

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN010518\
 Data File : VN046329.D
 Acq On : 5 Jan 2018 12:12
 Operator : MD\SY
 Sample : VN0105WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0105WBS01

Quant Time: Jan 05 12:35:26 2018
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\624N121917W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Dec 19 04:09:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	163398	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	825718	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	748106	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	385771	31.45	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.83%
60) 4-Bromofluorobenzene	12.41	95	360411	31.15	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	103.83%
63) Toluene-d8	10.09	98	1081786	30.54	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.80%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	186487	23.22	ug/l	97
3) Chloromethane	2.05	50	313025	19.51	ug/l	99
4) Vinyl Chloride	2.18	62	246622	19.74	ug/l	99
5) Bromomethane	2.56	94	108985	15.69	ug/l	98
6) Chloroethane	2.70	64	156514	19.58	ug/l	100
7) Trichlorofluoromethane	3.01	101	317273	23.57	ug/l	100
8) Diethyl Ether	3.41	74	133576	18.89	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.75	101	210447	25.47	ug/l	99
10) 1,1-Dichloroethene	3.73	96	181790	20.53	ug/l	96
11) Methyl Iodide	3.95	142	151942	16.52	ug/l	97
12) Methyl Acetate	4.33	43	224233	23.68	ug/l	98
13) Acrolein	3.61	56	52598	50.24	ug/l	98
14) Acrylonitrile	4.99	53	481453	115.45	ug/l	98
15) Acetone	3.82	58	173993	147.91	ug/l	92
16) Carbon Disulfide	4.05	76	414785	15.93	ug/l	98
17) Allyl chloride	4.32	41	330565	19.40	ug/l	97
18) Methylene Chloride	4.55	84	242065	19.65	ug/l	98
19) trans-1,2-Dichloroethene	5.04	96	189192	19.40	ug/l	98
20) Diisopropyl ether	5.95	45	791833	21.10	ug/l	98
21) 1,1-Dichloroethane	5.85	63	445068	20.87	ug/l	100
22) cis-1,2-Dichloroethene	6.83	96	233811	19.48	ug/l	98
23) tert-Butyl Alcohol	4.79	59	103829	120.99	ug/l #	100
24) Methyl tert-Butyl Ether	5.05	73	620308	20.40	ug/l	99
25) Chloroform	7.37	83	428487	21.20	ug/l	99
26) Cyclohexane	7.65	56	296476	20.27	ug/l #	99
29) 1,1-Dichloropropene	7.79	75	275447	21.36	ug/l	98
30) 2-Butanone	6.84	43	606708	132.40	ug/l	97
31) 2,2-Dichloropropane	6.83	77	344734	23.79	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	341871	23.03	ug/l	99
33) Carbon Tetrachloride	7.77	117	244647	23.28	ug/l	97
34) Benzene	8.04	78	926984	20.45	ug/l	97
35) Methacrylonitrile	7.18	41	110962	20.63	ug/l	94
36) 1,2-Dichloroethane	8.12	62	335803	21.89	ug/l	100
37) Trichloroethene	8.83	130	221895	21.60	ug/l	99
38) Methylcyclohexane	9.08	83	285383	22.20	ug/l	97
39) 1,2-Dichloropropane	9.12	63	274601	21.48	ug/l	100
40) Dibromomethane	9.21	93	155937	21.79	ug/l	98

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 Data File : VN046329.D
 Acq On : 5 Jan 2018 12:12
 Operator : MD\SY
 Sample : VN0105WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0105WBS01

Quant Time: Jan 05 12:35:26 2018
 Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\624N121917W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Dec 19 04:09:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	324483	22.52	ug/l	99
42) Vinyl Acetate	5.90	43	2715011	109.19	ug/l	99
43) Ethyl Acetate	6.93	43	238086	24.02	ug/l	98
44) Isopropyl Acetate	8.17	43	413091	23.37	ug/l	98
45) 1,4-Dioxane	9.20	88	56437	477.64	ug/l	98
46) Methyl methacrylate	9.20	41	190253	22.11	ug/l	99
47) n-amyl Acetate	12.08	43	324349	22.91	ug/l	98
48) t-1,3-Dichloropropene	10.38	75	316328	20.77	ug/l	99
49) cis-1,3-Dichloropropene	9.84	75	357148	20.07	ug/l	98
50) 1,1,2-Trichloroethane	10.56	97	228313	22.15	ug/l	96
51) Ethyl methacrylate	10.43	69	273571	20.92	ug/l	96
52) 1,3-Dichloropropane	10.71	76	388607	21.45	ug/l	100
53) Dibromochloromethane	10.90	129	221229	22.10	ug/l	98
54) 1,2-Dibromoethane	11.01	107	209127	21.64	ug/l	99
55) 2-Chloroethyl vinyl ether	9.70	63	231041	46.99	ug/l	98
56) Bromoform	12.13	173	143585	22.82	ug/l	98
58) 4-Methyl-2-Pentanone	9.99	43	1166435	128.91	ug/l	97
59) 2-Hexanone	10.76	43	804935	133.96	ug/l	97
61) Tetrachloroethene	10.63	164	217544	23.03	ug/l	98
62) Toluene	10.16	91	968115	21.13	ug/l	99
64) Chlorobenzene	11.44	112	571994	20.59	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.51	131	215733	21.52	ug/l	99
66) Ethyl Benzene	11.52	91	956833	20.96	ug/l	100
67) m/p-Xylenes	11.63	106	733111	42.67	ug/l	100
68) o-Xylene	11.95	106	351078	20.27	ug/l	97
69) Styrene	11.97	104	557895	20.79	ug/l	99
70) Isopropylbenzene	12.26	105	943760	22.30	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.51	83	312621	24.45	ug/l	99
72) 1,2,3-Trichloropropane	12.56	75	360873	35.59	ug/l	41
73) Bromobenzene	12.53	156	227528	20.83	ug/l	94
74) n-propylbenzene	12.60	91	1119480	23.20	ug/l	99
75) 2-Chlorotoluene	12.68	91	691038	21.96	ug/l	98
76) 1,3,5-Trimethylbenzene	12.74	105	798495	22.27	ug/l	98
77) t-1,4-Dichloro-2-butene	12.31	75	78025	24.06	ug/l	99
78) 4-Chlorotoluene	12.78	91	665219	21.97	ug/l	99
79) tert-butylbenzene	13.00	119	664529	22.07	ug/l	96
80) 1,2,4-Trimethylbenzene	13.18	105	937491	25.48	ug/l	100
81) sec-Butylbenzene	13.18	105	937491	24.04	ug/l	99
82) p-Isopropyltoluene	13.30	119	769561	23.00	ug/l	100
83) 1,3-Dichlorobenzene	13.29	146	378296	21.35	ug/l	99
84) 1,4-Dichlorobenzene	13.37	146	360805	21.42	ug/l	100
85) n-Butylbenzene	13.62	91	620560	23.04	ug/l	99
86) Hexachloroethane	13.88	117	109862	21.43	ug/l	100
87) 1,2-Dichlorobenzene	13.66	146	389639	21.51	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.28	75	40644	23.37	ug/l	92
89) 1,2,4-Trichlorobenzene	14.92	180	119508	17.56	ug/l	98
90) Hexachlorobutadiene	15.02	225	122876	26.09	ug/l	98
91) Naphthalene	15.14	128	239342	16.76	ug/l	99
92) 1,2,3-Trichlorobenzene	15.33	180	137826	19.34	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN010518\
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Acq On : 5 Jan 2018 12:12
Operator : MD\SY
Sample : VN0105WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0105WBS01

Quant Time: Jan 05 12:35:26 2018
Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\624N121917W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Dec 19 04:09:09 2017
Response via : Initial Calibration

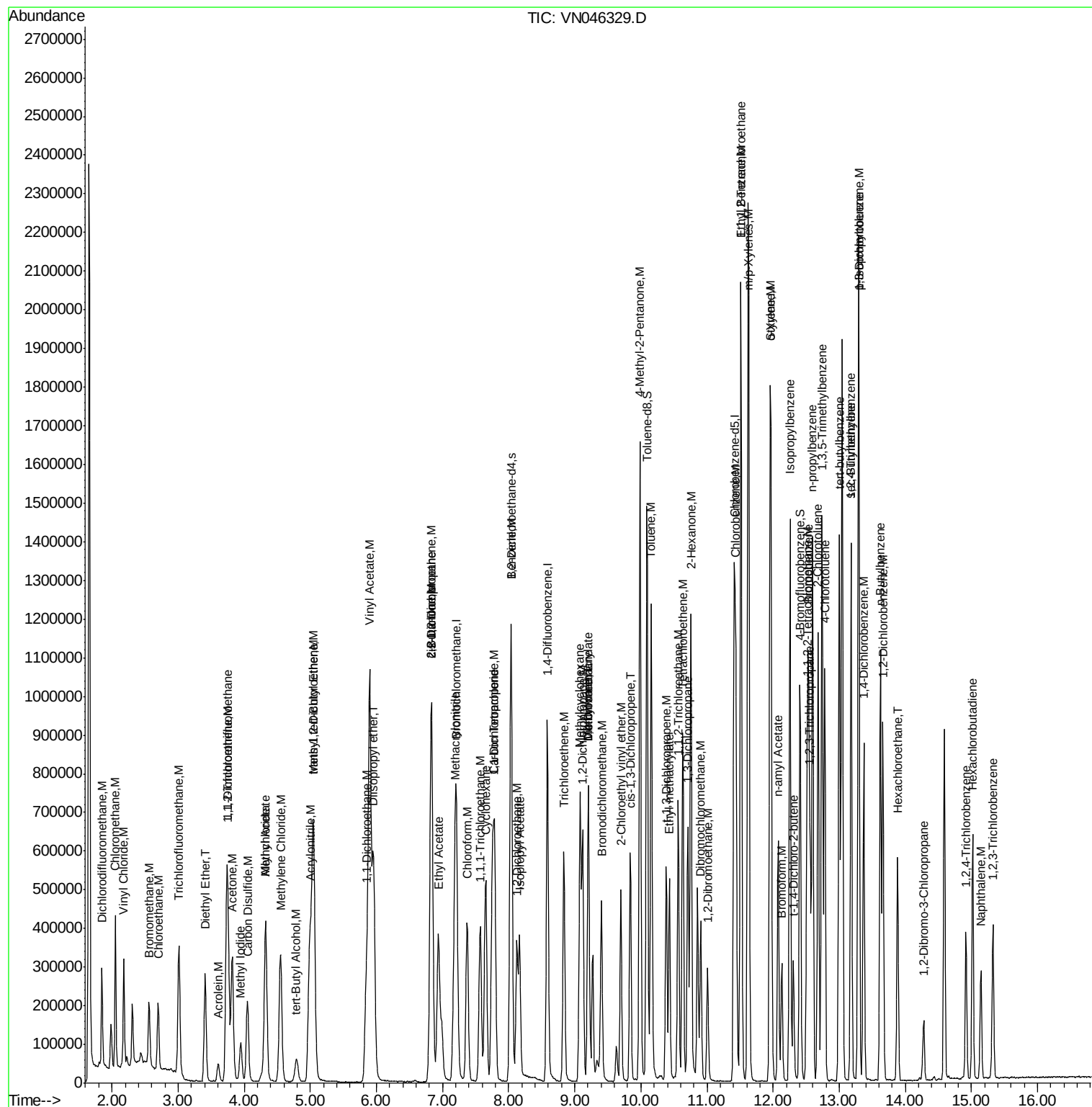
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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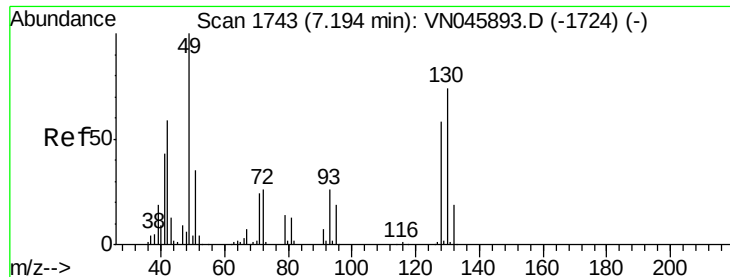
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_N\DATA\VN010518\
Data File : VN046329.D
Acq On : 5 Jan 2018 12:12
Operator : MD\SY
Sample : VN0105WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0105WBS01

Quant Time: Jan 05 12:35:26 2018
Quant Method : W:\HPCHEM1\MSVOA_N\METHODS\624N121917W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Dec 19 04:09:09 2017
Response via : Initial Calibration

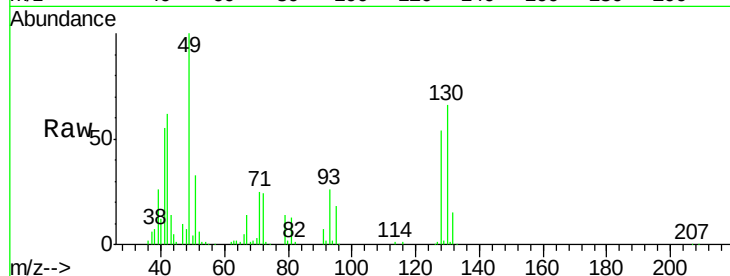




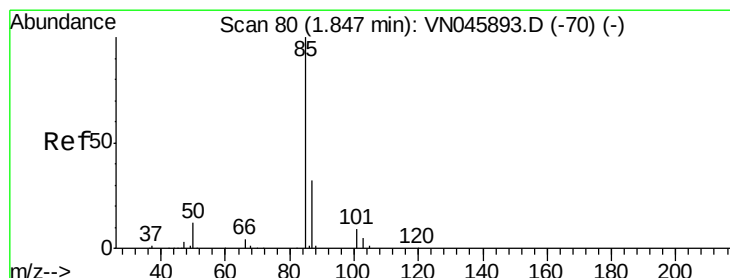
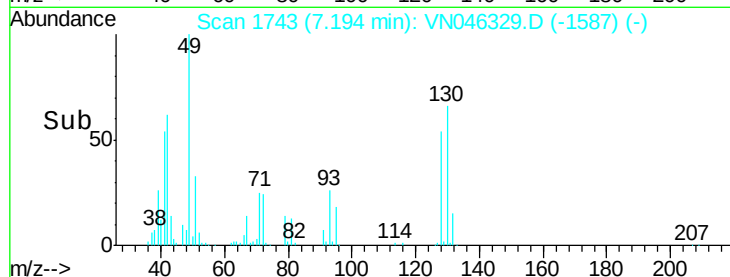
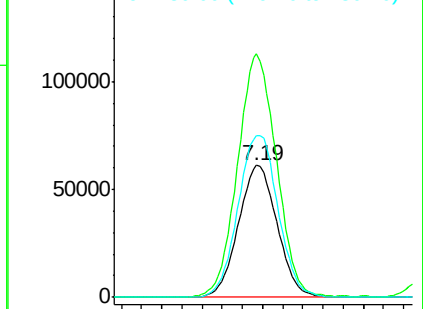
#1
 Bromochloromethane
 Concen: 30.00 ug/l
 RT: 7.19 min Scan# 1743
 Delta R.T. 0.00 min
 Lab File: VN046329.D
 Acq: 5 Jan 2018 12:12

Instrument :
 MSVOA_N
 ClientSampled :
 VN0105WBS01

Tgt Ion:128 Resp: 163398
 Ion Ratio Lower Upper
 128 100
 49 184.5 0.0 442.2
 130 126.9 0.0 322.8

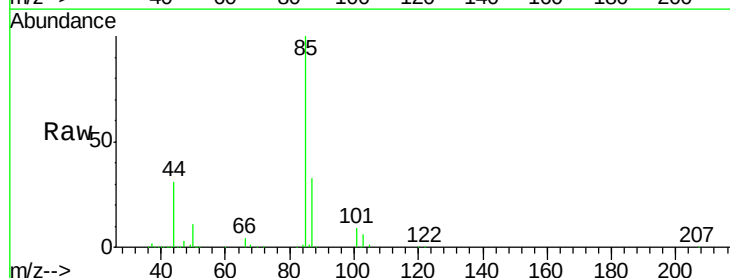


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VN
 Ion 130.00 (129.70 to 130.70): V

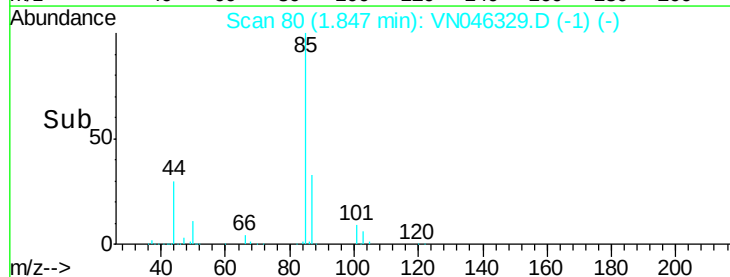
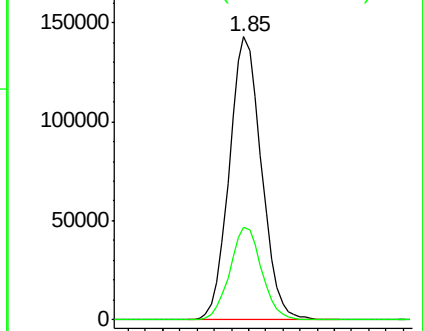


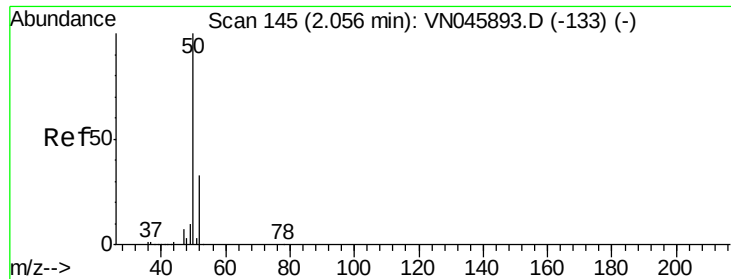
#2
 Dichlorodifluoromethane
 Concen: 23.22 ug/l
 RT: 1.85 min Scan# 80
 Delta R.T. 0.00 min
 Lab File: VN046329.D
 Acq: 5 Jan 2018 12:12

Tgt Ion: 85 Resp: 186487
 Ion Ratio Lower Upper
 85 100
 87 32.9 15.8 47.3



Abundance Ion 85.00 (84.70 to 85.70): VN
 Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 19.51 ug/l

RT: 2.05 min Scan# 144

Delta R.T. -0.00 min

Lab File: VN046329.D

Acq: 5 Jan 2018 12:12

Instrument :

MSVOA_N

ClientSampled :

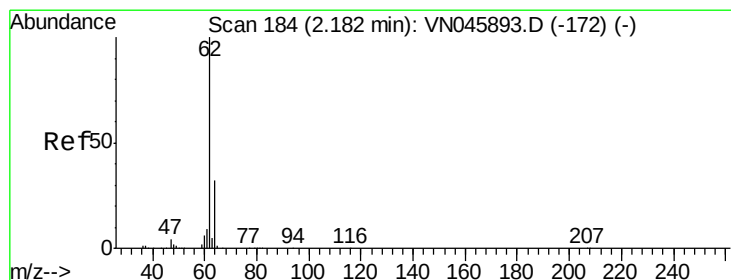
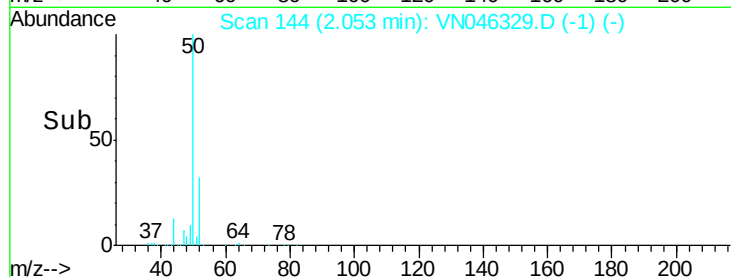
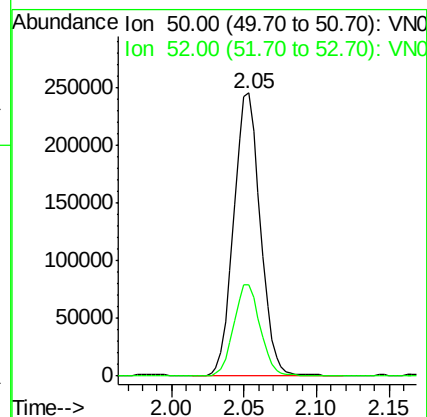
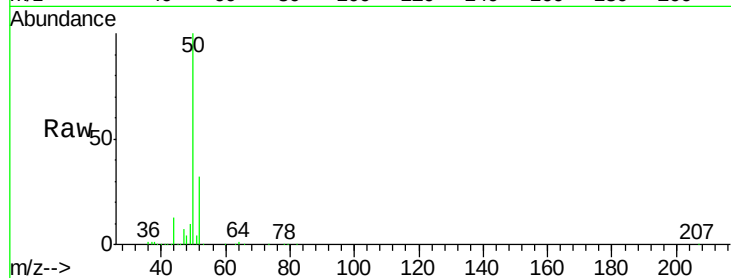
VN0105WBS01

Tgt Ion: 50 Resp: 313025

Ion Ratio Lower Upper

50 100

52 32.2 26.3 39.5



#4

Vinyl Chloride

Concen: 19.74 ug/l

RT: 2.18 min Scan# 183

Delta R.T. -0.00 min

Lab File: VN046329.D

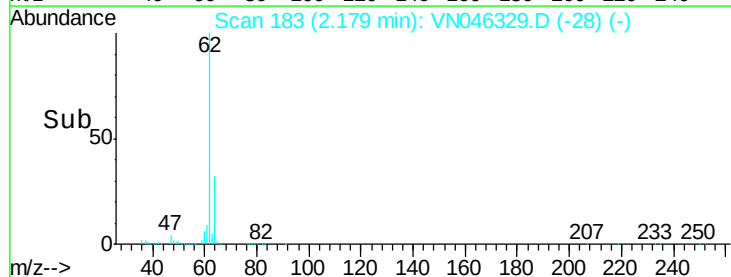
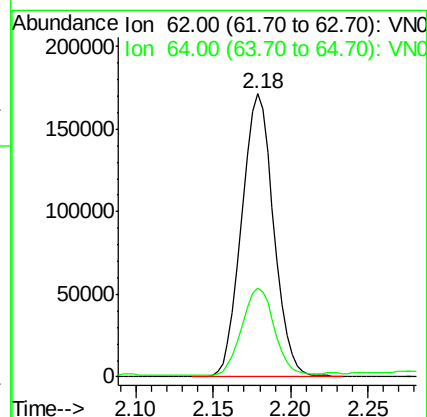
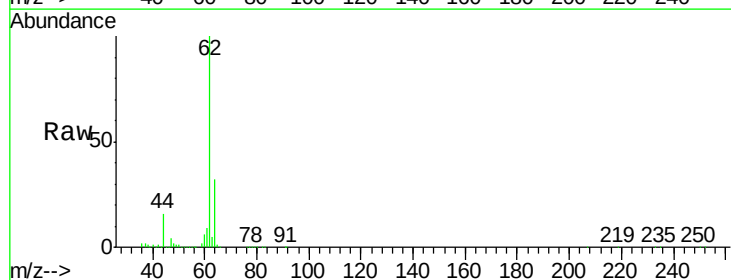
Acq: 5 Jan 2018 12:12

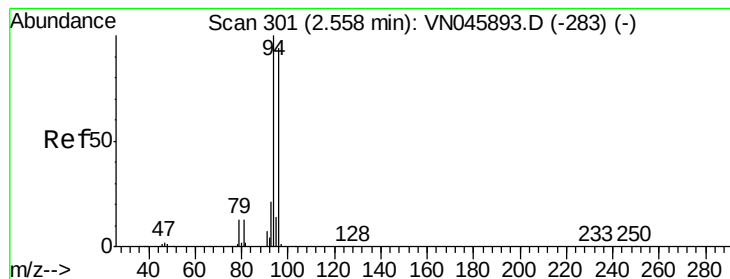
Tgt Ion: 62 Resp: 246622

Ion Ratio Lower Upper

62 100

64 31.1 25.3 37.9





#5

Bromomethane

Concen: 15.69 ug/l

RT: 2.56 min Scan# 302

Delta R.T. 0.00 min

Lab File: VN046329.D

Acq: 5 Jan 2018 12:12

Instrument :

MSVOA_N

ClientSampleId :

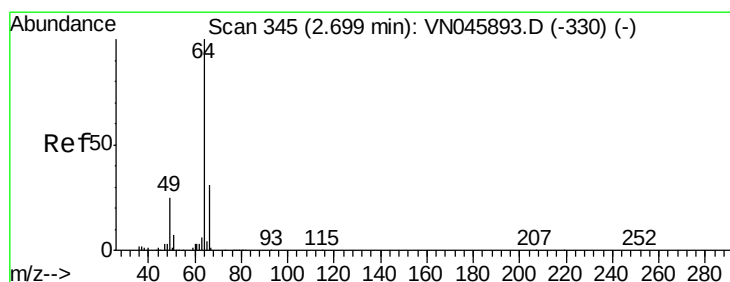
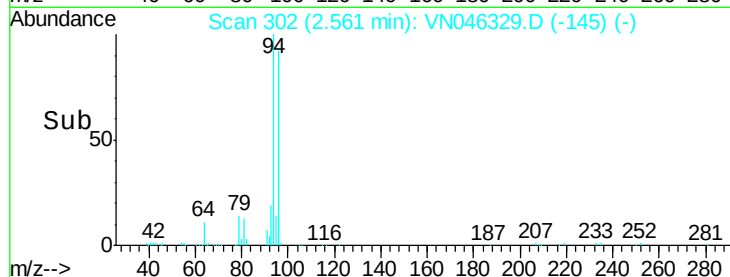
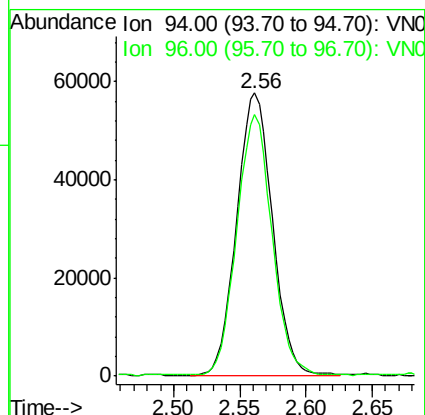
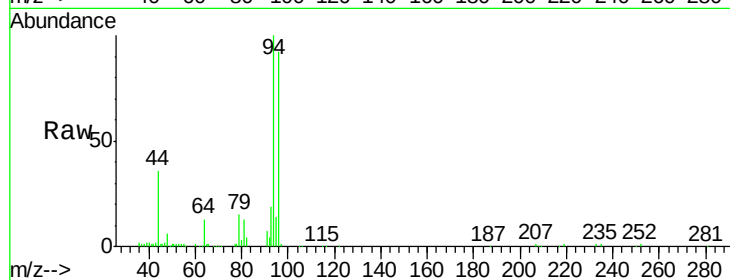
VN0105WBS01

Tgt Ion: 94 Resp: 108985

Ion Ratio Lower Upper

94 100

96 91.9 74.8 112.2



#6

Chloroethane

Concen: 19.58 ug/l

RT: 2.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VN046329.D

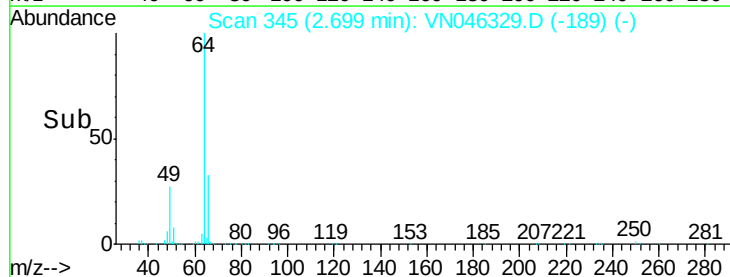
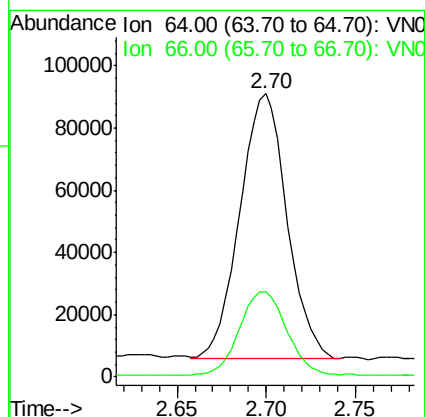
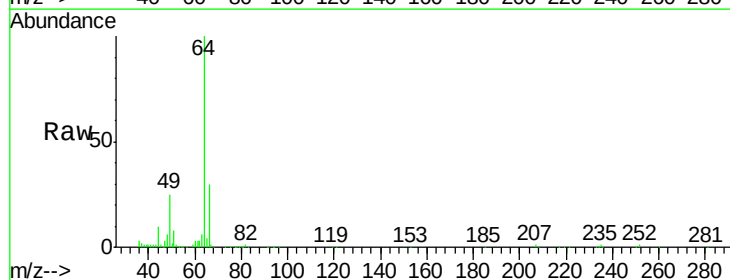
Acq: 5 Jan 2018 12:12

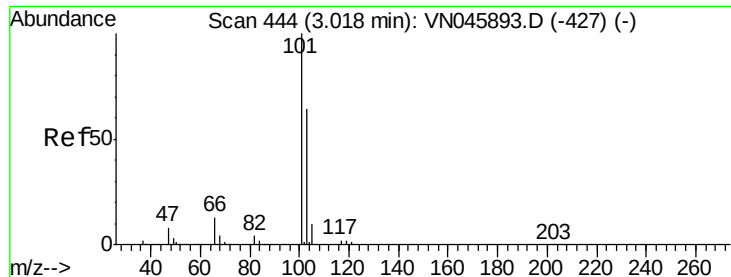
Tgt Ion: 64 Resp: 156514

Ion Ratio Lower Upper

64 100

66 31.3 24.8 37.2





#7

Trichlorofluoromethane

Concen: 23.57 ug/l

RT: 3.01 min Scan# 442

Delta R.T. -0.01 min

Lab File: VN046329.D

Acq: 5 Jan 2018 12:12

Instrument :

MSVOA_N

ClientSampleId :

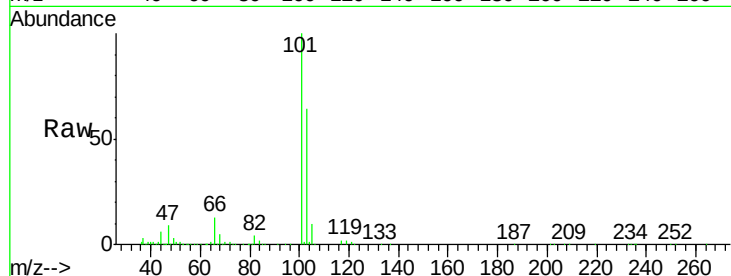
VN0105WBS01

Tgt Ion:101 Resp: 317273

Ion Ratio Lower Upper

101 100

103 64.2 51.1 76.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

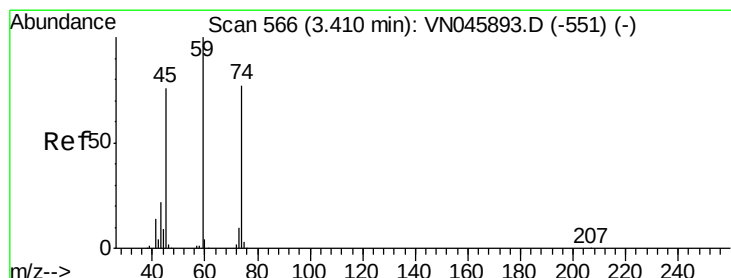
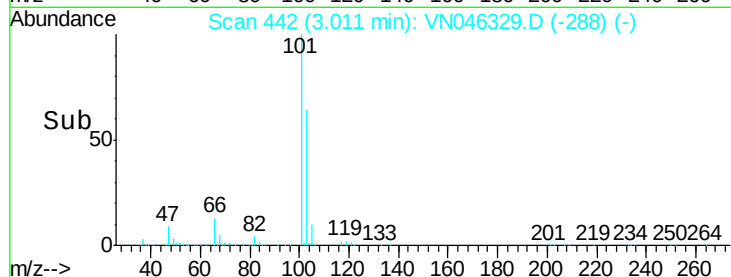
150000

100000

50000

0

Time--> 2.90 3.00 3.10



#8

Diethyl Ether

Concen: 18.89 ug/l

RT: 3.41 min Scan# 566

Delta R.T. 0.00 min

Lab File: VN046329.D

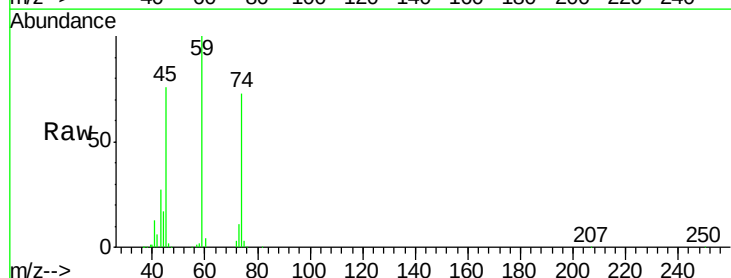
Acq: 5 Jan 2018 12:12

Tgt Ion: 74 Resp: 133576

Ion Ratio Lower Upper

74 100

45 104.1 20.0 179.8



Abundance Ion 74.00 (73.70 to 74.70): V

Ion 45.00 (44.70 to 45.70): V

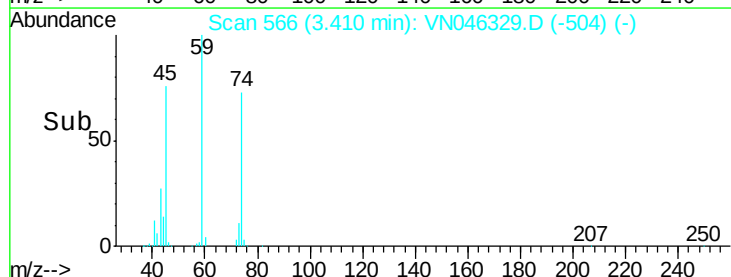
60000

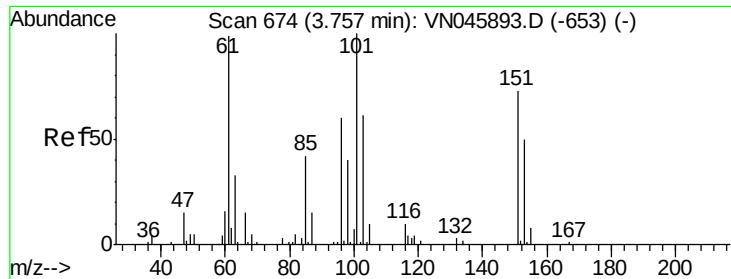
40000

20000

0

Time--> 3.35 3.40 3.45 3.50





#9

1,1,2-Trichlorotrifluoroethane

Concen: 25.47 ug/l

RT: 3.75 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN046329.D

Acq: 5 Jan 2018 12:12

Instrument :

MSVOA_N

ClientSampled :

VN0105WBS01

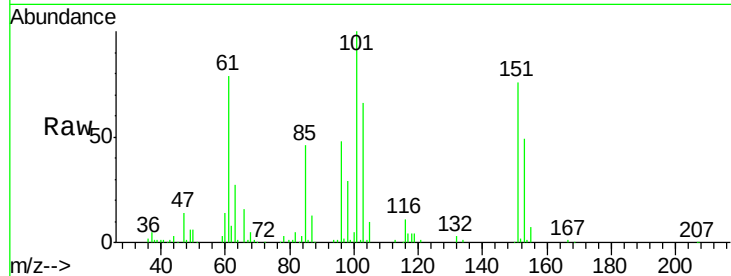
Tgt Ion:101 Resp: 210447

Ion Ratio Lower Upper

101 100

85 44.0 0.0 87.0

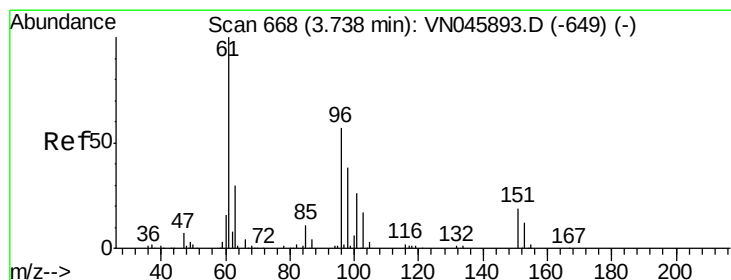
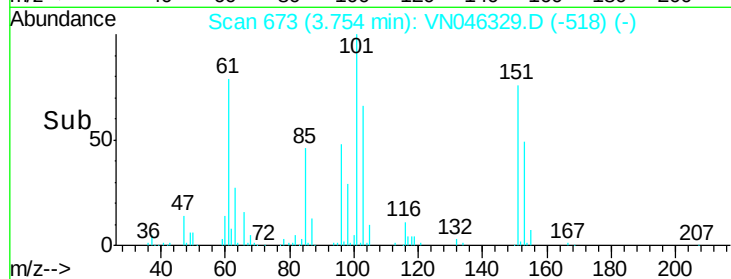
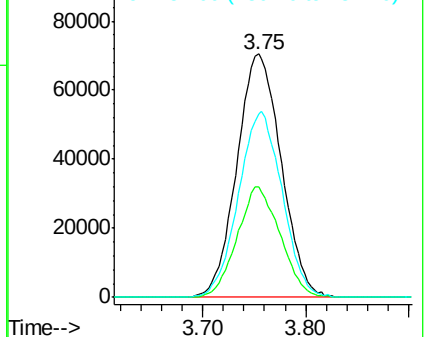
151 75.1 0.0 153.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.53 ug/l

RT: 3.73 min Scan# 667

Delta R.T. -0.00 min

Lab File: VN046329.D

Acq: 5 Jan 2018 12:12

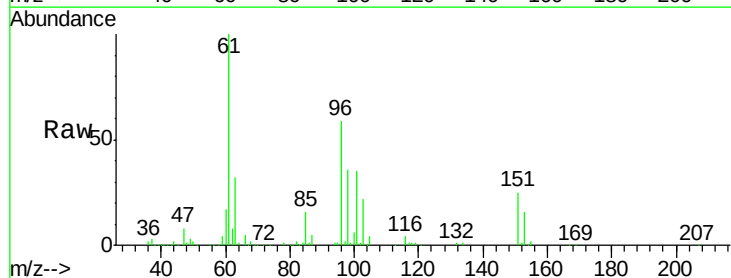
Tgt Ion: 96 Resp: 181790

Ion Ratio Lower Upper

96 100

61 169.0 139.3 208.9

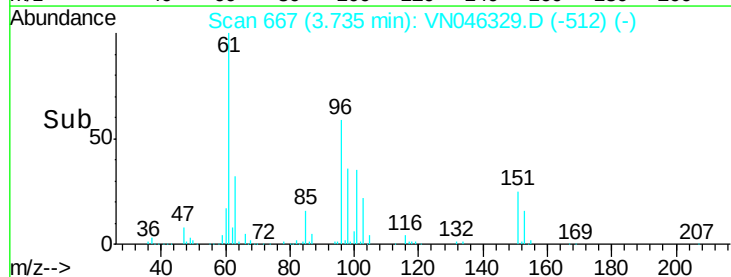
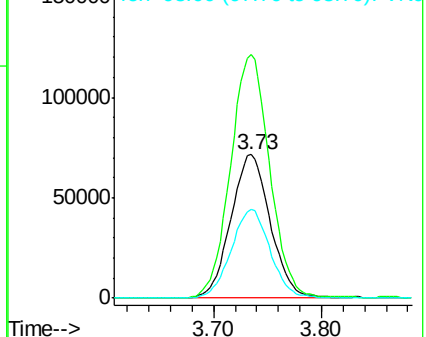
98 61.8 52.9 79.3

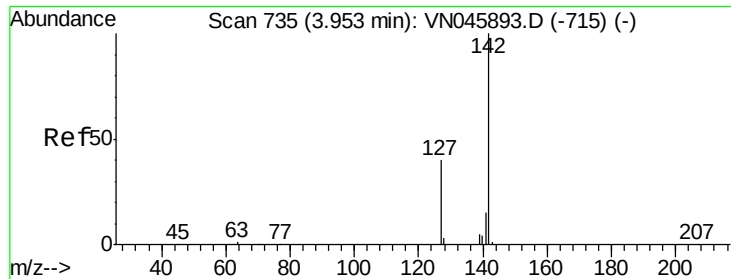


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

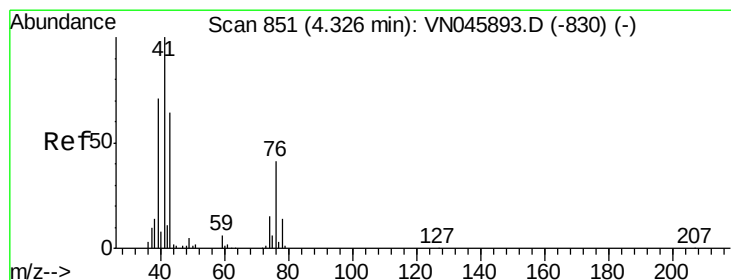
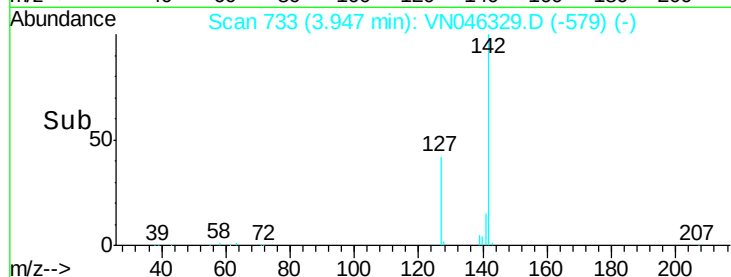
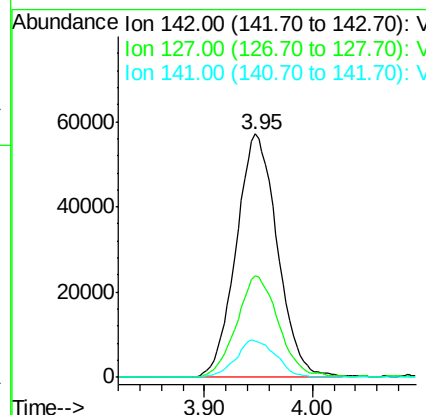
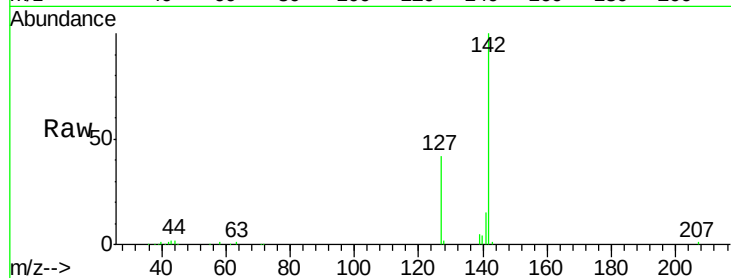




#11
Methyl Iodide
Concen: 16.52 ug/l
RT: 3.95 min Scan# 733
Delta R.T. -0.01 min
Lab File: VN046329.D
Acq: 5 Jan 2018 12:12

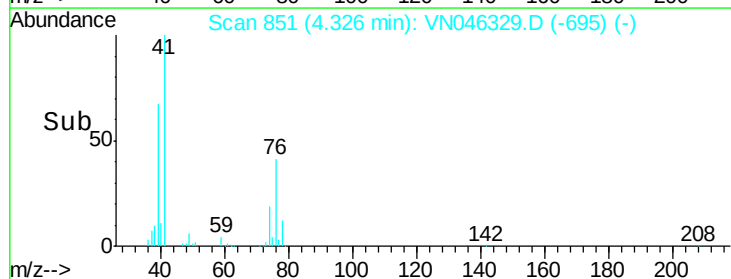
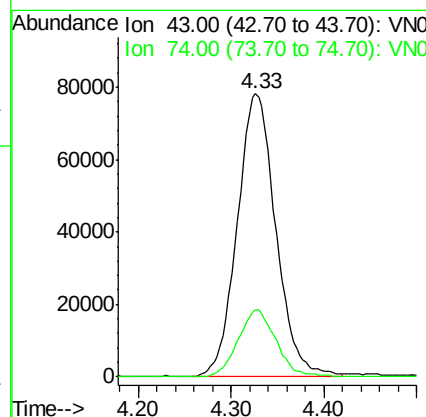
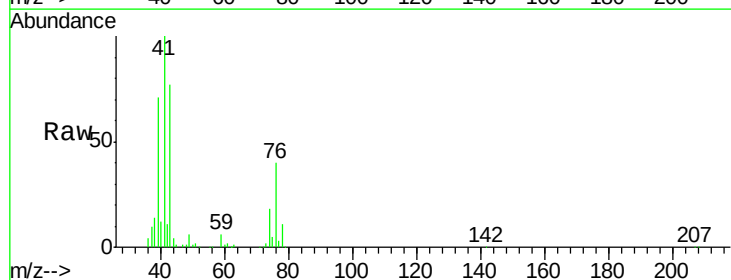
Instrument :
MSVOA_N
ClientSampled :
VN0105WBS01

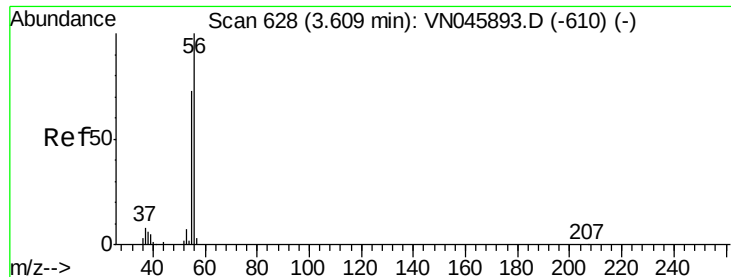
Tgt Ion:142 Resp: 151942
Ion Ratio Lower Upper
142 100
127 41.6 19.7 59.1
141 14.8 7.3 22.0



#12
Methyl Acetate
Concen: 23.68 ug/l
RT: 4.33 min Scan# 851
Delta R.T. 0.00 min
Lab File: VN046329.D
Acq: 5 Jan 2018 12:12

Tgt Ion: 43 Resp: 224233
Ion Ratio Lower Upper
43 100
74 23.8 18.2 27.4





#13

Acrolein

Concen: 50.24 ug/l

RT: 3.61 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN046329.D

Acq: 5 Jan 2018 12:12

Instrument :

MSVOA_N

ClientSampleId :

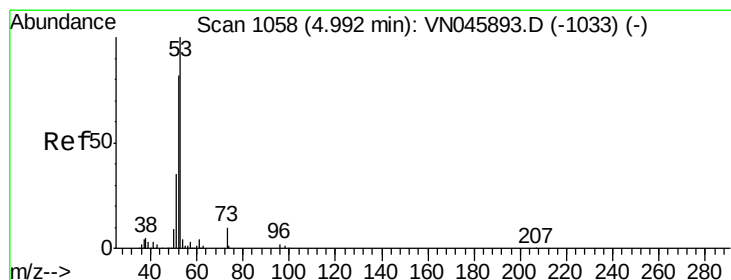
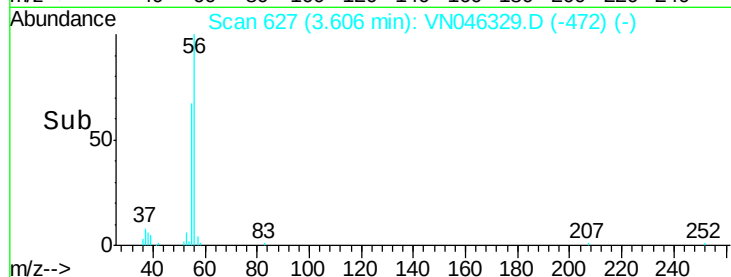
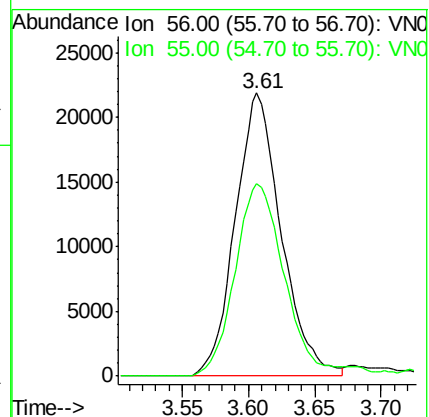
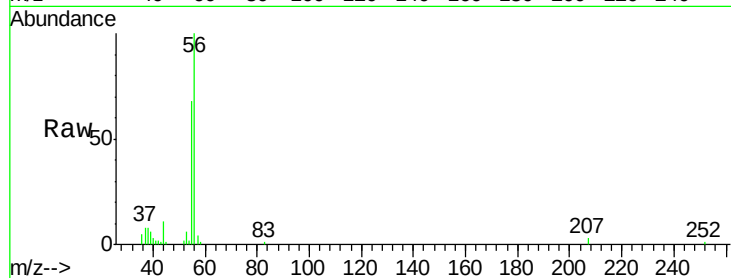
VN0105WBS01

Tgt Ion: 56 Resp: 52598

Ion Ratio Lower Upper

56 100

55 72.3 59.0 88.4



#14

Acrylonitrile

Concen: 115.45 ug/l

RT: 4.99 min Scan# 1057

Delta R.T. -0.00 min

Lab File: VN046329.D

Acq: 5 Jan 2018 12:12

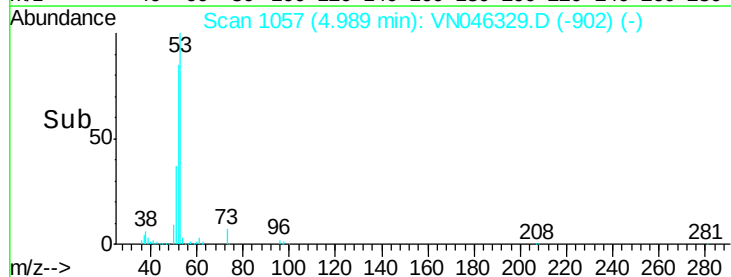
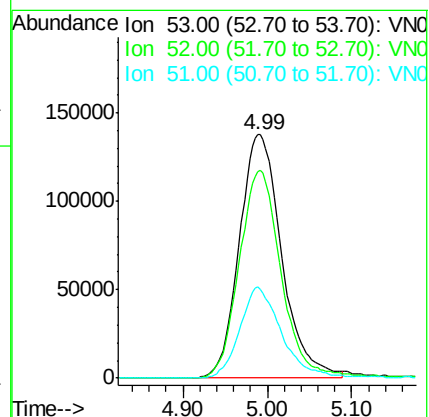
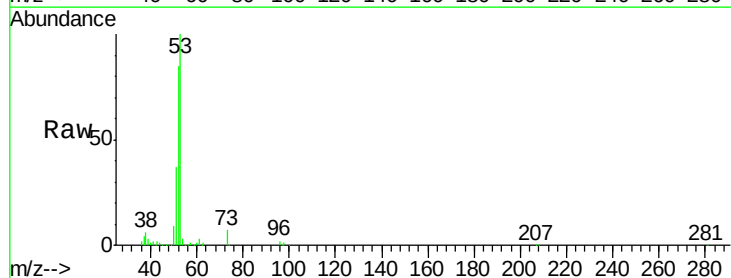
Tgt Ion: 53 Resp: 481453

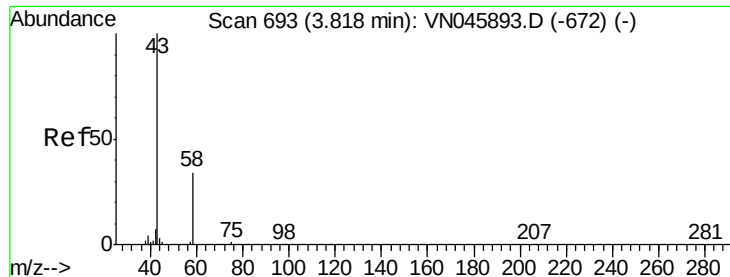
Ion Ratio Lower Upper

53 100

52 84.4 40.9 122.7

51 36.9 18.1 54.1





#15

Acetone

Concen: 147.91 ug/l

RT: 3.82 min Scan# 693

Delta R.T. 0.00 min

Lab File: VN046329.D

Acq: 5 Jan 2018 12:12

Instrument :

MSVOA_N

ClientSampleId :

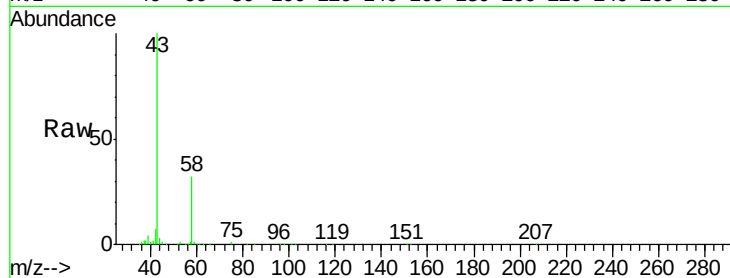
VN0105WBS01

Tgt Ion: 58 Resp: 173993

Ion Ratio Lower Upper

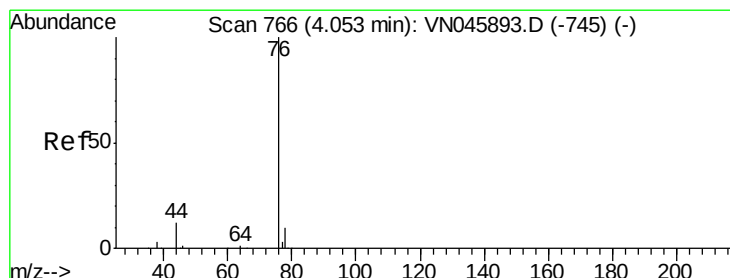
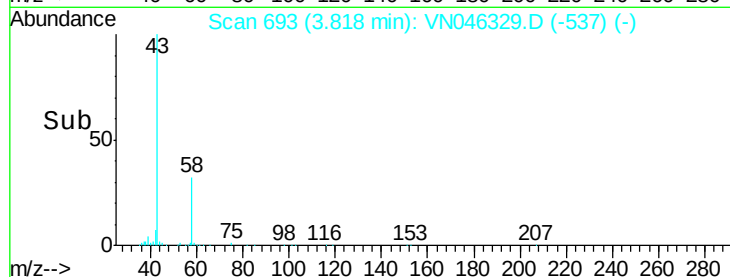
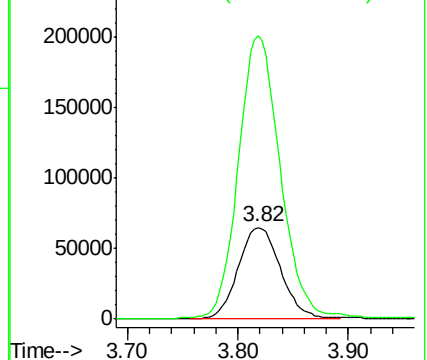
58 100

43 308.5 235.0 352.6



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 15.93 ug/l

RT: 4.05 min Scan# 765

Delta R.T. -0.00 min

Lab File: VN046329.D

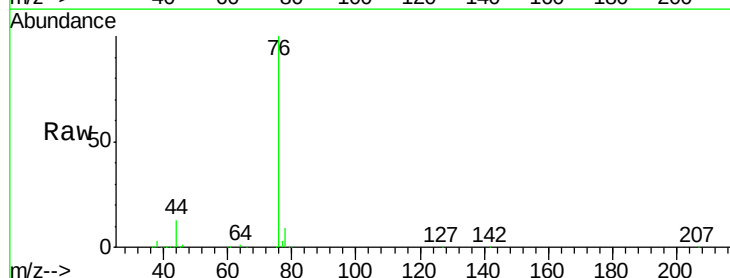
Acq: 5 Jan 2018 12:12

Tgt Ion: 76 Resp: 414785

Ion Ratio Lower Upper

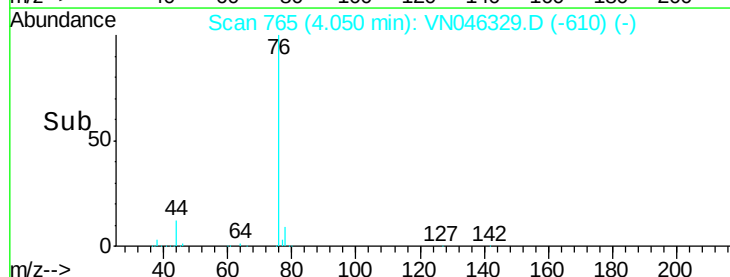
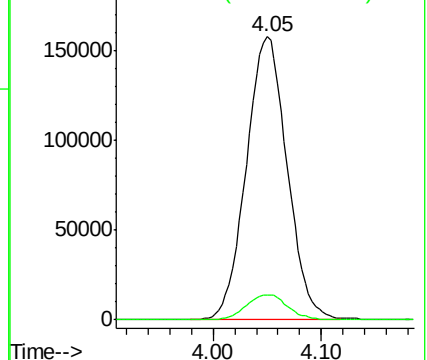
76 100

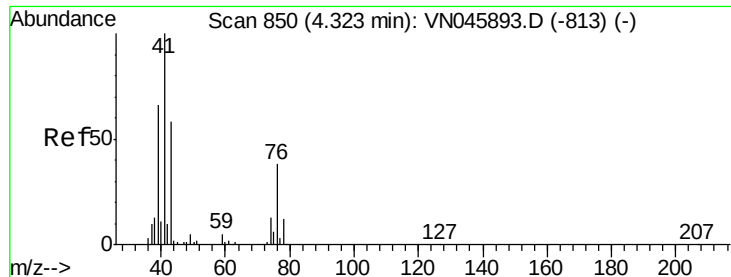
78 9.0 7.7 11.5



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0

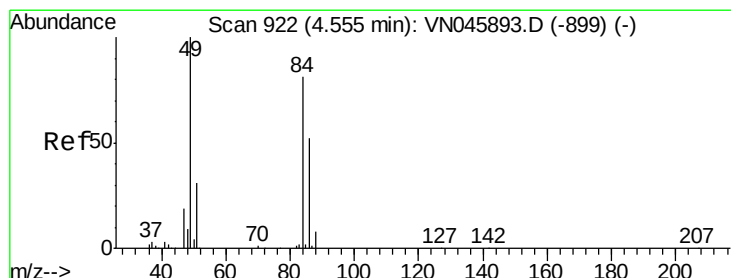
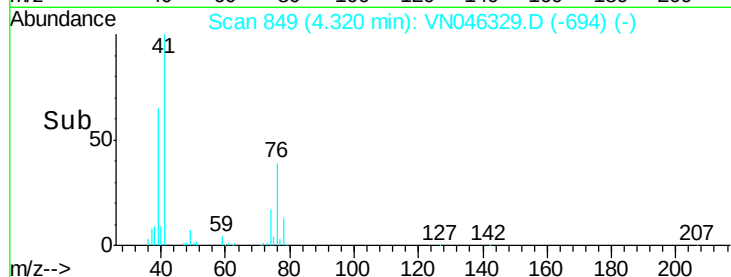
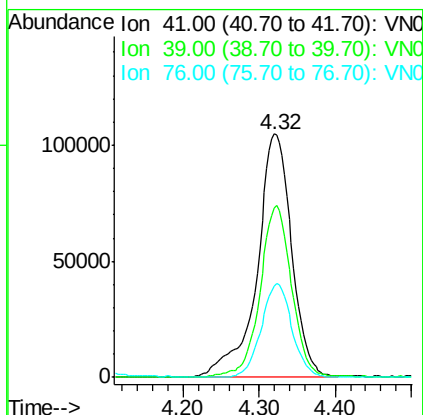
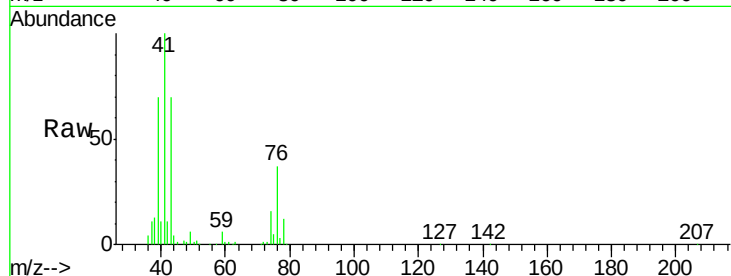




#17
 Allyl chloride
 Concen: 19.40 ug/l
 RT: 4.32 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: VN046329.D
 Acq: 5 Jan 2018 12:12

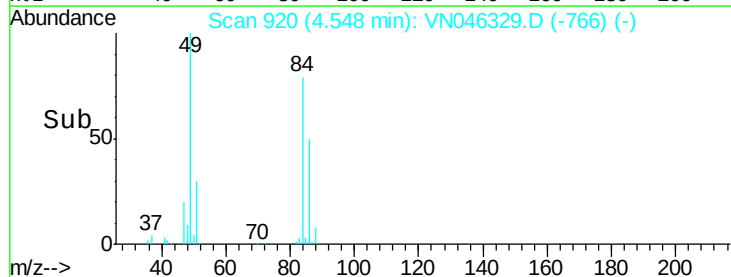
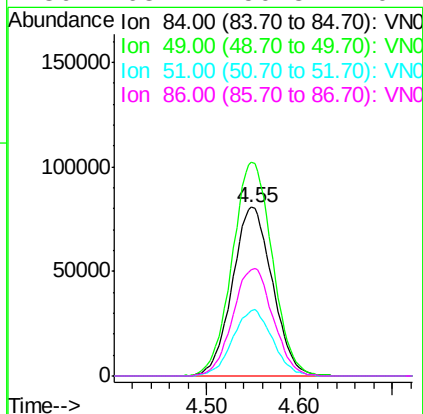
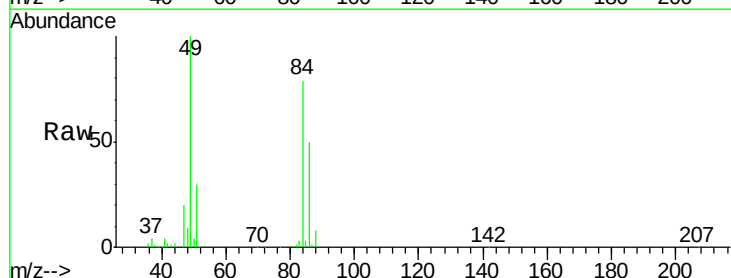
Instrument :
 MSVOA_N
 ClientSampled :
 VN0105WBS01

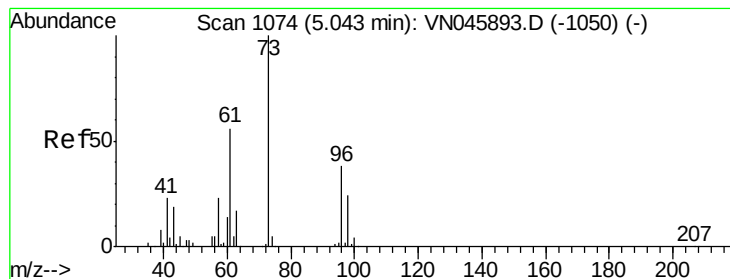
Tgt Ion:	41	Resp:	330565
Ion	Ratio	Lower	Upper
41	100		
39	69.5	33.0	99.0
76	37.2	18.9	56.7



#18
 Methylene Chloride
 Concen: 19.65 ug/l
 RT: 4.55 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VN046329.D
 Acq: 5 Jan 2018 12:12

Tgt Ion:	84	Resp:	242065
Ion	Ratio	Lower	Upper
84	100		
49	126.5	98.5	147.7
51	38.4	30.9	46.3
86	63.1	50.8	76.2





#19

trans-1,2-Dichloroethene

Concen: 19.40 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VN046329.D

Acq: 5 Jan 2018 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0105WBS01

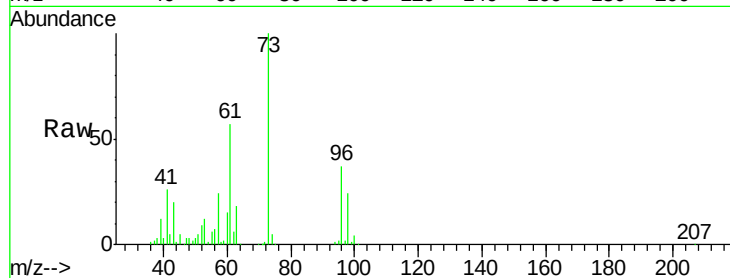
Tgt Ion: 96 Resp: 189192

Ion Ratio Lower Upper

96 100

61 151.6 118.7 178.1

98 64.2 51.6 77.4

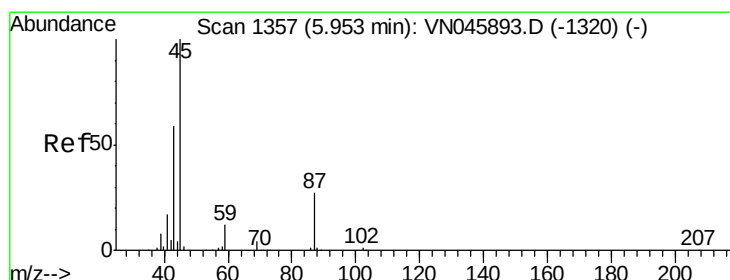
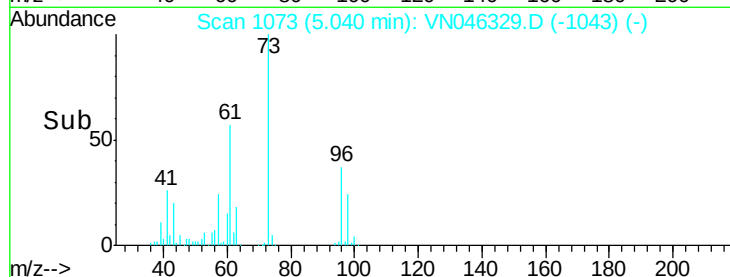
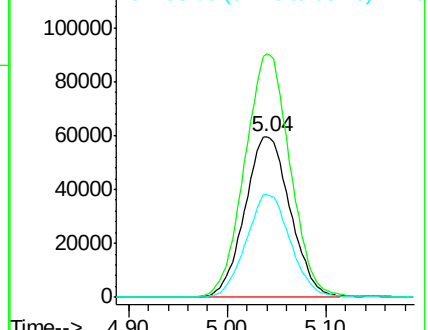


Abundance

Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#20

Diisopropyl ether

Concen: 21.10 ug/l

RT: 5.95 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VN046329.D

Acq: 5 Jan 2018 12:12

Tgt Ion: 45 Resp: 791833

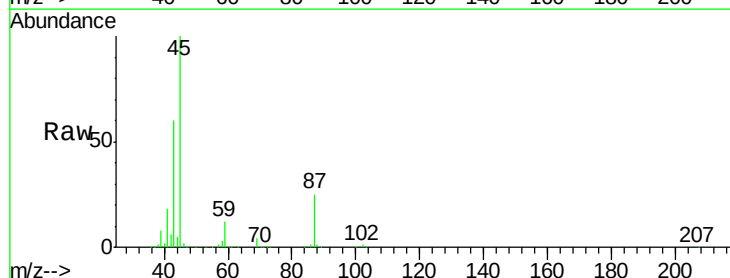
Ion Ratio Lower Upper

45 100

43 58.5 47.2 70.8

87 25.1 21.5 32.3

59 12.1 9.4 14.0



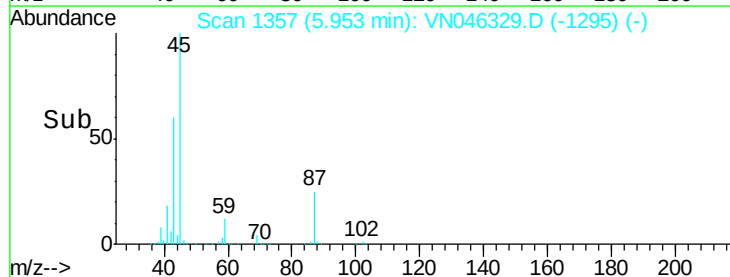
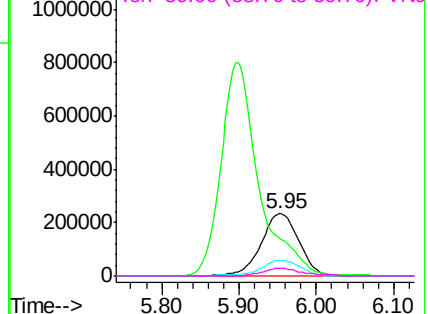
Abundance

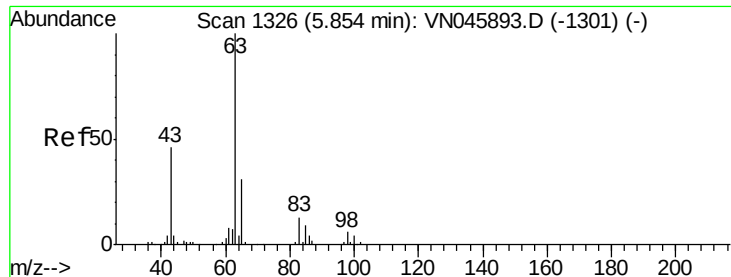
Ion 45.00 (44.70 to 45.70): VN0

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

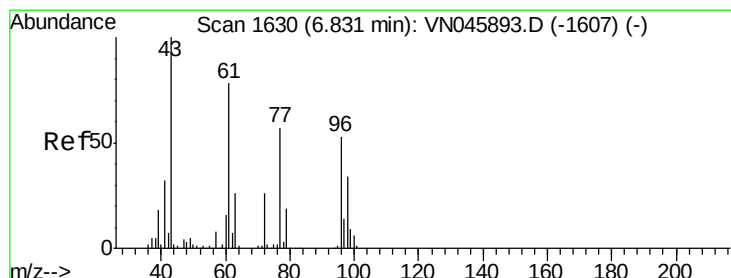
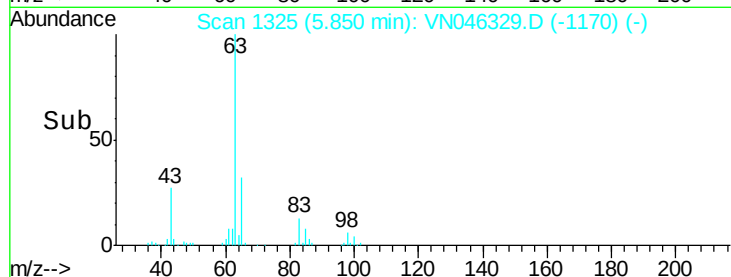
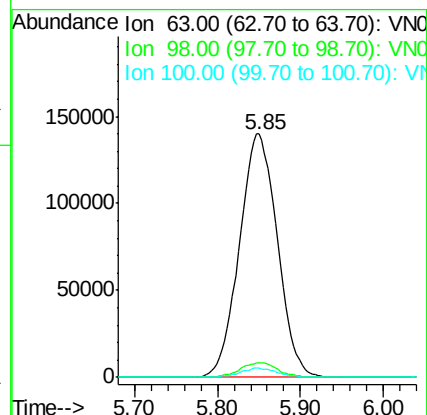
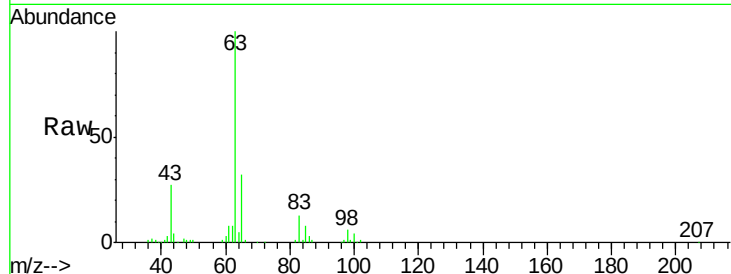




#21
 1,1-Dichloroethane
 Concen: 20.87 ug/l
 RT: 5.85 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: VN046329.D
 Acq: 5 Jan 2018 12:12

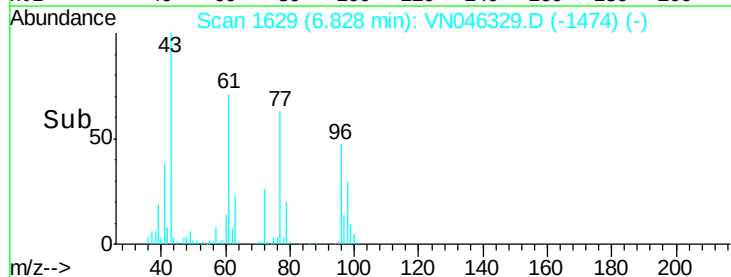
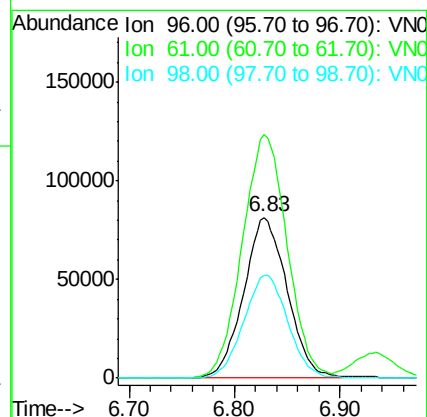
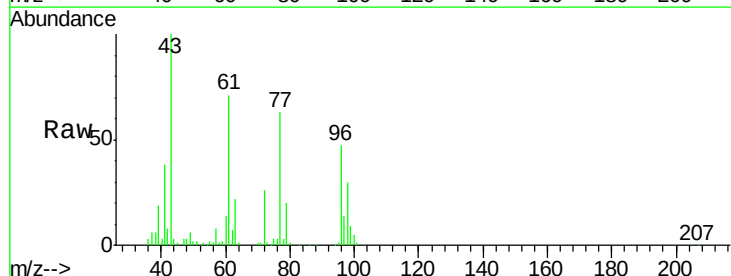
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0105WBS01

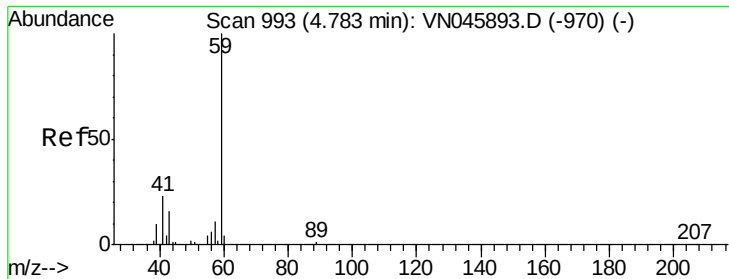
Tgt Ion: 63 Resp: 445068
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.0 9.2
 100 3.9 1.9 5.7



#22
 cis-1,2-Dichloroethene
 Concen: 19.48 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: VN046329.D
 Acq: 5 Jan 2018 12:12

Tgt Ion: 96 Resp: 233811
 Ion Ratio Lower Upper
 96 100
 61 155.8 121.3 181.9
 98 64.7 52.1 78.1



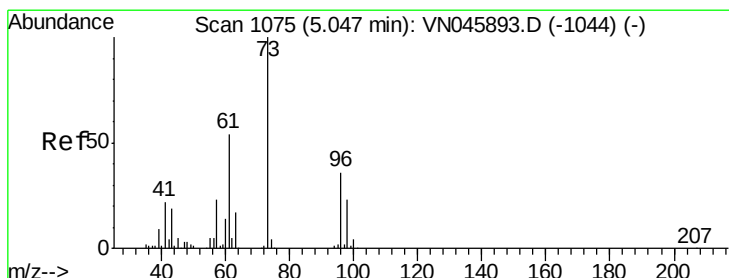
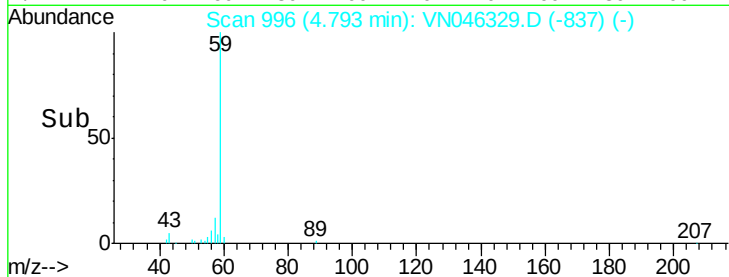
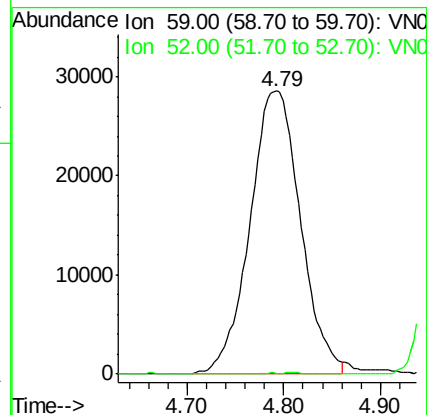
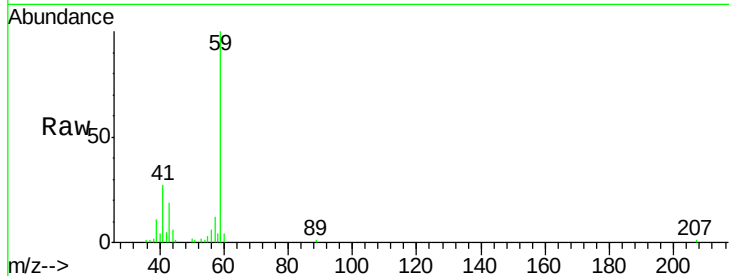


#23

tert-Butyl Alcohol
 Concen: 120.99 ug/l
 RT: 4.79 min Scan# 996
 Delta R.T. 0.01 min
 Lab File: VN046329.D
 Acq: 5 Jan 2018 12:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0105WBS01

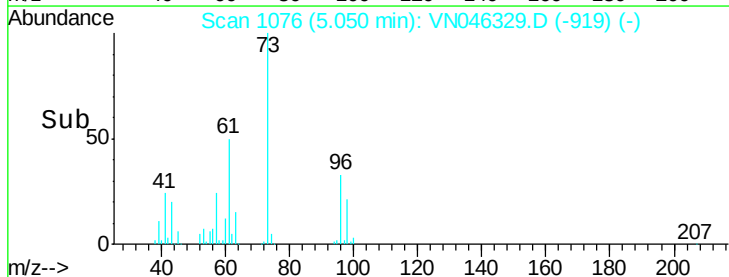
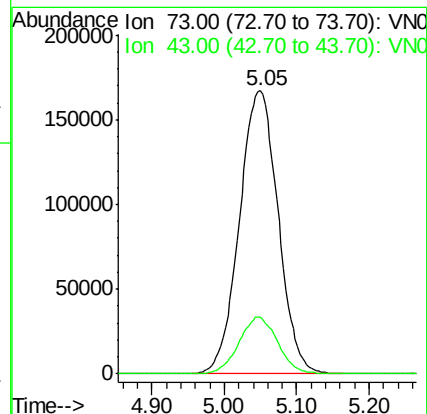
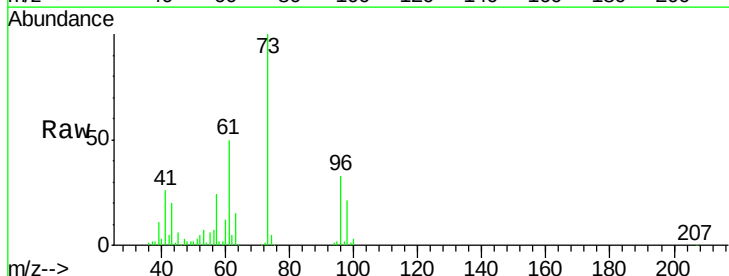
Tgt Ion: 59 Resp: 103829
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.1 0.1#

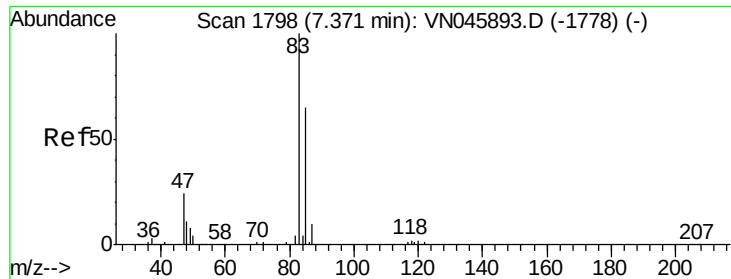


#24

Methyl tert-Butyl Ether
 Concen: 20.40 ug/l
 RT: 5.05 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: VN046329.D
 Acq: 5 Jan 2018 12:12

Tgt Ion: 73 Resp: 620308
 Ion Ratio Lower Upper
 73 100
 43 19.6 15.3 22.9

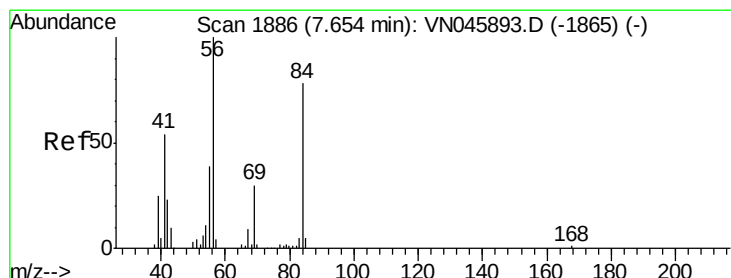
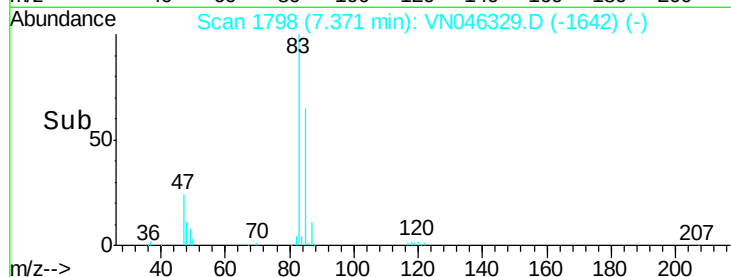
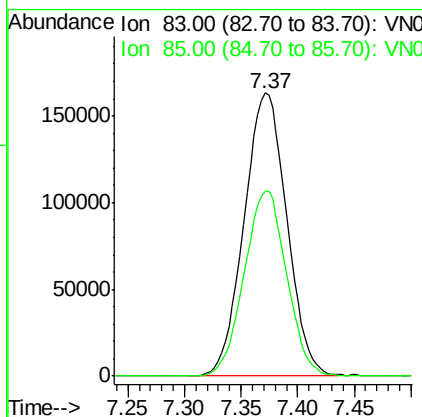
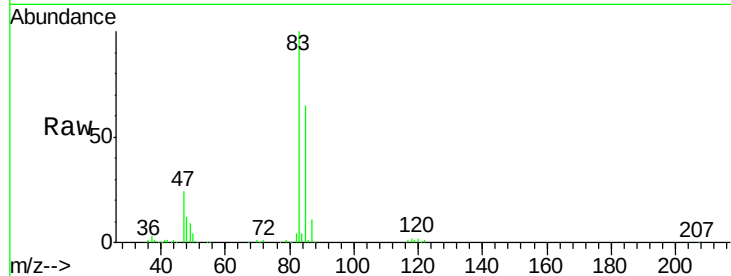




#25
Chloroform
Concen: 21.20 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VN046329.D
Acq: 5 Jan 2018 12:12

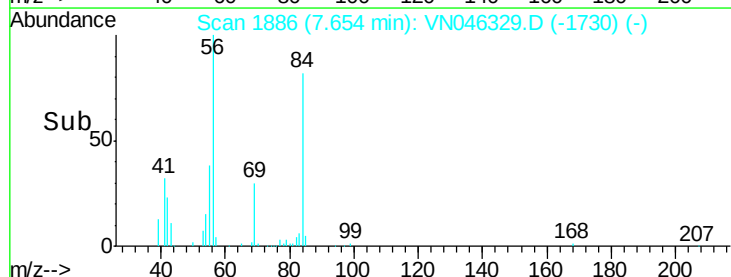
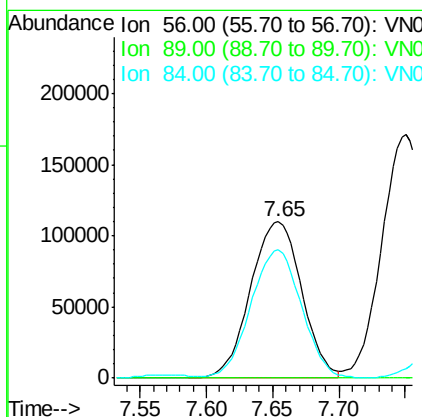
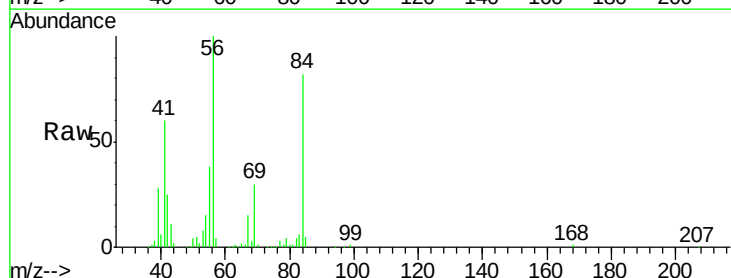
Instrument :
MSVOA_N
ClientSampleId :
VN0105WBS01

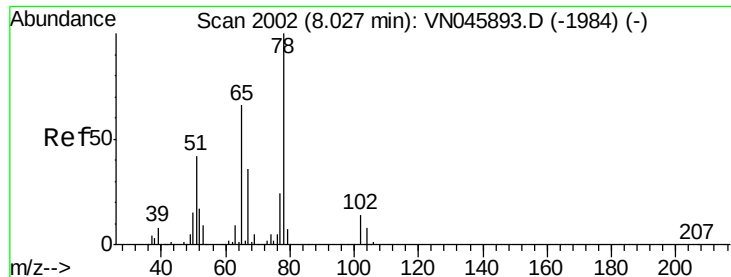
Tgt Ion: 83 Resp: 428487
Ion Ratio Lower Upper
83 100
85 65.2 51.8 77.6



#26
Cyclohexane
Concen: 20.27 ug/l
RT: 7.65 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VN046329.D
Acq: 5 Jan 2018 12:12

Tgt Ion: 56 Resp: 296476
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 80.5 65.0 97.4

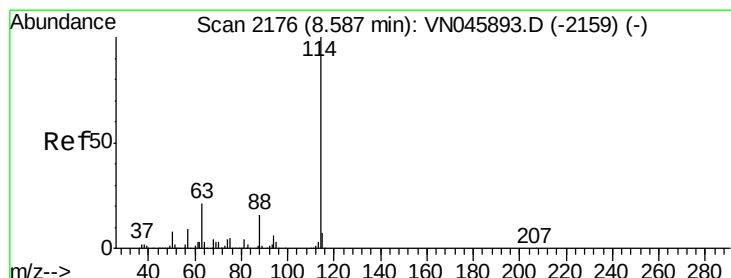
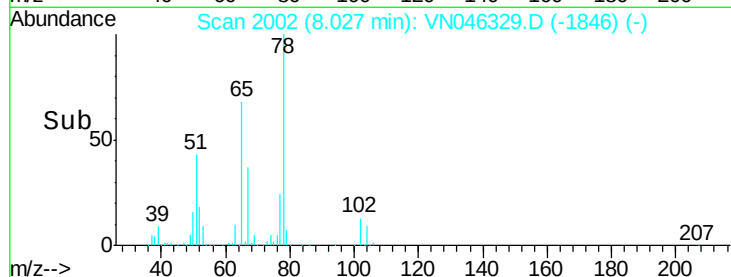
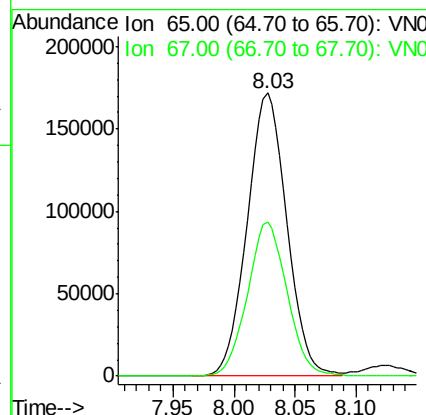
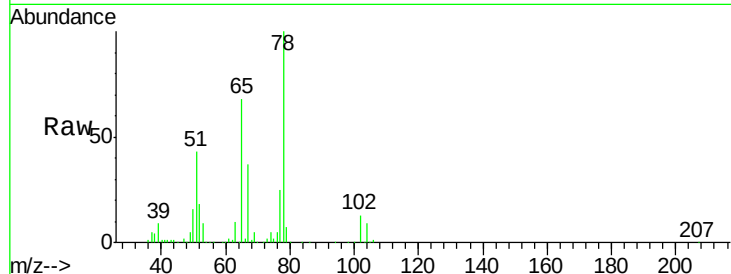




#27
 1,2-Dichloroethane-d4
 Concen: 31.45 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN046329.D
 Acq: 5 Jan 2018 12:12

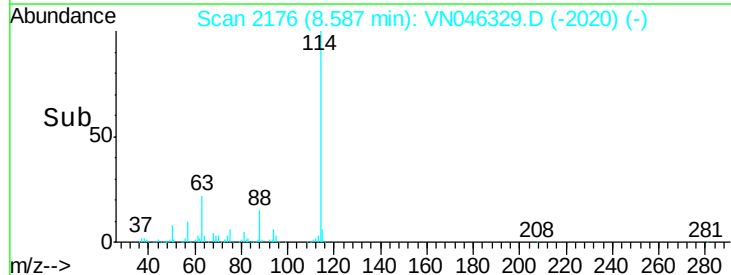
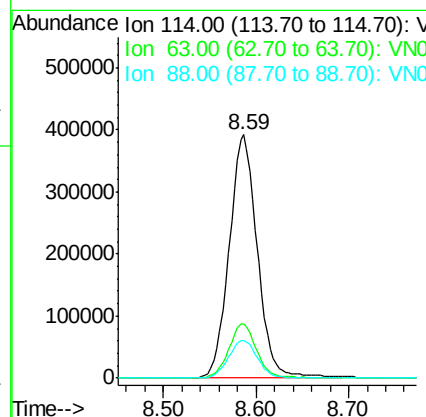
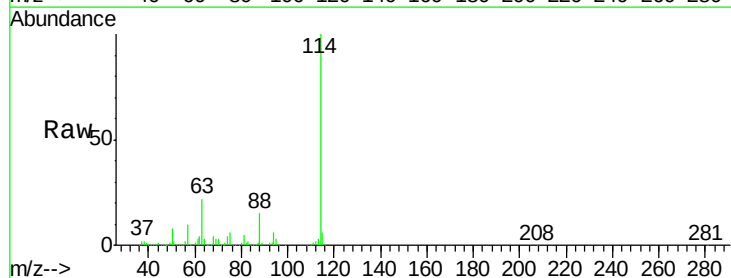
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0105WBS01

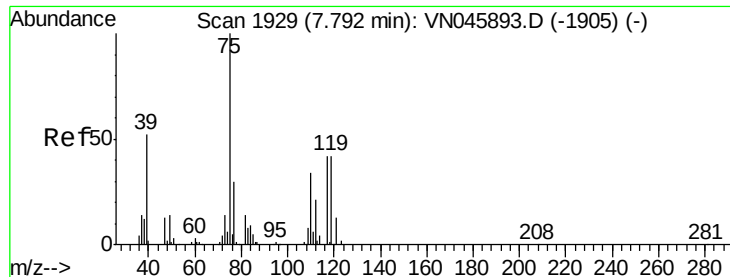
Tgt Ion: 65 Resp: 385771
 Ion Ratio Lower Upper
 65 100
 67 54.3 42.9 64.3



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN046329.D
 Acq: 5 Jan 2018 12:12

Tgt Ion: 114 Resp: 825718
 Ion Ratio Lower Upper
 114 100
 63 21.8 16.7 25.1
 88 16.0 12.7 19.1





#29

1,1-Dichloropropene

Concen: 21.36 ug/l

RT: 7.79 min Scan# 1929

Delta R.T. 0.00 min

Lab File: VN046329.D

Acq: 5 Jan 2018 12:12

Instrument :

MSVOA_N

ClientSampled :

VN0105WBS01

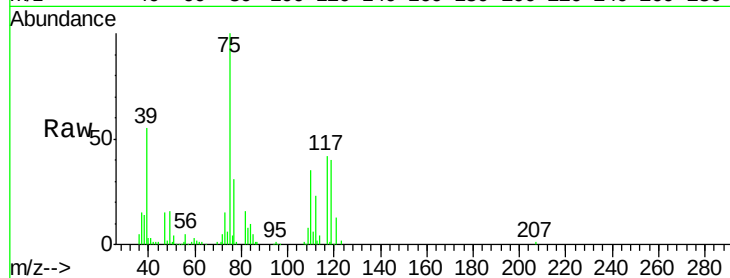
Tgt Ion: 75 Resp: 275447

Ion Ratio Lower Upper

75 100

110 34.7 0.0 67.0

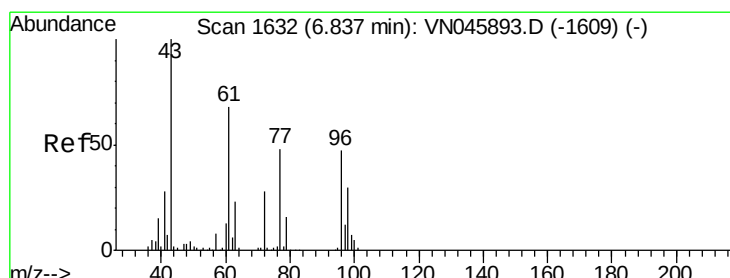
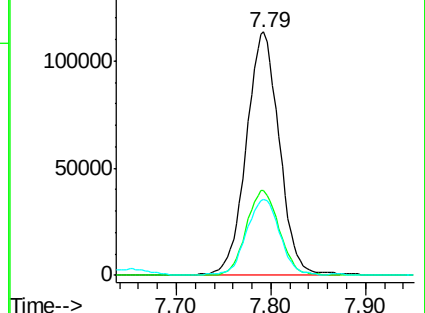
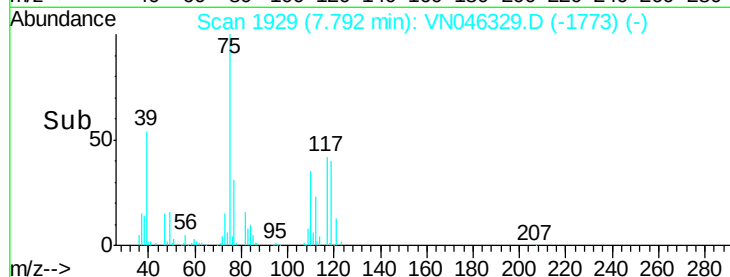
77 31.2 0.0 60.6



Abundance Ion 75.00 (74.70 to 75.70): VN046329.D (-1773) (-)

Ion 110.00 (109.70 to 110.70): VN046329.D (-1773) (-)

Ion 77.00 (76.70 to 77.70): VN046329.D (-1773) (-)



#30

2-Butanone

Concen: 132.40 ug/l

RT: 6.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VN046329.D

Acq: 5 Jan 2018 12:12

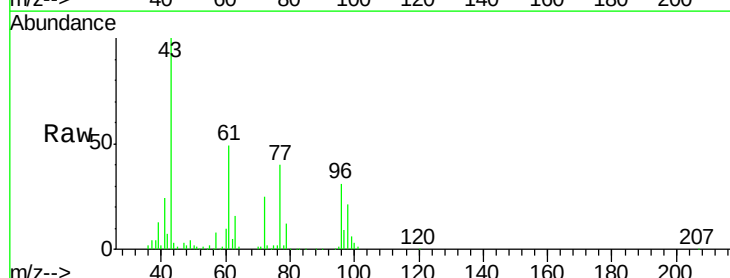
Tgt Ion: 43 Resp: 606708

Ion Ratio Lower Upper

43 100

57 8.1 6.7 10.1

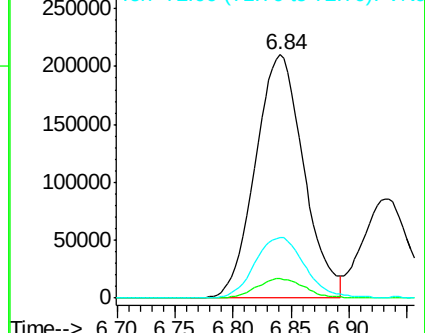
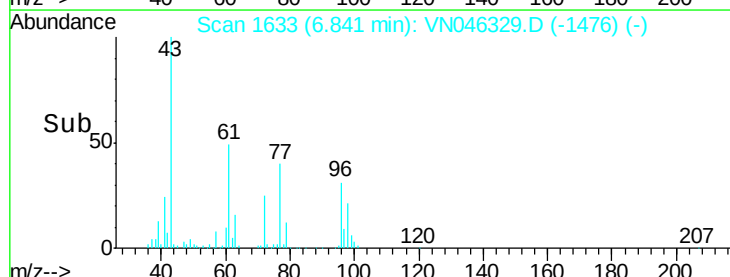
72 25.9 22.2 33.4

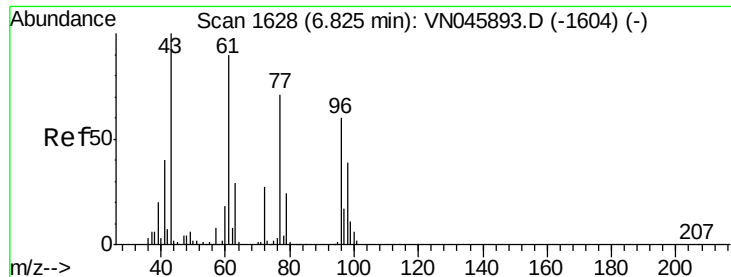


Abundance Ion 43.00 (42.70 to 43.70): VN046329.D (-1476) (-)

Ion 57.00 (56.70 to 57.70): VN046329.D (-1476) (-)

Ion 72.00 (71.70 to 72.70): VN046329.D (-1476) (-)

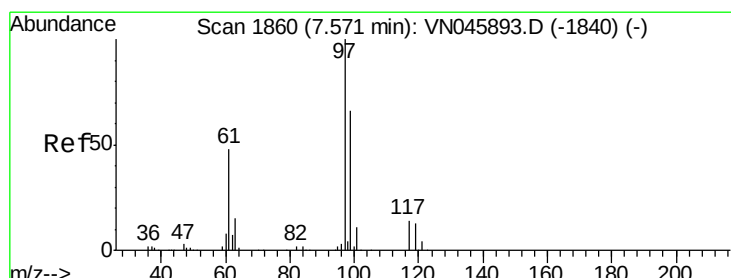
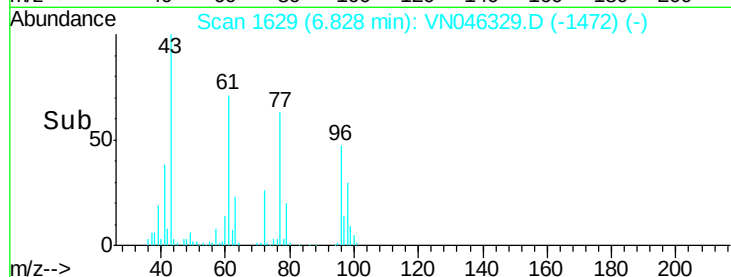
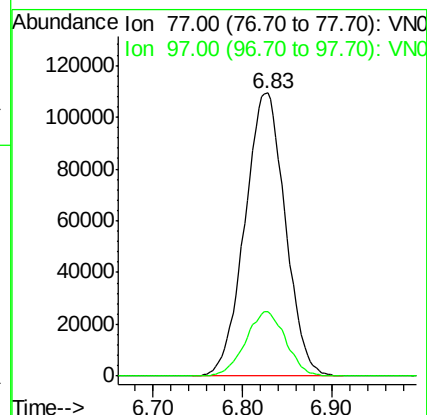
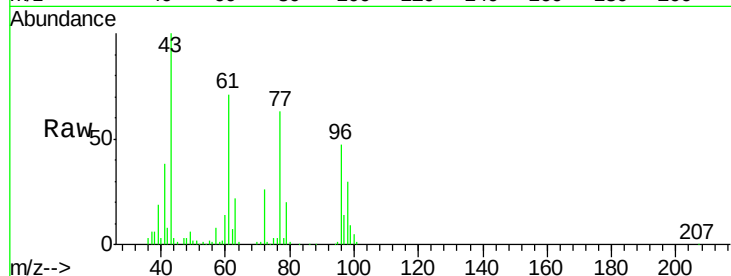




#31
 2,2-Dichloropropane
 Concen: 23.79 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. 0.00 min
 Lab File: VN046329.D
 Acq: 5 Jan 2018 12:12

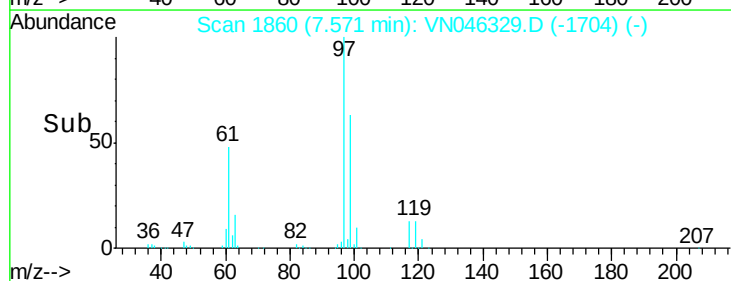
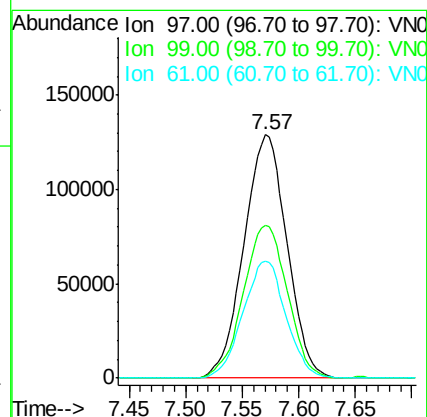
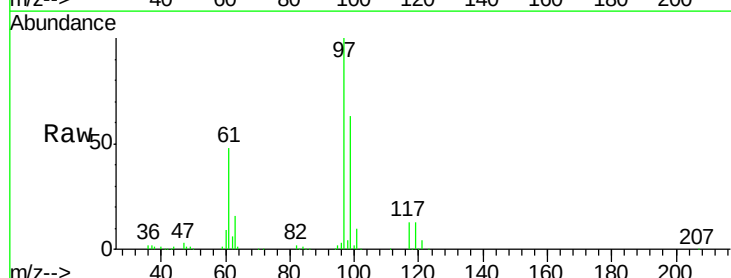
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0105WBS01

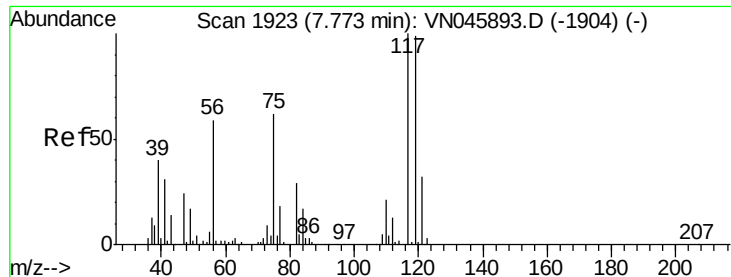
Tgt Ion: 77 Resp: 344734
 Ion Ratio Lower Upper
 77 100
 97 22.6 18.8 28.2



#32
 1,1,1-Trichloroethane
 Concen: 23.03 ug/l
 RT: 7.57 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN046329.D
 Acq: 5 Jan 2018 12:12

Tgt Ion: 97 Resp: 341871
 Ion Ratio Lower Upper
 97 100
 99 64.4 51.7 77.5
 61 47.9 36.9 55.3





#33

Carbon Tetrachloride

Concen: 23.28 ug/l

RT: 7.77 min Scan# 1923

Delta R.T. 0.00 min

Lab File: VN046329.D

Acq: 5 Jan 2018 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0105WBS01

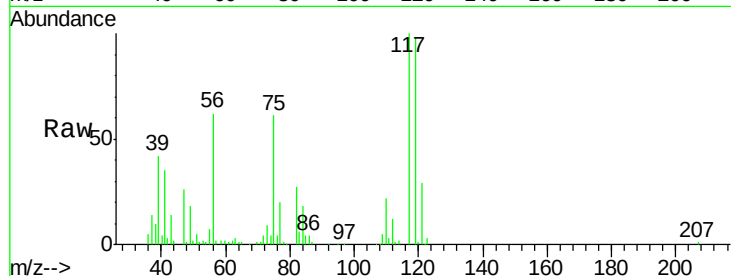
Tgt Ion:117 Resp: 244647

Ion Ratio Lower Upper

117 100

119 97.4 79.3 118.9

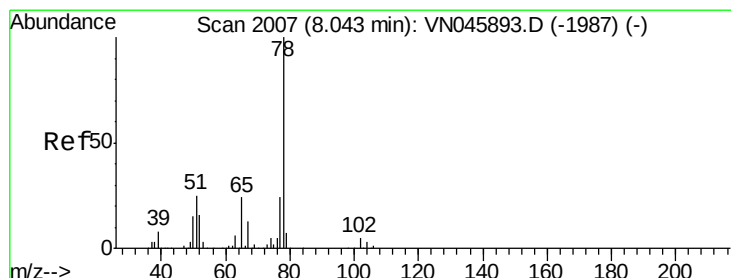
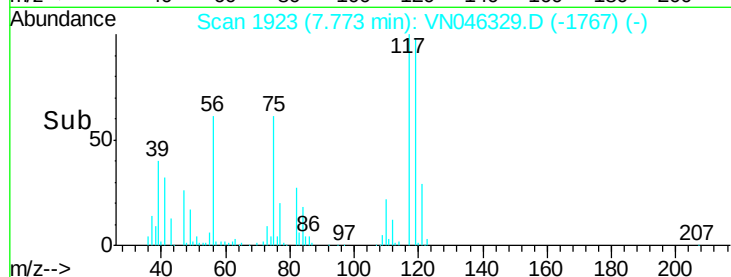
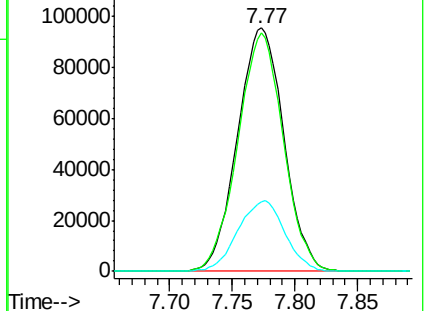
121 28.6 25.7 38.5



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 20.45 ug/l

RT: 8.04 min Scan# 2006

Delta R.T. -0.00 min

Lab File: VN046329.D

Acq: 5 Jan 2018 12:12

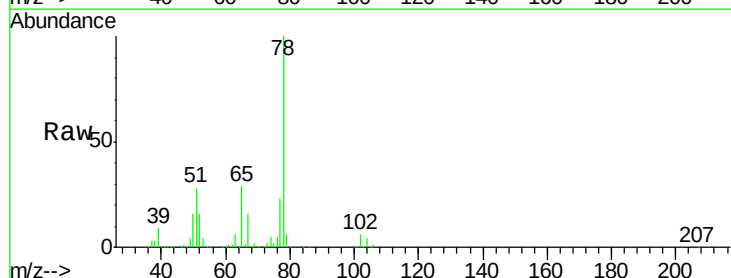
Tgt Ion: 78 Resp: 926984

Ion Ratio Lower Upper

78 100

77 23.3 18.8 28.2

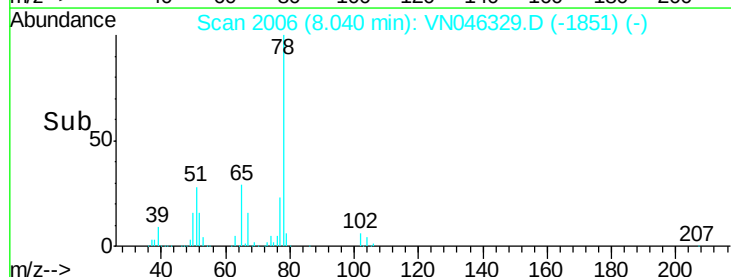
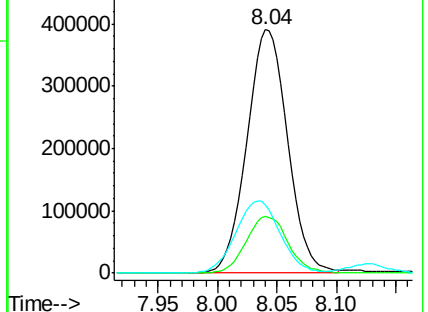
51 28.0 19.8 29.8

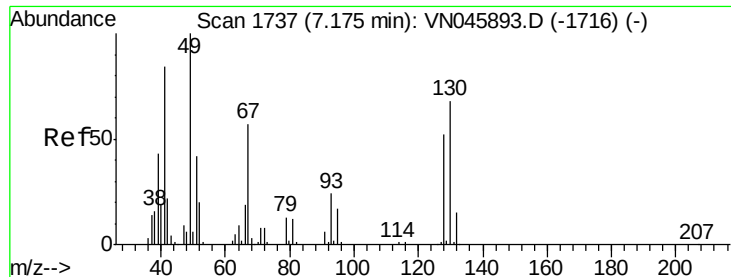


Abundance Ion 78.10 (77.80 to 78.80): V

Ion 77.00 (76.70 to 77.70): V

Ion 51.00 (50.70 to 51.70): V

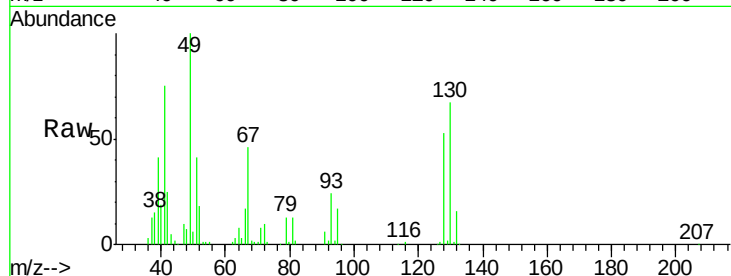




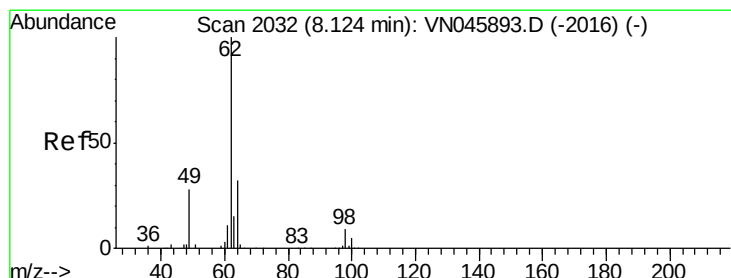
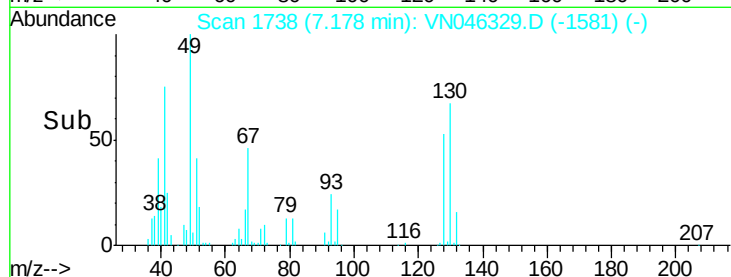
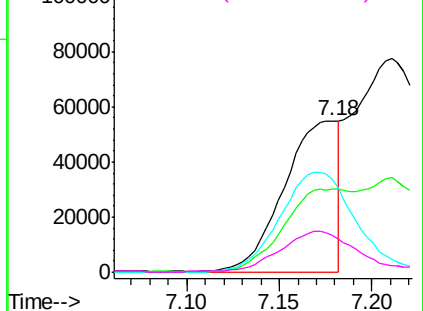
#35
Methacrylonitrile
Concen: 20.63 ug/l
RT: 7.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN046329.D
Acq: 5 Jan 2018 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0105WBS01

Tgt Ion: 41 Resp: 110962
Ion Ratio Lower Upper
41 100
39 54.5 25.4 76.0
67 61.9 33.8 101.3
52 24.3 11.7 35.0

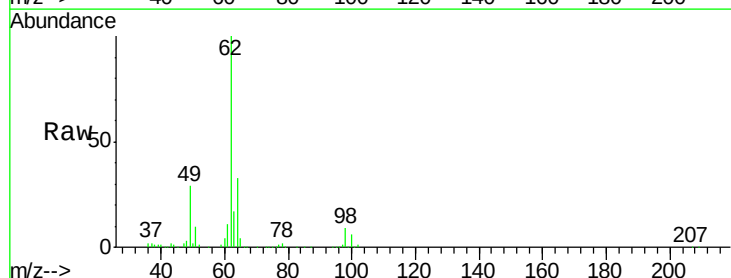


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

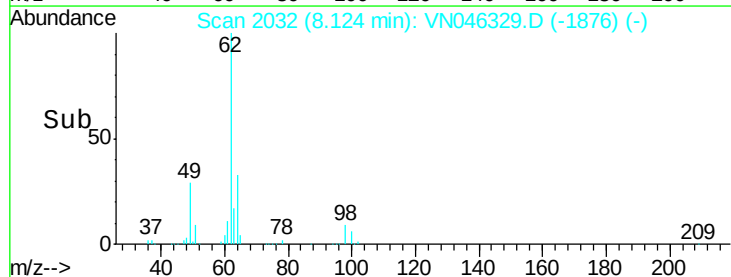
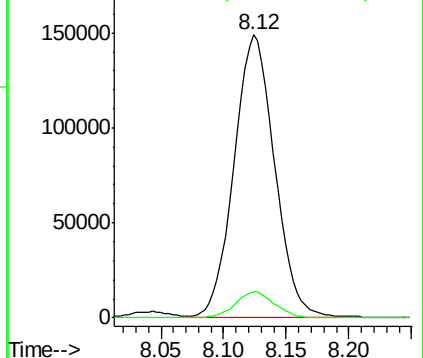


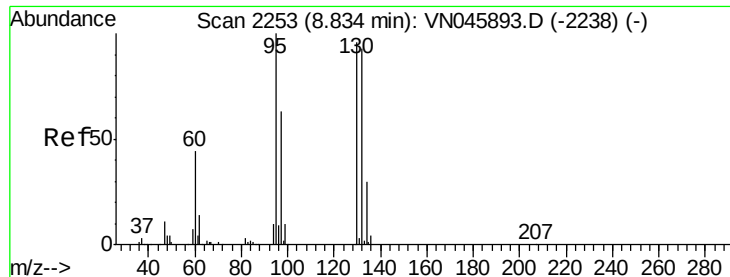
#36
1,2-Dichloroethane
Concen: 21.89 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. 0.00 min
Lab File: VN046329.D
Acq: 5 Jan 2018 12:12

Tgt Ion: 62 Resp: 335803
Ion Ratio Lower Upper
62 100
98 9.0 7.2 10.8



Abundance Ion 62.00 (61.70 to 62.70): VN0
Ion 98.00 (97.70 to 98.70): VN0





#37

Trichloroethene

Concen: 21.60 ug/l

RT: 8.83 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VN046329.D

Acq: 5 Jan 2018 12:12

Instrument :

MSVOA_N

ClientSampleId :

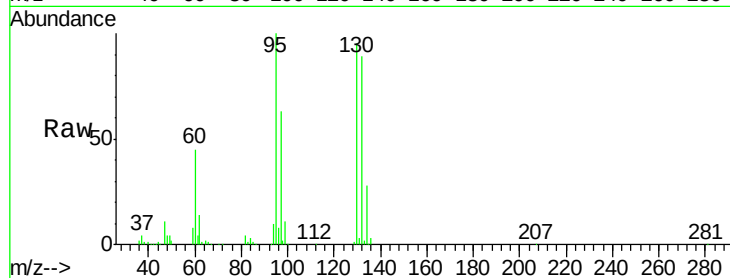
VN0105WBS01

Tgt Ion:130 Resp: 221895

Ion Ratio Lower Upper

130 100

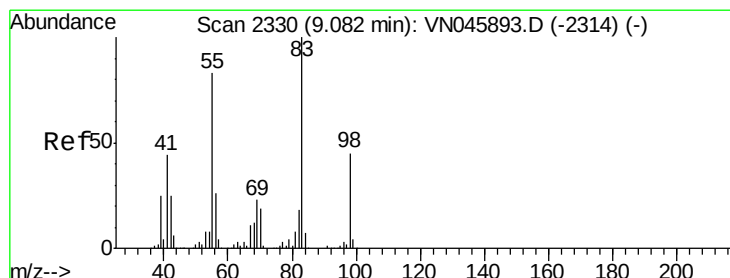
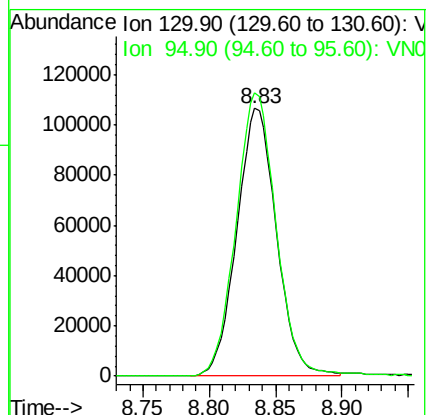
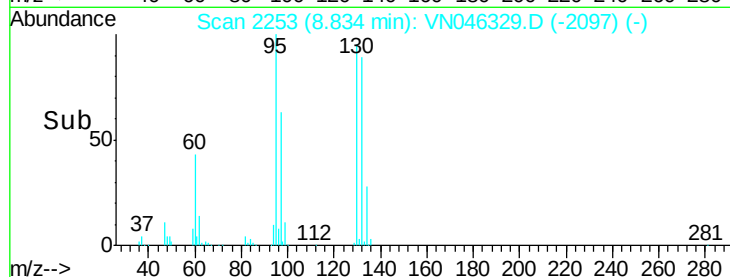
95 105.6 83.4 125.2



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN0

8.83



#38

Methylcyclohexane

Concen: 22.20 ug/l

RT: 9.08 min Scan# 2330

Delta R.T. 0.00 min

Lab File: VN046329.D

Acq: 5 Jan 2018 12:12

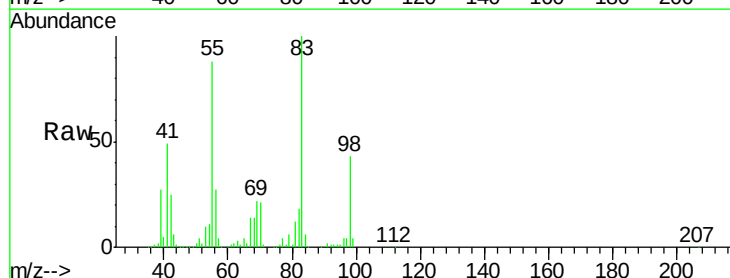
Tgt Ion: 83 Resp: 285383

Ion Ratio Lower Upper

83 100

55 84.9 41.3 123.9

98 43.2 22.7 68.0

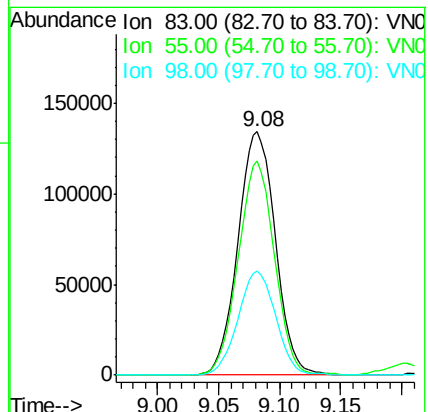
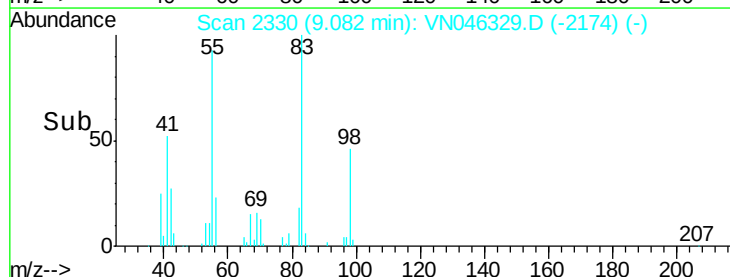


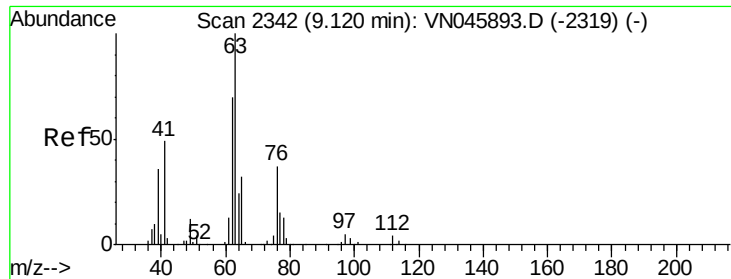
Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

9.08





#39

1,2-Dichloropropane

Concen: 21.48 ug/l

RT: 9.12 min Scan# 2342

Delta R.T. 0.00 min

Lab File: VN046329.D

Acq: 5 Jan 2018 12:12

Instrument :

MSVOA_N

ClientSampled :

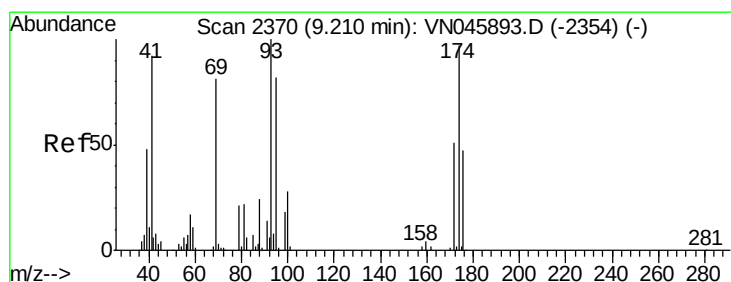
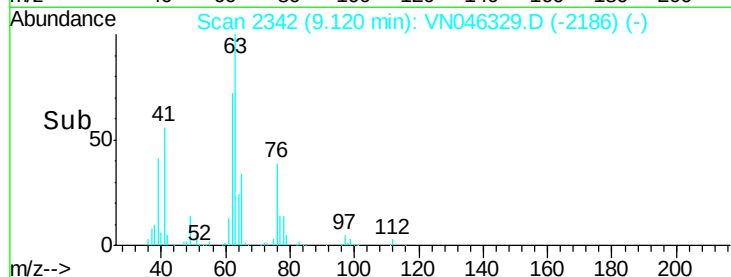
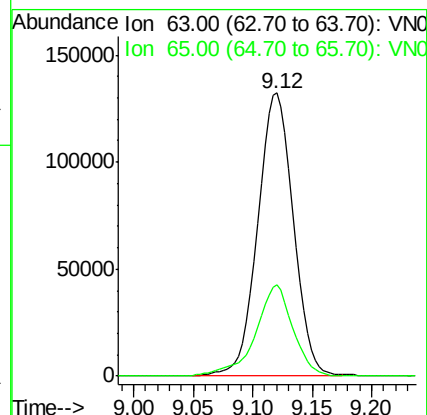
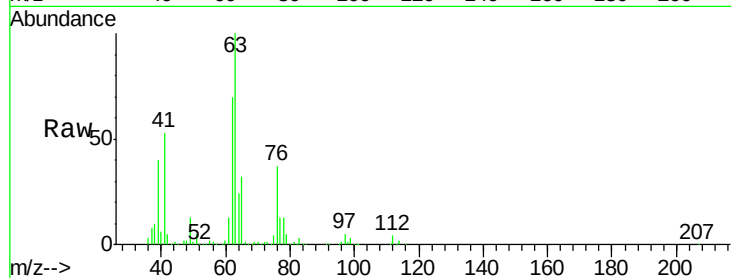
VN0105WBS01

Tgt Ion: 63 Resp: 274601

Ion Ratio Lower Upper

63 100

65 32.1 25.8 38.6



#40

Dibromomethane

Concen: 21.79 ug/l

RT: 9.21 min Scan# 2369

Delta R.T. -0.00 min

Lab File: VN046329.D

Acq: 5 Jan 2018 12:12

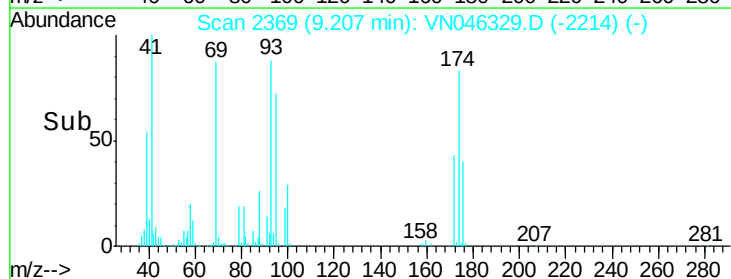
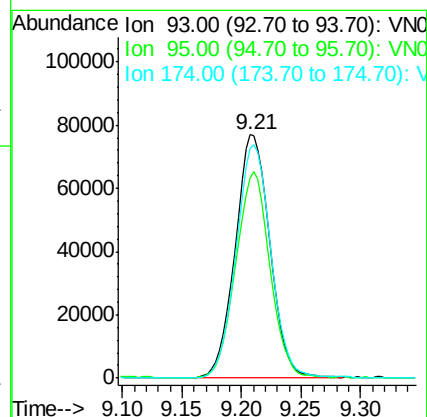
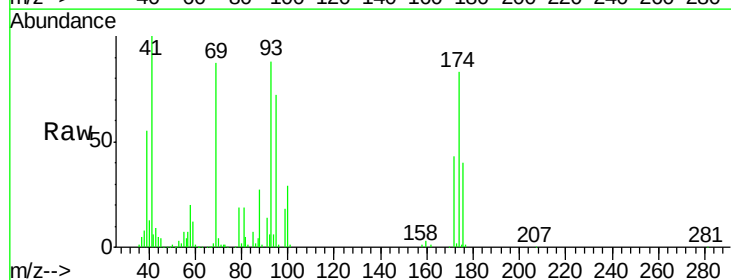
Tgt Ion: 93 Resp: 155937

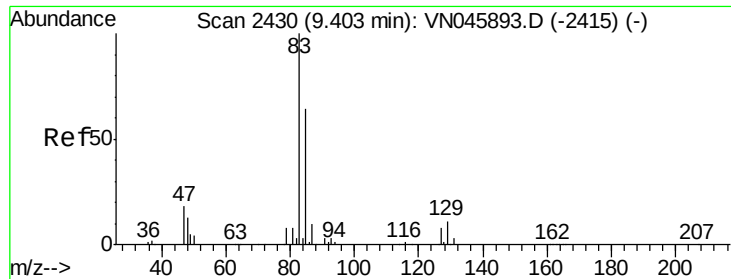
Ion Ratio Lower Upper

93 100

95 83.7 0.0 164.2

174 95.8 0.0 196.8

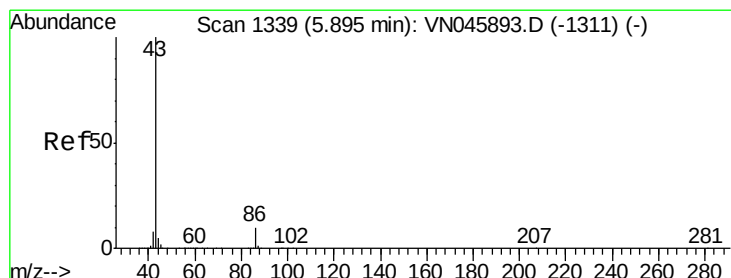
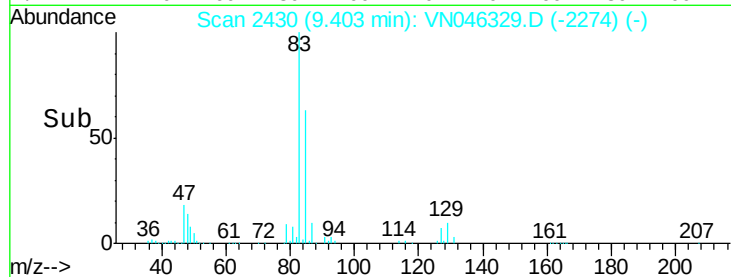
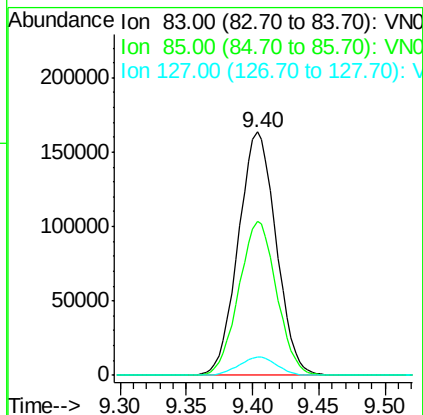
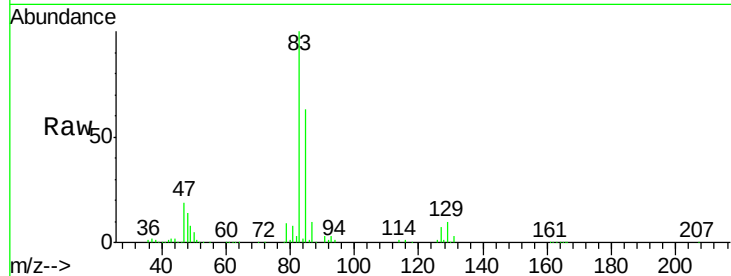




#41
 Bromodichloromethane
 Concen: 22.52 ug/l
 RT: 9.40 min Scan# 2430
 Delta R.T. 0.00 min
 Lab File: VN046329.D
 Acq: 5 Jan 2018 12:12

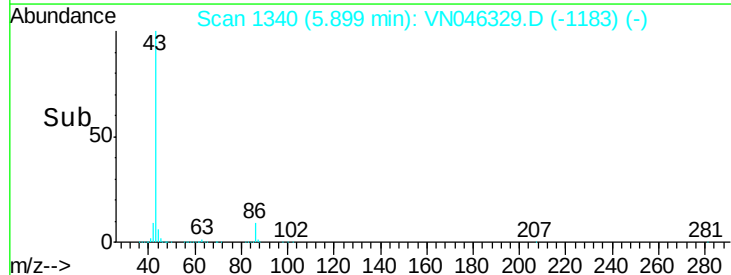
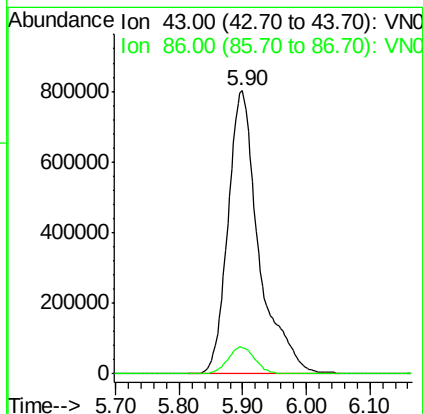
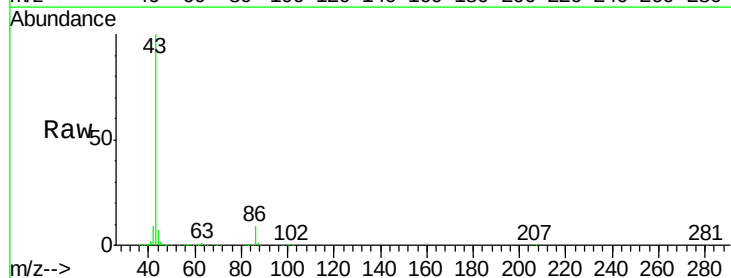
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0105WBS01

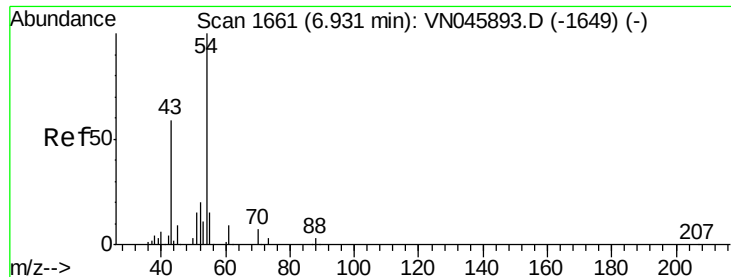
Tgt Ion: 83 Resp: 324483
 Ion Ratio Lower Upper
 83 100
 85 63.1 50.9 76.3
 127 7.5 6.2 9.4



#42
 Vinyl Acetate
 Concen: 109.19 ug/l
 RT: 5.90 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VN046329.D
 Acq: 5 Jan 2018 12:12

Tgt Ion: 43 Resp: 2715011
 Ion Ratio Lower Upper
 43 100
 86 8.4 6.9 10.3

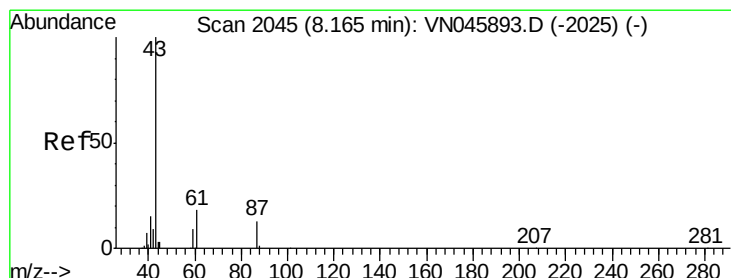
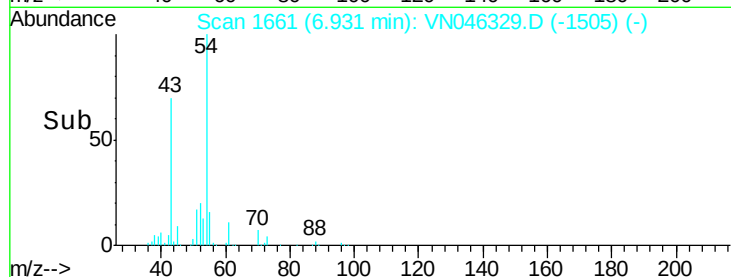
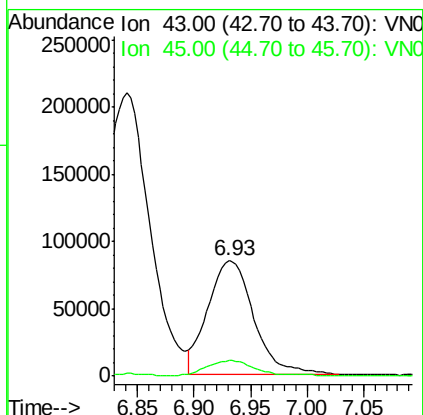
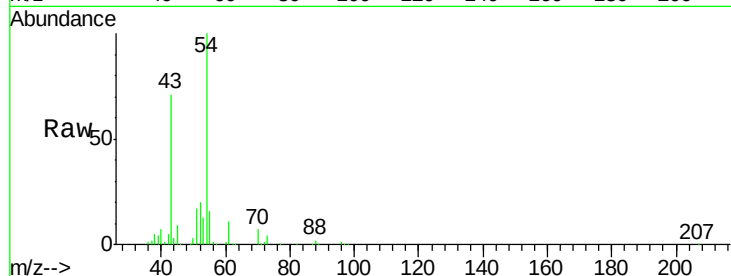




#43
Ethyl Acetate
Concen: 24.02 ug/l
RT: 6.93 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VN046329.D
Acq: 5 Jan 2018 12:12

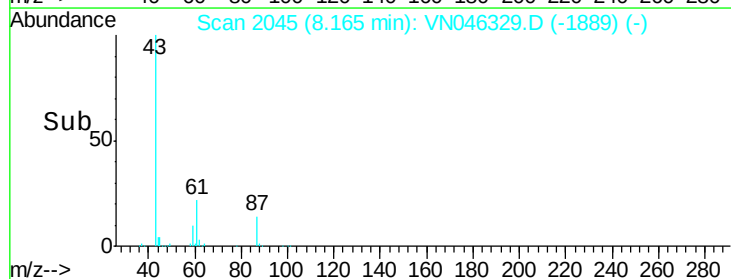
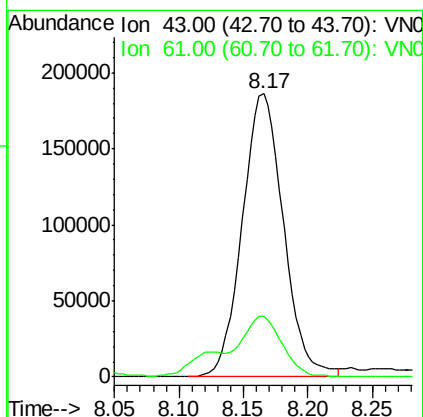
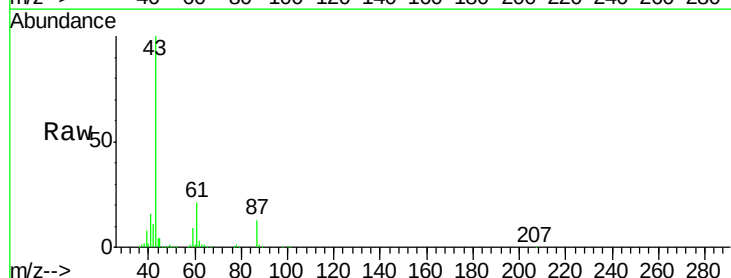
Instrument :
MSVOA_N
ClientSampleId :
VN0105WBS01

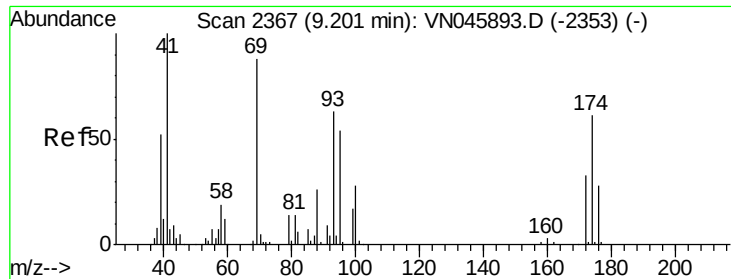
Tgt Ion: 43 Resp: 238086
Ion Ratio Lower Upper
43 100
45 13.0 9.8 14.8



#44
Isopropyl Acetate
Concen: 23.37 ug/l
RT: 8.17 min Scan# 2045
Delta R.T. 0.00 min
Lab File: VN046329.D
Acq: 5 Jan 2018 12:12

Tgt Ion: 43 Resp: 413091
Ion Ratio Lower Upper
43 100
61 20.6 15.8 23.8

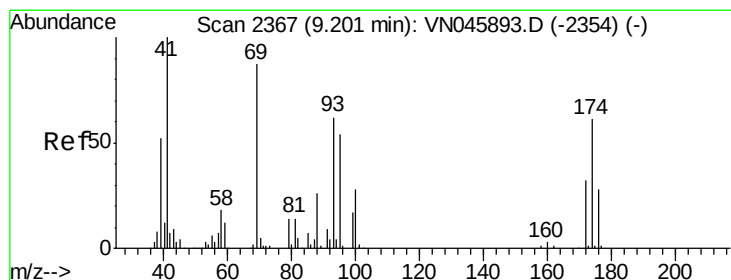
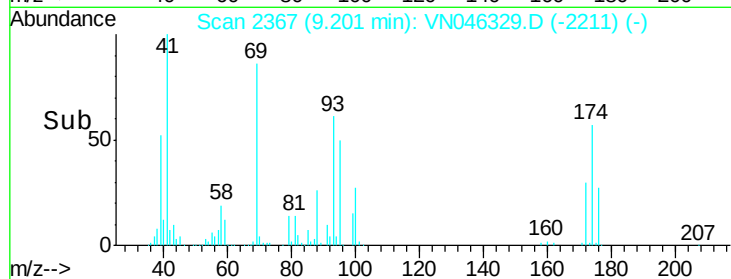
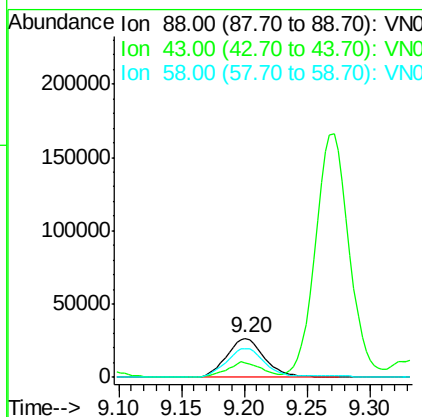
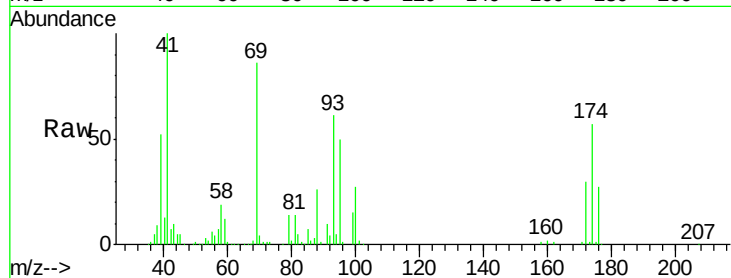




#45
 1,4-Dioxane
 Concen: 477.64 ug/l
 RT: 9.20 min Scan# 2367
 Delta R.T. 0.00 min
 Lab File: VN046329.D
 Acq: 5 Jan 2018 12:12

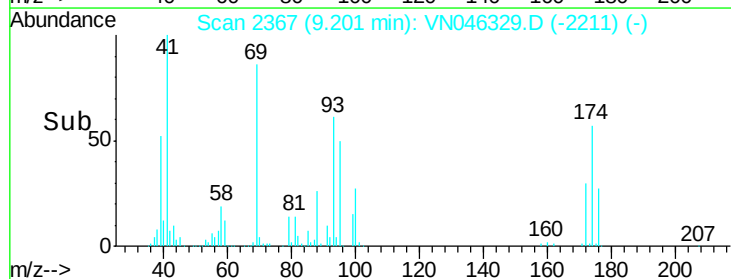
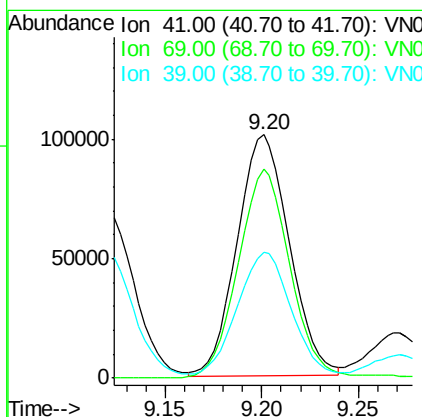
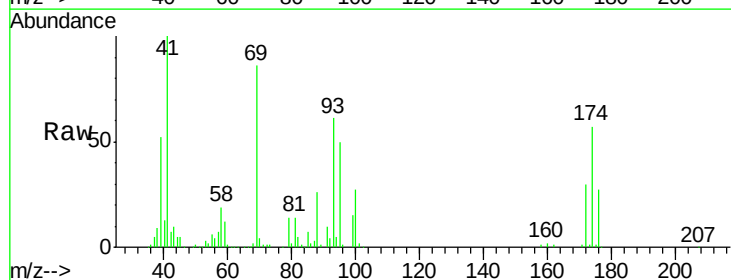
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0105WBS01

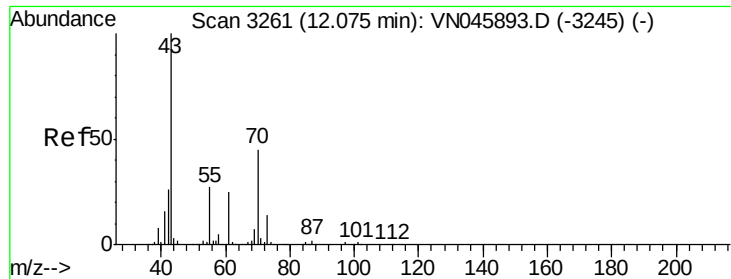
Tgt Ion: 88 Resp: 56437
 Ion Ratio Lower Upper
 88 100
 43 34.0 27.3 40.9
 58 73.2 60.2 90.4



#46
 Methyl methacrylate
 Concen: 22.11 ug/l
 RT: 9.20 min Scan# 2367
 Delta R.T. 0.00 min
 Lab File: VN046329.D
 Acq: 5 Jan 2018 12:12

Tgt Ion: 41 Resp: 190253
 Ion Ratio Lower Upper
 41 100
 69 87.3 43.5 130.4
 39 51.3 26.1 78.2





#47

n-amyI Acetate

Concen: 22.91 ug/l

RT: 12.08 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN046329.D

Acq: 5 Jan 2018 12:12

Instrument :

MSVOA_N

ClientSampleId :

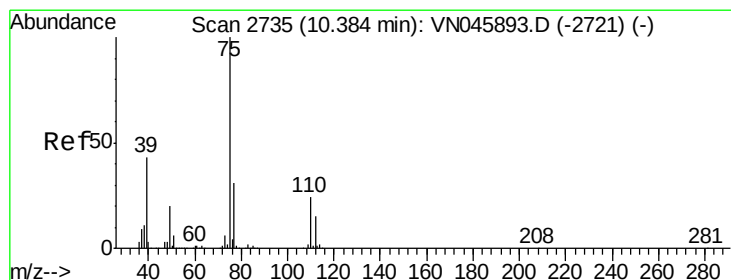
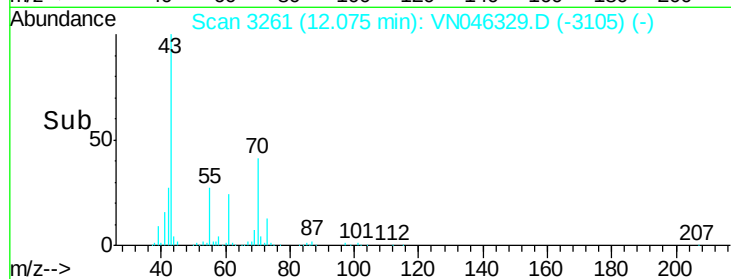
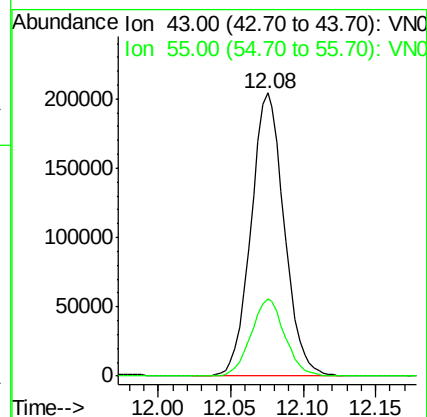
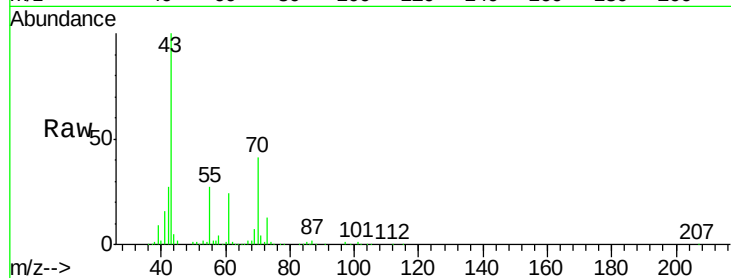
VN0105WBS01

Tgt Ion: 43 Resp: 324349

Ion Ratio Lower Upper

43 100

55 28.0 21.4 32.2



#48

t-1,3-Dichloropropene

Concen: 20.77 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN046329.D

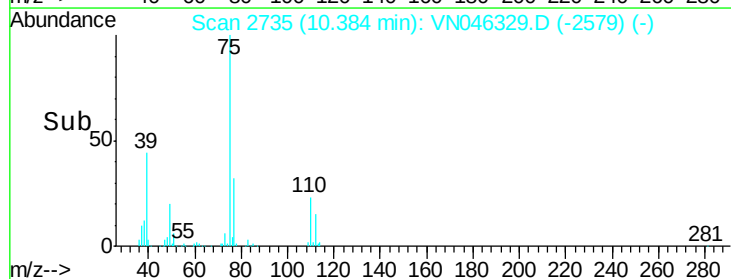
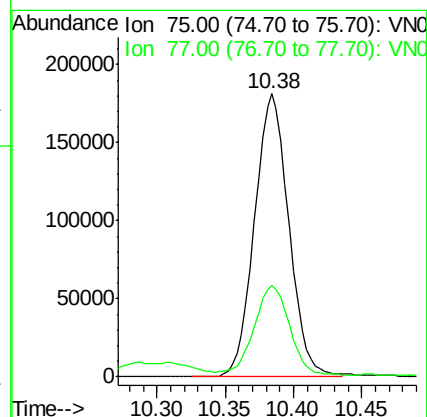
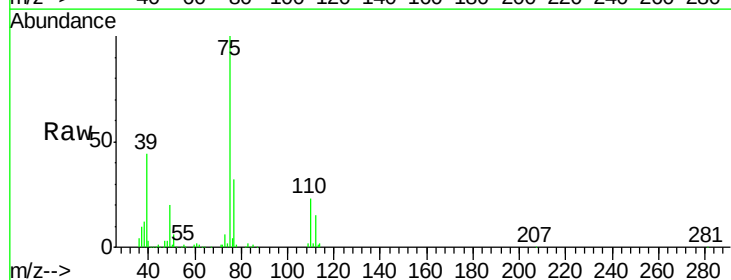
Acq: 5 Jan 2018 12:12

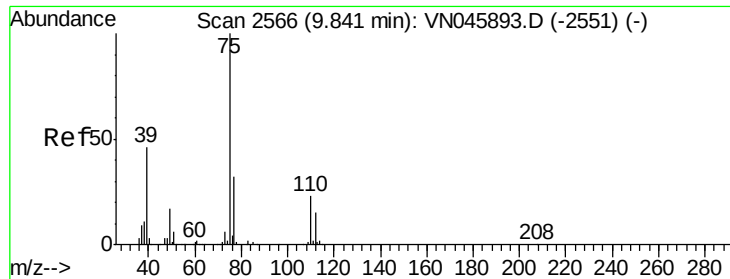
Tgt Ion: 75 Resp: 316328

Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.6

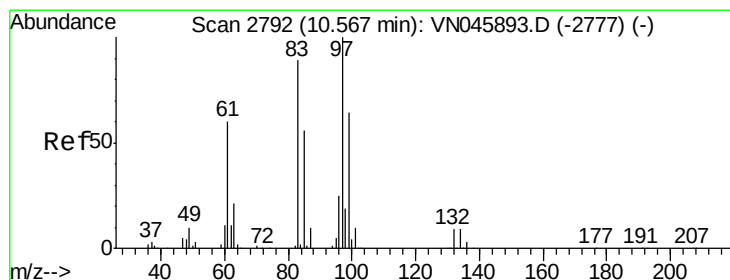
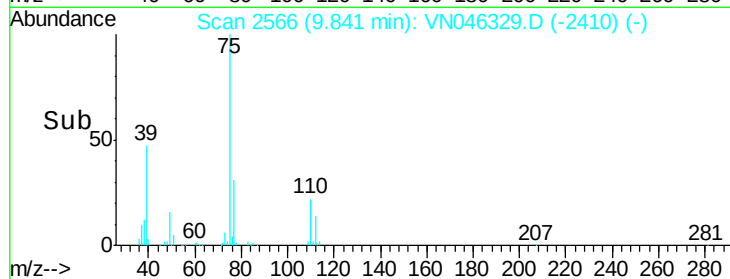
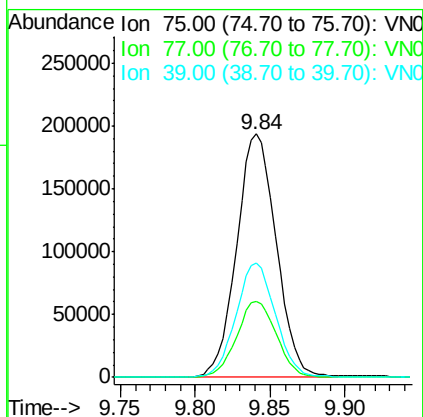
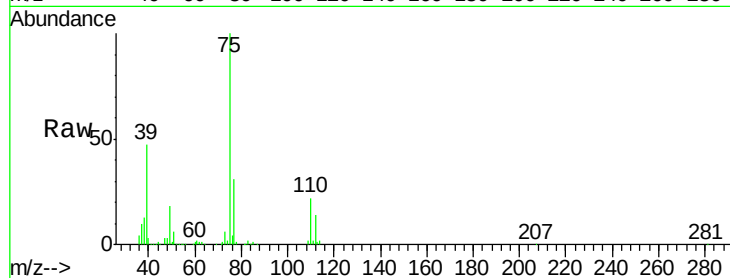




#49
 cis-1,3-Dichloropropene
 Concen: 20.07 ug/l
 RT: 9.84 min Scan# 2566
 Delta R.T. 0.00 min
 Lab File: VN046329.D
 Acq: 5 Jan 2018 12:12

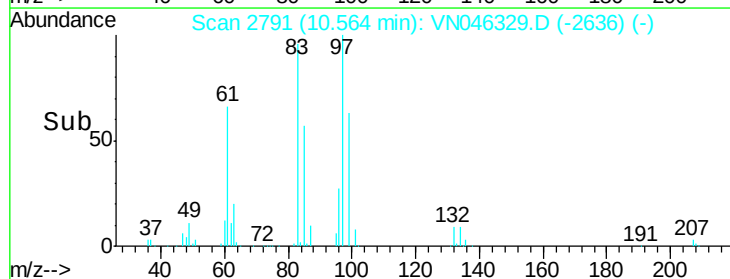
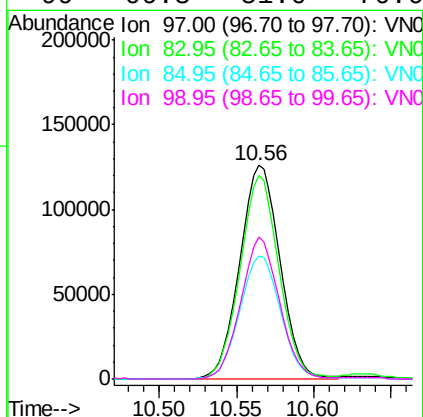
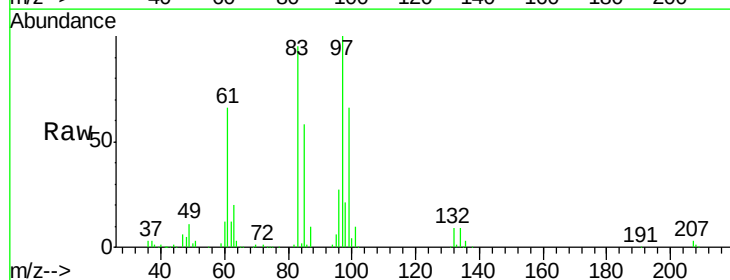
Instrument :
 MSVOA_N
 ClientSampled :
 VN0105WBS01

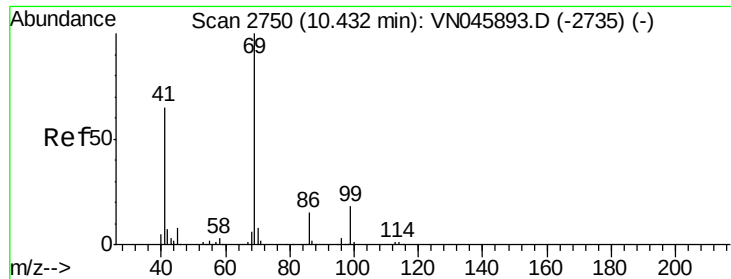
Tgt Ion: 75 Resp: 357148
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.2
 39 46.8 36.4 54.6



#50
 1,1,2-Trichloroethane
 Concen: 22.15 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: VN046329.D
 Acq: 5 Jan 2018 12:12

Tgt Ion: 97 Resp: 228313
 Ion Ratio Lower Upper
 97 100
 83 95.2 71.3 106.9
 85 57.7 44.6 67.0
 99 66.3 51.0 76.6





#51

Ethyl methacrylate

Concen: 20.92 ug/l

RT: 10.43 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VN046329.D

Acq: 5 Jan 2018 12:12

Instrument :

MSVOA_N

ClientSampled :

VN0105WBS01

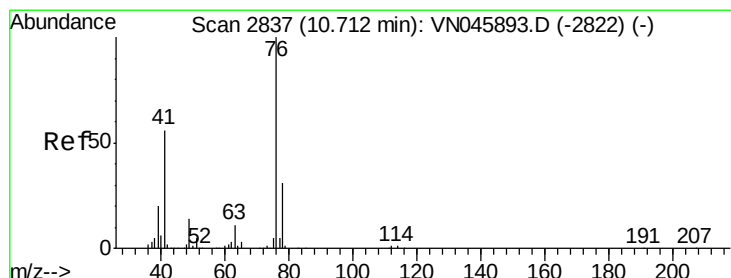
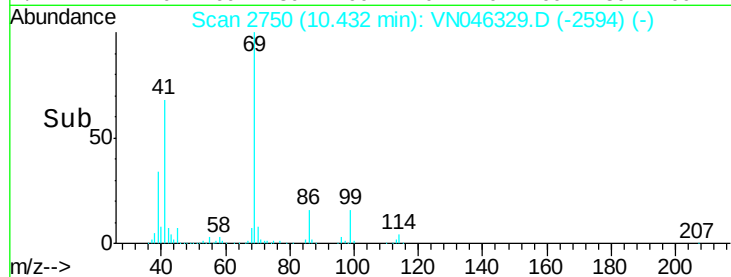
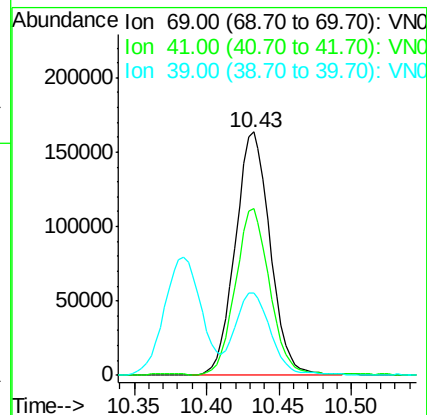
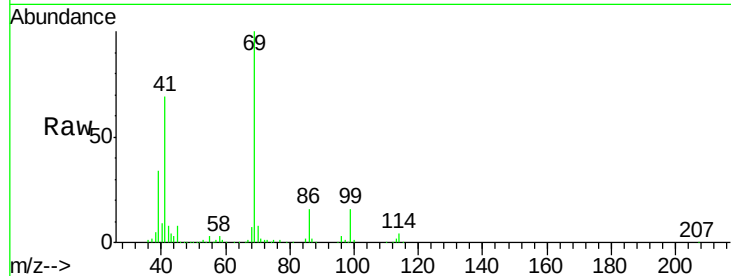
Tgt Ion: 69 Resp: 273571

Ion Ratio Lower Upper

69 100

41 68.4 32.4 97.2

39 33.5 15.8 47.3



#52

1,3-Dichloropropane

Concen: 21.45 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. -0.00 min

Lab File: VN046329.D

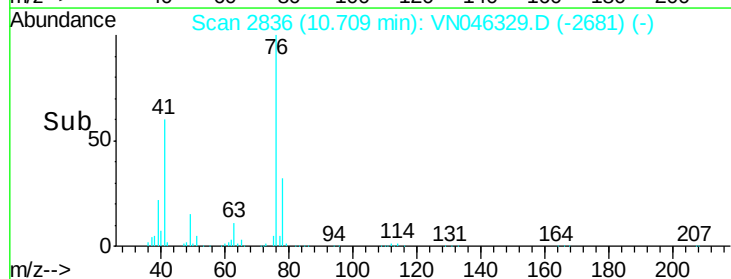
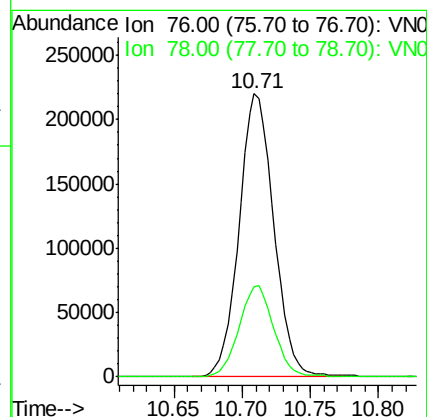
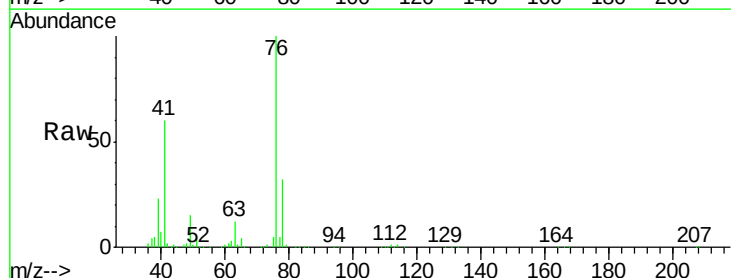
Acq: 5 Jan 2018 12:12

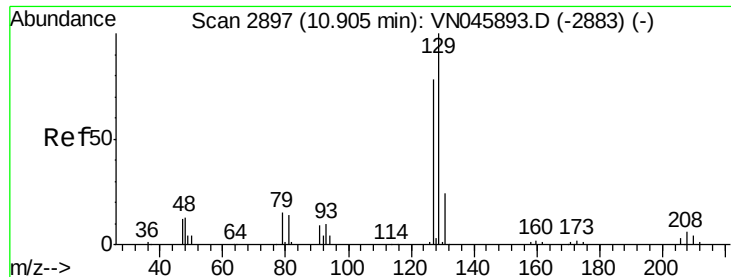
Tgt Ion: 76 Resp: 388607

Ion Ratio Lower Upper

76 100

78 32.3 0.0 64.2





#53

Dibromochloromethane

Concen: 22.10 ug/l

RT: 10.90 min Scan# 2897

Delta R.T. 0.00 min

Lab File: VN046329.D

Acq: 5 Jan 2018 12:12

Instrument :

MSVOA_N

ClientSampled :

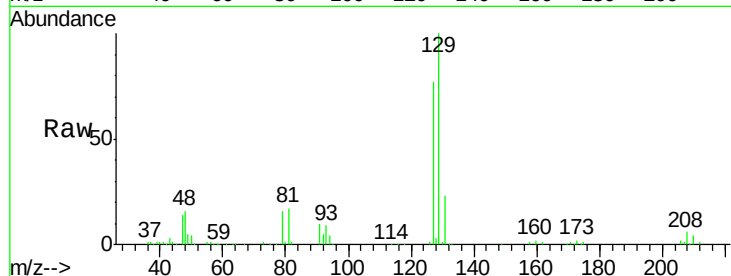
VN0105WBS01

Tgt Ion:129 Resp: 221229

Ion Ratio Lower Upper

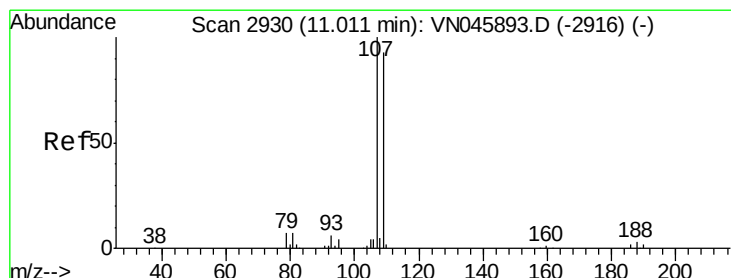
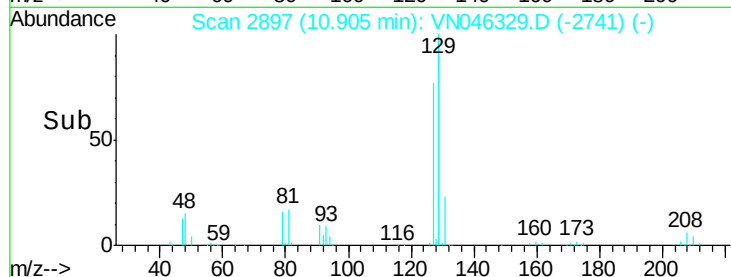
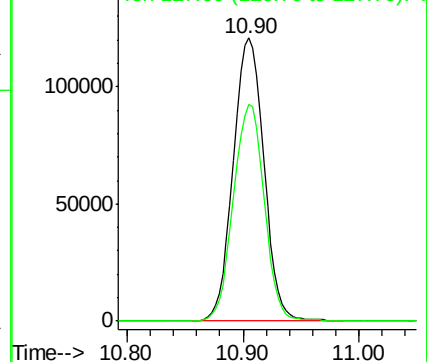
129 100

127 76.8 39.3 117.8



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 21.64 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. -0.00 min

Lab File: VN046329.D

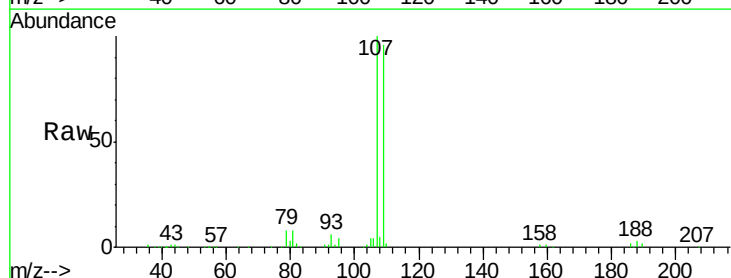
Acq: 5 Jan 2018 12:12

Tgt Ion:107 Resp: 209127

Ion Ratio Lower Upper

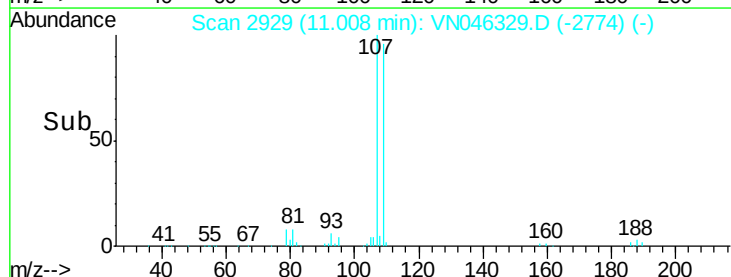
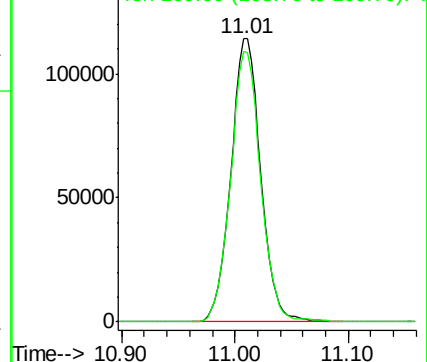
107 100

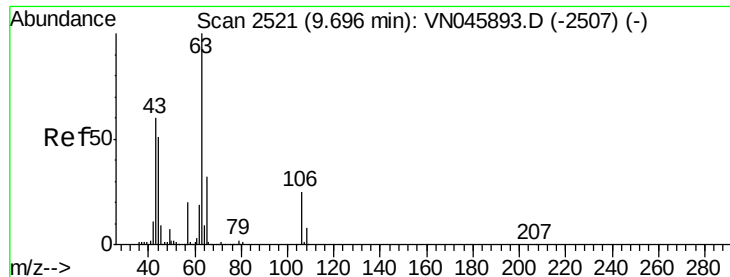
109 95.7 76.1 114.1



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

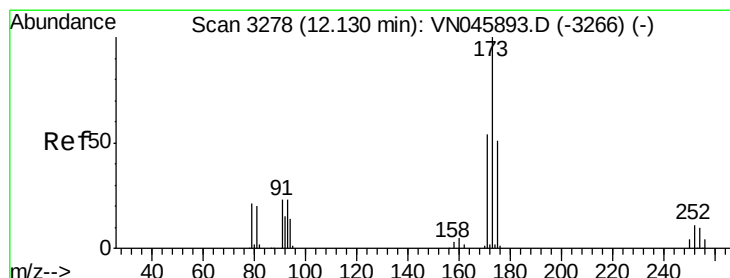
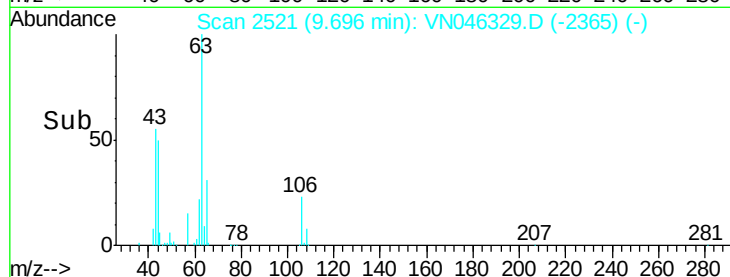
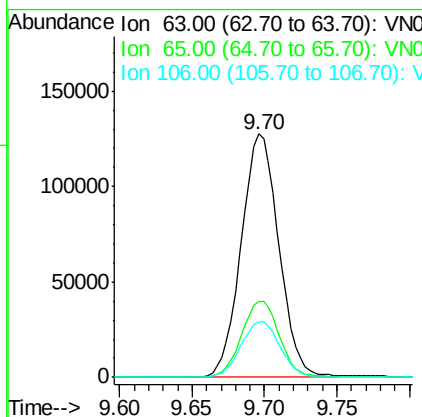
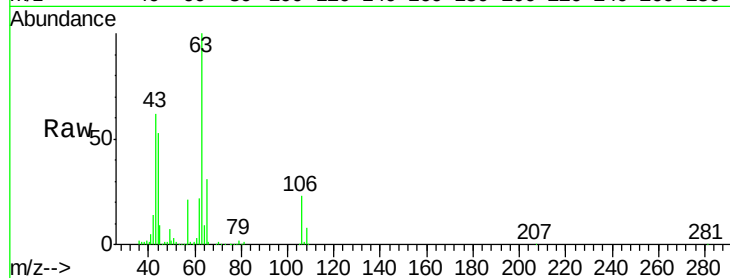




#55
 2-Chloroethyl vinyl ether
 Concen: 46.99 ug/l
 RT: 9.70 min Scan# 2521
 Delta R.T. 0.00 min
 Lab File: VN046329.D
 Acq: 5 Jan 2018 12:12

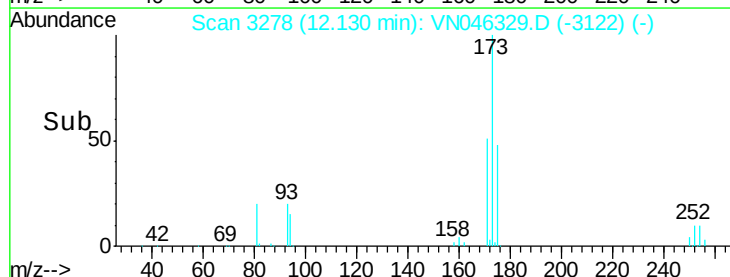
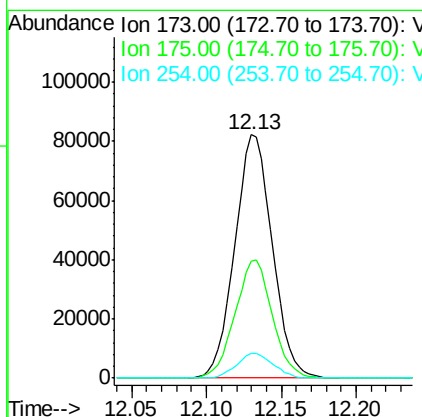
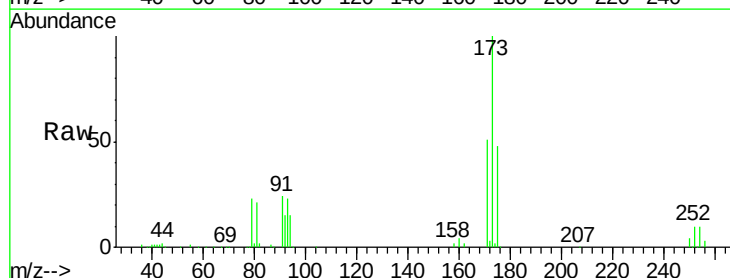
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0105WBS01

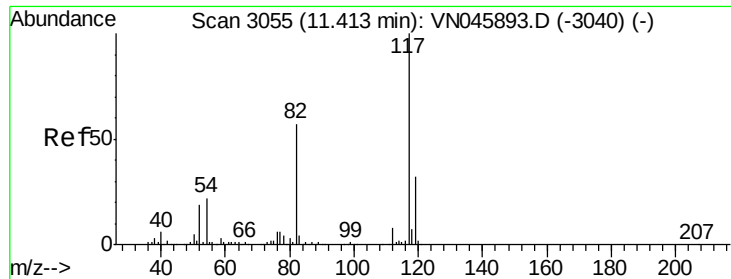
Tgt Ion: 63 Resp: 231041
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.8 38.6
 106 23.8 20.0 30.0



#56
 Bromoform
 Concen: 22.82 ug/l
 RT: 12.13 min Scan# 3278
 Delta R.T. 0.00 min
 Lab File: VN046329.D
 Acq: 5 Jan 2018 12:12

Tgt Ion: 173 Resp: 143585
 Ion Ratio Lower Upper
 173 100
 175 48.0 39.4 59.2
 254 10.0 8.2 12.4

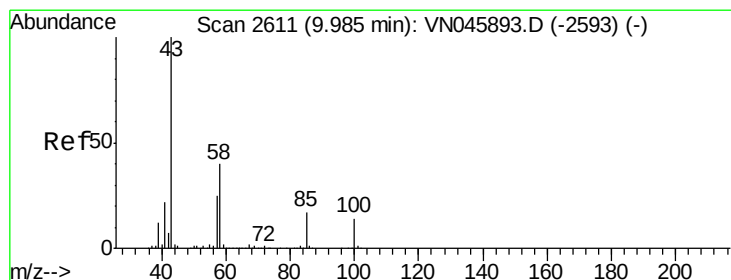
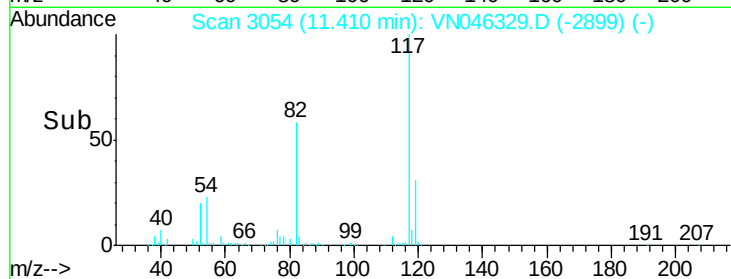
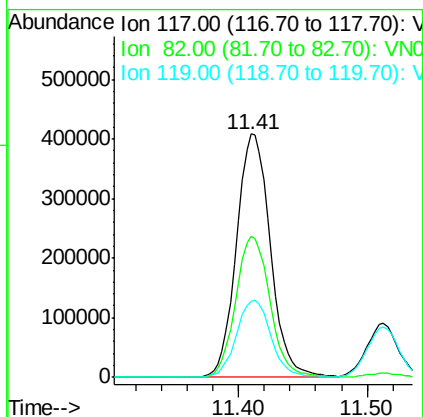
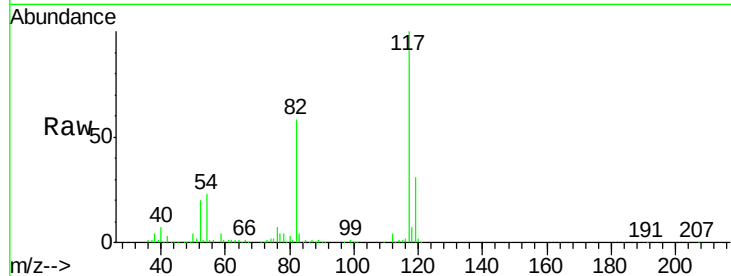




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN046329.D
Acq: 5 Jan 2018 12:12

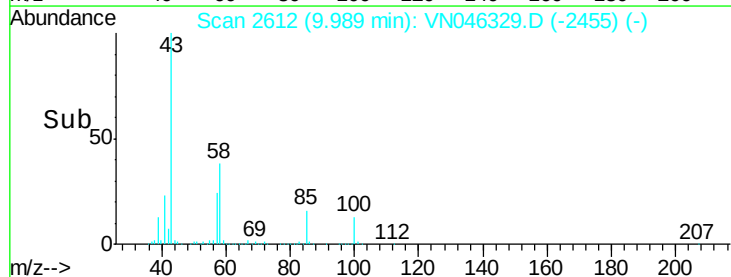
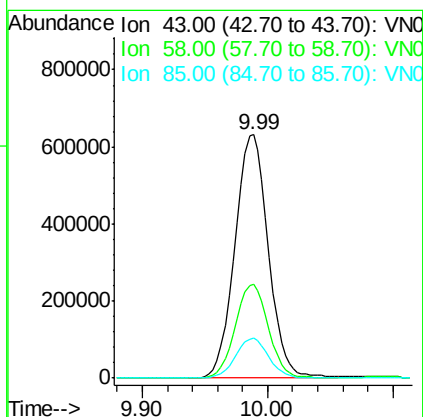
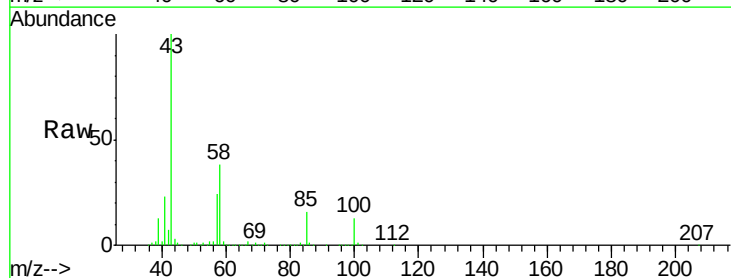
Instrument :
MSVOA_N
ClientSampled :
VN0105WBS01

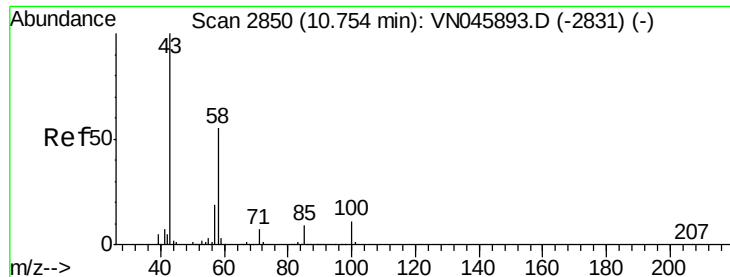
Tgt Ion:117 Resp: 748106
Ion Ratio Lower Upper
117 100
82 58.5 46.0 69.0
119 32.2 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 128.91 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN046329.D
Acq: 5 Jan 2018 12:12

Tgt Ion: 43 Resp: 1166435
Ion Ratio Lower Upper
43 100
58 38.5 32.2 48.2
85 16.4 13.9 20.9

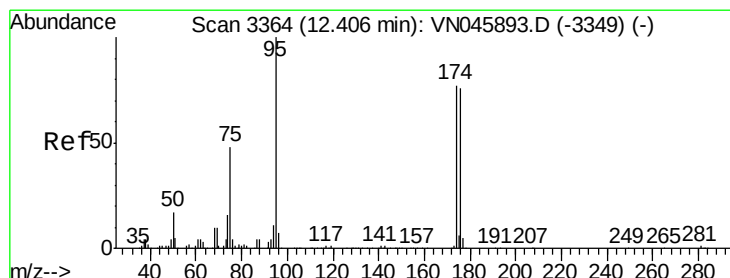
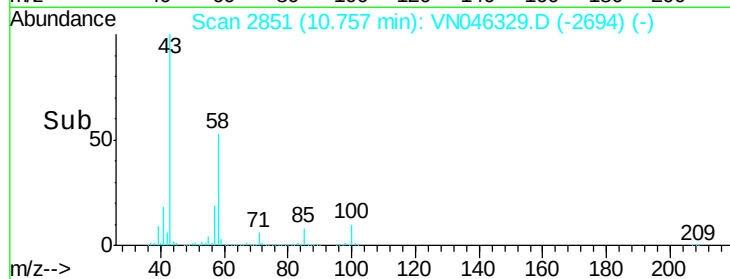
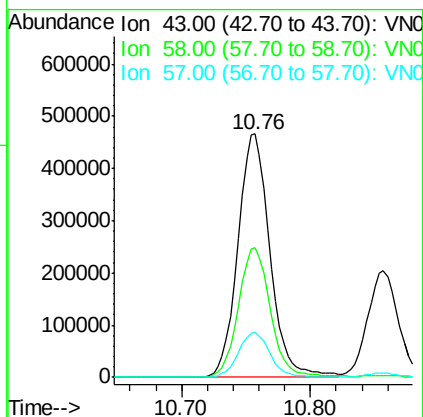
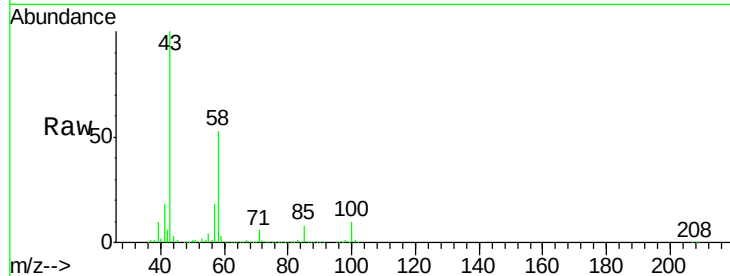




#59
2-Hexanone
Concen: 133.96 ug/l
RT: 10.76 min Scan# 2851
Delta R.T. 0.00 min
Lab File: VN046329.D
Acq: 5 Jan 2018 12:12

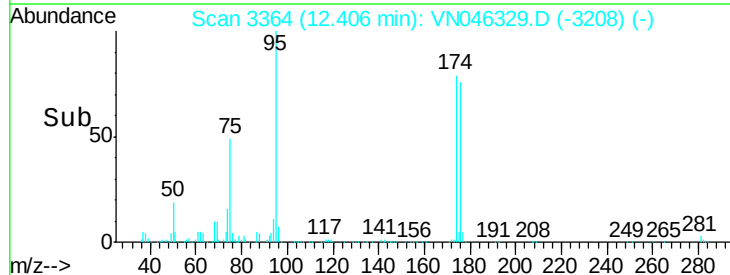
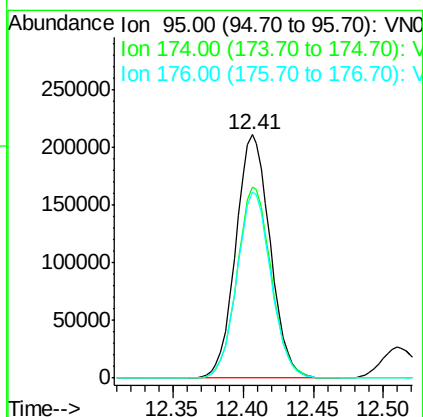
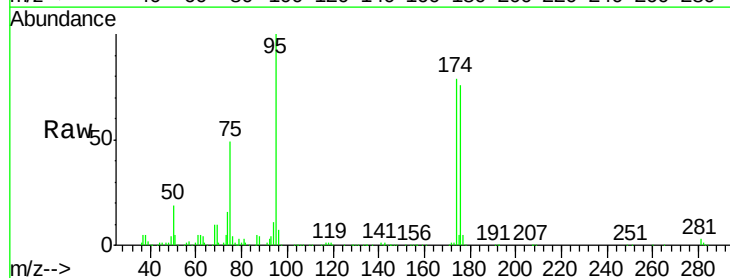
Instrument :
MSVOA_N
ClientSampleId :
VN0105WBS01

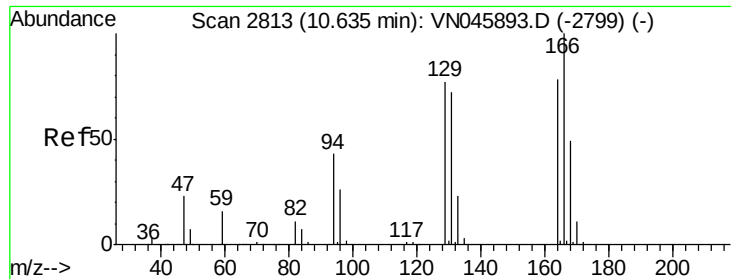
Tgt Ion: 43 Resp: 804935
Ion Ratio Lower Upper
43 100
58 53.6 44.6 66.8
57 18.2 15.2 22.8



#60
4-Bromofluorobenzene
Concen: 31.15 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN046329.D
Acq: 5 Jan 2018 12:12

Tgt Ion: 95 Resp: 360411
Ion Ratio Lower Upper
95 100
174 78.2 63.5 95.3
176 76.2 61.3 91.9





#61

Tetrachloroethene

Concen: 23.03 ug/l

RT: 10.63 min Scan# 2813

Delta R.T. 0.00 min

Lab File: VN046329.D

Acq: 5 Jan 2018 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0105WBS01

Tgt Ion:164 Resp: 217544

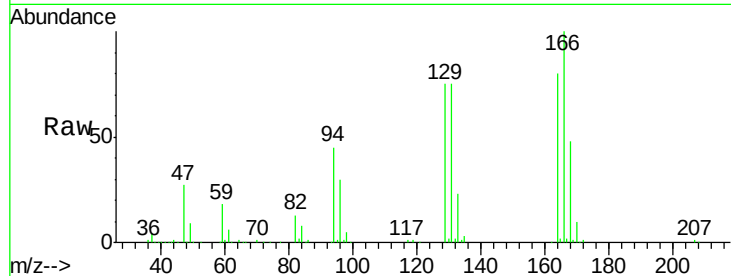
Ion Ratio Lower Upper

164 100

166 125.6 102.7 154.1

129 94.6 78.6 118.0

131 93.7 74.3 111.5

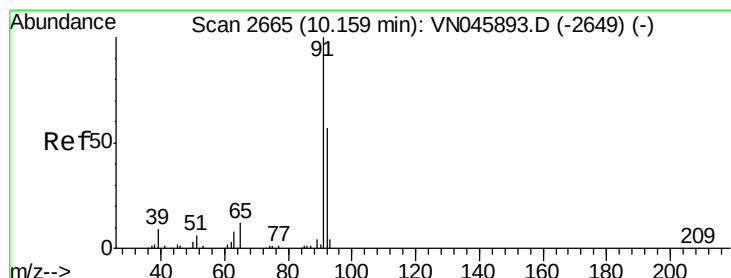
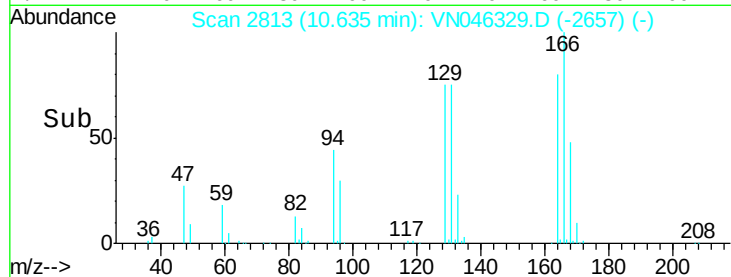
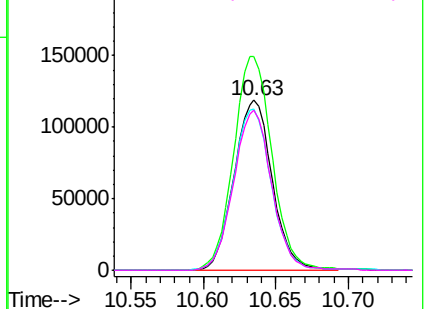


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 21.13 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN046329.D

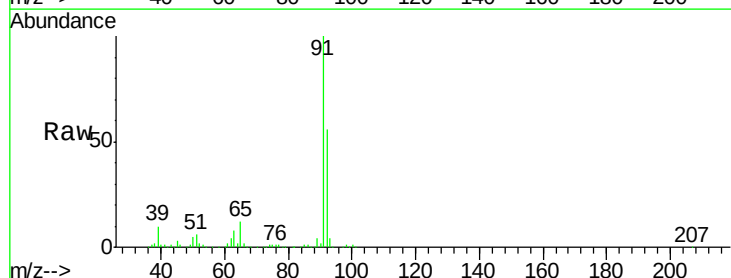
Acq: 5 Jan 2018 12:12

Tgt Ion: 91 Resp: 968115

Ion Ratio Lower Upper

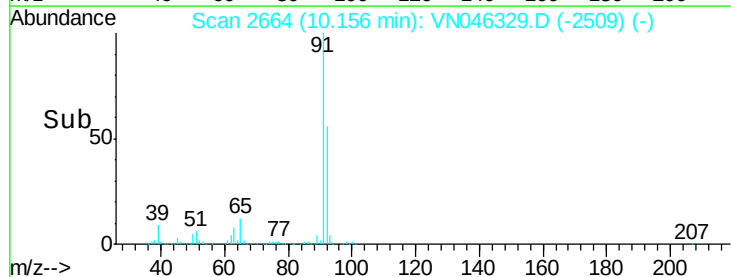
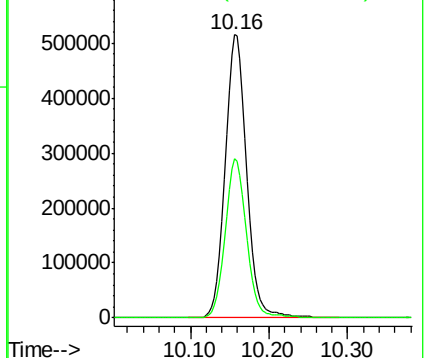
91 100

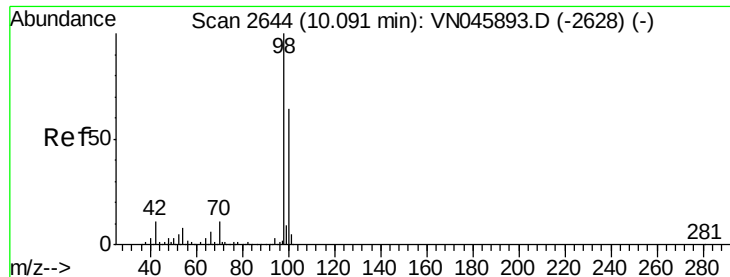
92 55.9 45.3 67.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 30.54 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN046329.D

Acq: 5 Jan 2018 12:12

Instrument :

MSVOA_N

ClientSampleId :

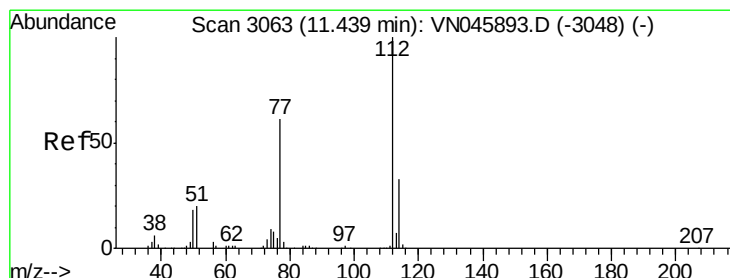
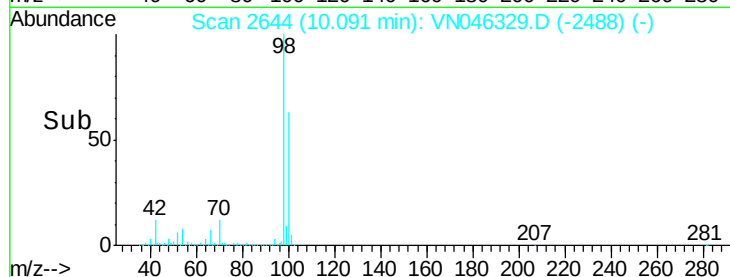
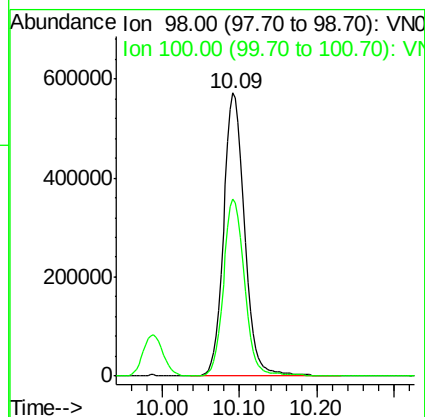
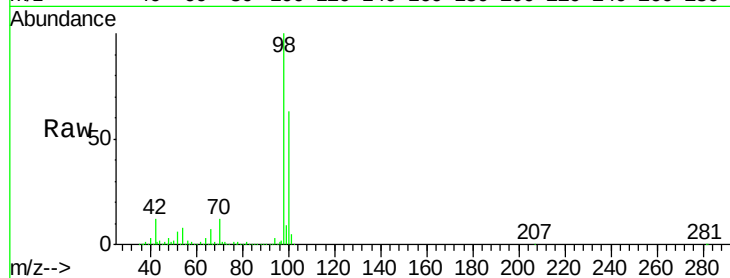
VN0105WBS01

Tgt Ion: 98 Resp: 1081786

Ion Ratio Lower Upper

98 100

100 62.1 50.8 76.2



#64

Chlorobenzene

Concen: 20.59 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN046329.D

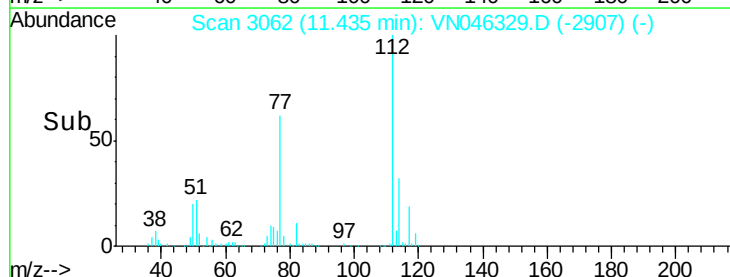
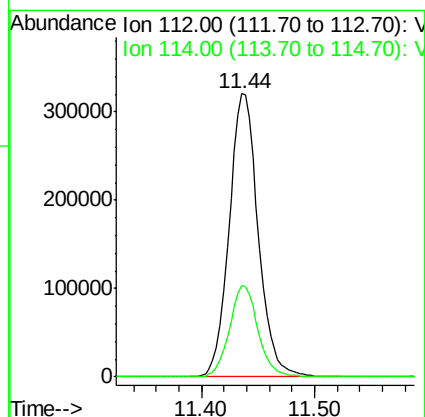
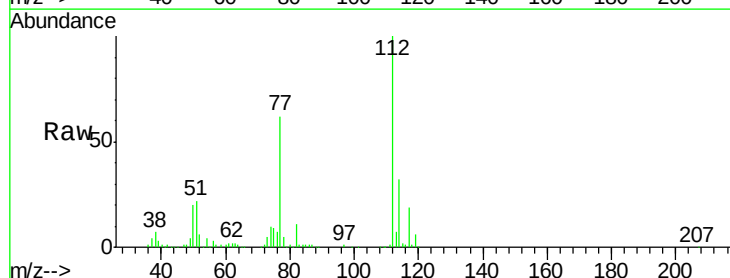
Acq: 5 Jan 2018 12:12

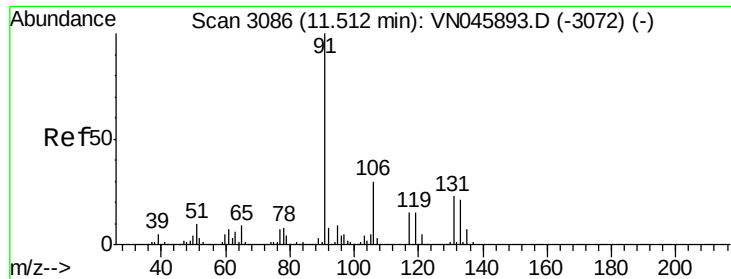
Tgt Ion: 112 Resp: 571994

Ion Ratio Lower Upper

112 100

114 32.1 26.6 39.8

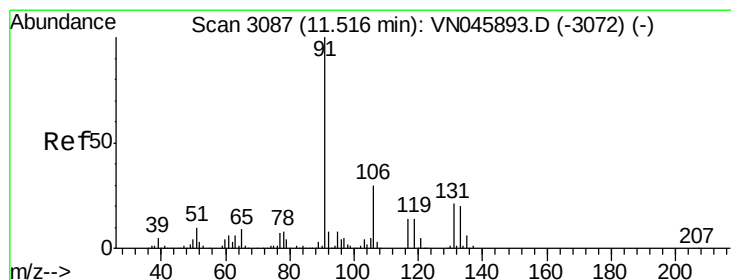
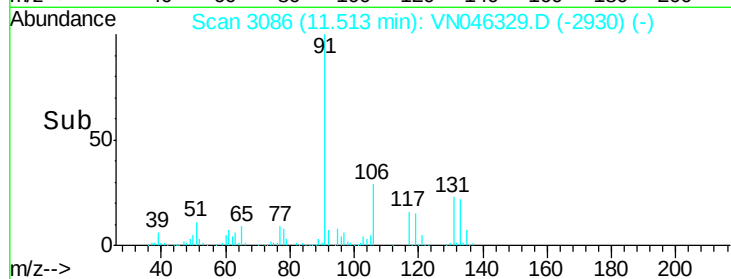
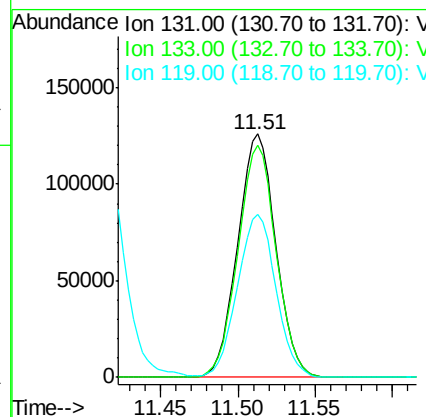
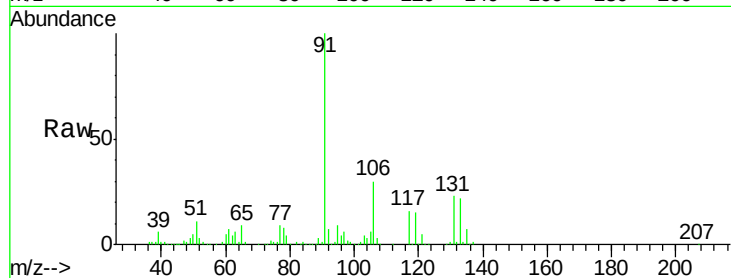




#65
 1,1,1,2-Tetrachloroethane
 Concen: 21.52 ug/l
 RT: 11.51 min Scan# 3086
 Delta R.T. 0.00 min
 Lab File: VN046329.D
 Acq: 5 Jan 2018 12:12

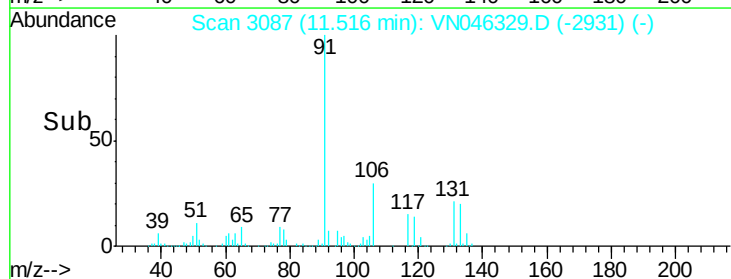
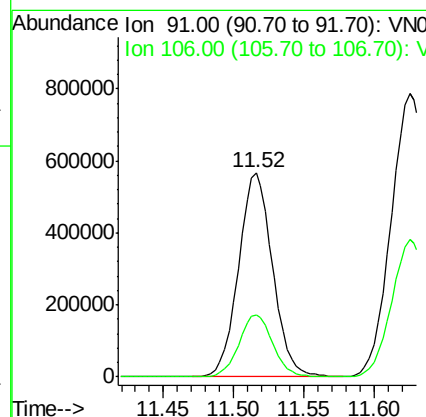
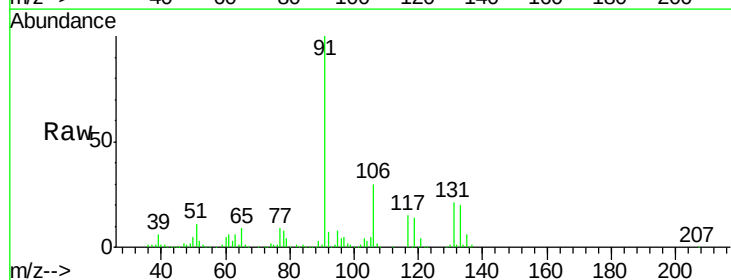
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0105WBS01

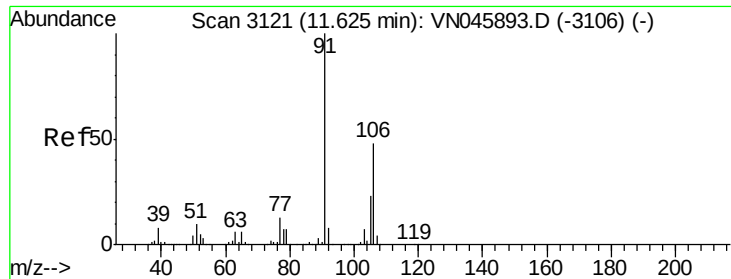
Tgt Ion:131 Resp: 215733
 Ion Ratio Lower Upper
 131 100
 133 95.5 0.0 188.6
 119 67.6 0.0 134.2



#66
 Ethyl Benzene
 Concen: 20.96 ug/l
 RT: 11.52 min Scan# 3087
 Delta R.T. 0.00 min
 Lab File: VN046329.D
 Acq: 5 Jan 2018 12:12

Tgt Ion: 91 Resp: 956833
 Ion Ratio Lower Upper
 91 100
 106 30.3 24.2 36.2

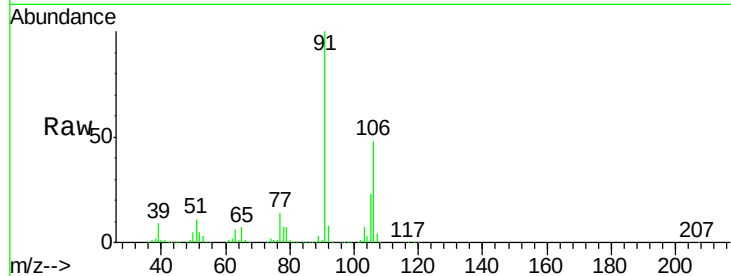




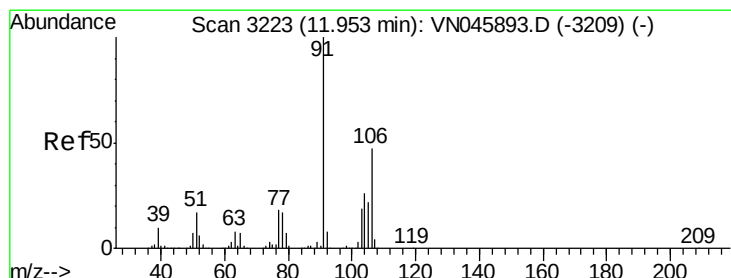
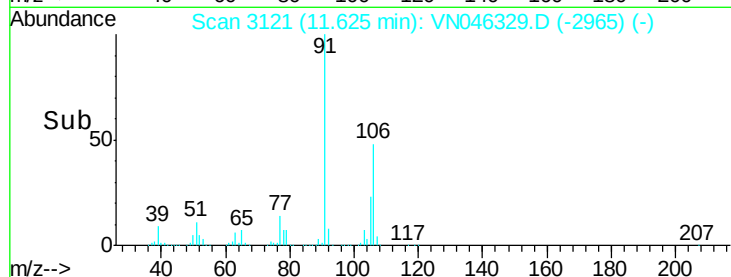
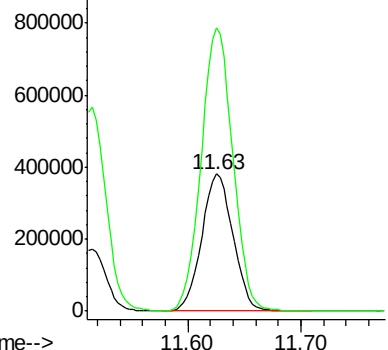
#67
m/p-Xylenes
Concen: 42.67 ug/l
RT: 11.63 min Scan# 3121
Delta R.T. 0.00 min
Lab File: VN046329.D
Acq: 5 Jan 2018 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0105WBS01

Tgt Ion:106 Resp: 733111
Ion Ratio Lower Upper
106 100
91 207.8 165.8 248.6

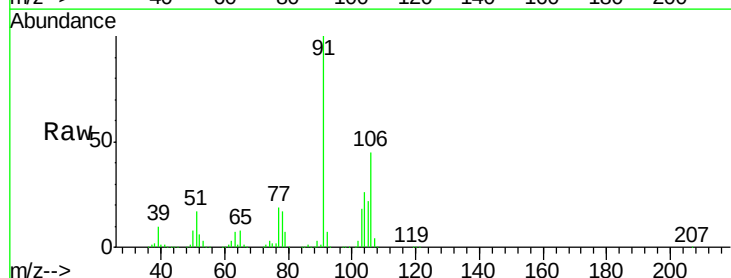


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

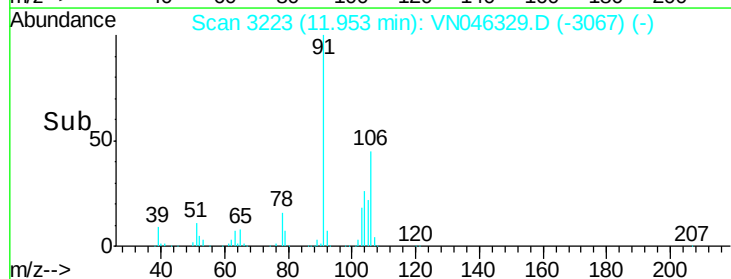
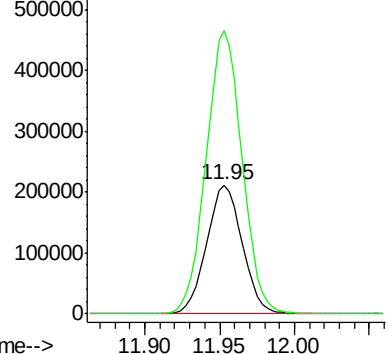


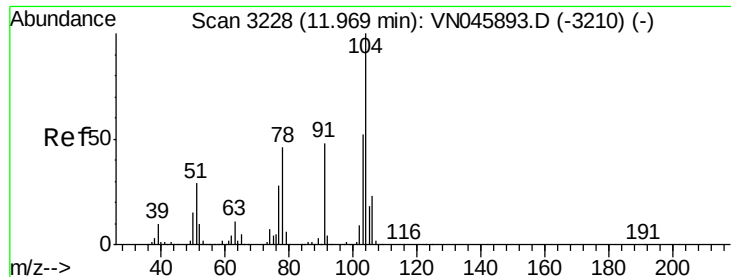
#68
o-Xylene
Concen: 20.27 ug/l
RT: 11.95 min Scan# 3223
Delta R.T. 0.00 min
Lab File: VN046329.D
Acq: 5 Jan 2018 12:12

Tgt Ion:106 Resp: 351078
Ion Ratio Lower Upper
106 100
91 222.1 108.7 325.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

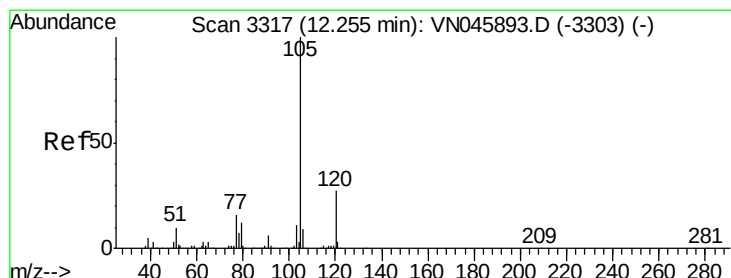
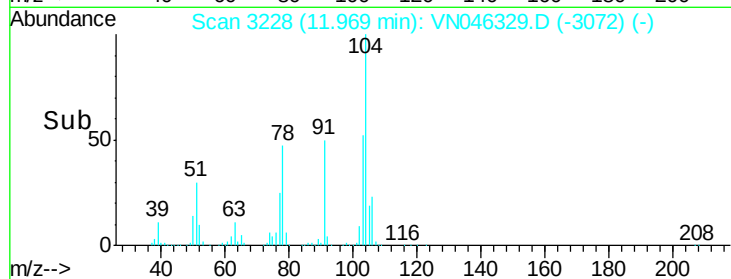
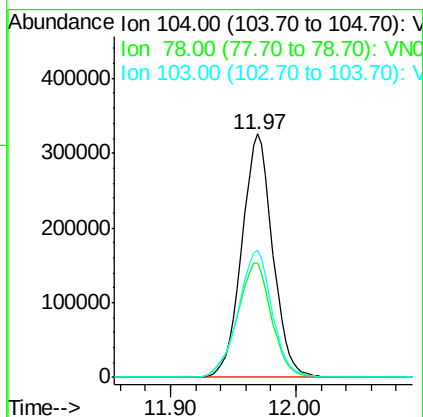
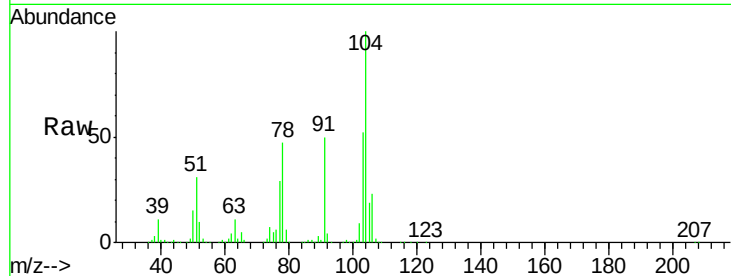




#69
 Styrene
 Concen: 20.79 ug/l
 RT: 11.97 min Scan# 3228
 Delta R.T. 0.00 min
 Lab File: VN046329.D
 Acq: 5 Jan 2018 12:12

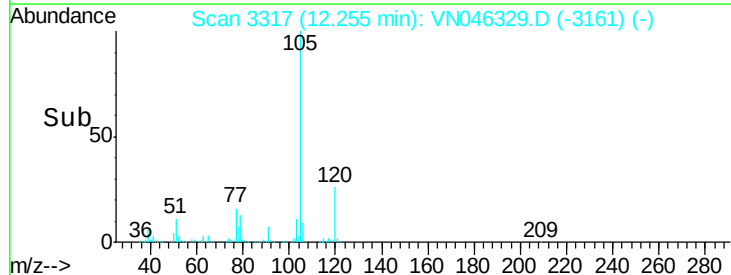
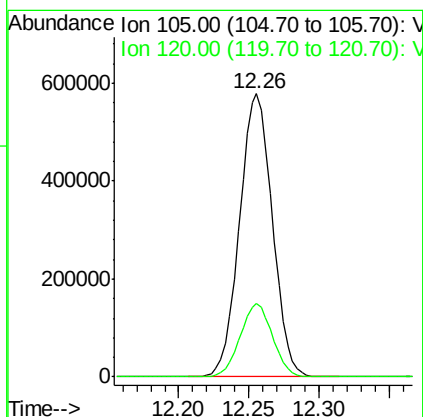
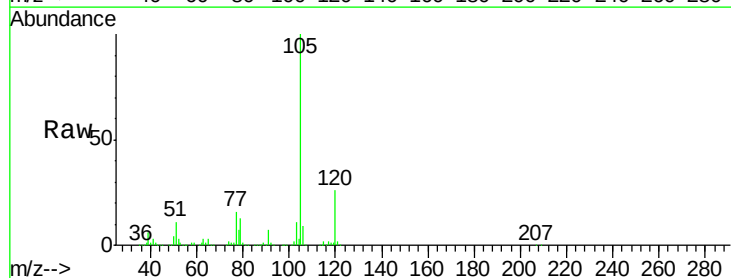
Instrument :
 MSVOA_N
 ClientSampled :
 VN0105WBS01

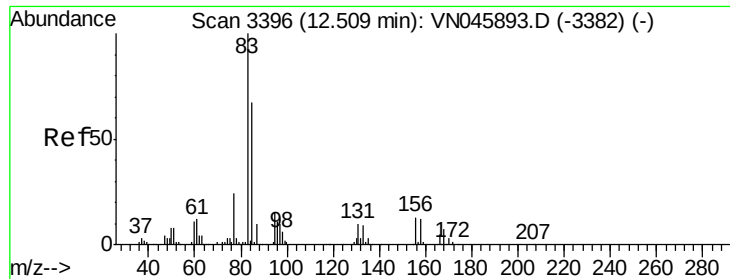
Tgt Ion:104 Resp: 557895
 Ion Ratio Lower Upper
 104 100
 78 52.3 40.7 61.1
 103 57.5 45.6 68.4



#70
 Isopropylbenzene
 Concen: 22.30 ug/l
 RT: 12.26 min Scan# 3317
 Delta R.T. 0.00 min
 Lab File: VN046329.D
 Acq: 5 Jan 2018 12:12

Tgt Ion:105 Resp: 943760
 Ion Ratio Lower Upper
 105 100
 120 25.5 18.3 34.1

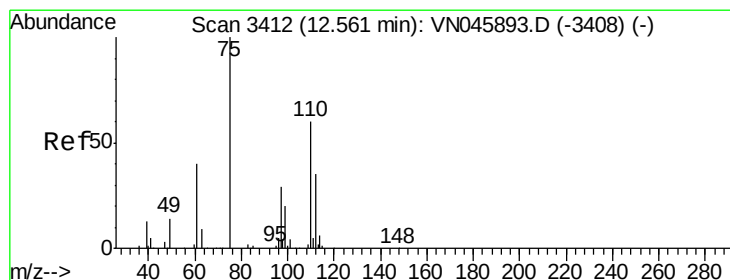
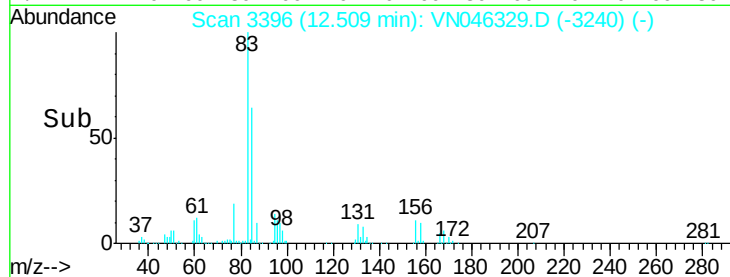
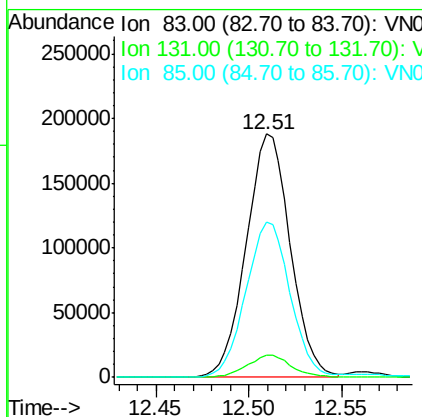
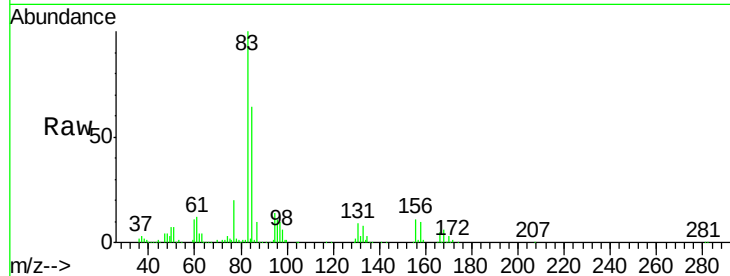




#71
 1,1,2,2-Tetrachloroethane
 Concen: 24.45 ug/l
 RT: 12.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VN046329.D
 Acq: 5 Jan 2018 12:12

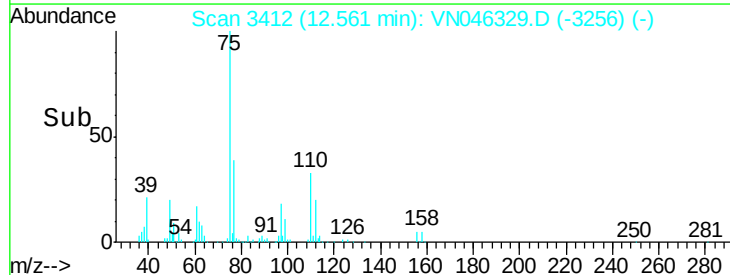
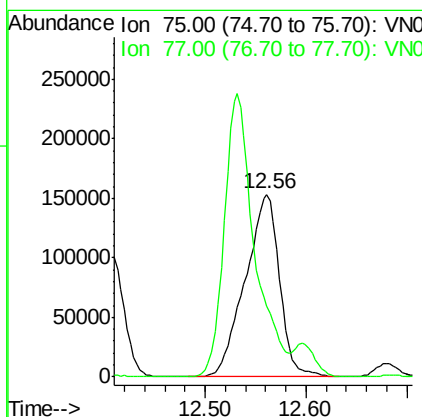
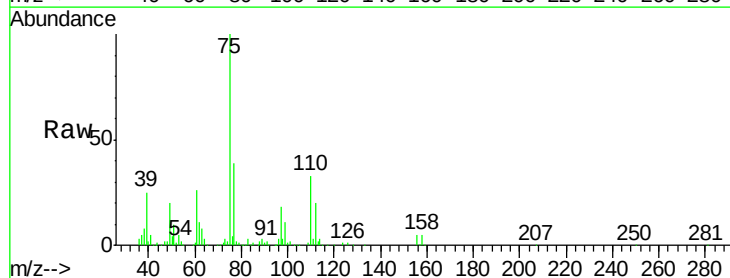
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0105WBS01

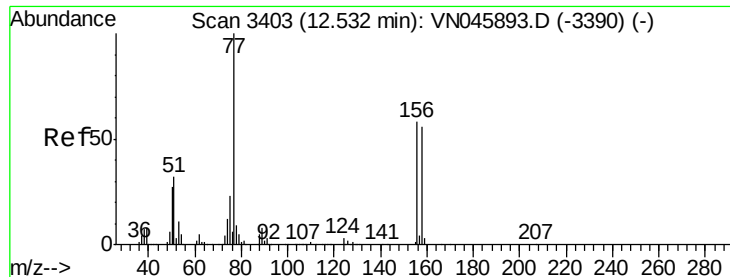
Tgt Ion: 83 Resp: 312621
 Ion Ratio Lower Upper
 83 100
 131 9.2 4.9 14.6
 85 63.9 32.1 96.5



#72
 1,2,3-Trichloropropane
 Concen: 35.59 ug/l
 RT: 12.56 min Scan# 3412
 Delta R.T. 0.00 min
 Lab File: VN046329.D
 Acq: 5 Jan 2018 12:12

Tgt Ion: 75 Resp: 360873
 Ion Ratio Lower Upper
 75 100
 77 138.1 0.0 473.2





#73

Bromobenzene

Concen: 20.83 ug/l

RT: 12.53 min Scan# 3403

Delta R.T. 0.00 min

Lab File: VN046329.D

Acq: 5 Jan 2018 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0105WBS01

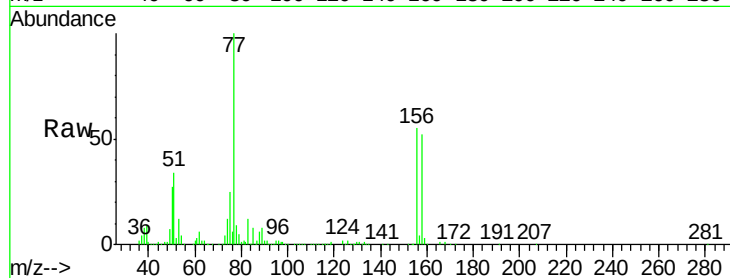
Tgt Ion:156 Resp: 227528

Ion Ratio Lower Upper

156 100

77 219.0 0.0 413.8

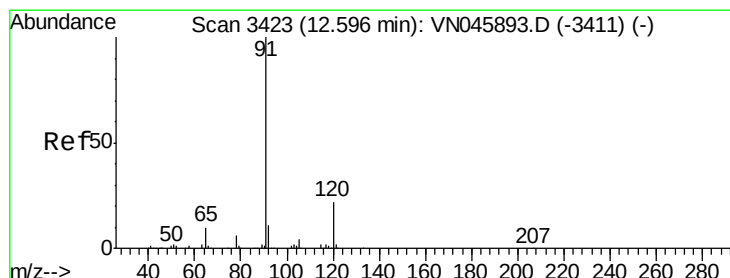
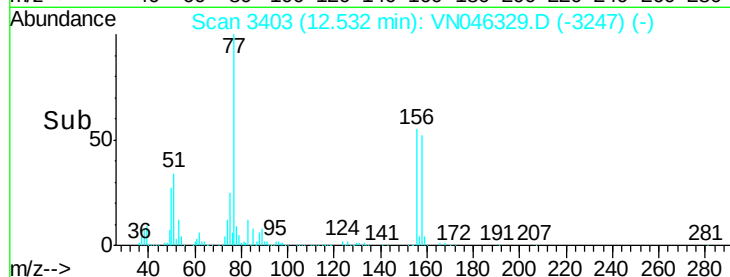
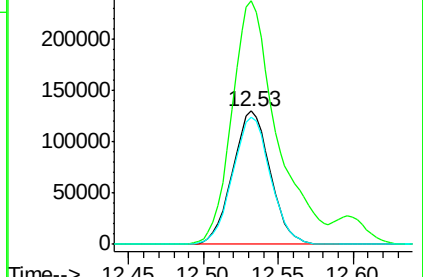
158 95.8 0.0 192.8



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 23.20 ug/l

RT: 12.60 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN046329.D

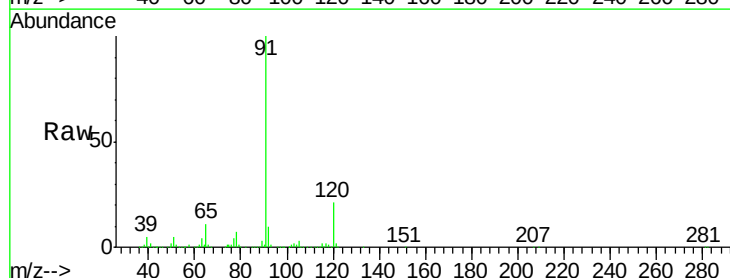
Acq: 5 Jan 2018 12:12

Tgt Ion: 91 Resp: 1119480

Ion Ratio Lower Upper

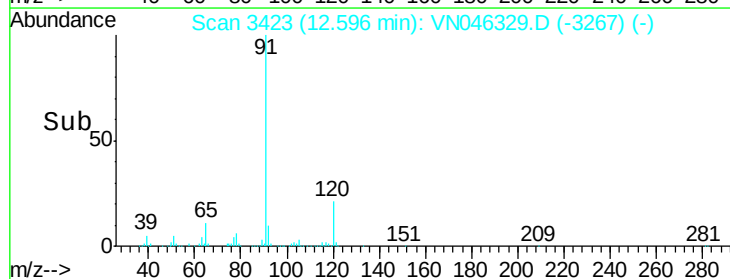
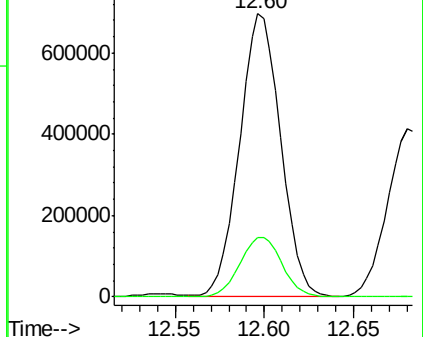
91 100

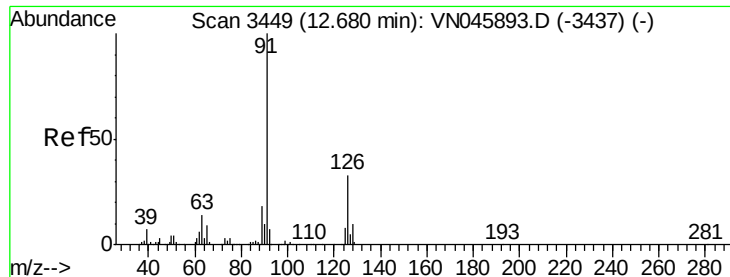
120 21.5 0.0 44.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 21.96 ug/l

RT: 12.68 min Scan# 3449

Delta R.T. 0.00 min

Lab File: VN046329.D

Acq: 5 Jan 2018 12:12

Instrument :

MSVOA_N

ClientSampleId :

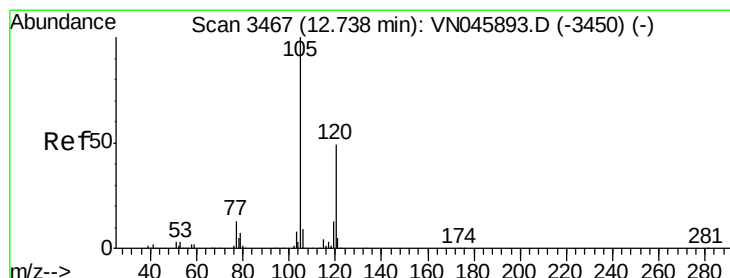
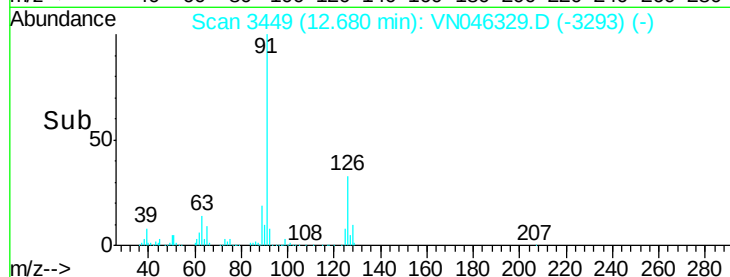
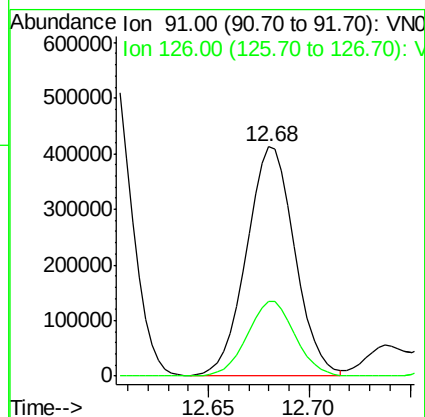
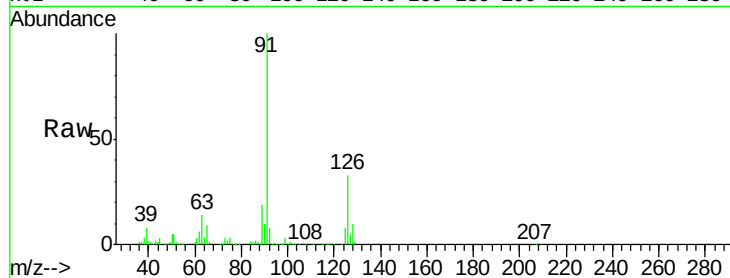
VN0105WBS01

Tgt Ion: 91 Resp: 691038

Ion Ratio Lower Upper

91 100

126 32.5 0.0 66.8



#76

1,3,5-Trimethylbenzene

Concen: 22.27 ug/l

RT: 12.74 min Scan# 3468

Delta R.T. 0.00 min

Lab File: VN046329.D

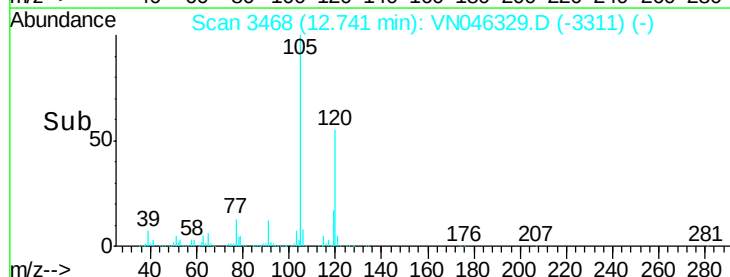
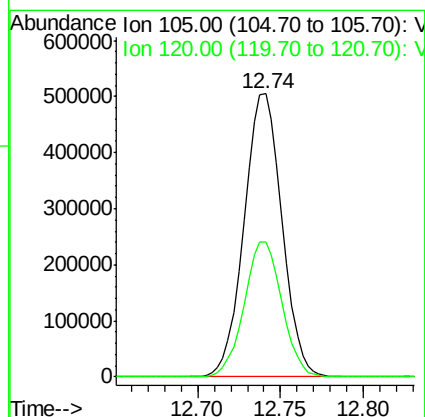
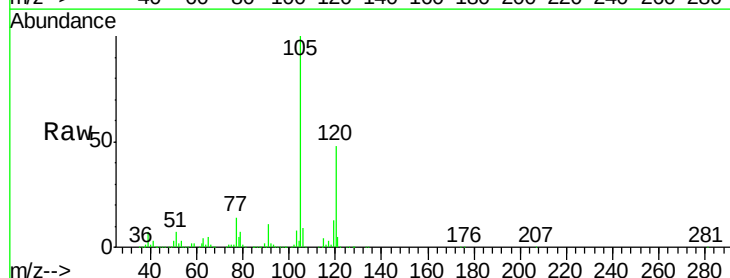
Acq: 5 Jan 2018 12:12

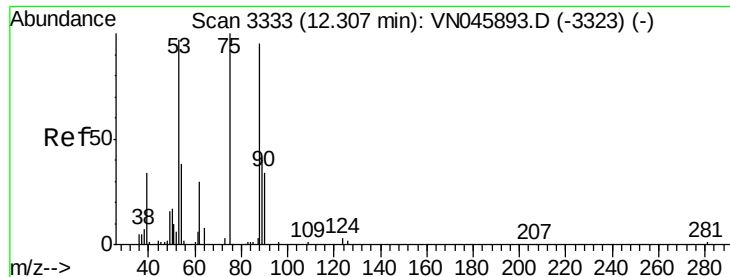
Tgt Ion: 105 Resp: 798495

Ion Ratio Lower Upper

105 100

120 47.5 0.0 97.4

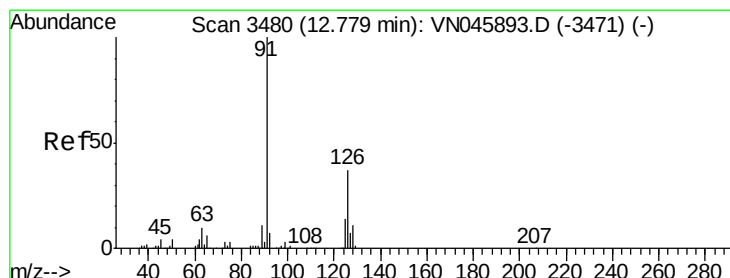
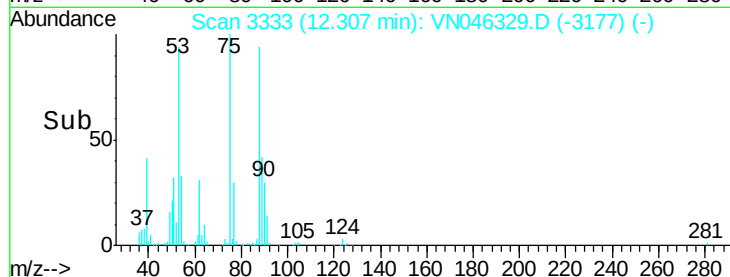
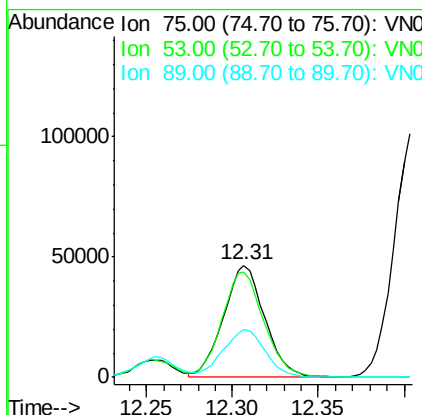
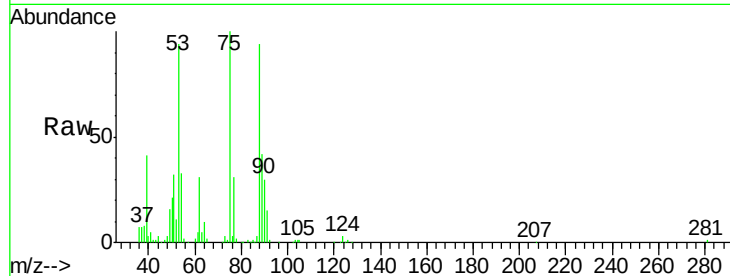




#77
t-1,4-Dichloro-2-butene
Concen: 24.06 ug/l
RT: 12.31 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VN046329.D
Acq: 5 Jan 2018 12:12

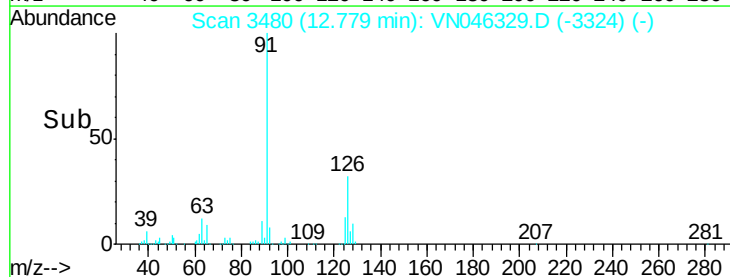
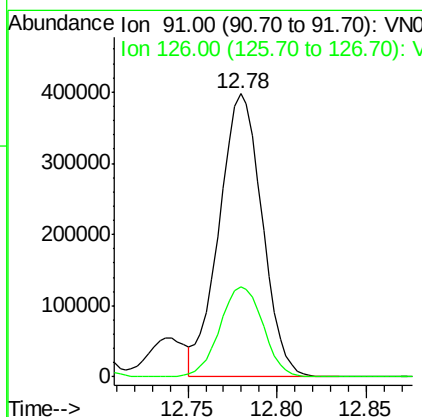
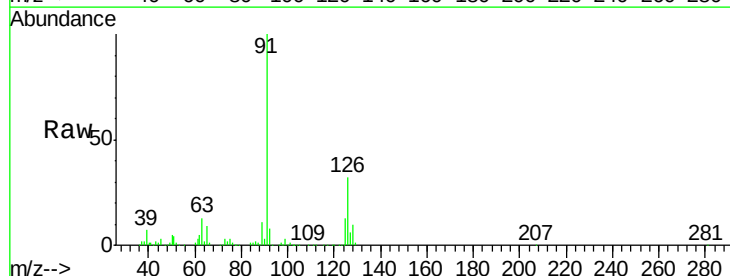
Instrument :
MSVOA_N
ClientSampled :
VN0105WBS01

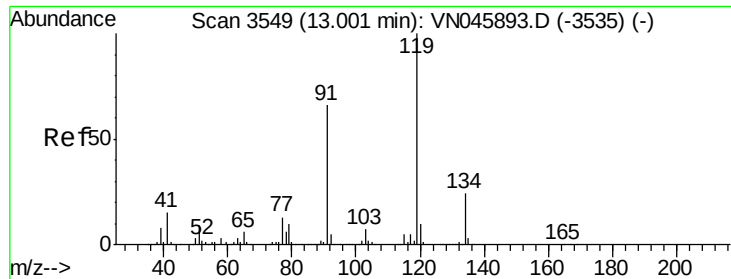
Tgt Ion: 75 Resp: 78025
Ion Ratio Lower Upper
75 100
53 94.2 48.0 144.2
89 42.5 21.3 63.7



#78
4-Chlorotoluene
Concen: 21.97 ug/l
RT: 12.78 min Scan# 3480
Delta R.T. 0.00 min
Lab File: VN046329.D
Acq: 5 Jan 2018 12:12

Tgt Ion: 91 Resp: 665219
Ion Ratio Lower Upper
91 100
126 32.2 0.0 65.6

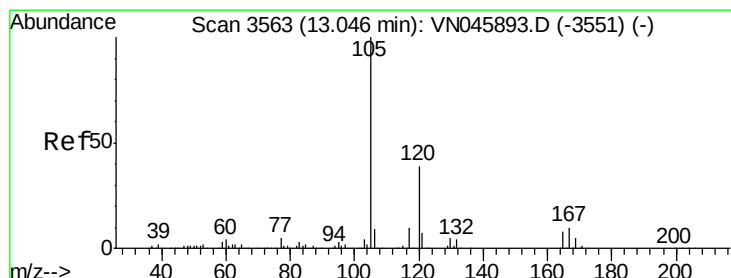
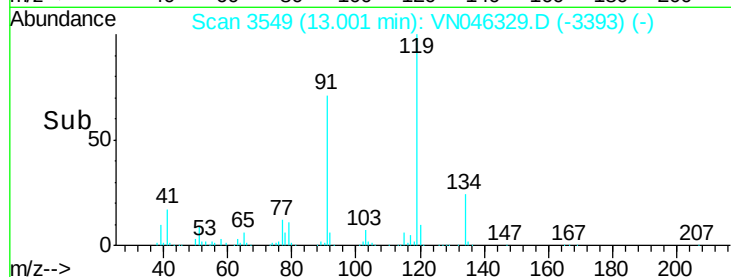
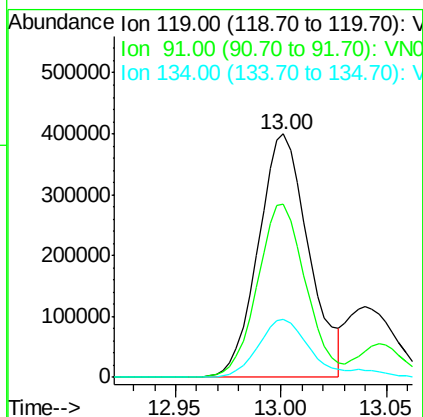
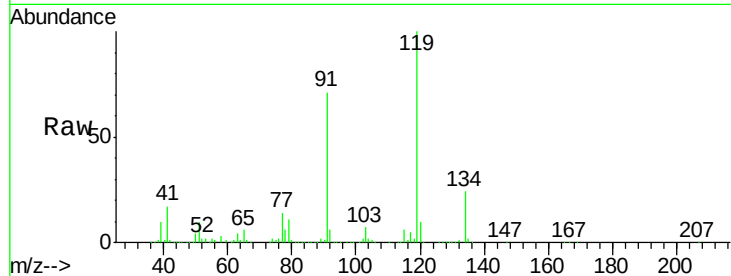




#79
tert-butylbenzene
Concen: 22.07 ug/l
RT: 13.00 min Scan# 3549
Delta R.T. 0.00 min
Lab File: VN046329.D
Acq: 5 Jan 2018 12:12

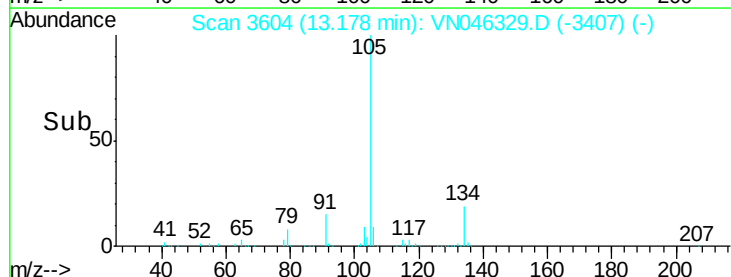
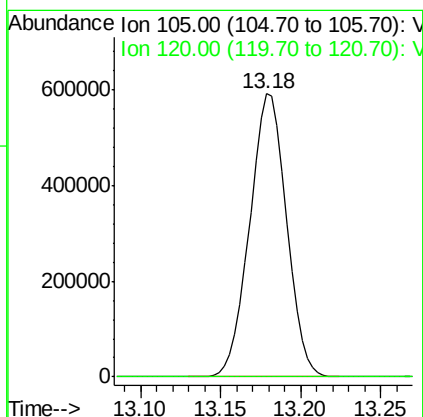
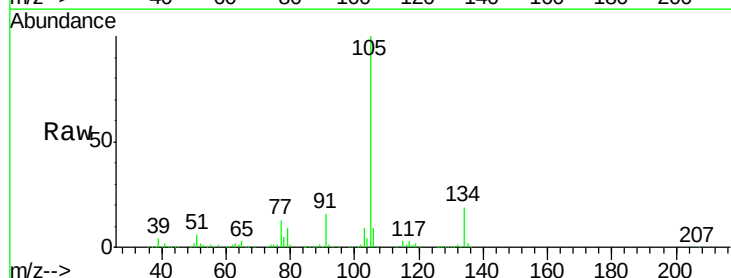
Instrument :
MSVOA_N
ClientSampled :
VN0105WBS01

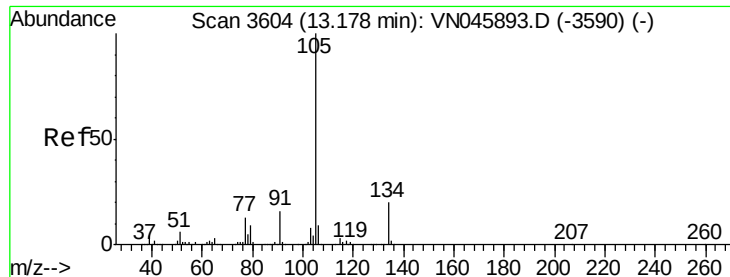
Tgt Ion:119 Resp: 664529
Ion Ratio Lower Upper
119 100
91 68.7 0.0 129.8
134 23.9 0.0 46.6



#80
1,2,4-Trimethylbenzene
Concen: 25.48 ug/l
RT: 13.18 min Scan# 3604
Delta R.T. 0.13 min
Lab File: VN046329.D
Acq: 5 Jan 2018 12:12

Tgt Ion:105 Resp: 937491
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.4

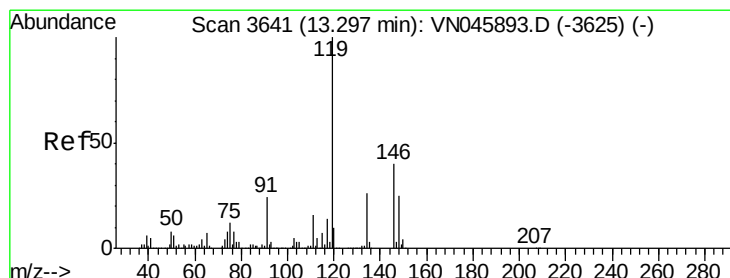
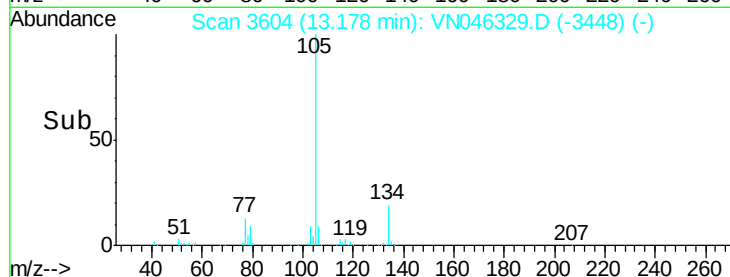
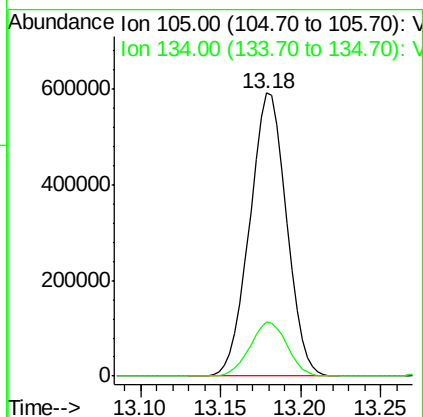
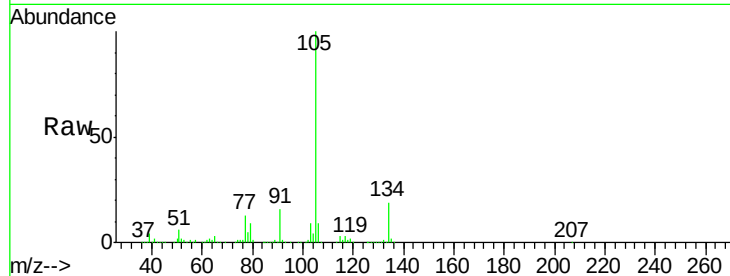




#81
 sec-Butylbenzene
 Concen: 24.04 ug/l
 RT: 13.18 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN046329.D
 Acq: 5 Jan 2018 12:12

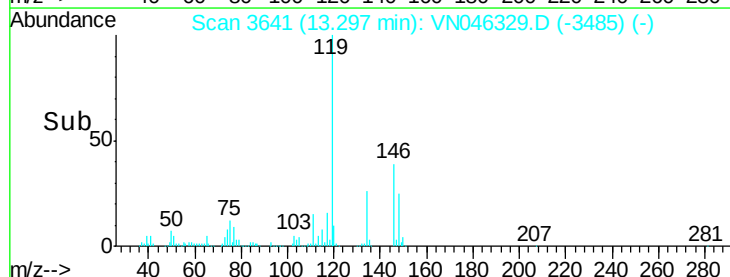
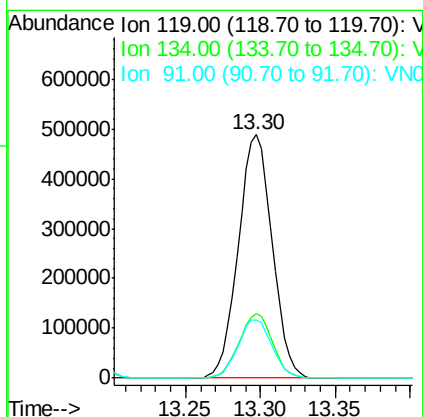
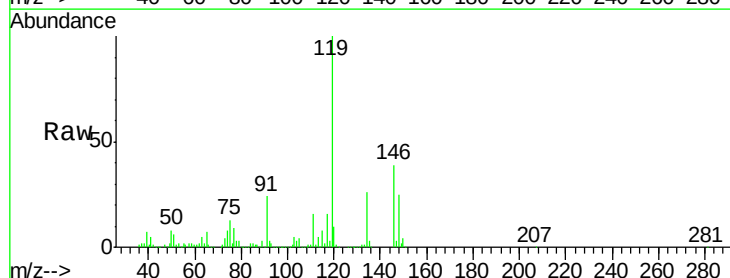
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0105WBS01

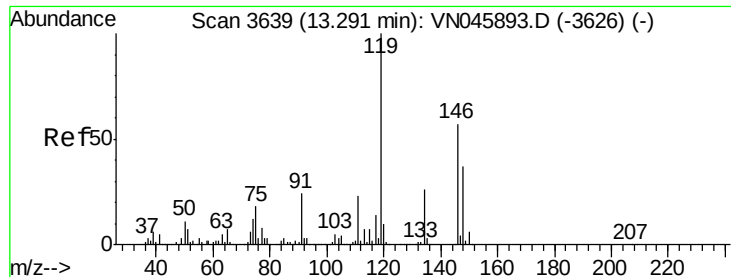
Tgt Ion:105 Resp: 937491
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 39.0



#82
 p-Isopropyltoluene
 Concen: 23.00 ug/l
 RT: 13.30 min Scan# 3641
 Delta R.T. 0.00 min
 Lab File: VN046329.D
 Acq: 5 Jan 2018 12:12

Tgt Ion:119 Resp: 769561
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 52.2
 91 24.0 0.0 47.8





#83

1,3-Dichlorobenzene

Concen: 21.35 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN046329.D

Acq: 5 Jan 2018 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0105WBS01

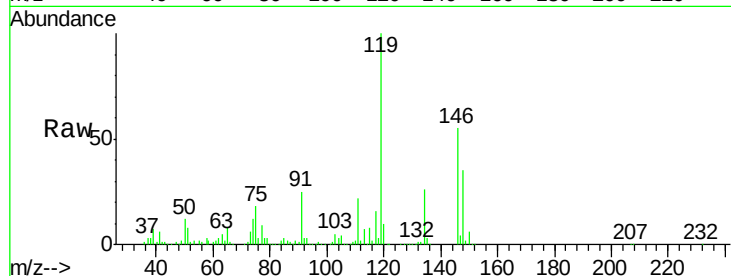
Tgt Ion:146 Resp: 378296

Ion Ratio Lower Upper

146 100

111 40.9 20.2 60.5

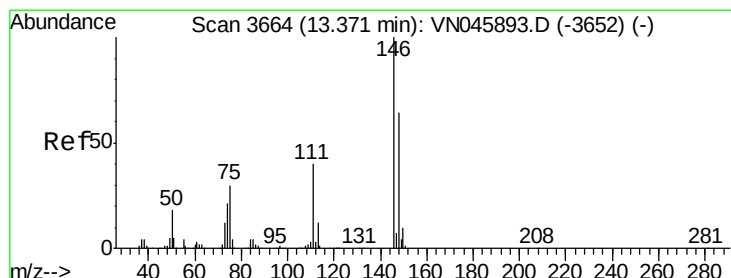
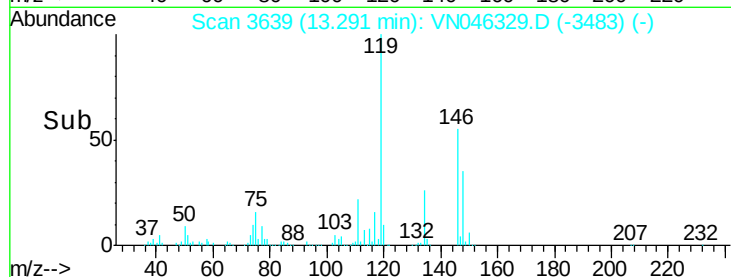
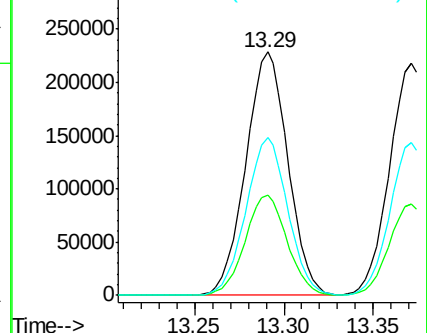
148 64.2 32.2 96.6



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 21.42 ug/l

RT: 13.37 min Scan# 3664

Delta R.T. 0.00 min

Lab File: VN046329.D

Acq: 5 Jan 2018 12:12

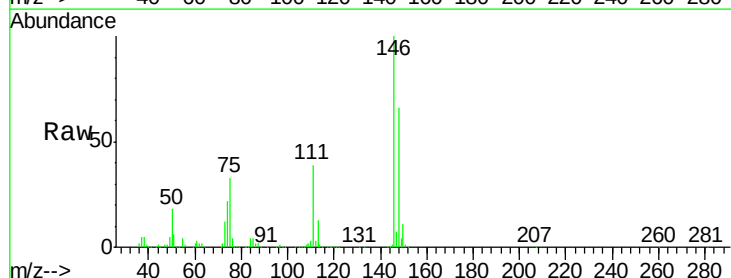
Tgt Ion:146 Resp: 360805

Ion Ratio Lower Upper

146 100

111 38.7 19.4 58.4

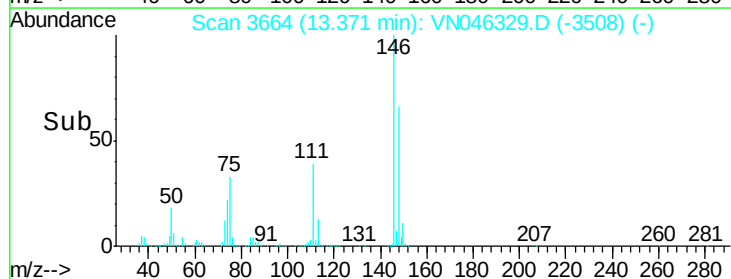
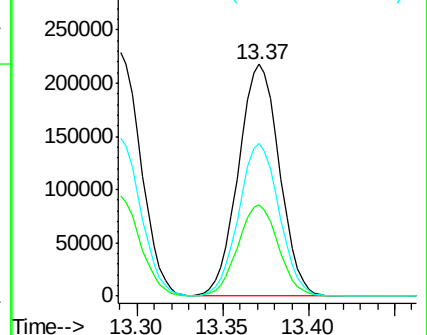
148 64.7 32.2 96.6

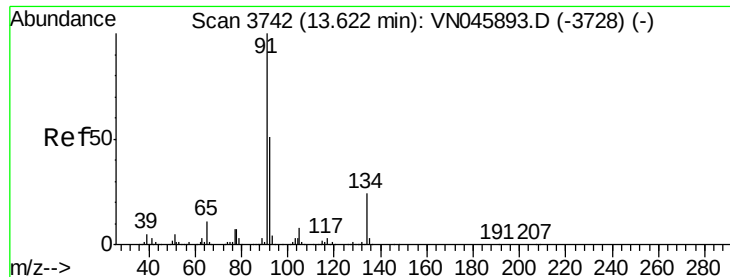


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#85

n-Butylbenzene

Concen: 23.04 ug/l

RT: 13.62 min Scan# 3742

Delta R.T. 0.00 min

Lab File: VN046329.D

Acq: 5 Jan 2018 12:12

Instrument :

MSVOA_N

ClientSampled :

VN0105WBS01

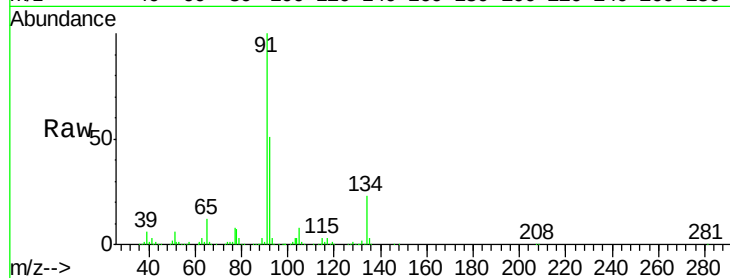
Tgt Ion: 91 Resp: 620560

Ion Ratio Lower Upper

91 100

92 50.5 0.0 101.6

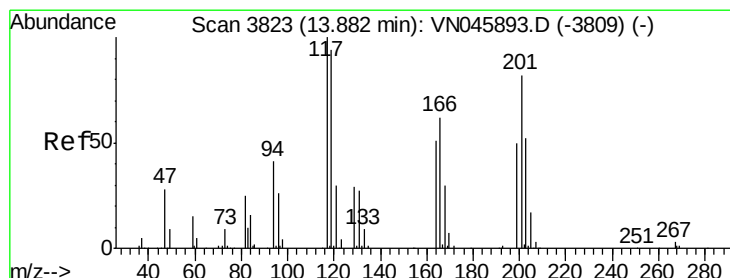
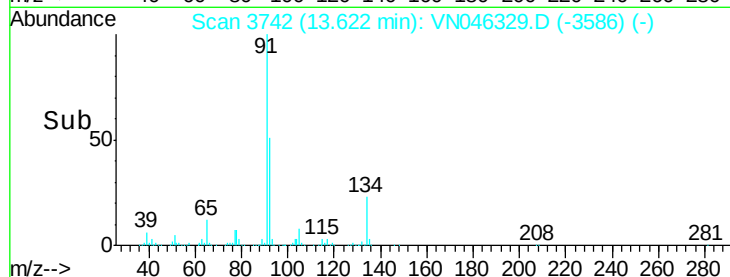
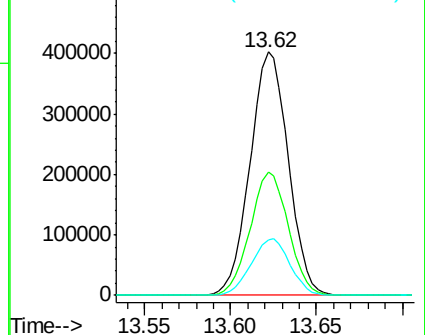
134 23.5 0.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VN045893.D (-3728) (-)

Ion 92.00 (91.70 to 92.70): VN045893.D (-3728) (-)

Ion 134.00 (133.70 to 134.70): VN045893.D (-3728) (-)



#86

Hexachloroethane

Concen: 21.43 ug/l

RT: 13.88 min Scan# 3823

Delta R.T. 0.00 min

Lab File: VN046329.D

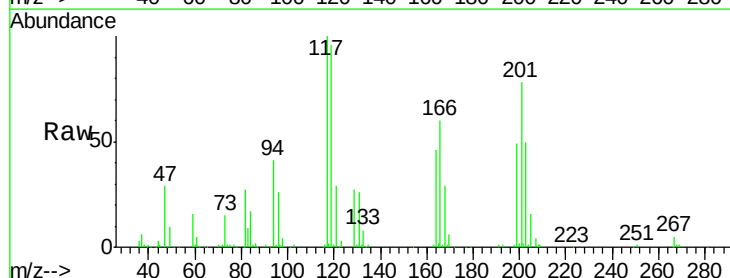
Acq: 5 Jan 2018 12:12

Tgt Ion: 117 Resp: 109862

Ion Ratio Lower Upper

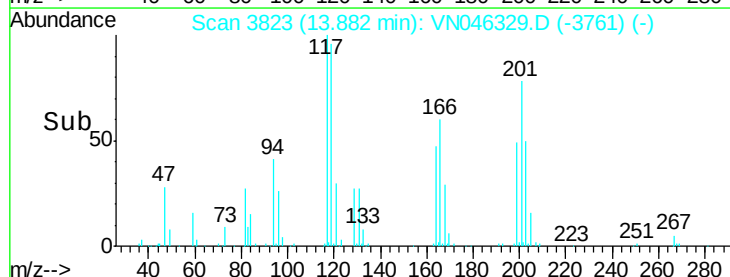
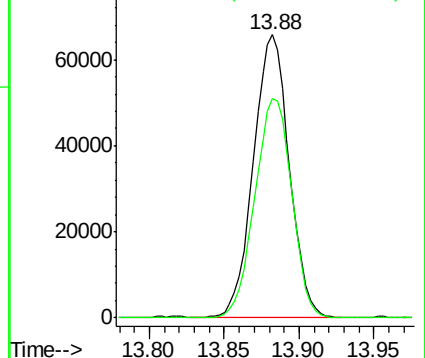
117 100

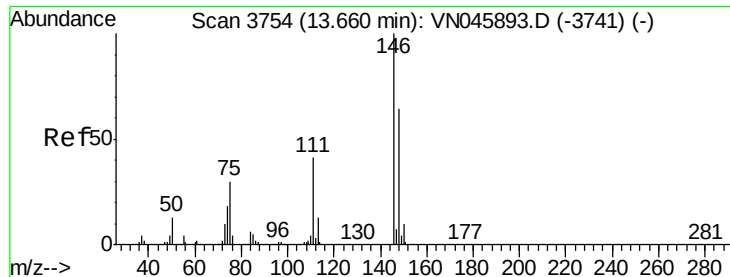
201 79.7 40.1 120.2



Abundance Ion 117.00 (116.70 to 117.70): VN045893.D (-3809) (-)

Ion 201.00 (200.70 to 201.70): VN045893.D (-3809) (-)

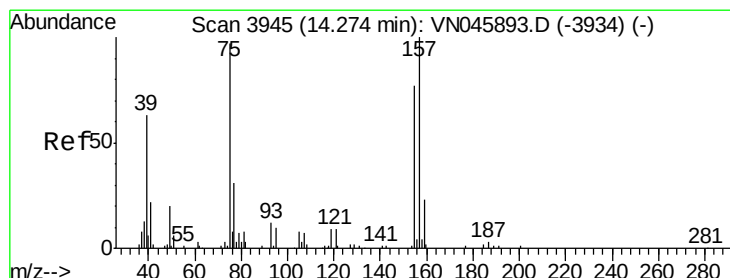
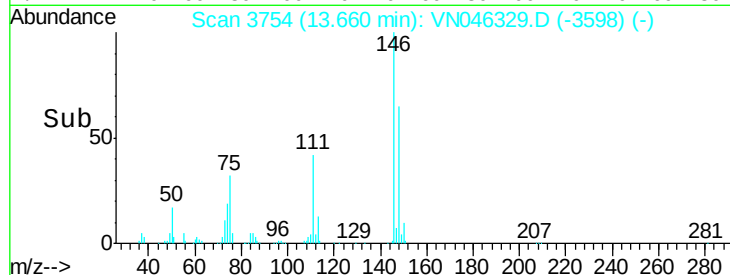
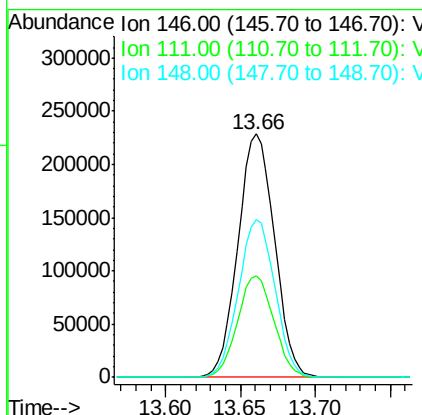
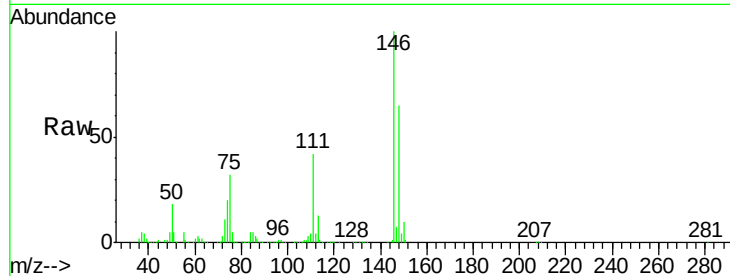




#87
 1,2-Dichlorobenzene
 Concen: 21.51 ug/l
 RT: 13.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VN046329.D
 Acq: 5 Jan 2018 12:12

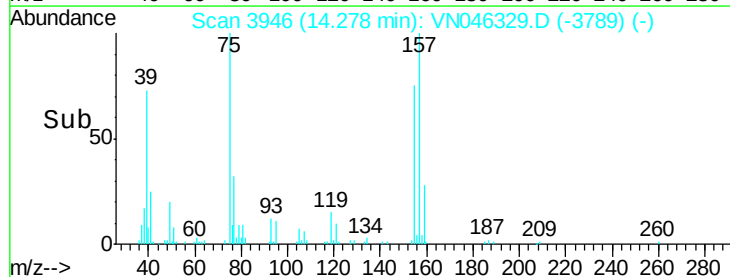
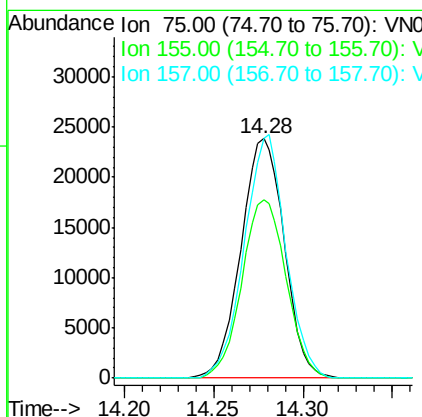
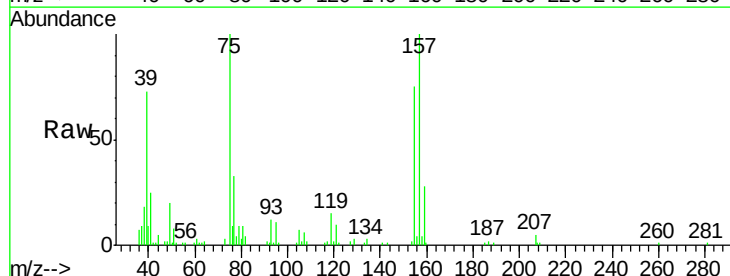
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0105WBS01

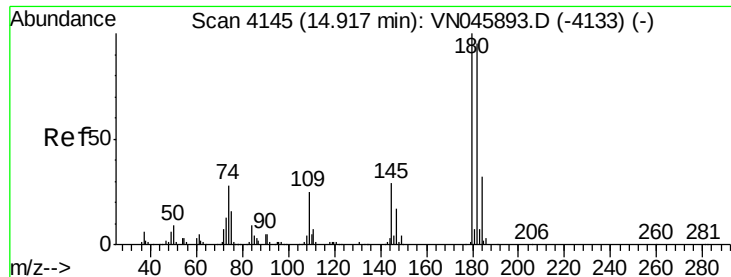
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	21.3	63.7
148	64.6	32.4	97.2



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 23.37 ug/l
 RT: 14.28 min Scan# 3946
 Delta R.T. 0.00 min
 Lab File: VN046329.D
 Acq: 5 Jan 2018 12:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.9	66.0	99.0
157	97.1	85.4	128.0

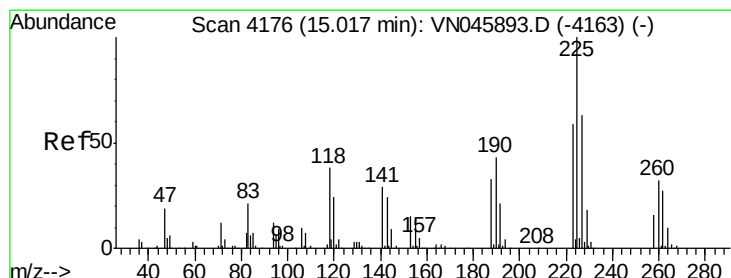
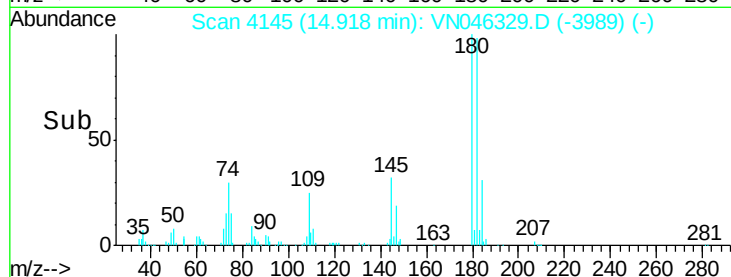
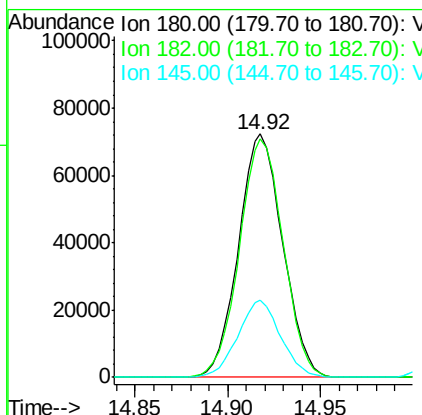
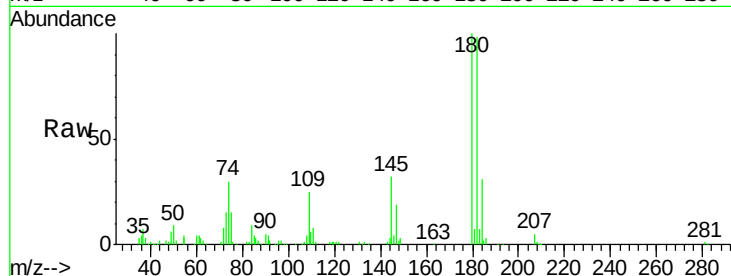




#89
 1,2,4-Trichlorobenzene
 Concen: 17.56 ug/l
 RT: 14.92 min Scan# 4145
 Delta R.T. 0.00 min
 Lab File: VN046329.D
 Acq: 5 Jan 2018 12:12

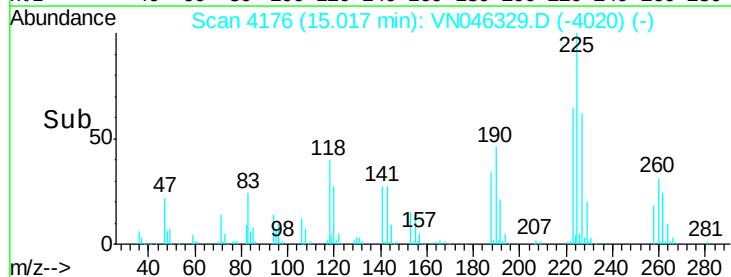
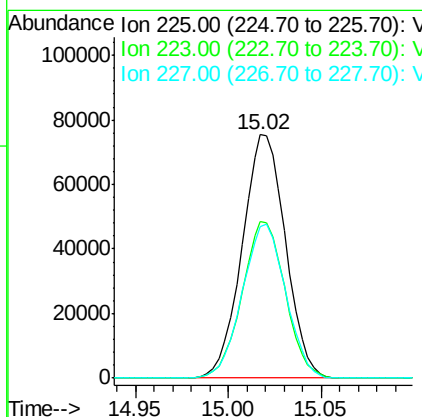
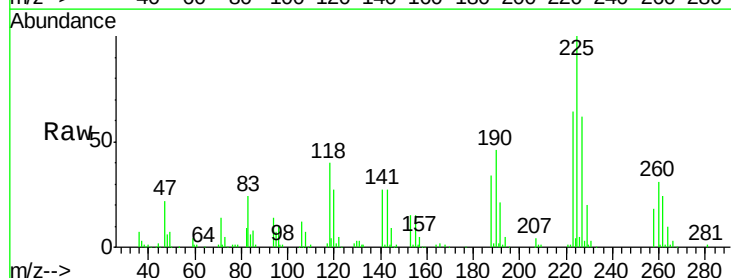
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0105WBS01

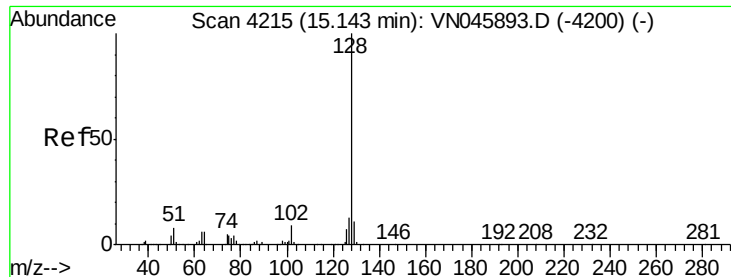
Tgt Ion:180 Resp: 119508
 Ion Ratio Lower Upper
 180 100
 182 97.0 75.8 113.6
 145 30.7 23.4 35.2



#90
 Hexachlorobutadiene
 Concen: 26.09 ug/l
 RT: 15.02 min Scan# 4176
 Delta R.T. 0.00 min
 Lab File: VN046329.D
 Acq: 5 Jan 2018 12:12

Tgt Ion:225 Resp: 122876
 Ion Ratio Lower Upper
 225 100
 223 63.8 0.0 123.0
 227 63.4 0.0 129.2





#91

Naphthalene

Concen: 16.76 ug/l

RT: 15.14 min Scan# 4215

Delta R.T. 0.00 min

Lab File: VN046329.D

Acq: 5 Jan 2018 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0105WBS01

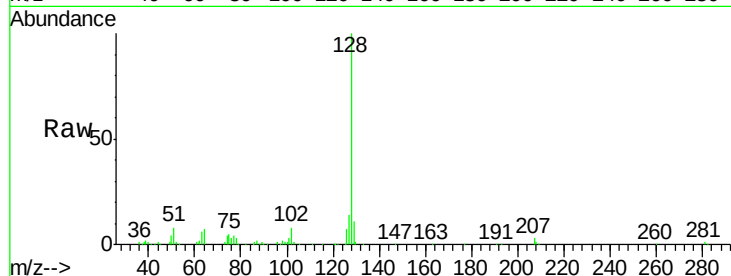
Tgt Ion:128 Resp: 239342

Ion Ratio Lower Upper

128 100

127 13.7 10.5 15.7

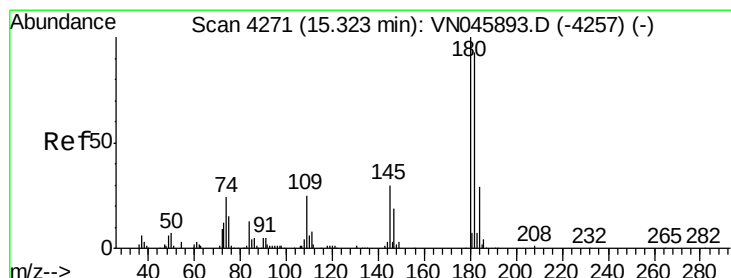
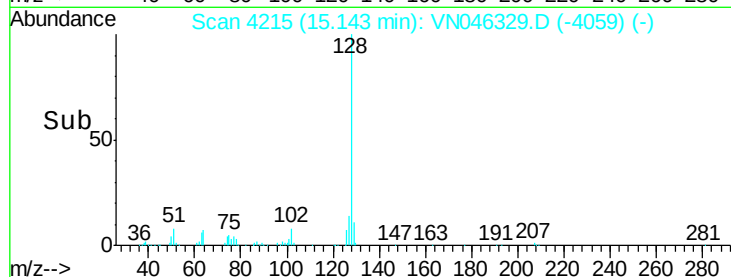
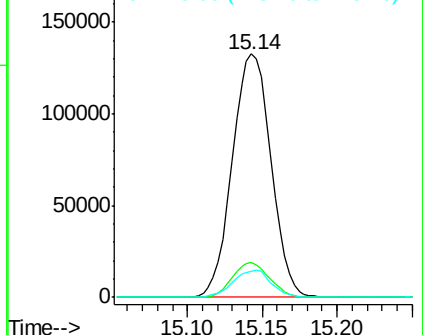
129 11.0 8.9 13.3



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



#92

1,2,3-Trichlorobenzene

Concen: 19.34 ug/l

RT: 15.33 min Scan# 4272

Delta R.T. 0.00 min

Lab File: VN046329.D

Acq: 5 Jan 2018 12:12

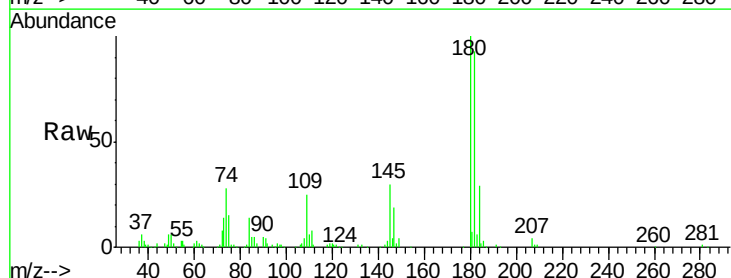
Tgt Ion:180 Resp: 137826

Ion Ratio Lower Upper

180 100

182 93.0 0.0 183.0

145 30.8 0.0 61.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

