

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011519\
 Data File : VN053404.D
 Acq On : 15 Jan 2019 13:33
 Operator : JC/SP
 Sample : VN0115WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBS01

Quant Time: Jan 16 03:38:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 15 11:52:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	918022	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1396522	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1257510	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	592049	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	474003	52.24	ug/l	0.00
Spiked Amount			Recovery	=	104.48%	
35) Dibromofluoromethane	7.59	113	409678	51.40	ug/l	0.00
Spiked Amount			Recovery	=	102.80%	
50) Toluene-d8	10.09	98	1731408	51.37	ug/l	0.00
Spiked Amount			Recovery	=	102.74%	
62) 4-Bromofluorobenzene	12.40	95	595546	50.39	ug/l	0.00
Spiked Amount			Recovery	=	100.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	151456	20.520	ug/l	100
3) Chloromethane	2.06	50	217872	20.646	ug/l	98
4) Vinyl Chloride	2.19	62	209001	20.546	ug/l	100
5) Bromomethane	2.57	94	142059	20.353	ug/l	98
6) Chloroethane	2.71	64	125790	20.453	ug/l	100
7) Trichlorofluoromethane	3.03	101	269457	20.251	ug/l	99
8) Diethyl Ether	3.42	74	107894	21.590	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.77	101	170121	20.189	ug/l	99
10) Methyl Iodide	3.96	142	262839	20.411	ug/l	99
11) Tert butyl alcohol	4.77	59	56170	126.510	ug/l	99
12) 1,1-Dichloroethene	3.74	96	167497	20.493	ug/l	97
13) Acrolein	3.61	56	90670	117.873	ug/l	100
14) Allyl chloride	4.33	41	283459	21.351	ug/l	95
15) Acrylonitrile	4.99	53	336764	115.252	ug/l	99
16) Acetone	3.81	43	224390	105.403	ug/l	98
17) Carbon Disulfide	4.06	76	498318	20.161	ug/l	99
18) Methyl Acetate	4.33	43	151769	21.160	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	476366	21.935	ug/l	98
20) Methylene Chloride	4.56	84	196403	20.207	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	179915	20.590	ug/l	98
22) Diisopropyl ether	5.95	45	598803	21.606	ug/l	98
23) Vinyl Acetate	5.90	43	1908484	112.021	ug/l	99
24) 1,1-Dichloroethane	5.85	63	342653	20.914	ug/l	99
25) 2-Butanone	6.83	43	378230	115.293	ug/l	99
26) 2,2-Dichloropropane	6.83	77	255866	20.684	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	212062	21.223	ug/l	99
28) Bromochloromethane	7.20	49	152195	21.086	ug/l	99
29) Tetrahydrofuran	7.21	42	245573	114.986	ug/l	100
30) Chloroform	7.37	83	335955	21.046	ug/l	98
31) Cyclohexane	7.66	56	324744	20.234	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	281741	20.806	ug/l	99
36) 1,1-Dichloropropene	7.80	75	261781	20.583	ug/l	99
37) Ethyl Acetate	6.93	43	168262	22.806	ug/l	99
38) Carbon Tetrachloride	7.78	117	245049	20.351	ug/l	99

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 Sample : VN0115WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBS01

Quant Time: Jan 16 03:38:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	315954	20.099	ug/l	99
40) Benzene	8.04	78	801881	20.748	ug/l	99
41) Methacrylonitrile	7.17	41	93401	20.472	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	236504	21.005	ug/l	99
43) Isopropyl Acetate	8.17	43	302619	22.027	ug/l	100
44) Trichloroethene	8.84	130	220931	20.613	ug/l	97
45) 1,2-Dichloropropane	9.12	63	212622	20.770	ug/l	97
46) Dibromomethane	9.21	93	121201	20.607	ug/l	97
47) Bromodichloromethane	9.40	83	253044	20.459	ug/l	98
48) Methyl methacrylate	9.20	41	146768	21.605	ug/l	97
49) 1,4-Dioxane	9.20	88	32100	483.829	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	841189	117.117	ug/l	100
52) Toluene	10.16	92	495810	20.664	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	264899	21.130	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	307863	20.948	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	179826	21.739	ug/l	99
56) Ethyl methacrylate	10.43	69	235216	21.269	ug/l	99
57) 1,3-Dichloropropane	10.71	76	303748	21.226	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	620922	107.293	ug/l	100
59) 2-Hexanone	10.75	43	584466	115.920	ug/l	100
60) Dibromochloromethane	10.90	129	192404	20.507	ug/l	99
61) 1,2-Dibromoethane	11.01	107	179054	21.402	ug/l	100
64) Tetrachloroethene	10.63	164	234698	19.805	ug/l	99
65) Chlorobenzene	11.44	112	551675	20.726	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	191505	20.681	ug/l	100
67) Ethyl Benzene	11.51	91	944507	20.821	ug/l	100
68) m/p-Xylenes	11.62	106	719906	42.034	ug/l	99
69) o-Xylene	11.95	106	349736	21.015	ug/l	100
70) Styrene	11.97	104	579984	21.473	ug/l	99
71) Bromoform	12.13	173	136853	21.468	ug/l #	99
73) Isopropylbenzene	12.25	105	932937	21.518	ug/l	100
74) N-amyl acetate	12.07	43	264421	22.878	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	209676	23.059	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	276362	37.074	ug/l #	100
77) Bromobenzene	12.53	156	244715	21.420	ug/l	99
78) n-propylbenzene	12.59	91	1065980	21.419	ug/l	99
79) 2-Chlorotoluene	12.68	91	629524	21.340	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	751273	21.297	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	62512	21.783	ug/l	100
82) 4-Chlorotoluene	12.77	91	637217	21.182	ug/l	99
83) tert-Butylbenzene	12.99	119	670642	21.525	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	759488	21.353	ug/l	100
85) sec-Butylbenzene	13.17	105	910652	21.312	ug/l	100
86) p-Isopropyltoluene	13.29	119	786380	21.196	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	422079	21.003	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	414166	20.546	ug/l	99
89) n-Butylbenzene	13.62	91	650319	20.563	ug/l	100
90) Hexachloroethane	13.88	117	119078	20.465	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	401860	21.736	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	26960	23.383	ug/l	96

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Instrument :
MSVOA_N
ClientSampleId :
VN0115WBS01

Quant Time: Jan 16 03:38:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 15 11:52:35 2019
Response via : Initial Calibration

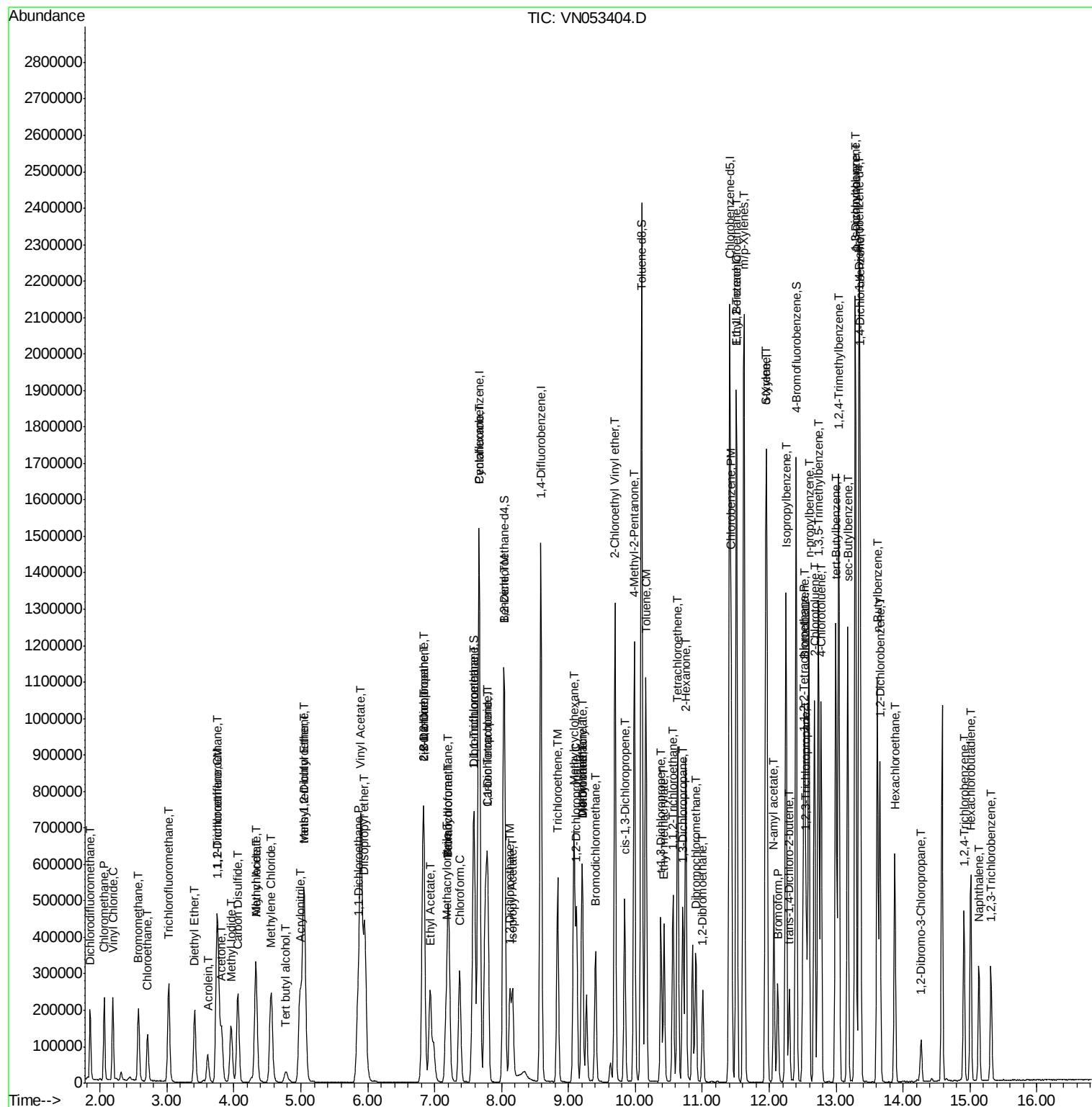
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	161130	21.426	ug/l	99
94) Hexachlorobutadiene	15.01	225	126331	21.904	ug/l	100
95) Naphthalene	15.13	128	277584	21.806	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	120776	22.558	ug/l	98

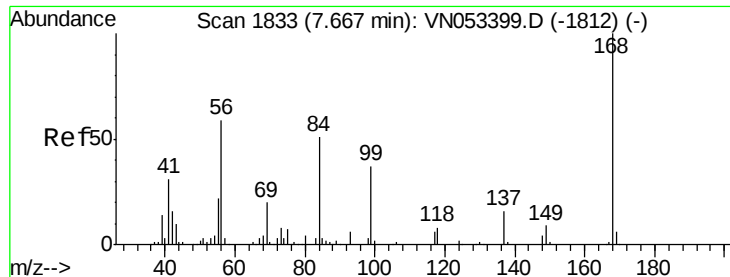
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN011519\
 Data File : VN053404.D
 Acq On : 15 Jan 2019 13:33
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 Sample : VN0115WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
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 ClientSampleId :
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 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053404.D

Acq: 15 Jan 2019 13:33

Instrument :

MSVOA_N

ClientSampleId :

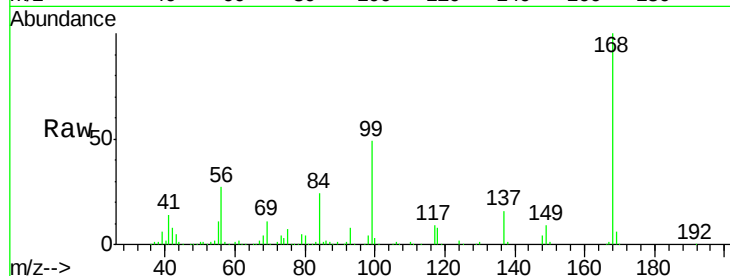
VN0115WBS01

Tot Ion:168 Resp: 918022

Ion Ratio Lower Upper

168 100

99 49.1 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

400000

300000

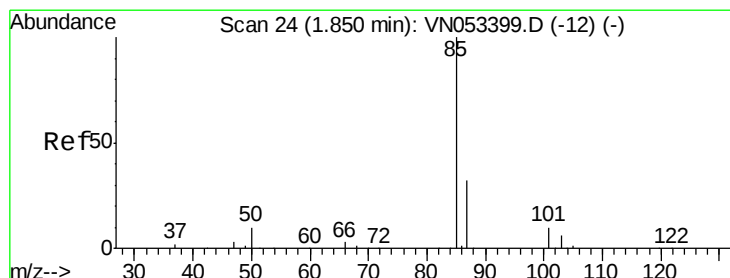
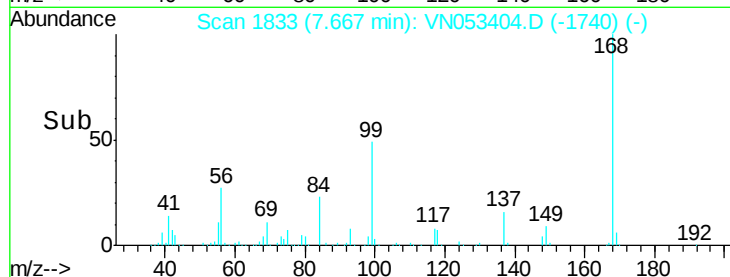
200000

100000

0

7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 20.520 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN053404.D

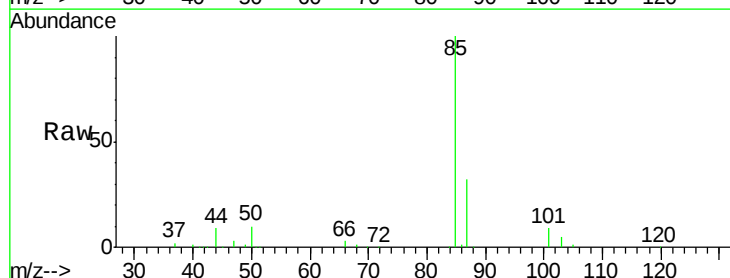
Acq: 15 Jan 2019 13:33

Tgt Ion: 85 Resp: 151456

Ion Ratio Lower Upper

85 100

87 31.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

120000

100000

80000

60000

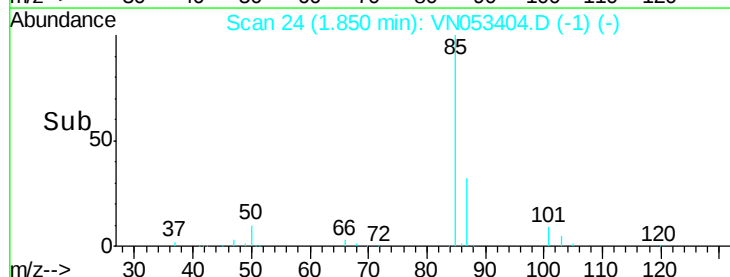
40000

20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 20.646 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN053404.D

Acq: 15 Jan 2019 13:33

Instrument :

MSVOA_N

ClientSampleId :

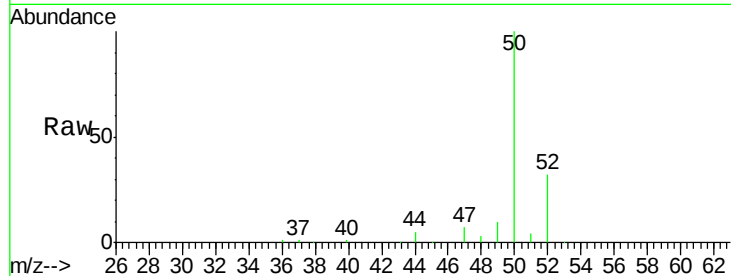
VN0115WBS01

Tot Ion: 50 Resp: 217872

Ion Ratio Lower Upper

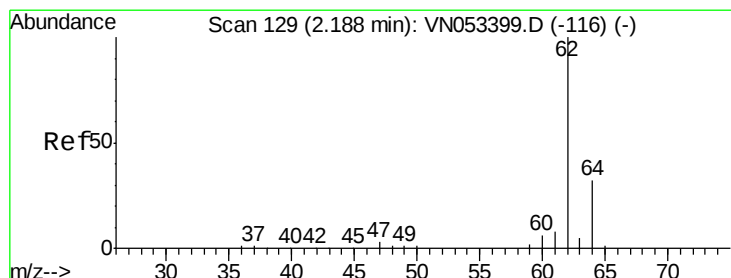
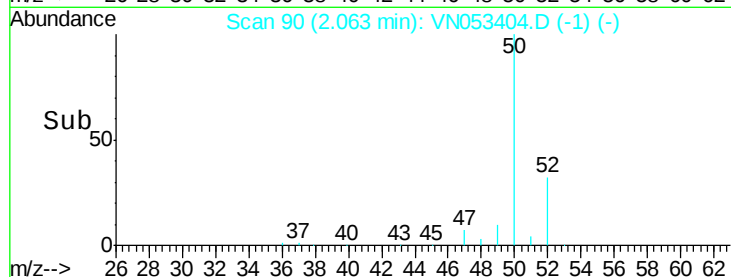
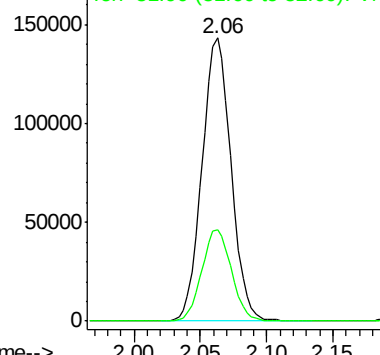
50 100

52 32.2 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 20.546 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN053404.D

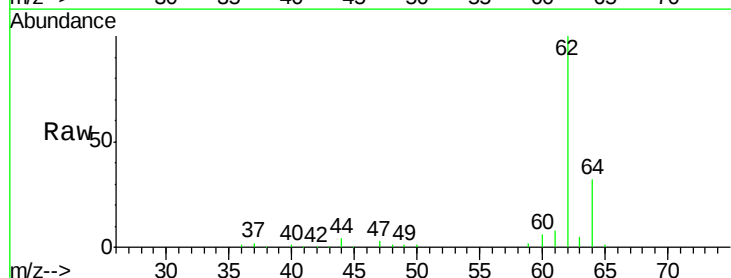
Acq: 15 Jan 2019 13:33

Tgt Ion: 62 Resp: 209001

Ion Ratio Lower Upper

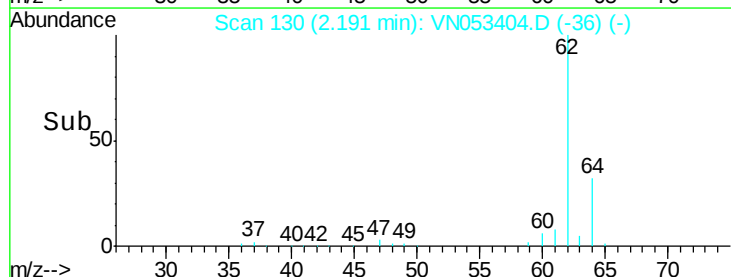
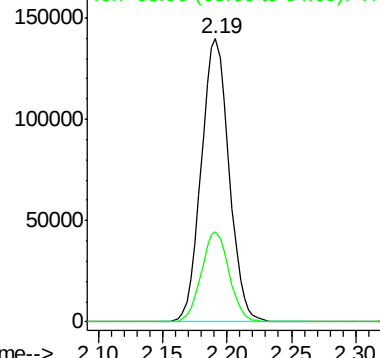
62 100

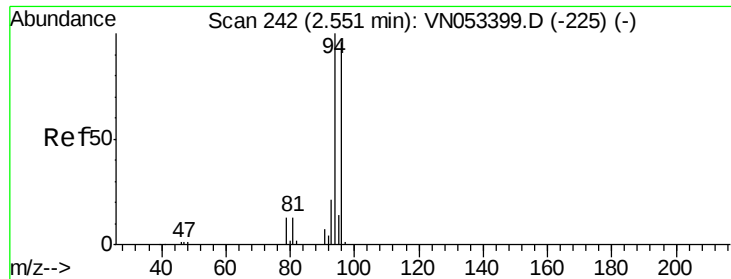
64 31.9 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 20.353 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.02 min

Lab File: VN053404.D

Acq: 15 Jan 2019 13:33

Instrument :

MSVOA_N

ClientSampleId :

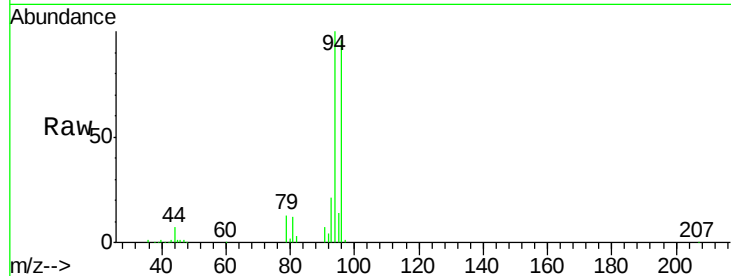
VN0115WBS01

Tot Ion: 94 Resp: 142059

Ion Ratio Lower Upper

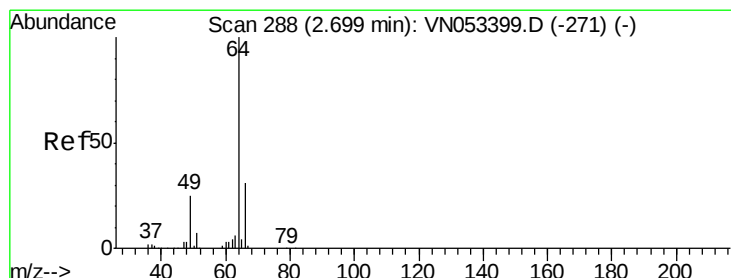
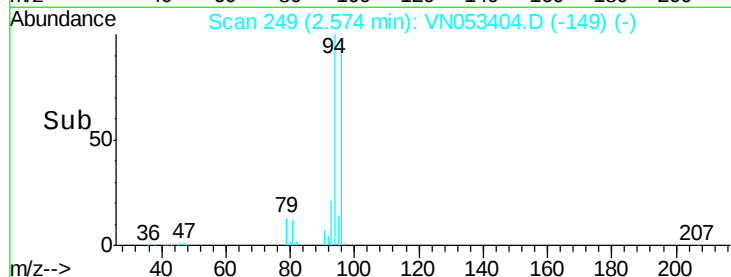
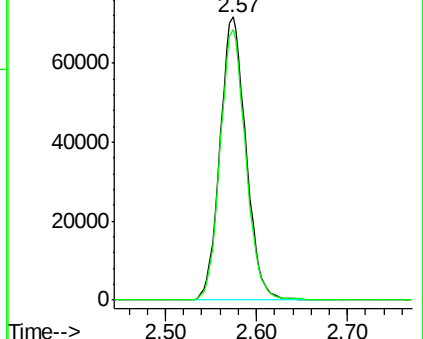
94 100

96 95.6 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.453 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.01 min

Lab File: VN053404.D

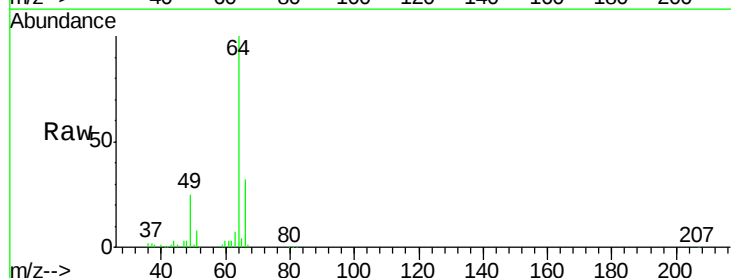
Acq: 15 Jan 2019 13:33

Tgt Ion: 64 Resp: 125790

Ion Ratio Lower Upper

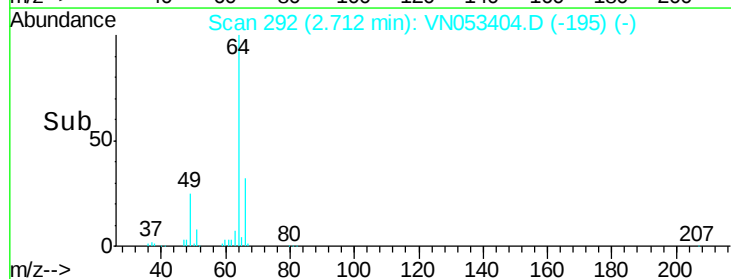
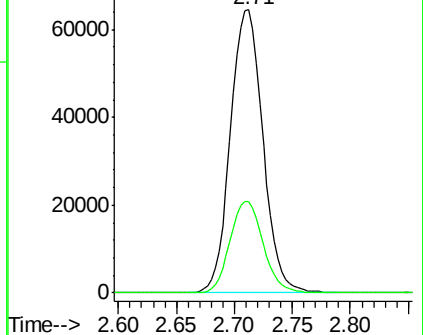
64 100

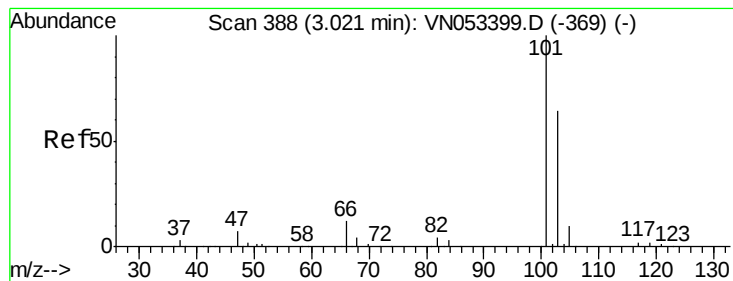
66 32.1 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

Trichlorofluoromethane

Concen: 20.251 ug/l

RT: 3.03 min Scan# 390

Delta R.T. 0.01 min

Lab File: VN053404.D

Acq: 15 Jan 2019 13:33

Instrument :

MSVOA_N

ClientSampled :

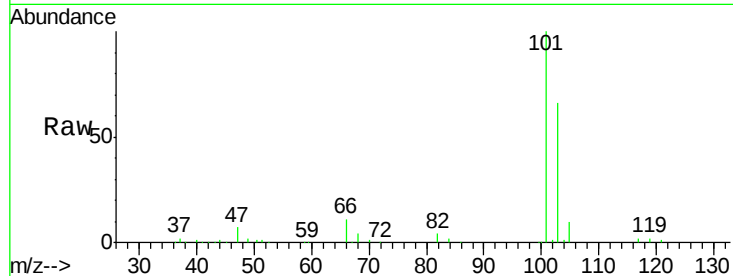
VN0115WBS01

Tot Ion:101 Resp: 269457

Ion Ratio Lower Upper

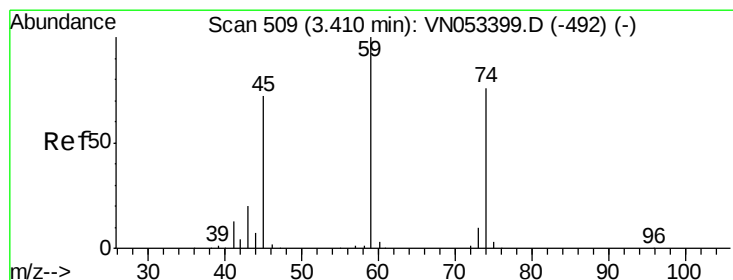
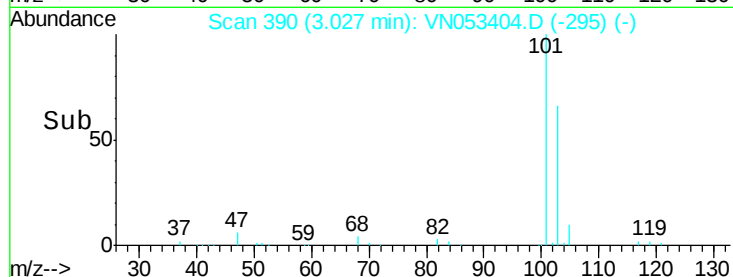
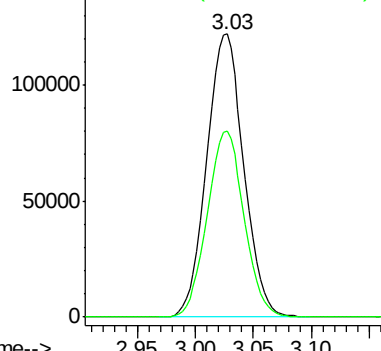
101 100

103 65.6 52.1 78.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 21.590 ug/l

RT: 3.42 min Scan# 511

Delta R.T. 0.01 min

Lab File: VN053404.D

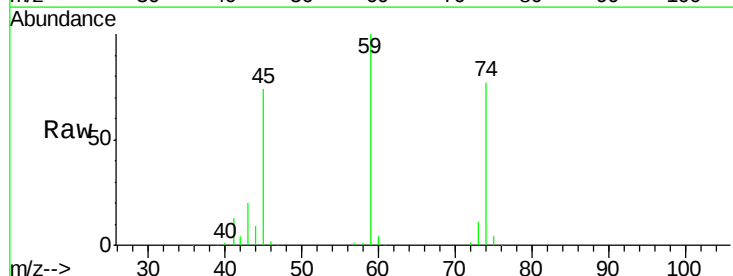
Acq: 15 Jan 2019 13:33

Tgt Ion: 74 Resp: 107894

Ion Ratio Lower Upper

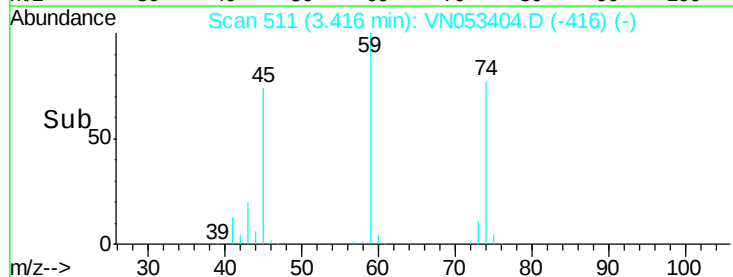
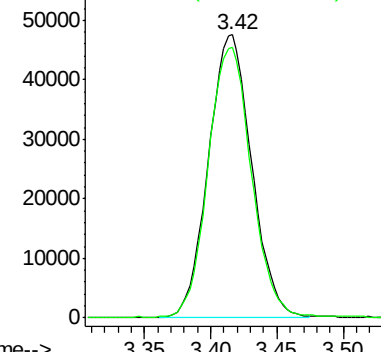
74 100

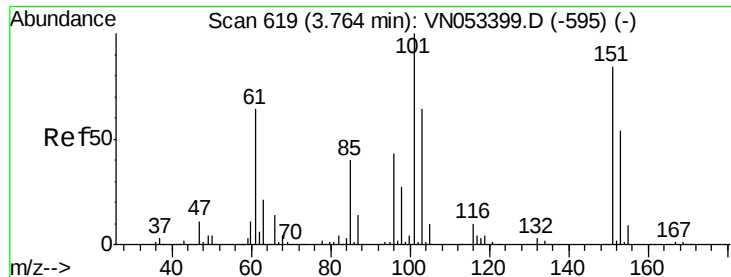
45 95.9 48.3 144.9



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.189 ug/l

RT: 3.77 min Scan# 621

Delta R.T. 0.01 min

Lab File: VN053404.D

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ClientSampled :

VN0115WBS01

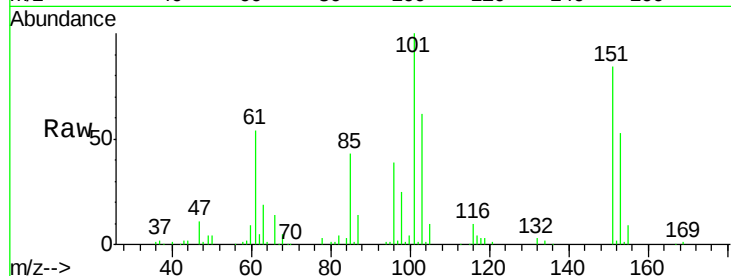
Tot Ion:101 Resp: 170121

Ion Ratio Lower Upper

101 100

85 42.4 33.3 49.9

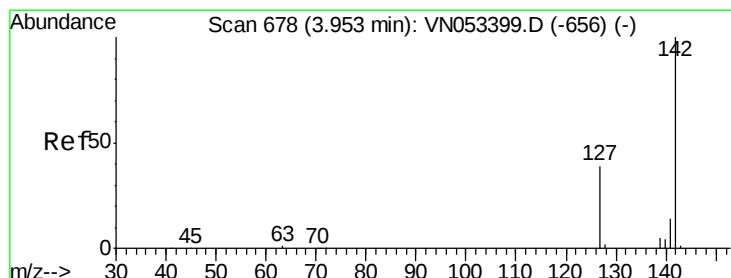
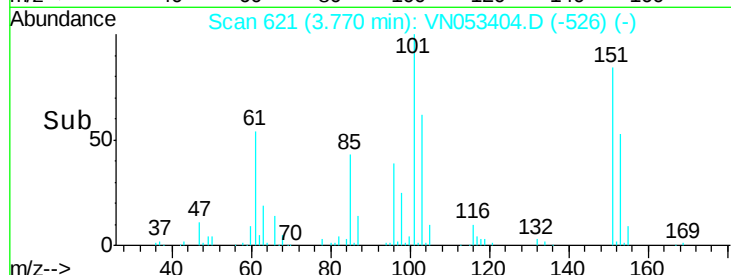
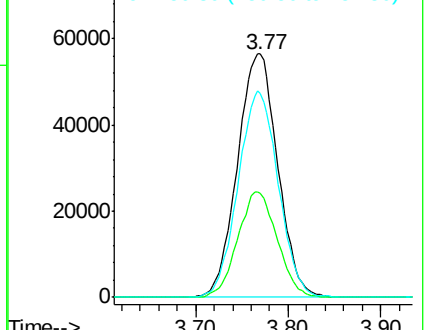
151 84.5 67.0 100.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.411 ug/l

RT: 3.96 min Scan# 680

Delta R.T. 0.01 min

Lab File: VN053404.D

Acq: 15 Jan 2019 13:33

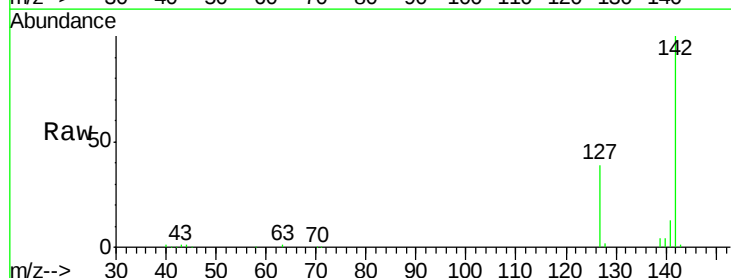
Tgt Ion:142 Resp: 262839

Ion Ratio Lower Upper

142 100

127 38.2 30.9 46.3

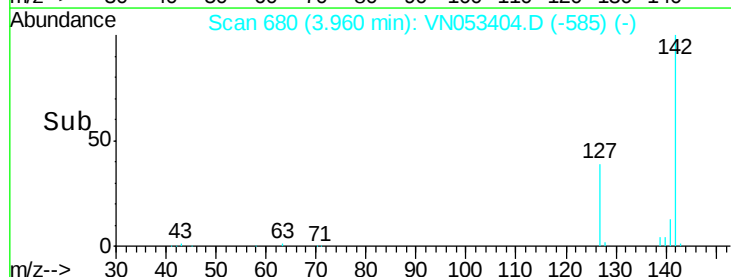
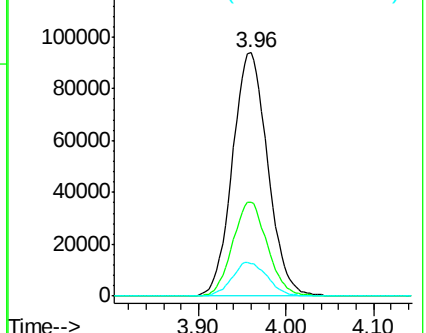
141 13.9 11.2 16.8

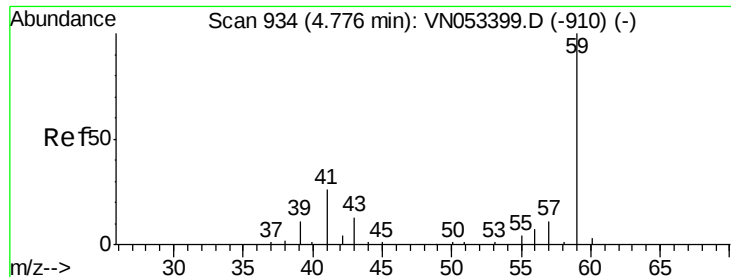


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



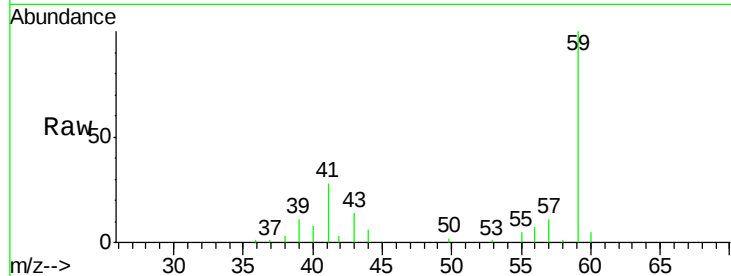


#11

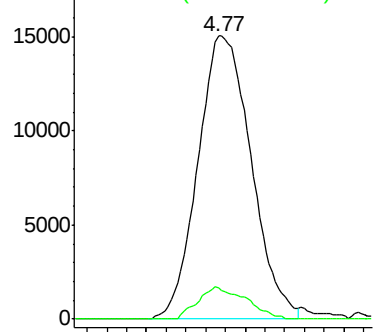
Tert butyl alcohol
 Concen: 126.510 ug/l
 RT: 4.77 min Scan# 933
 Delta R.T. -0.00 min
 Lab File: VN053404.D
 Acq: 15 Jan 2019 13:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBS01

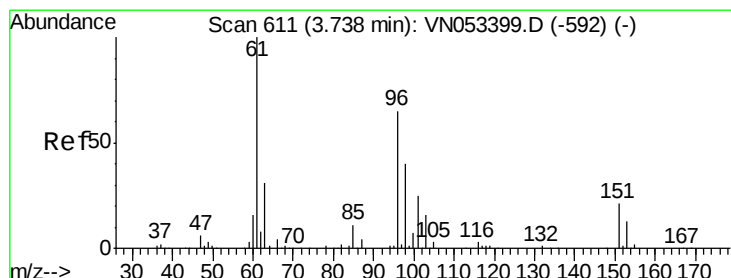
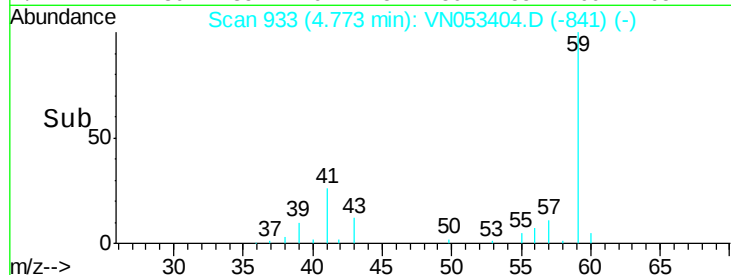
Tot Ion: 59 Resp: 56170
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.0 12.0



Abundance Ion 59.00 (58.70 to 59.70): VN0
 Ion 57.00 (56.70 to 57.70): VN0



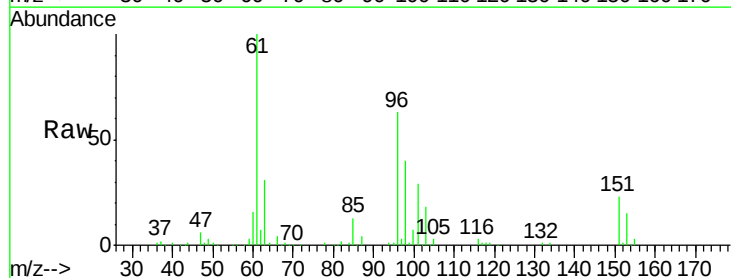
Time-->



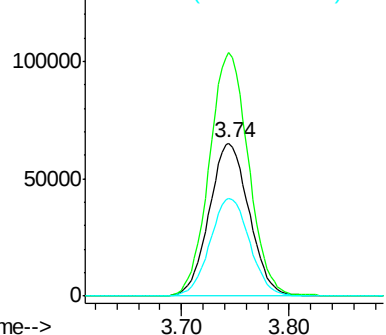
#12

1,1-Dichloroethene
 Concen: 20.493 ug/l
 RT: 3.74 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: VN053404.D
 Acq: 15 Jan 2019 13:33

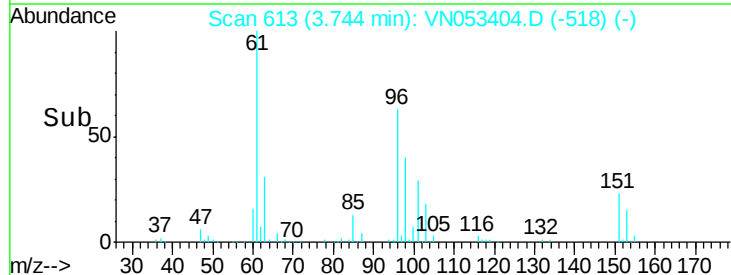
Tgt Ion: 96 Resp: 167497
 Ion Ratio Lower Upper
 96 100
 61 158.8 123.2 184.8
 98 63.7 50.5 75.7

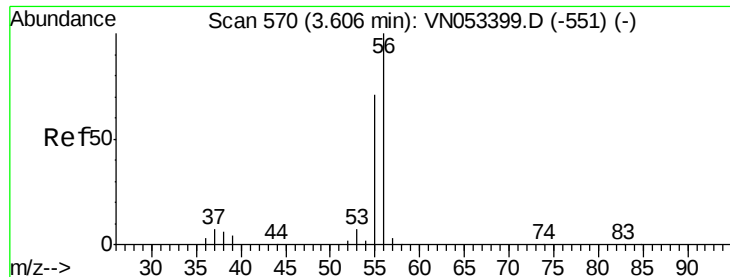


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0



Time-->





#13

Acrolein

Concen: 117.873 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN053404.D

Acq: 15 Jan 2019 13:33

Instrument :

MSVOA_N

ClientSampleId :

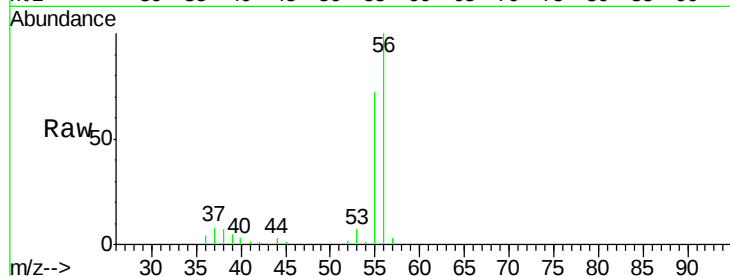
VN0115WBS01

Tot Ion: 56 Resp: 90670

Ion Ratio Lower Upper

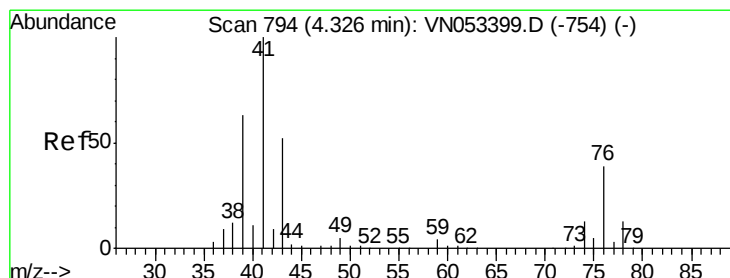
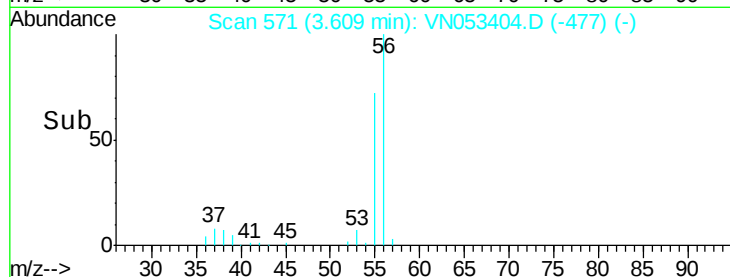
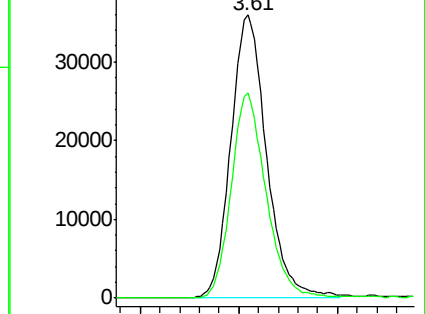
56 100

55 70.4 56.3 84.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 21.351 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN053404.D

Acq: 15 Jan 2019 13:33

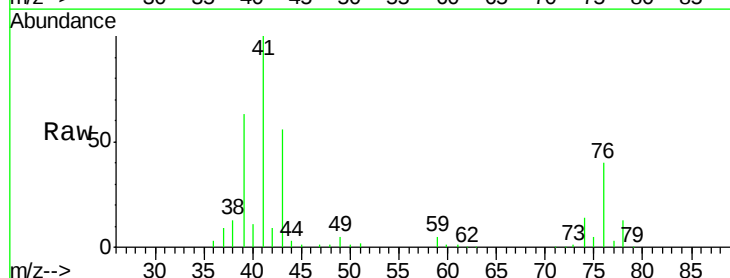
Tgt Ion: 41 Resp: 283459

Ion Ratio Lower Upper

41 100

39 60.8 51.9 77.9

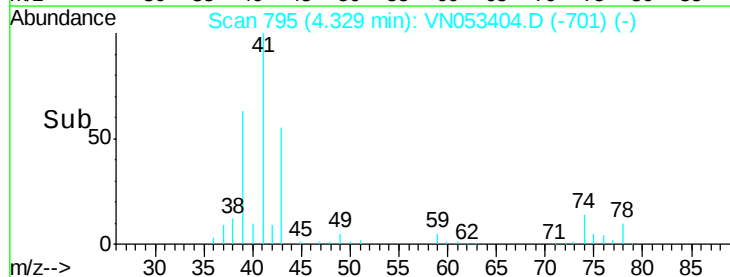
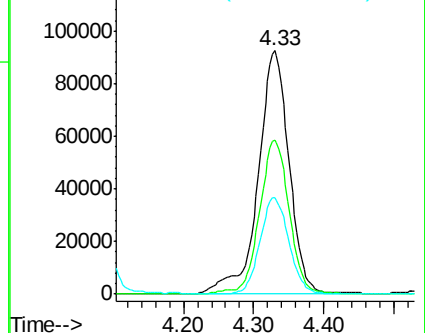
76 36.4 31.2 46.8



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: 115.252 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN053404.D

Acq: 15 Jan 2019 13:33

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBS01

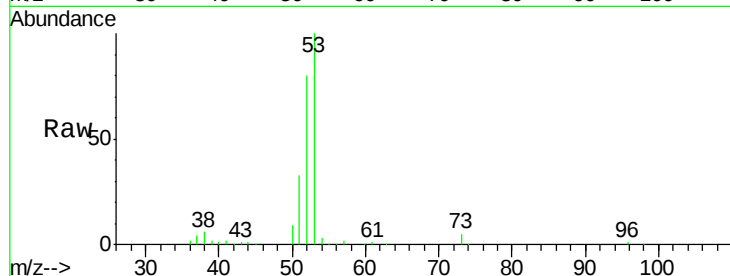
Tot Ion: 53 Resp: 336764

Ion Ratio Lower Upper

53 100

52 82.4 65.2 97.8

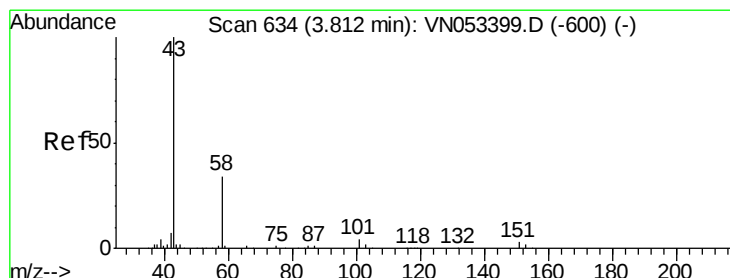
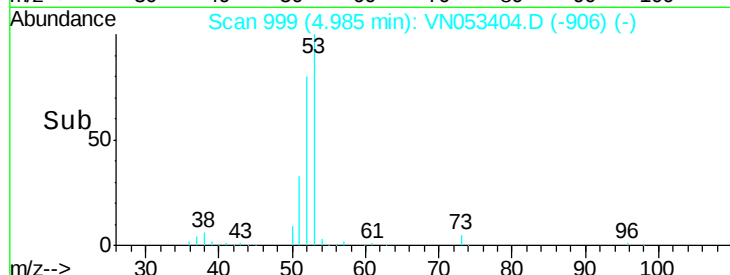
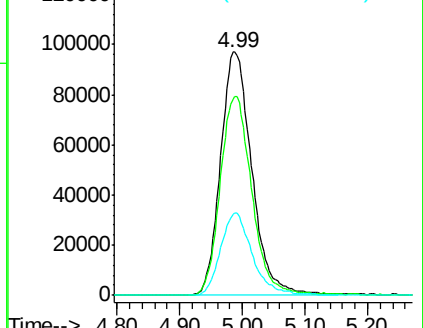
51 33.9 28.0 42.0



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: 105.403 ug/l

RT: 3.81 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053404.D

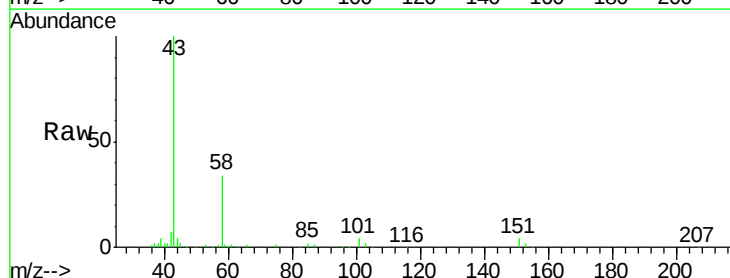
Acq: 15 Jan 2019 13:33

Tgt Ion: 43 Resp: 224390

Ion Ratio Lower Upper

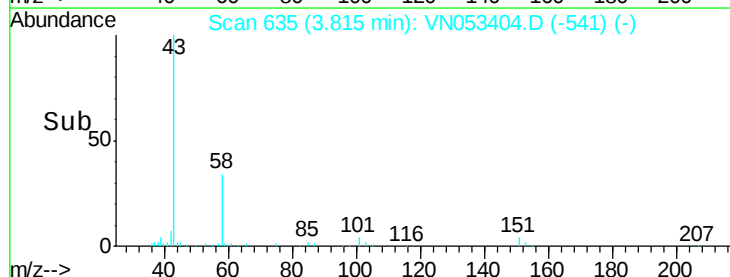
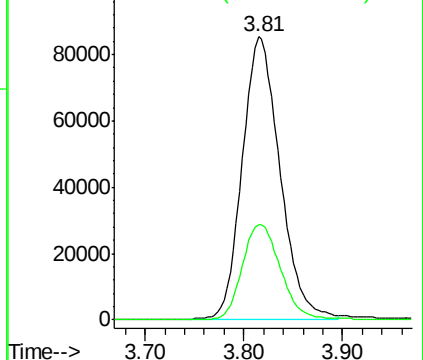
43 100

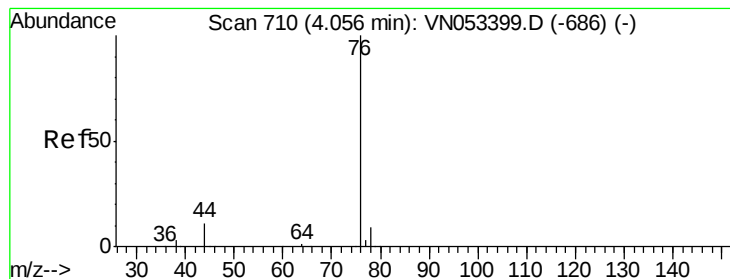
58 33.4 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 20.161 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN053404.D

Acq: 15 Jan 2019 13:33

Instrument :

MSVOA_N

ClientSampleId :

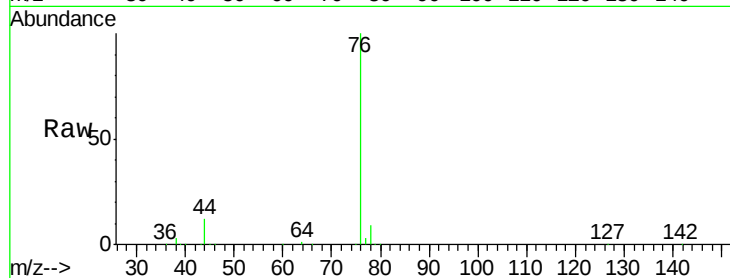
VN0115WBS01

Tot Ion: 76 Resp: 498318

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO

4.06

200000

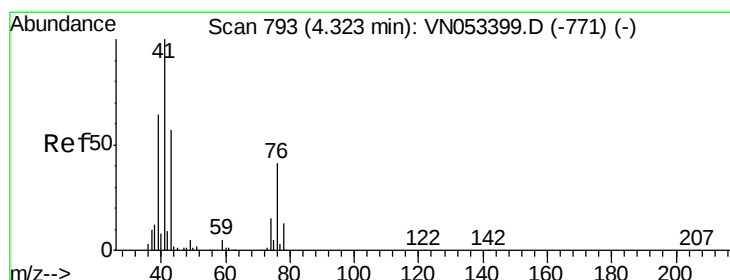
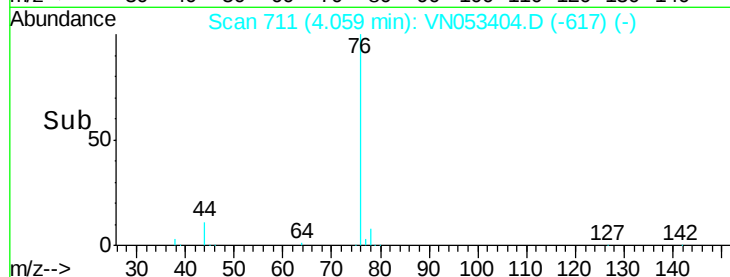
150000

100000

50000

0

Time--> 3.90 4.00 4.10 4.20



#18

Methyl Acetate

Concen: 21.160 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053404.D

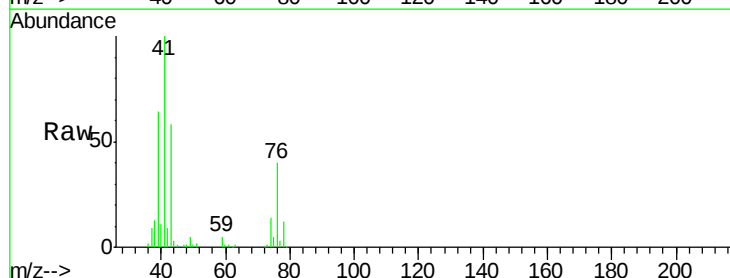
Acq: 15 Jan 2019 13:33

Tgt Ion: 43 Resp: 151769

Ion Ratio Lower Upper

43 100

74 24.5 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.33

60000

50000

40000

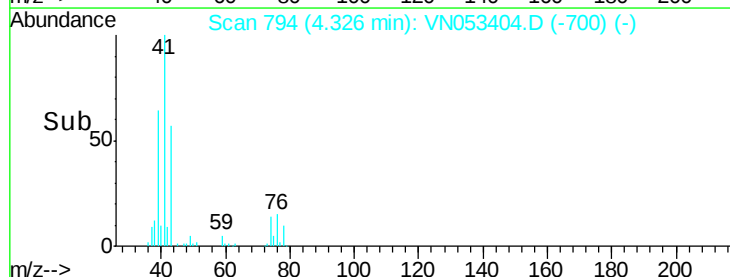
30000

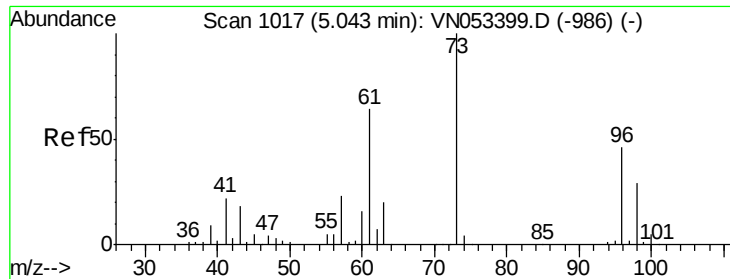
20000

10000

0

Time--> 4.20 4.30 4.40

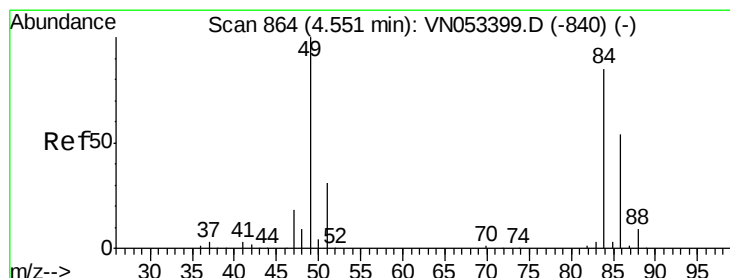
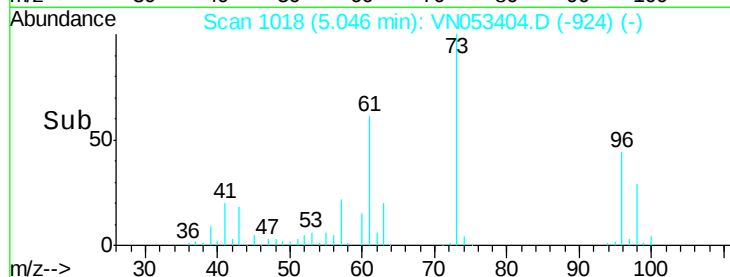
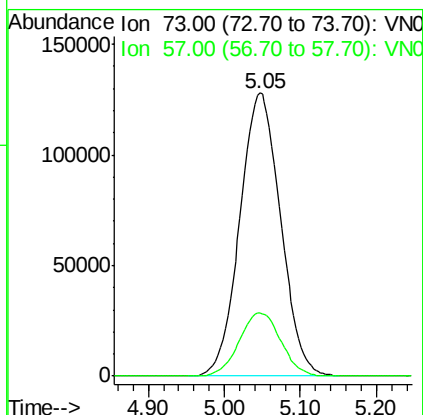
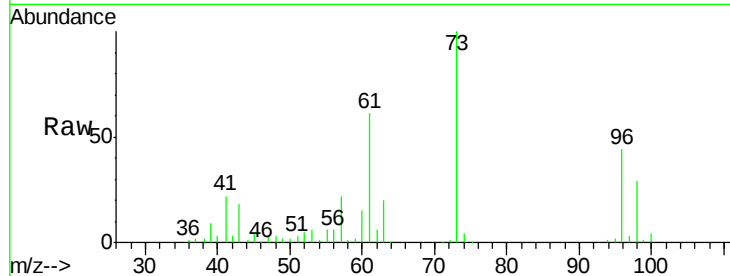




#19
Methyl tert-butyl Ether
Concen: 21.935 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN053404.D
Acq: 15 Jan 2019 13:33

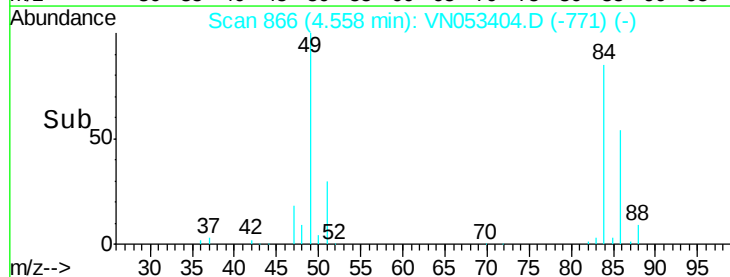
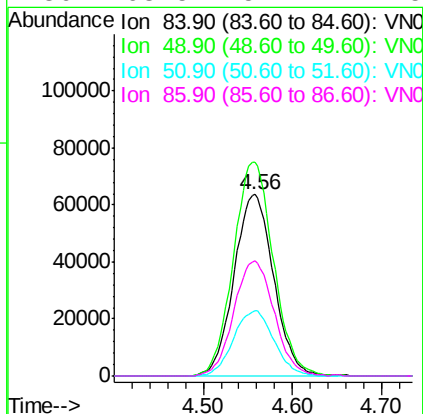
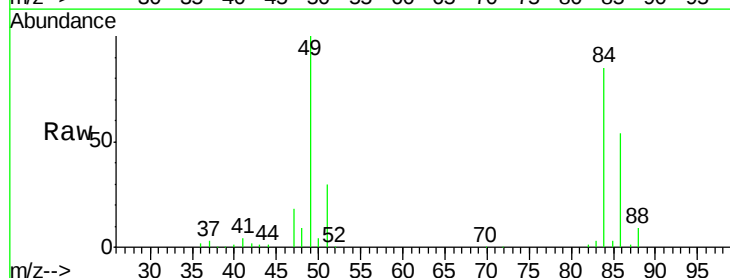
Instrument :
MSVOA_N
ClientSampleId :
VN0115WBS01

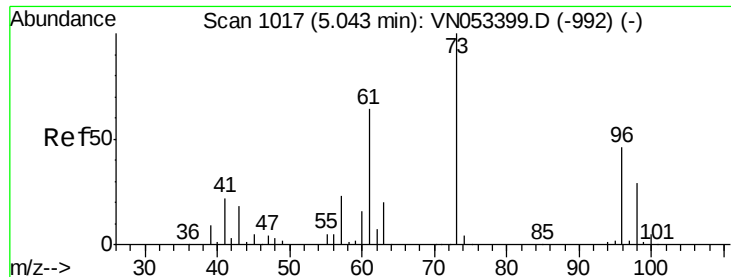
Tot Ion: 73 Resp: 476366
Ion Ratio Lower Upper
73 100
57 22.1 18.5 27.7



#20
Methylene Chloride
Concen: 20.207 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053404.D
Acq: 15 Jan 2019 13:33

Tgt Ion: 84 Resp: 196403
Ion Ratio Lower Upper
84 100
49 117.5 95.3 142.9
51 35.8 29.0 43.6
86 63.5 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 20.590 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN053404.D

Acq: 15 Jan 2019 13:33

Instrument :

MSVOA_N

ClientSampled :

VN0115WBS01

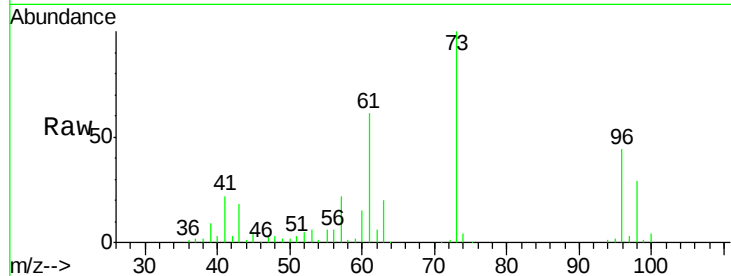
Tot Ion: 96 Resp: 179915

Ion Ratio Lower Upper

96 100

61 140.0 110.2 165.4

98 66.4 50.7 76.1

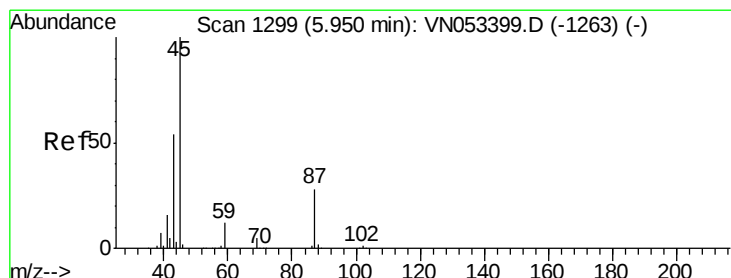
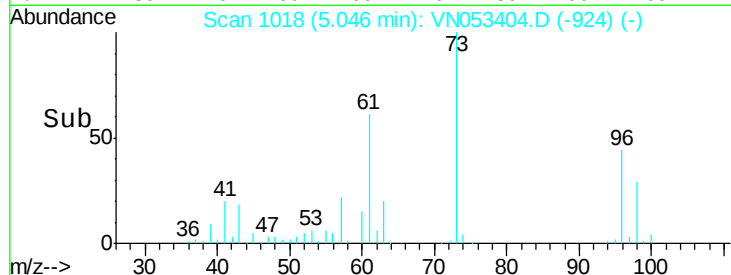
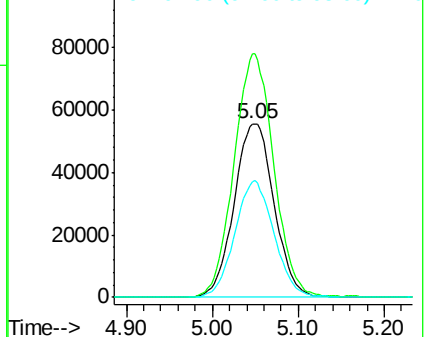


Abundance

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: 21.606 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN053404.D

Acq: 15 Jan 2019 13:33

Tgt Ion: 45 Resp: 598803

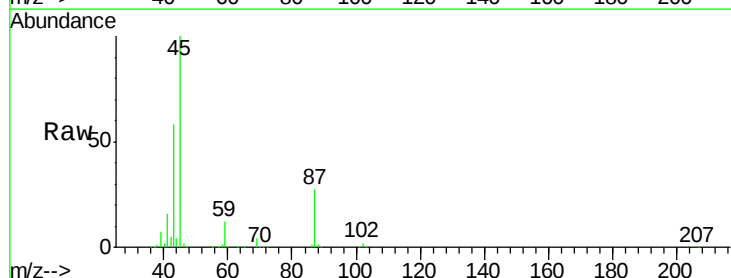
Ion Ratio Lower Upper

45 100

43 56.4 43.0 64.6

87 27.4 22.1 33.1

59 12.0 9.0 13.4



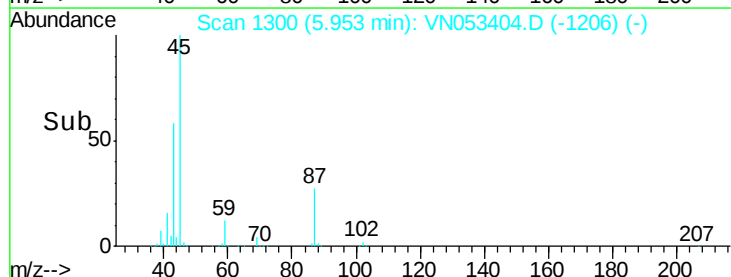
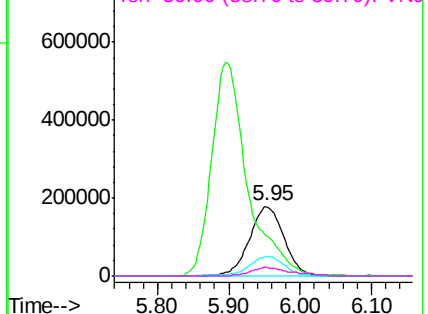
Abundance

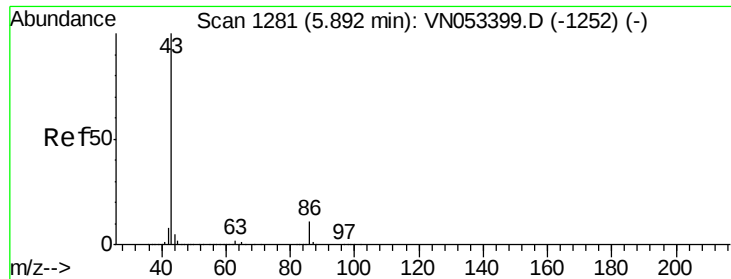
Ion 45.00 (44.70 to 45.70): VN0

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: 112.021 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN053404.D

Acq: 15 Jan 2019 13:33

Instrument :

MSVOA_N

ClientSampleId :

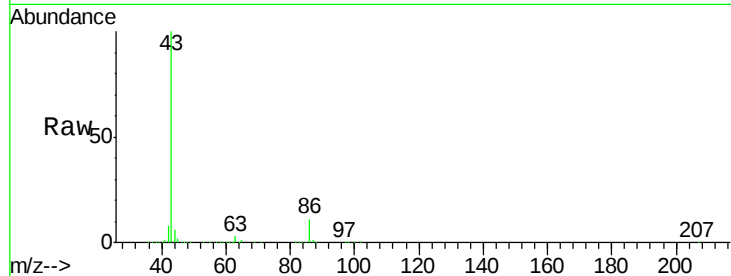
VN0115WBS01

Tot Ion: 43 Resp: 1908484

Ion Ratio Lower Upper

43 100

86 10.8 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.90

600000

500000

400000

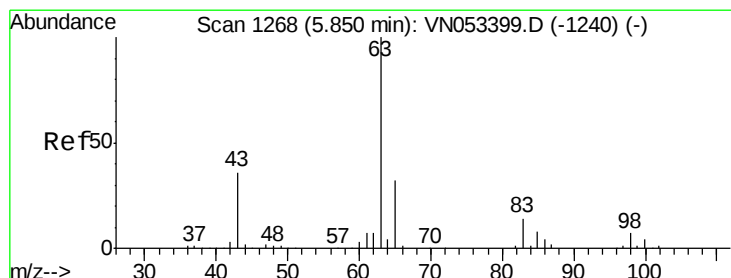
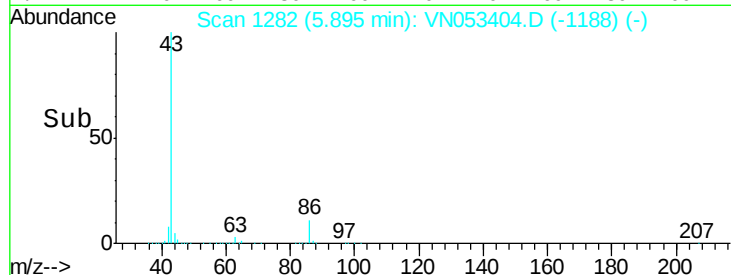
300000

200000

100000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 20.914 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN053404.D

Acq: 15 Jan 2019 13:33

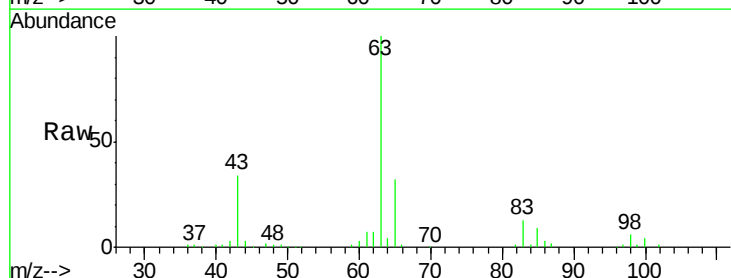
Tgt Ion: 63 Resp: 342653

Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.8

100 3.9 2.1 6.5



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

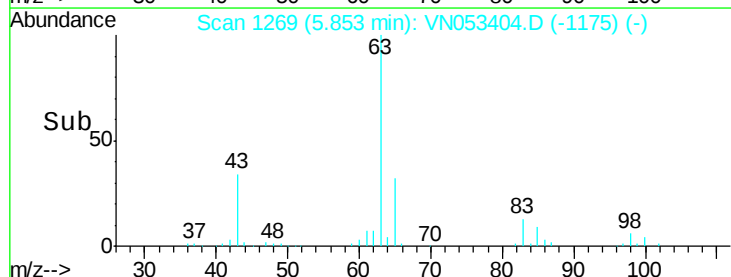
150000

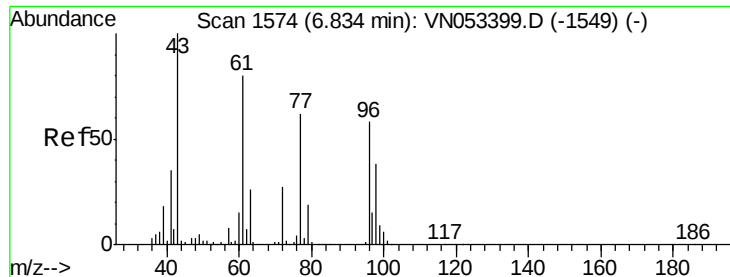
100000

50000

0

Time--> 5.70 5.80 5.90 6.00





#25

2-Butanone

Concen: 115.293 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VN053404.D

Acq: 15 Jan 2019 13:33

Instrument :

MSVOA_N

ClientSampled :

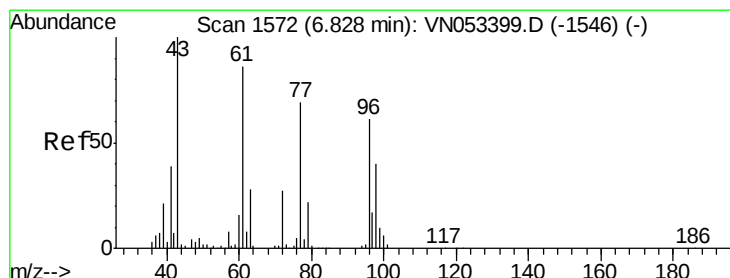
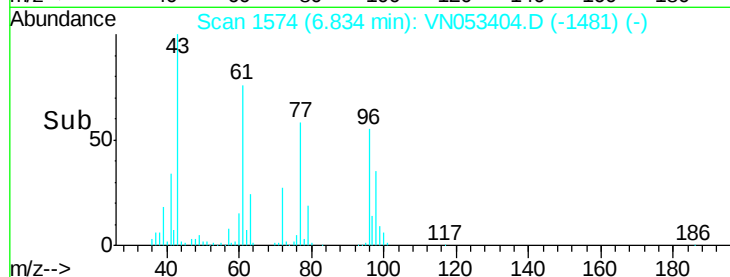
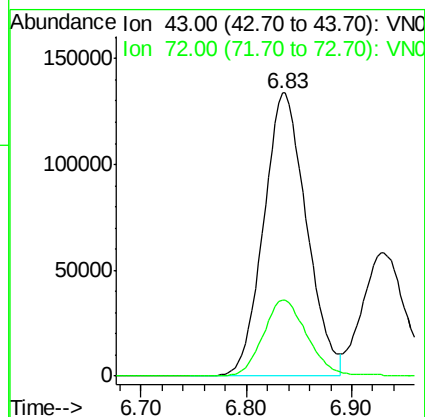
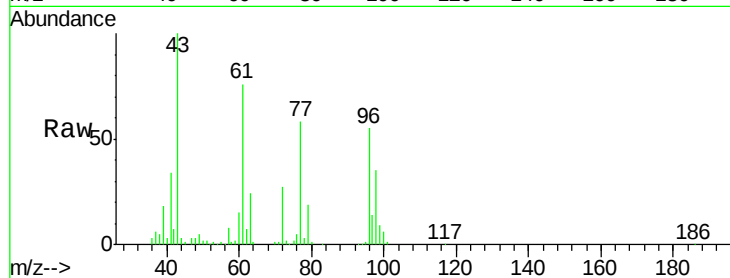
VN0115WBS01

Tot Ion: 43 Resp: 378230

Ion Ratio Lower Upper

43 100

72 26.9 22.0 33.0



#26

2,2-Dichloropropane

Concen: 20.684 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN053404.D

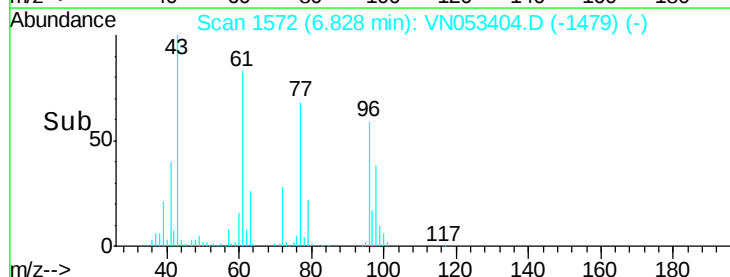
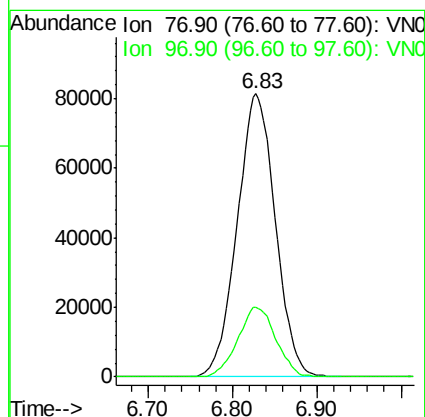
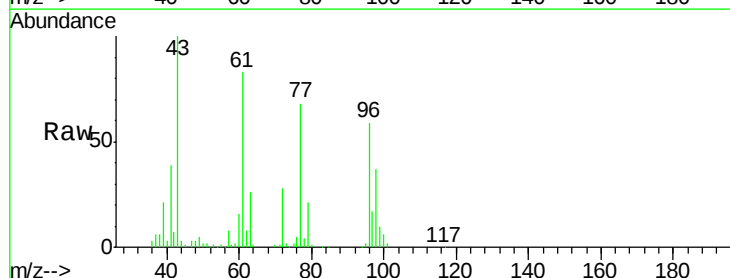
Acq: 15 Jan 2019 13:33

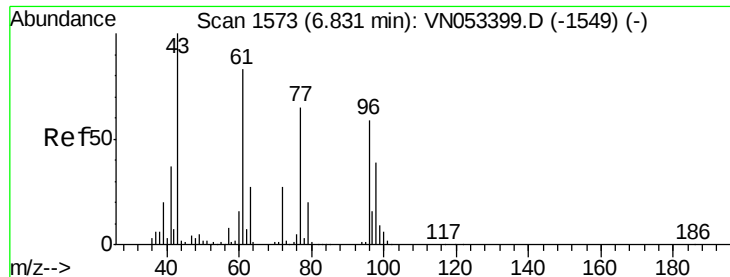
Tgt Ion: 77 Resp: 255866

Ion Ratio Lower Upper

77 100

97 24.6 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 21.223 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN053404.D

Acq: 15 Jan 2019 13:33

Instrument :

MSVOA_N

ClientSampled :

VN0115WBS01

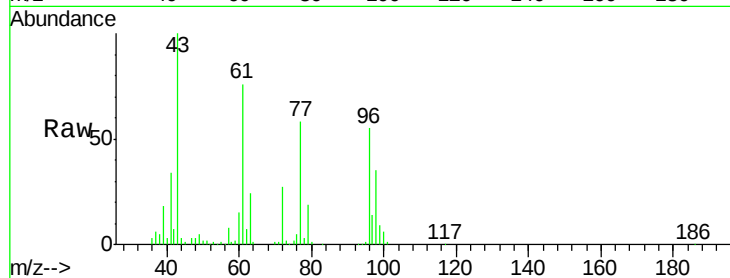
Tot Ion: 96 Resp: 212062

Ion Ratio Lower Upper

96 100

61 140.5 0.0 280.6

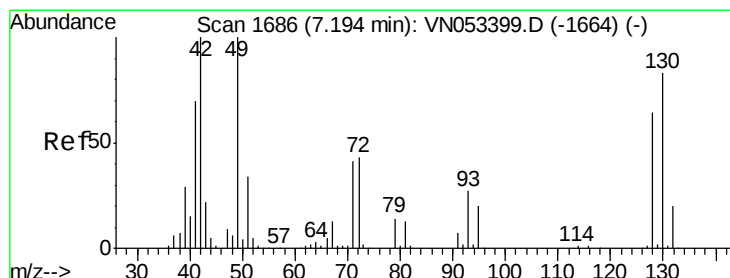
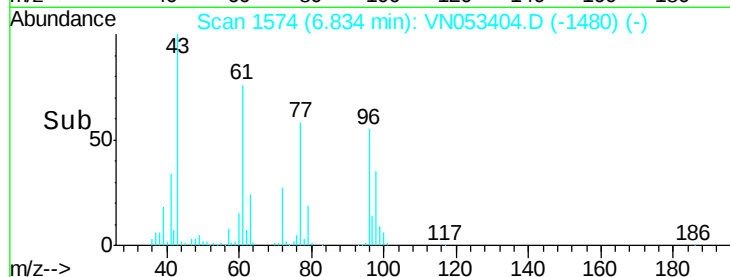
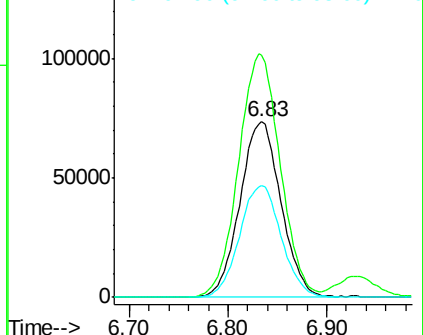
98 64.8 0.0 127.6



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: 21.086 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN053404.D

Acq: 15 Jan 2019 13:33

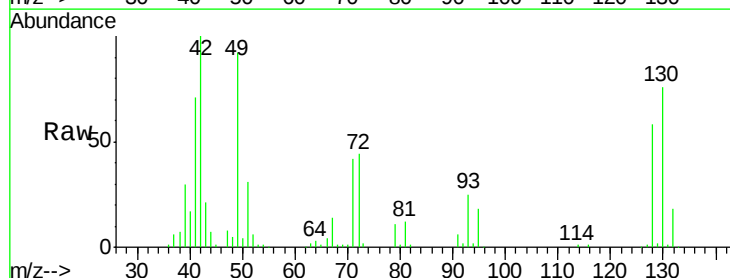
Tgt Ion: 49 Resp: 152195

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

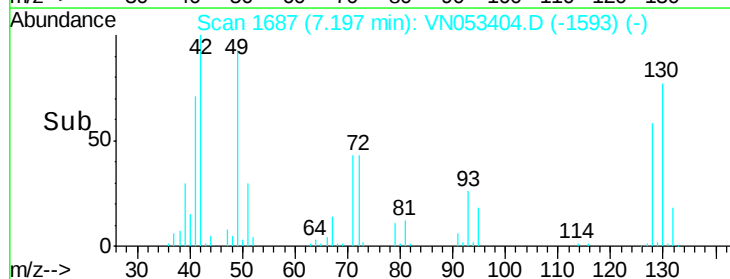
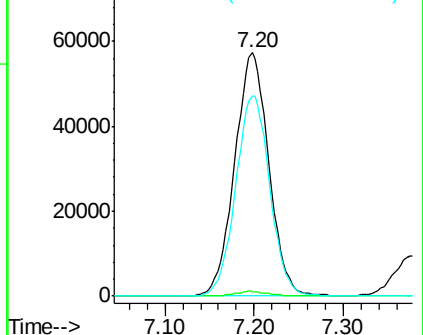
130 82.4 65.4 98.0

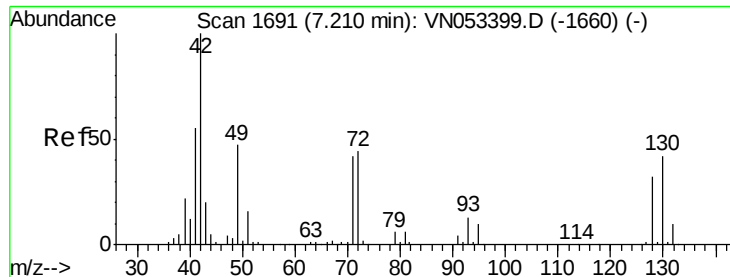


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 114.986 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN053404.D

Acq: 15 Jan 2019 13:33

Instrument :

MSVOA_N

ClientSampled :

VN0115WBS01

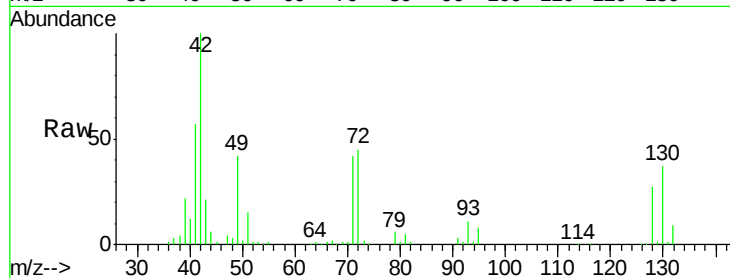
Tot Ion: 42 Resp: 245573

Ion Ratio Lower Upper

42 100

72 44.4 35.6 53.4

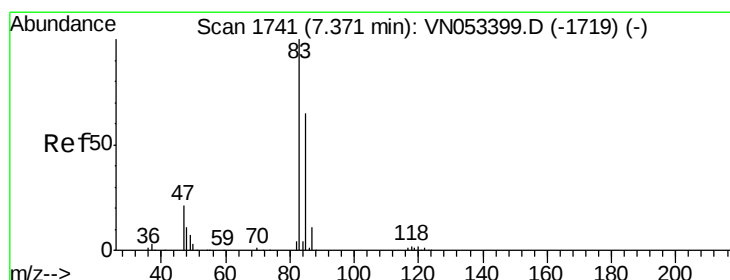
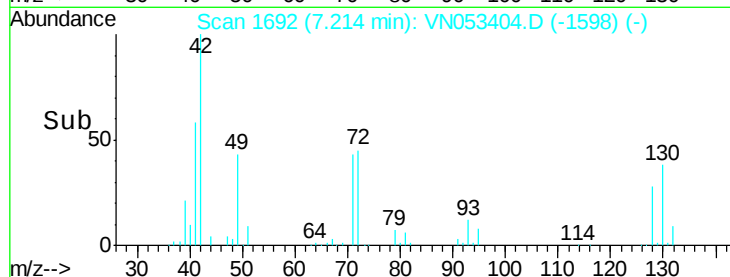
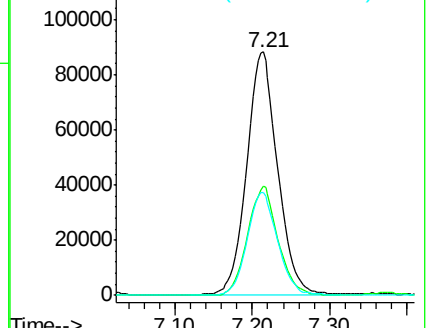
71 41.8 33.8 50.8



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: 21.046 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN053404.D

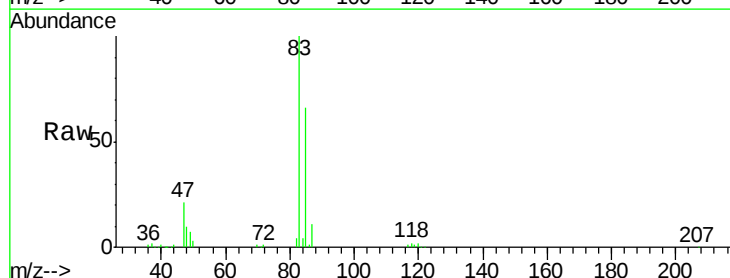
Acq: 15 Jan 2019 13:33

Tgt Ion: 83 Resp: 335955

Ion Ratio Lower Upper

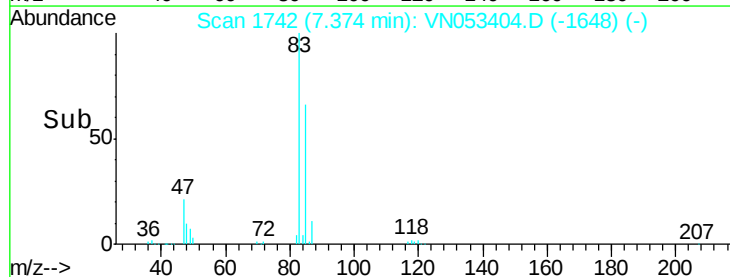
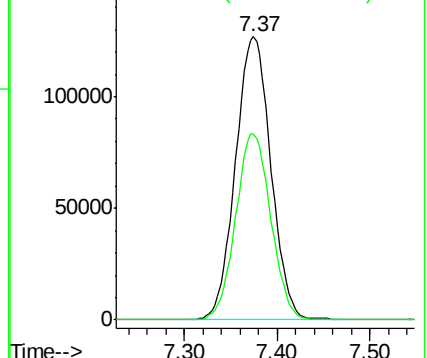
83 100

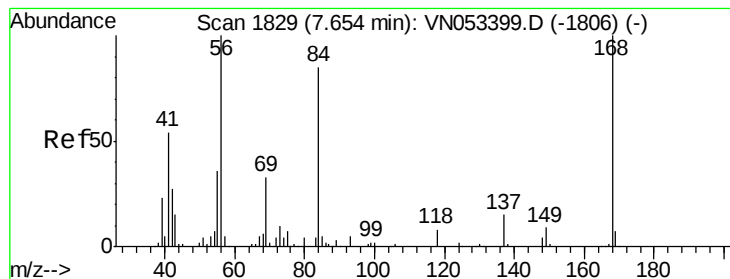
85 65.6 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 20.234 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN053404.D

Acq: 15 Jan 2019 13:33

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBS01

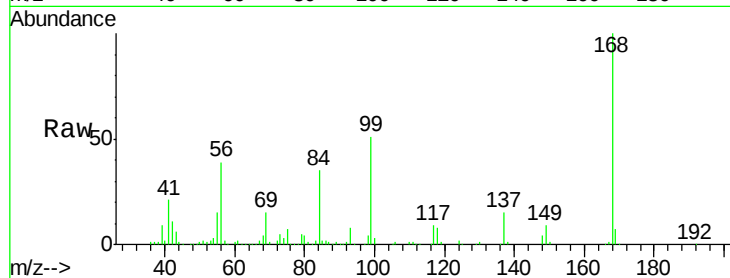
Tot Ion: 56 Resp: 324744

Ion Ratio Lower Upper

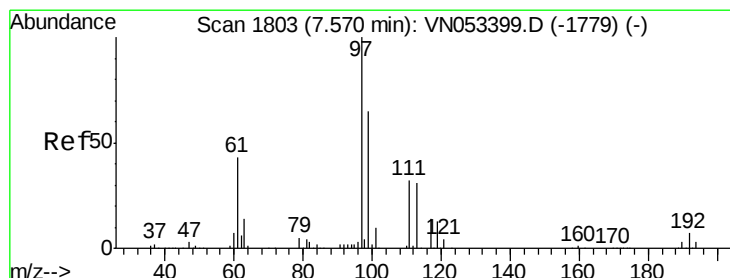
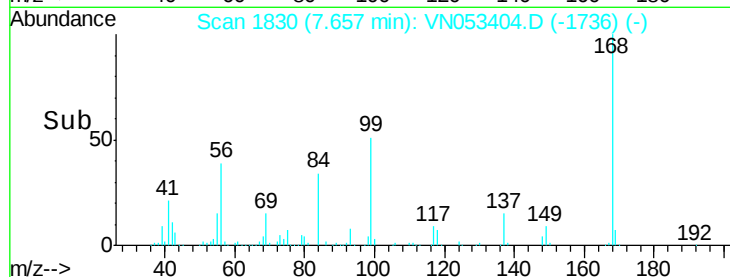
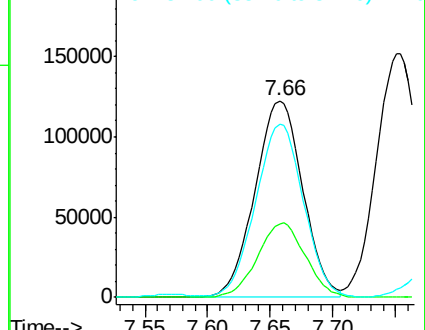
56 100

69 37.6 26.7 40.1

84 87.5 68.2 102.4



Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC



#32

1,1,1-Trichloroethane

Concen: 20.806 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN053404.D

Acq: 15 Jan 2019 13:33

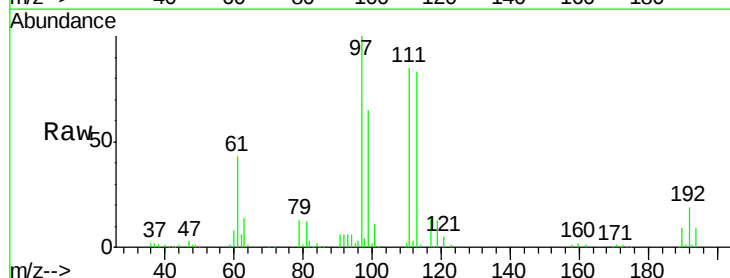
Tgt Ion: 97 Resp: 281741

Ion Ratio Lower Upper

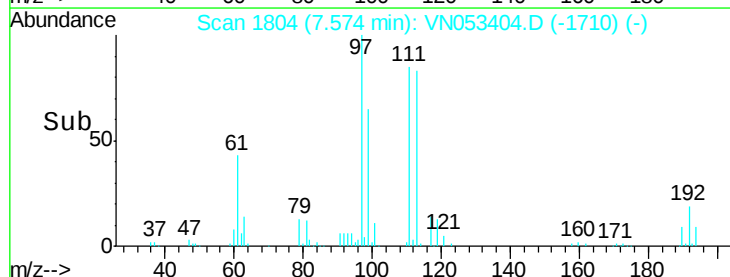
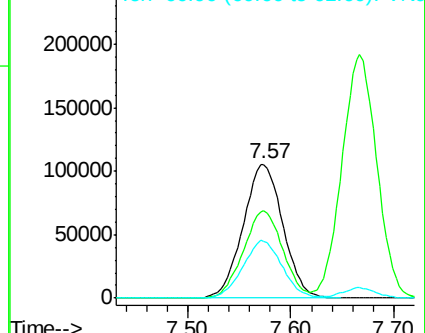
97 100

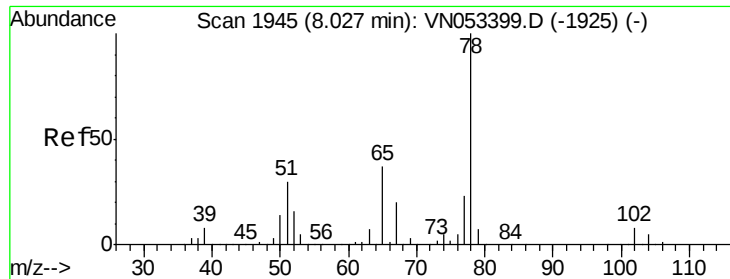
99 64.7 51.6 77.4

61 42.4 34.6 52.0



Abundance Ion 96.90 (96.60 to 97.60): VNC
Ion 98.90 (98.60 to 99.60): VNC
Ion 60.90 (60.60 to 61.60): VNC

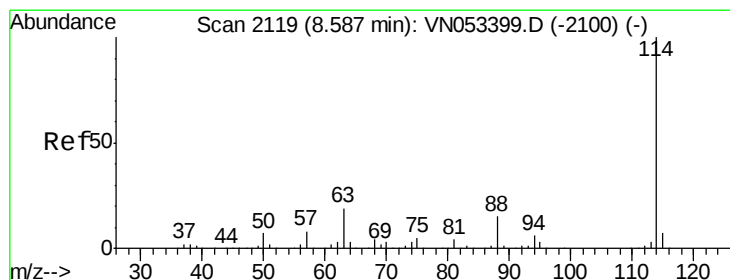
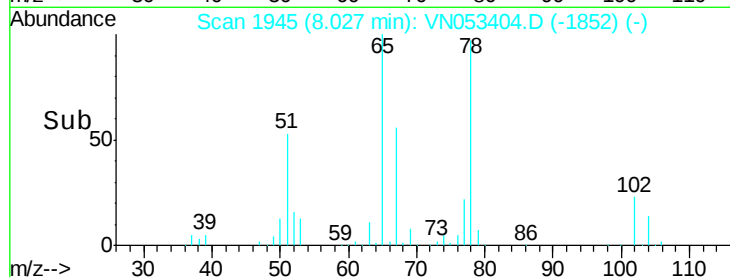
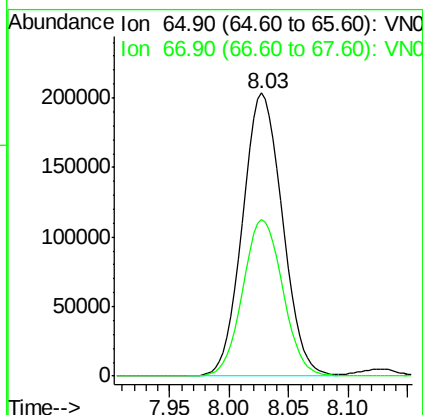
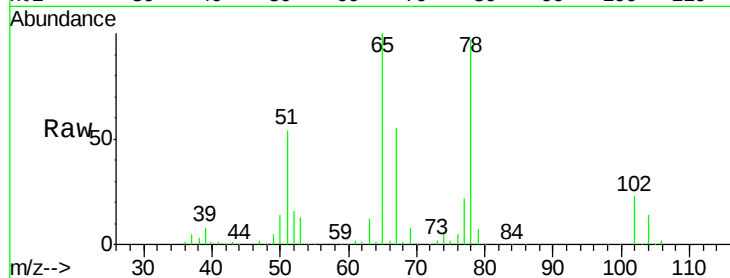




#33
 1,2-Dichloroethane-d4
 Concen: 20.806 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053404.D
 Acq: 15 Jan 2019 13:33

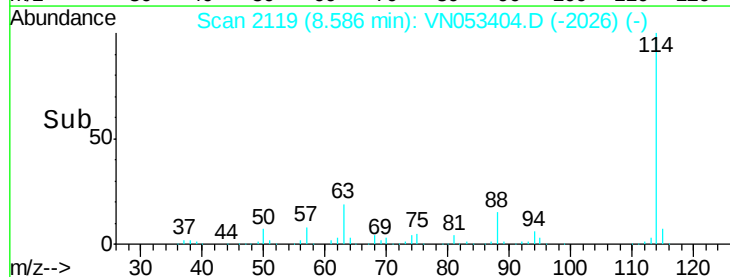
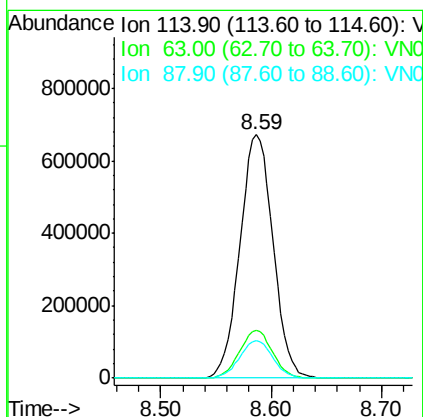
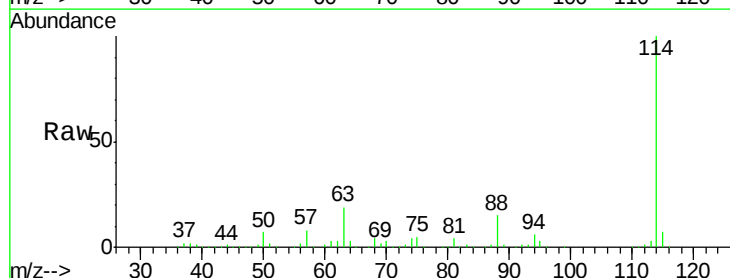
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBS01

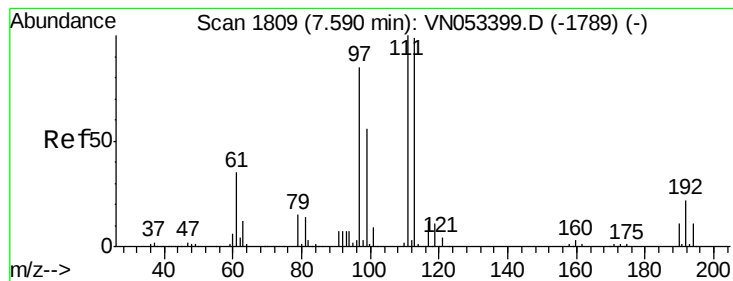
Tot Ion: 65 Resp: 474003
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN053404.D
 Acq: 15 Jan 2019 13:33

Tgt Ion: 114 Resp: 1396522
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.0
 88 15.3 0.0 30.8





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053404.D

Acq: 15 Jan 2019 13:33

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBS01

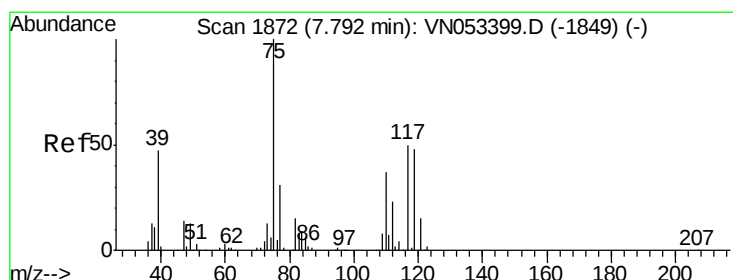
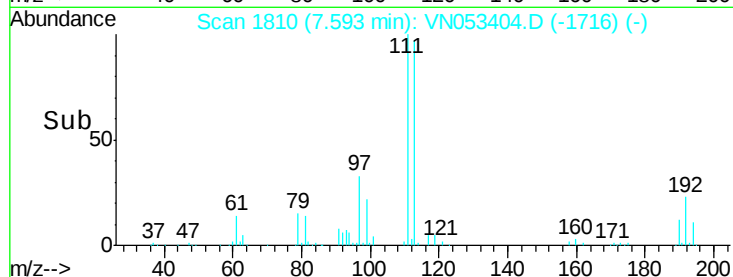
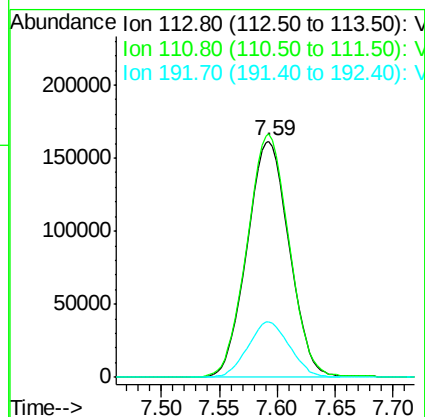
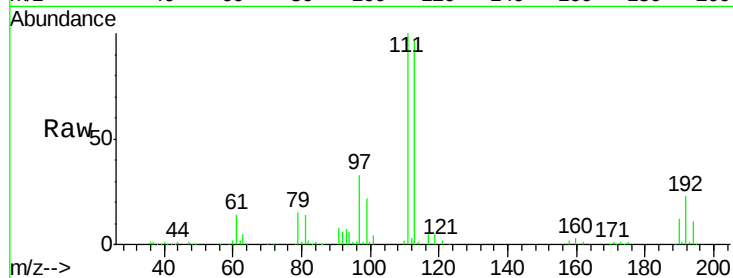
Tot Ion:113 Resp: 409678

Ion Ratio Lower Upper

113 100

111 103.3 81.4 122.2

192 23.3 17.9 26.9



#36

1,1-Dichloropropene

Concen: 20.583 ug/l

RT: 7.80 min Scan# 1873

Delta R.T. 0.00 min

Lab File: VN053404.D

Acq: 15 Jan 2019 13:33

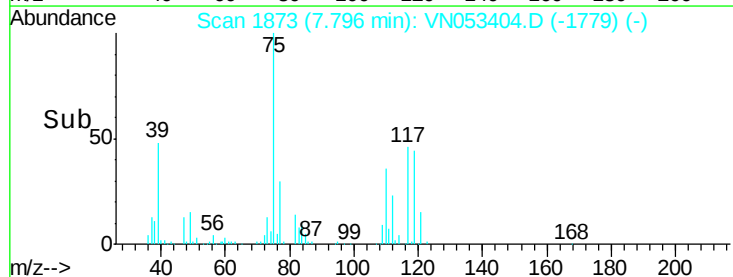
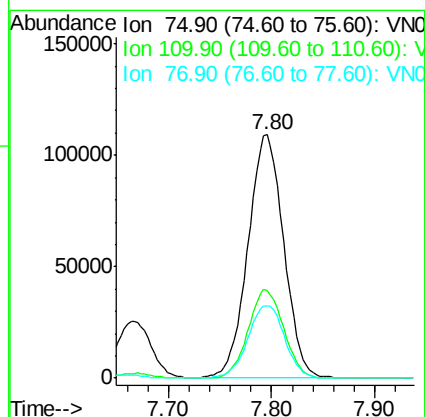
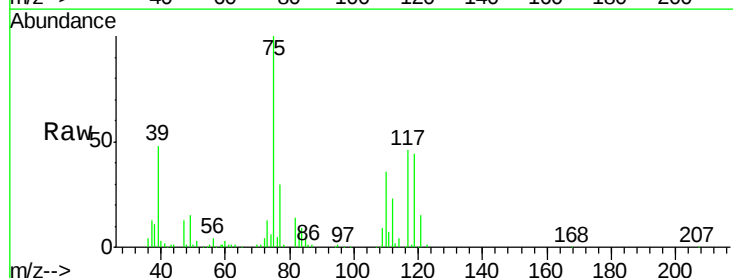
Tgt Ion: 75 Resp: 261781

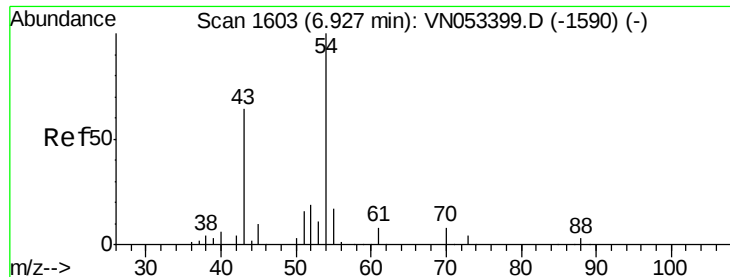
Ion Ratio Lower Upper

75 100

110 36.2 18.4 55.0

77 30.8 25.3 37.9

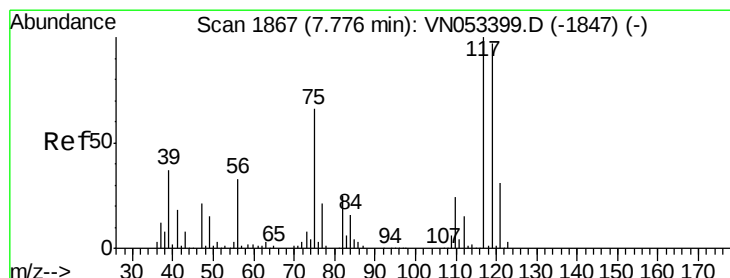
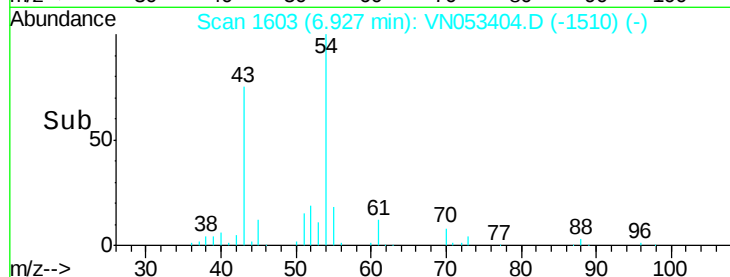
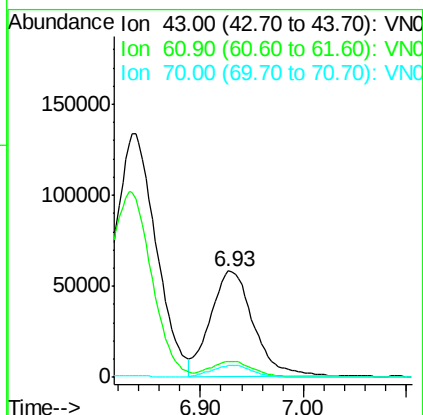
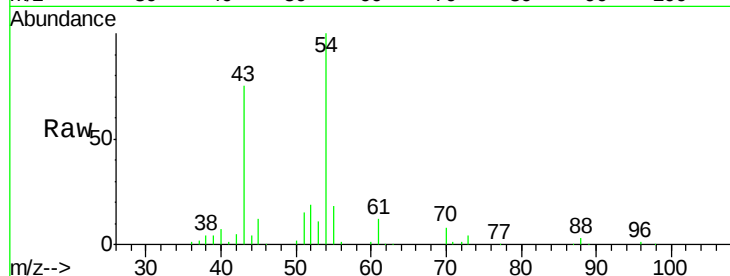




#37
Ethyl Acetate
Concen: 22.806 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN053404.D
Acq: 15 Jan 2019 13:33

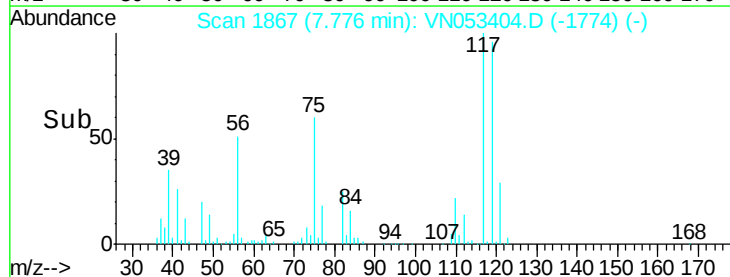
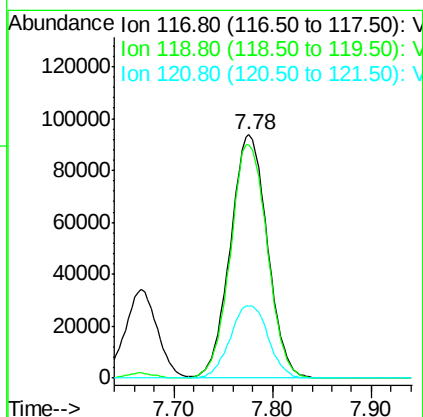
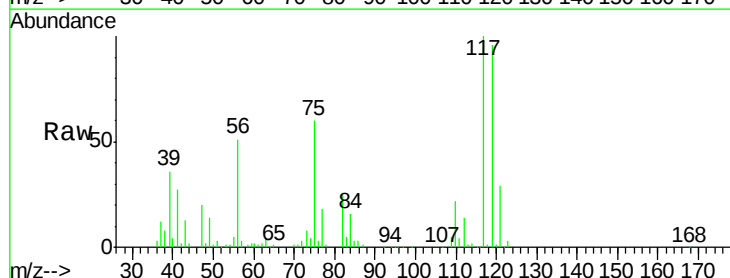
Instrument :
MSVOA_N
ClientSampleId :
VN0115WBS01

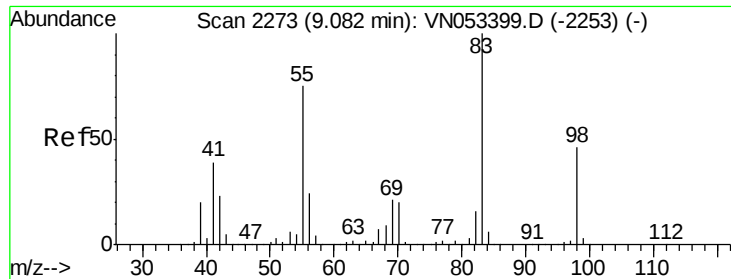
Tot Ion: 43 Resp: 168262
Ion Ratio Lower Upper
43 100
61 14.6 11.9 17.9
70 11.3 8.6 13.0



#38
Carbon Tetrachloride
Concen: 20.351 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN053404.D
Acq: 15 Jan 2019 13:33

Tgt Ion: 117 Resp: 245049
Ion Ratio Lower Upper
117 100
119 95.8 76.6 115.0
121 29.4 25.0 37.4

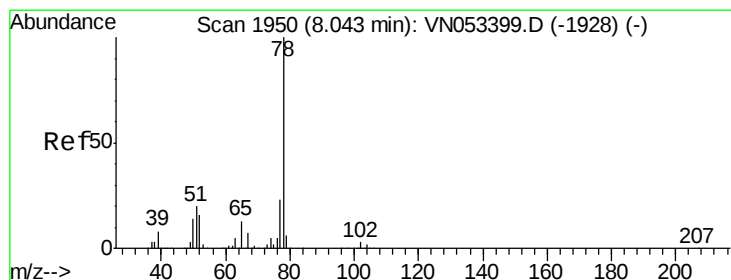
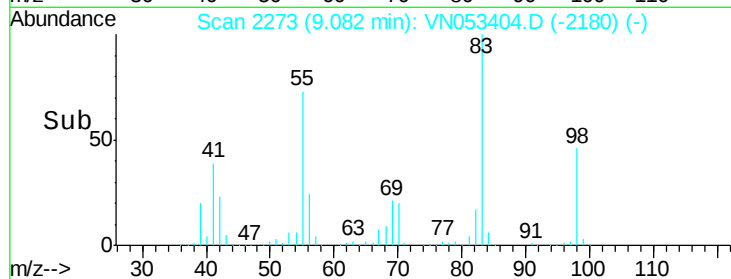
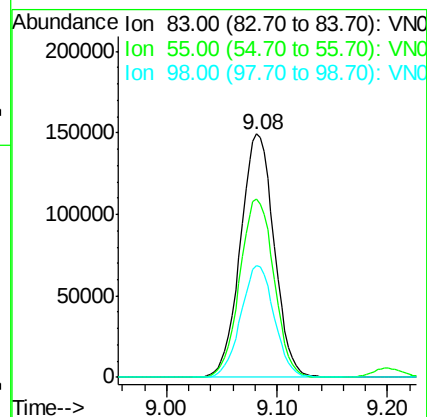
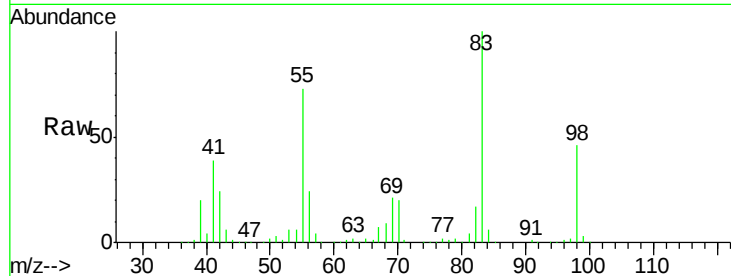




#39
Methvlcvclohexane
Concen: 20.099 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN053404.D
Acq: 15 Jan 2019 13:33

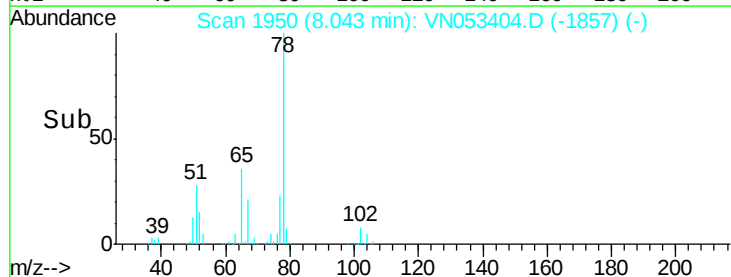
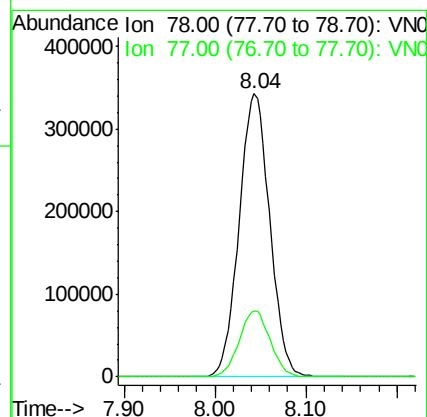
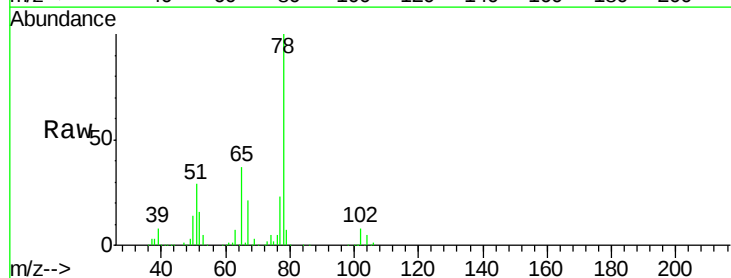
Instrument :
MSVOA_N
ClientSampleId :
VN0115WBS01

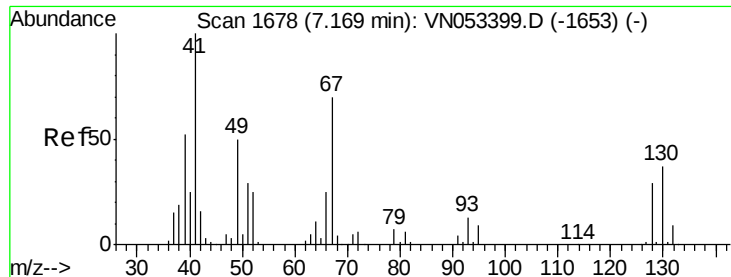
Tot Ion	83	Resp	315954
Ion Ratio	Lower	Upper	
83	100		
55	73.2	60.1	90.1
98	46.0	36.7	55.1



#40
Benzene
Concen: 20.748 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN053404.D
Acq: 15 Jan 2019 13:33

Tgt Ion	78	Resp	801881
Ion Ratio	Lower	Upper	
78	100		
77	23.4	19.0	28.4





#41

Methacrylonitrile

Concen: 20.472 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VN053404.D

Acq: 15 Jan 2019 13:33

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBS01

Tot Ion: 41 Resp: 93401

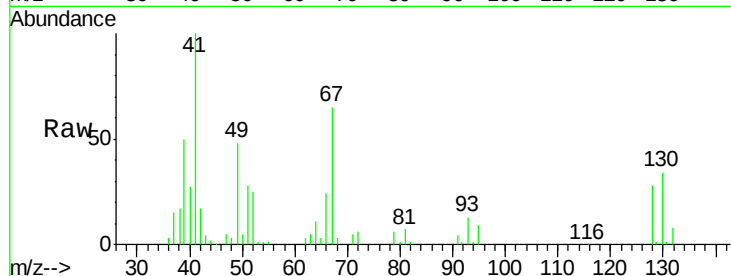
Ion Ratio Lower Upper

41 100

39 62.6 0.0 0.0#

67 82.5 0.0 0.0#

52 32.0 0.0 0.0#

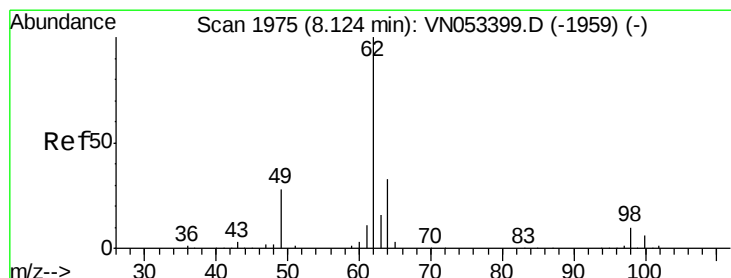
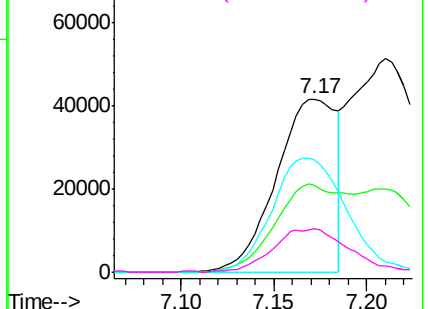
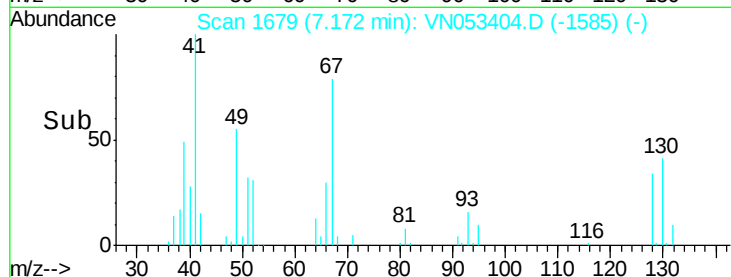


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



#42

1,2-Dichloroethane

Concen: 21.005 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN053404.D

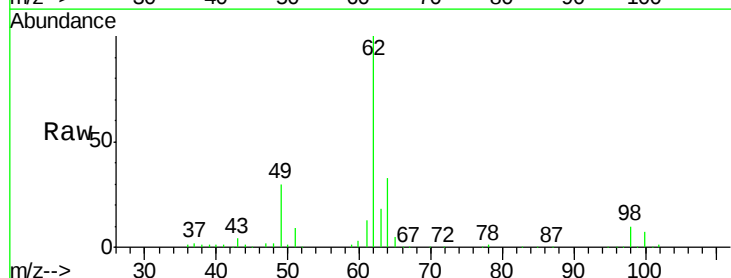
Acq: 15 Jan 2019 13:33

Tgt Ion: 62 Resp: 236504

Ion Ratio Lower Upper

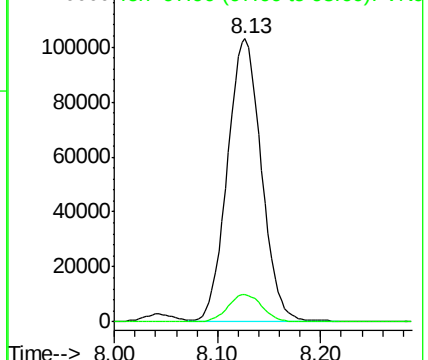
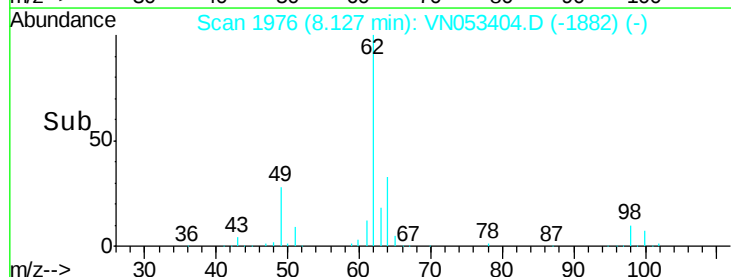
62 100

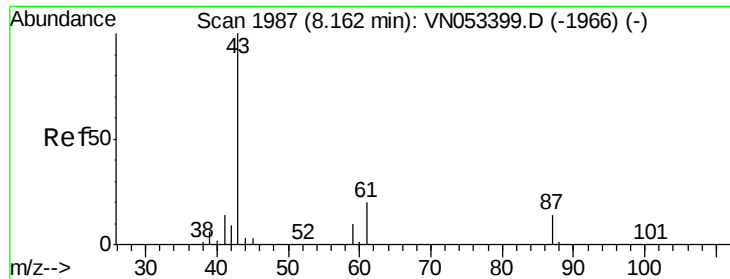
98 9.7 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 22.027 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053404.D

Acq: 15 Jan 2019 13:33

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBS01

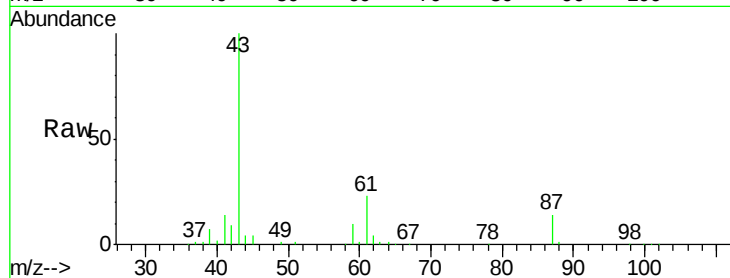
Tot Ion: 43 Resp: 302619

Ion Ratio Lower Upper

43 100

61 28.9 23.3 34.9

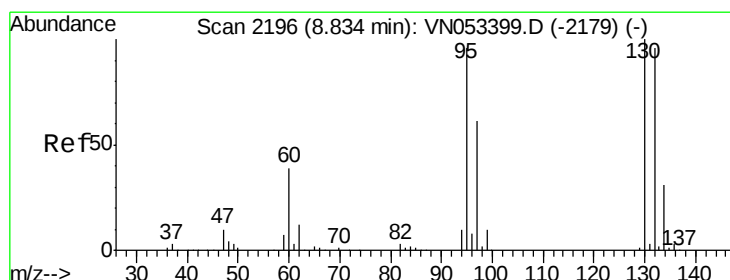
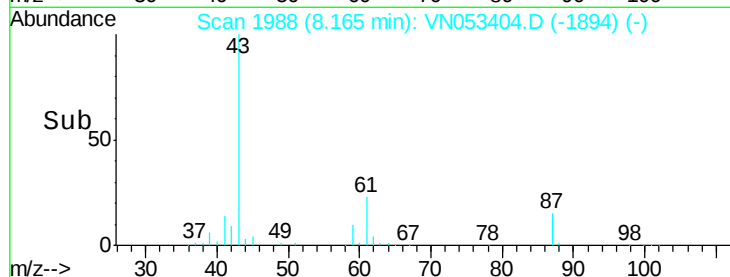
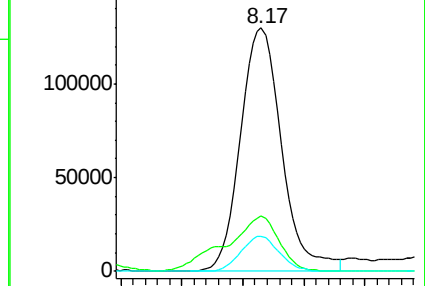
87 13.4 10.8 16.2



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: 20.613 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN053404.D

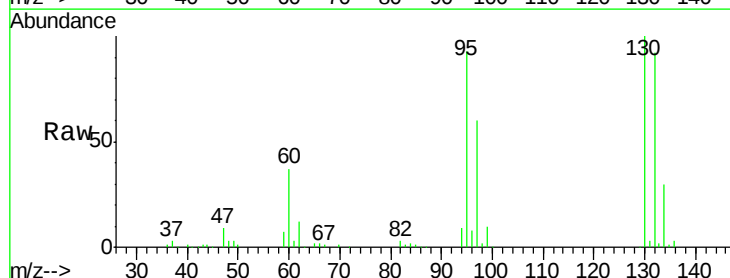
Acq: 15 Jan 2019 13:33

Tgt Ion:130 Resp: 220931

Ion Ratio Lower Upper

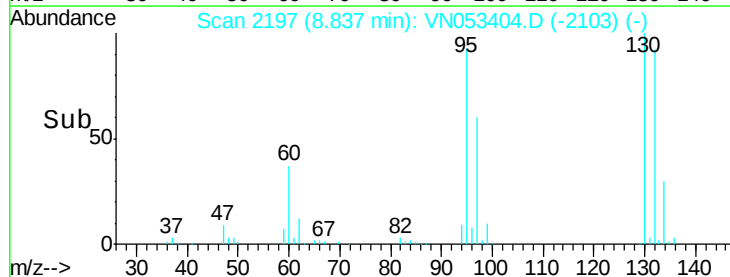
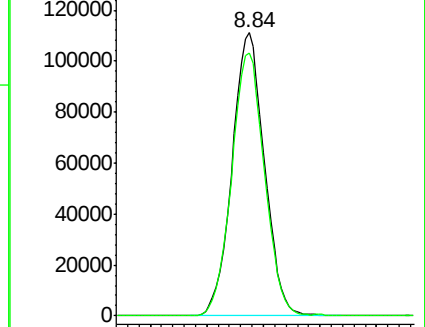
130 100

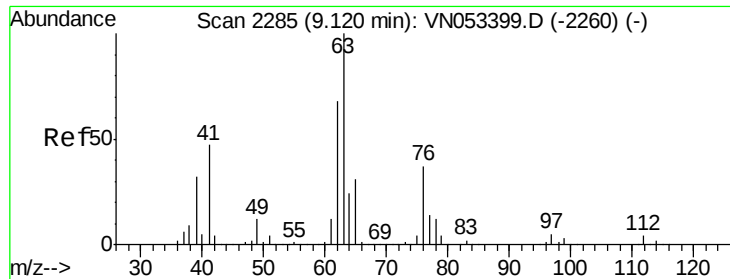
95 93.0 0.0 191.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

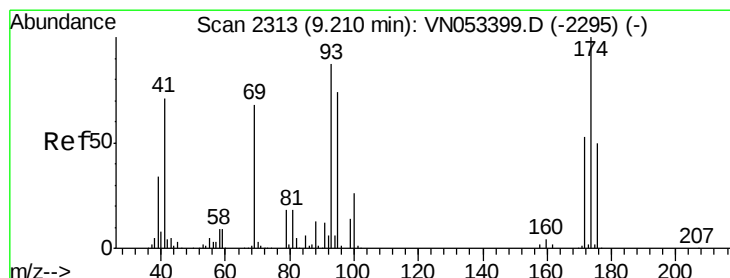
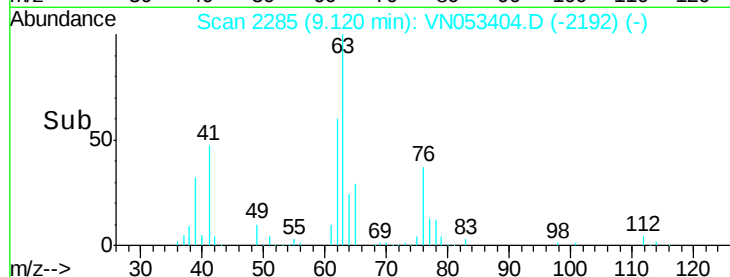
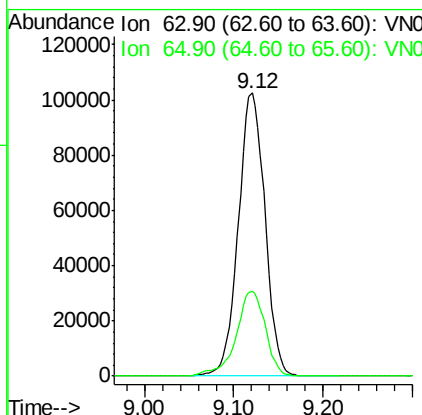
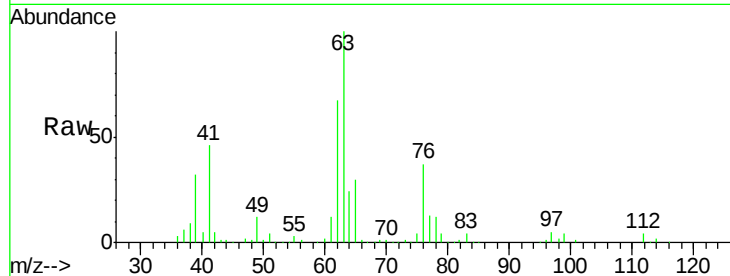




#45
 1,2-Dichloropropane
 Concen: 20.770 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN053404.D
 Acq: 15 Jan 2019 13:33

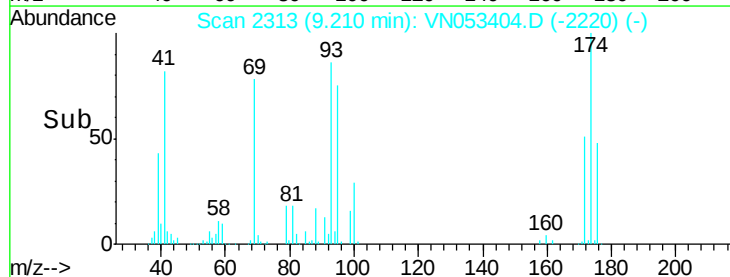
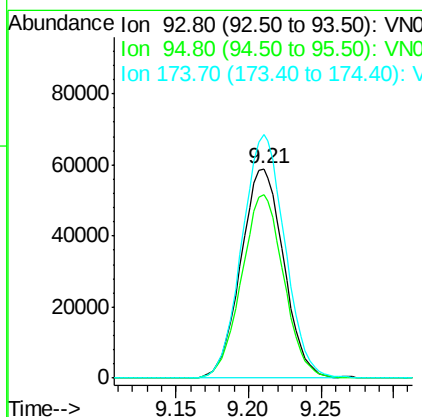
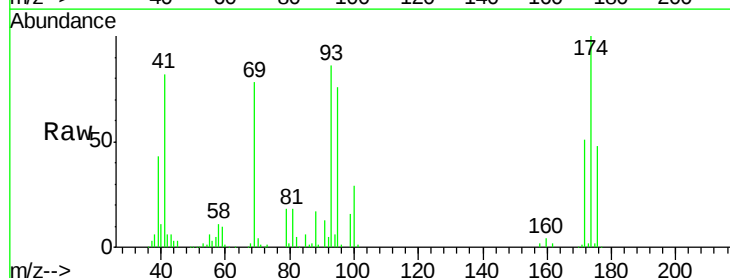
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBS01

Tot Ion: 63 Resp: 212622
 Ion Ratio Lower Upper
 63 100
 65 29.9 25.0 37.6



#46
 Dibromomethane
 Concen: 20.607 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. -0.00 min
 Lab File: VN053404.D
 Acq: 15 Jan 2019 13:33

Tgt Ion: 93 Resp: 121201
 Ion Ratio Lower Upper
 93 100
 95 86.4 66.6 100.0
 174 116.5 91.4 137.0

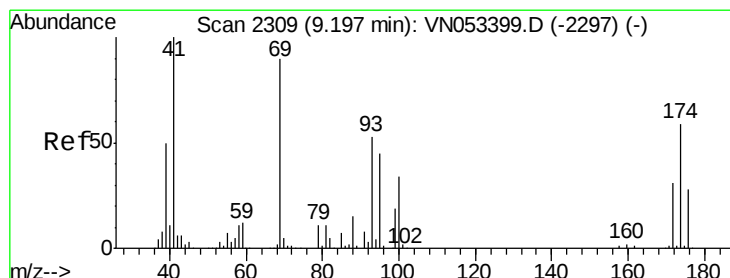
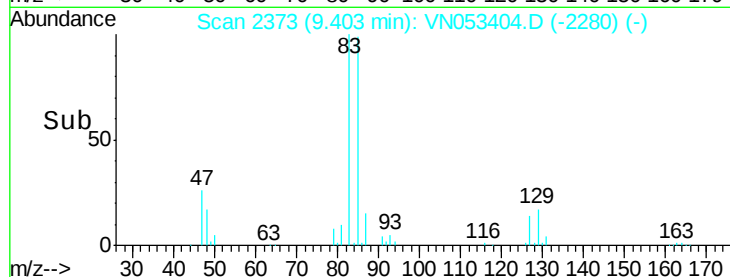
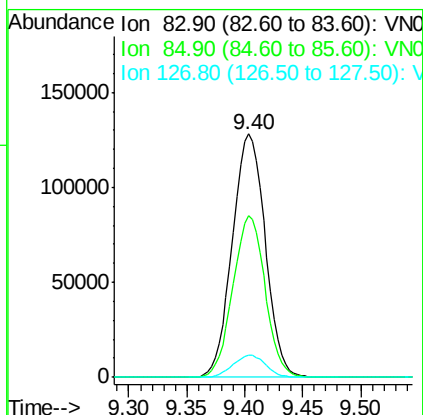
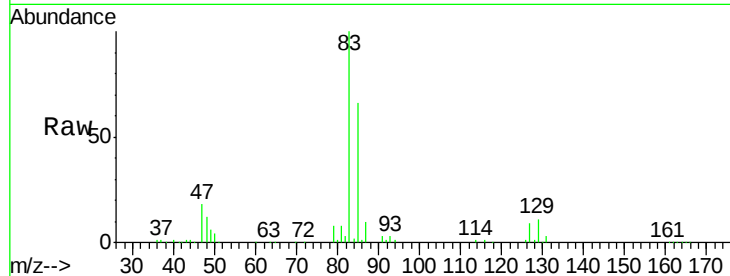




#47
Bromodichloromethane
Concen: 20.459 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN053404.D
Acq: 15 Jan 2019 13:33

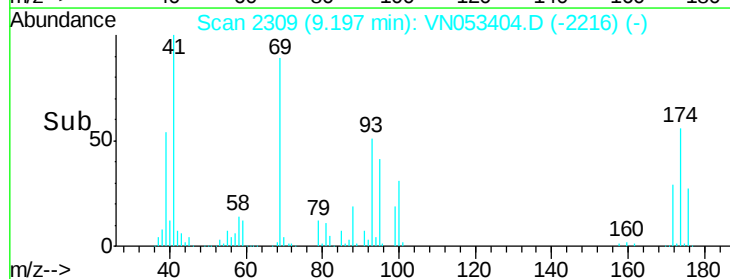
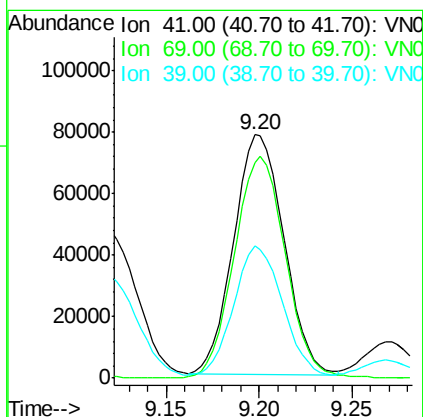
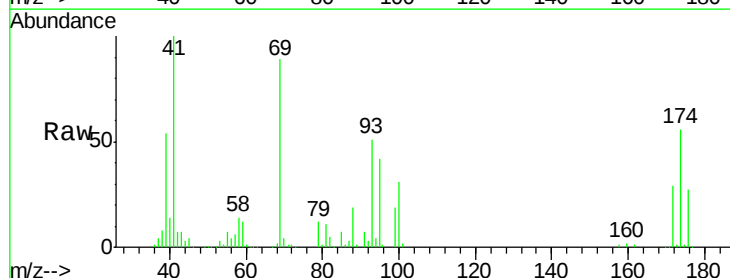
Instrument :
MSVOA_N
ClientSampleId :
VN0115WBS01

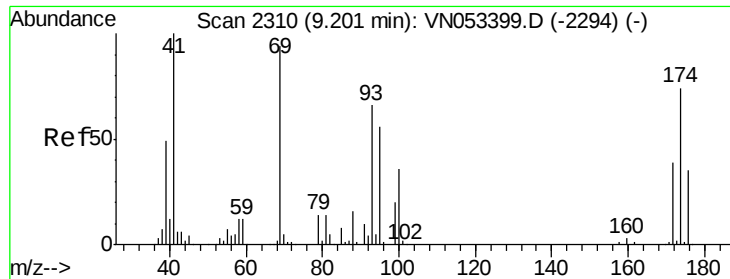
Tot Ion: 83 Resp: 253044
Ion Ratio Lower Upper
83 100
85 66.3 51.7 77.5
127 9.0 7.0 10.6



#48
Methyl methacrylate
Concen: 21.605 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN053404.D
Acq: 15 Jan 2019 13:33

Tgt Ion: 41 Resp: 146768
Ion Ratio Lower Upper
41 100
69 94.5 73.5 110.3
39 54.3 41.6 62.4

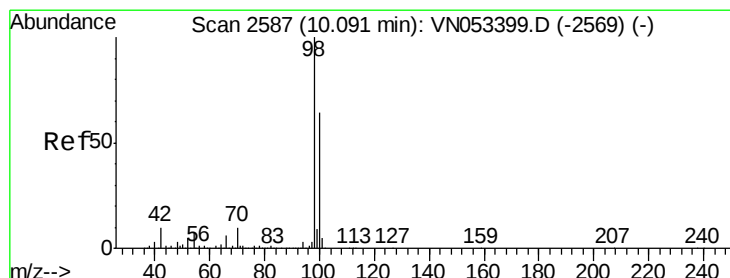
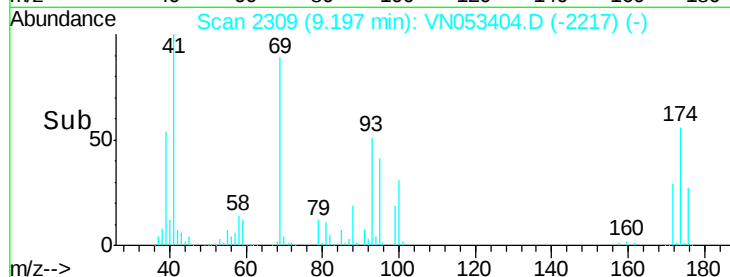
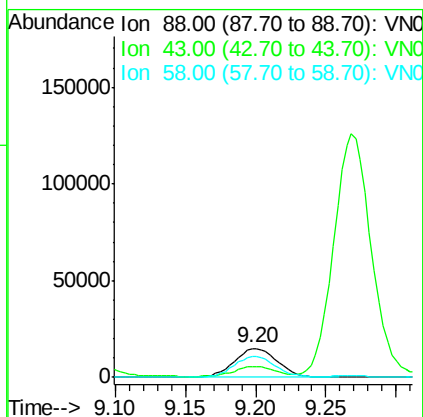
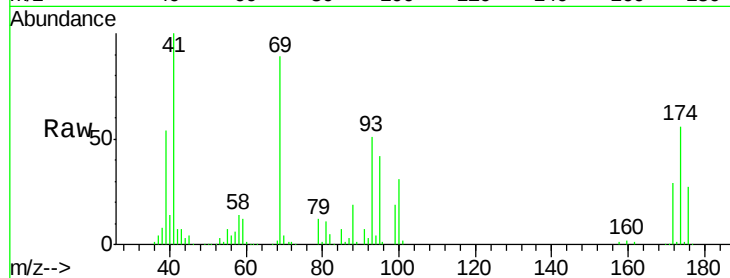




#49
 1,4-Dioxane
 Concen: 483.829 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN053404.D
 Acq: 15 Jan 2019 13:33

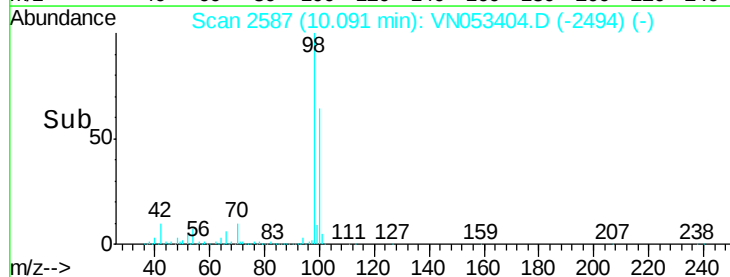
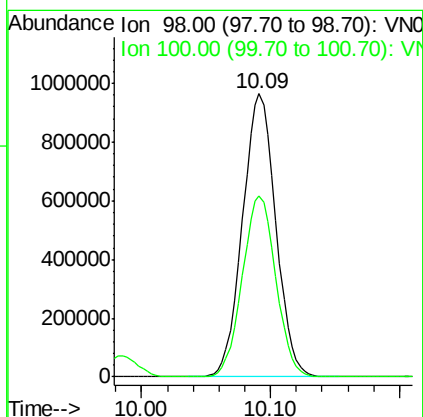
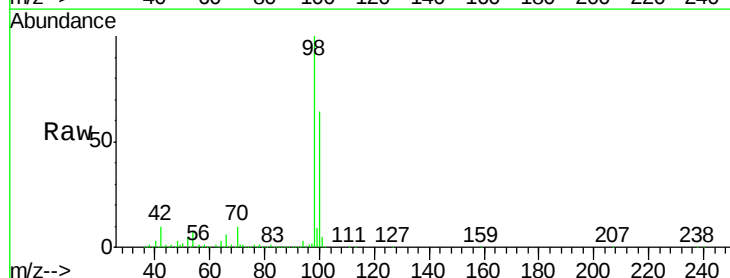
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBS01

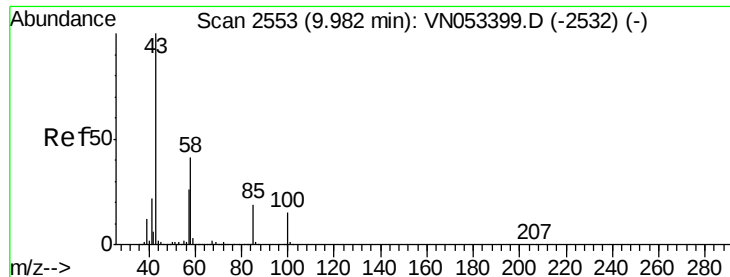
Tot Ion: 88 Resp: 32100
 Ion Ratio Lower Upper
 88 100
 43 32.9 26.2 39.4
 58 70.4 55.5 83.3



#50
 Toluene-d8
 Concen: 483.829 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN053404.D
 Acq: 15 Jan 2019 13:33

Tgt Ion: 98 Resp: 1731408
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.5 77.3

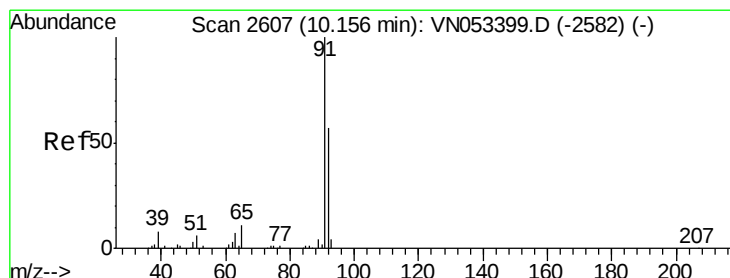
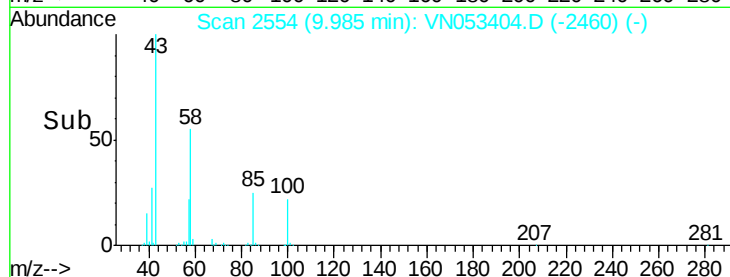
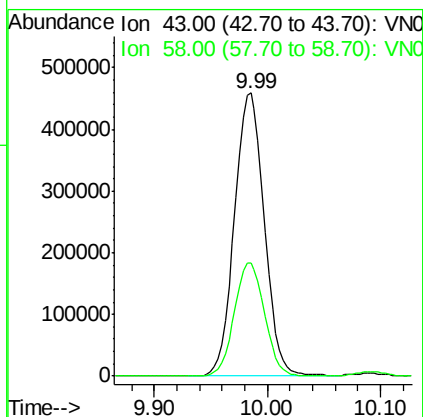
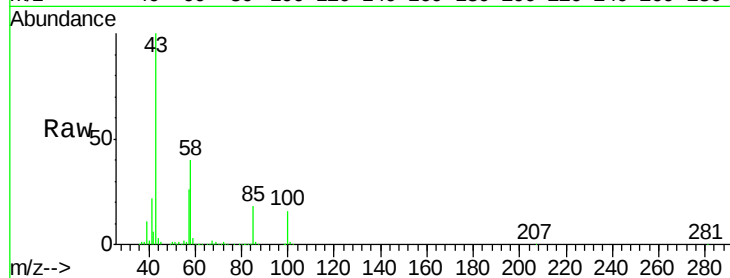




#51
 4-Methyl-2-Pentanone
 Concen: 117.117 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN053404.D
 Acq: 15 Jan 2019 13:33

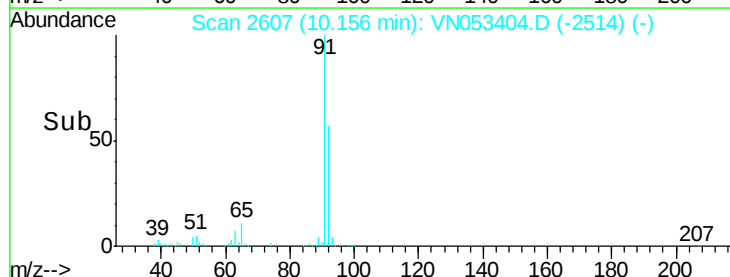
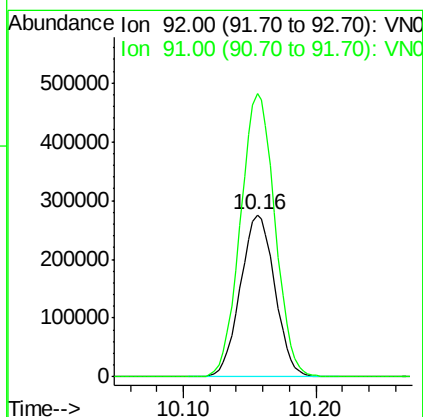
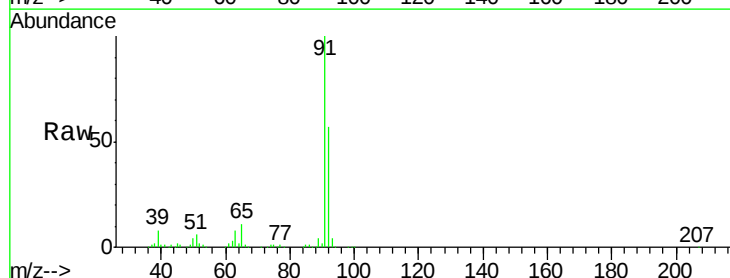
Instrument :
 MSVOA_N
 ClientSampled :
 VN0115WBS01

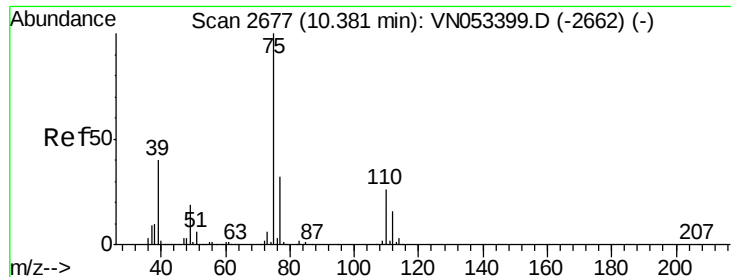
Tot Ion: 43 Resp: 841189
 Ion Ratio Lower Upper
 43 100
 58 40.7 32.7 49.1



#52
 Toluene
 Concen: 20.664 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN053404.D
 Acq: 15 Jan 2019 13:33

Tgt Ion: 92 Resp: 495810
 Ion Ratio Lower Upper
 92 100
 91 175.4 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 21.130 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN053404.D

Acq: 15 Jan 2019 13:33

Instrument :

MSVOA_N

ClientSampleId :

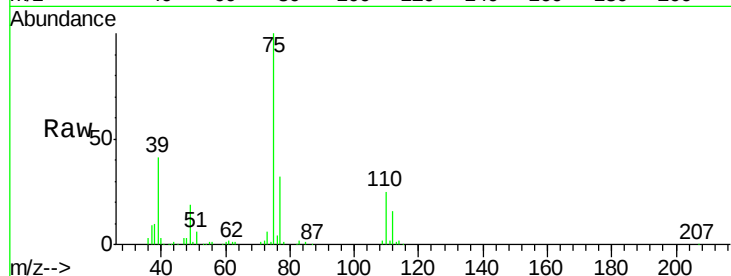
VN0115WBS01

Tot Ion: 75 Resp: 264899

Ion Ratio Lower Upper

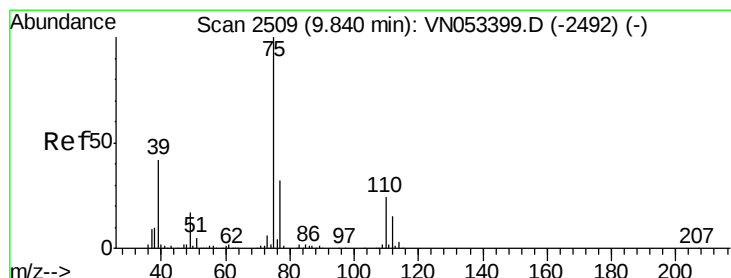
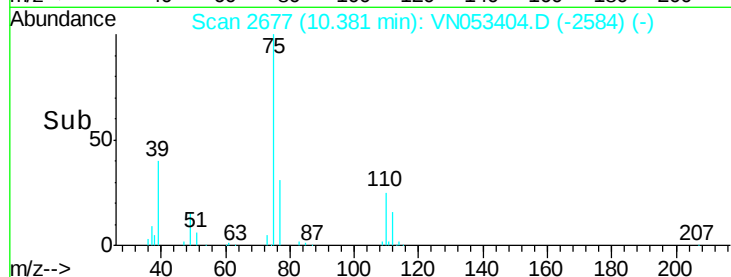
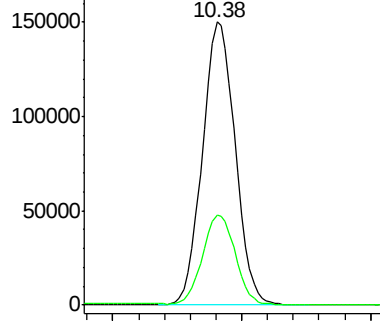
75 100

77 31.4 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 20.948 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN053404.D

Acq: 15 Jan 2019 13:33

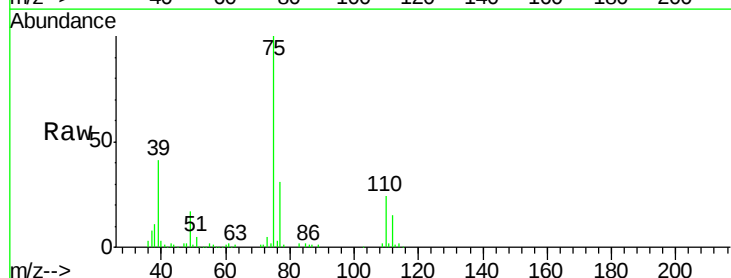
Tgt Ion: 75 Resp: 307863

Ion Ratio Lower Upper

75 100

77 30.7 25.1 37.7

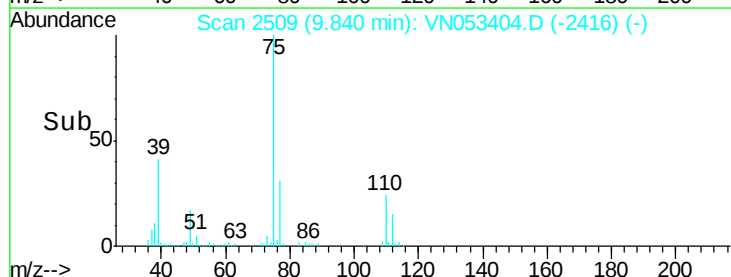
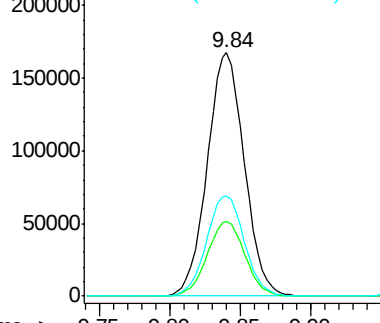
39 41.4 33.1 49.7

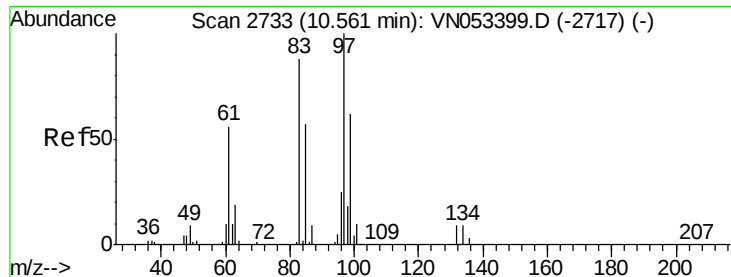


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 21.739 ug/l

RT: 10.56 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN053404.D

Acq: 15 Jan 2019 13:33

Instrument :

MSVOA_N

ClientSampled :

VN0115WBS01

Tot Ion: 97 Resp: 179826

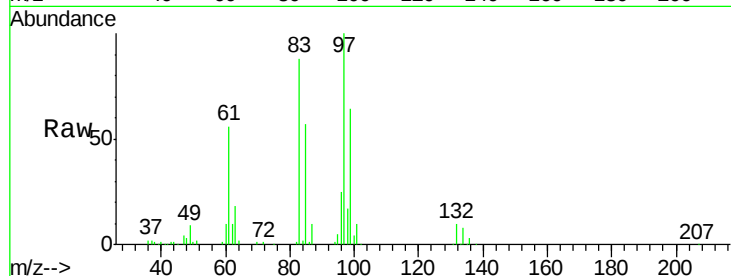
Ion Ratio Lower Upper

97 100

83 87.6 69.1 103.7

85 56.7 44.2 66.4

99 63.8 50.3 75.5

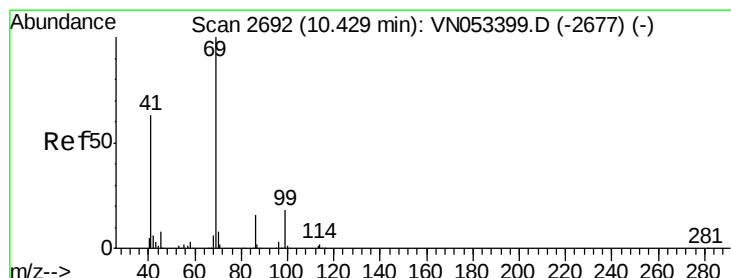
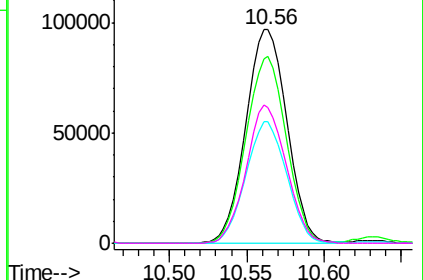
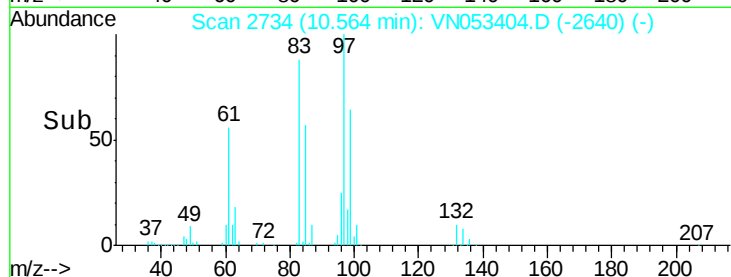


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 21.269 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN053404.D

Acq: 15 Jan 2019 13:33

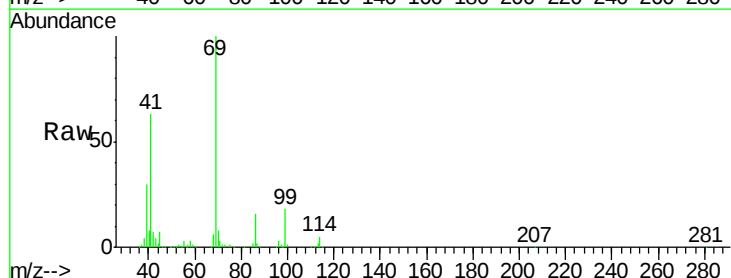
Tgt Ion: 69 Resp: 235216

Ion Ratio Lower Upper

69 100

41 62.5 49.2 73.8

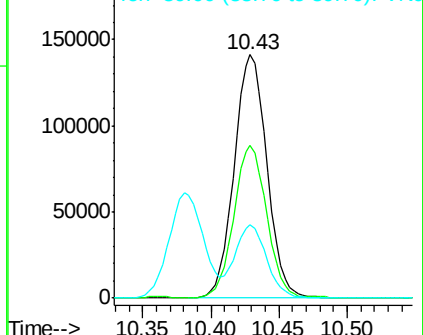
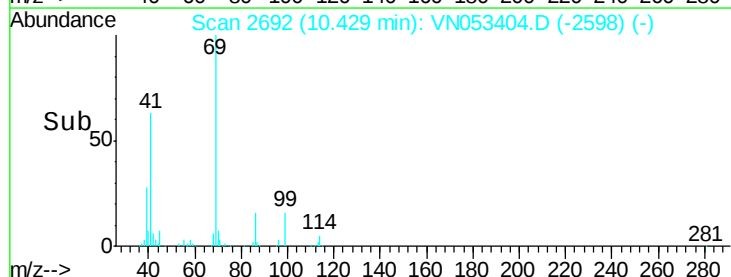
39 29.5 23.4 35.0

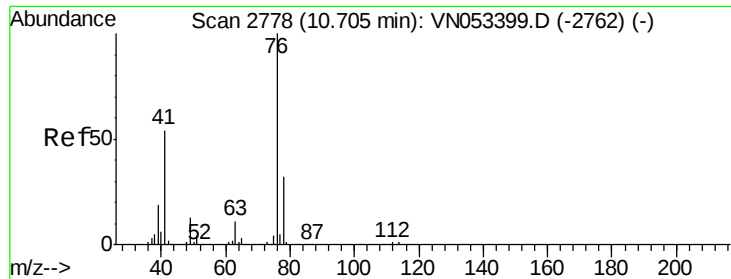


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

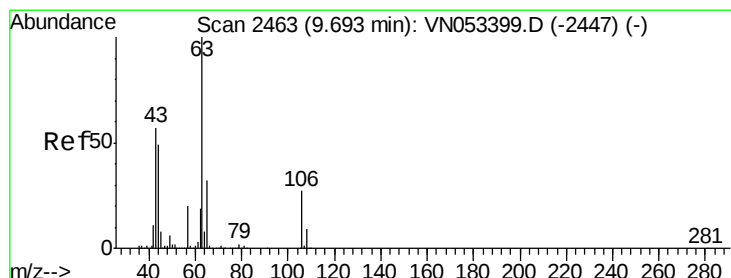
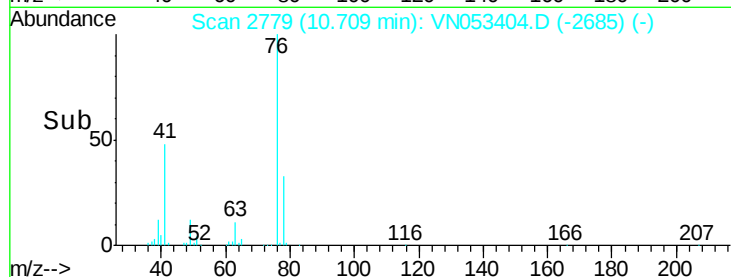
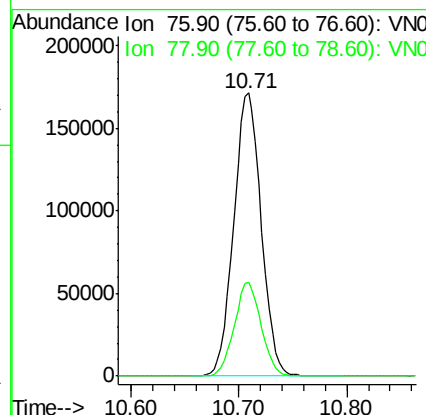
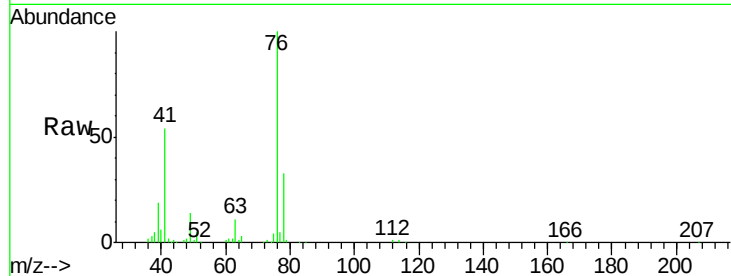




#57
 1,3-Dichloropropane
 Concen: 21.226 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN053404.D
 Acq: 15 Jan 2019 13:33

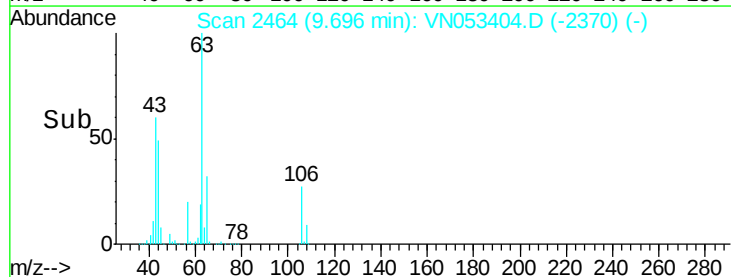
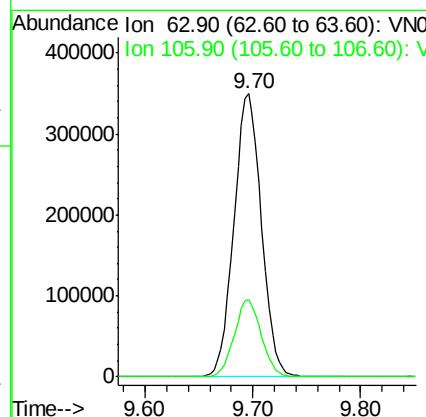
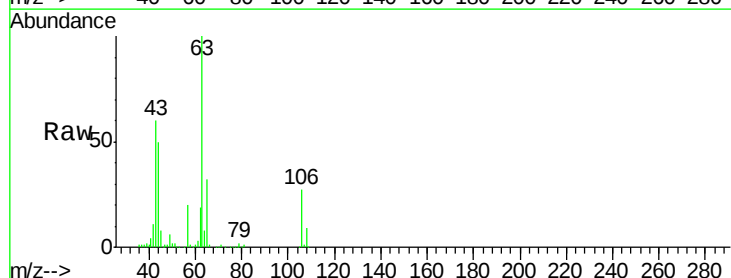
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBS01

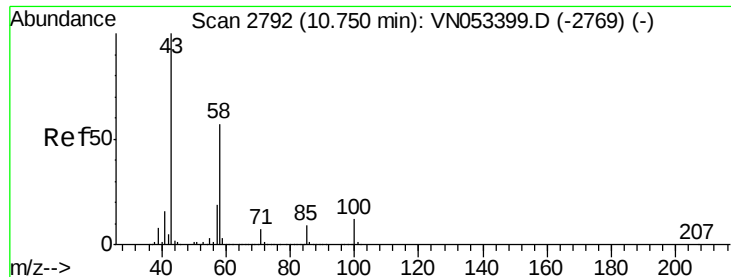
Tot Ion: 76 Resp: 303748
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 107.293 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN053404.D
 Acq: 15 Jan 2019 13:33

Tgt Ion: 63 Resp: 620922
 Ion Ratio Lower Upper
 63 100
 106 26.9 21.7 32.5

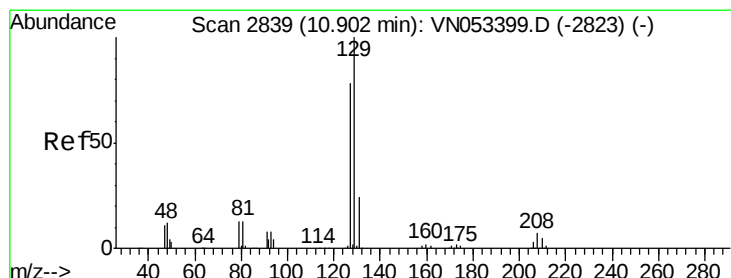
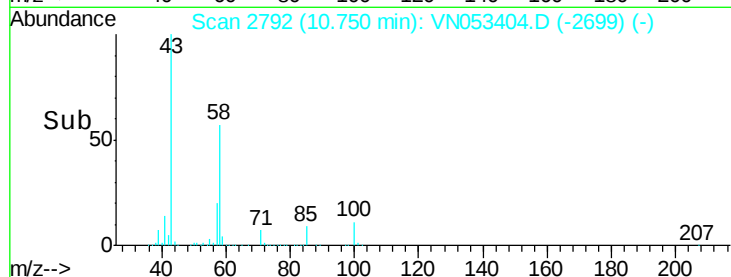
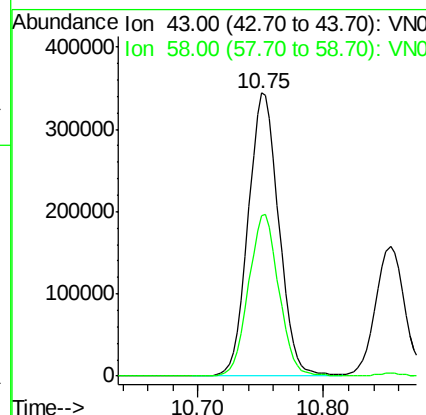
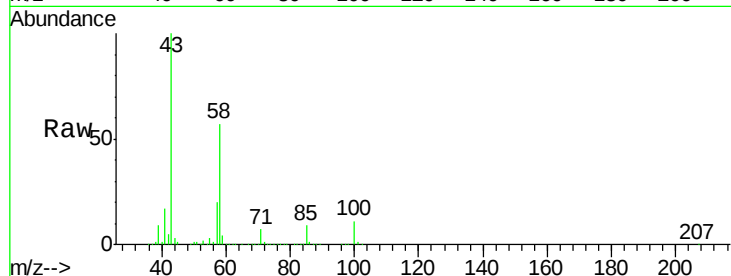




#59
2-Hexanone
Concen: 115.920 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN053404.D
Acq: 15 Jan 2019 13:33

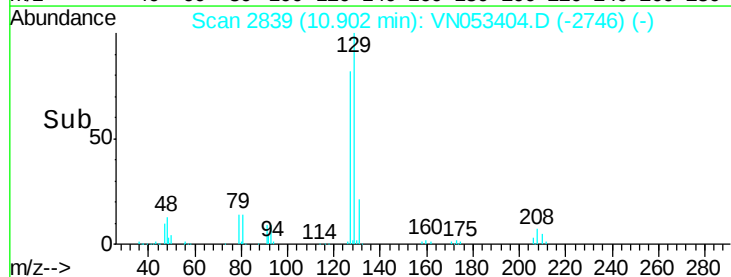
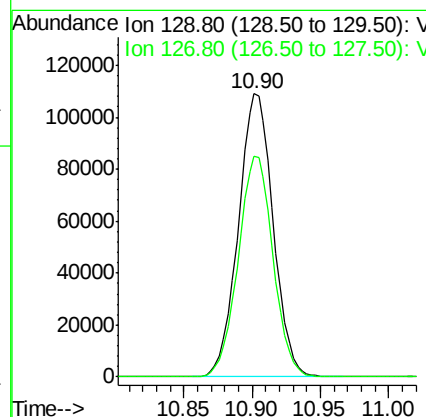
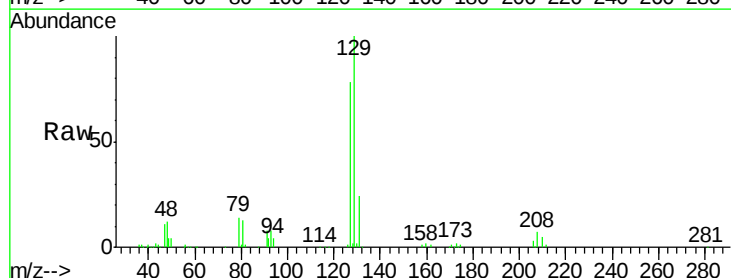
Instrument :
MSVOA_N
ClientSampleId :
VN0115WBS01

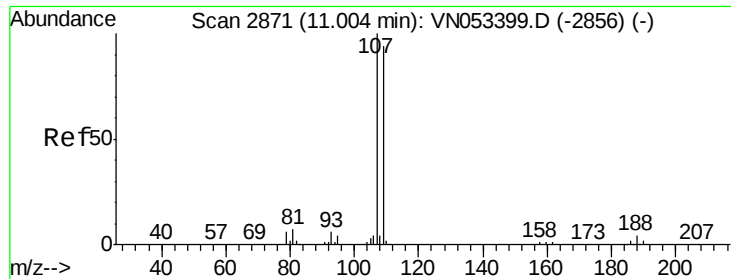
Tot Ion: 43 Resp: 584466
Ion Ratio Lower Upper
43 100
58 56.7 28.3 85.0



#60
Dibromochloromethane
Concen: 20.507 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN053404.D
Acq: 15 Jan 2019 13:33

Tgt Ion: 129 Resp: 192404
Ion Ratio Lower Upper
129 100
127 78.0 38.4 115.2

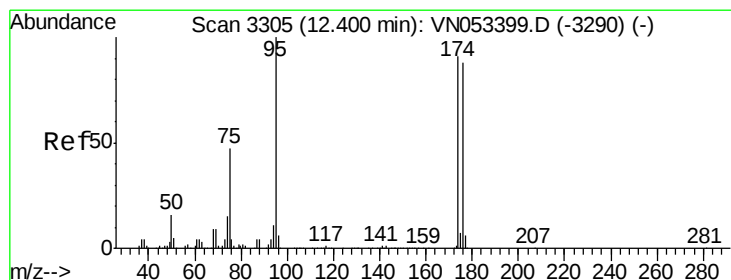
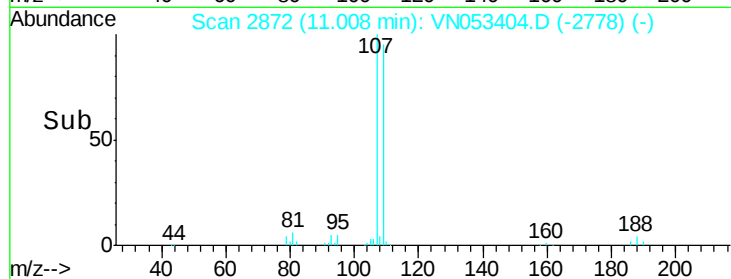
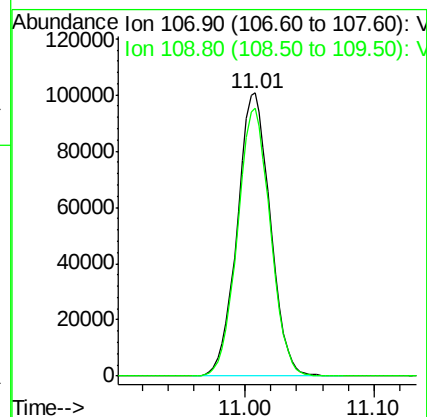
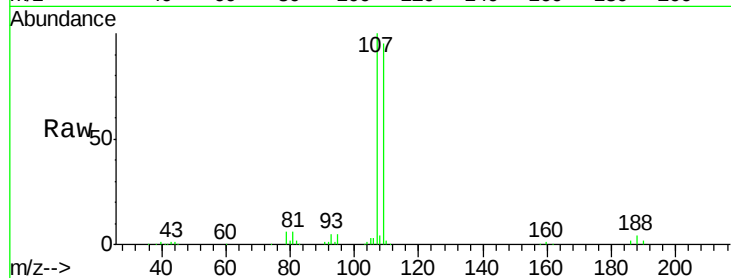




#61
 1,2-Dibromoethane
 Concen: 21.402 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN053404.D
 Acq: 15 Jan 2019 13:33

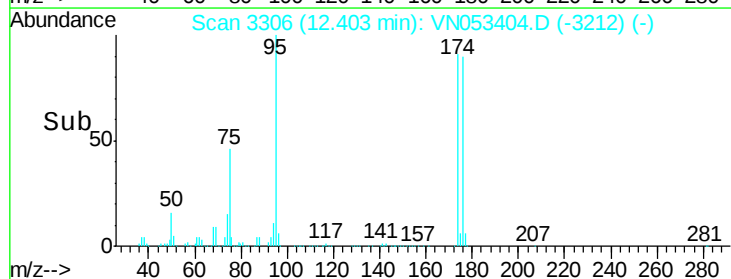
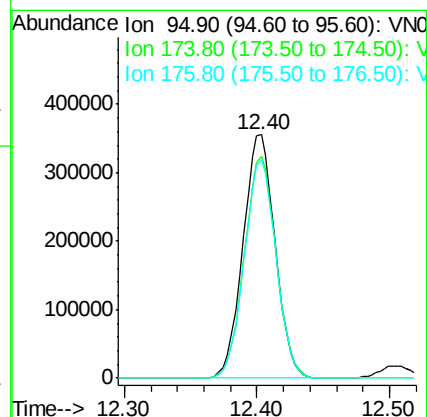
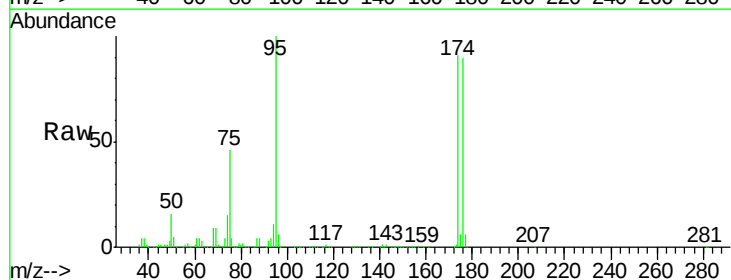
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBS01

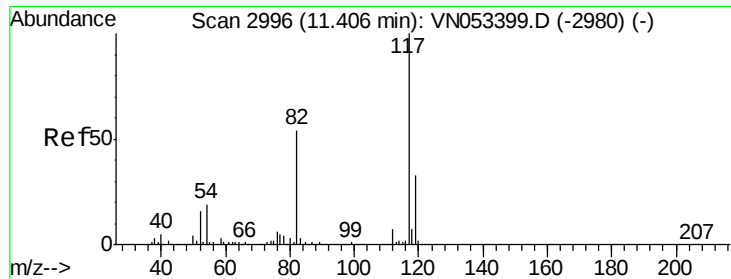
Tot Ion:107 Resp: 179054
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 21.402 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN053404.D
 Acq: 15 Jan 2019 13:33

Tgt Ion: 95 Resp: 595546
 Ion Ratio Lower Upper
 95 100
 174 90.6 0.0 180.4
 176 88.9 0.0 175.6

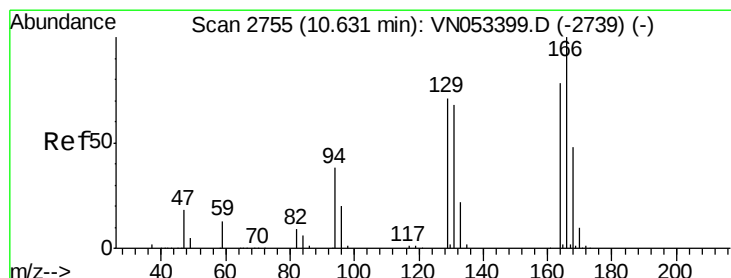
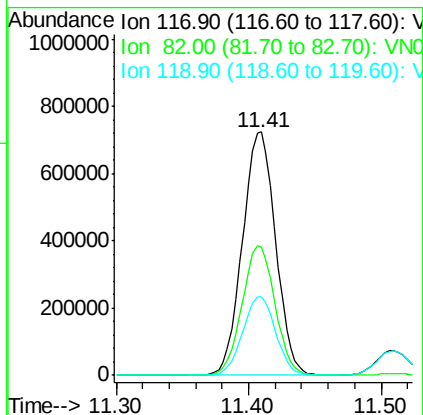
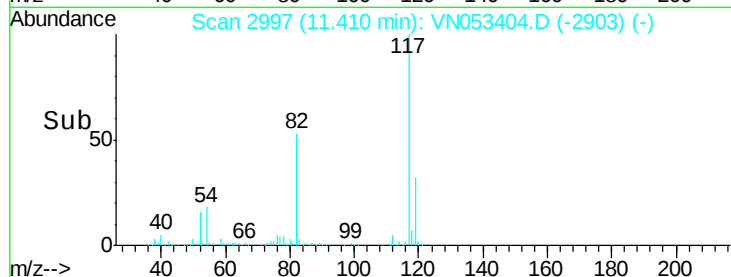
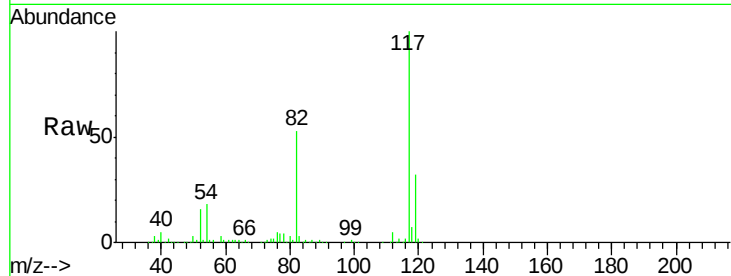




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053404.D
Acq: 15 Jan 2019 13:33

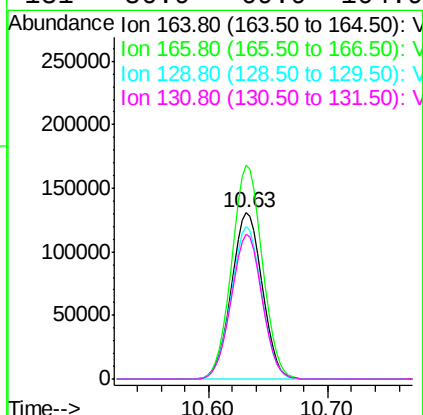
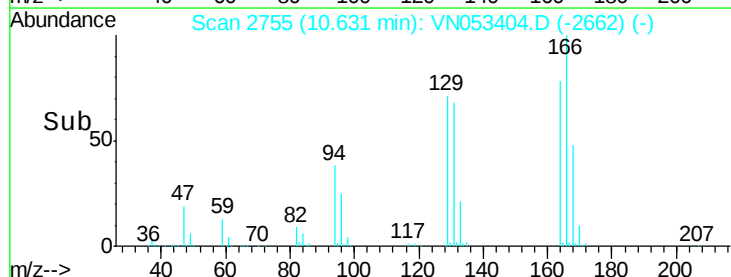
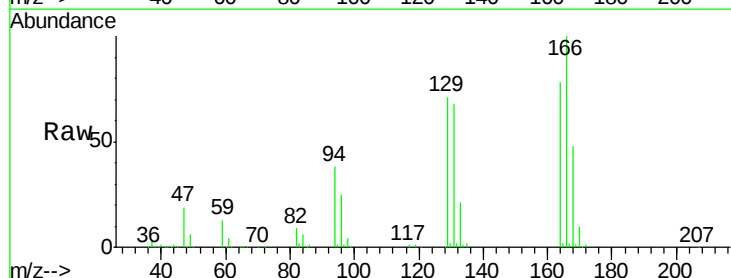
Instrument :
MSVOA_N
ClientSampleId :
VN0115WBS01

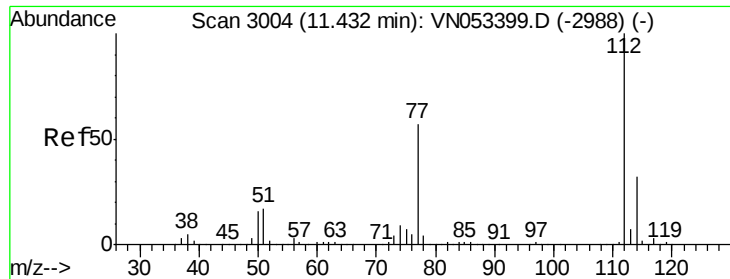
Tot Ion:117 Resp: 1257510
Ion Ratio Lower Upper
117 100
82 52.6 42.9 64.3
119 32.3 25.6 38.4



#64
Tetrachloroethene
Concen: 19.805 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN053404.D
Acq: 15 Jan 2019 13:33

Tgt Ion:164 Resp: 234698
Ion Ratio Lower Upper
164 100
166 128.4 101.7 152.5
129 91.8 72.1 108.1
131 86.9 69.9 104.9

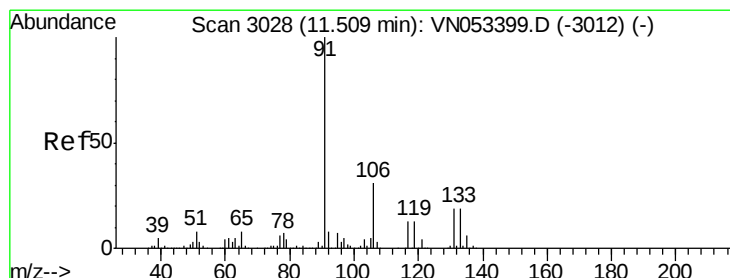
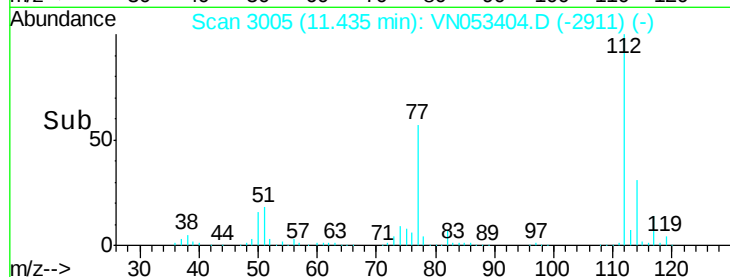
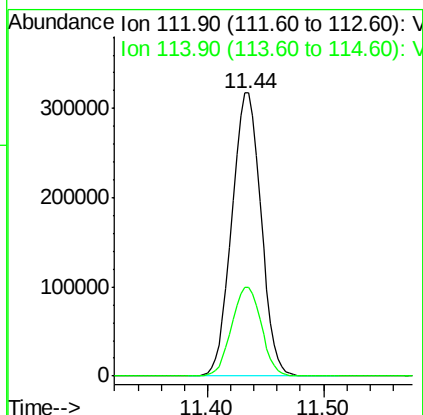
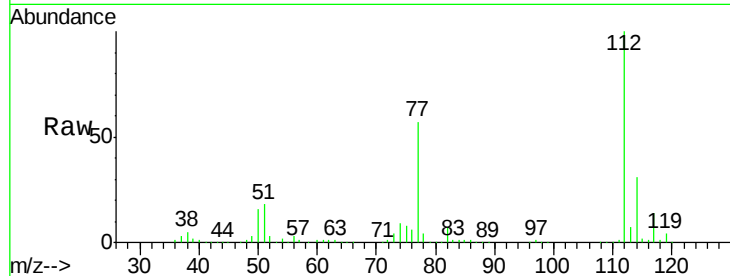




#65
Chlorobenzene
Concen: 20.726 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN053404.D
Acq: 15 Jan 2019 13:33

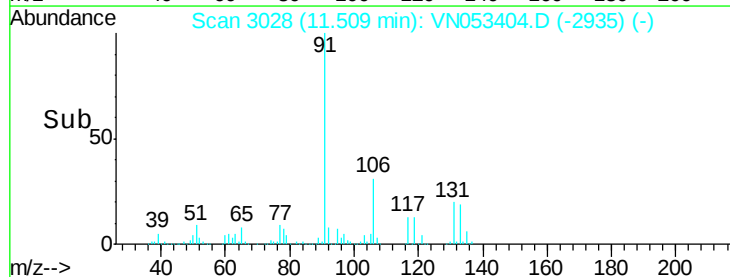
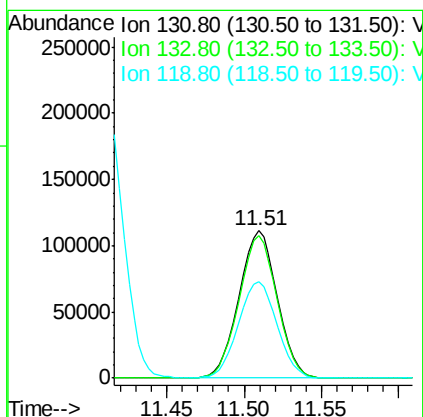
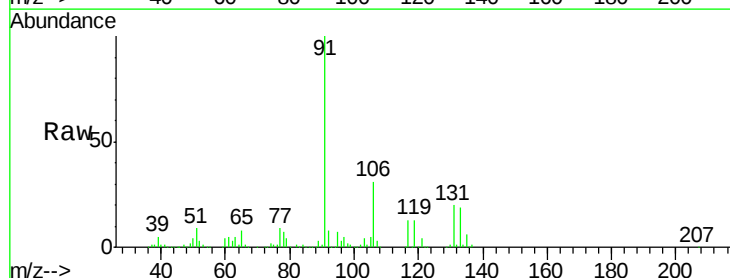
Instrument :
MSVOA_N
ClientSampleId :
VN0115WBS01

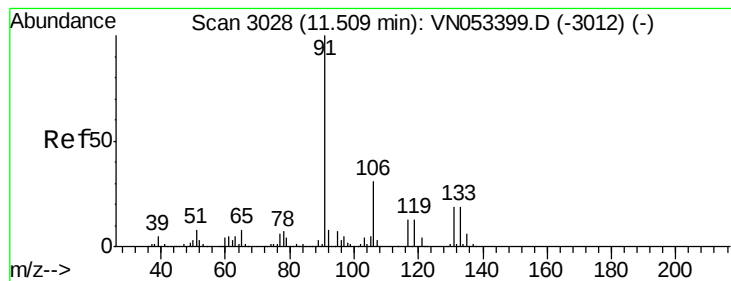
Tot Ion:112 Resp: 551675
Ion Ratio Lower Upper
112 100
114 31.5 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.681 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053404.D
Acq: 15 Jan 2019 13:33

Tgt Ion:131 Resp: 191505
Ion Ratio Lower Upper
131 100
133 96.3 48.0 144.0
119 66.2 33.3 99.9





#67

Ethyl Benzene

Concen: 20.821 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN053404.D

Acq: 15 Jan 2019 13:33

Instrument :

MSVOA_N

ClientSampled :

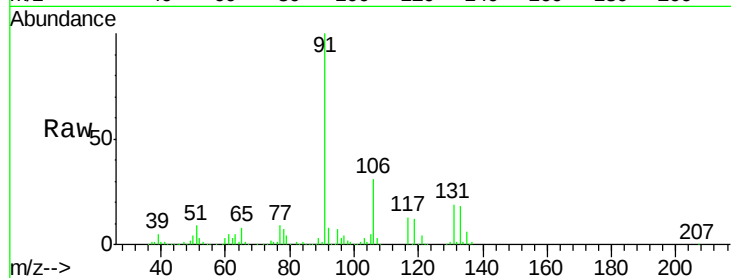
VN0115WBS01

Tot Ion: 91 Resp: 944507

Ion Ratio Lower Upper

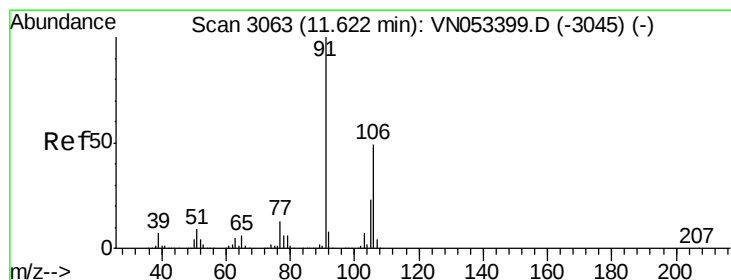
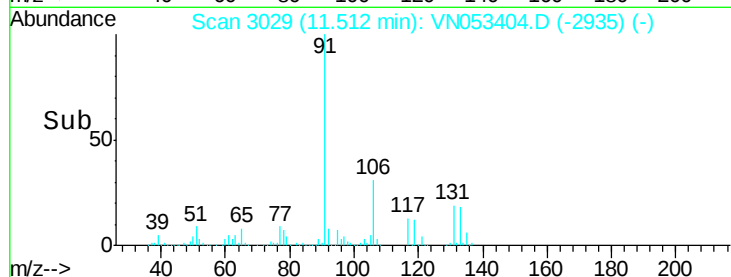
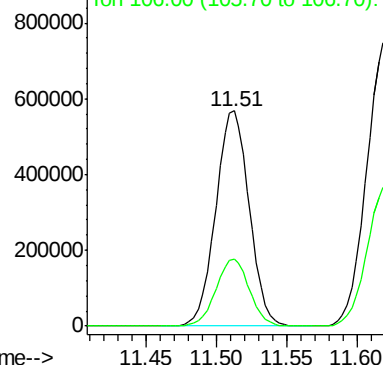
91 100

106 31.3 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 42.034 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. -0.00 min

Lab File: VN053404.D

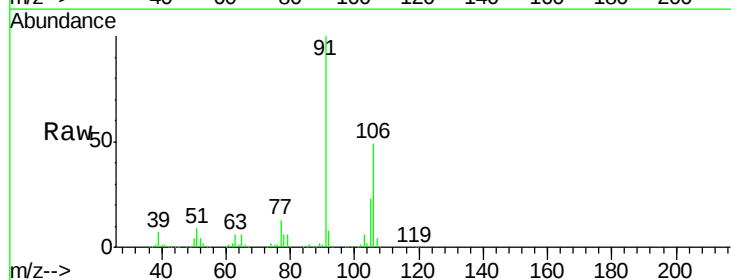
Acq: 15 Jan 2019 13:33

Tgt Ion: 106 Resp: 719906

Ion Ratio Lower Upper

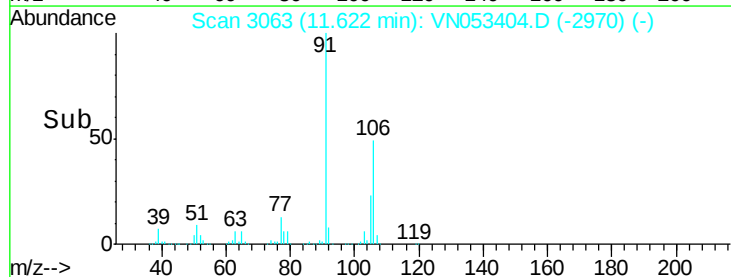
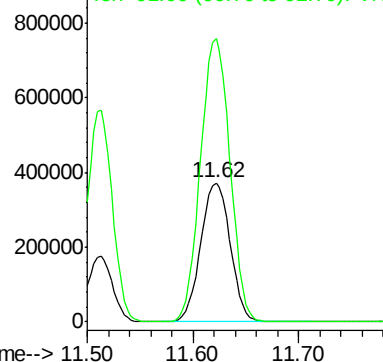
106 100

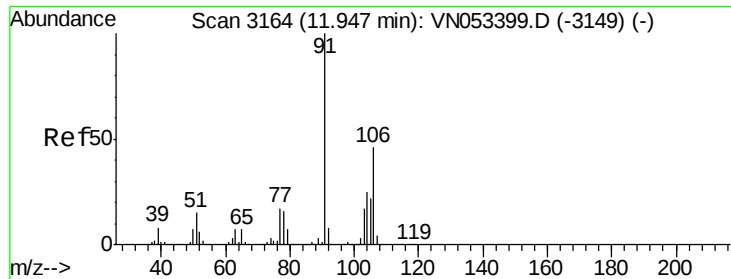
91 203.5 161.4 242.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

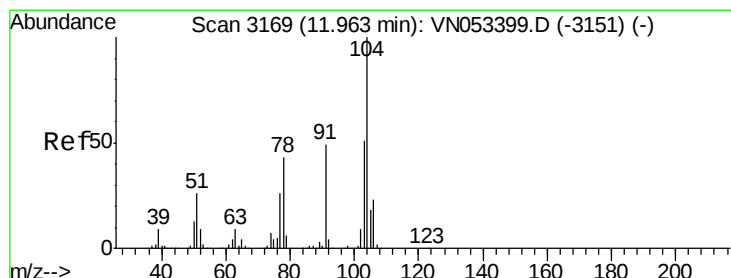
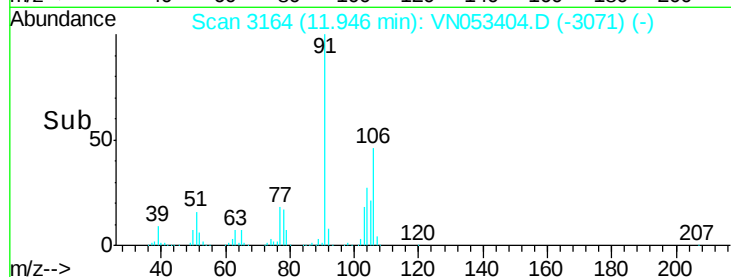
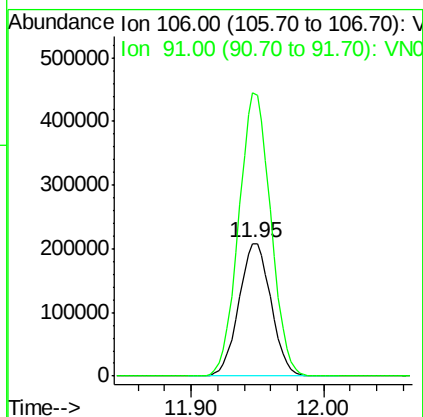
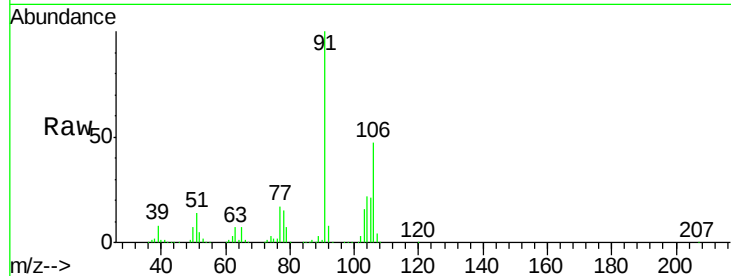




#69
o-Xylene
Concen: 21.015 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN053404.D
Acq: 15 Jan 2019 13:33

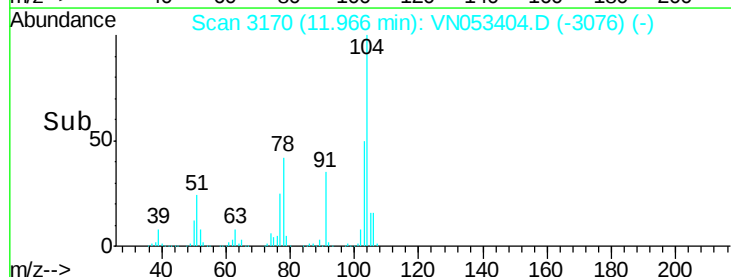
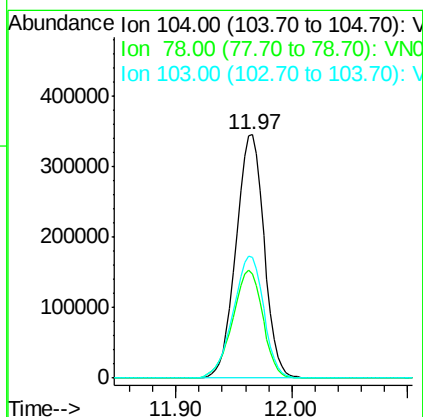
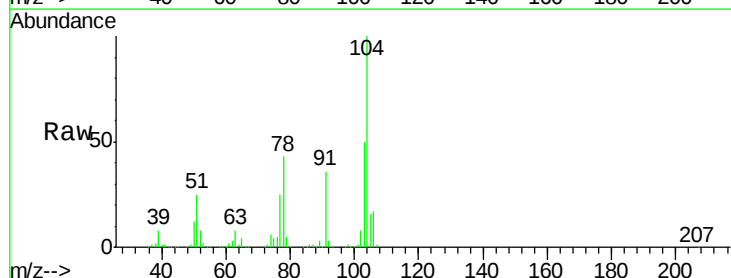
Instrument :
MSVOA_N
ClientSampled :
VN0115WBS01

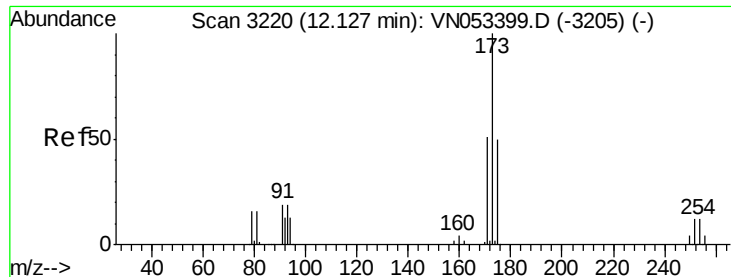
Tot Ion:106 Resp: 349736
Ion Ratio Lower Upper
106 100
91 212.9 106.8 320.4



#70
Styrene
Concen: 21.473 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN053404.D
Acq: 15 Jan 2019 13:33

Tgt Ion:104 Resp: 579984
Ion Ratio Lower Upper
104 100
78 47.8 38.5 57.7
103 54.6 44.5 66.7

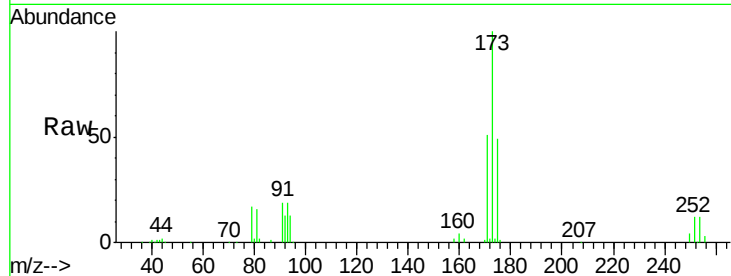




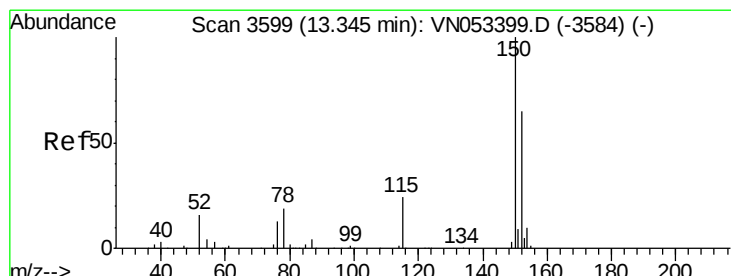
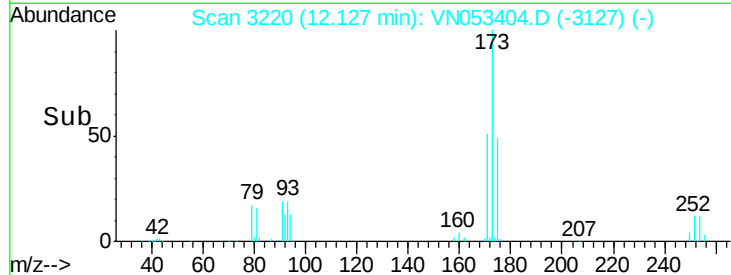
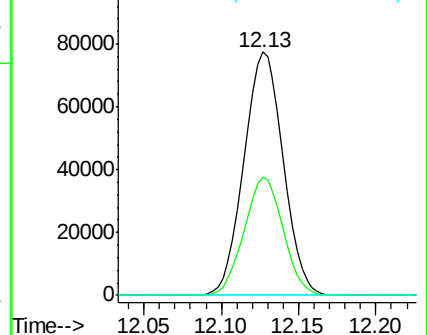
#71
Bromoform
Concen: 21.468 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN053404.D
Acq: 15 Jan 2019 13:33

Instrument :
MSVOA_N
ClientSampled :
VN0115WBS01

Tot Ion:173 Resp: 136853
Ion Ratio Lower Upper
173 100
175 48.1 24.3 72.8
254 0.0 0.2 0.2#

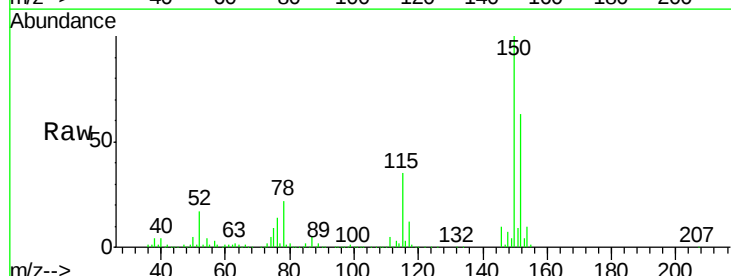


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

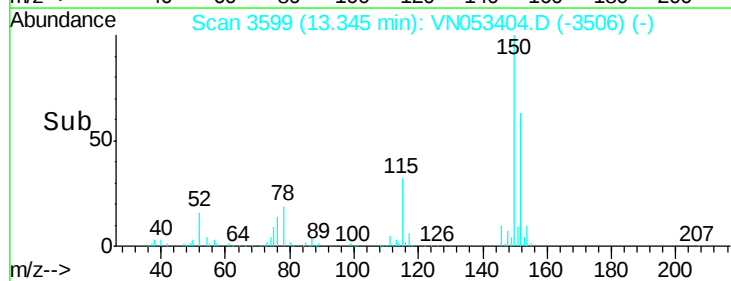
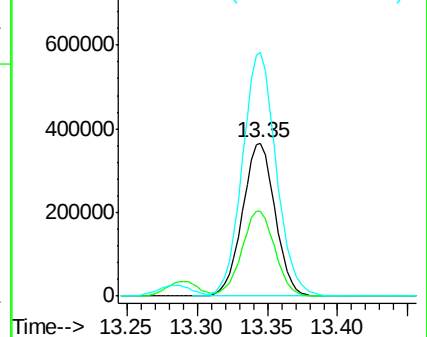


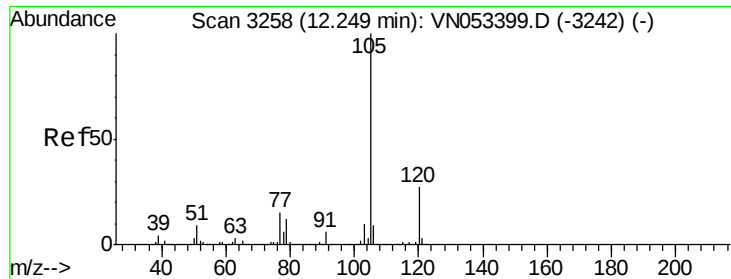
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN053404.D
Acq: 15 Jan 2019 13:33

Tgt Ion:152 Resp: 592049
Ion Ratio Lower Upper
152 100
115 56.1 28.0 84.0
150 165.0 0.0 346.6



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: 21.518 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053404.D

Acq: 15 Jan 2019 13:33

Instrument :

MSVOA_N

ClientSampleId :

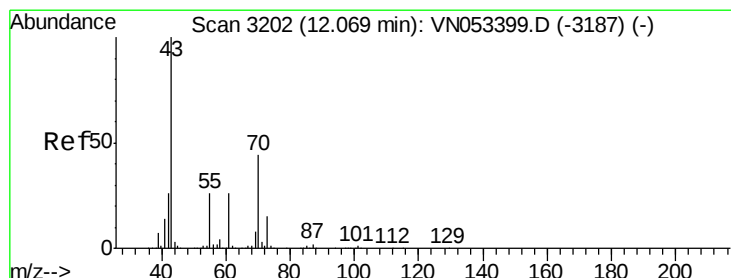
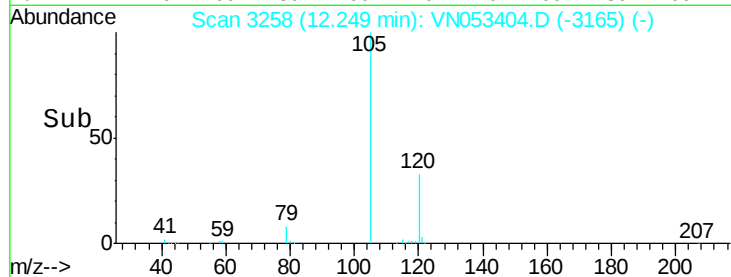
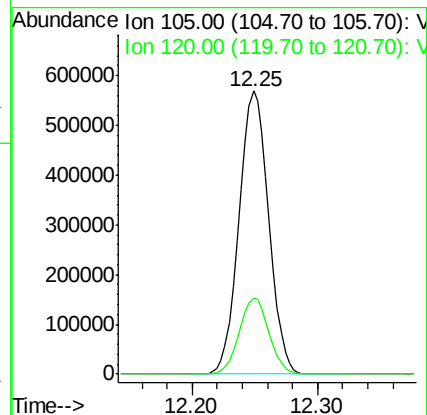
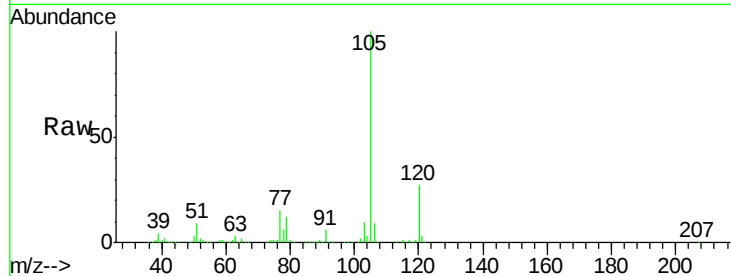
VN0115WBS01

Tot Ion:105 Resp: 932937

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



#74

N-ethyl acetate

Concen: 22.878 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN053404.D

Acq: 15 Jan 2019 13:33

Tgt Ion: 43 Resp: 264421

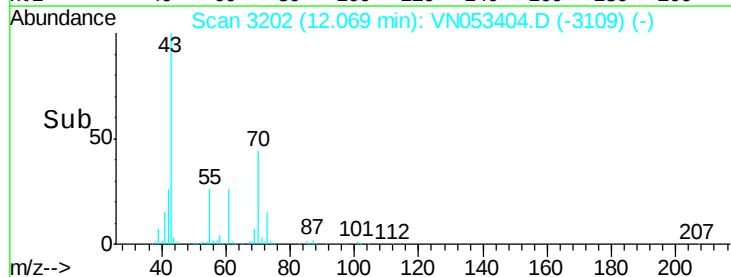
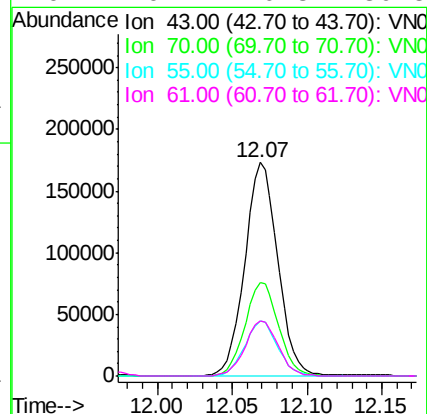
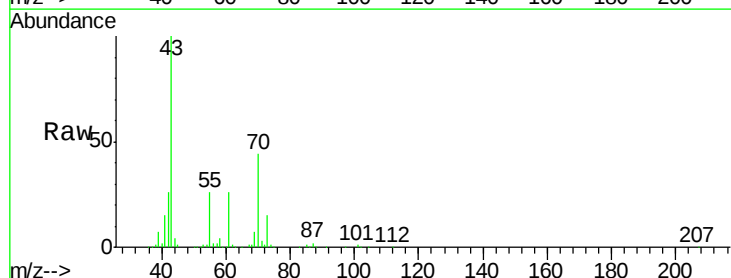
Ion Ratio Lower Upper

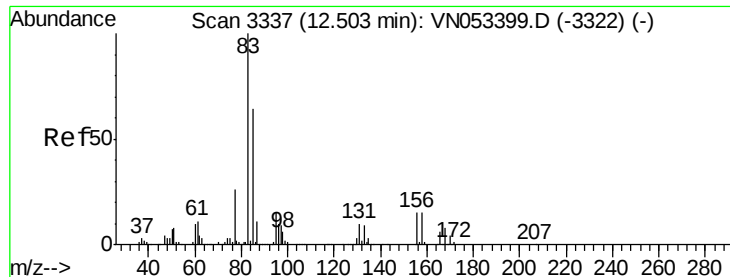
43 100

70 44.6 35.0 52.6

55 25.8 20.0 30.0

61 26.1 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 23.059 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN053404.D

Acq: 15 Jan 2019 13:33

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBS01

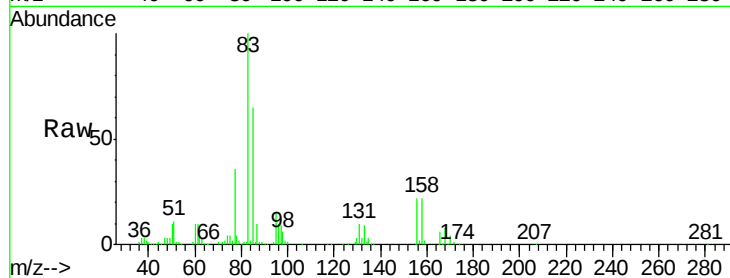
Tot Ion: 83 Resp: 209676

Ion Ratio Lower Upper

83 100

131 10.4 5.3 15.9

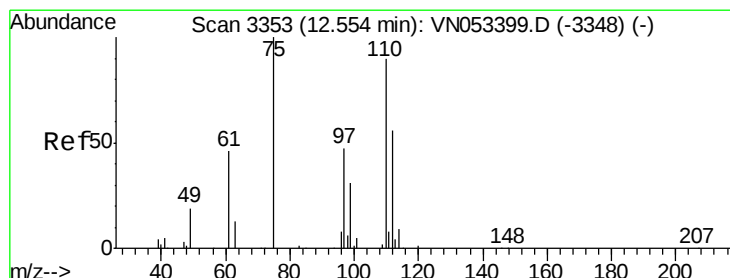
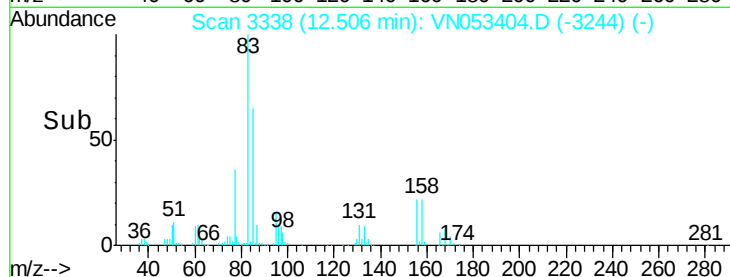
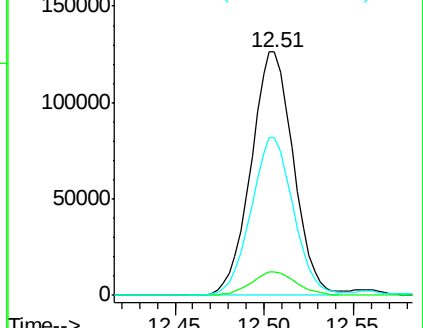
85 65.0 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 37.074 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN053404.D

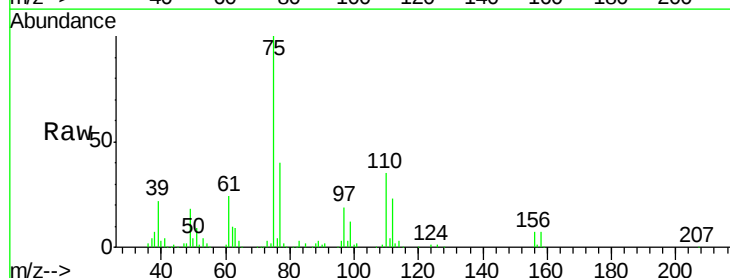
Acq: 15 Jan 2019 13:33

Tgt Ion: 75 Resp: 276362

Ion Ratio Lower Upper

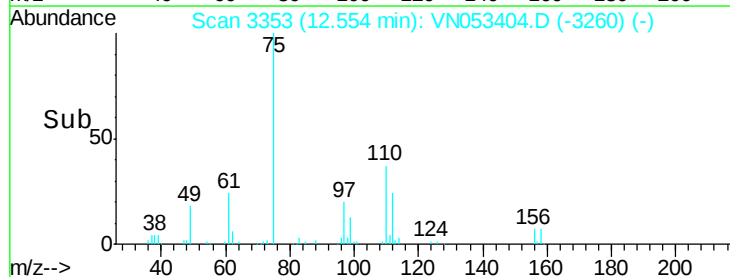
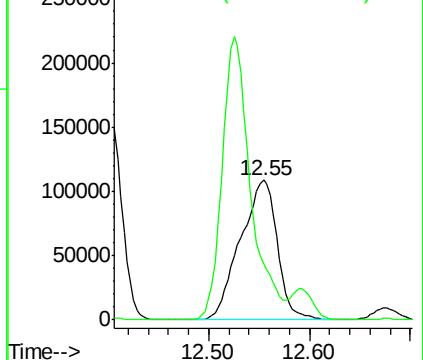
75 100

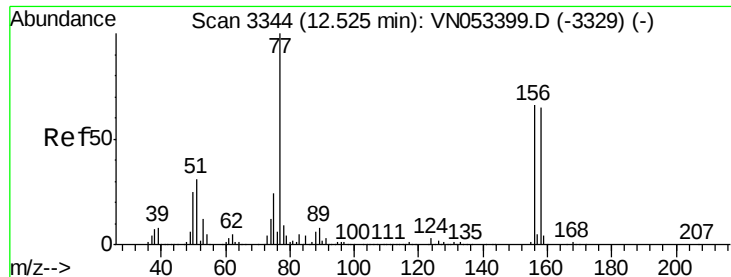
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 21.420 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN053404.D

Acq: 15 Jan 2019 13:33

Instrument :

MSVOA_N

ClientSampled :

VN0115WBS01

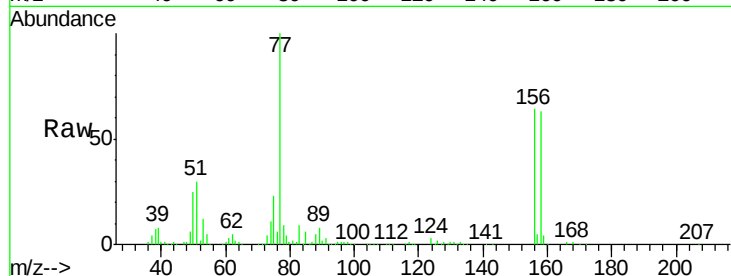
Tot Ion:156 Resp: 244715

Ion Ratio Lower Upper

156 100

77 178.0 89.3 268.1

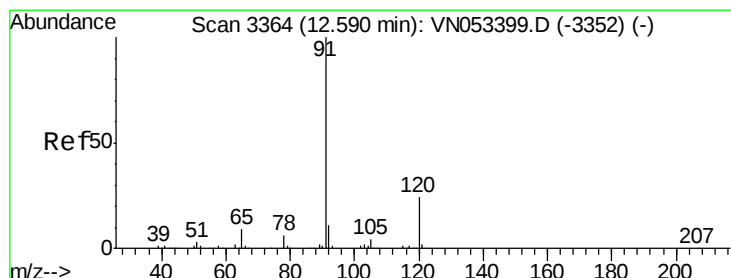
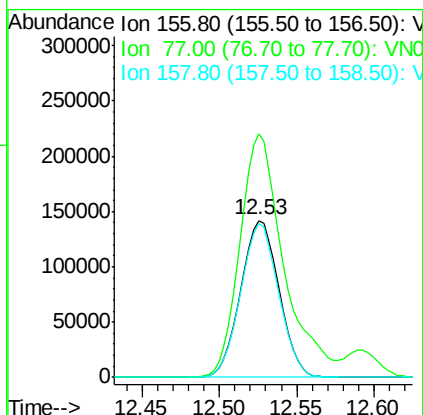
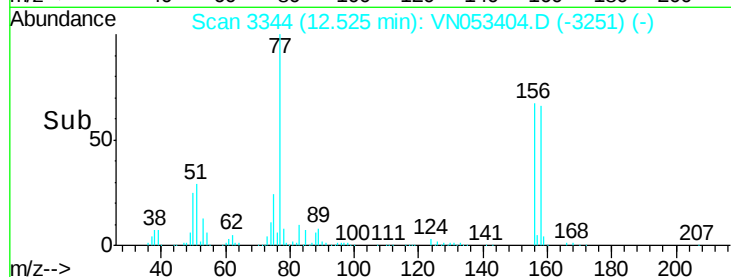
158 97.0 48.9 146.8



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: 21.419 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053404.D

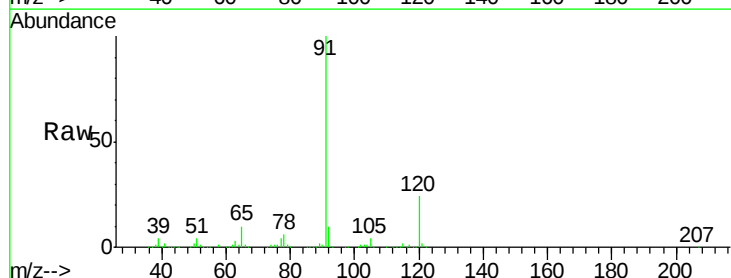
Acq: 15 Jan 2019 13:33

Tgt Ion: 91 Resp: 1065980

Ion Ratio Lower Upper

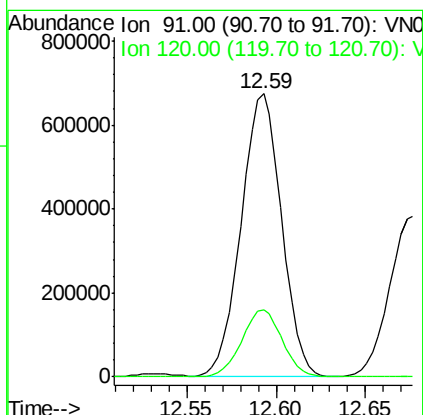
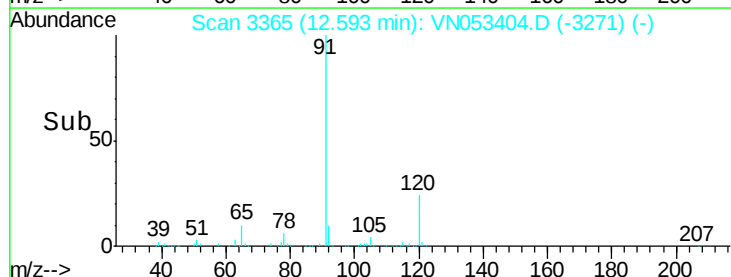
91 100

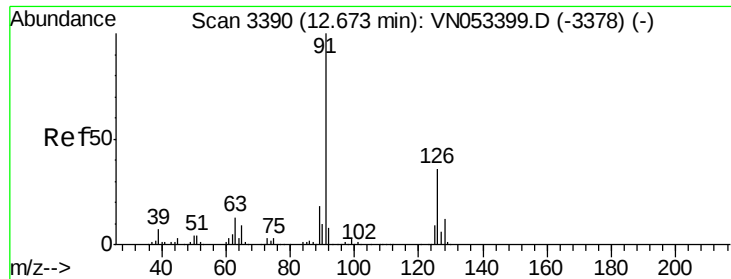
120 23.7 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.340 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN053404.D

Acq: 15 Jan 2019 13:33

Instrument :

MSVOA_N

ClientSampled :

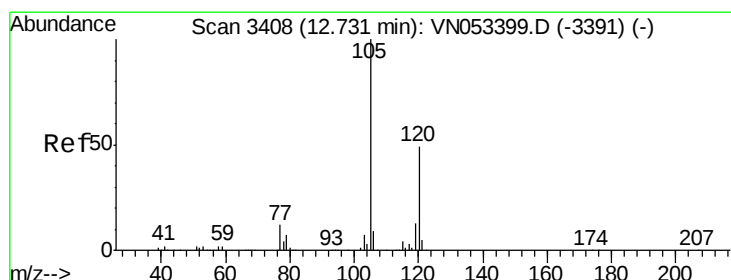
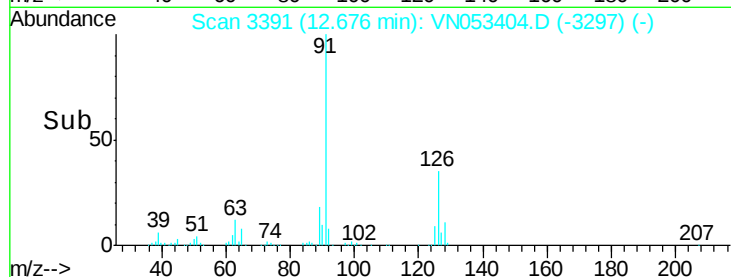
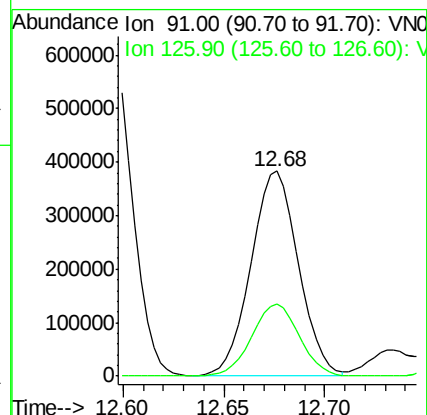
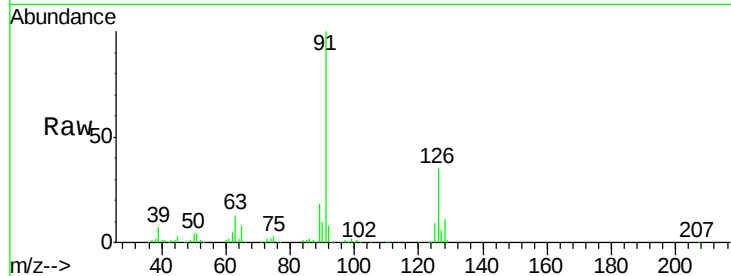
VN0115WBS01

Tot Ion: 91 Resp: 629524

Ion Ratio Lower Upper

91 100

126 35.4 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 21.297 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053404.D

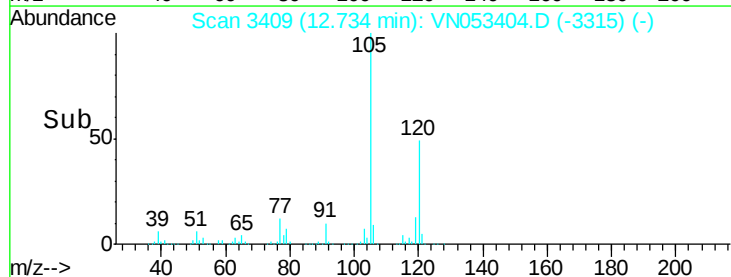
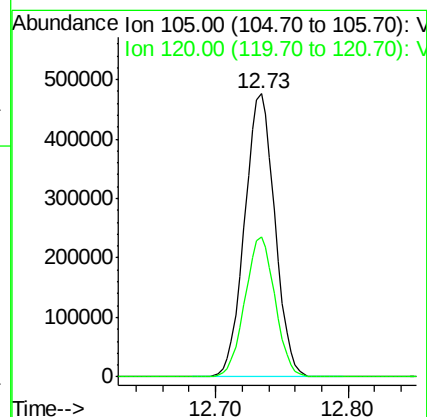
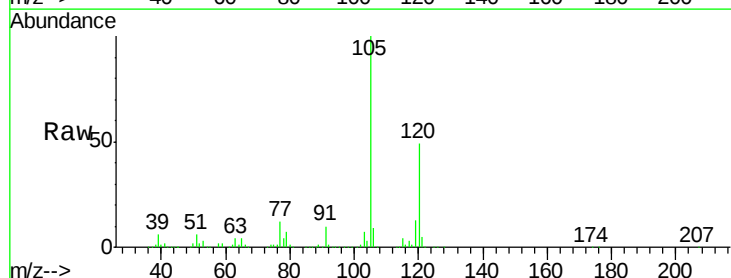
Acq: 15 Jan 2019 13:33

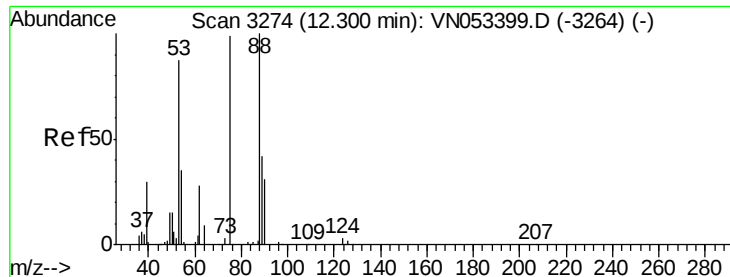
Tgt Ion: 105 Resp: 751273

Ion Ratio Lower Upper

105 100

120 49.3 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 21.783 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN053404.D

Acq: 15 Jan 2019 13:33

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBS01

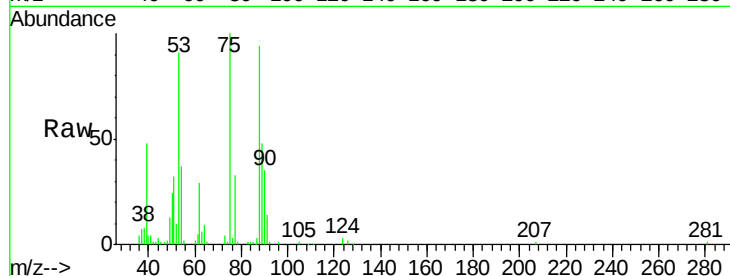
Tot Ion: 75 Resp: 62512

Ion Ratio Lower Upper

75 100

53 88.1 70.5 105.7

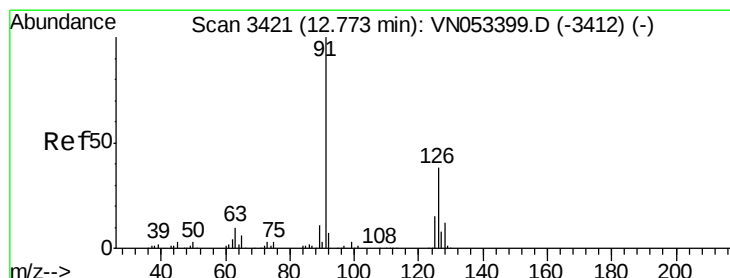
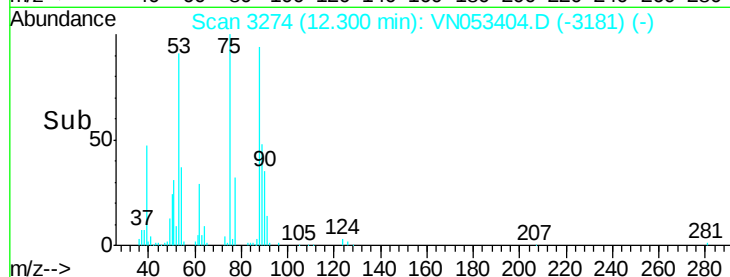
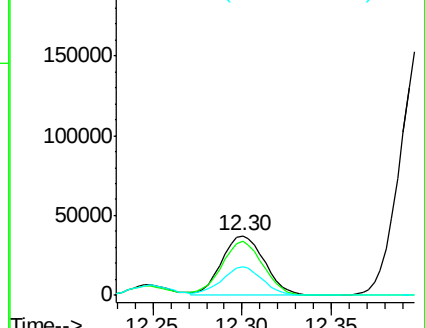
89 45.1 35.4 53.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 21.182 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN053404.D

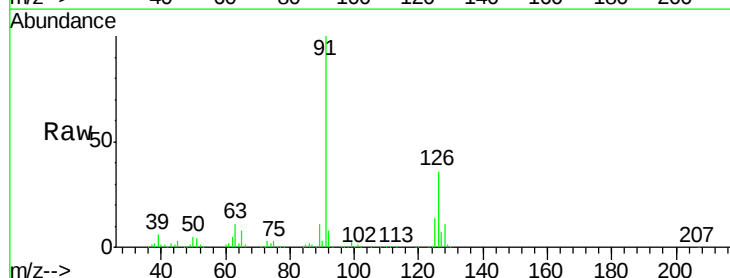
Acq: 15 Jan 2019 13:33

Tgt Ion: 91 Resp: 637217

Ion Ratio Lower Upper

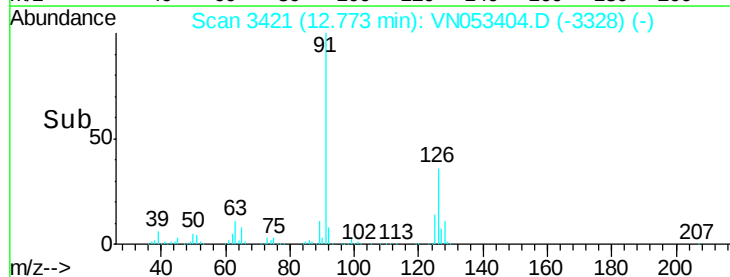
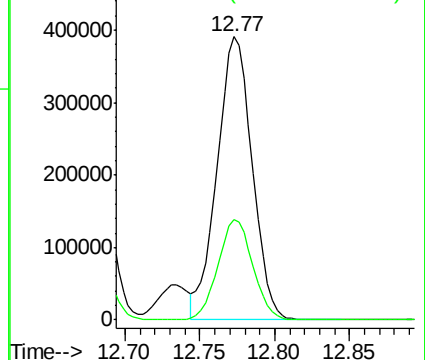
91 100

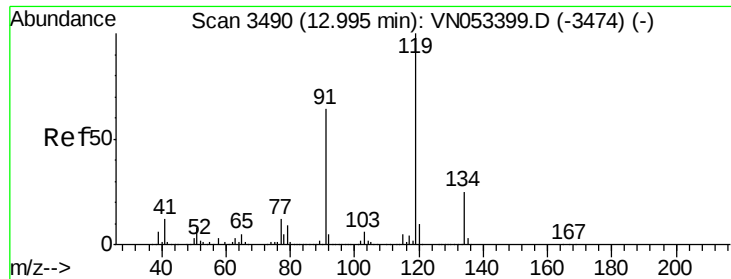
126 35.2 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

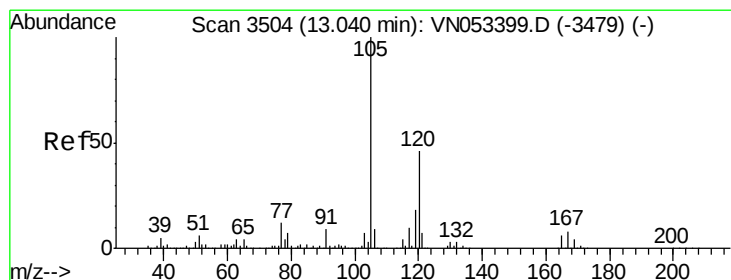
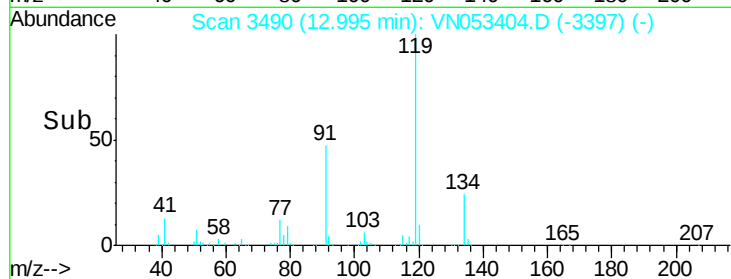
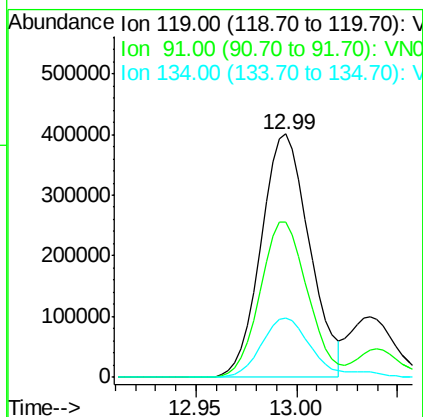
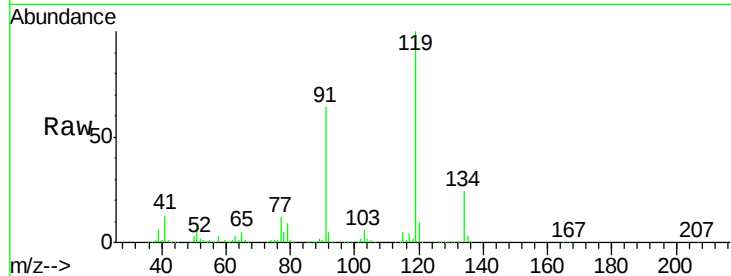




#83
 tert-Butylbenzene
 Concen: 21.525 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN053404.D
 Acq: 15 Jan 2019 13:33

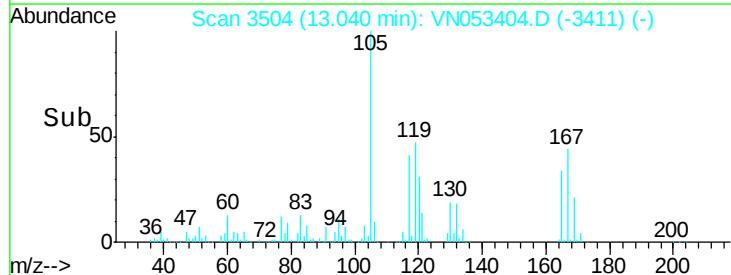
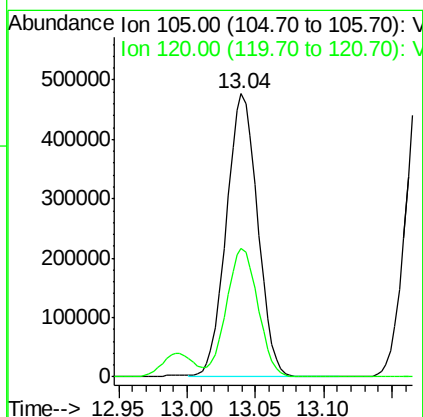
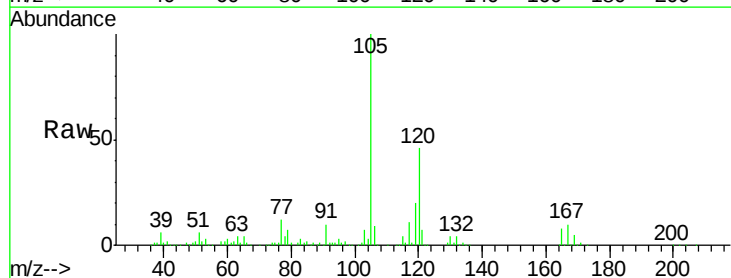
Instrument :
 MSVOA_N
 ClientSampled :
 VN0115WBS01

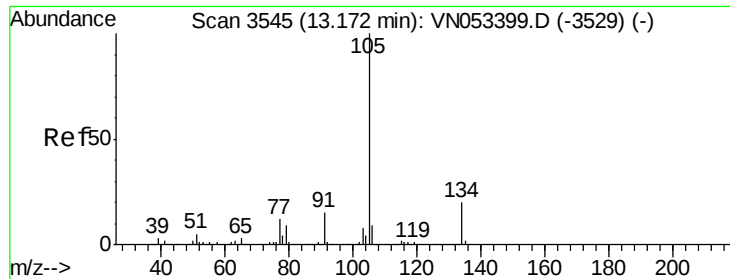
Tot Ion:119 Resp: 670642
 Ion Ratio Lower Upper
 119 100
 91 62.9 31.6 95.0
 134 25.7 12.9 38.6



#84
 1,2,4-Trimethylbenzene
 Concen: 21.353 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN053404.D
 Acq: 15 Jan 2019 13:33

Tgt Ion:105 Resp: 759488
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.0 69.0

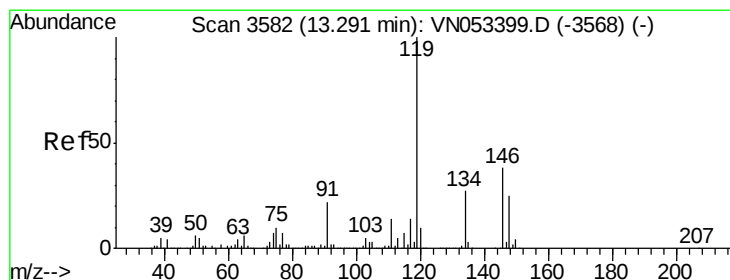
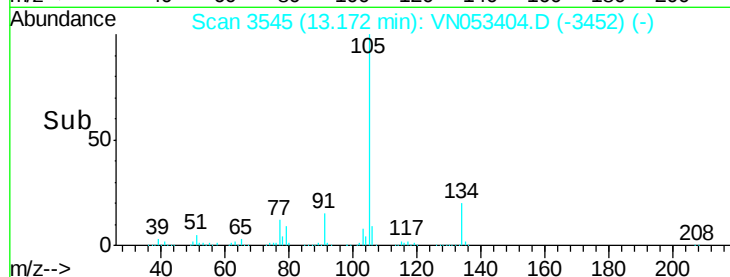
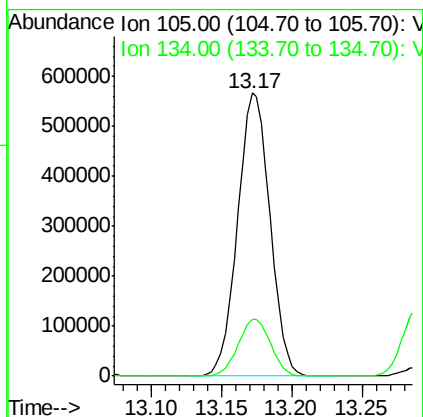
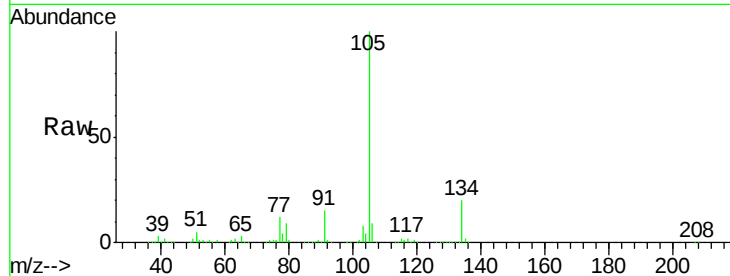




#85
 sec-Butylbenzene
 Concen: 21.312 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN053404.D
 Acq: 15 Jan 2019 13:33

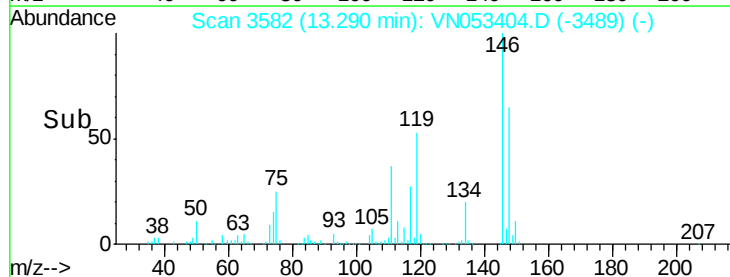
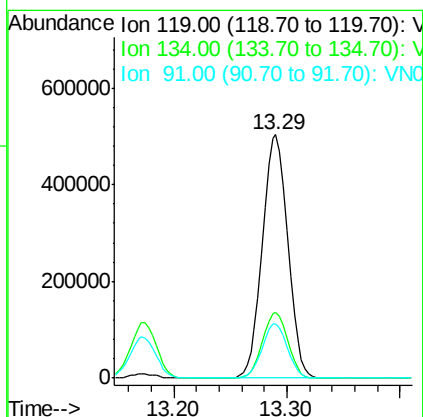
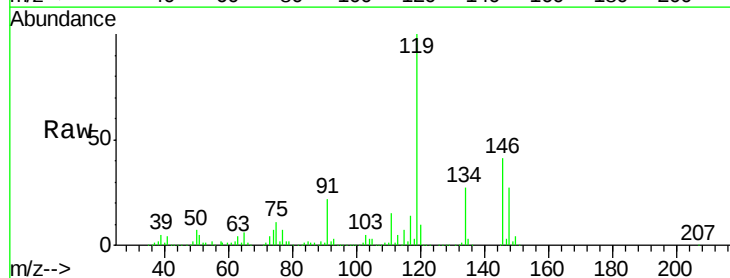
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBS01

Tot Ion:105 Resp: 910652
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 21.196 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN053404.D
 Acq: 15 Jan 2019 13:33

Tgt Ion:119 Resp: 786380
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.1
 91 22.3 11.1 33.1

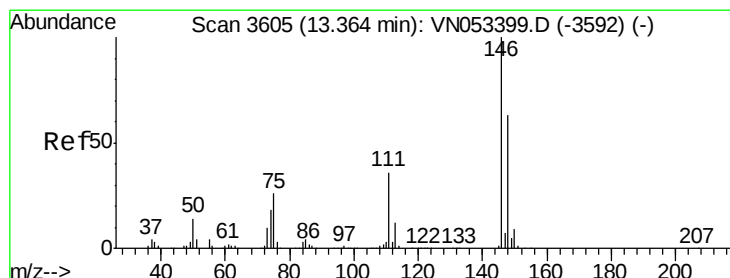
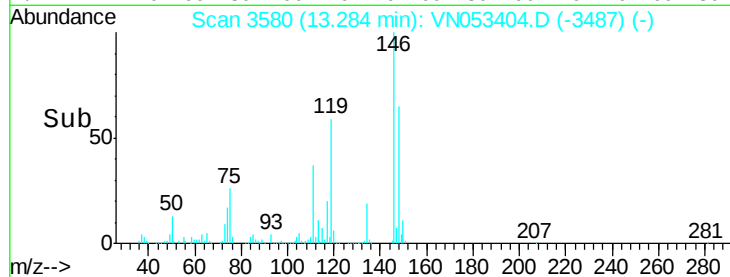
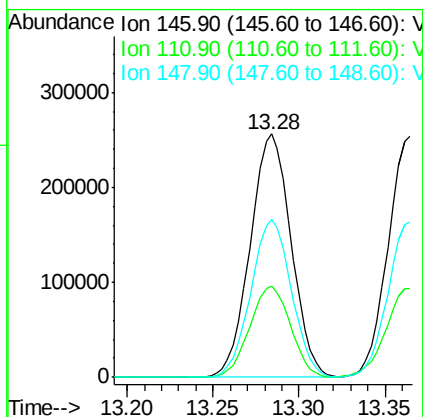
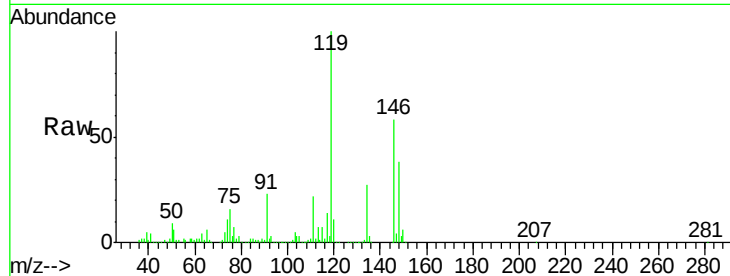




#87
 1,3-Dichlorobenzene
 Concen: 21.003 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN053404.D
 Acq: 15 Jan 2019 13:33

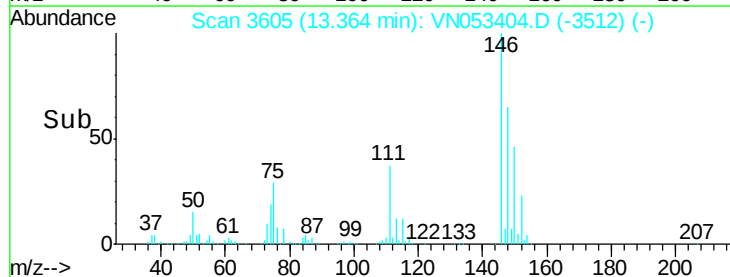
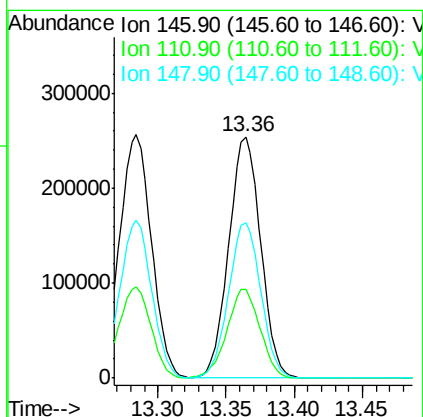
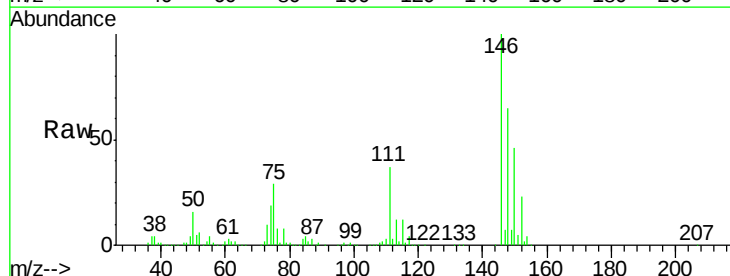
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0115WBS01

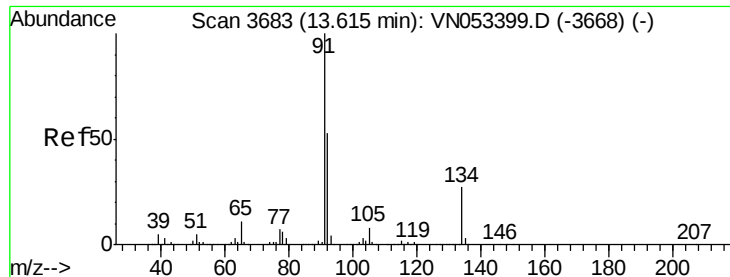
Tot Ion:146 Resp: 422079
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.9 56.5
 148 64.3 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 20.546 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VN053404.D
 Acq: 15 Jan 2019 13:33

Tgt Ion:146 Resp: 414166
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.6 55.8
 148 64.9 32.0 96.0

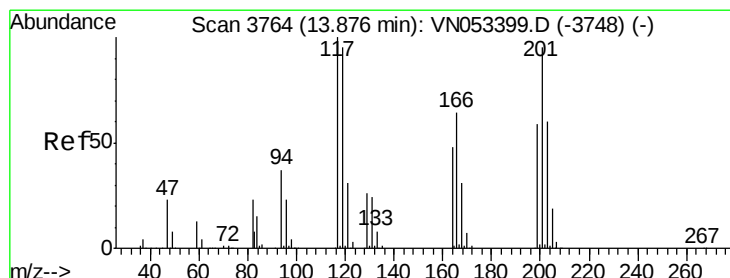
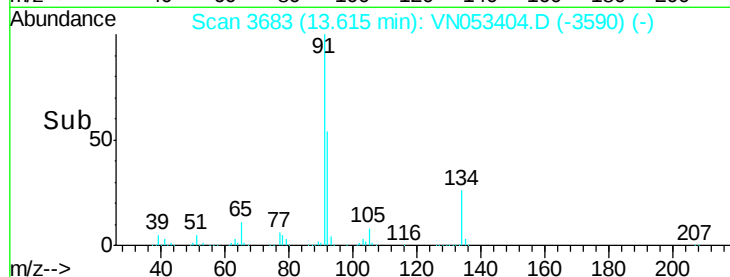
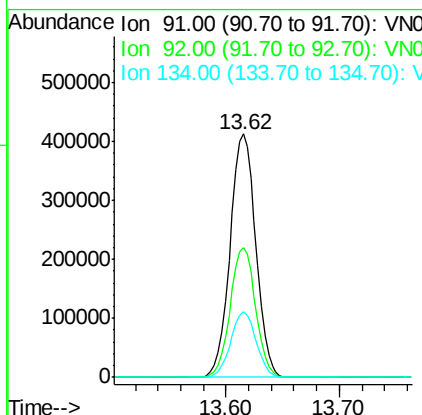
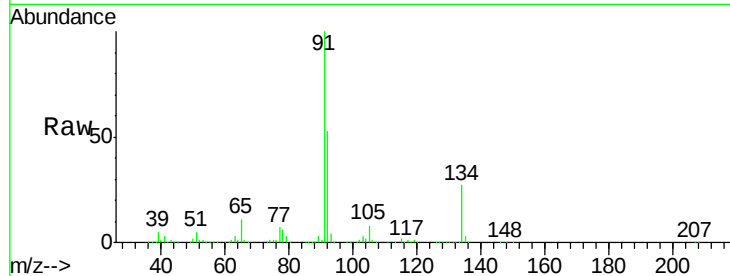




#89
n-Butylbenzene
Concen: 20.563 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN053404.D
Acq: 15 Jan 2019 13:33

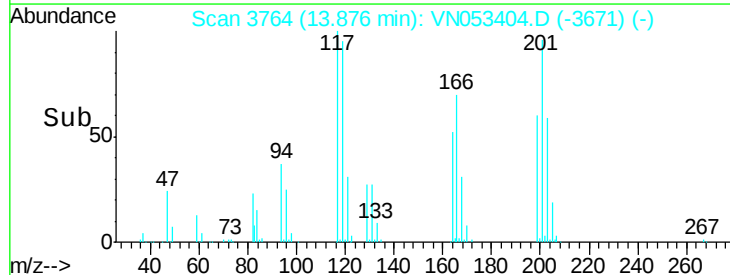
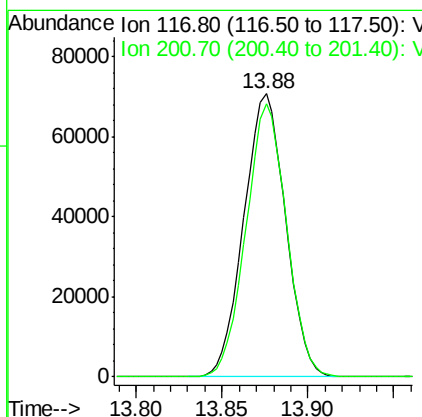
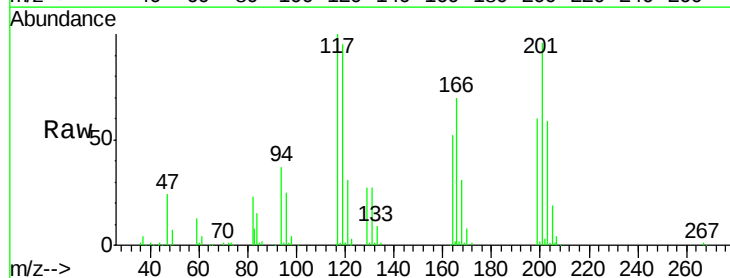
Instrument :
MSVOA_N
ClientSampled :
VN0115WBS01

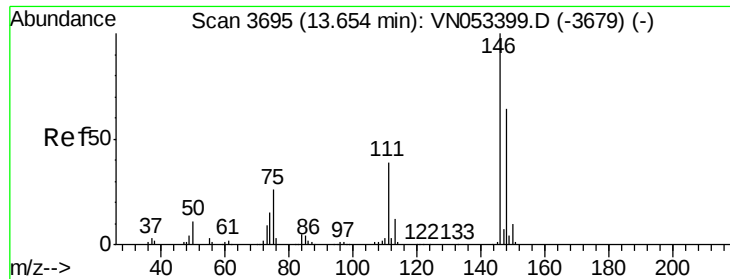
Tot Ion: 91 Resp: 650319
Ion Ratio Lower Upper
91 100
92 52.5 26.3 78.8
134 26.7 13.5 40.5



#90
Hexachloroethane
Concen: 20.465 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN053404.D
Acq: 15 Jan 2019 13:33

Tgt Ion: 117 Resp: 119078
Ion Ratio Lower Upper
117 100
201 93.5 46.1 138.3





#91

1,2-Dichlorobenzene

Concen: 21.736 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN053404.D

Acq: 15 Jan 2019 13:33

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBS01

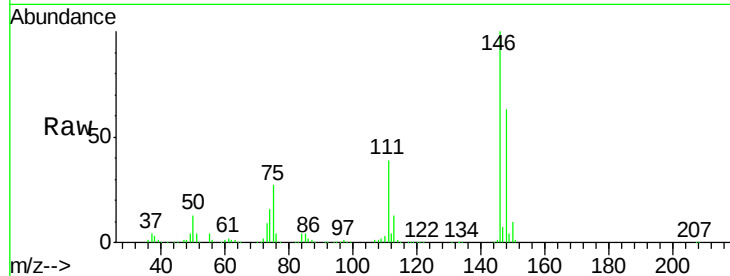
Tot Ion:146 Resp: 401860

Ion Ratio Lower Upper

146 100

111 39.2 19.4 58.2

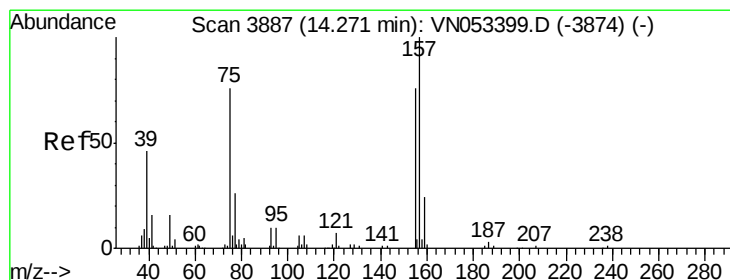
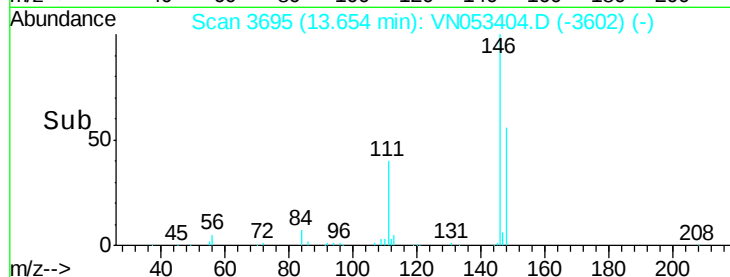
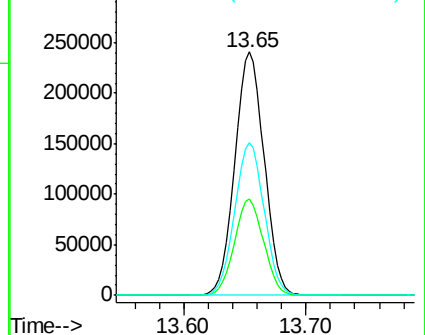
148 63.0 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.383 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. -0.00 min

Lab File: VN053404.D

Acq: 15 Jan 2019 13:33

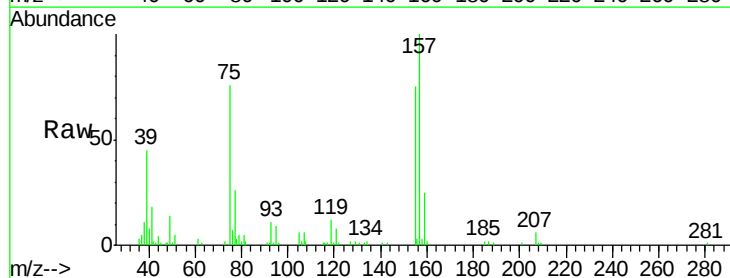
Tgt Ion: 75 Resp: 26960

Ion Ratio Lower Upper

75 100

155 98.6 48.1 144.3

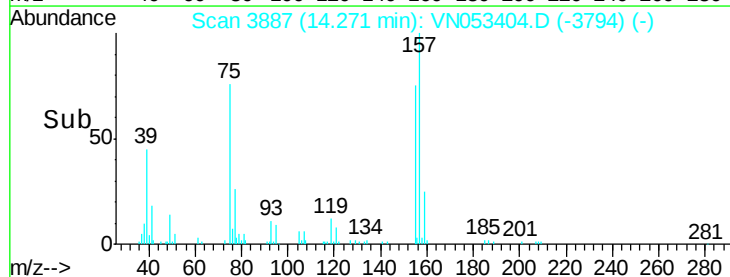
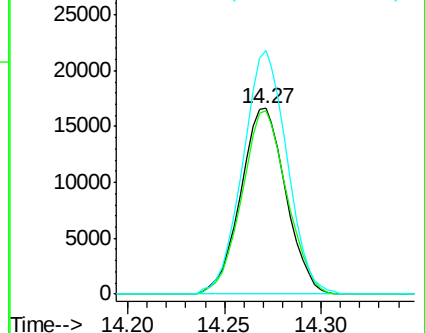
157 128.6 61.5 184.4

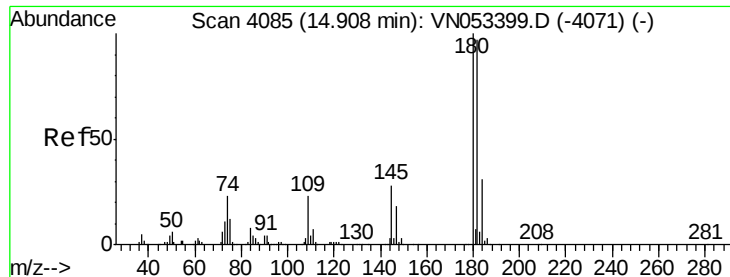


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

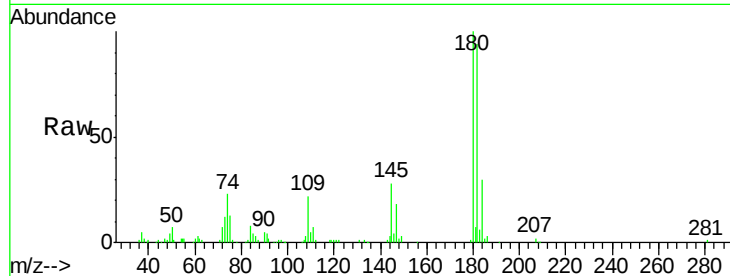




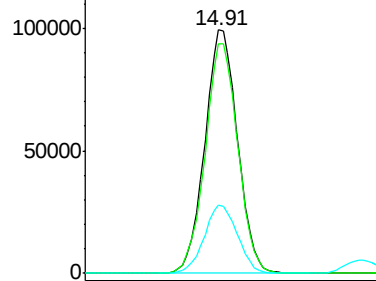
#93
 1,2,4-Trichlorobenzene
 Concen: 21.426 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN053404.D
 Acq: 15 Jan 2019 13:33

Instrument :
 MSVOA_N
 ClientSampled :
 VN0115WBS01

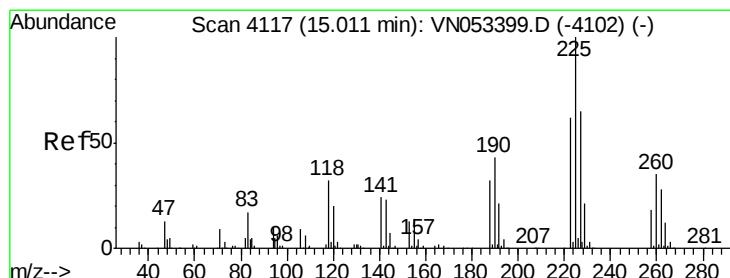
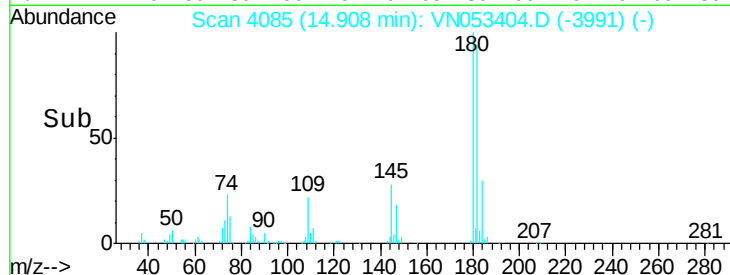
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.8	143.4
145	28.3	14.4	43.0



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

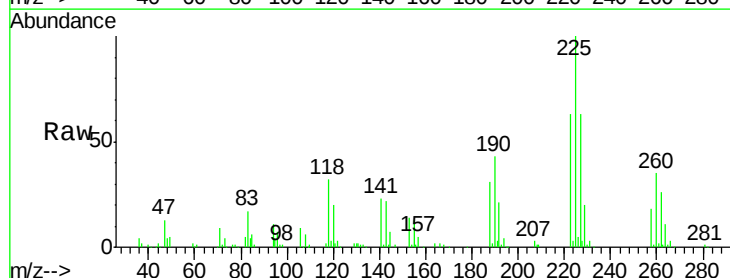


Time-->

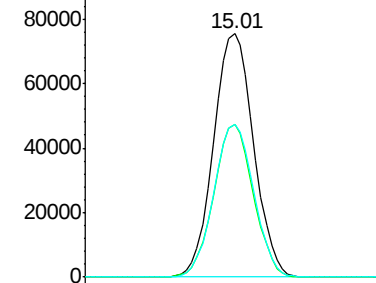


#94
 Hexachlorobutadiene
 Concen: 21.904 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN053404.D
 Acq: 15 Jan 2019 13:33

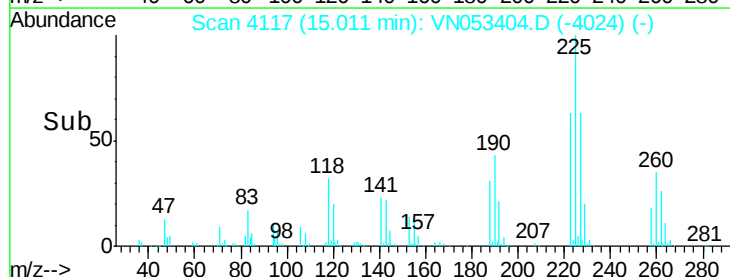
Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	30.9	92.8
227	62.8	31.4	94.2

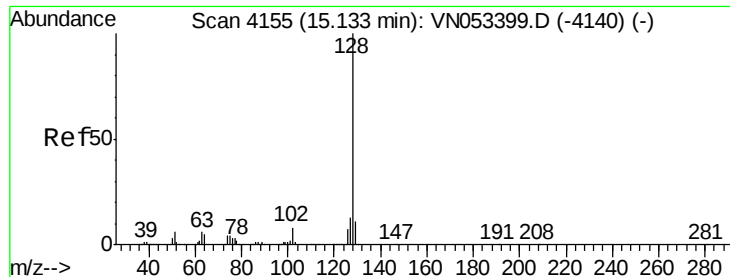


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->





#95

Naphthalene

Concen: 21.806 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053404.D

Acq: 15 Jan 2019 13:33

Instrument :

MSVOA_N

ClientSampleId :

VN0115WBS01

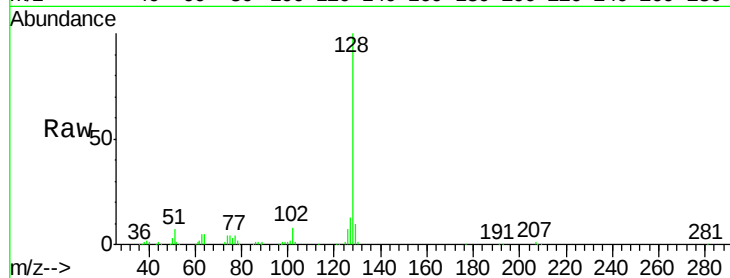
Tot Ion:128 Resp: 277584

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

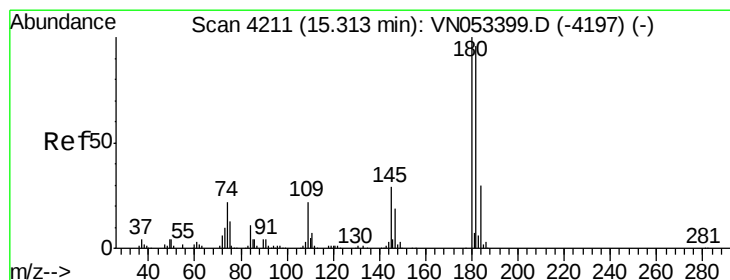
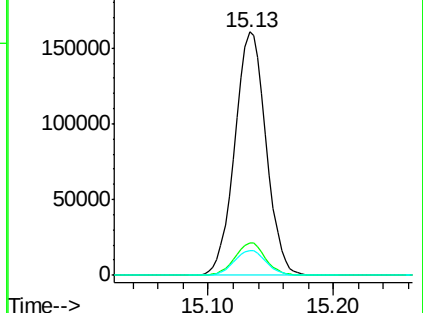
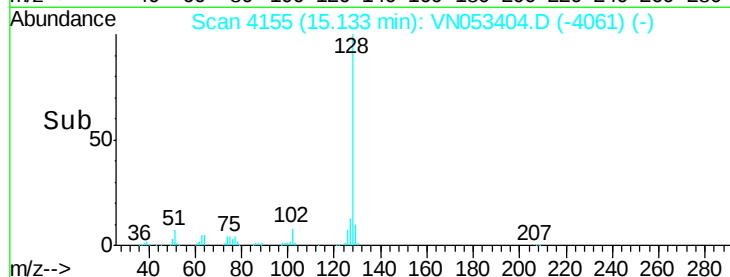
129 10.4 8.7 13.1



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: 22.558 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN053404.D

Acq: 15 Jan 2019 13:33

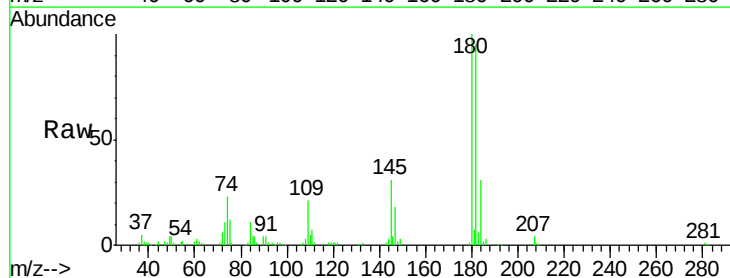
Tgt Ion:180 Resp: 120776

Ion Ratio Lower Upper

180 100

182 94.0 48.4 145.0

145 30.2 14.9 44.5



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

