vinyl Chloride

Concen: 18.09 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN050315.D

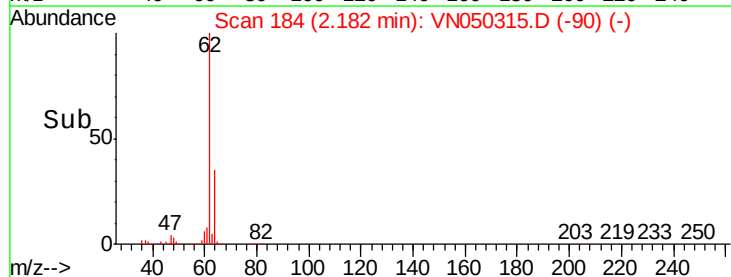
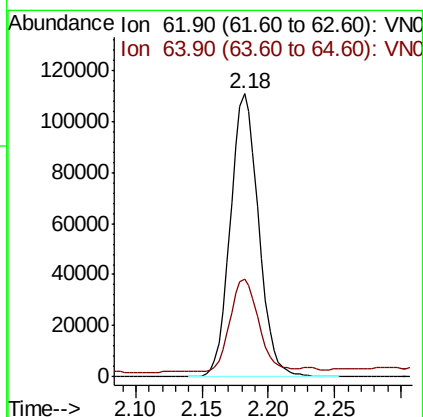
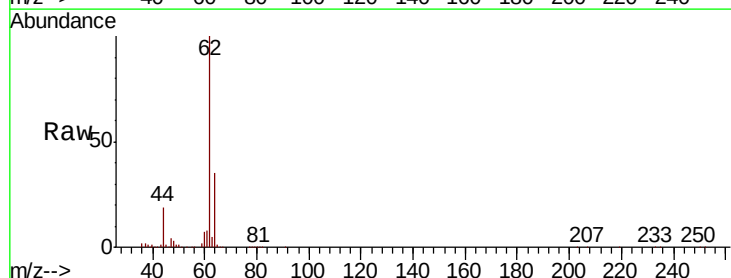
Acq: 3 Aug 2018 16:12

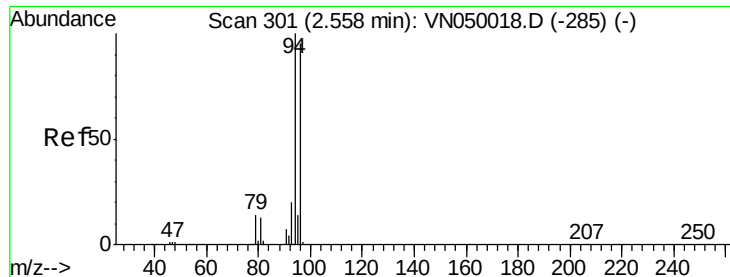
Tgt Ion: 62 Resp: 164263

Ion Ratio Lower Upper

62 100

64 32.8 24.7 37.1





#5

Bromomethane

Concen: 13.85 ug/l

RT: 2.56 min Scan# 302

Delta R.T. 0.01 min

Lab File: VN050315.D

Acq: 3 Aug 2018 16:12

Instrument :

MSVOA_N

ClientSampleId :

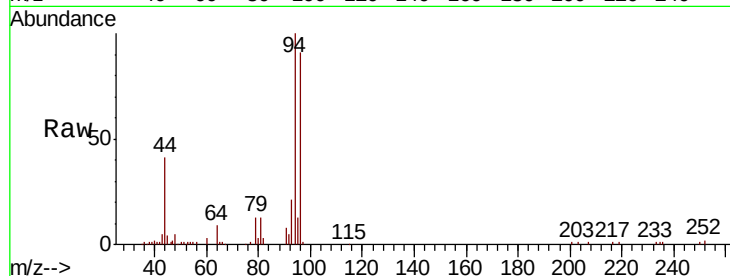
VN0803WBSD02

Tot Ion: 94 Resp: 73497

Ion Ratio Lower Upper

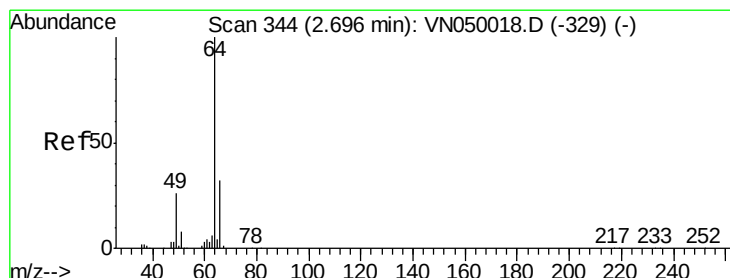
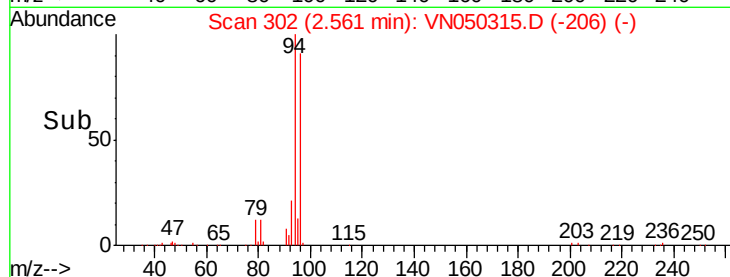
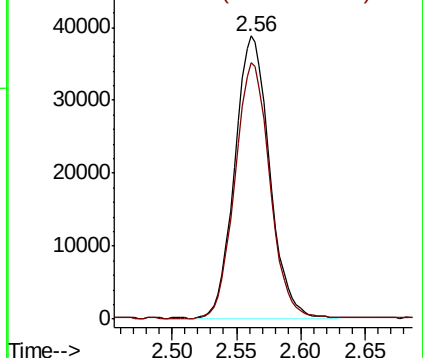
94 100

96 90.6 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.35 ug/l

RT: 2.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VN050315.D

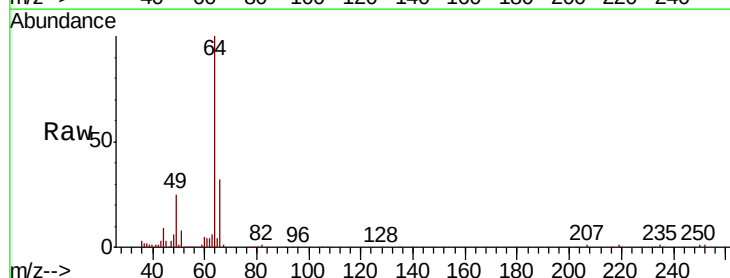
Acq: 3 Aug 2018 16:12

Tgt Ion: 64 Resp: 100089

Ion Ratio Lower Upper

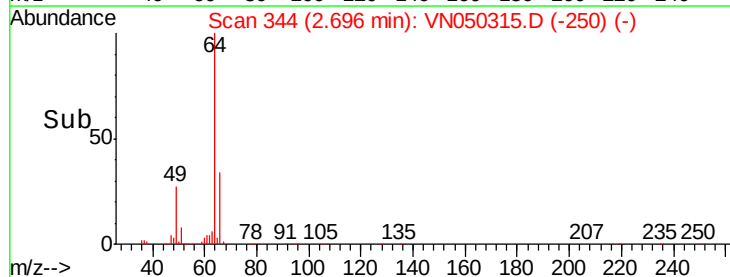
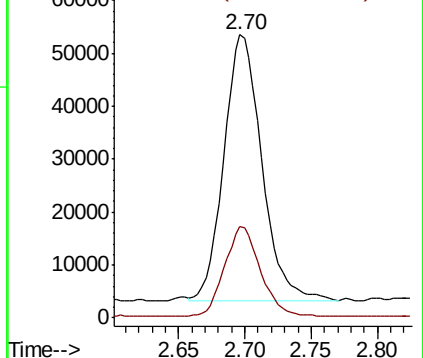
64 100

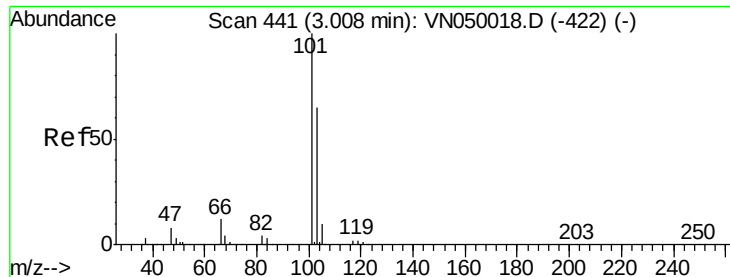
66 33.8 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



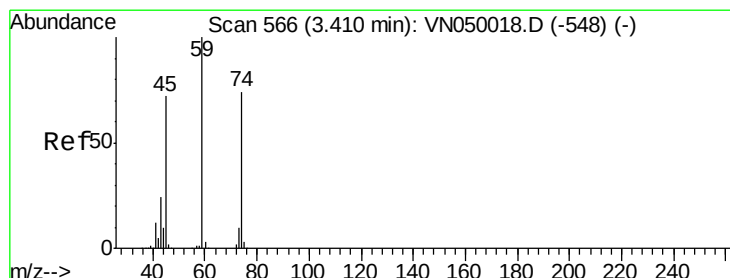
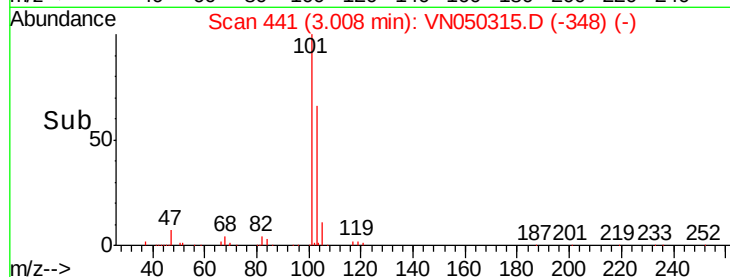
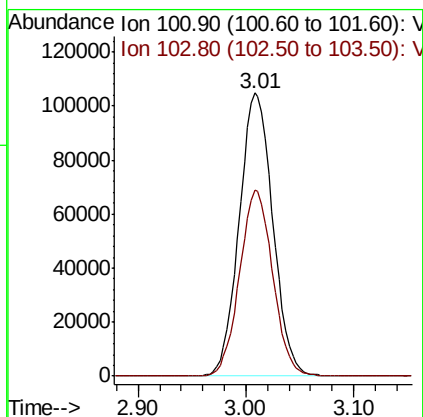
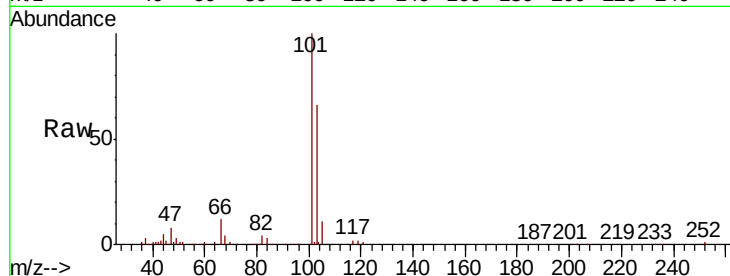


#7

Trichlorofluoromethane
Concen: 19.35 ug/l
RT: 3.01 min Scan# 441
Delta R.T. 0.00 min
Lab File: VN050315.D
Acq: 3 Aug 2018 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN0803WBSD02

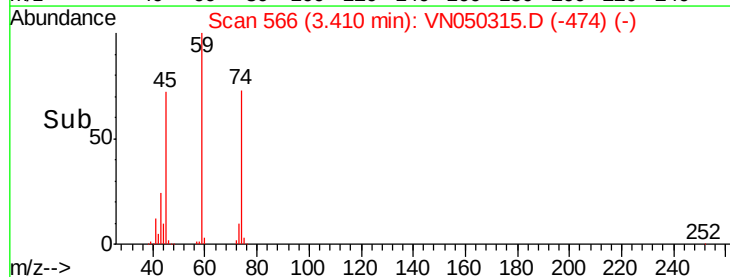
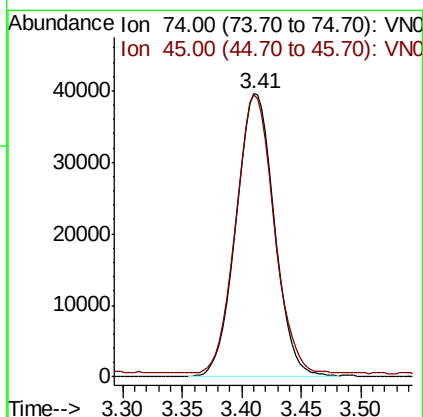
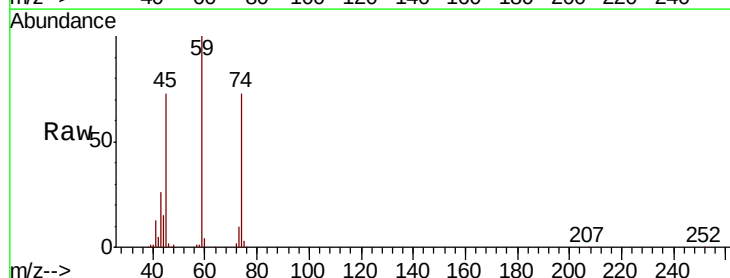
Tot Ion:101 Resp: 227652
Ion Ratio Lower Upper
101 100
103 65.6 51.7 77.5

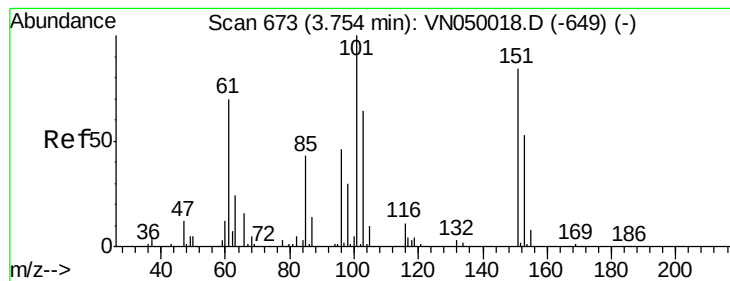


#8

Diethyl Ether
Concen: 22.57 ug/l
RT: 3.41 min Scan# 566
Delta R.T. -0.00 min
Lab File: VN050315.D
Acq: 3 Aug 2018 16:12

Tgt Ion: 74 Resp: 88508
Ion Ratio Lower Upper
74 100
45 97.3 47.6 142.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.02 ug/l

RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN050315.D

Acq: 3 Aug 2018 16:12

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBSD02

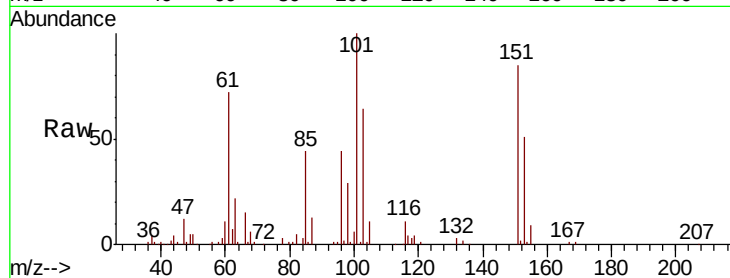
Tot Ion:101 Resp: 141613

Ion Ratio Lower Upper

101 100

85 43.1 34.2 51.2

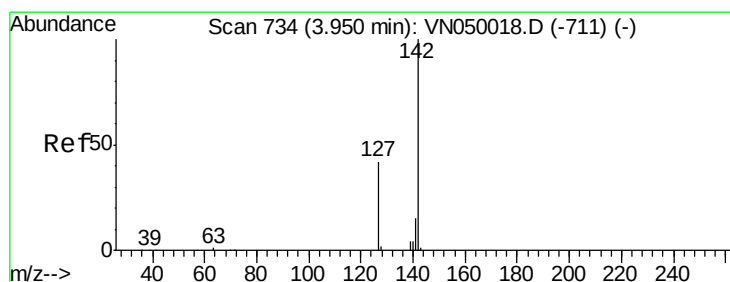
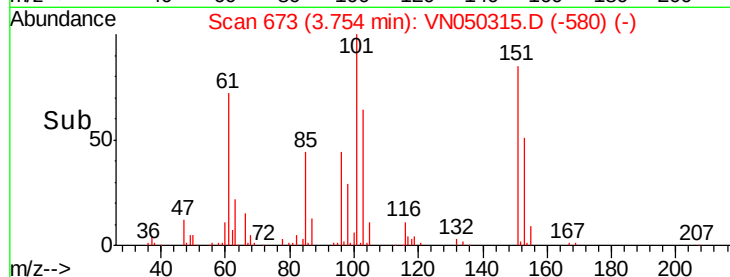
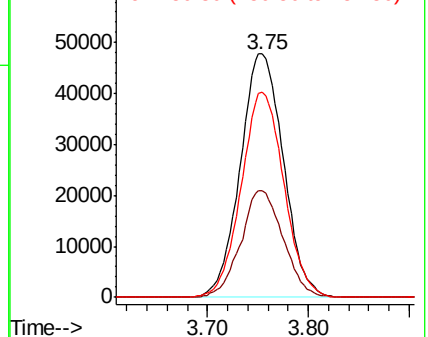
151 83.5 66.3 99.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 7.96 ug/l

RT: 3.95 min Scan# 734

Delta R.T. 0.00 min

Lab File: VN050315.D

Acq: 3 Aug 2018 16:12

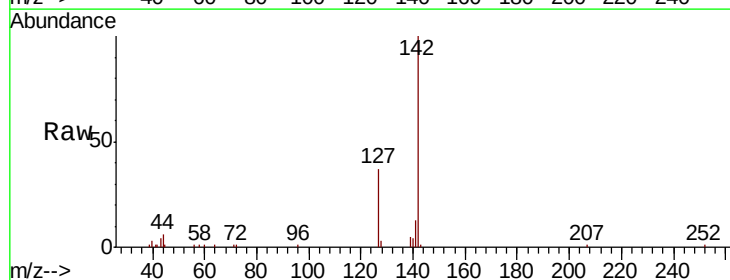
Tgt Ion:142 Resp: 72326

Ion Ratio Lower Upper

142 100

127 40.0 33.4 50.2

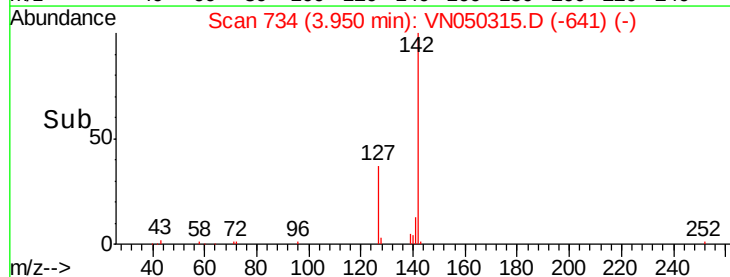
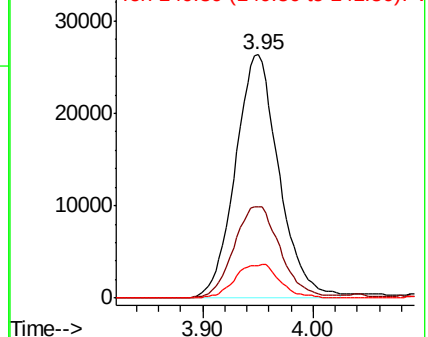
141 14.2 11.6 17.4

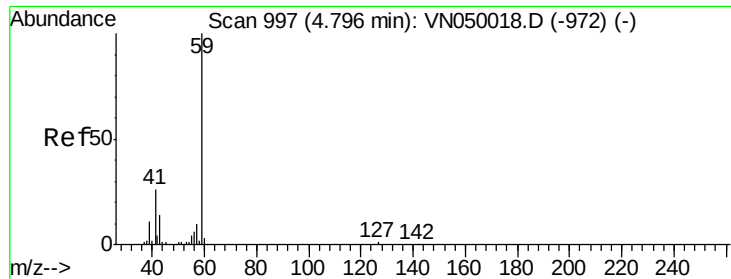


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



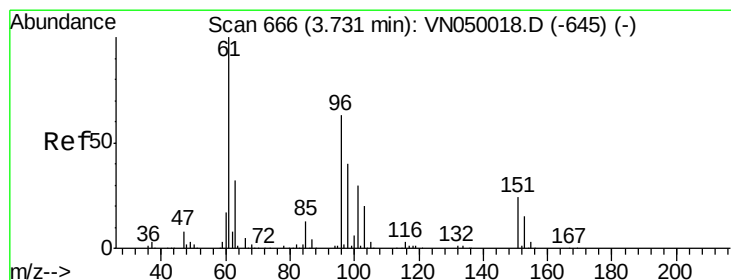
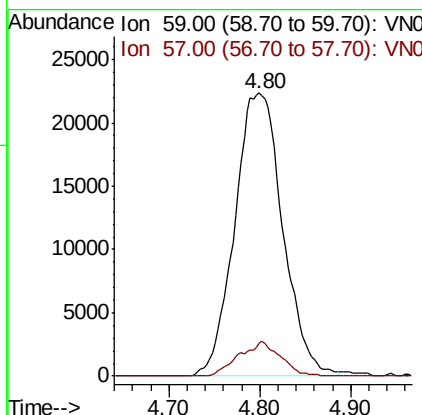
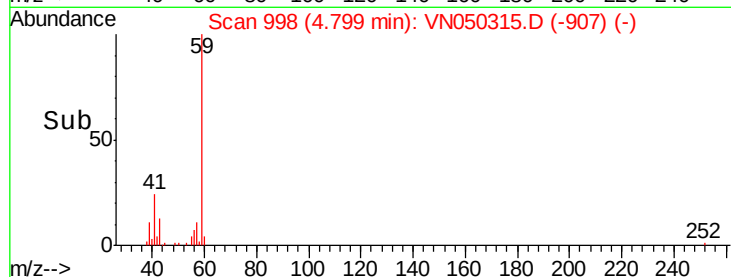
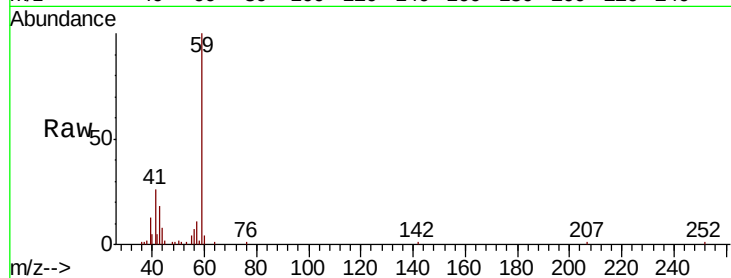


#11

Tert butyl alcohol
 Concen: 144.38 ug/l
 RT: 4.80 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: VN050315.D
 Acq: 3 Aug 2018 16:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBSD02

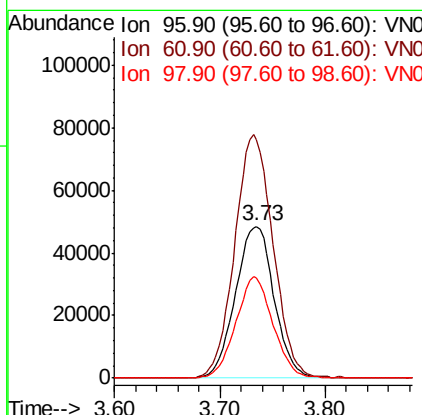
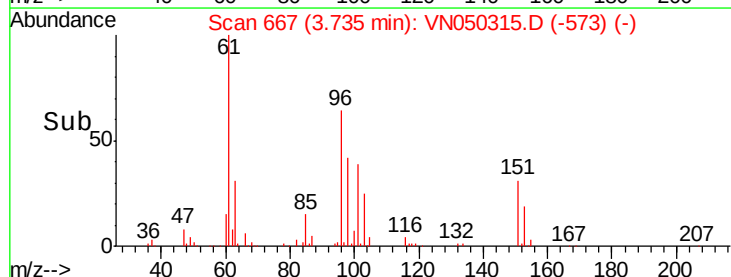
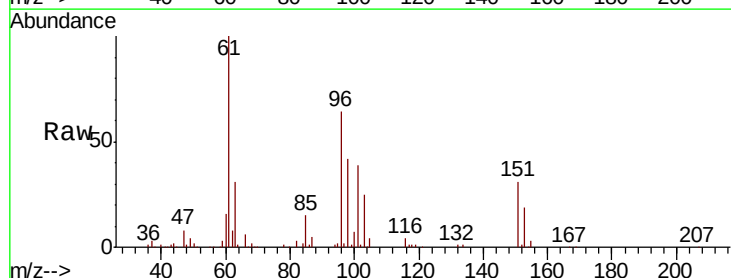
Tot Ion: 59 Resp: 81844
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.5 12.7

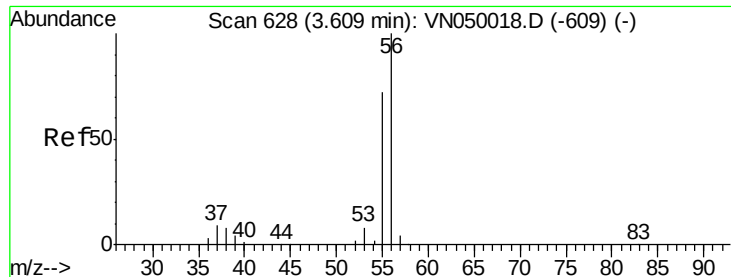


#12

1,1-Dichloroethene
 Concen: 19.46 ug/l
 RT: 3.73 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: VN050315.D
 Acq: 3 Aug 2018 16:12

Tgt Ion: 96 Resp: 123874
 Ion Ratio Lower Upper
 96 100
 61 157.1 124.4 186.6
 98 65.9 48.3 72.5





#13

Acrolein

Concen: 178.38 ug/l

RT: 3.61 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN050315.D

Acq: 3 Aug 2018 16:12

Instrument :

MSVOA_N

ClientSampleId :

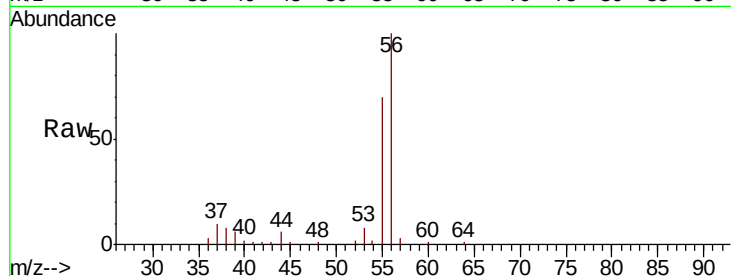
VN0803WBSD02

Tot Ion: 56 Resp: 81244

Ion Ratio Lower Upper

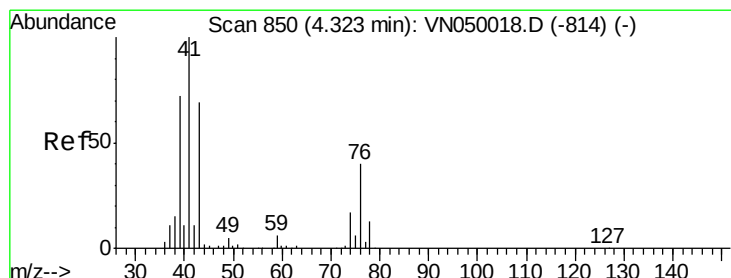
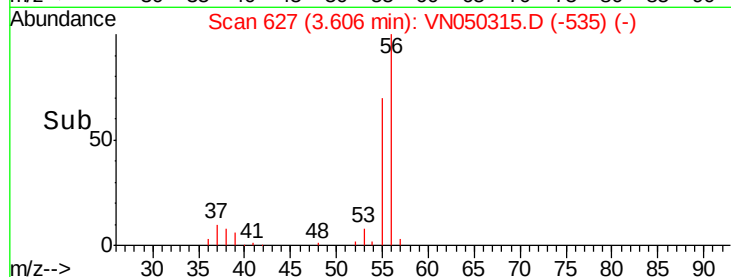
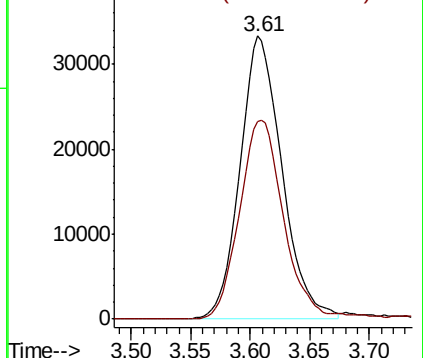
56 100

55 74.5 55.8 83.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 21.10 ug/l

RT: 4.32 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN050315.D

Acq: 3 Aug 2018 16:12

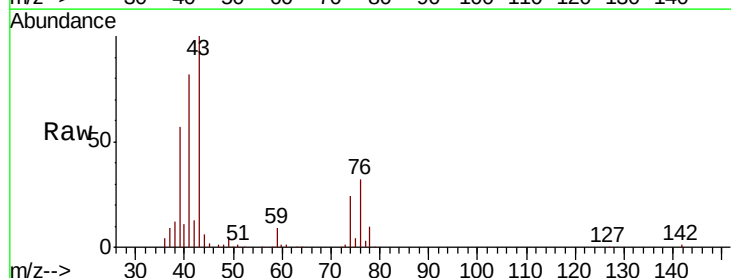
Tgt Ion: 41 Resp: 208184

Ion Ratio Lower Upper

41 100

39 64.8 54.2 81.4

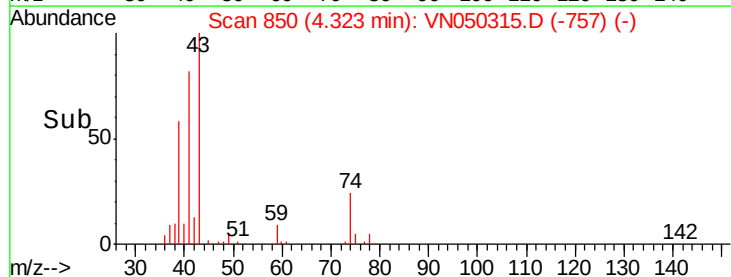
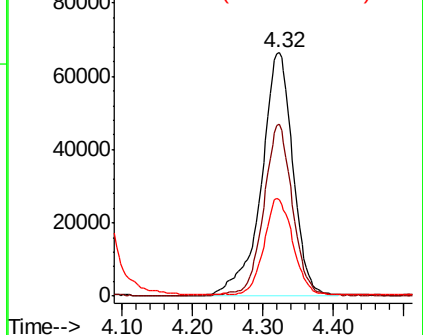
76 35.9 29.0 43.6

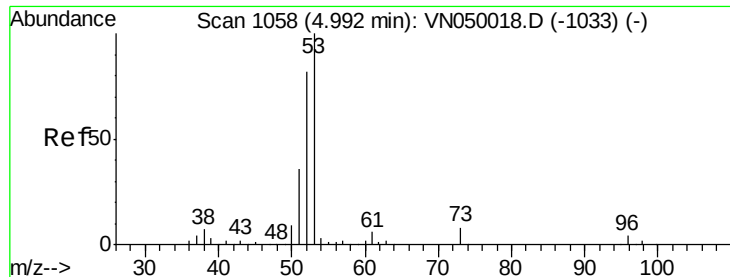


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 125.78 ug/l

RT: 4.99 min Scan# 1058

Delta R.T. -0.00 min

Lab File: VN050315.D

Acq: 3 Aug 2018 16:12

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBSD02

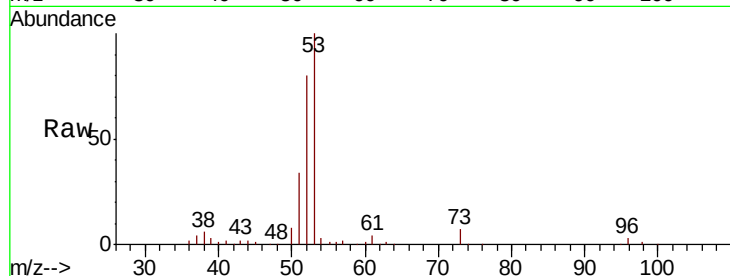
Tot Ion: 53 Resp: 311083

Ion Ratio Lower Upper

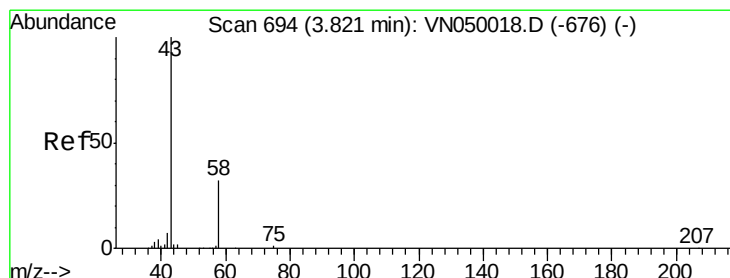
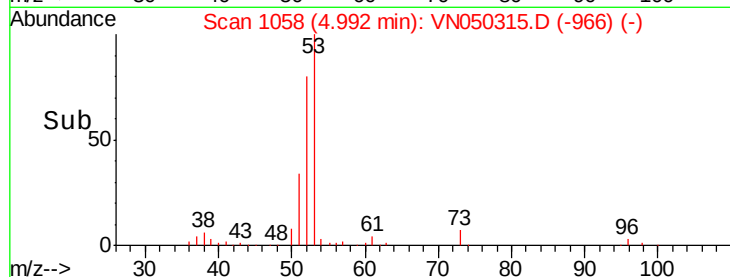
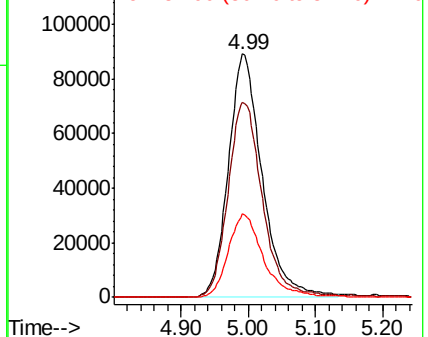
53 100

52 81.7 66.2 99.2

51 35.6 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VN0
Ion 52.00 (51.70 to 52.70): VN0
Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 148.16 ug/l

RT: 3.82 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN050315.D

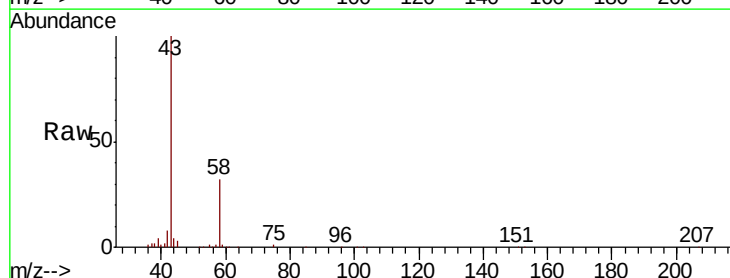
Acq: 3 Aug 2018 16:12

Tgt Ion: 43 Resp: 272078

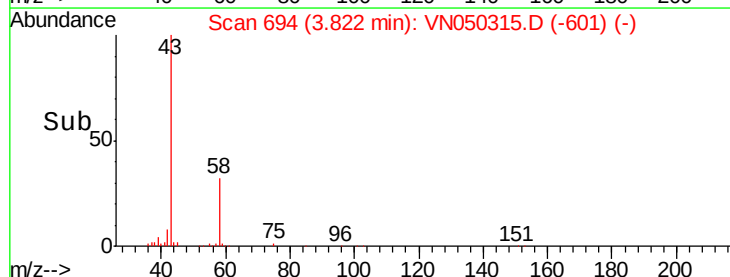
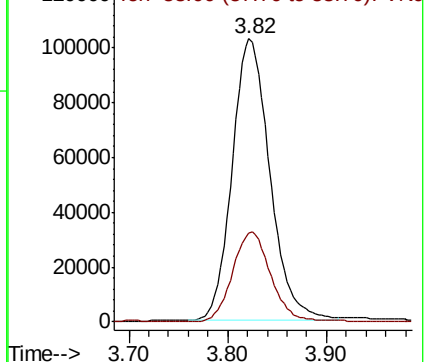
Ion Ratio Lower Upper

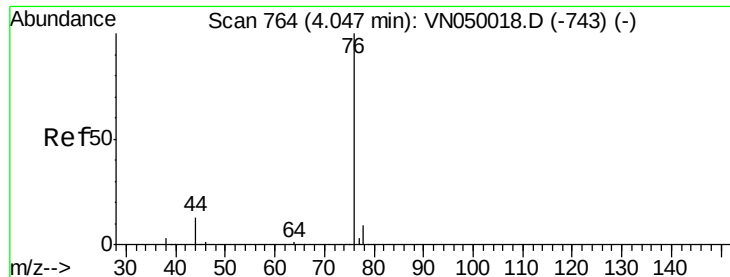
43 100

58 31.5 25.8 38.8



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





#17

Carbon Disulfide

Concen: 16.65 ug/l

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN050315.D

Acq: 3 Aug 2018 16:12

Instrument :

MSVOA_N

ClientSampleId :

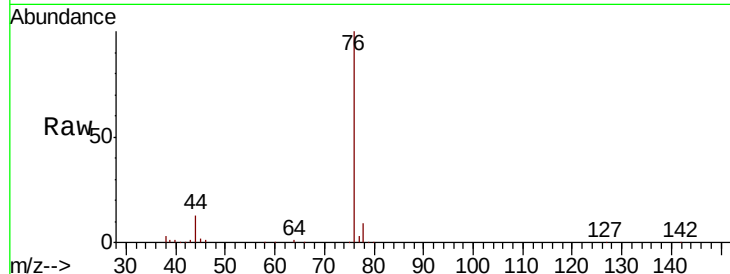
VN0803WBSD02

Tot Ion: 76 Resp: 324649

Ion Ratio Lower Upper

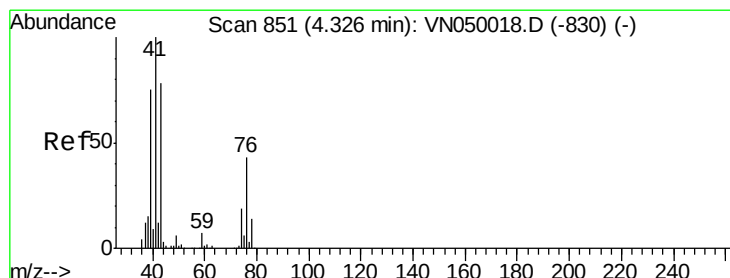
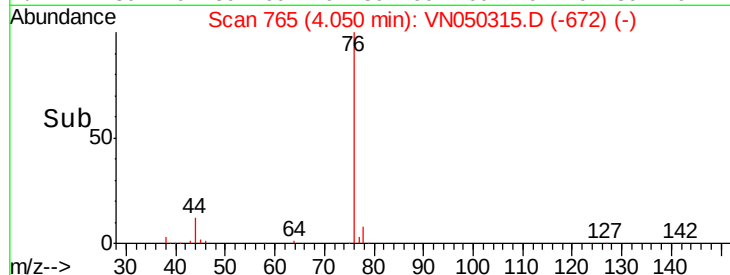
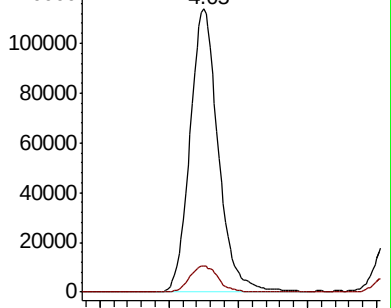
76 100

78 9.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 34.84 ug/l

RT: 4.33 min Scan# 852

Delta R.T. -0.00 min

Lab File: VN050315.D

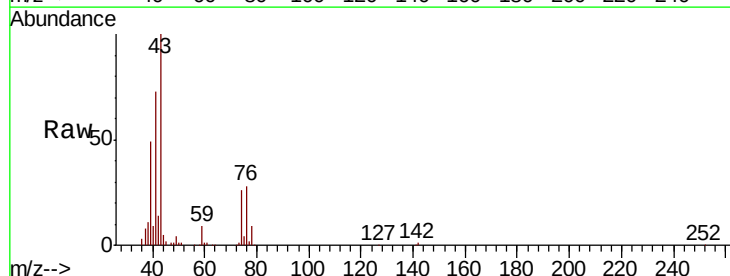
Acq: 3 Aug 2018 16:12

Tgt Ion: 43 Resp: 249424

Ion Ratio Lower Upper

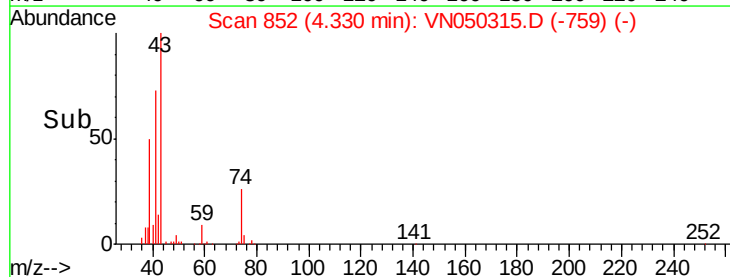
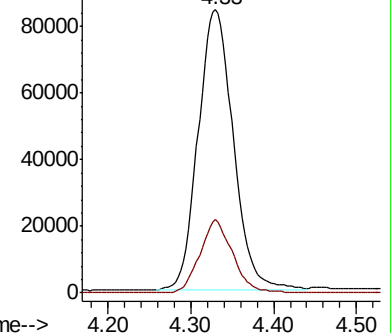
43 100

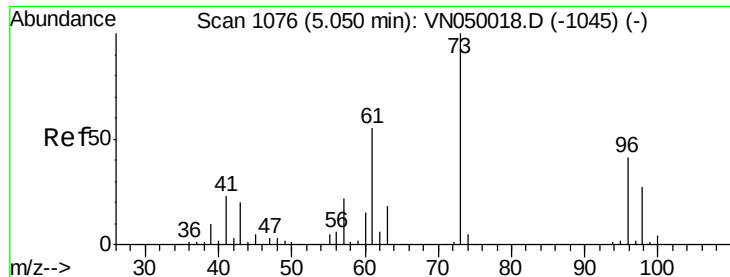
74 24.2 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#19

Methyl tert-butyl Ether

Concen: 24.18 ug/l

RT: 5.05 min Scan# 1076

Delta R.T. -0.00 min

Lab File: VN050315.D

Acq: 3 Aug 2018 16:12

Instrument :

MSVOA_N

ClientSampleId :

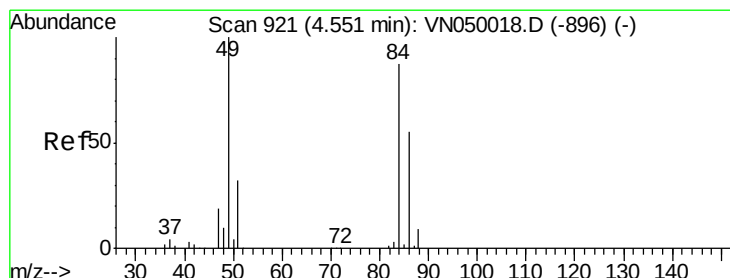
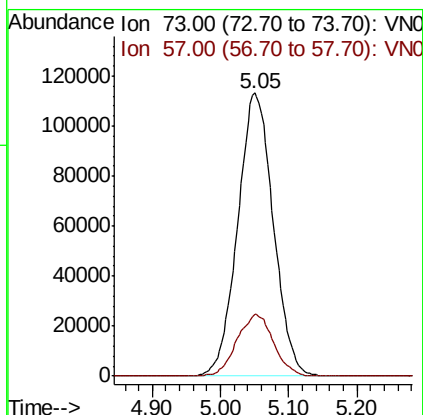
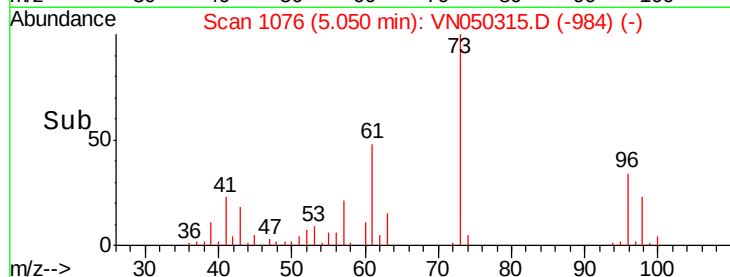
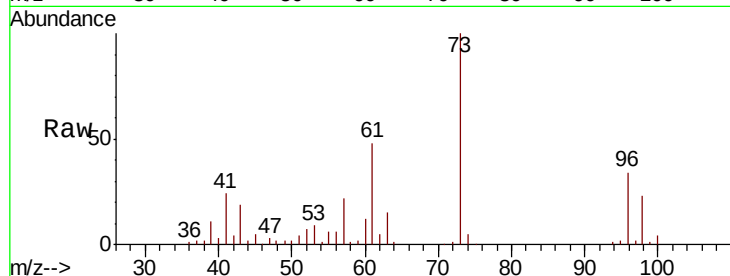
VN0803WBSD02

Tot Ion: 73 Resp: 410124

Ion Ratio Lower Upper

73 100

57 21.8 18.0 27.0



#20

Methylene Chloride

Concen: 22.07 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.00 min

Lab File: VN050315.D

Acq: 3 Aug 2018 16:12

Tgt Ion: 84 Resp: 155537

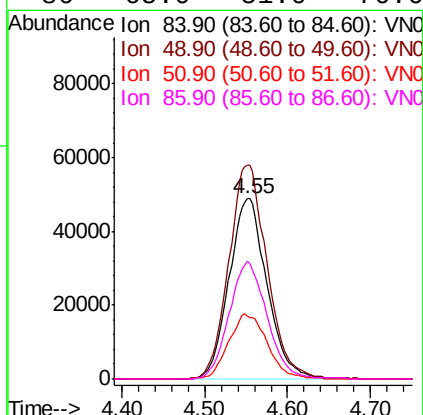
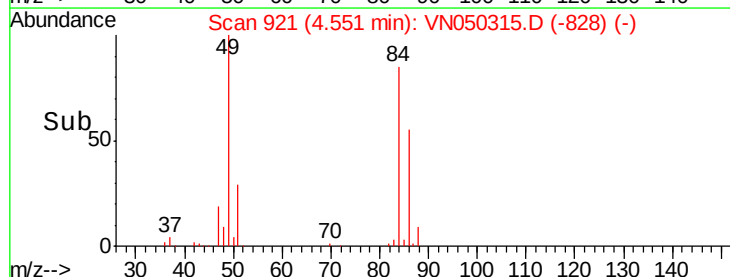
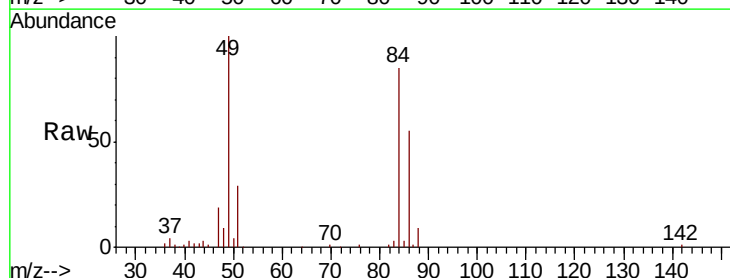
Ion Ratio Lower Upper

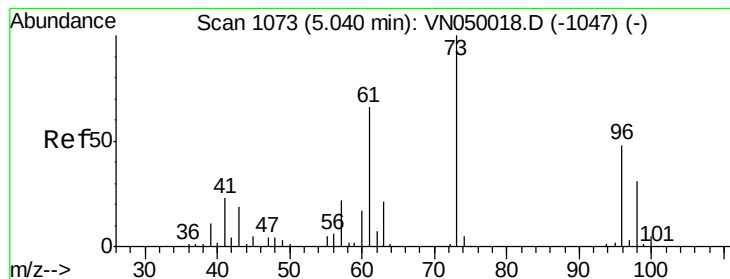
84 100

49 117.8 94.8 142.2

51 34.8 28.3 42.5

86 65.0 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.82 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VN050315.D

Acq: 3 Aug 2018 16:12

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBSD02

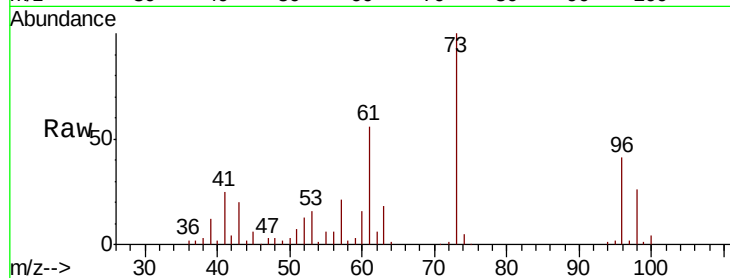
Tot Ion: 96 Resp: 133670

Ion Ratio Lower Upper

96 100

61 137.6 110.7 166.1

98 64.0 51.6 77.4

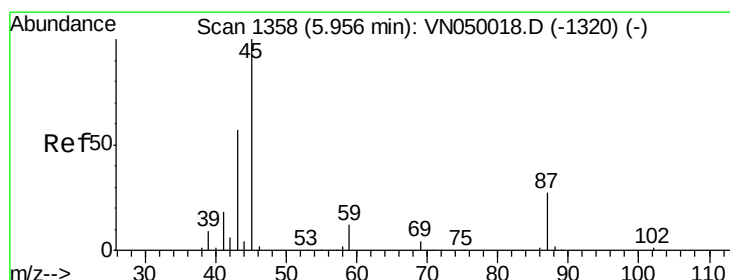
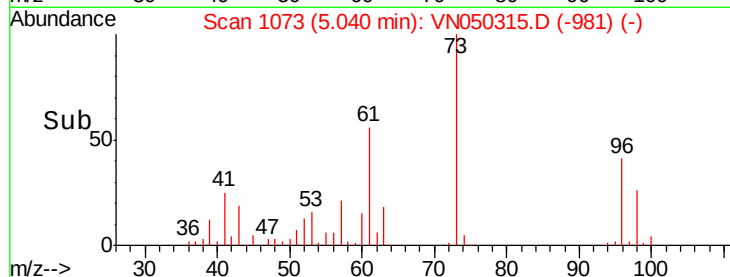
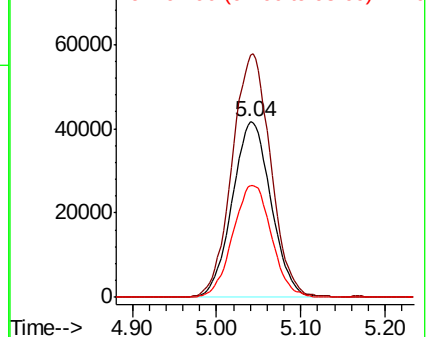


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 24.06 ug/l

RT: 5.96 min Scan# 1358

Delta R.T. -0.00 min

Lab File: VN050315.D

Acq: 3 Aug 2018 16:12

Tgt Ion: 45 Resp: 470746

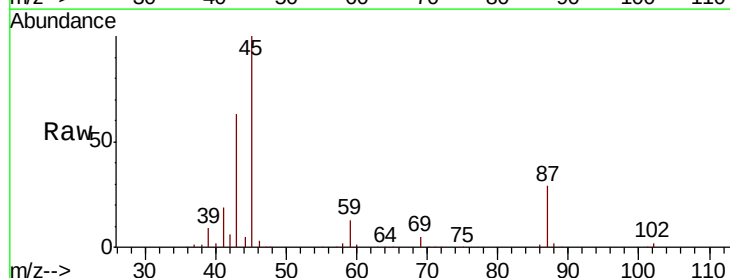
Ion Ratio Lower Upper

45 100

43 61.5 45.7 68.5

87 29.0 22.7 34.1

59 13.2 9.5 14.3



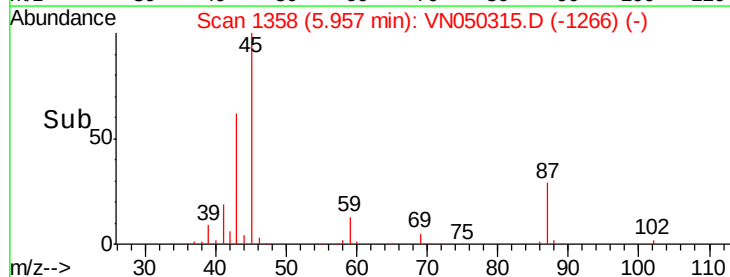
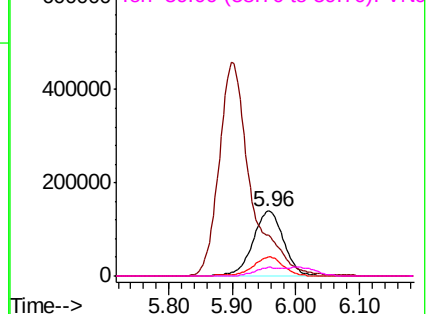
Abundance

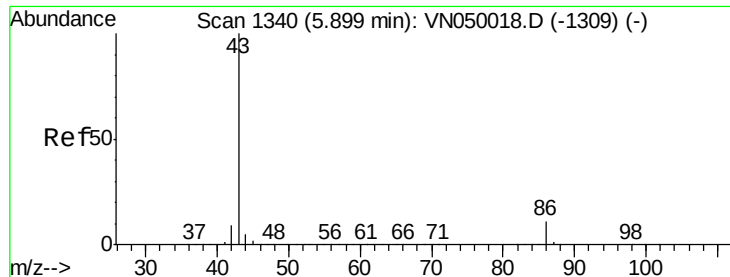
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 114.43 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VN050315.D

Acq: 3 Aug 2018 16:12

Instrument :

MSVOA_N

ClientSampleId :

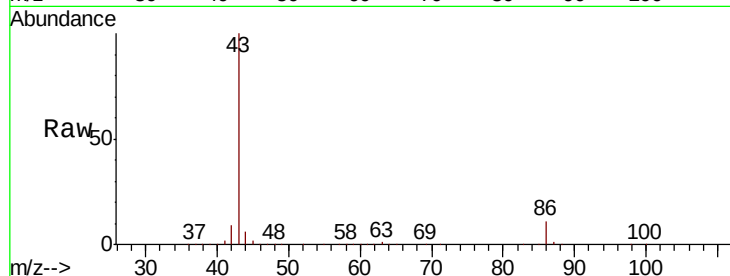
VN0803WBSD02

Tot Ion: 43 Resp: 1582277

Ion Ratio Lower Upper

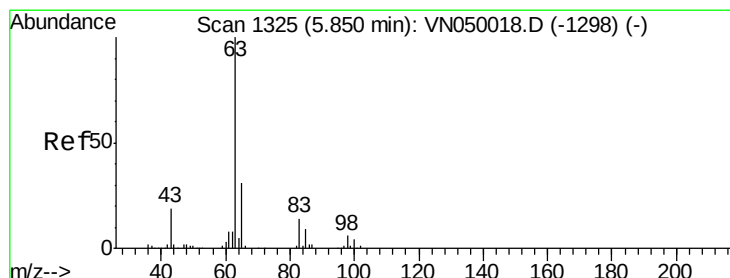
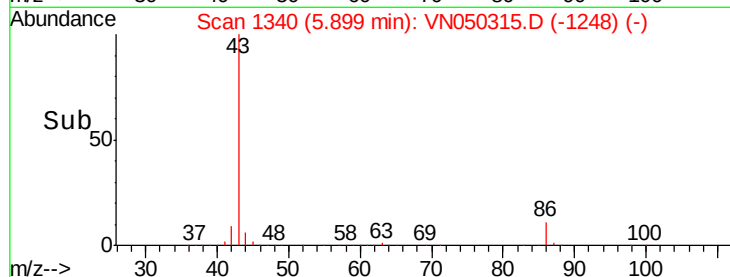
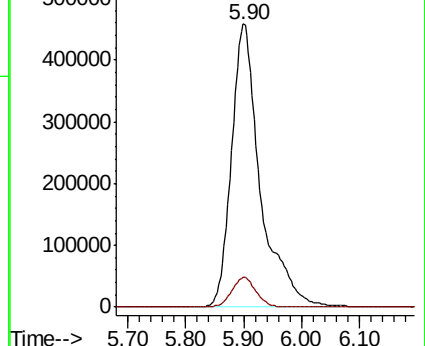
43 100

86 10.6 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 21.14 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VN050315.D

Acq: 3 Aug 2018 16:12

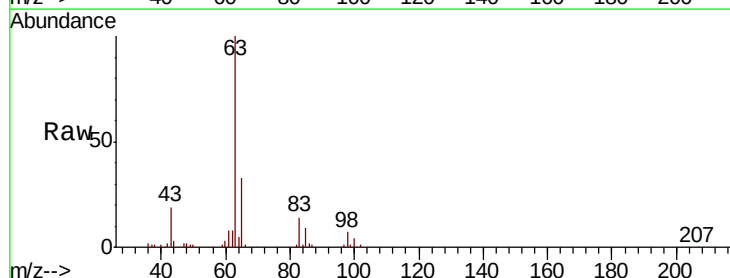
Tgt Ion: 63 Resp: 270478

Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.8

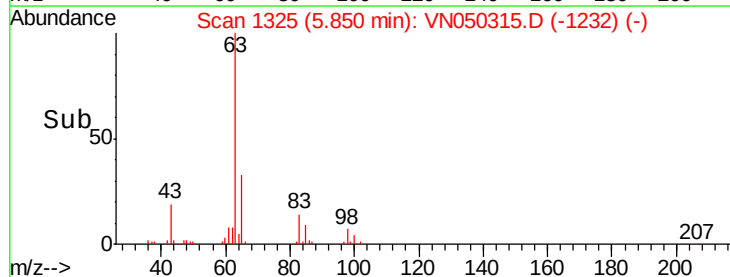
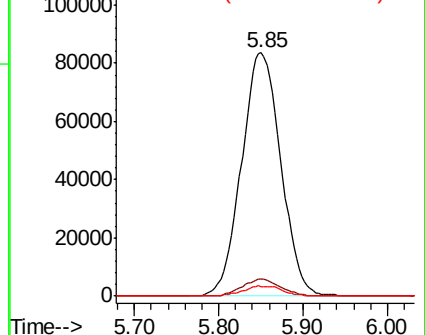
100 4.1 2.1 6.3

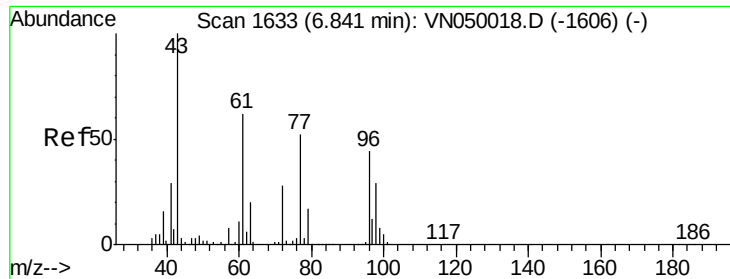


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 130.38 ug/l

RT: 6.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VN050315.D

Acq: 3 Aug 2018 16:12

Instrument :

MSVOA_N

ClientSampleId :

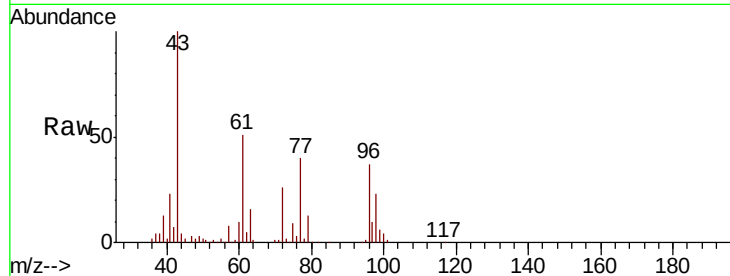
VN0803WBSD02

Tot Ion: 43 Resp: 383148

Ion Ratio Lower Upper

43 100

72 26.5 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.84

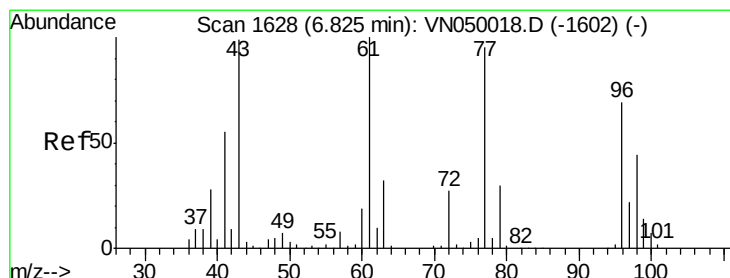
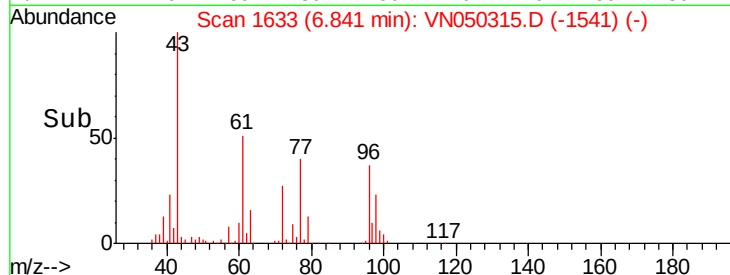
150000

100000

50000

0

Time--> 6.70 6.80 6.90



#26

2,2-Dichloropropane

Concen: 21.01 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VN050315.D

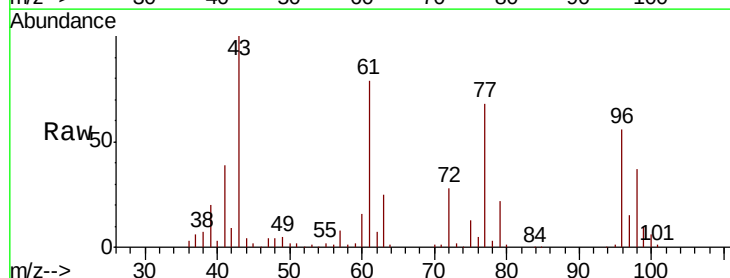
Acq: 3 Aug 2018 16:12

Tgt Ion: 77 Resp: 204490

Ion Ratio Lower Upper

77 100

97 23.0 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.83

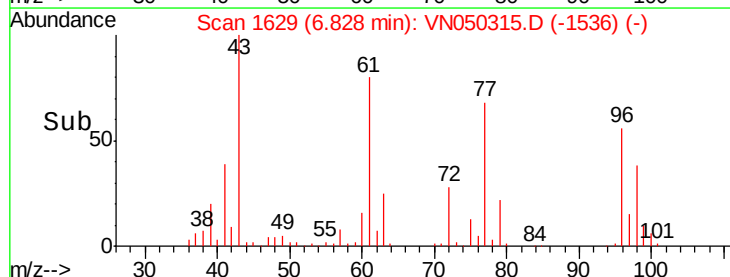
60000

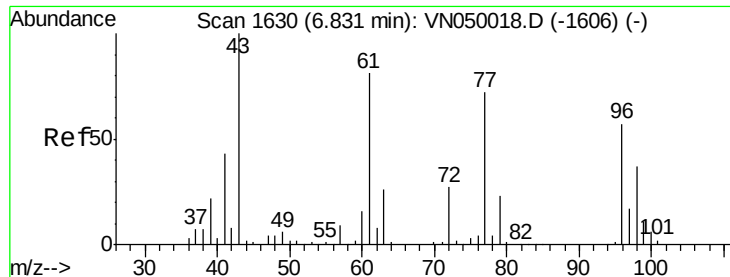
40000

20000

0

Time--> 6.70 6.80 6.90





#27

cis-1,2-Dichloroethene

Concen: 21.79 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN050315.D

Acq: 3 Aug 2018 16:12

Instrument :

MSVOA_N

ClientSampled :

VN0803WBSD02

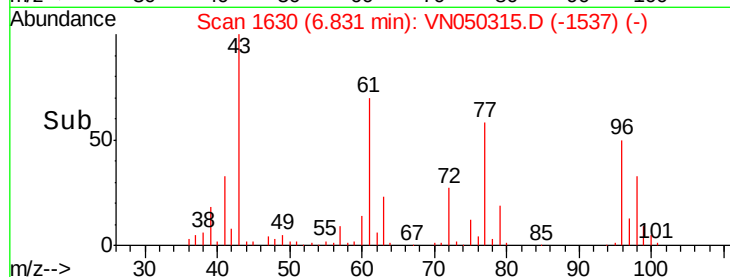
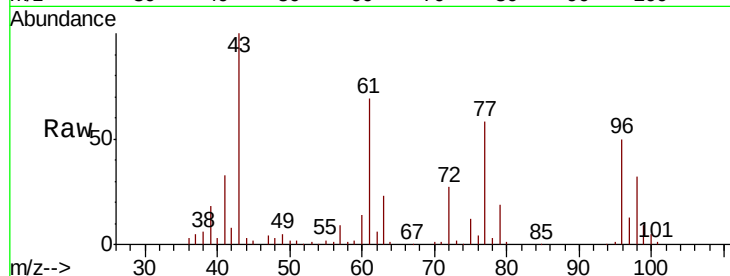
Tot Ion: 96 Resp: 158202

Ion Ratio Lower Upper

96 100

61 144.7 0.0 285.0

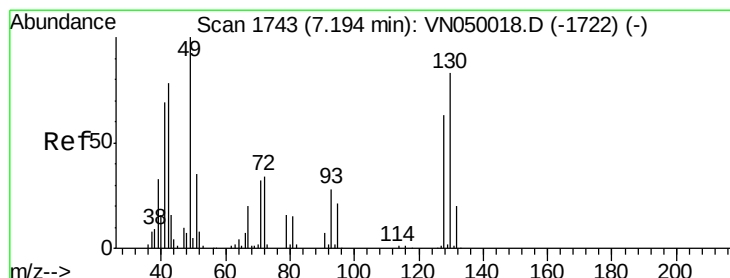
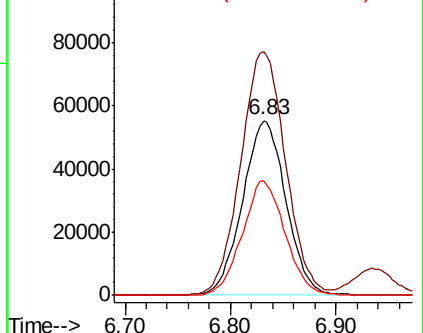
98 64.8 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 21.88 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN050315.D

Acq: 3 Aug 2018 16:12

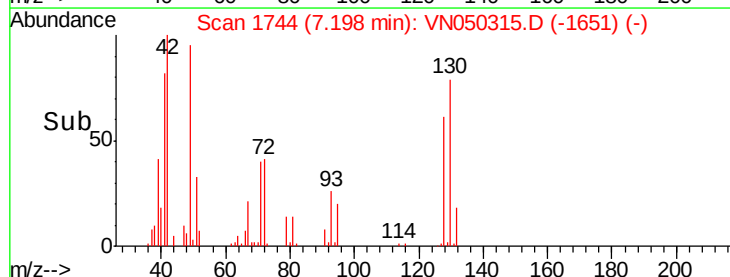
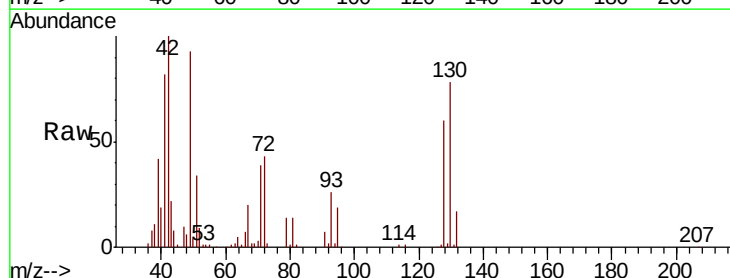
Tgt Ion: 49 Resp: 127674

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

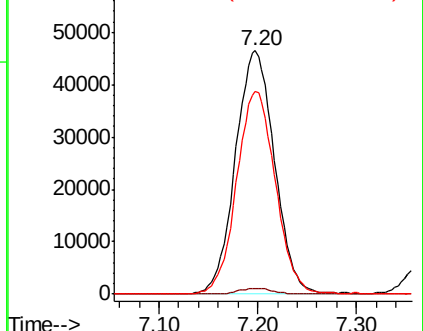
130 82.8 66.3 99.5

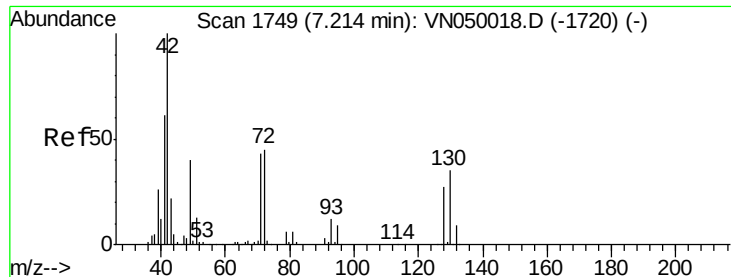


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

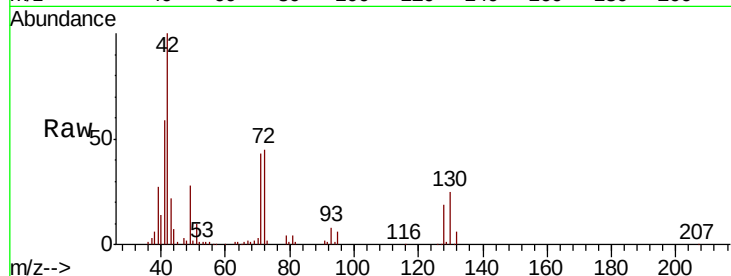




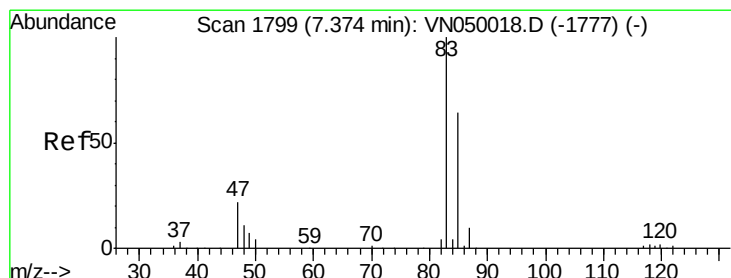
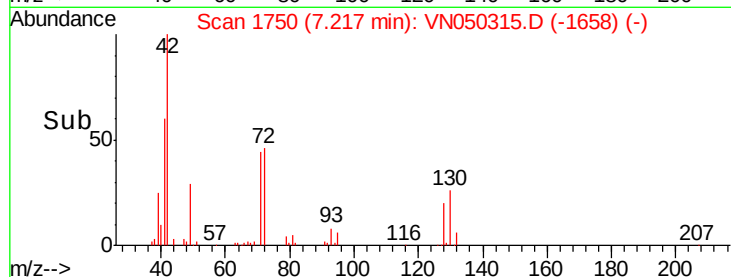
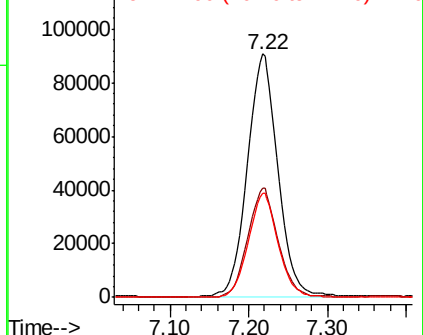
#29
Tetrahydrofuran
Concen: 131.39 ug/l
RT: 7.22 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VN050315.D
Acq: 3 Aug 2018 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN0803WBSD02

Tot Ion: 42 Resp: 249494
Ion Ratio Lower Upper
42 100
72 44.5 35.9 53.9
71 41.8 33.7 50.5

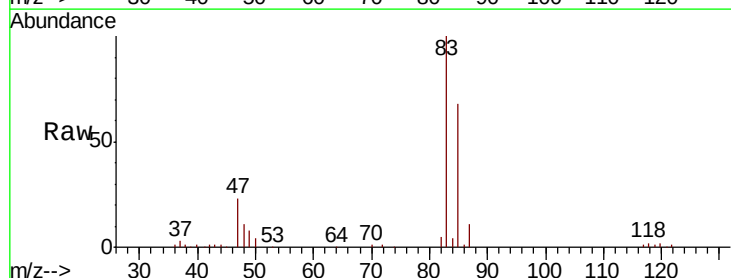


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

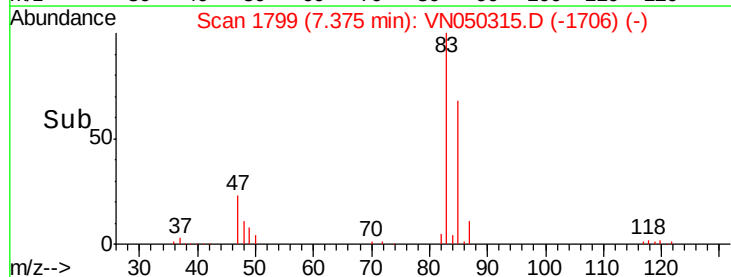
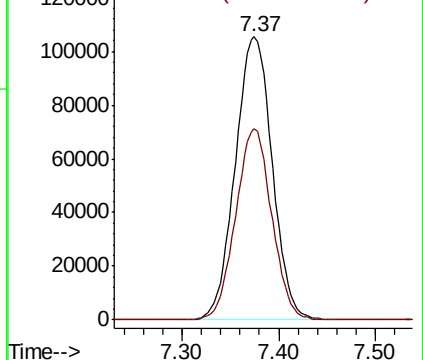


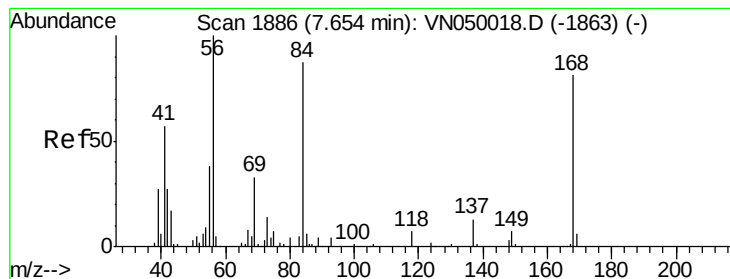
#30
Chloroform
Concen: 21.47 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN050315.D
Acq: 3 Aug 2018 16:12

Tgt Ion: 83 Resp: 280279
Ion Ratio Lower Upper
83 100
85 67.7 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 19.21 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VN050315.D

Acq: 3 Aug 2018 16:12

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBSD02

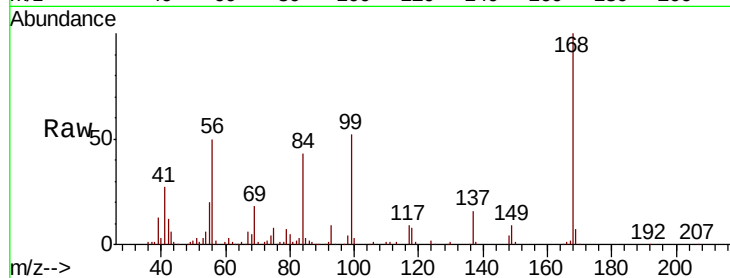
Tot Ion: 56 Resp: 204297

Ion Ratio Lower Upper

56 100

69 36.9 26.2 39.4

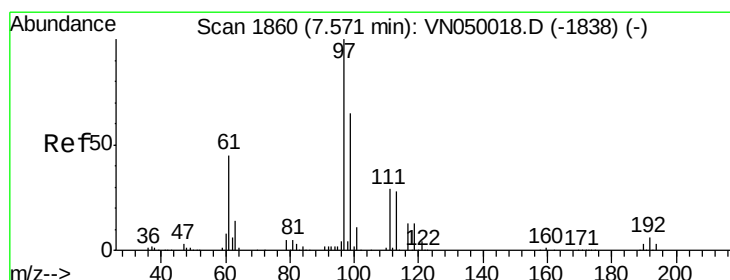
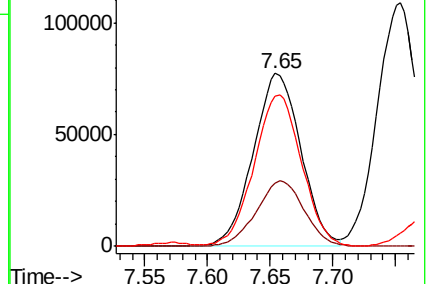
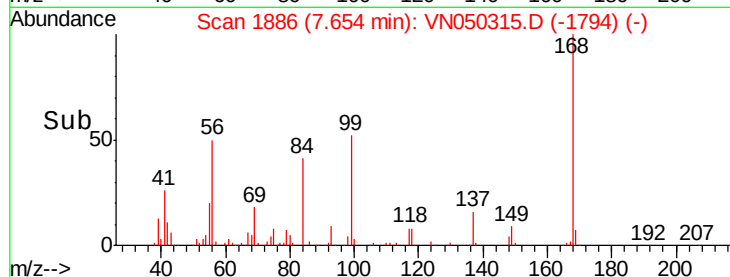
84 85.4 67.4 101.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 20.84 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VN050315.D

Acq: 3 Aug 2018 16:12

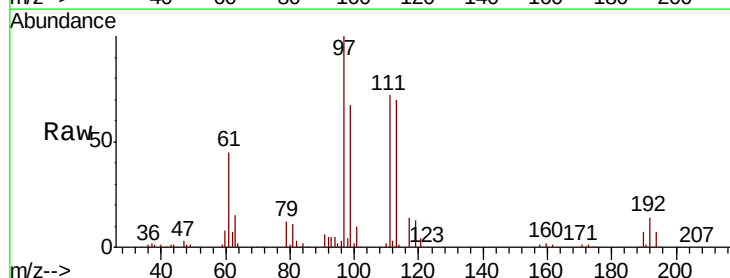
Tgt Ion: 97 Resp: 232785

Ion Ratio Lower Upper

97 100

99 63.9 51.4 77.0

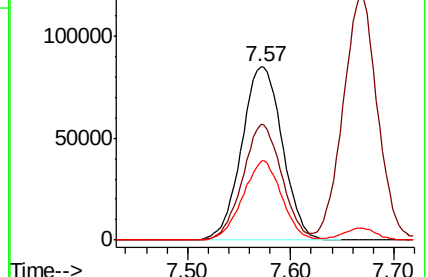
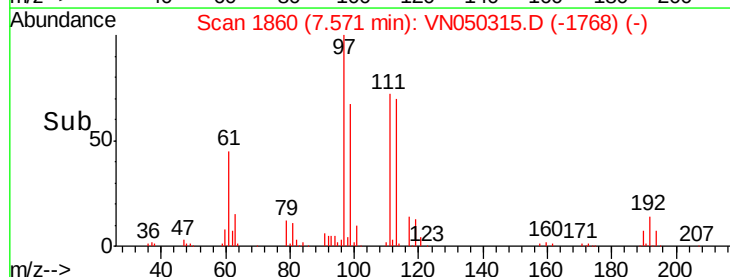
61 43.7 35.4 53.0

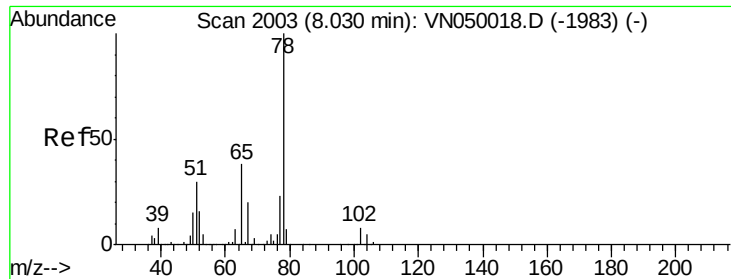


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

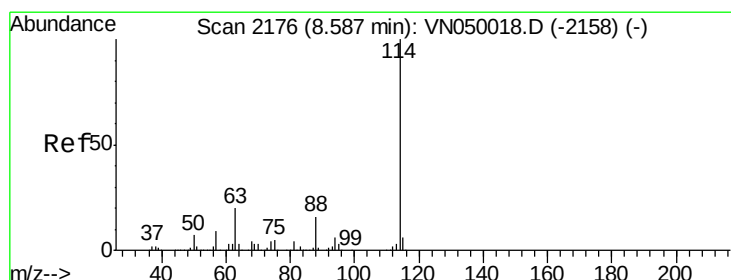
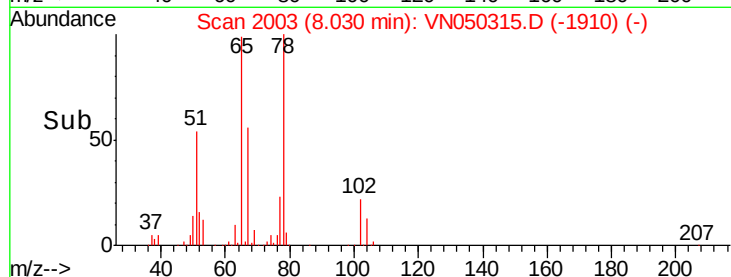
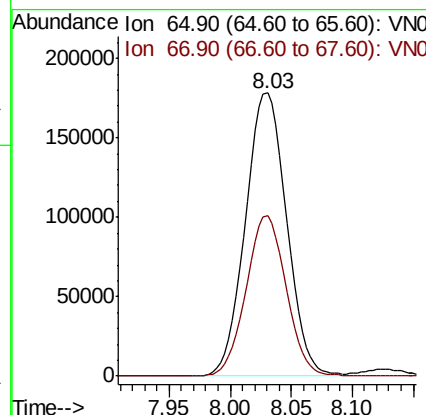
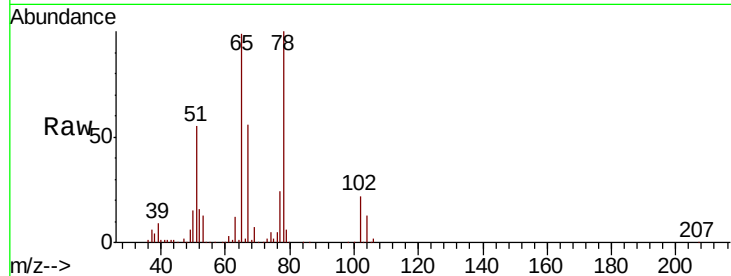




#33
 1,2-Dichloroethane-d4
 Concen: 54.11 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050315.D
 Acq: 3 Aug 2018 16:12

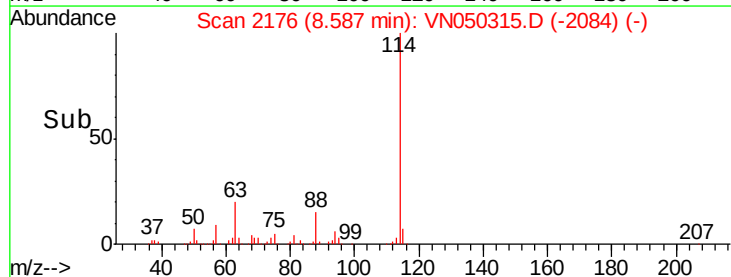
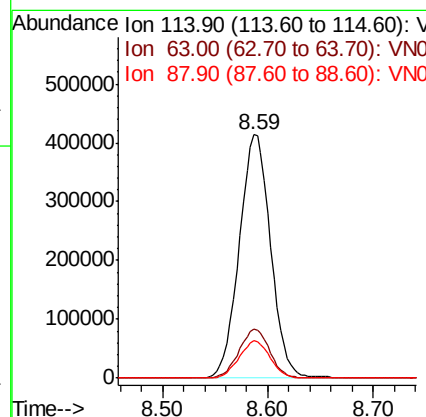
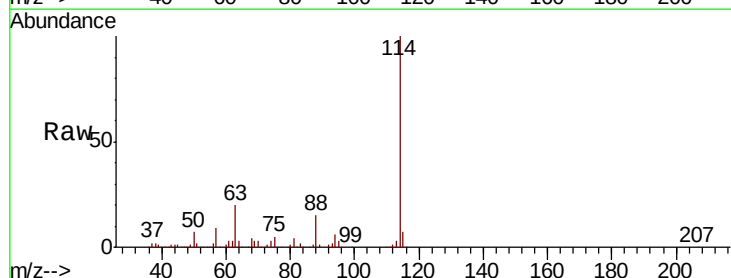
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBSD02

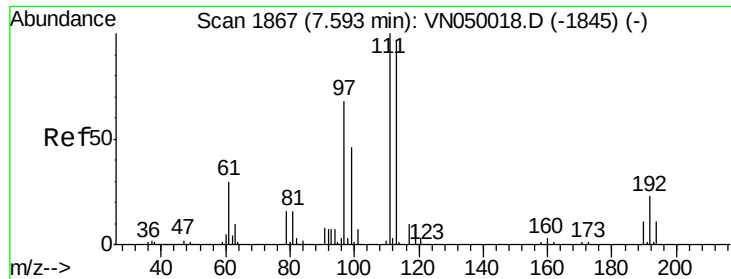
Tot Ion: 65 Resp: 416856
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050315.D
 Acq: 3 Aug 2018 16:12

Tgt Ion: 114 Resp: 852035
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.0
 88 15.3 0.0 31.2

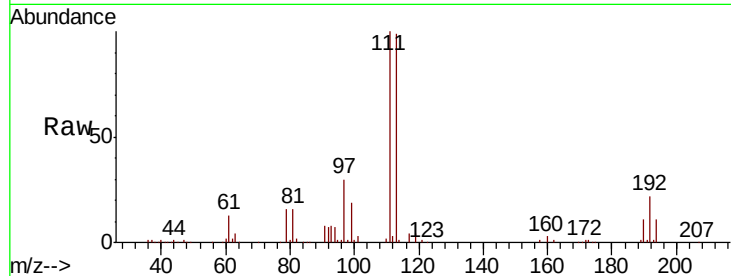




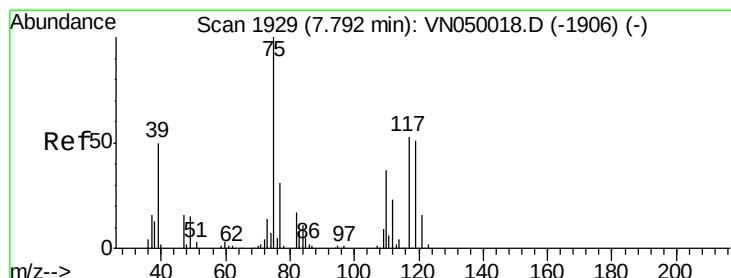
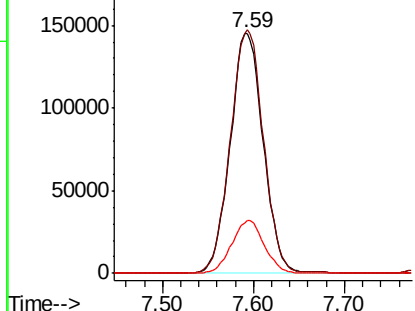
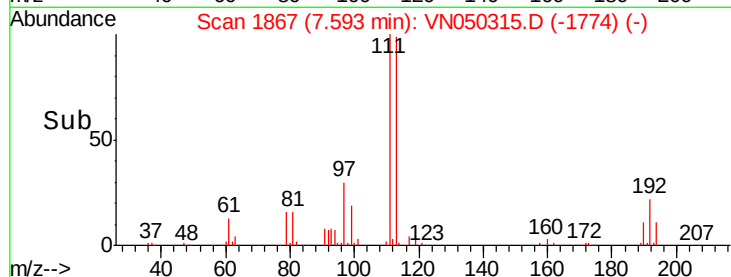
#35
 Dibromofluoromethane
 Concen: 52.61 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050315.D
 Acq: 3 Aug 2018 16:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBSD02

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	80.7	121.1
192	21.8	17.8	26.6

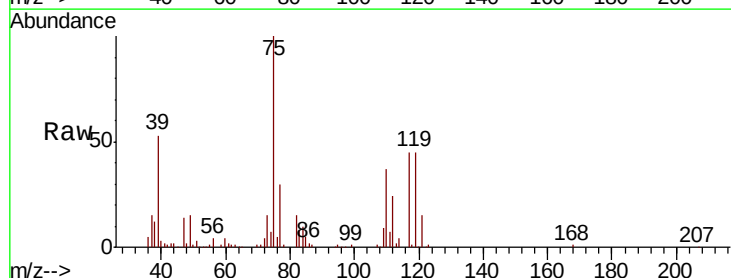


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

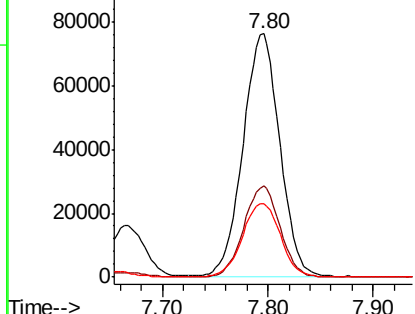
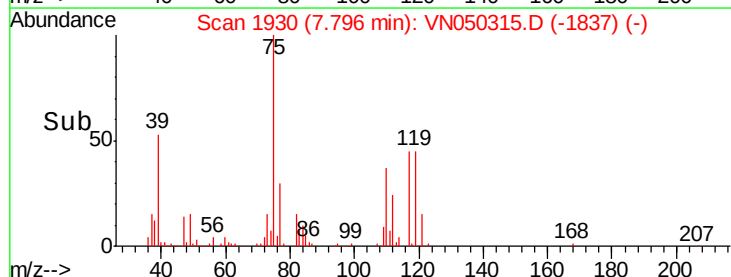


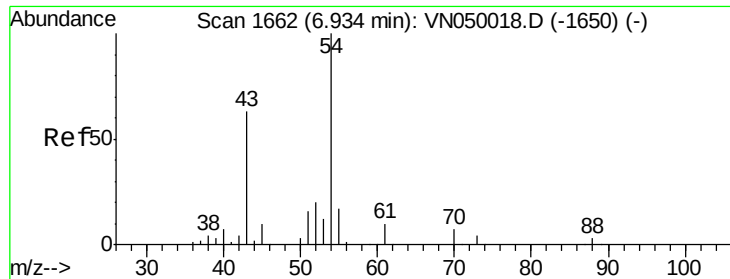
#36
 1,1-Dichloropropene
 Concen: 19.25 ug/l
 RT: 7.80 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VN050315.D
 Acq: 3 Aug 2018 16:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.4	55.2
77	31.6	25.3	37.9



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

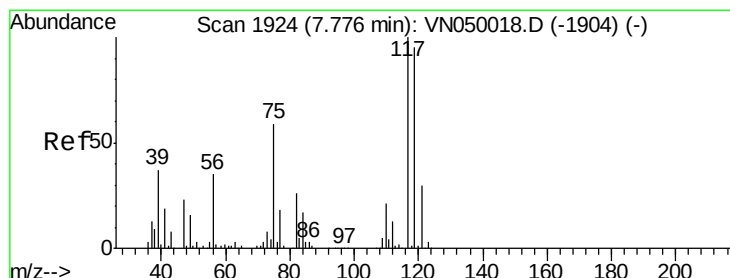
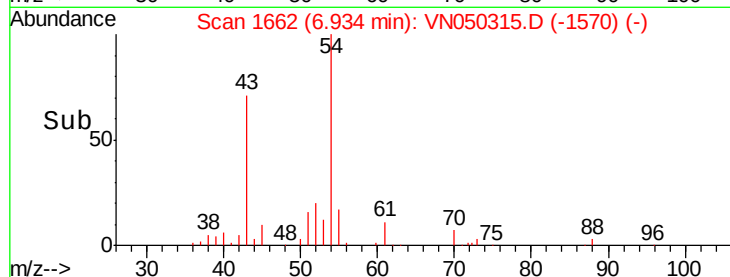
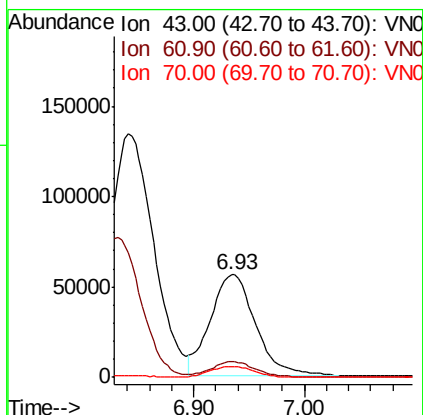
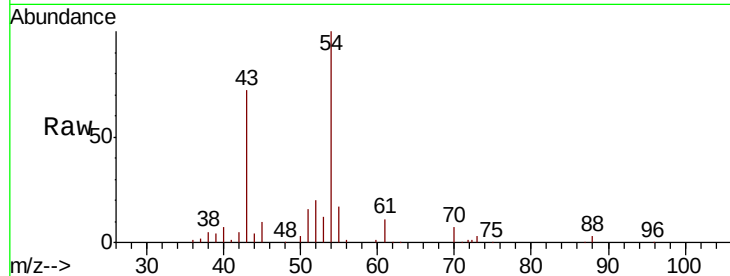




#37
Ethyl Acetate
Concen: 23.72 ug/l
RT: 6.93 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VN050315.D
Acq: 3 Aug 2018 16:12

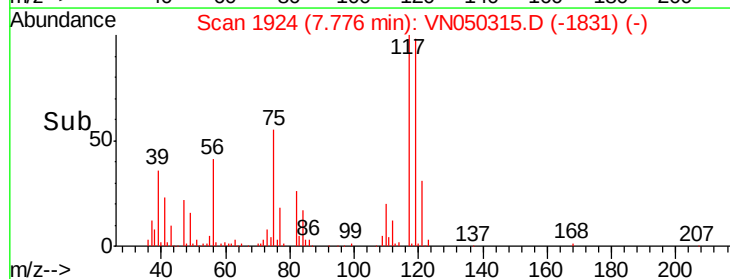
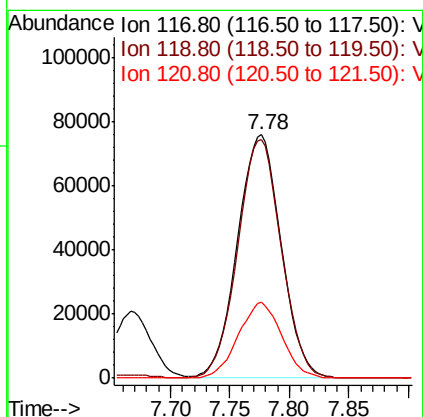
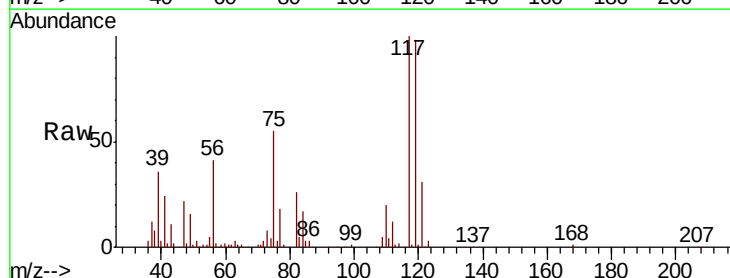
Instrument :
MSVOA_N
ClientSampleId :
VN0803WBSD02

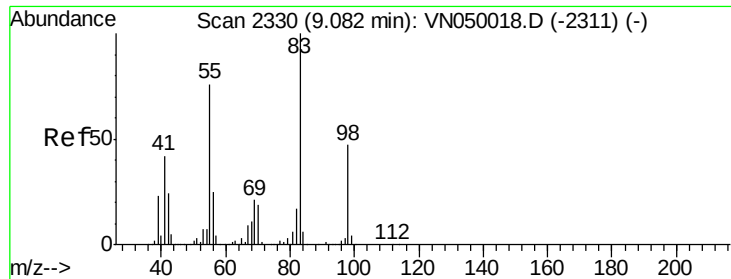
Tot Ion: 43 Resp: 158780
Ion Ratio Lower Upper
43 100
61 14.1 11.8 17.8
70 10.5 8.4 12.6



#38
Carbon Tetrachloride
Concen: 18.92 ug/l
RT: 7.78 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VN050315.D
Acq: 3 Aug 2018 16:12

Tgt Ion: 117 Resp: 192694
Ion Ratio Lower Upper
117 100
119 97.8 77.4 116.0
121 31.0 23.9 35.9

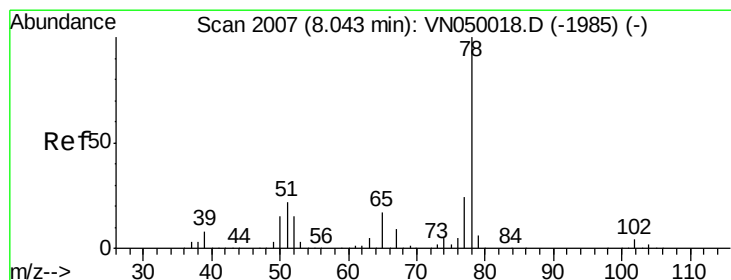
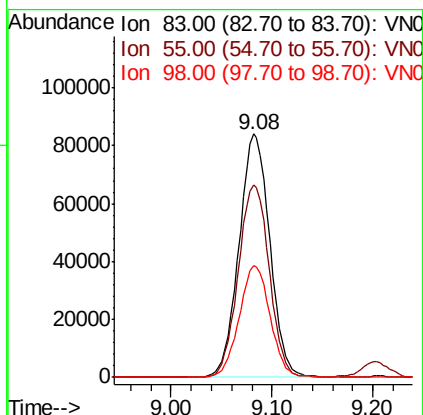
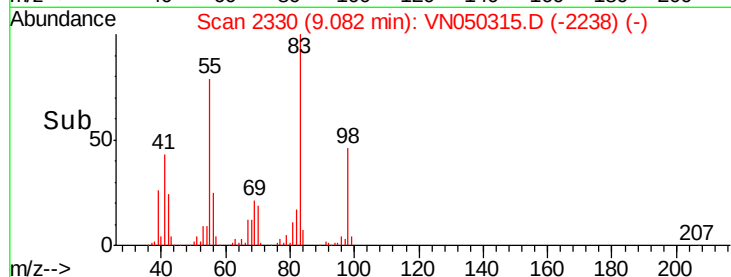
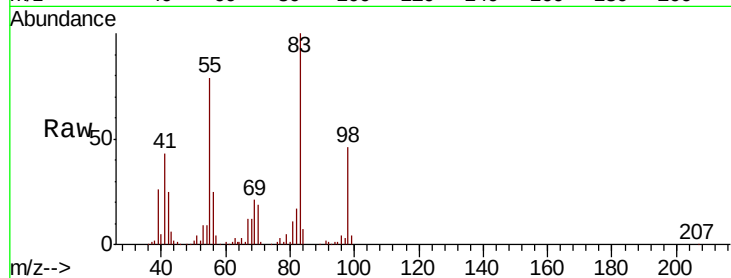




#39
Methylvlcyclohexane
Concen: 17.96 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. -0.00 min
Lab File: VN050315.D
Acq: 3 Aug 2018 16:12

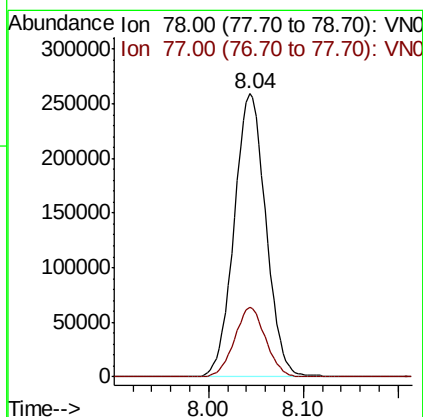
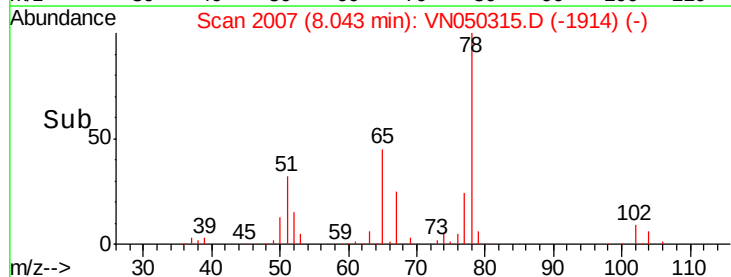
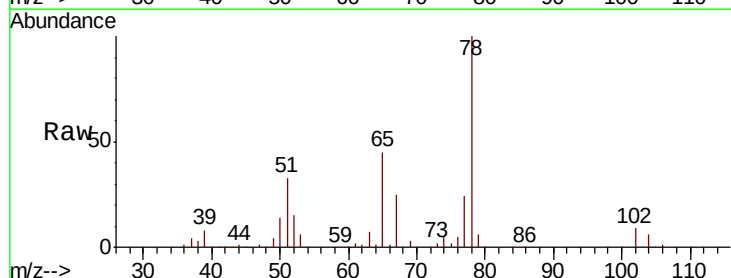
Instrument :
MSVOA_N
ClientSampleId :
VN0803WBSD02

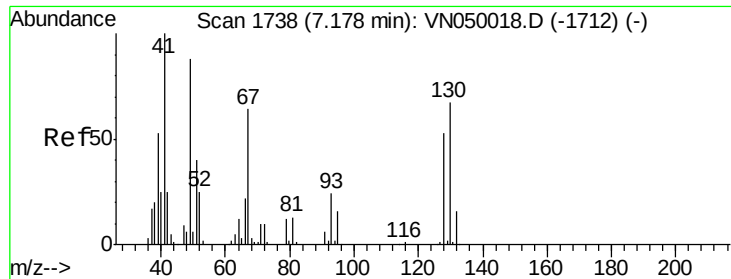
Tot Ion: 83 Resp: 177369
Ion Ratio Lower Upper
83 100
55 78.9 61.8 92.8
98 45.9 36.5 54.7



#40
Benzene
Concen: 20.68 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN050315.D
Acq: 3 Aug 2018 16:12

Tgt Ion: 78 Resp: 603982
Ion Ratio Lower Upper
78 100
77 24.4 18.7 28.1

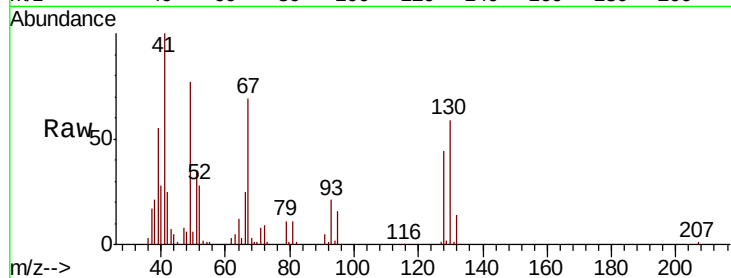




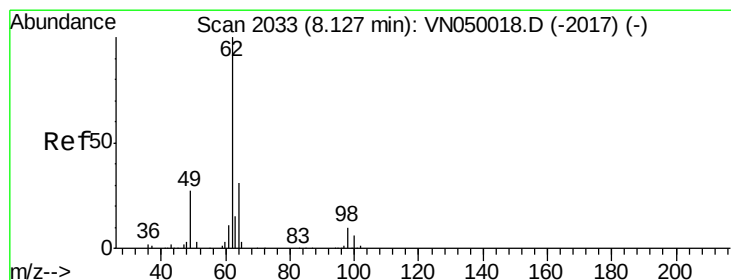
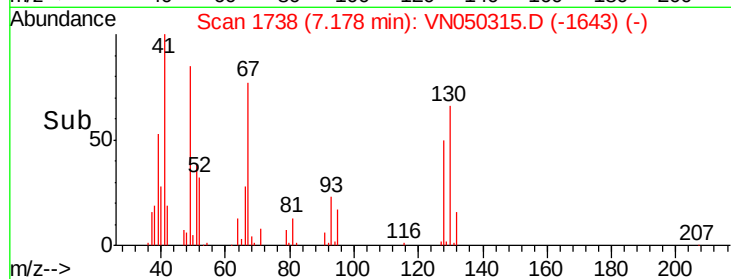
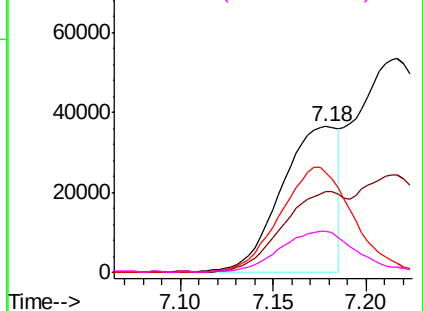
#41
Methacrylonitrile
Concen: 23.76 ug/l
RT: 7.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN050315.D
Acq: 3 Aug 2018 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN0803WBSD02

Tot Ion: 41 Resp: 77518
Ion Ratio Lower Upper
41 100
39 63.2 55.8 83.6
67 93.6 84.3 126.5
52 39.1 34.2 51.2

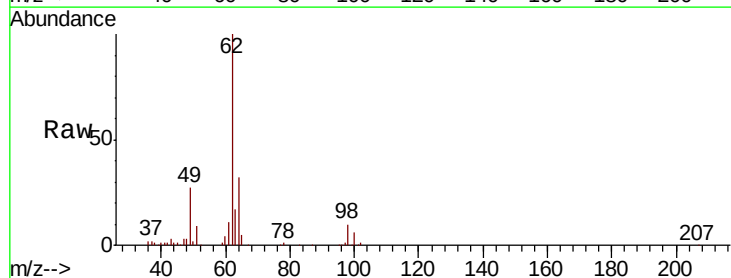


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

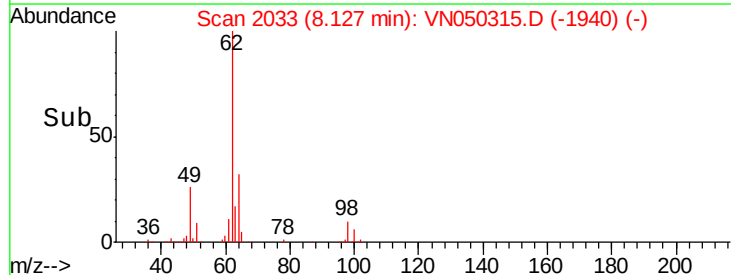
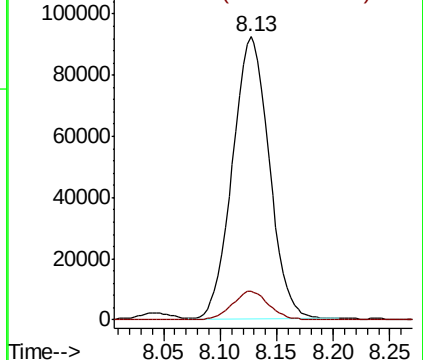


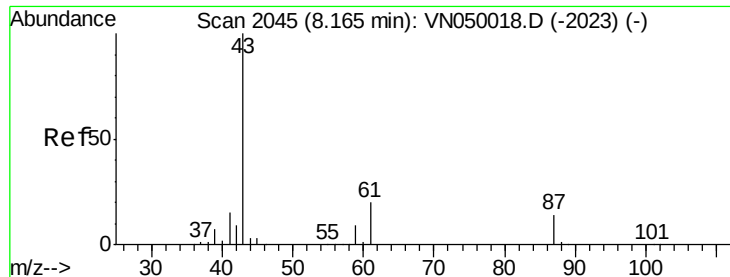
#42
1,2-Dichloroethane
Concen: 21.42 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN050315.D
Acq: 3 Aug 2018 16:12

Tgt Ion: 62 Resp: 208706
Ion Ratio Lower Upper
62 100
98 10.1 0.0 18.8



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





#43

Isopropyl Acetate

Concen: 30.78 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050315.D

Acq: 3 Aug 2018 16:12

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBSD02

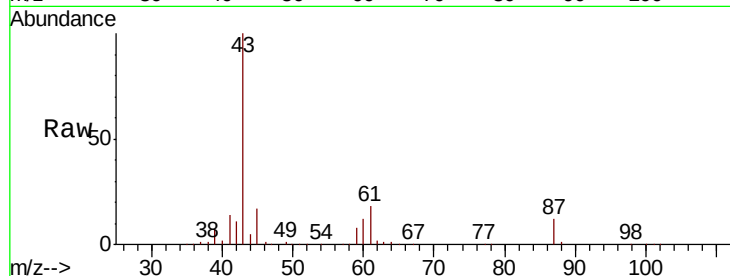
Tot Ion: 43 Resp: 393710

Ion Ratio Lower Upper

43 100

61 20.4 15.8 23.6

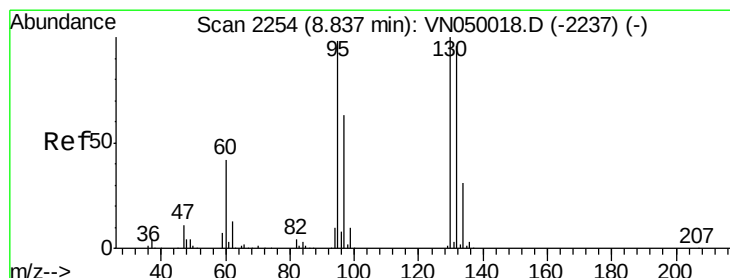
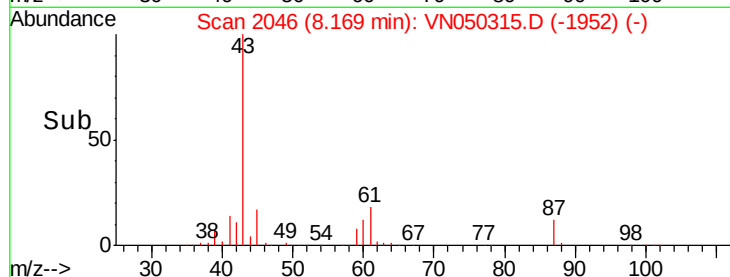
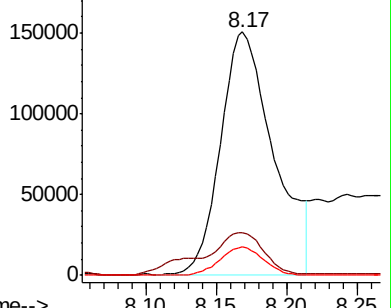
87 9.7 10.3 15.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 19.60 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN050315.D

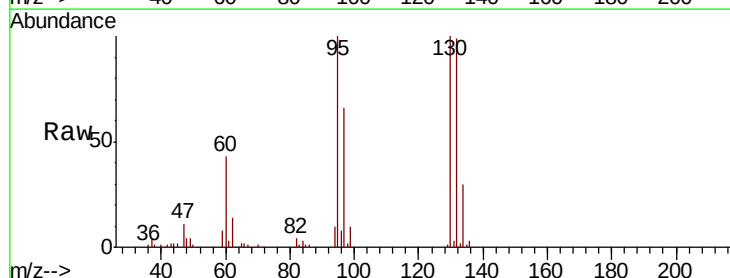
Acq: 3 Aug 2018 16:12

Tgt Ion:130 Resp: 153840

Ion Ratio Lower Upper

130 100

95 99.5 0.0 194.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

Ion 94.90 (94.60 to 95.60): VN0

Ion 94.90 (94.60 to 95.60): VN0

Ion 94.90 (94.60 to 95.60): VN0

Ion 94.90 (94.60 to 95.60): VN0

Ion 94.90 (94.60 to 95.60): VN0

Ion 94.90 (94.60 to 95.60): VN0

Ion 94.90 (94.60 to 95.60): VN0

Ion 94.90 (94.60 to 95.60): VN0

Ion 94.90 (94.60 to 95.60): VN0

Ion 94.90 (94.60 to 95.60): VN0

Ion 94.90 (94.60 to 95.60): VN0

Ion 94.90 (94.60 to 95.60): VN0

Ion 94.90 (94.60 to 95.60): VN0

Ion 94.90 (94.60 to 95.60): VN0

Ion 94.90 (94.60 to 95.60): VN0

Ion 94.90 (94.60 to 95.60): VN0

Ion 94.90 (94.60 to 95.60): VN0

Ion 94.90 (94.60 to 95.60): VN0

Ion 94.90 (94.60 to 95.60): VN0

Ion 94.90 (94.60 to 95.60): VN0

Ion 94.90 (94.60 to 95.60): VN0

Ion 94.90 (94.60 to 95.60): VN0

Ion 94.90 (94.60 to 95.60): VN0

Ion 94.90 (94.60 to 95.60): VN0

Ion 94.90 (94.60 to 95.60): VN0

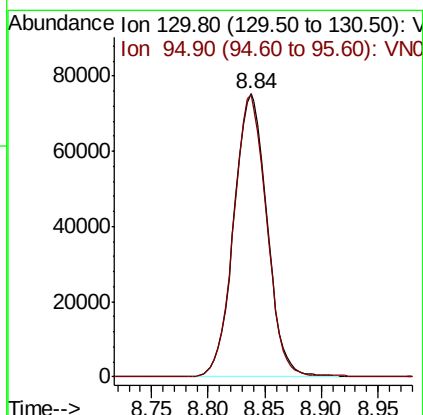
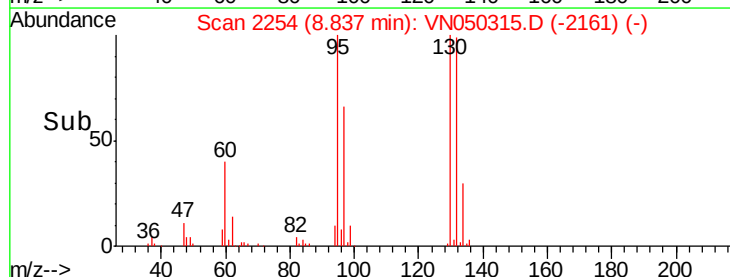
Ion 94.90 (94.60 to 95.60): VN0

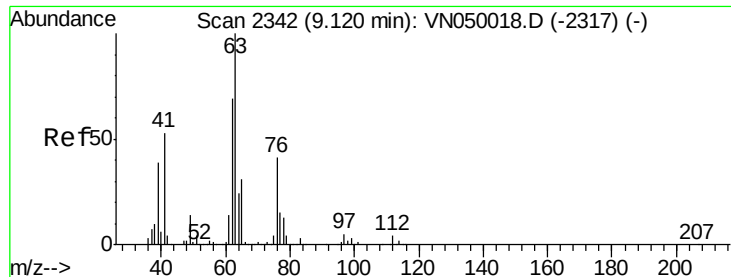
Ion 94.90 (94.60 to 95.60): VN0

Ion 94.90 (94.60 to 95.60): VN0

Ion 94.90 (94.60 to 95.60): VN0

Ion 94.90 (94.60 to 95.60): VN0

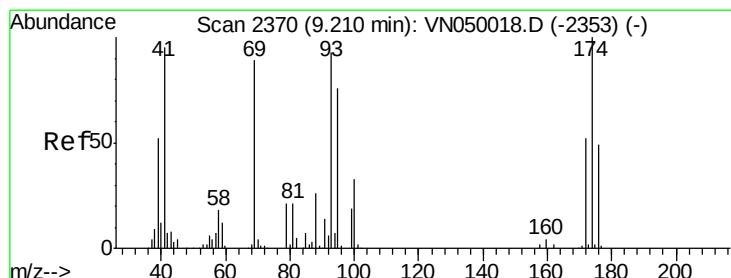
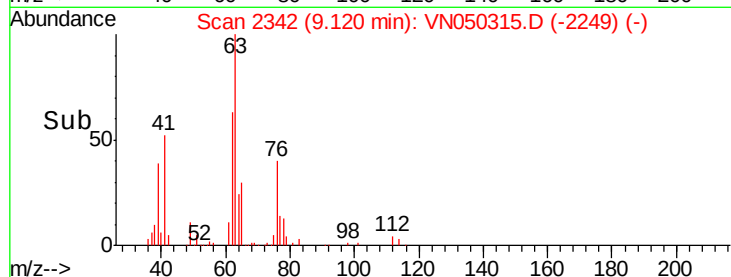
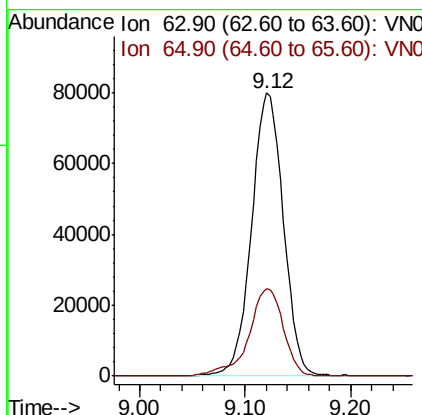
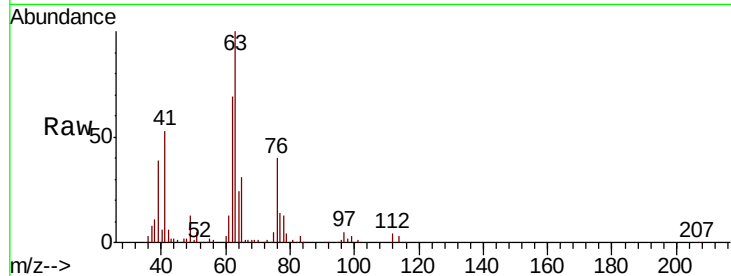




#45
 1,2-Dichloropropane
 Concen: 21.75 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN050315.D
 Acq: 3 Aug 2018 16:12

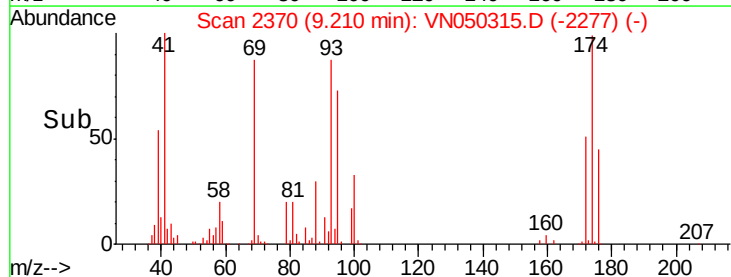
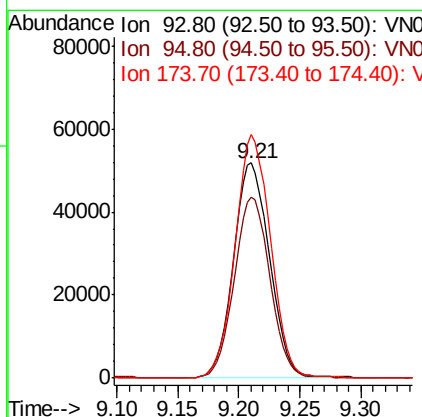
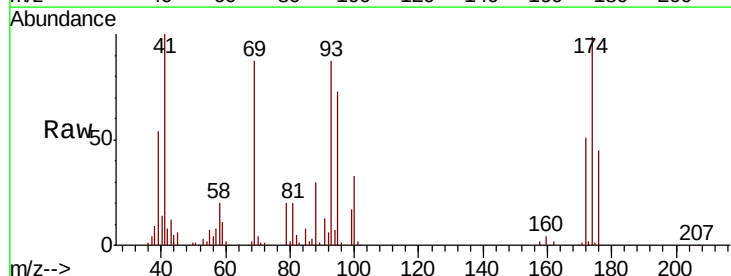
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBSD02

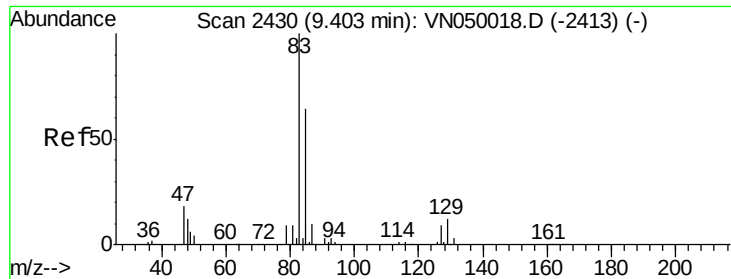
Tot Ion: 63 Resp: 168251
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.5 38.3



#46
 Dibromomethane
 Concen: 22.18 ug/l
 RT: 9.21 min Scan# 2370
 Delta R.T. 0.00 min
 Lab File: VN050315.D
 Acq: 3 Aug 2018 16:12

Tgt Ion: 93 Resp: 106557
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.6 100.0
 174 110.7 87.1 130.7

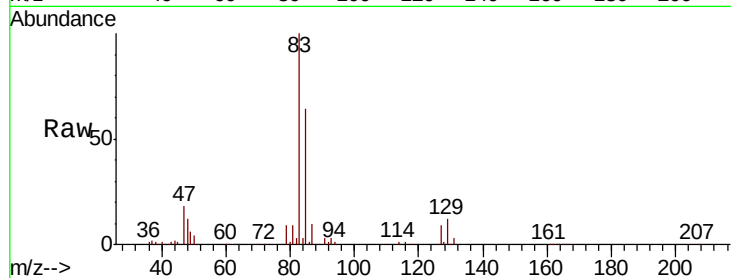




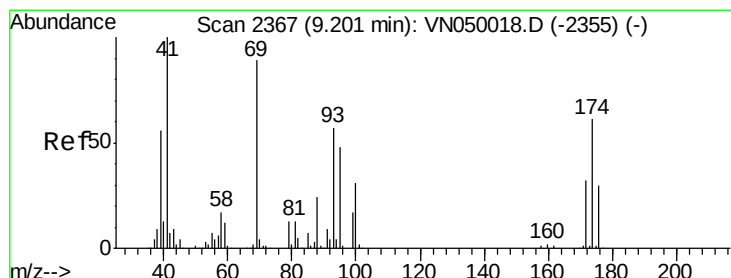
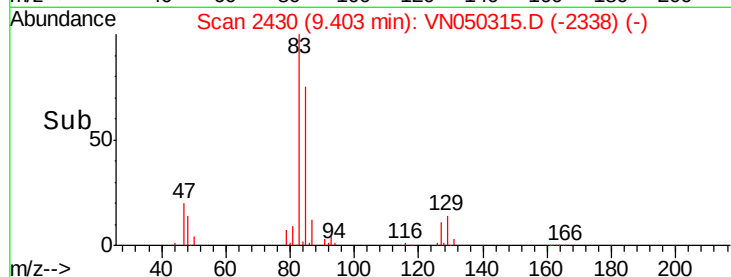
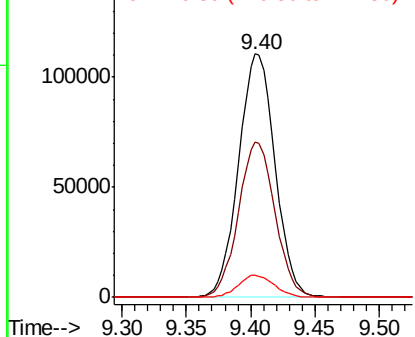
#47
Bromodichloromethane
Concen: 21.48 ug/l
RT: 9.40 min Scan# 2430
Delta R.T. -0.00 min
Lab File: VN050315.D
Acq: 3 Aug 2018 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN0803WBSD02

Tot Ion: 83 Resp: 217821
Ion Ratio Lower Upper
83 100
85 63.9 51.1 76.7
127 9.1 7.0 10.4

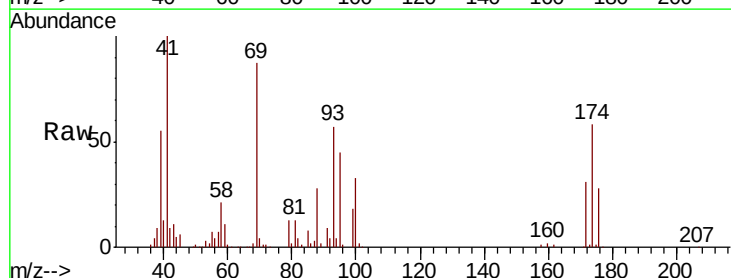


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V

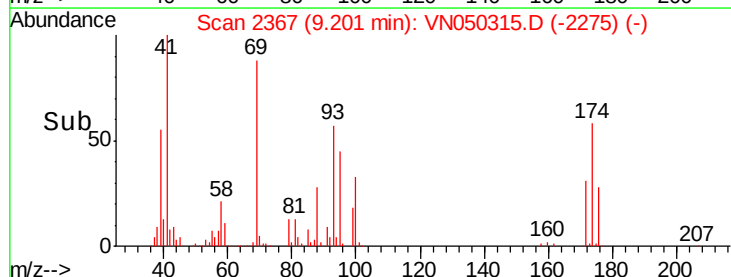
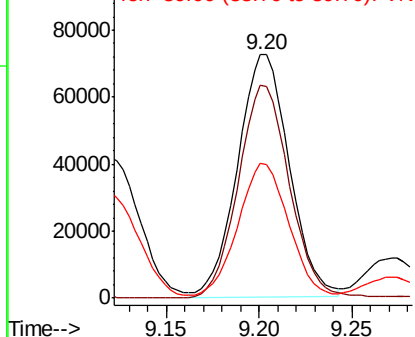


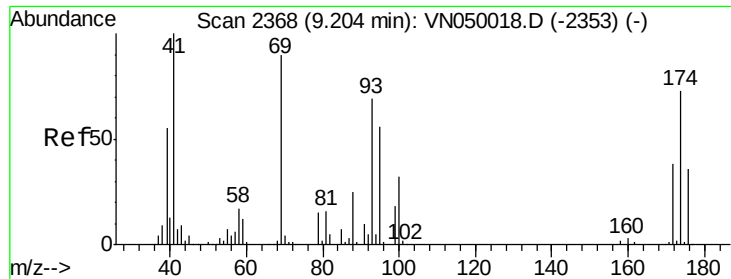
#48
Methyl methacrylate
Concen: 24.47 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN050315.D
Acq: 3 Aug 2018 16:12

Tgt Ion: 41 Resp: 141030
Ion Ratio Lower Upper
41 100
69 87.7 70.6 105.8
39 54.3 43.9 65.9



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

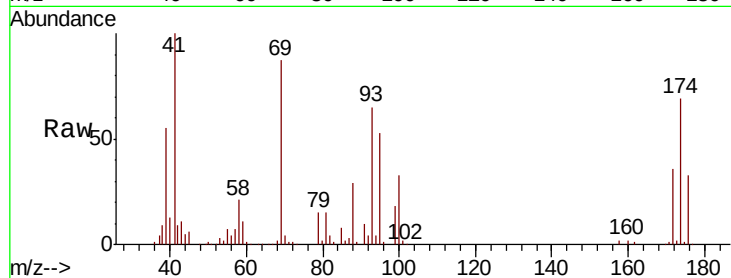




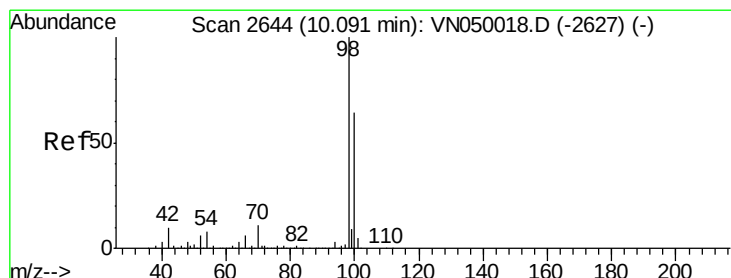
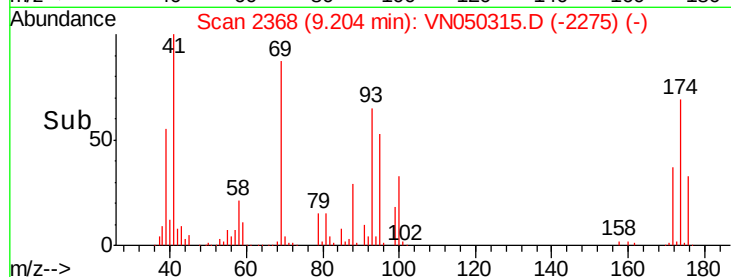
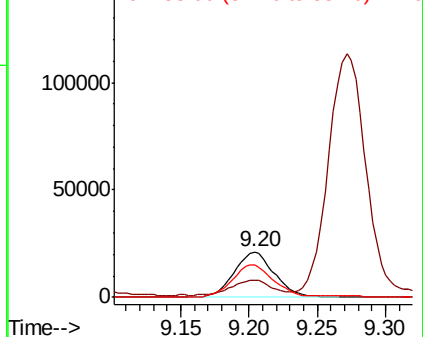
#49
 1,4-Dioxane
 Concen: 553.13 ug/l
 RT: 9.20 min Scan# 2368
 Delta R.T. 0.00 min
 Lab File: VN050315.D
 Acq: 3 Aug 2018 16:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBSD02

Tot Ion: 88 Resp: 43388
 Ion Ratio Lower Upper
 88 100
 43 33.0 26.9 40.3
 58 72.5 57.3 85.9

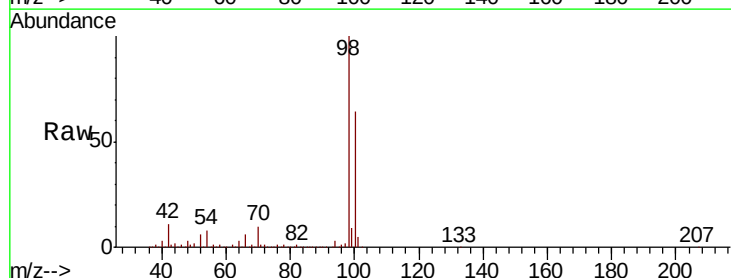


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

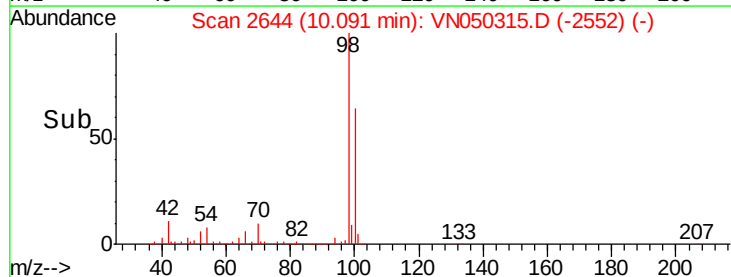
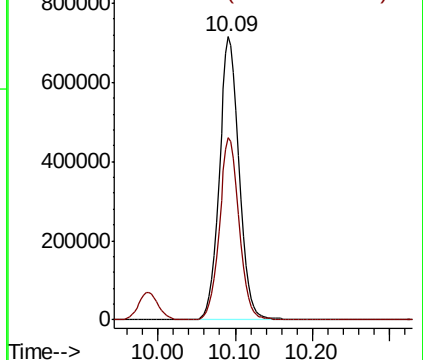


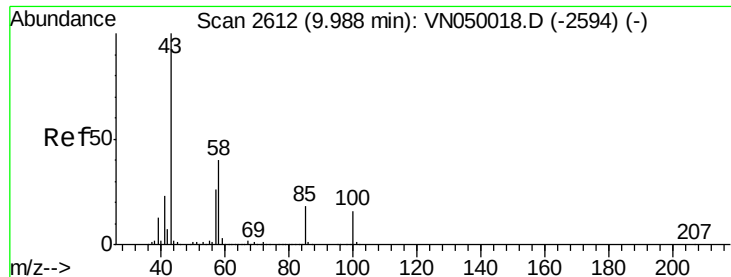
#50
 Toluene-d8
 Concen: 50.05 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. -0.00 min
 Lab File: VN050315.D
 Acq: 3 Aug 2018 16:12

Tgt Ion: 98 Resp: 1280090
 Ion Ratio Lower Upper
 98 100
 100 63.9 50.7 76.1



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

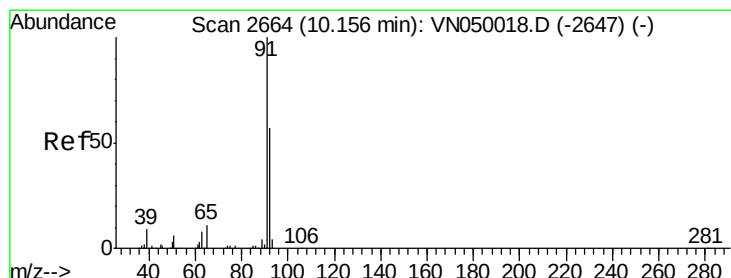
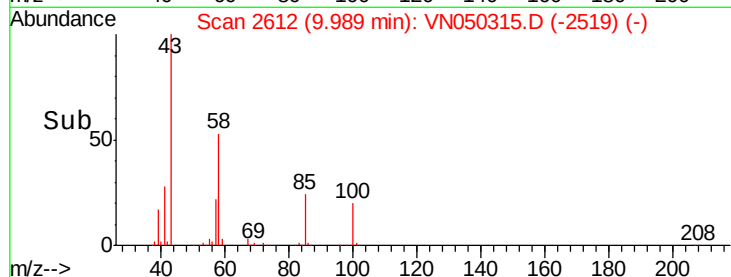
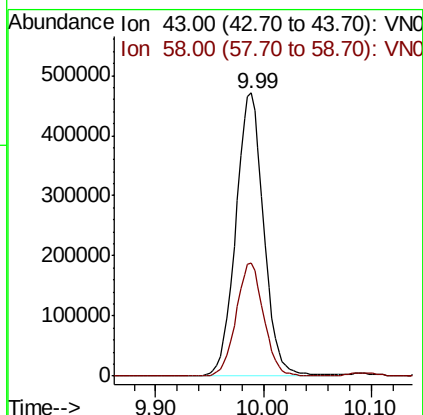
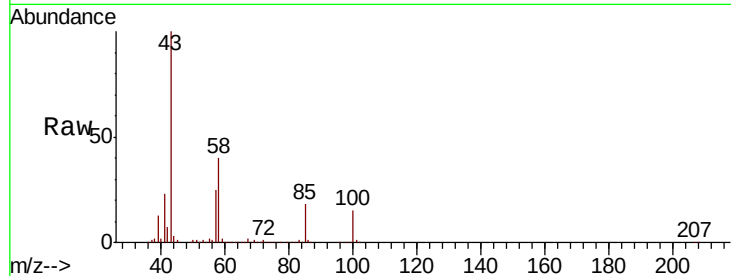




#51
 4-Methyl-2-Pentanone
 Concen: 128.51 ug/l
 RT: 9.99 min Scan# 2612
 Delta R.T. 0.00 min
 Lab File: VN050315.D
 Acq: 3 Aug 2018 16:12

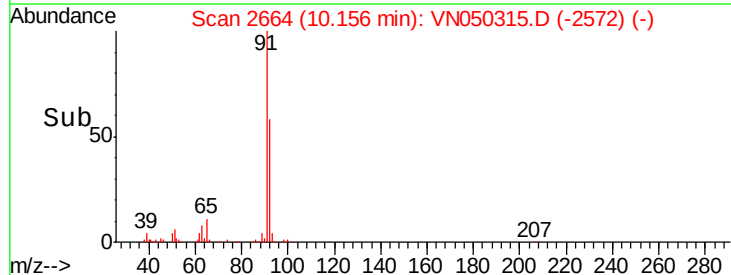
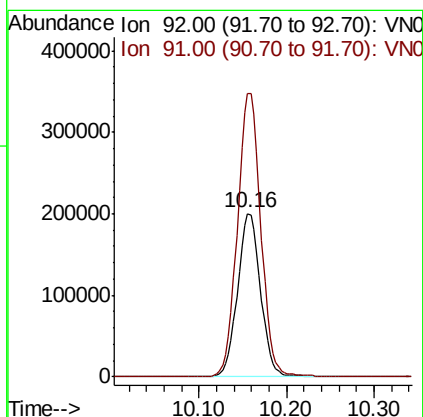
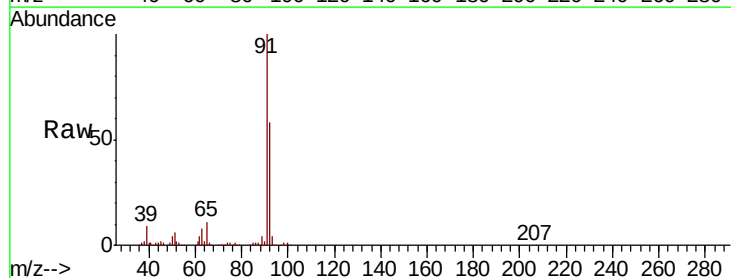
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0803WBSD02

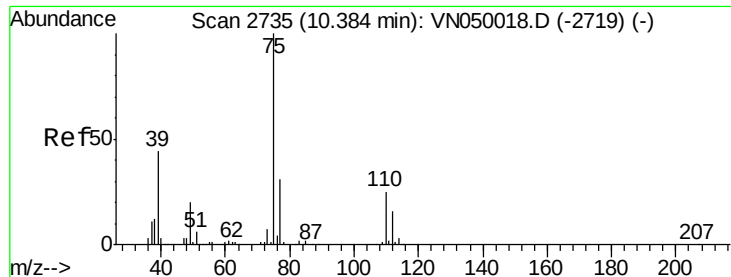
Tot Ion: 43 Resp: 845511
 Ion Ratio Lower Upper
 43 100
 58 39.6 31.9 47.9



#52
 Toluene
 Concen: 21.23 ug/l
 RT: 10.16 min Scan# 2664
 Delta R.T. -0.00 min
 Lab File: VN050315.D
 Acq: 3 Aug 2018 16:12

Tgt Ion: 92 Resp: 366037
 Ion Ratio Lower Upper
 92 100
 91 176.2 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 22.14 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN050315.D

Acq: 3 Aug 2018 16:12

Instrument :

MSVOA_N

ClientSampled :

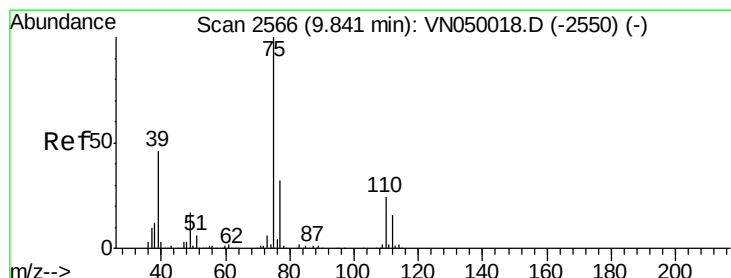
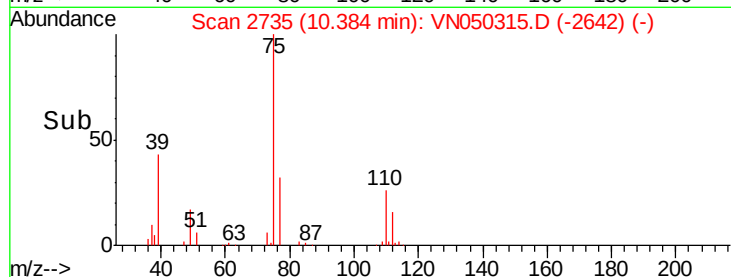
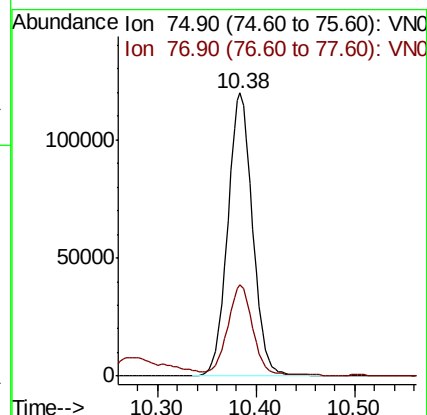
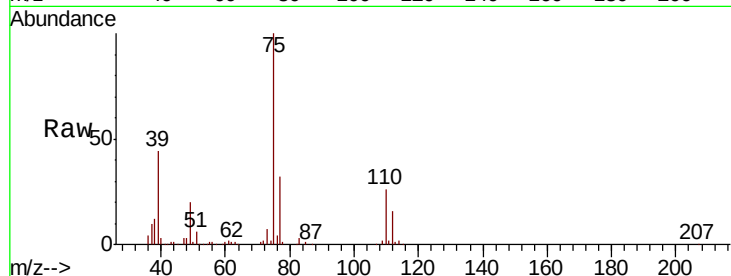
VN0803WBSD02

Tot Ion: 75 Resp: 211876

Ion Ratio Lower Upper

75 100

77 32.0 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 21.64 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. -0.00 min

Lab File: VN050315.D

Acq: 3 Aug 2018 16:12

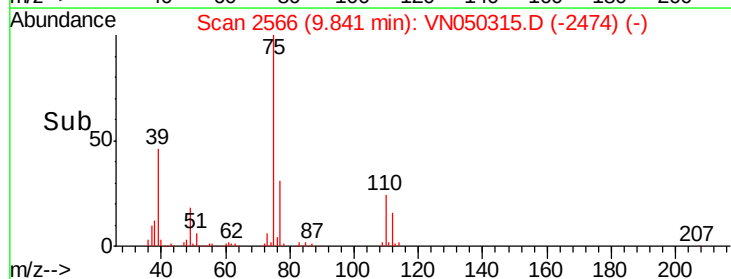
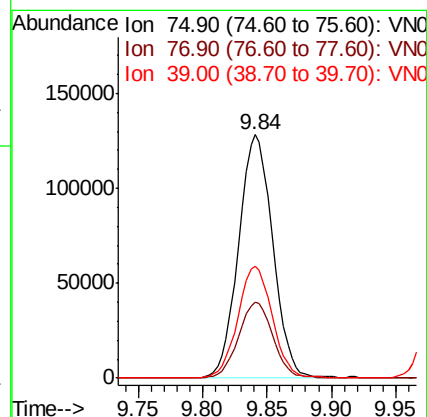
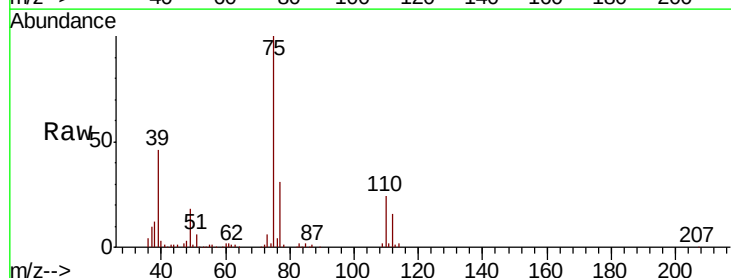
Tgt Ion: 75 Resp: 236653

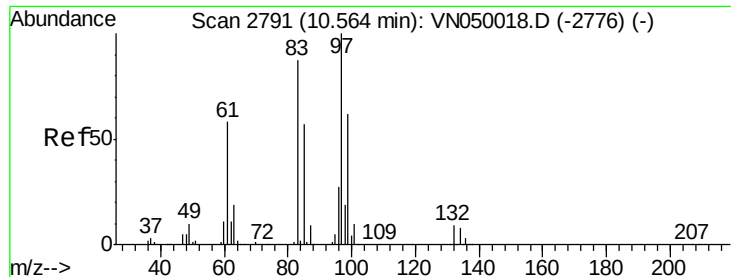
Ion Ratio Lower Upper

75 100

77 31.3 25.5 38.3

39 45.9 36.6 55.0





#55

1,1,2-Trichloroethane

Concen: 23.27 ug/l

RT: 10.56 min Scan# 2791

Delta R.T. -0.00 min

Lab File: VN050315.D

Acq: 3 Aug 2018 16:12

Instrument :

MSVOA_N

ClientSampled :

VN0803WBSD02

Tot Ion: 97 Resp: 159118

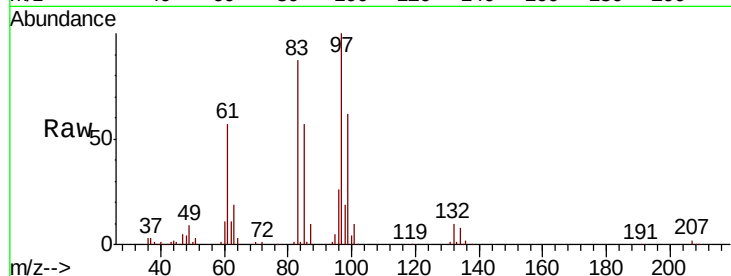
Ion Ratio Lower Upper

97 100

83 87.2 69.2 103.8

85 56.6 44.0 66.0

99 61.6 49.9 74.9

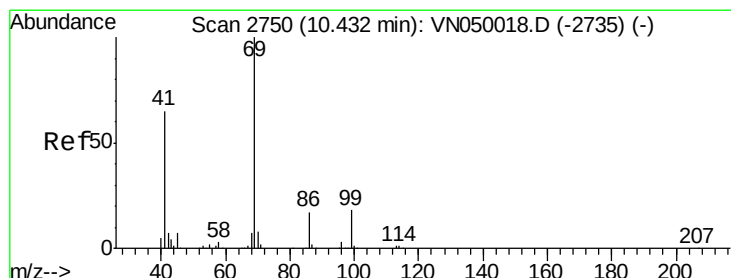
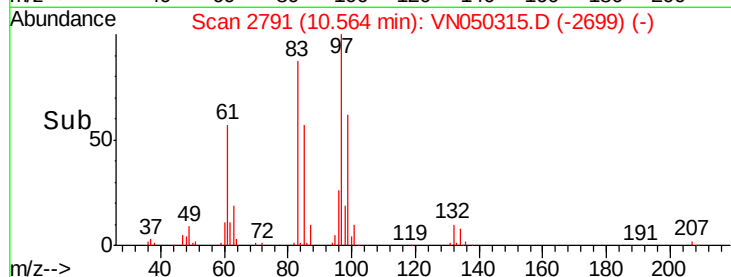
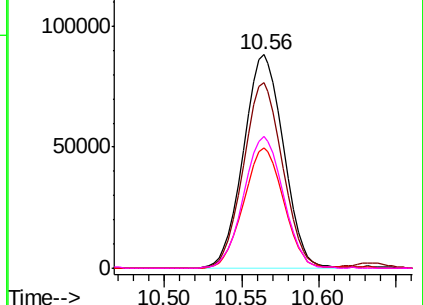


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 22.33 ug/l

RT: 10.43 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VN050315.D

Acq: 3 Aug 2018 16:12

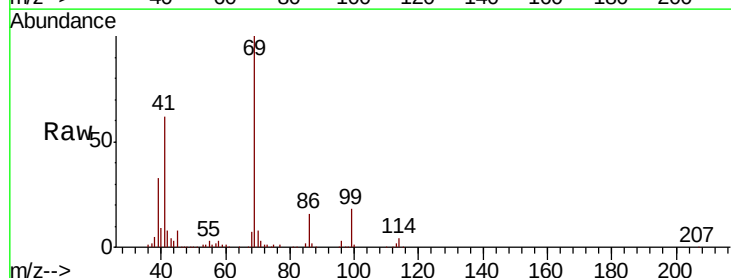
Tgt Ion: 69 Resp: 196022

Ion Ratio Lower Upper

69 100

41 63.0 51.0 76.4

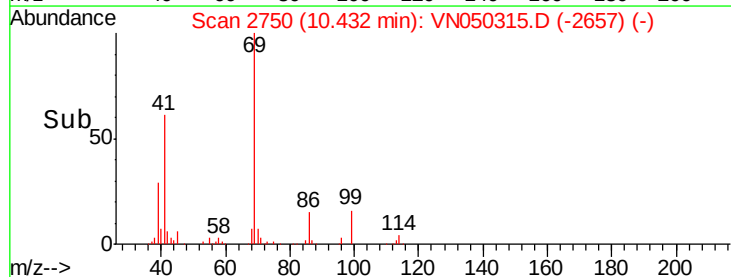
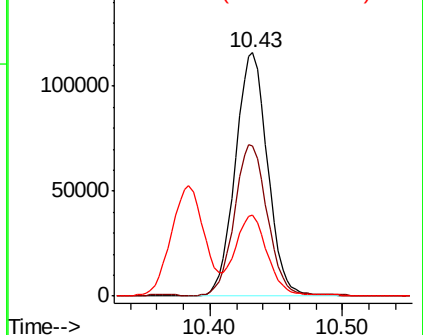
39 32.6 26.6 40.0

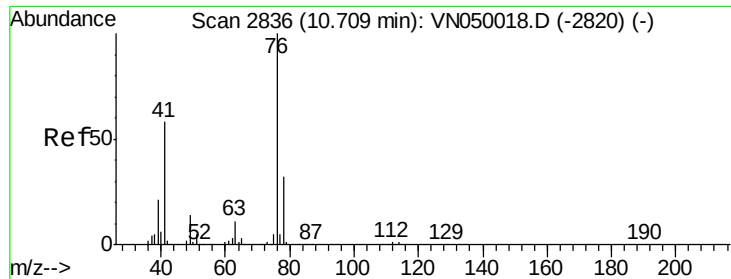


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

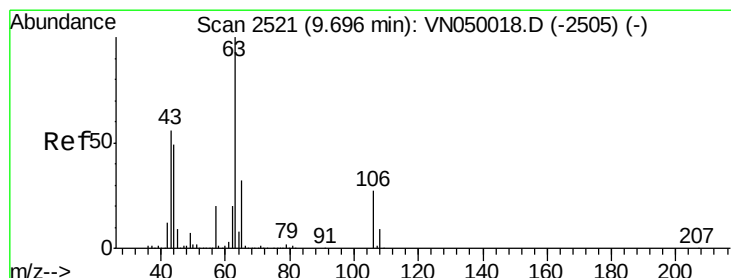
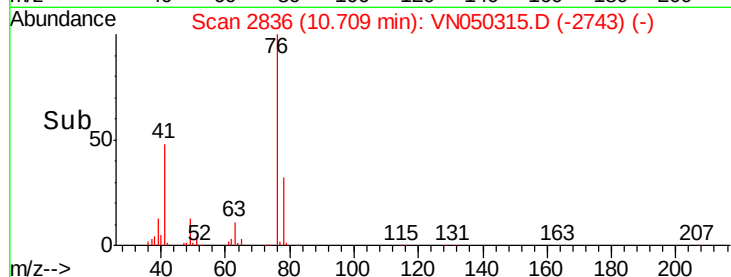
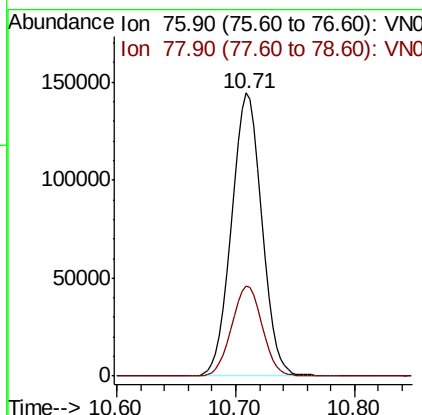
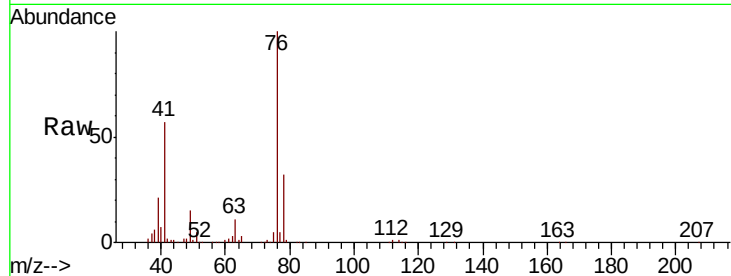




#57
 1,3-Dichloropropane
 Concen: 22.93 ug/l
 RT: 10.71 min Scan# 2836
 Delta R.T. 0.00 min
 Lab File: VN050315.D
 Acq: 3 Aug 2018 16:12

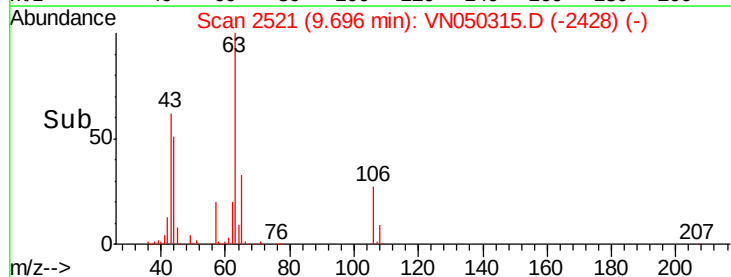
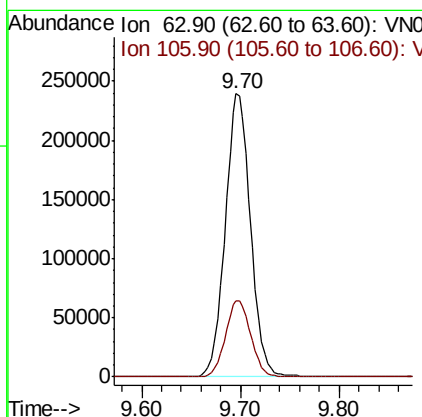
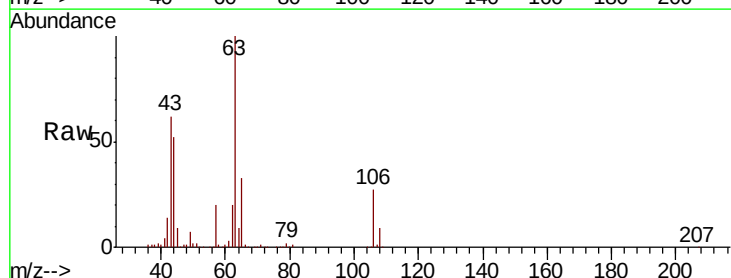
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBSD02

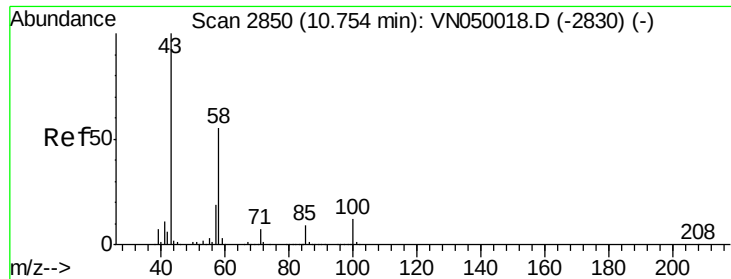
Tot Ion: 76 Resp: 255379
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.17 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. -0.00 min
 Lab File: VN050315.D
 Acq: 3 Aug 2018 16:12

Tgt Ion: 63 Resp: 428603
 Ion Ratio Lower Upper
 63 100
 106 27.1 21.7 32.5

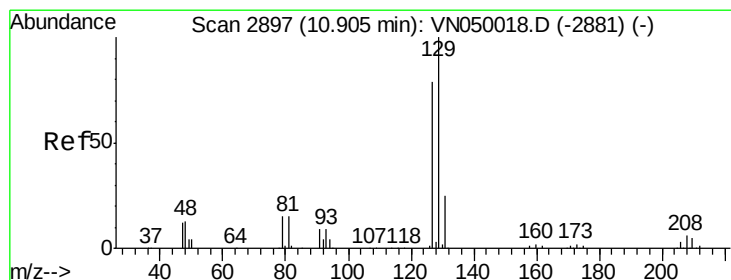
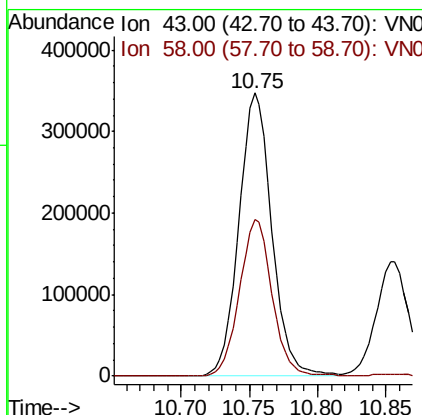
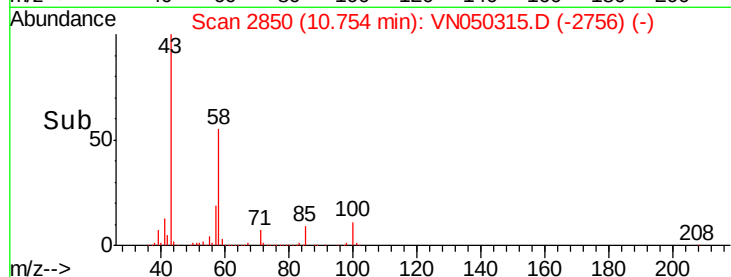
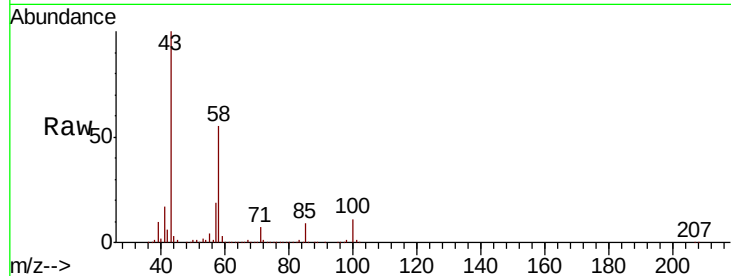




#59
2-Hexanone
Concen: 122.06 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN050315.D
Acq: 3 Aug 2018 16:12

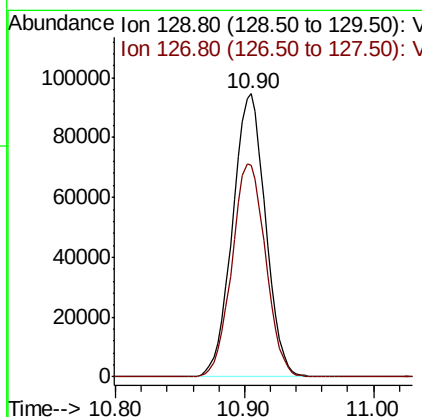
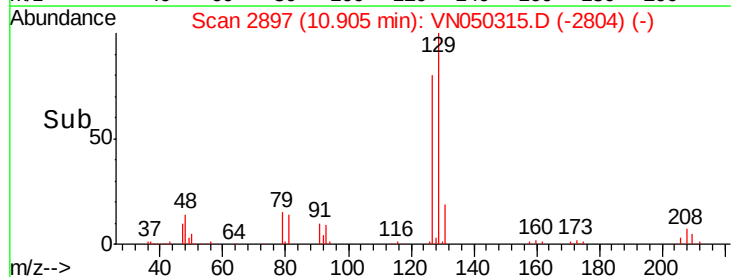
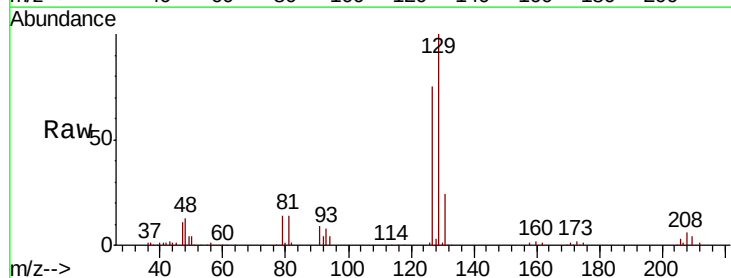
Instrument :
MSVOA_N
ClientSampleId :
VN0803WBSD02

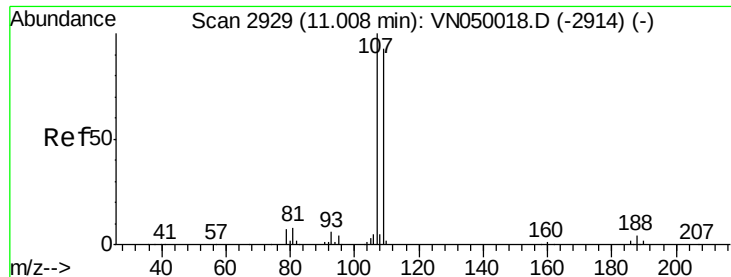
Tot Ion: 43 Resp: 577018
Ion Ratio Lower Upper
43 100
58 55.3 27.6 82.7



#60
Dibromochloromethane
Concen: 22.18 ug/l
RT: 10.90 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VN050315.D
Acq: 3 Aug 2018 16:12

Tgt Ion: 129 Resp: 167974
Ion Ratio Lower Upper
129 100
127 76.9 38.0 113.9





#61

1,2-Dibromoethane

Concen: 22.58 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN050315.D

Acq: 3 Aug 2018 16:12

Instrument :

MSVOA_N

ClientSampleId :

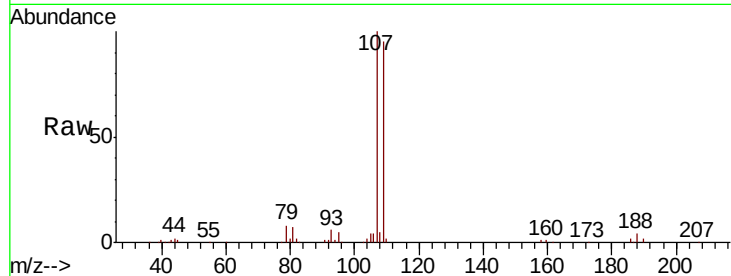
VN0803WBSD02

Tot Ion:107 Resp: 153223

Ion Ratio Lower Upper

107 100

109 94.4 74.6 112.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.01

80000

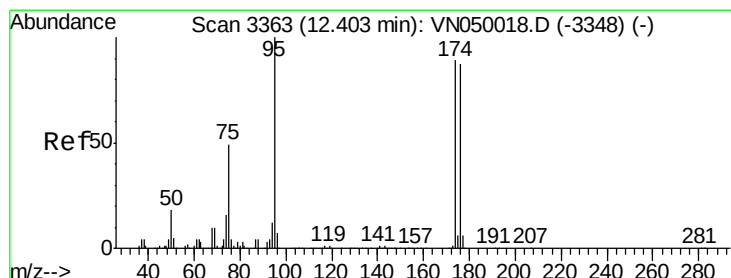
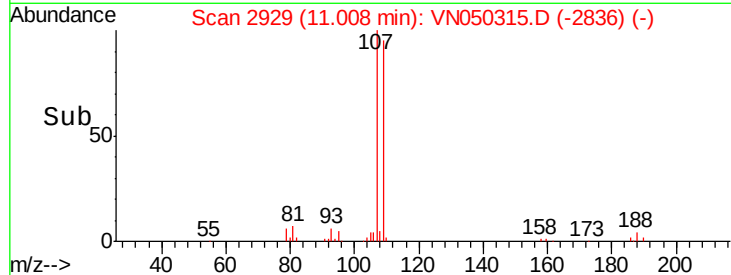
60000

40000

20000

0

Time--> 10.90 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 51.54 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050315.D

Acq: 3 Aug 2018 16:12

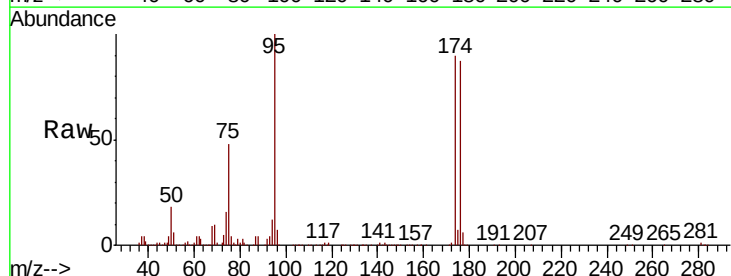
Tgt Ion: 95 Resp: 434038

Ion Ratio Lower Upper

95 100

174 90.3 0.0 178.2

176 86.8 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

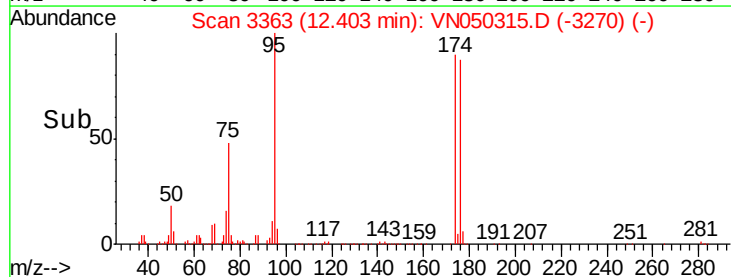
300000

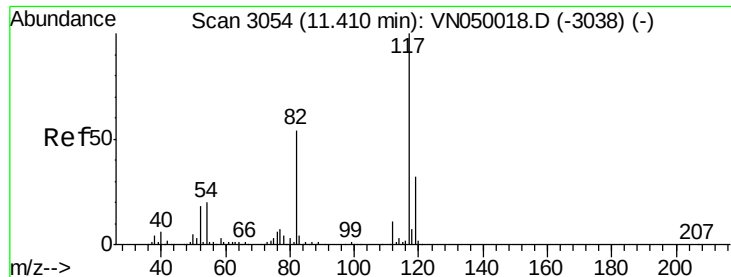
200000

100000

0

Time--> 12.35 12.40 12.45

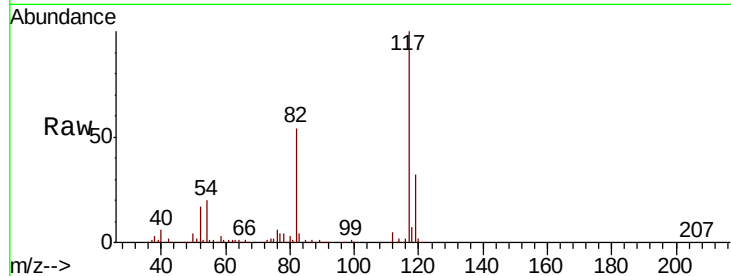




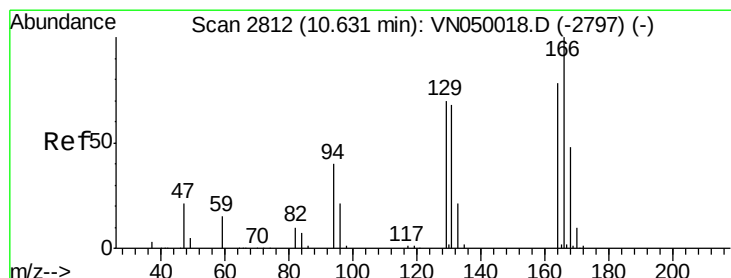
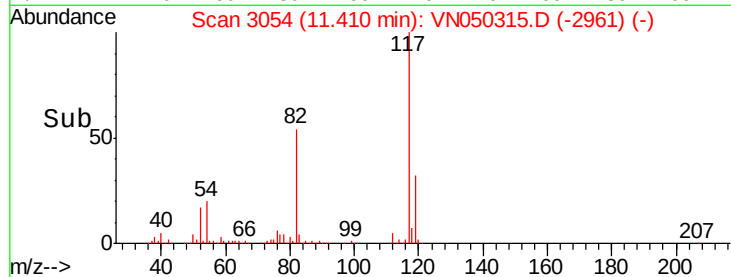
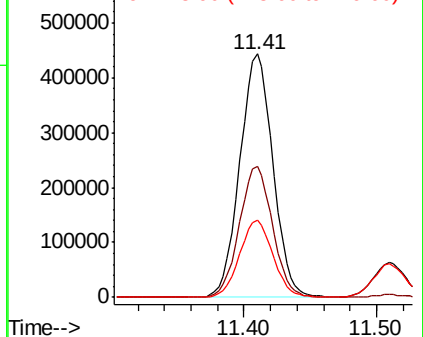
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050315.D
Acq: 3 Aug 2018 16:12

Instrument :
MSVOA_N
ClientSampleId :
VN0803WBSD02

Tot Ion:117 Resp: 770463
Ion Ratio Lower Upper
117 100
82 53.5 43.7 65.5
119 31.5 26.1 39.1

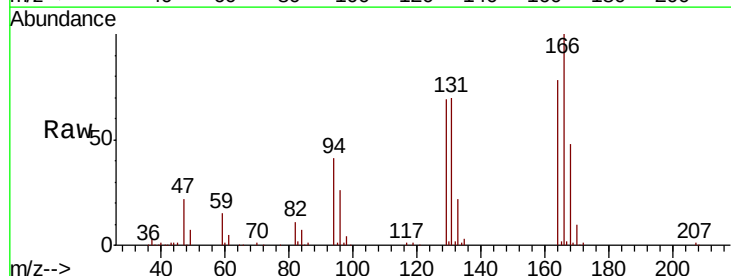


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

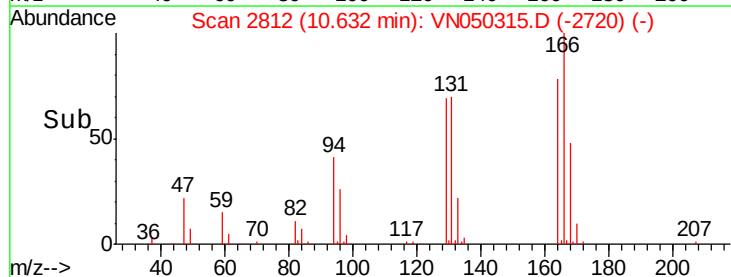
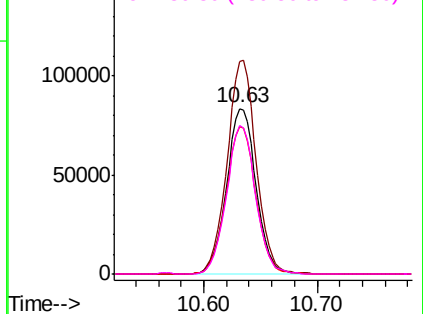


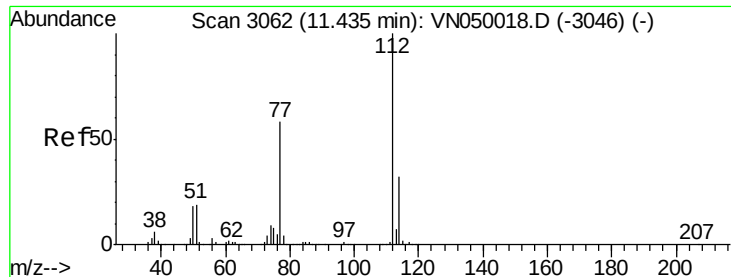
#64
Tetrachloroethene
Concen: 20.42 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN050315.D
Acq: 3 Aug 2018 16:12

Tgt Ion:164 Resp: 151278
Ion Ratio Lower Upper
164 100
166 128.6 102.1 153.1
129 88.9 73.2 109.8
131 89.4 70.6 106.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

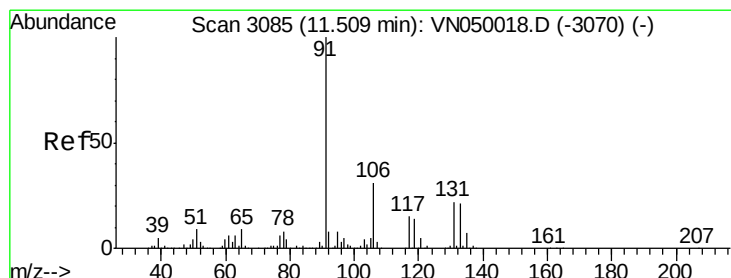
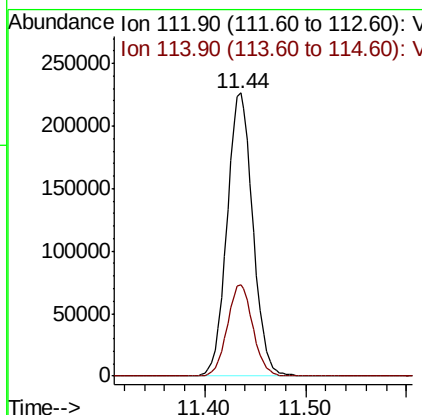
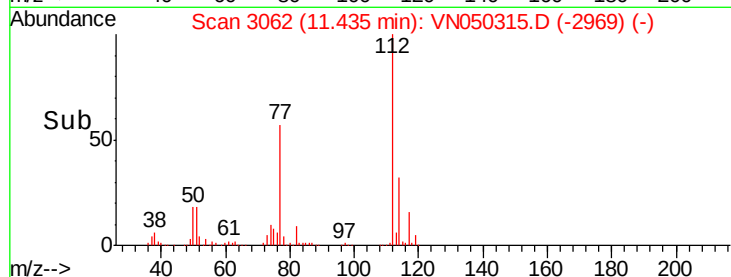
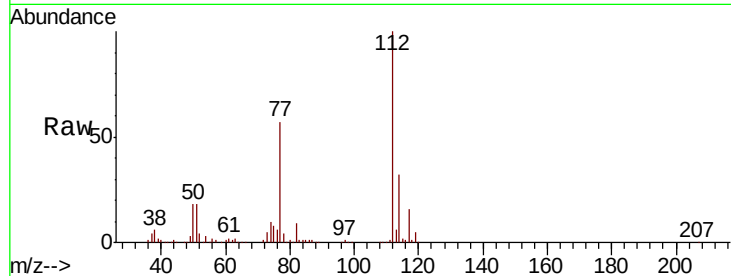




#65
Chlorobenzene
Concen: 20.72 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN050315.D
Acq: 3 Aug 2018 16:12

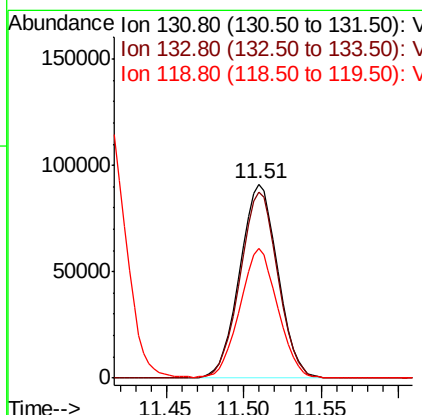
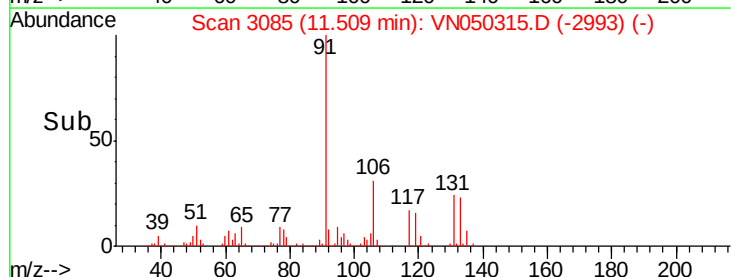
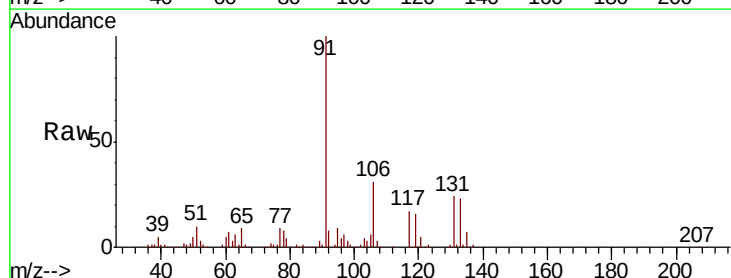
Instrument :
MSVOA_N
ClientSampled :
VN0803WBSD02

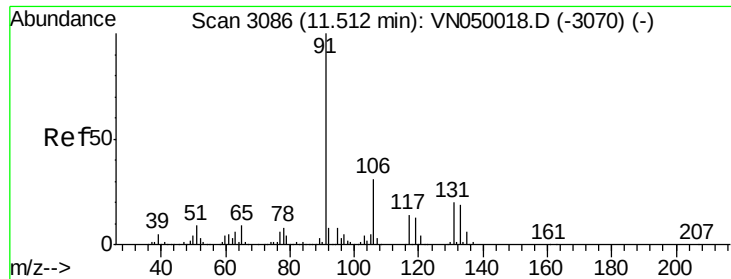
Tot Ion:112 Resp: 403330
Ion Ratio Lower Upper
112 100
114 32.3 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.90 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. -0.00 min
Lab File: VN050315.D
Acq: 3 Aug 2018 16:12

Tgt Ion:131 Resp: 156271
Ion Ratio Lower Upper
131 100
133 95.5 47.3 141.9
119 66.4 32.9 98.7





#67

Ethyl Benzene

Concen: 20.66 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN050315.D

Acq: 3 Aug 2018 16:12

Instrument :

MSVOA_N

ClientSampled :

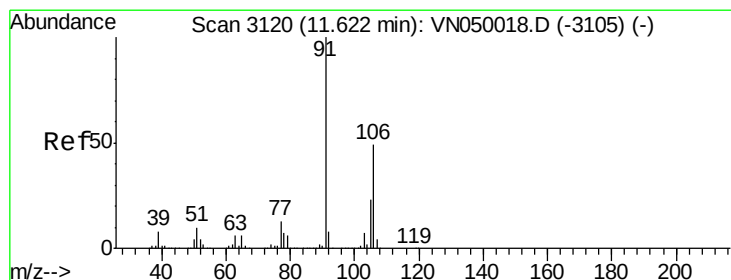
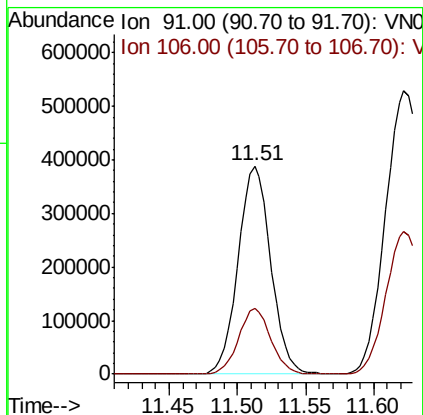
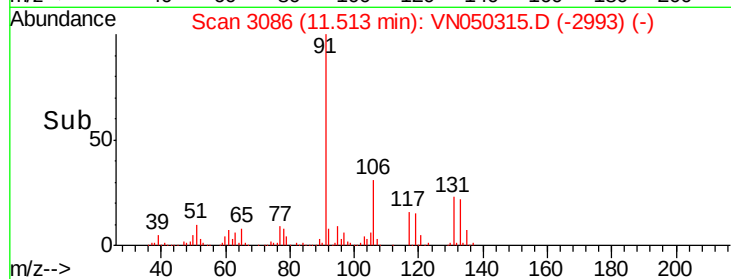
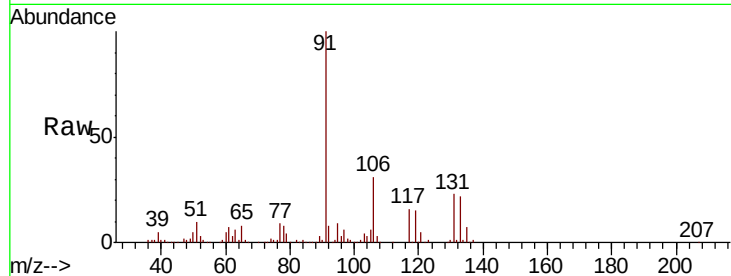
VN0803WBSD02

Tot Ion: 91 Resp: 645820

Ion Ratio Lower Upper

91 100

106 31.4 25.0 37.4



#68

m/p-Xylenes

Concen: 43.05 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. -0.00 min

Lab File: VN050315.D

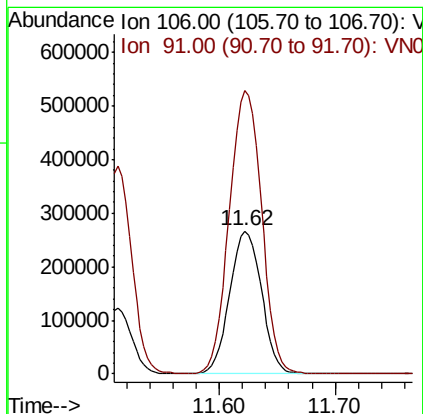
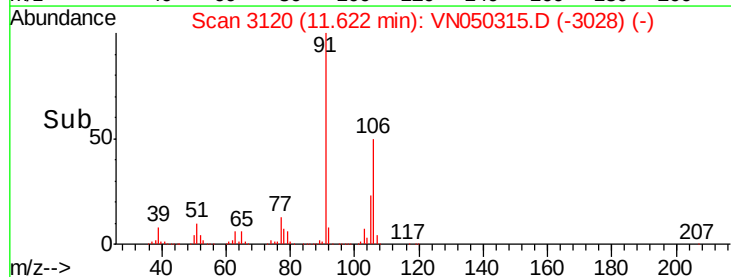
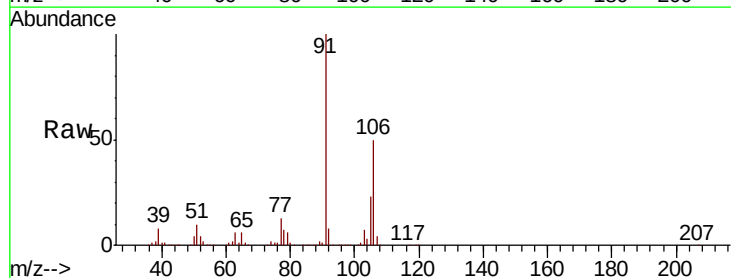
Acq: 3 Aug 2018 16:12

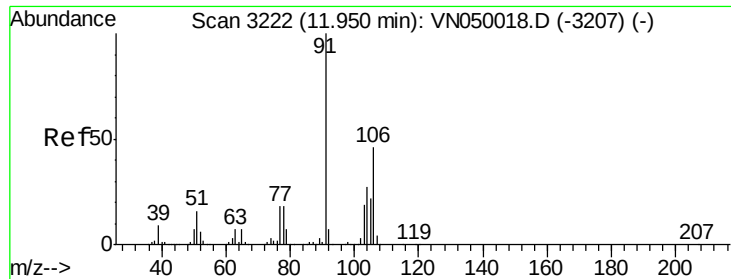
Tgt Ion: 106 Resp: 509022

Ion Ratio Lower Upper

106 100

91 201.0 162.2 243.2

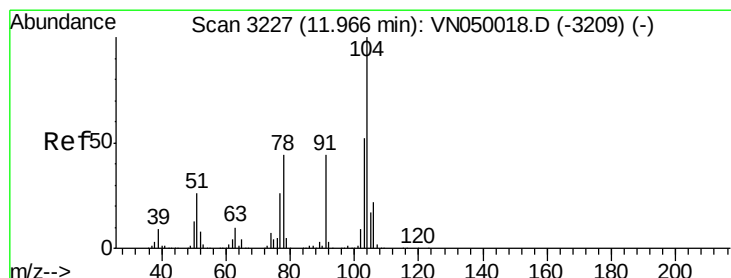
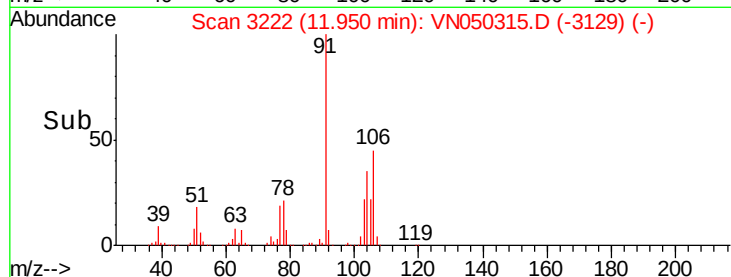
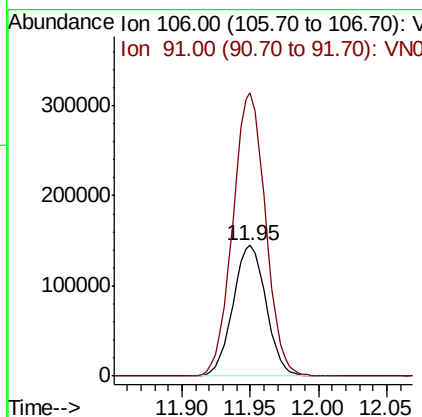
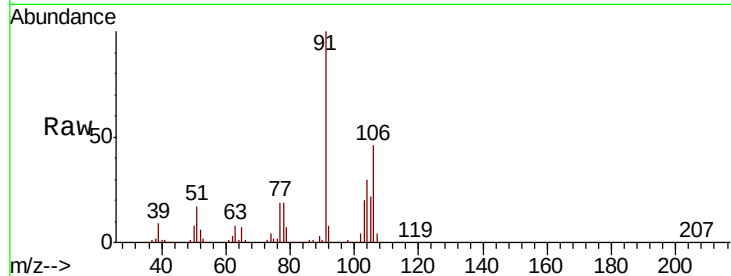




#69
o-Xylene
Concen: 21.72 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050315.D
Acq: 3 Aug 2018 16:12

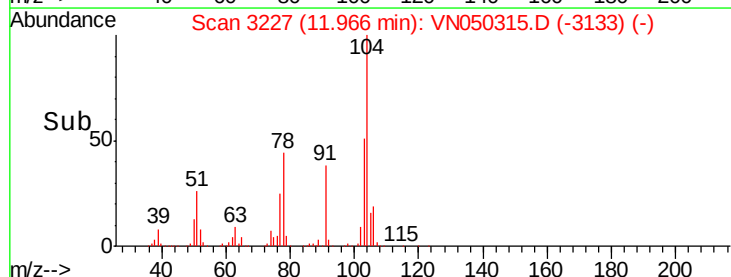
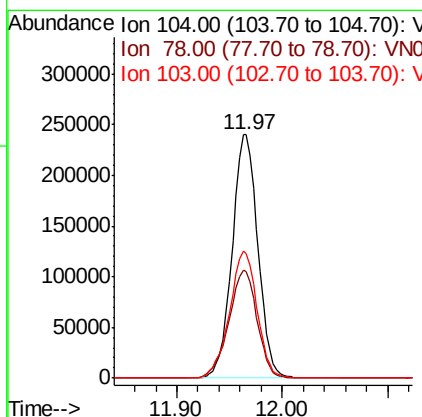
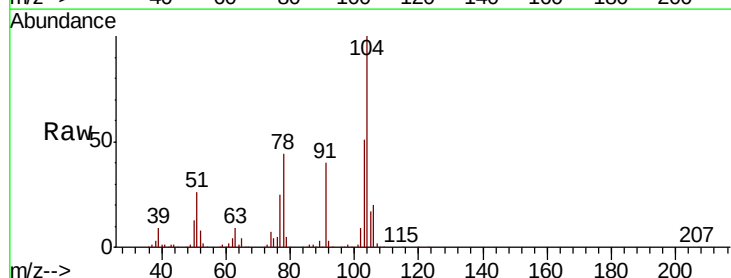
Instrument :
MSVOA_N
ClientSampleId :
VN0803WBSD02

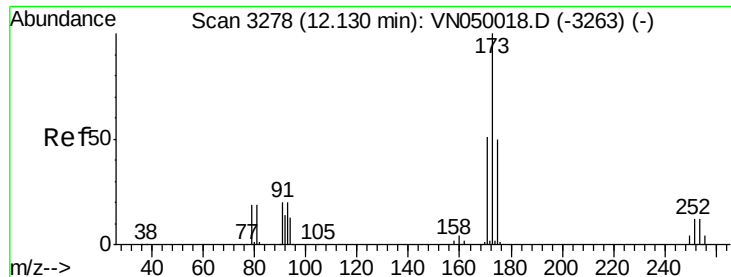
Tot Ion:106 Resp: 244801
Ion Ratio Lower Upper
106 100
91 213.4 107.7 323.1



#70
Styrene
Concen: 20.73 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN050315.D
Acq: 3 Aug 2018 16:12

Tgt Ion:104 Resp: 404638
Ion Ratio Lower Upper
104 100
78 48.6 39.3 58.9
103 55.9 45.0 67.6





#71

Bromoform

Concen: 21.96 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN050315.D

Acq: 3 Aug 2018 16:12

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBSD02

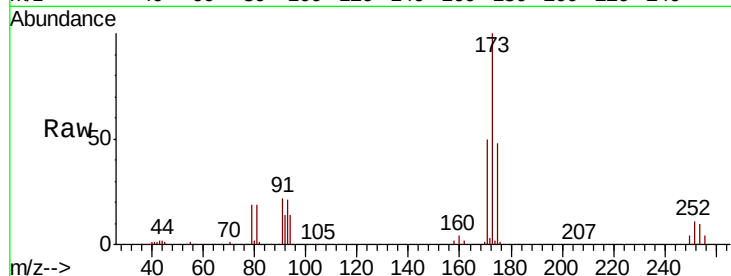
Tot Ion:173 Resp: 119439

Ion Ratio Lower Upper

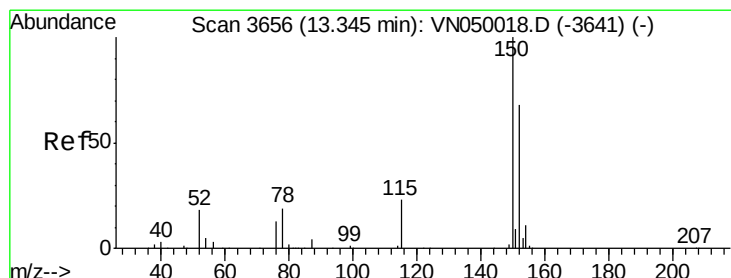
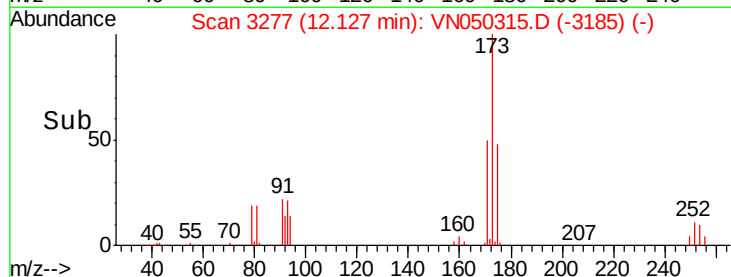
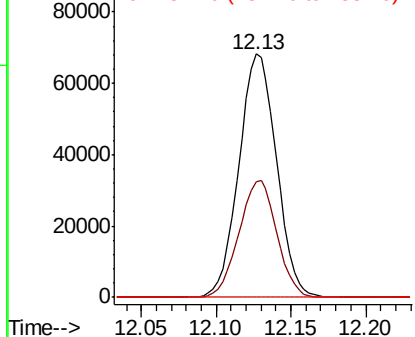
173 100

175 48.1 24.1 72.2

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050315.D

Acq: 3 Aug 2018 16:12

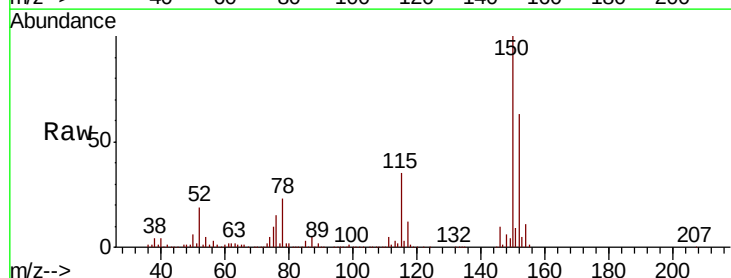
Tgt Ion:152 Resp: 411947

Ion Ratio Lower Upper

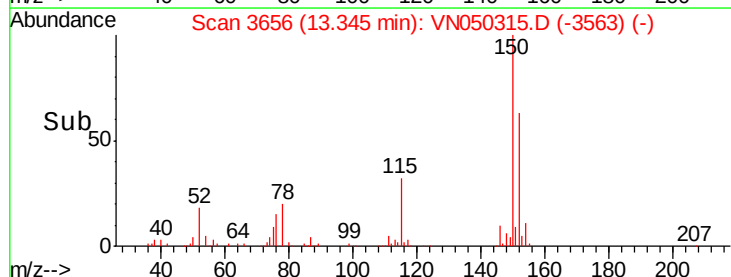
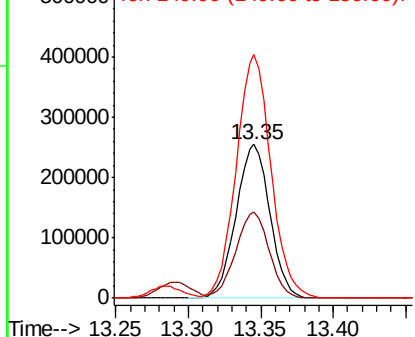
152 100

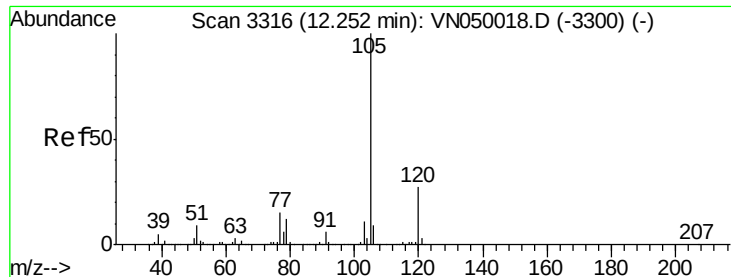
115 55.4 27.8 83.3

150 162.9 0.0 348.6



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





#73

Isopropylbenzene

Concen: 19.98 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN050315.D

Acq: 3 Aug 2018 16:12

Instrument :

MSVOA_N

ClientSampleId :

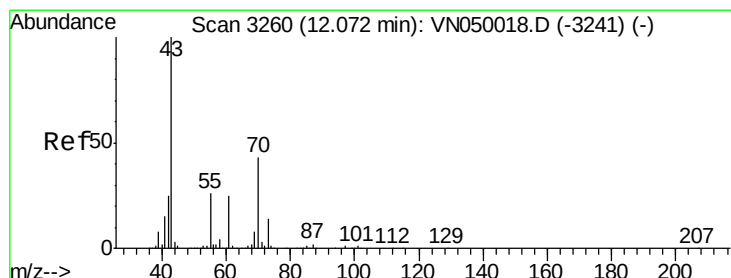
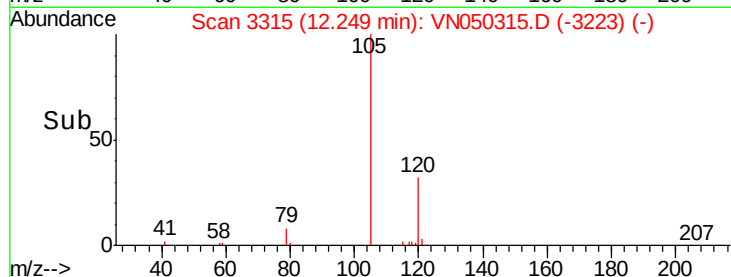
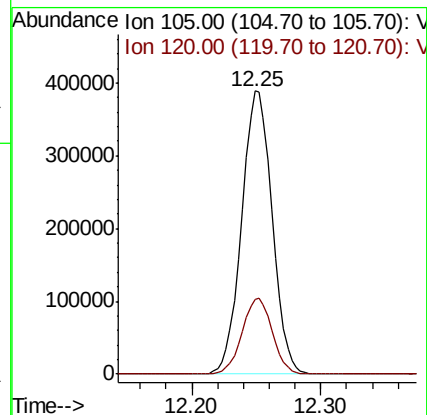
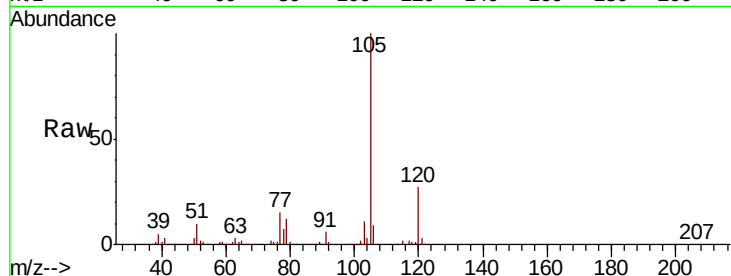
VN0803WBSD02

Tot Ion:105 Resp: 638195

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8



#74

N-ethyl acetate

Concen: 23.82 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN050315.D

Acq: 3 Aug 2018 16:12

Tgt Ion: 43 Resp: 232554

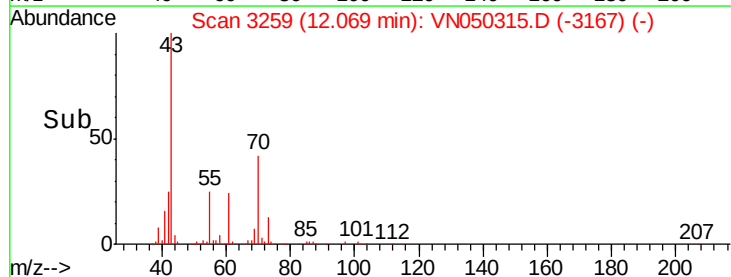
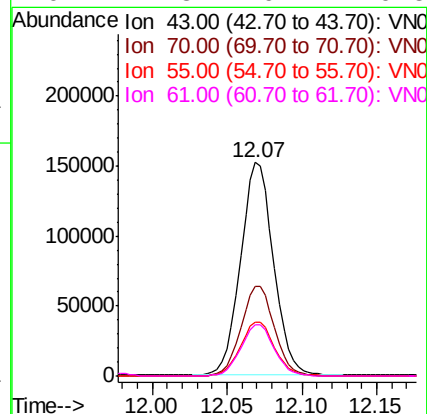
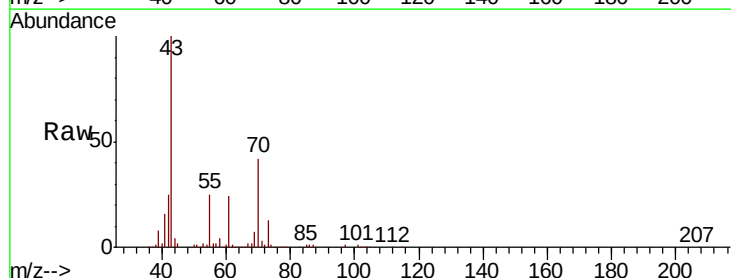
Ion Ratio Lower Upper

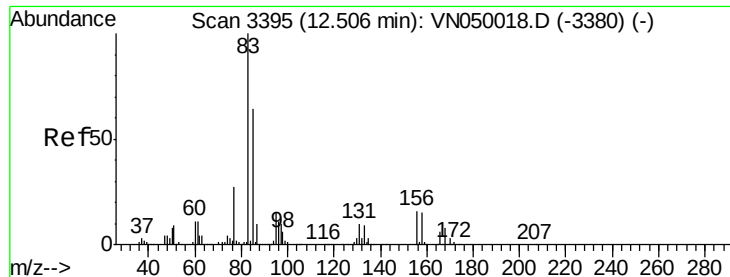
43 100

70 42.7 34.4 51.6

55 26.5 20.8 31.2

61 24.3 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 24.47 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN050315.D

Acq: 3 Aug 2018 16:12

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBSD02

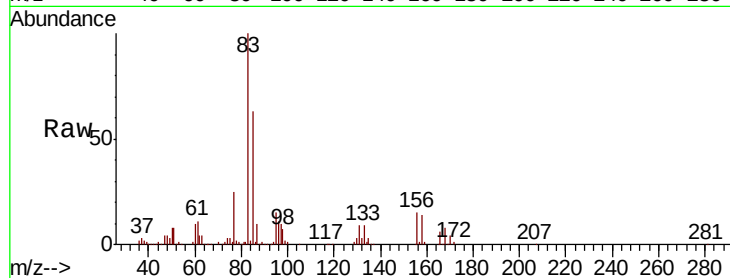
Tot Ion: 83 Resp: 216526

Ion Ratio Lower Upper

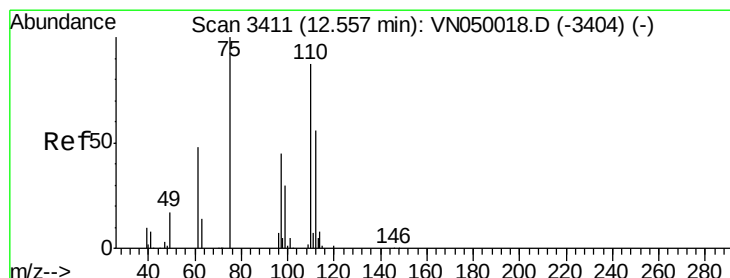
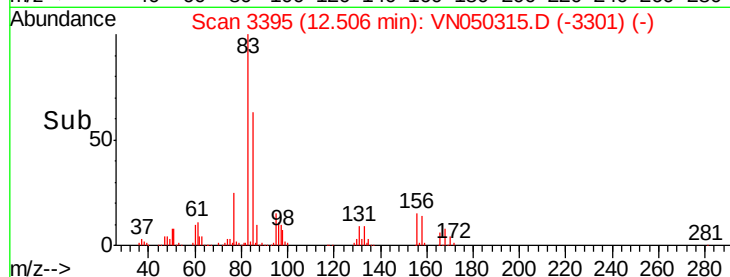
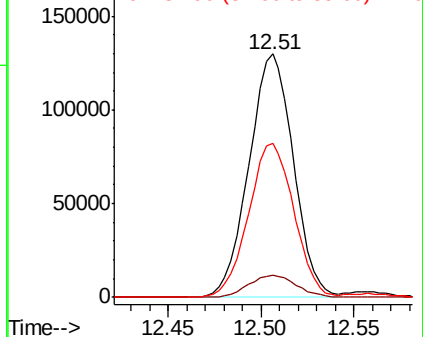
83 100

131 9.9 5.1 15.3

85 64.3 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 33.01 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN050315.D

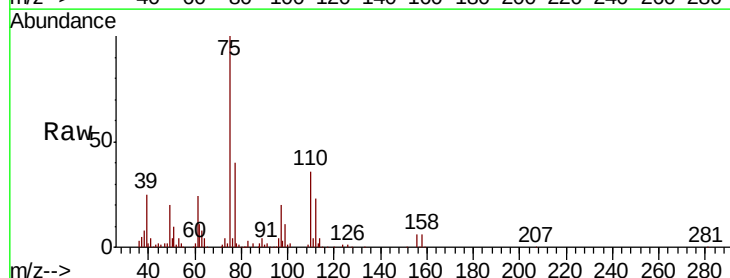
Acq: 3 Aug 2018 16:12

Tgt Ion: 75 Resp: 252714

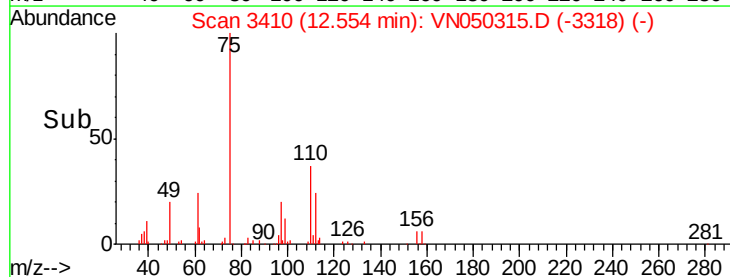
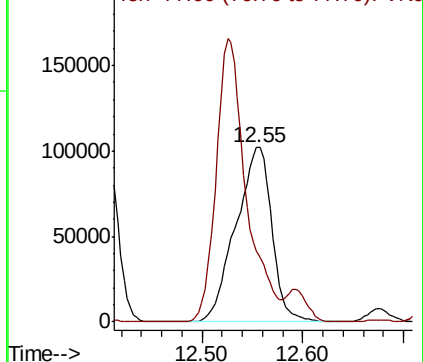
Ion Ratio Lower Upper

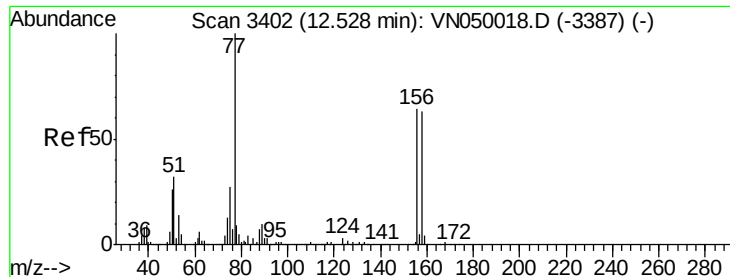
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.10 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN050315.D

Acq: 3 Aug 2018 16:12

Instrument :

MSVOA_N

ClientSampled :

VN0803WBSD02

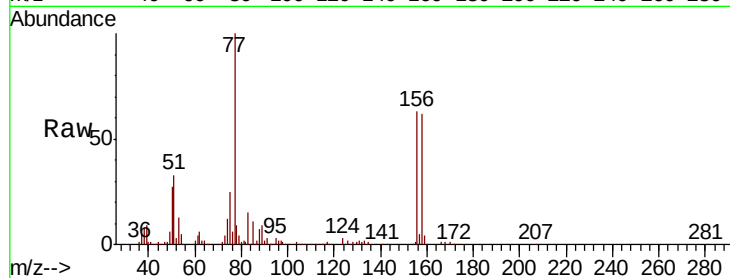
Tot Ion:156 Resp: 178023

Ion Ratio Lower Upper

156 100

77 194.0 91.7 275.1

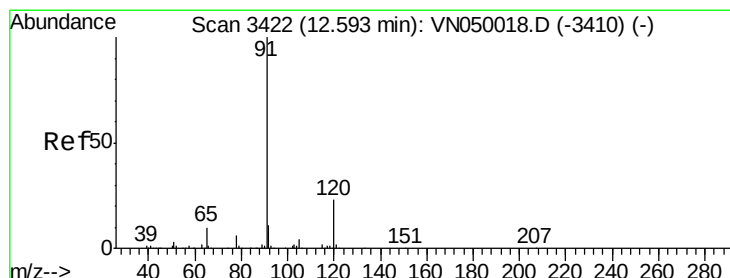
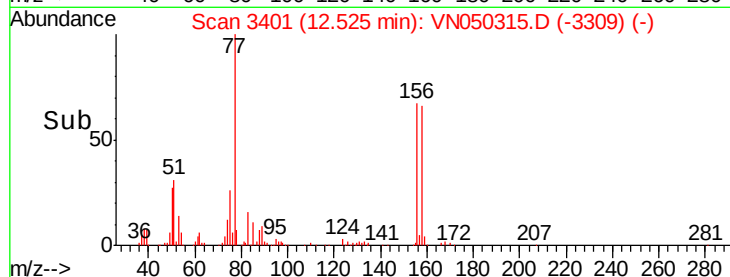
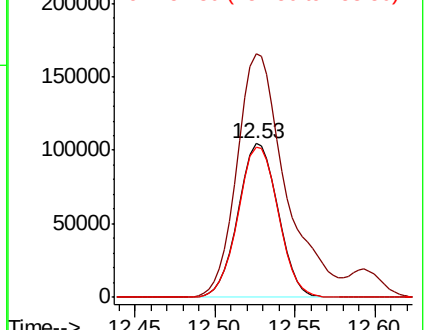
158 98.5 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.60 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050315.D

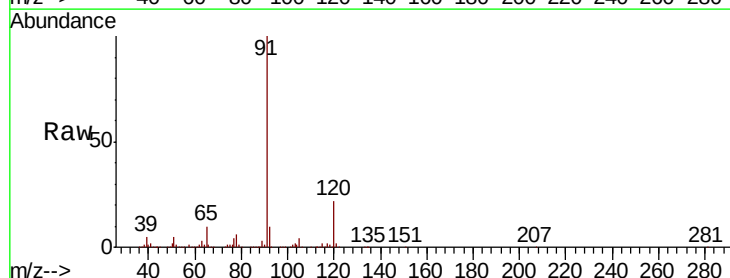
Acq: 3 Aug 2018 16:12

Tgt Ion: 91 Resp: 735738

Ion Ratio Lower Upper

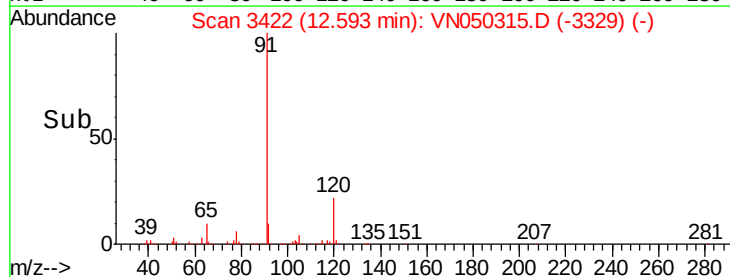
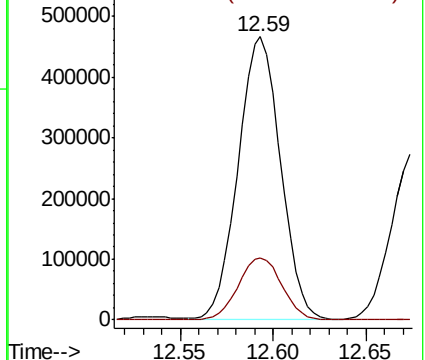
91 100

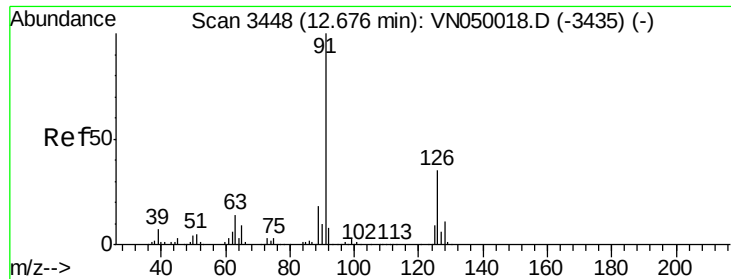
120 22.7 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.59 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN050315.D

Acq: 3 Aug 2018 16:12

Instrument :

MSVOA_N

ClientSampleId :

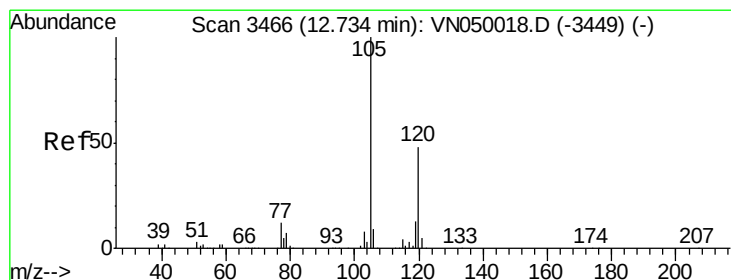
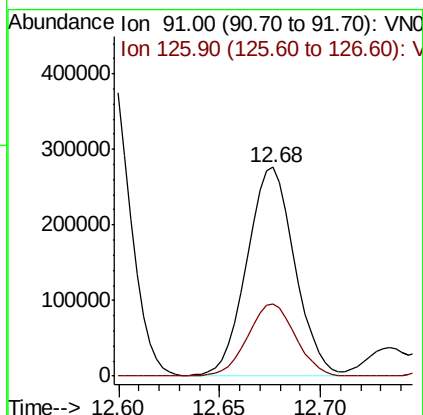
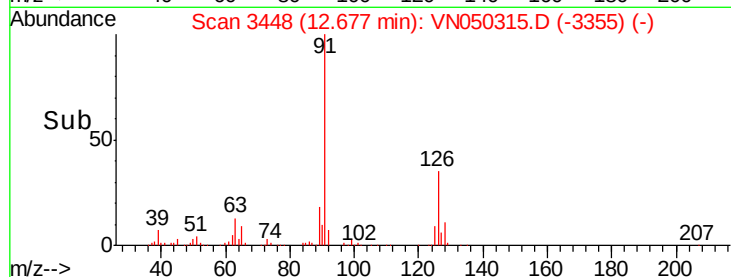
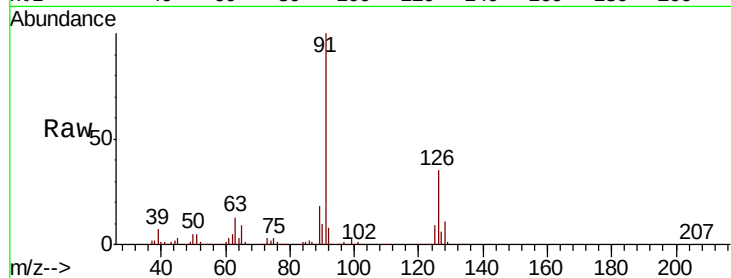
VN0803WBSD02

Tot Ion: 91 Resp: 455705

Ion Ratio Lower Upper

91 100

126 34.8 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 21.39 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050315.D

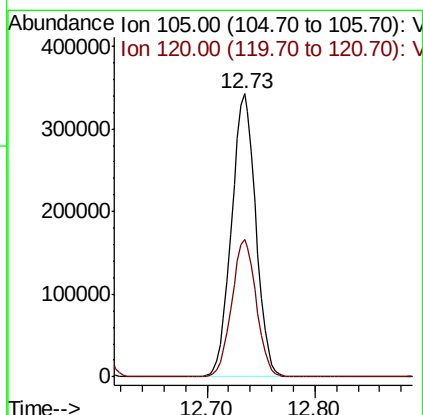
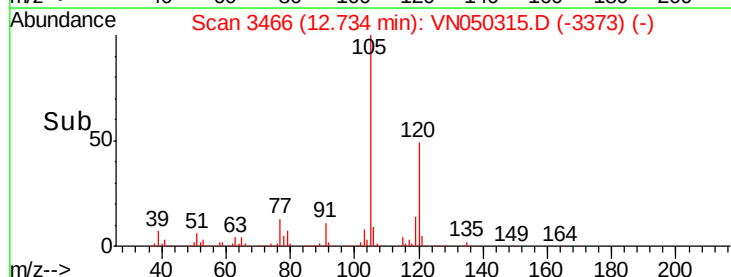
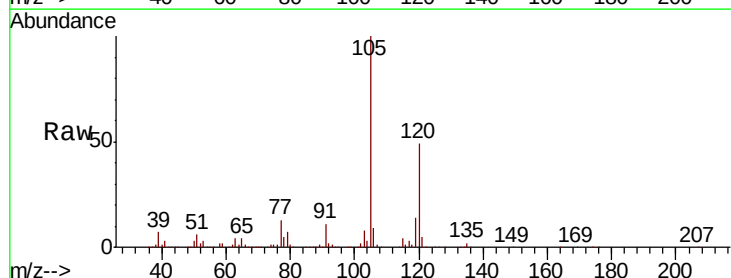
Acq: 3 Aug 2018 16:12

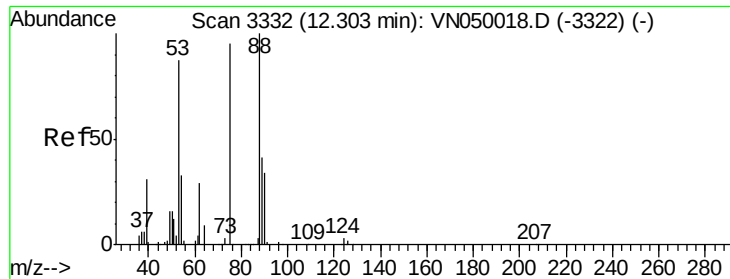
Tgt Ion: 105 Resp: 537578

Ion Ratio Lower Upper

105 100

120 49.2 24.4 73.2

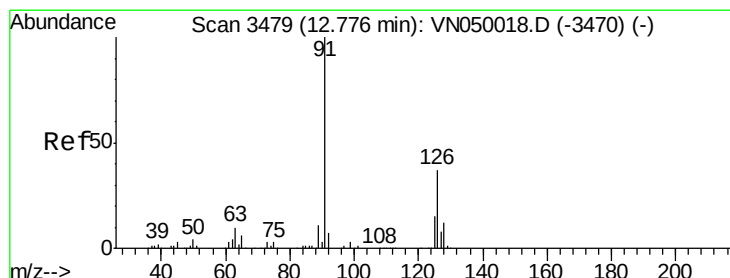
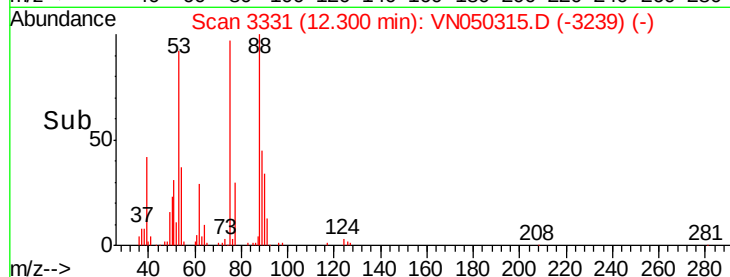
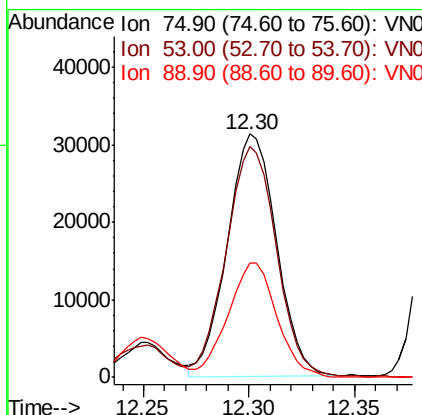
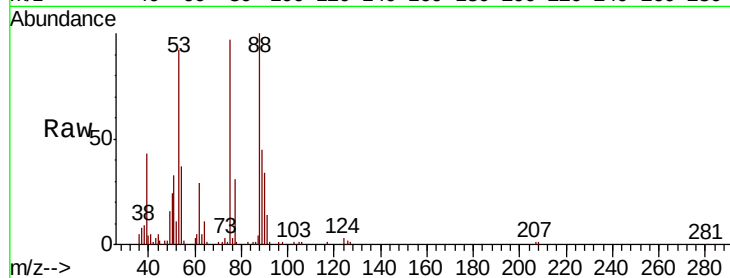




#81
trans-1,4-Dichloro-2-butene
Concen: 20.93 ug/l
RT: 12.30 min Scan# 3331
Delta R.T. -0.00 min
Lab File: VN050315.D
Acq: 3 Aug 2018 16:12

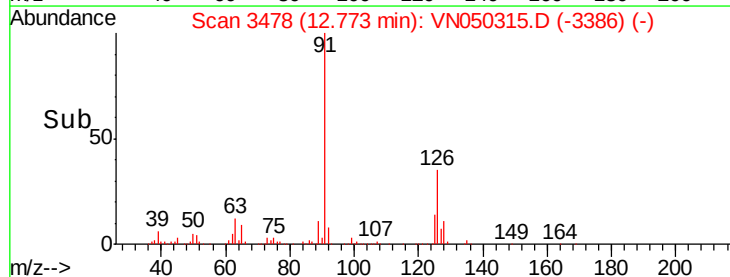
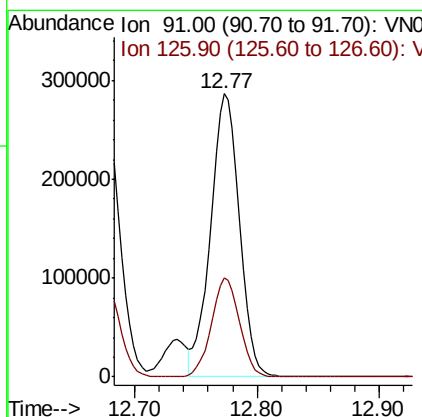
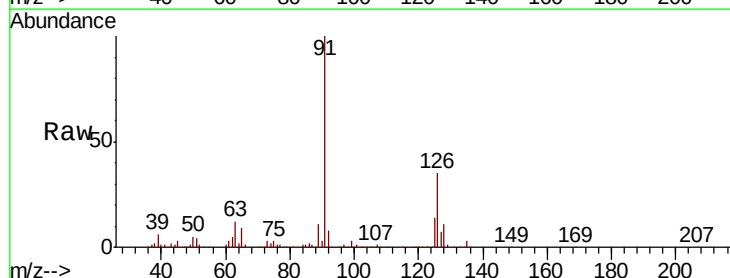
Instrument :
MSVOA_N
ClientSampleId :
VN0803WBSD02

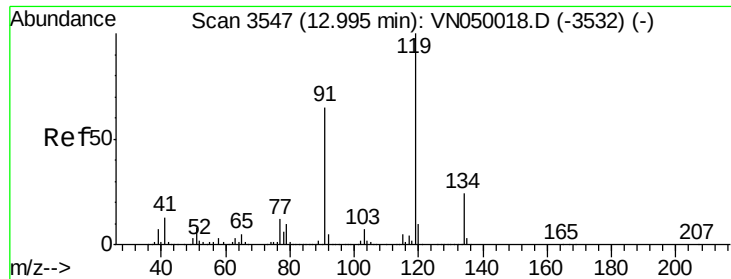
Tot Ion: 75 Resp: 50529
Ion Ratio Lower Upper
75 100
53 97.9 73.5 110.3
89 46.8 36.0 54.0



#82
4-Chlorotoluene
Concen: 21.63 ug/l
RT: 12.77 min Scan# 3478
Delta R.T. -0.00 min
Lab File: VN050315.D
Acq: 3 Aug 2018 16:12

Tgt Ion: 91 Resp: 474132
Ion Ratio Lower Upper
91 100
126 34.1 17.0 51.0

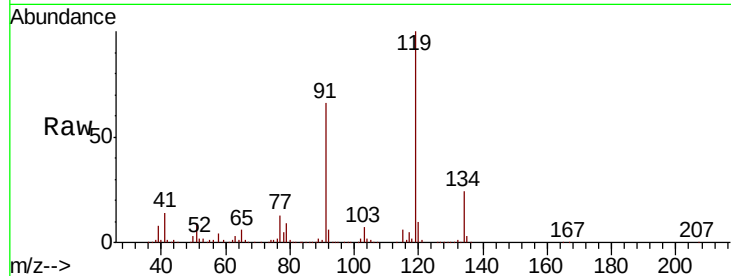




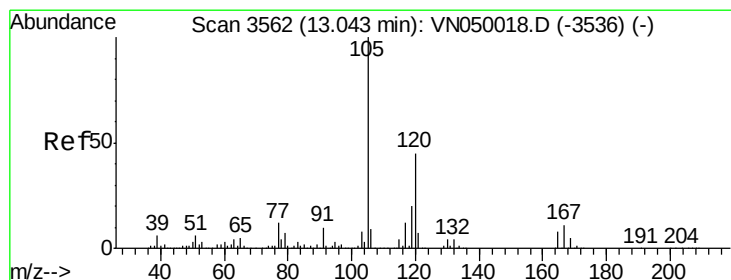
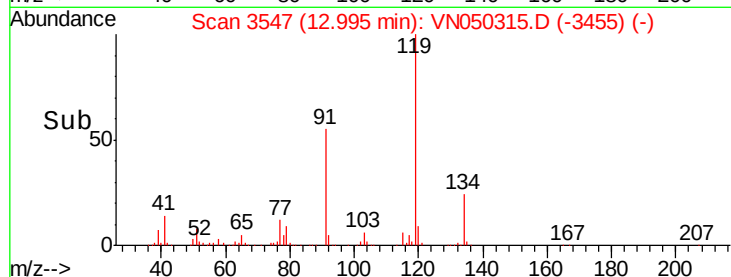
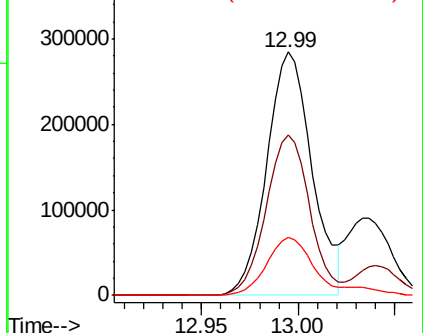
#83
 tert-Butylbenzene
 Concen: 21.11 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN050315.D
 Acq: 3 Aug 2018 16:12

Instrument :
 MSVOA_N
 ClientSampled :
 VN0803WBSD02

Tot Ion:119 Resp: 462945
 Ion Ratio Lower Upper
 119 100
 91 63.8 32.1 96.3
 134 24.2 13.2 39.5

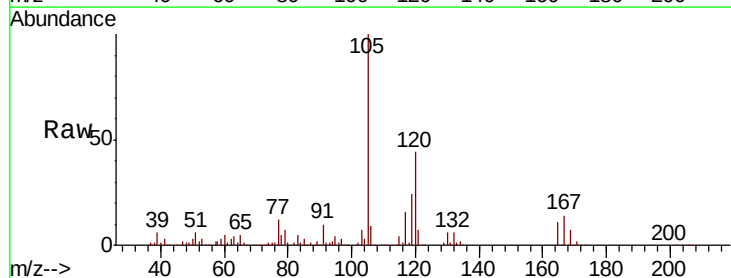


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VN
 Ion 134.00 (133.70 to 134.70): V

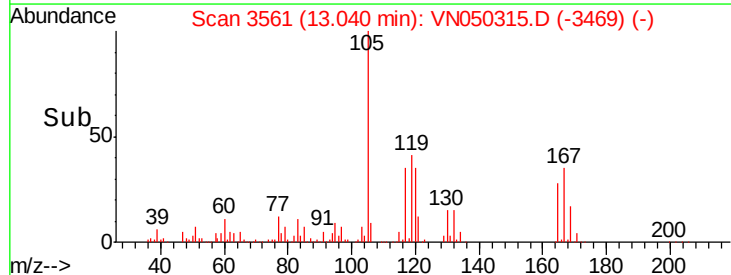
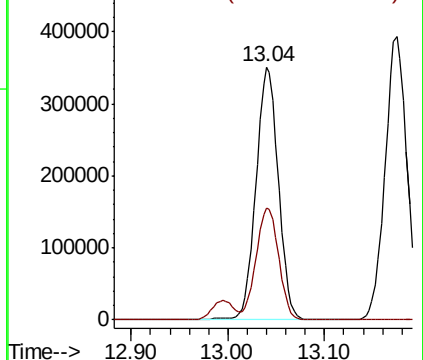


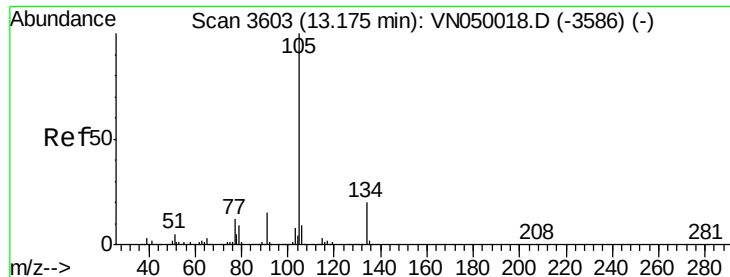
#84
 1,2,4-Trimethylbenzene
 Concen: 22.23 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. -0.00 min
 Lab File: VN050315.D
 Acq: 3 Aug 2018 16:12

Tgt Ion:105 Resp: 563076
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.94 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN050315.D

Acq: 3 Aug 2018 16:12

Instrument :

MSVOA_N

ClientSampleId :

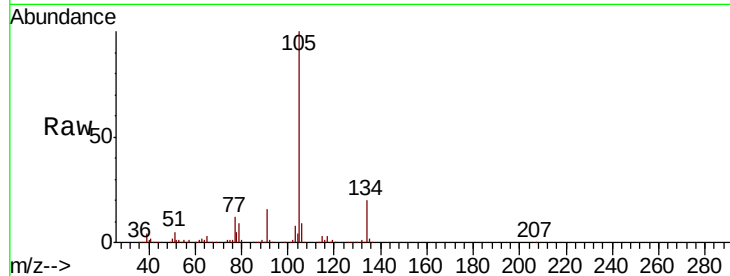
VN0803WBSD02

Tot Ion:105 Resp: 613623

Ion Ratio Lower Upper

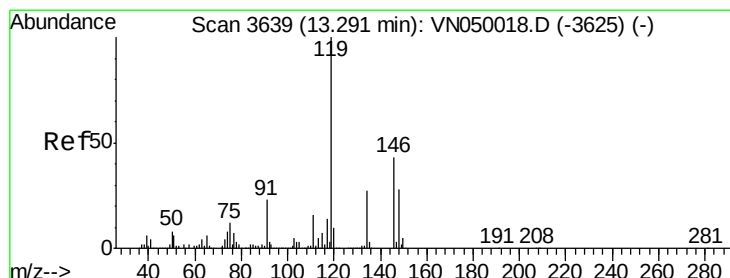
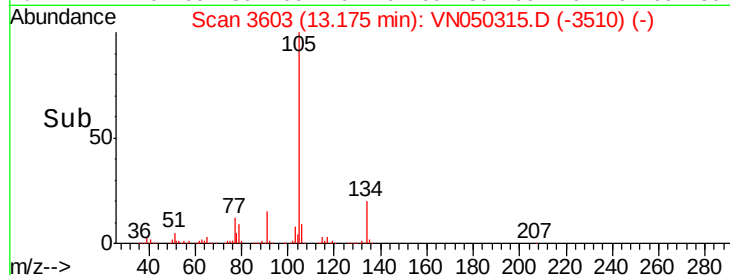
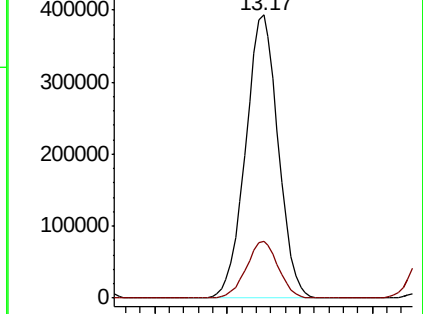
105 100

134 19.9 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.25 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN050315.D

Acq: 3 Aug 2018 16:12

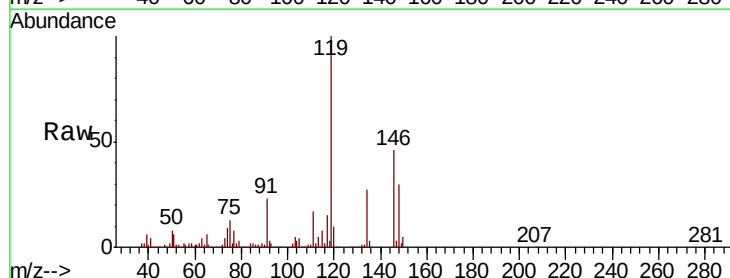
Tgt Ion:119 Resp: 524737

Ion Ratio Lower Upper

119 100

134 27.3 13.3 39.8

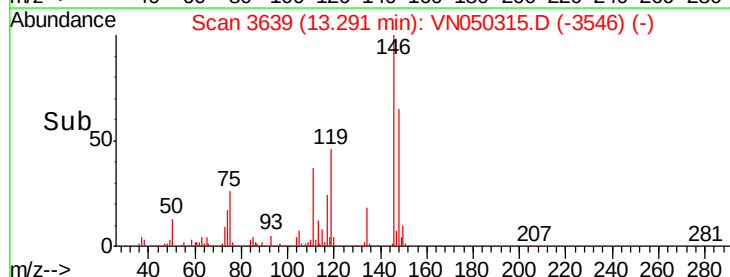
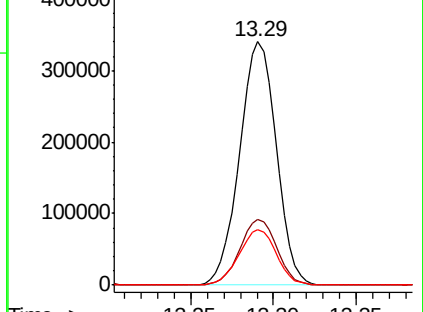
91 23.1 11.4 34.2

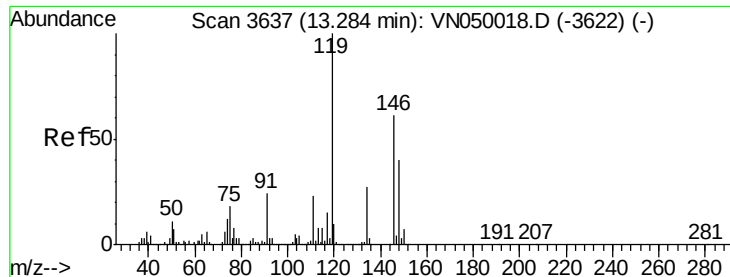


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

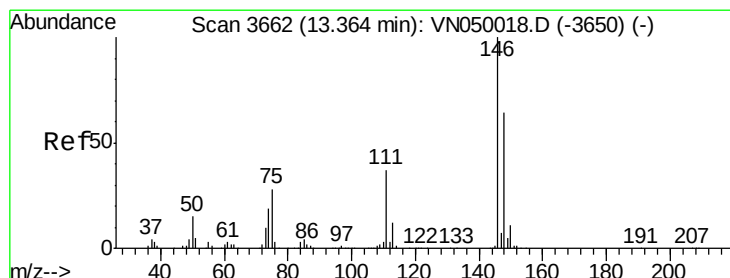
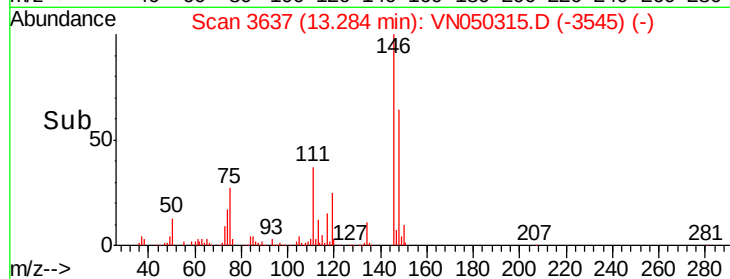
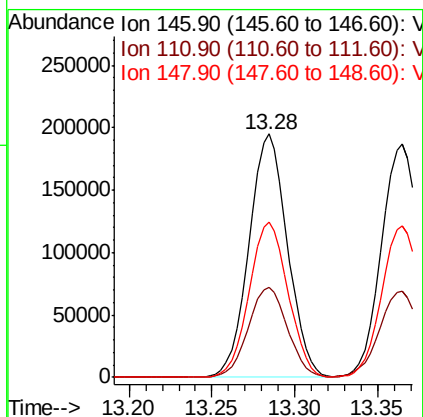
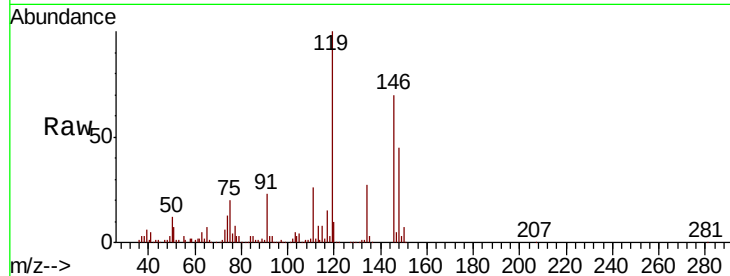




#87
 1,3-Dichlorobenzene
 Concen: 20.90 ug/l
 RT: 13.28 min Scan# 3637
 Delta R.T. -0.00 min
 Lab File: VN050315.D
 Acq: 3 Aug 2018 16:12

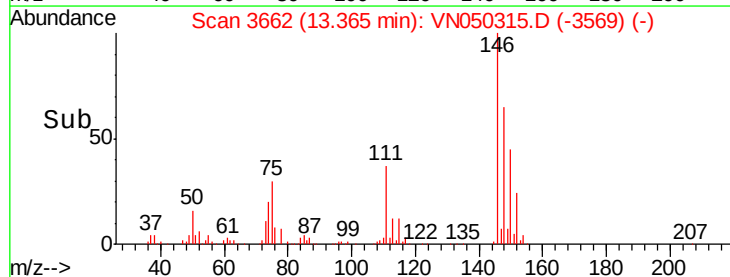
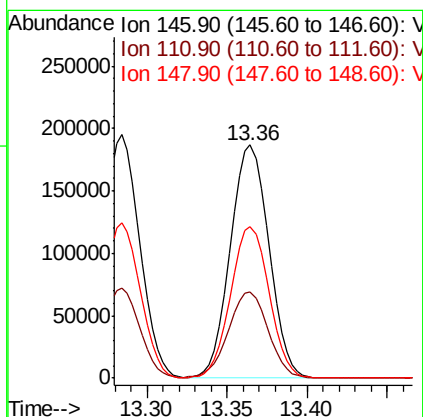
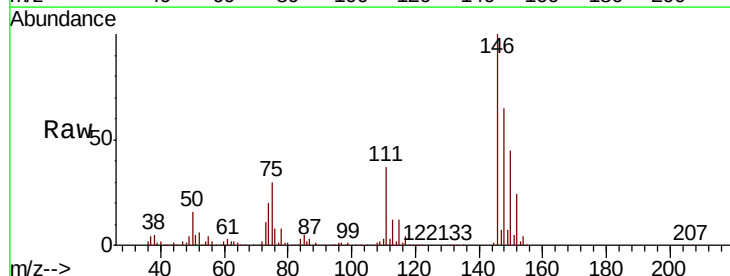
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBSD02

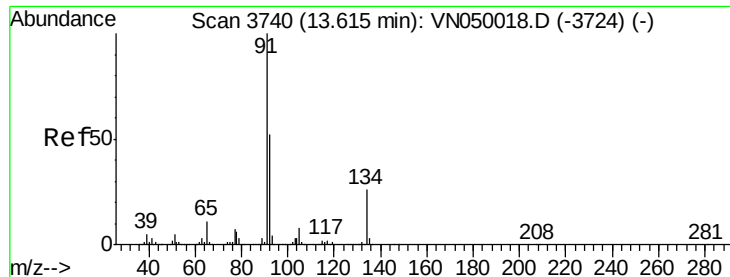
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.8	56.4
148	64.5	31.9	95.9



#88
 1,4-Dichlorobenzene
 Concen: 20.96 ug/l
 RT: 13.36 min Scan# 3662
 Delta R.T. 0.00 min
 Lab File: VN050315.D
 Acq: 3 Aug 2018 16:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.3	54.9
148	64.8	31.9	95.9

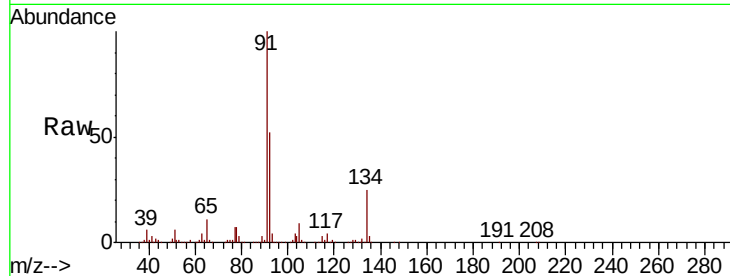




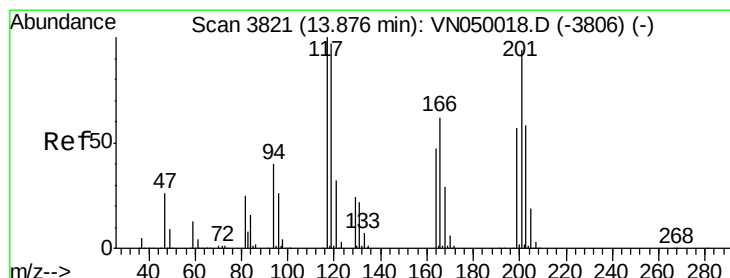
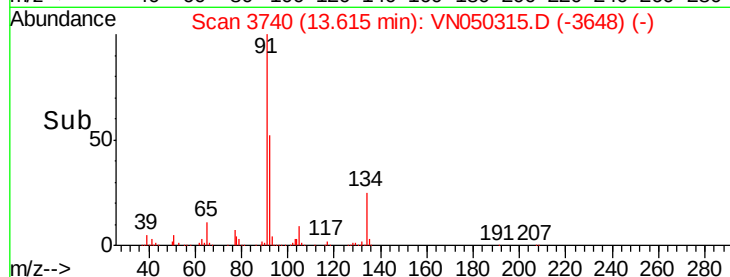
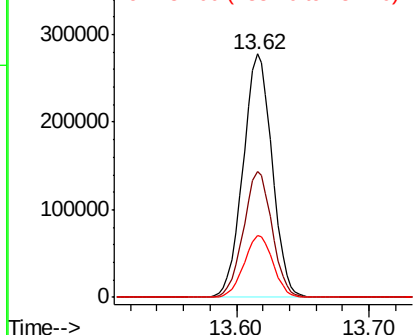
#89
n-Butylbenzene
Concen: 20.78 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. -0.00 min
Lab File: VN050315.D
Acq: 3 Aug 2018 16:12

Instrument :
MSVOA_N
ClientSampled :
VN0803WBSD02

Tot Ion: 91 Resp: 421828
Ion Ratio Lower Upper
91 100
92 50.9 25.8 77.4
134 25.3 12.8 38.4

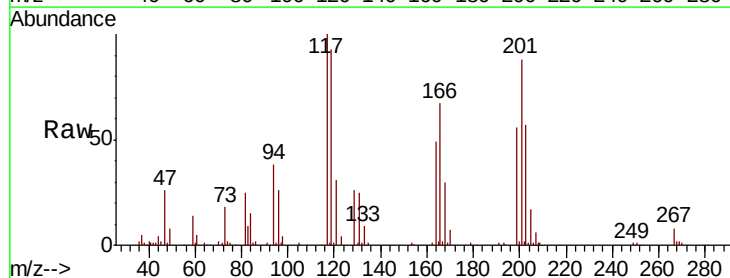


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): VN0

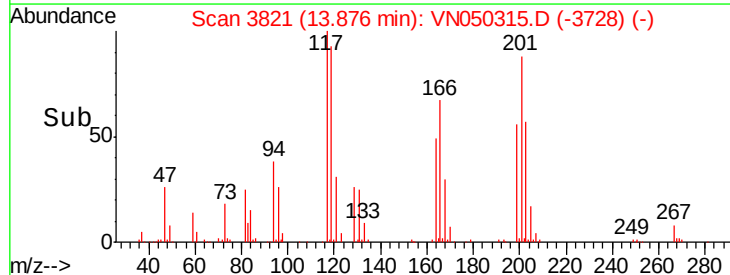
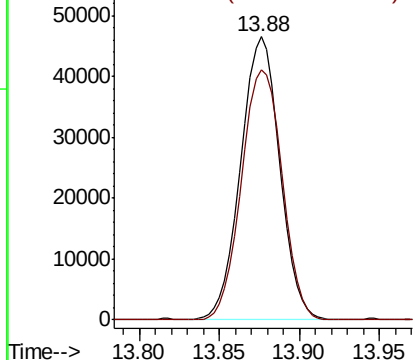


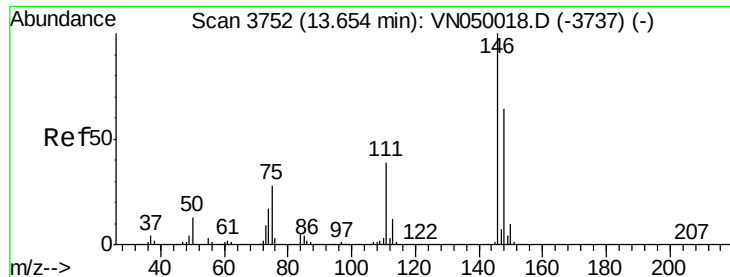
#90
Hexachloroethane
Concen: 14.15 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN050315.D
Acq: 3 Aug 2018 16:12

Tgt Ion: 117 Resp: 77579
Ion Ratio Lower Upper
117 100
201 91.9 45.6 136.8



Abundance Ion 116.80 (116.50 to 117.50): VN0
Ion 200.70 (200.40 to 201.40): VN0

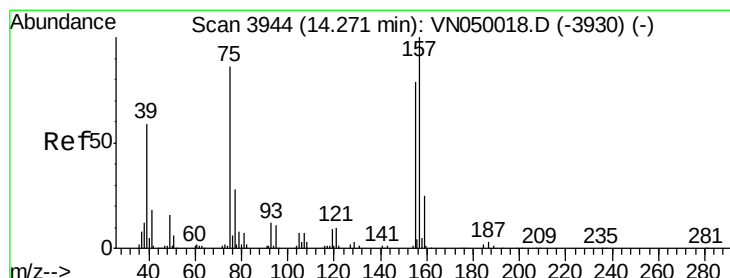
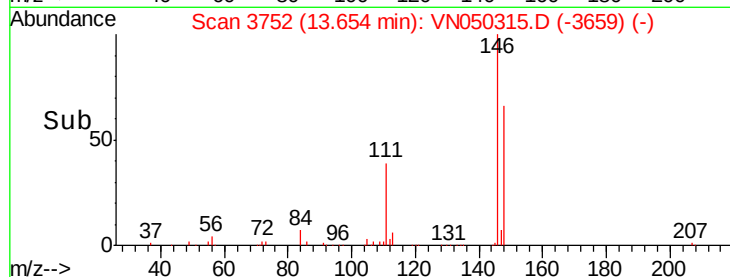
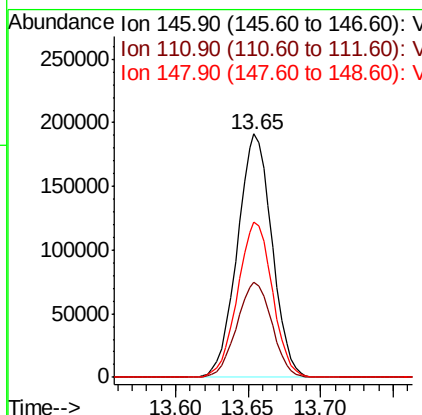
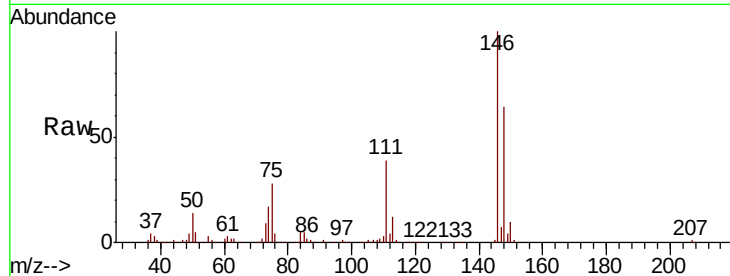




#91
 1,2-Dichlorobenzene
 Concen: 21.11 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. 0.00 min
 Lab File: VN050315.D
 Acq: 3 Aug 2018 16:12

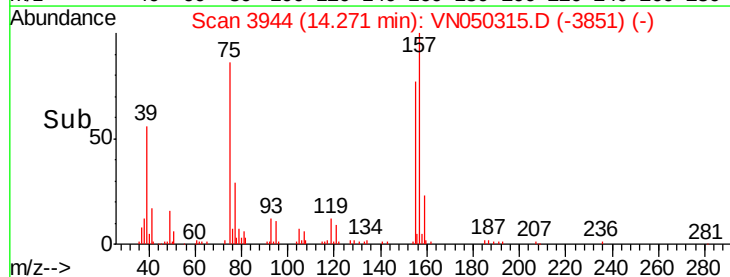
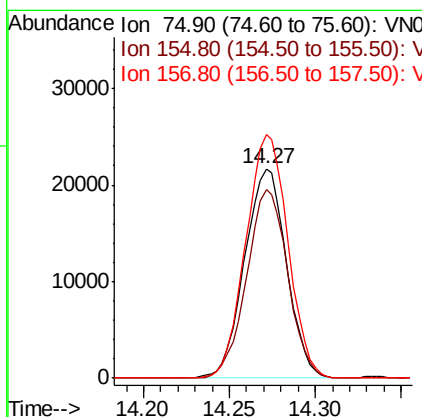
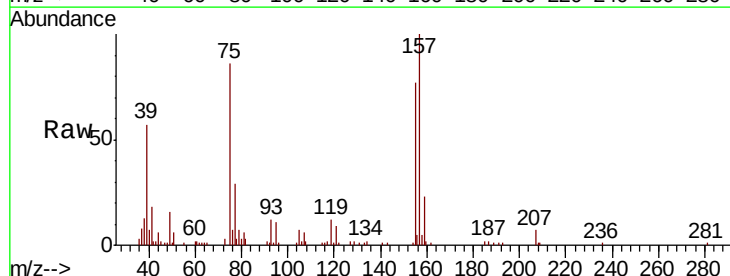
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0803WBSD02

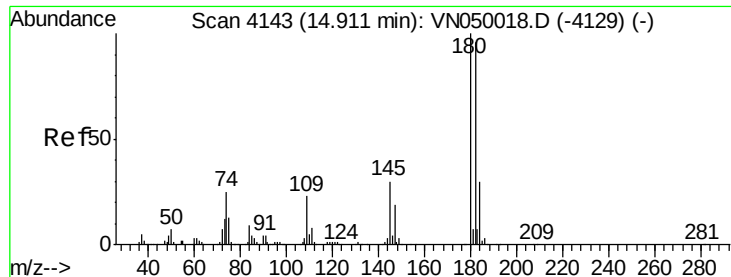
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.6	58.7
148	64.1	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 25.20 ug/l
 RT: 14.27 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VN050315.D
 Acq: 3 Aug 2018 16:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.4	44.8	134.4
157	117.0	57.2	171.6

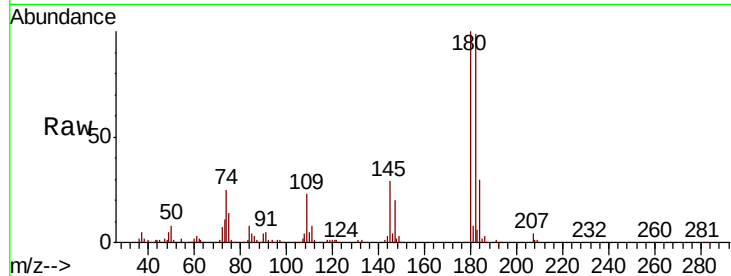




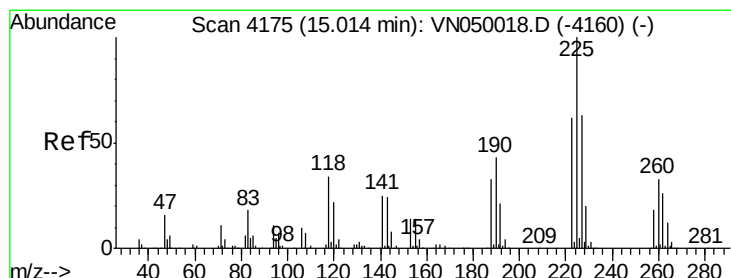
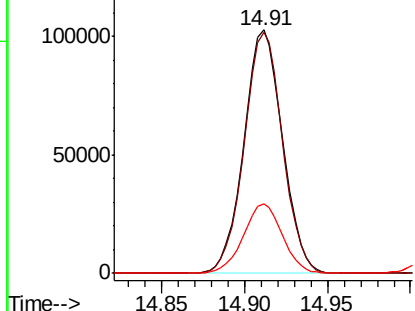
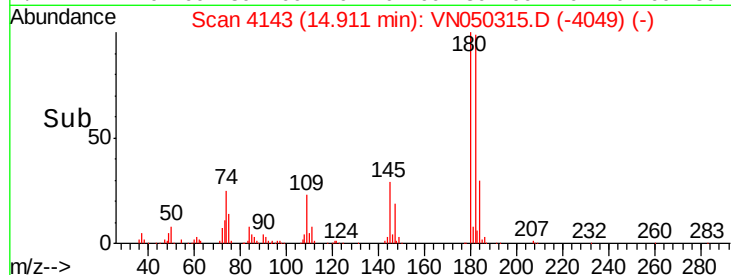
#93
 1,2,4-Trichlorobenzene
 Concen: 22.63 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050315.D
 Acq: 3 Aug 2018 16:12

Instrument :
 MSVOA_N
 ClientSampled :
 VN0803WBSD02

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.3	46.7	140.1
145	29.0	13.8	41.4

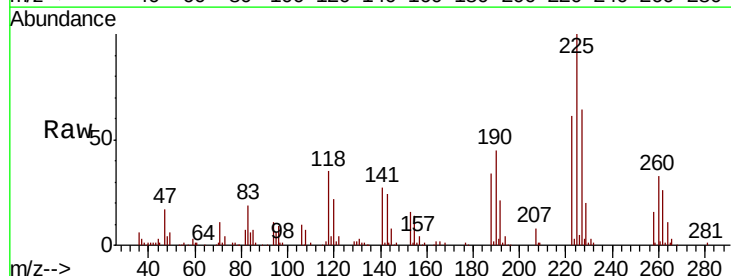


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

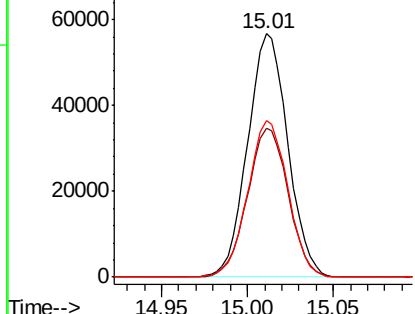
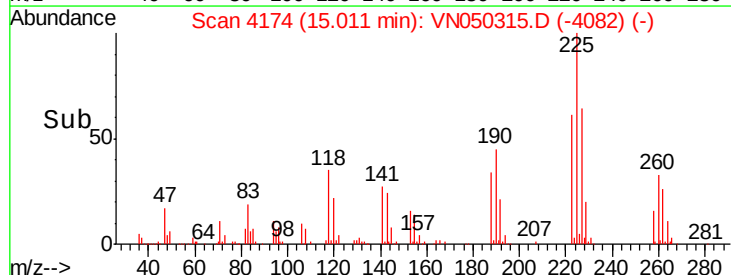


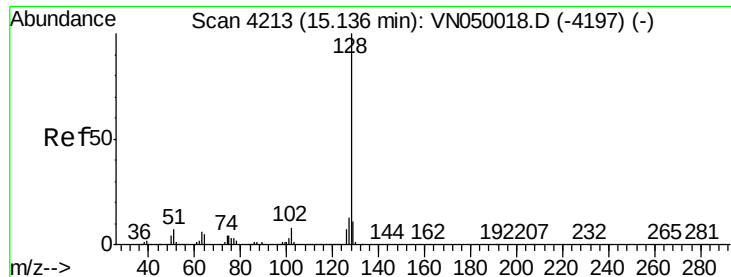
#94
 Hexachlorobutadiene
 Concen: 19.98 ug/l
 RT: 15.01 min Scan# 4174
 Delta R.T. -0.00 min
 Lab File: VN050315.D
 Acq: 3 Aug 2018 16:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.4	94.2
227	64.2	32.1	96.5



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





#95

Naphthalene

Concen: 24.93 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050315.D

Acq: 3 Aug 2018 16:12

Instrument :

MSVOA_N

ClientSampleId :

VN0803WBSD02

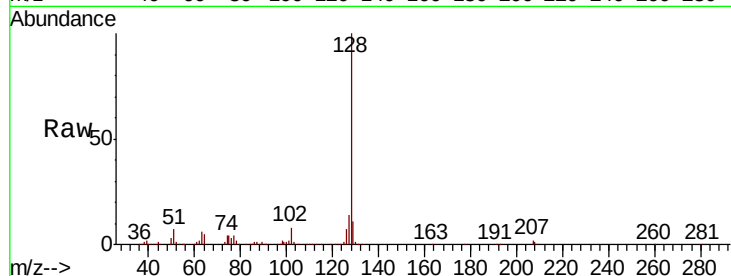
Tot Ion:128 Resp: 423328

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

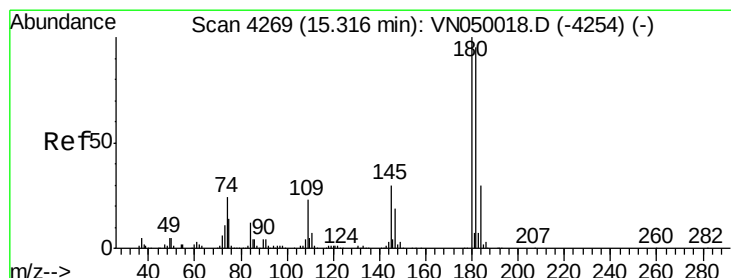
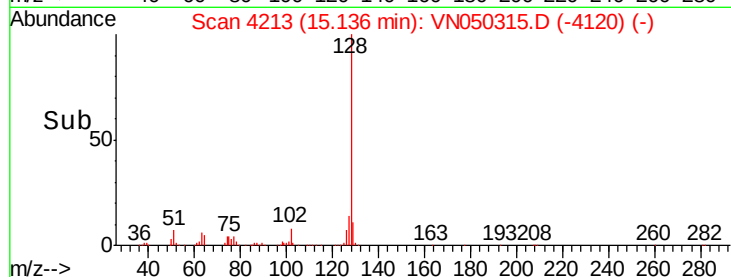
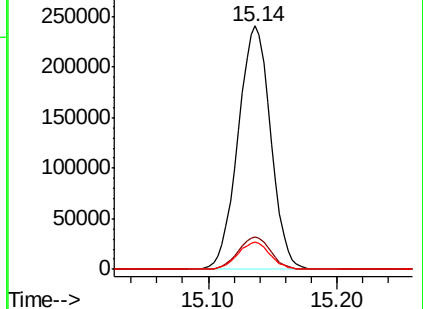
129 11.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 23.49 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. -0.00 min

Lab File: VN050315.D

Acq: 3 Aug 2018 16:12

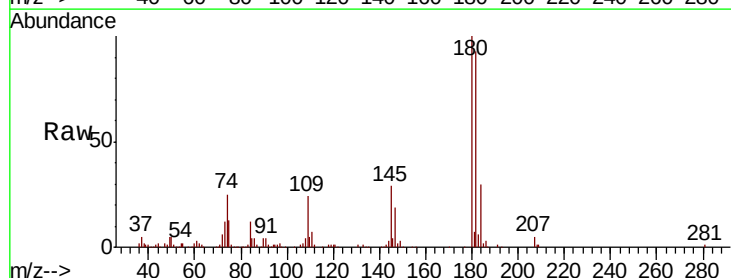
Tgt Ion:180 Resp: 172560

Ion Ratio Lower Upper

180 100

182 92.8 48.1 144.4

145 30.6 15.3 45.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

