

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021519\
 Data File : VN053796.D
 Acq On : 15 Feb 2019 13:30
 Operator : JC/SP
 Sample : K1484-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 15 23:23:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	684718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1134691	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1122093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	421107	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	364433	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
35) Dibromofluoromethane	7.59	113	362686	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
50) Toluene-d8	10.09	98	1426685	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	
62) 4-Bromofluorobenzene	12.40	95	475647	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	61	0.346	ug/l #	42
8) Diethyl Ether	3.42	74	5841	1.495	ug/l	86
14) Allyl chloride	4.55	41	125298	12.411	ug/l #	27
16) Acetone	3.82	43	19077	10.827	ug/l	96
18) Methyl Acetate	4.33	43	2417	0.463	ug/l #	62
20) Methylene Chloride	4.55	84	3390155	458.625	ug/l	99
25) 2-Butanone	6.84	43	3894	1.550	ug/l	96
29) Tetrahydrofuran	7.22	42	1424	0.882	ug/l #	46
31) Cyclohexane	7.67	56	14272	1.063	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	38875	3.801	ug/l #	50
38) Carbon Tetrachloride	7.67	117	55727	5.408	ug/l #	17
39) Methylcyclohexane	9.08	83	6993	0.576	ug/l	95
41) Methacrylonitrile	7.21	41	1221	0.382	ug/l #	25
43) Isopropyl Acetate	8.17	43	29317	2.657	ug/l #	84
45) 1,2-Dichloropropane	9.27	63	1944	0.241	ug/l #	43
48) Methyl methacrylate	9.18	41	8597	1.632	ug/l #	12
49) 1,4-Dioxane	9.26	88	189	41.478	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	6554	1.209	ug/l	93
52) Toluene	10.15	92	16976	0.907	ug/l	98
54) cis-1,3-Dichloropropene	9.90	75	70238	5.854	ug/l #	62
57) 1,3-Dichloropropane	10.76	76	13370	1.160	ug/l #	43
59) 2-Hexanone	10.76	43	176253	47.890	ug/l #	51
67) Ethyl Benzene	11.51	91	77898	1.990	ug/l	98
68) m/p-Xylenes	11.62	106	72675	4.863	ug/l	99
69) o-Xylene	11.95	106	19646	1.361	ug/l	98
71) Bromoform	12.40	173	2568	0.450	ug/l #	1
73) Isopropylbenzene	12.25	105	11027	0.372	ug/l	96
76) 1,2,3-Trichloropropane	12.40	75	217900	40.286	ug/l #	100
78) n-propylbenzene	12.59	91	38131	1.114	ug/l	100
79) 2-Chlorotoluene	12.65	91	12906	0.636	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.73	105	52247	2.128	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	217900	113.280	ug/l #	15
83) tert-Butylbenzene	13.04	119	18795	0.866	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.04	105	143349	5.732	ug/l	100

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QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration

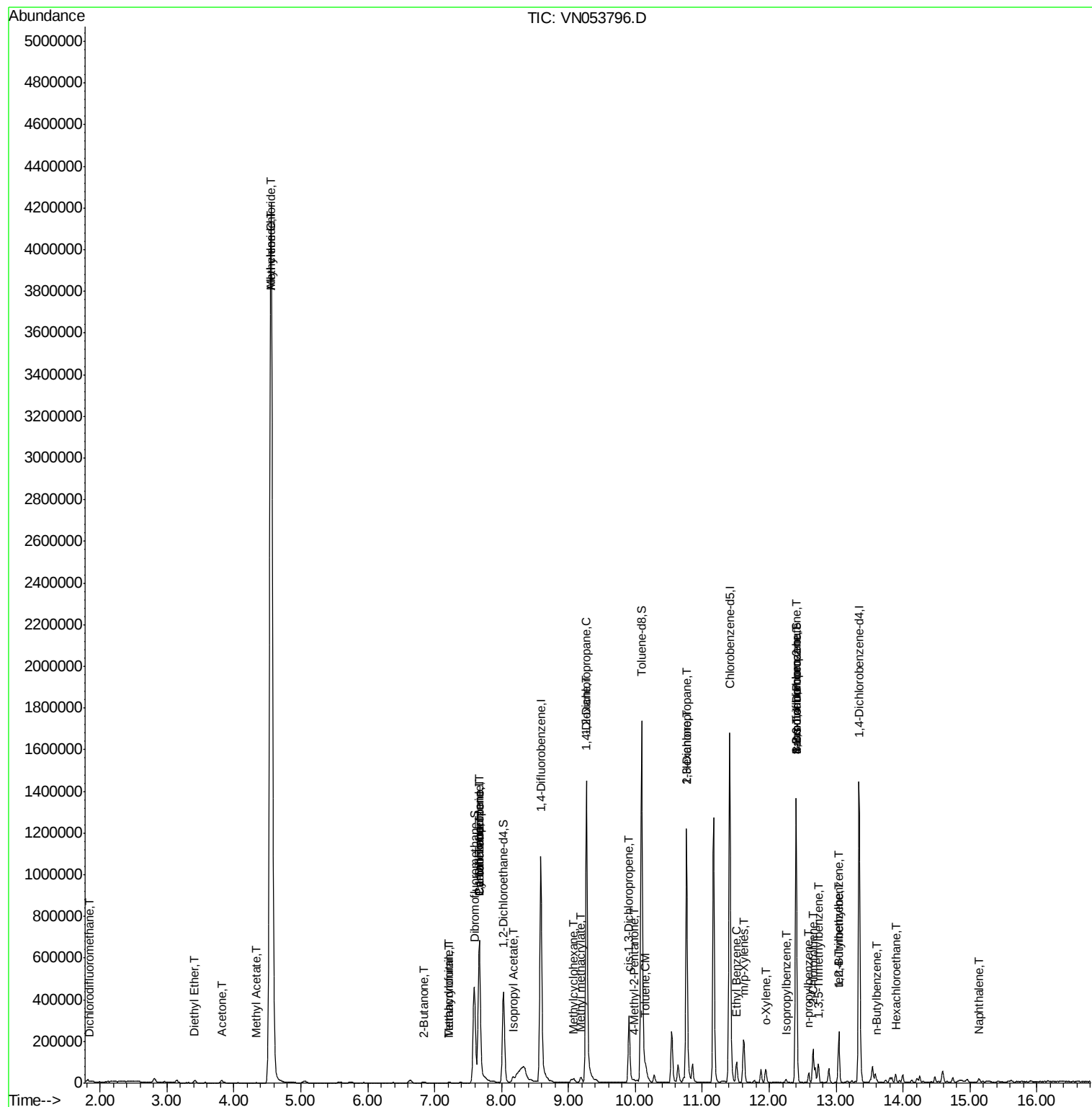
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.61	91	4694	0.210	ug/l #	78
90) Hexachloroethane	13.89	117	2562	0.602	ug/l #	3
95) Naphthalene	15.13	128	15086	2.524	ug/l	99

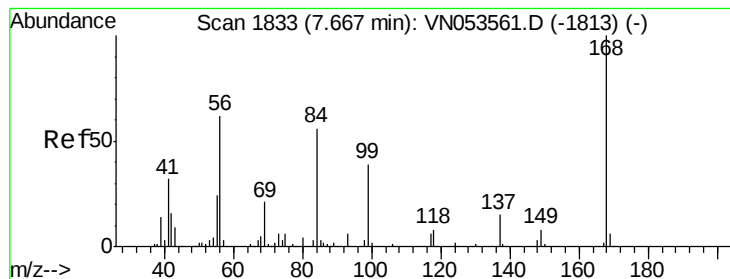
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021519\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053796.D

Acq: 15 Feb 2019 13:30

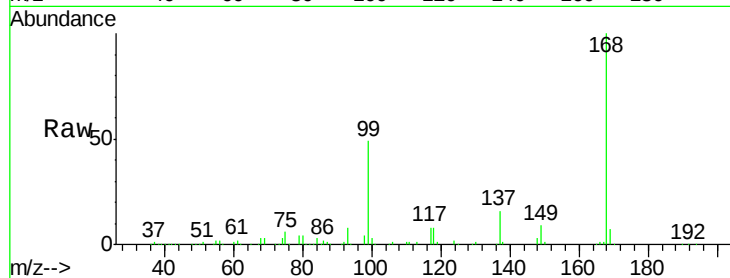
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 684718

Ion Ratio Lower Upper

168 100

99 48.7 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

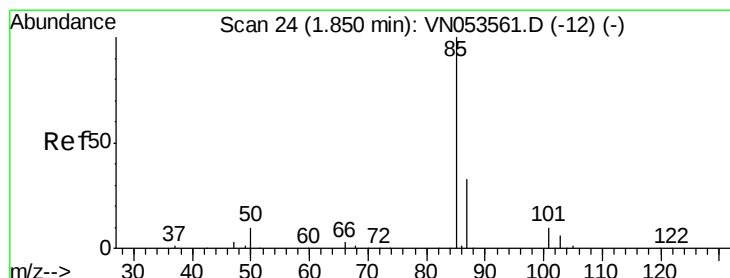
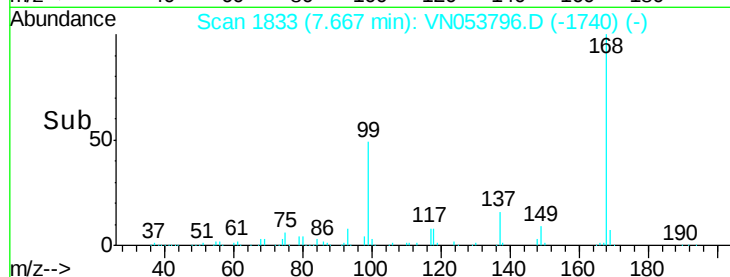
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#2

Dichlorodifluoromethane

Concen: 0.346 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN053796.D

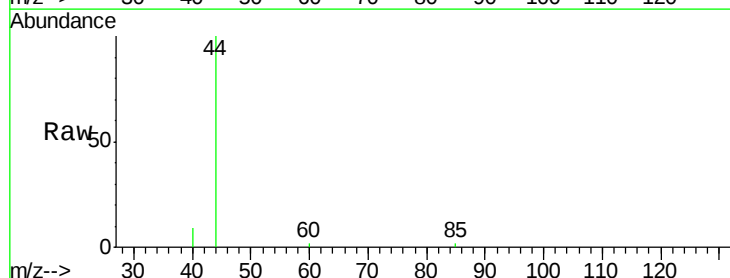
Acq: 15 Feb 2019 13:30

Tgt Ion: 85 Resp: 61

Ion Ratio Lower Upper

85 100

87 0.0 16.2 48.5#



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

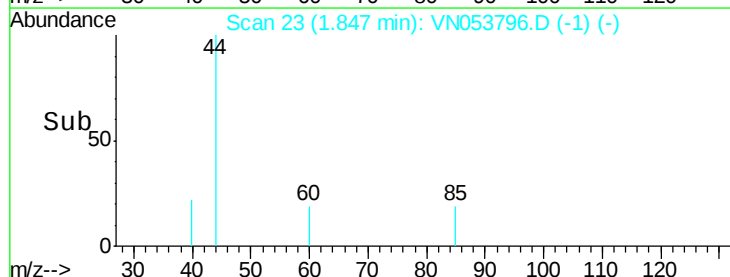
150

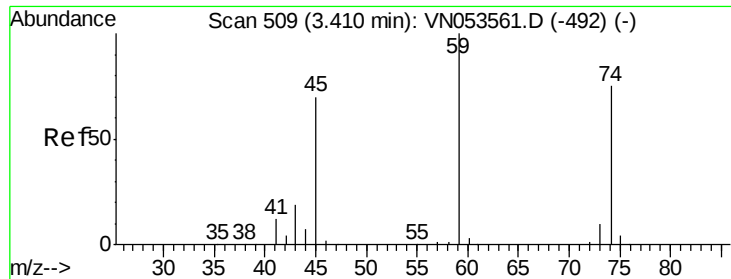
100

50

0

Time--> 1.84 1.85 1.86





#8

Diethyl Ether

Concen: 1.495 ug/l

RT: 3.42 min Scan# 512

Delta R.T. 0.01 min

Lab File: VN053796.D

Acq: 15 Feb 2019 13:30

Instrument :

MSVOA_N

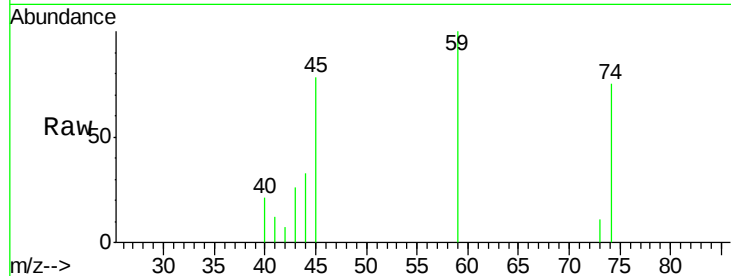
ClientSampleId :

Tot Ion: 74 Resp: 5841

Ion Ratio Lower Upper

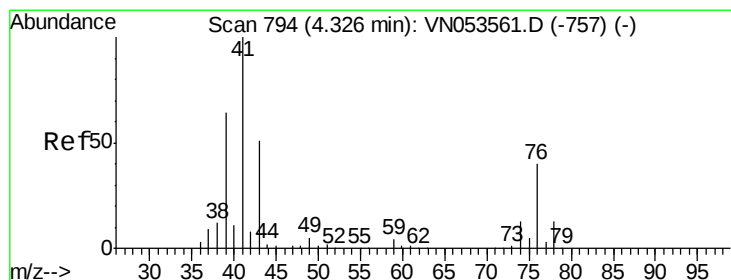
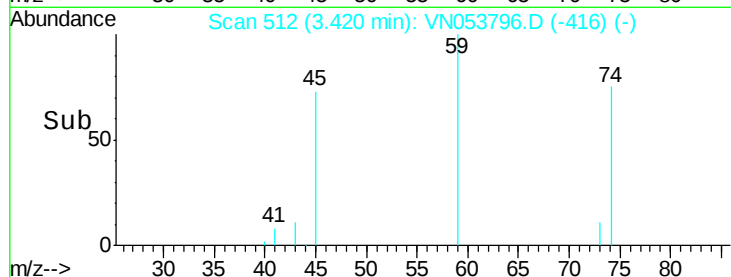
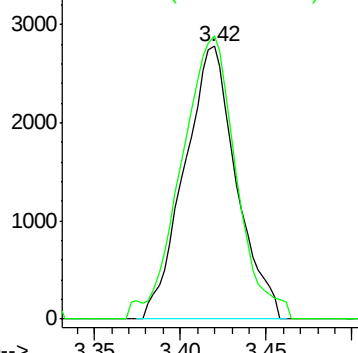
74 100

45 109.3 47.9 143.7



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#14

Allyl chloride

Concen: 12.411 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.23 min

Lab File: VN053796.D

Acq: 15 Feb 2019 13:30

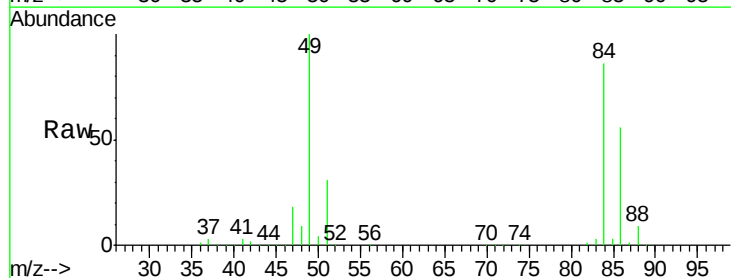
Tgt Ion: 41 Resp: 125298

Ion Ratio Lower Upper

41 100

39 0.2 48.9 73.3#

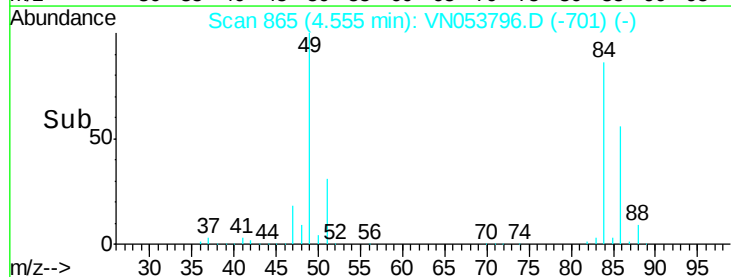
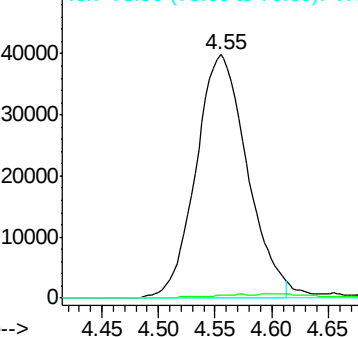
76 0.0 29.4 44.2#

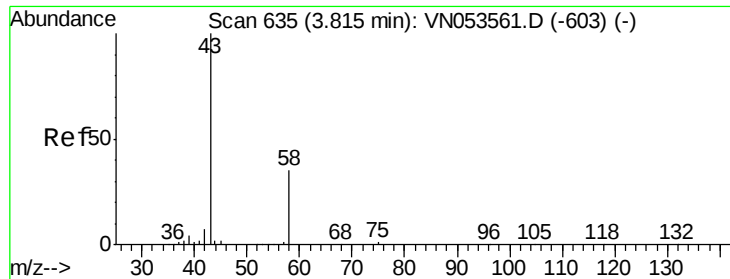


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#16

Acetone

Concen: 10.827 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053796.D

Acq: 15 Feb 2019 13:30

Instrument :

MSVOA_N

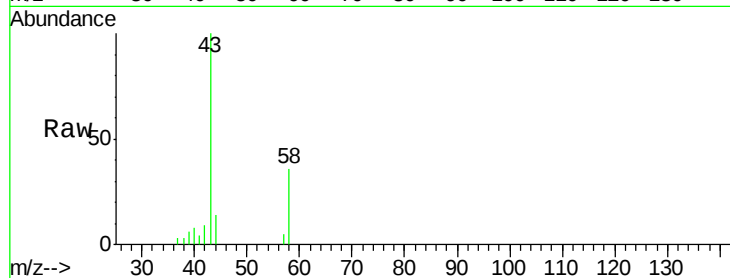
ClientSampled :

Tot Ion: 43 Resp: 19077

Ion Ratio Lower Upper

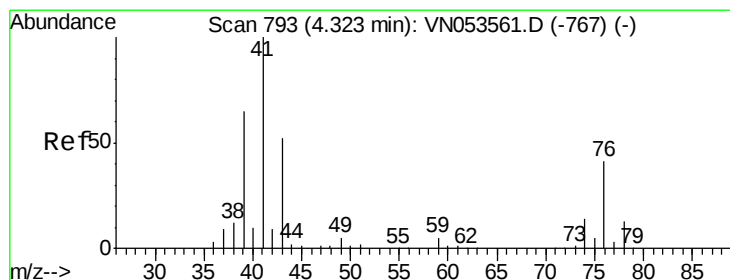
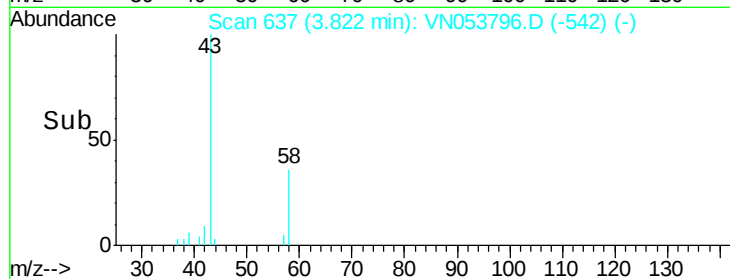
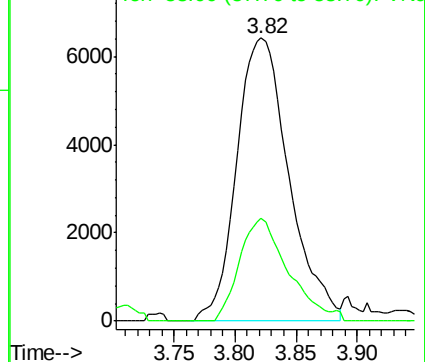
43 100

58 36.4 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 0.463 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN053796.D

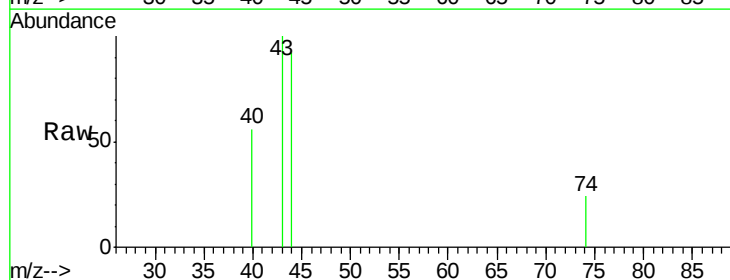
Acq: 15 Feb 2019 13:30

Tgt Ion: 43 Resp: 2417

Ion Ratio Lower Upper

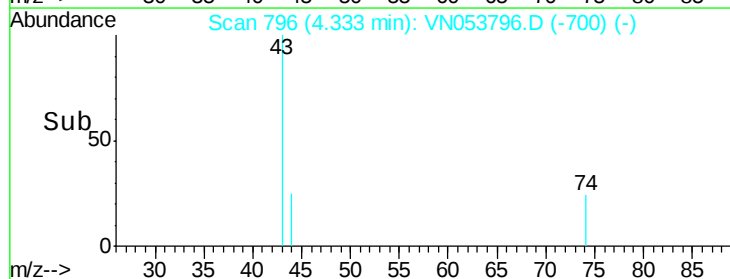
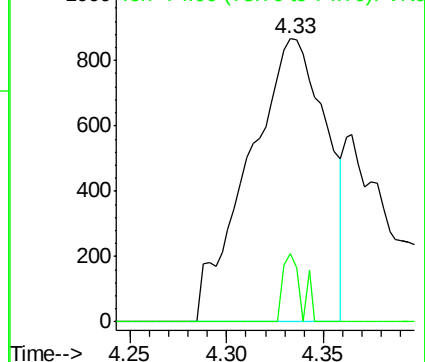
43 100

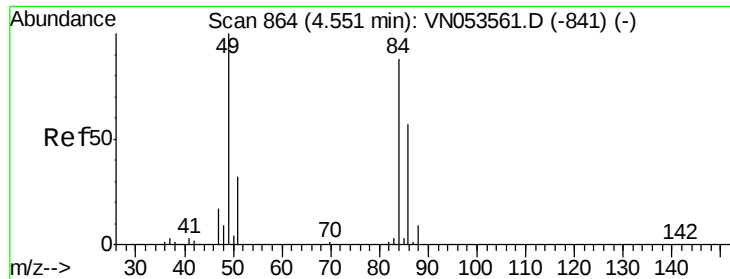
74 5.6 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



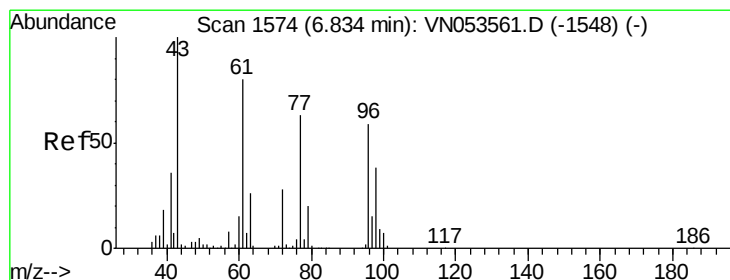
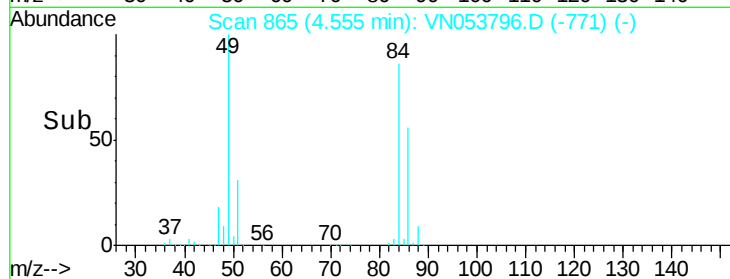
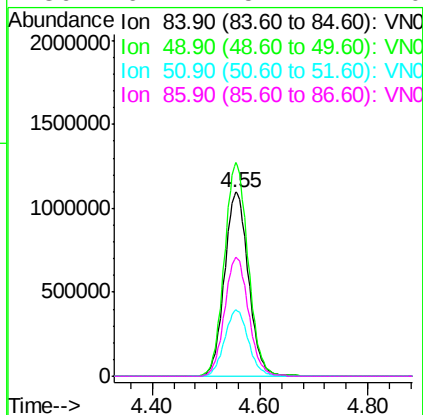
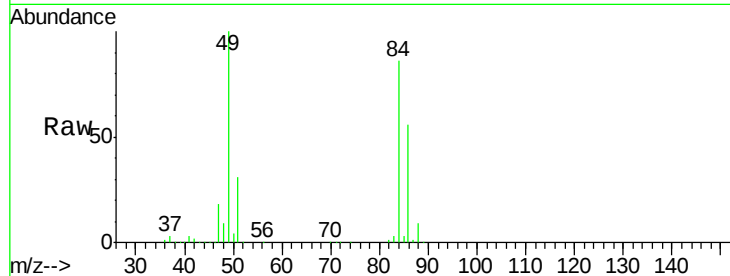


#20
Methvlene Chloride
Concen: 458.625 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053796.D
Acq: 15 Feb 2019 13:30

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 84 Resp: 3390155

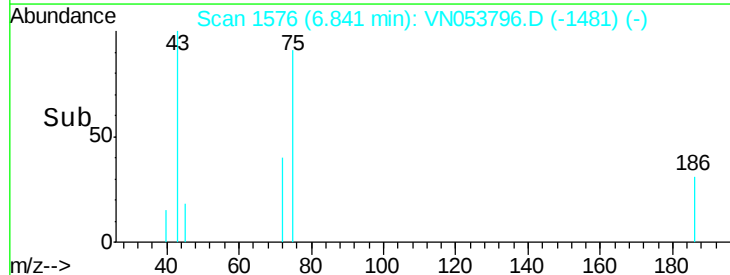
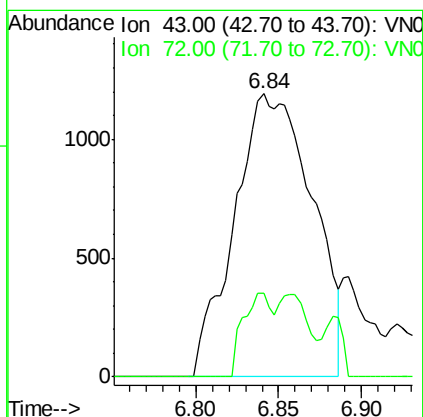
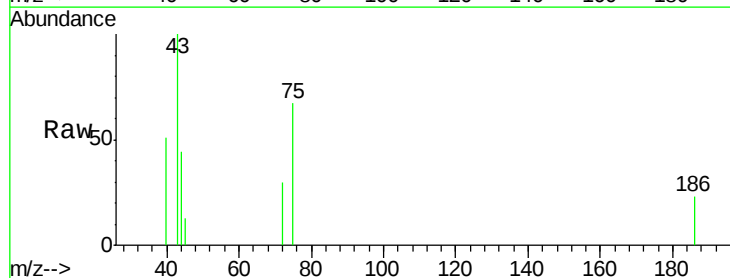
Ion	Ratio	Lower	Upper
84	100		
49	116.0	94.3	141.5
51	36.1	29.4	44.2
86	64.4	51.4	77.0

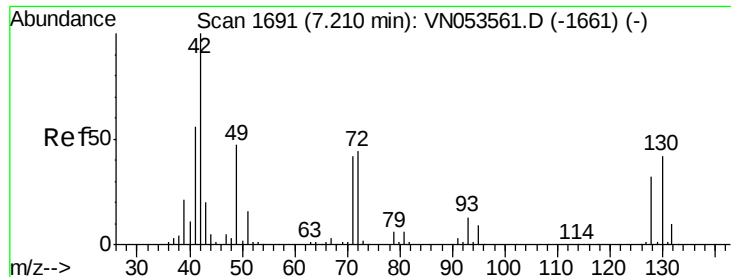


#25
2-Butanone
Concen: 1.550 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN053796.D
Acq: 15 Feb 2019 13:30

Tgt Ion: 43 Resp: 3894

Ion	Ratio	Lower	Upper
43	100		
72	29.6	22.0	33.0

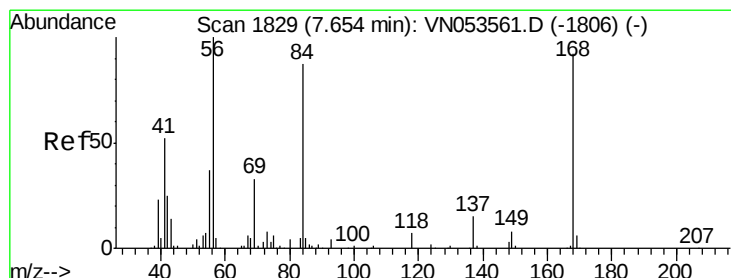
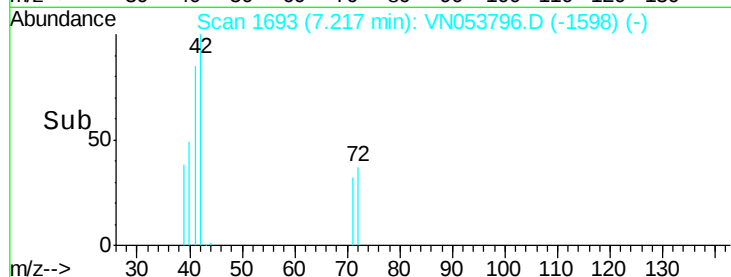
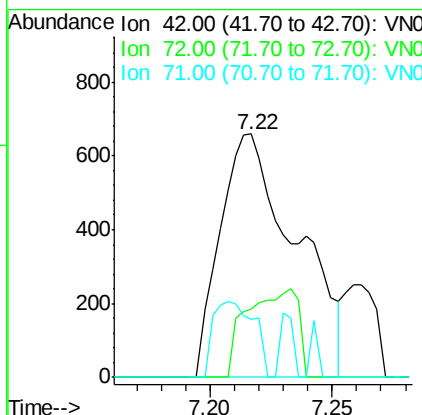
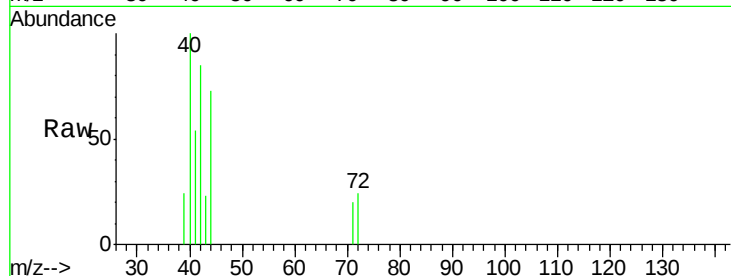




#29
Tetrahydrofuran
Concen: 0.882 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VN053796.D
Acq: 15 Feb 2019 13:30

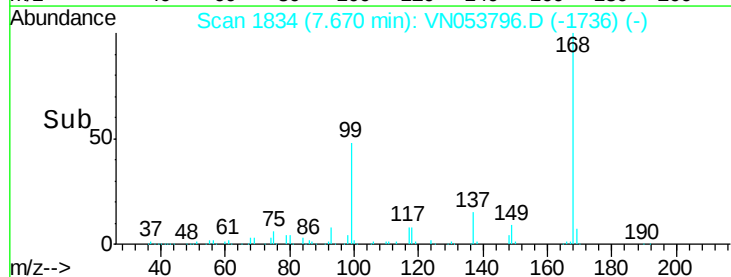
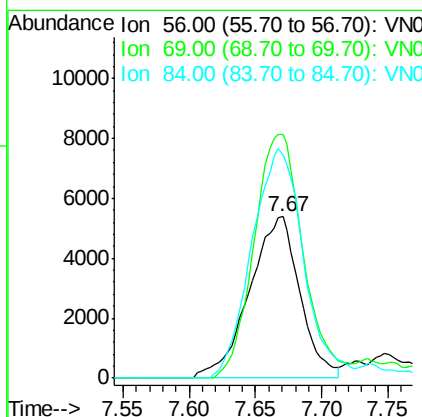
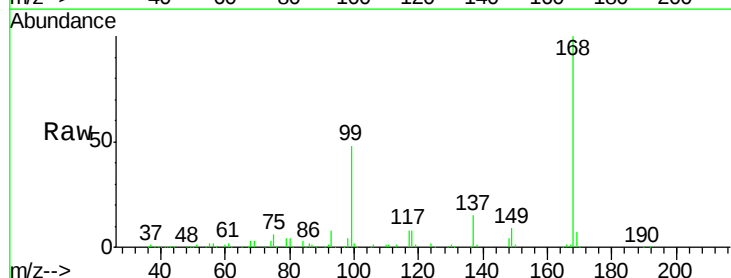
Instrument :
MSVOA_N
ClientSampleId :

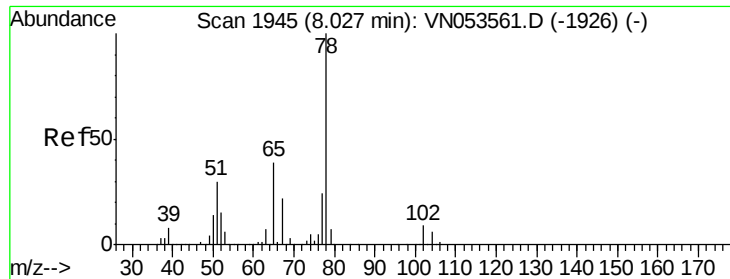
Tot Ion: 42 Resp: 1424
Ion Ratio Lower Upper
42 100
72 0.0 35.2 52.8#
71 17.0 33.0 49.4#



#31
Cyclohexane
Concen: 1.063 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. 0.02 min
Lab File: VN053796.D
Acq: 15 Feb 2019 13:30

Tgt Ion: 56 Resp: 14272
Ion Ratio Lower Upper
56 100
69 150.9 26.4 39.6#
84 138.7 67.9 101.9#





#33

1,2-Dichloroethane-d4

Concen: 53.054 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053796.D

Acq: 15 Feb 2019 13:30

Instrument :

MSVOA_N

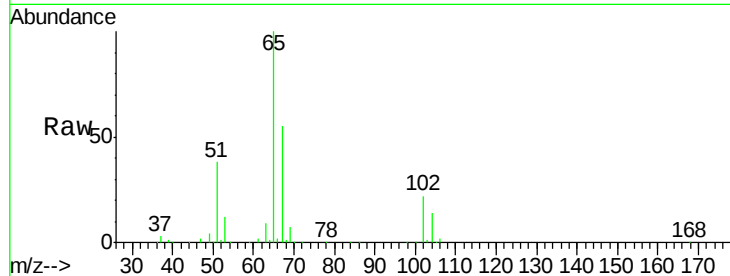
ClientSampled :

Tot Ion: 65 Resp: 364433

Ion Ratio Lower Upper

65 100

67 55.7 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN053796.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN053796.D (-1852) (-)

8.03

150000

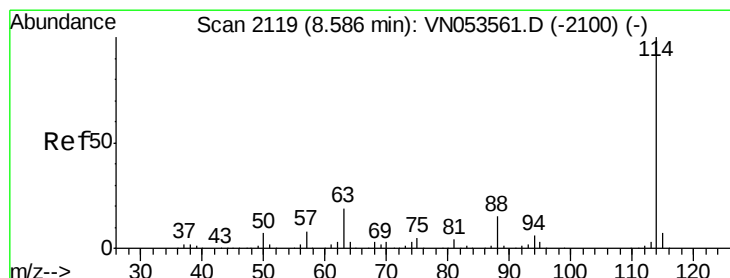
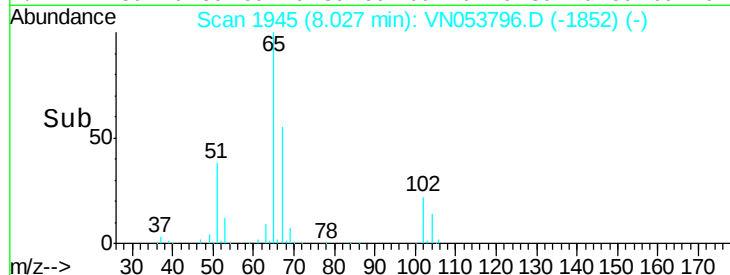
100000

50000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053796.D

Acq: 15 Feb 2019 13:30

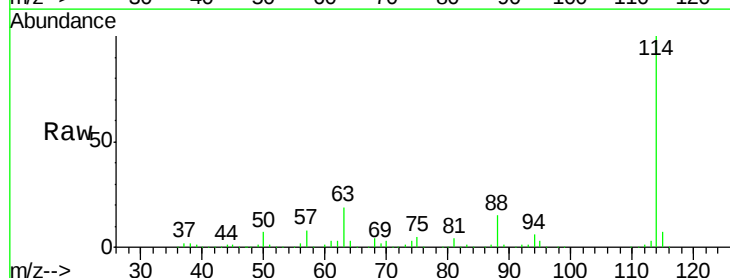
Tgt Ion: 114 Resp: 1134691

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.6

88 15.0 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VN053796.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN053796.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN053796.D (-2026) (-)

8.59

600000

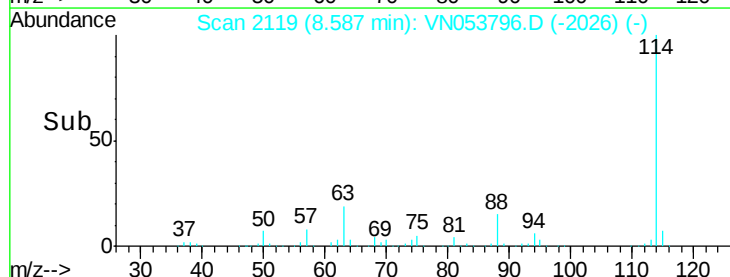
400000

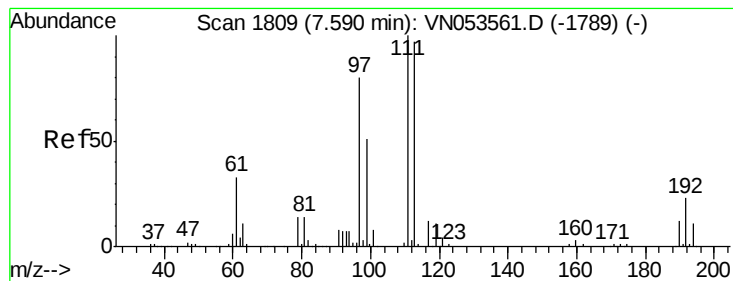
200000

0

8.50 8.60 8.70 8.80

Time-->





#35

Dibromofluoromethane

Concen: 50.585 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053796.D

Acq: 15 Feb 2019 13:30

Instrument :
MSVOA_N
ClientSampleId :

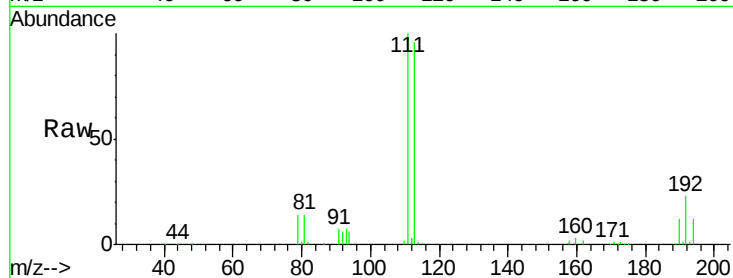
Tot Ion:113 Resp: 362686

Ion Ratio Lower Upper

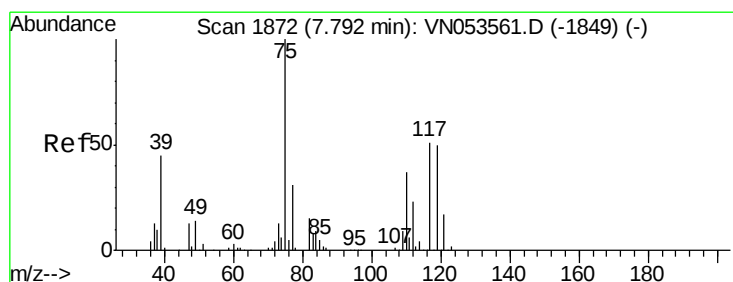
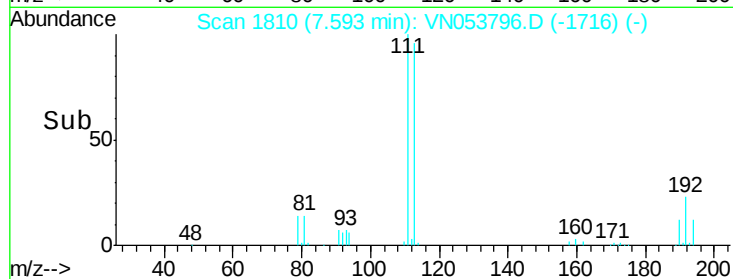
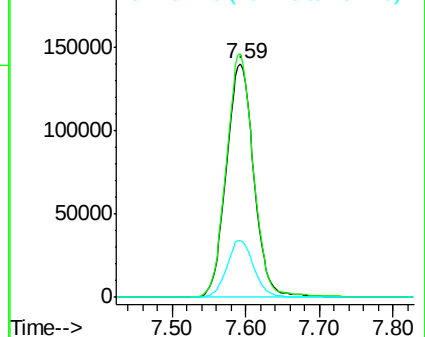
113 100

111 103.0 81.1 121.7

192 23.9 18.2 27.2



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



#36

1,1-Dichloropropene

Concen: 3.801 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN053796.D

Acq: 15 Feb 2019 13:30

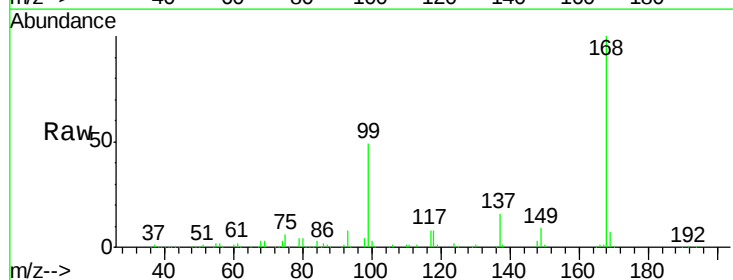
Tgt Ion: 75 Resp: 38875

Ion Ratio Lower Upper

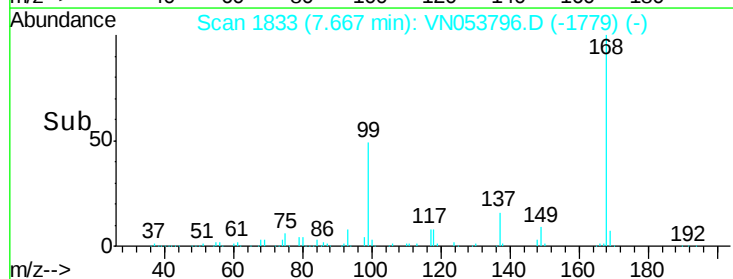
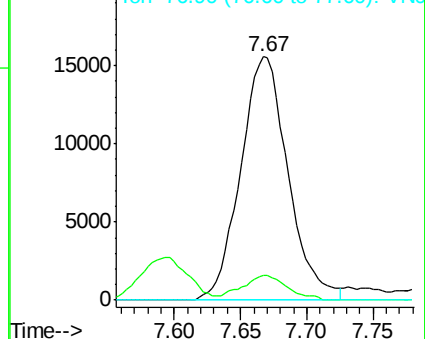
75 100

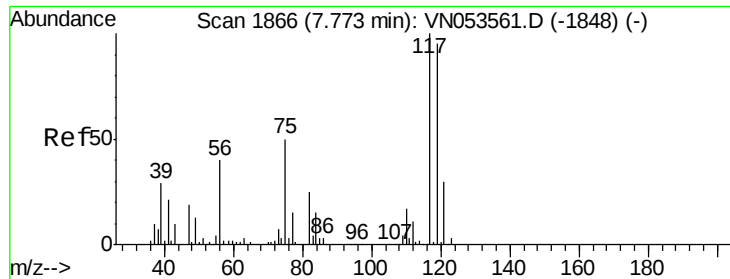
110 9.8 18.1 54.3#

77 0.0 25.1 37.7#



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

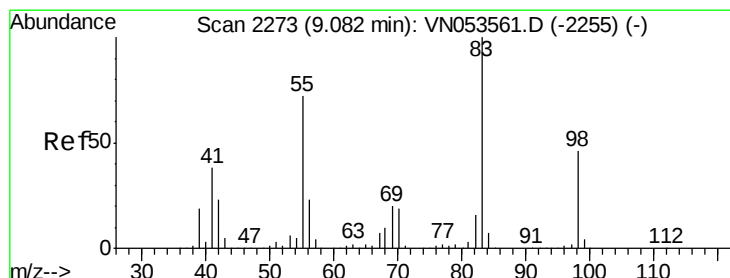
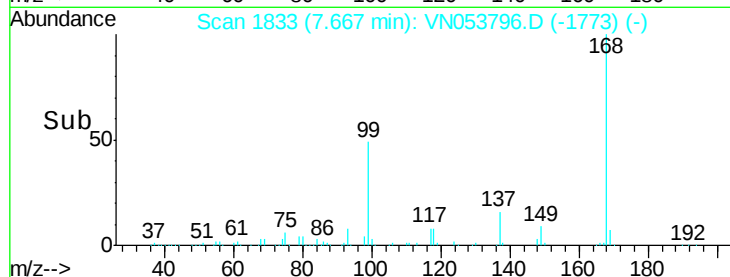
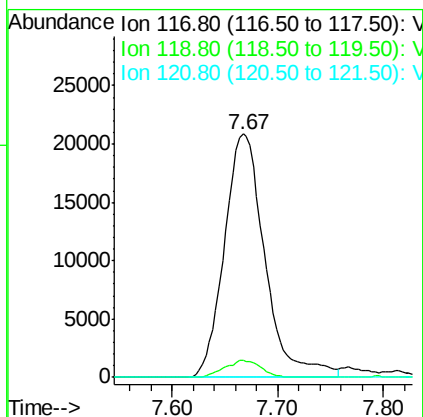
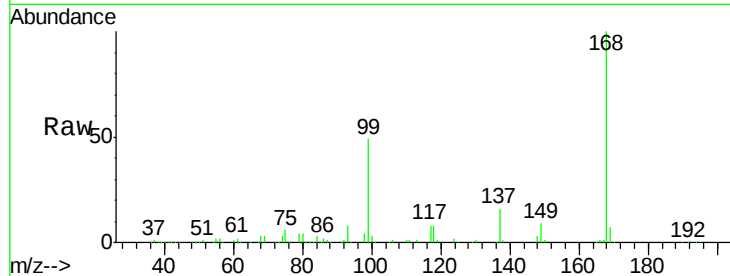




#38
Carbon Tetrachloride
Concen: 5.408 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053796.D
Acq: 15 Feb 2019 13:30

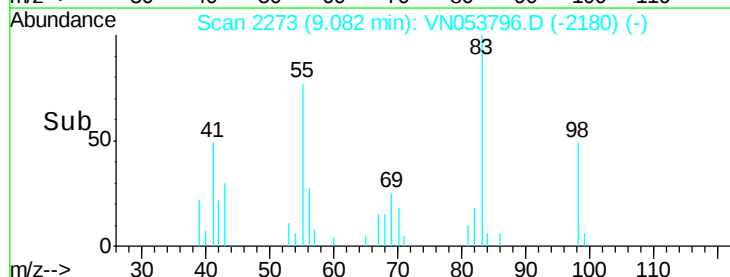
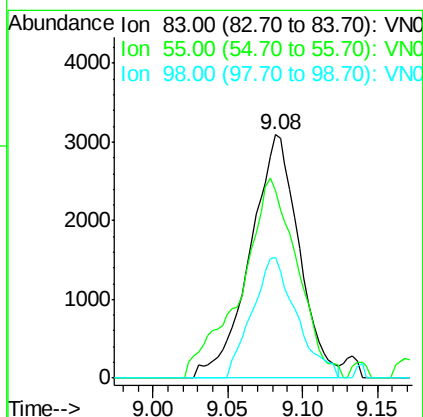
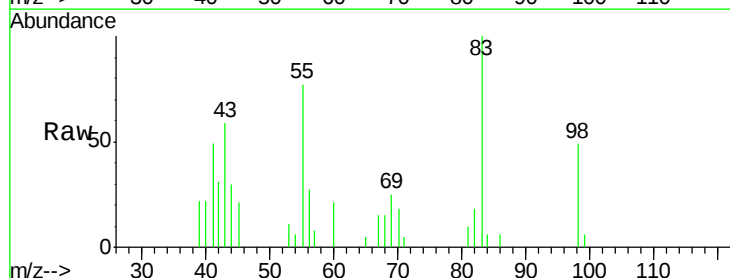
Instrument :
MSVOA_N
ClientSampled :

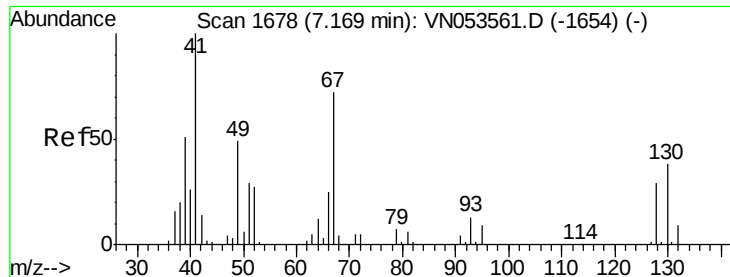
Tot Ion:117 Resp: 55727
Ion Ratio Lower Upper
117 100
119 6.8 77.2 115.8#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 0.576 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053796.D
Acq: 15 Feb 2019 13:30

Tgt Ion: 83 Resp: 6993
Ion Ratio Lower Upper
83 100
55 71.5 60.1 90.1
98 49.5 36.6 55.0





#41

Methacrylonitrile

Concen: 0.382 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. 0.04 min

Lab File: VN053796.D

Acq: 15 Feb 2019 13:30

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 41 Resp: 1221

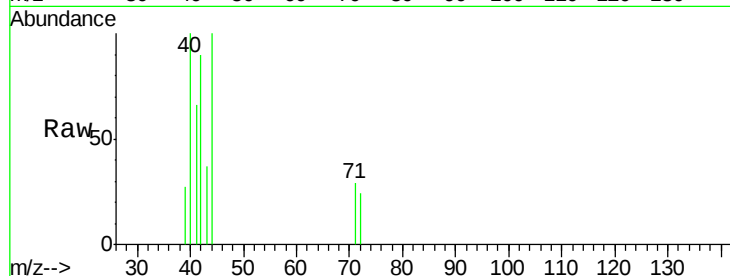
Ion Ratio Lower Upper

41 100

39 11.0 46.8 70.2#

67 0.0 63.0 94.6#

52 0.0 23.8 35.8#

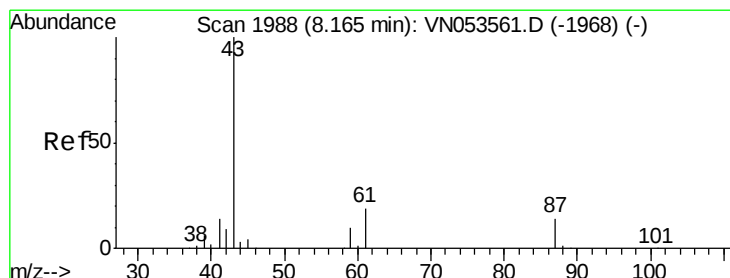
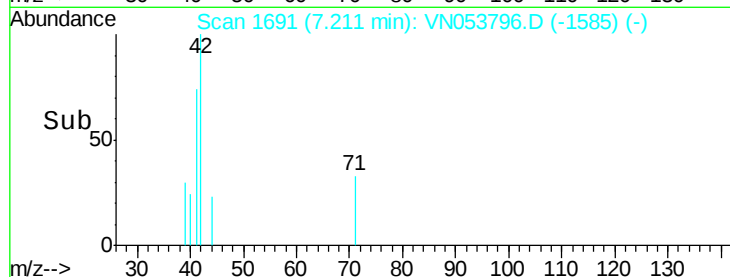
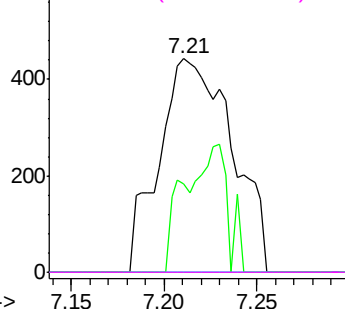


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#43

Isopropyl Acetate

Concen: 2.657 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN053796.D

Acq: 15 Feb 2019 13:30

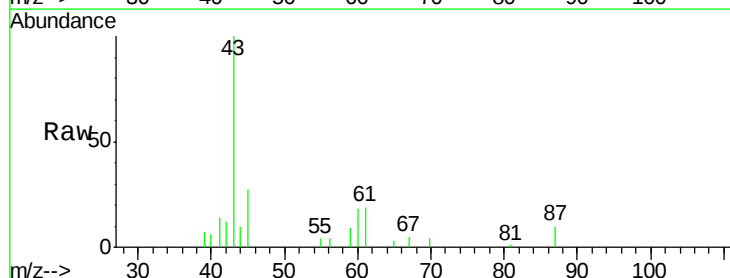
Tgt Ion: 43 Resp: 29317

Ion Ratio Lower Upper

43 100

61 18.5 23.9 35.9#

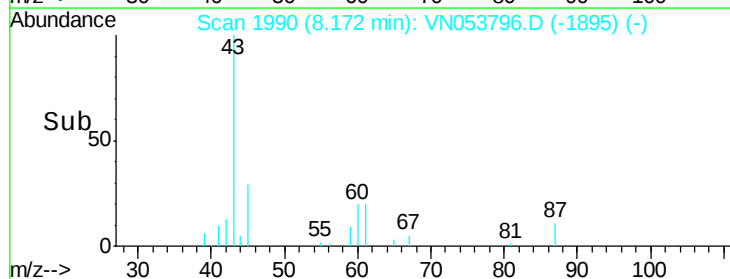
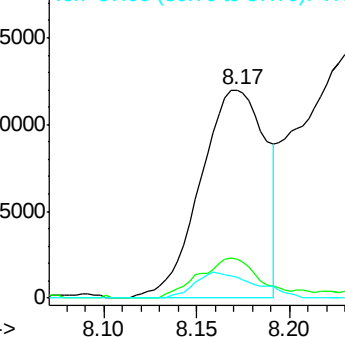
87 11.6 11.0 16.6

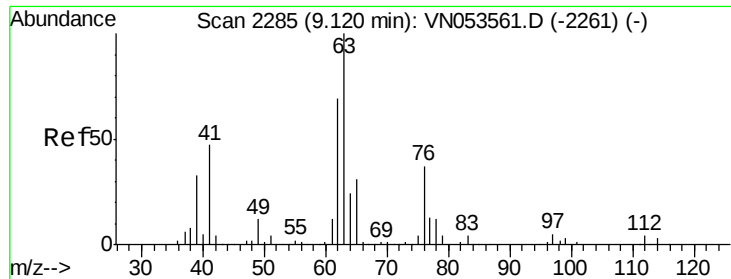


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#45

1,2-Dichloropropane

Concen: 0.241 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN053796.D

Acq: 15 Feb 2019 13:30

Instrument :

MSVOA_N

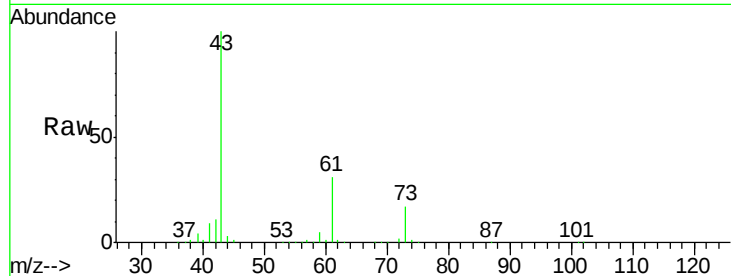
ClientSampled :

Tot Ion: 63 Resp: 1944

Ion Ratio Lower Upper

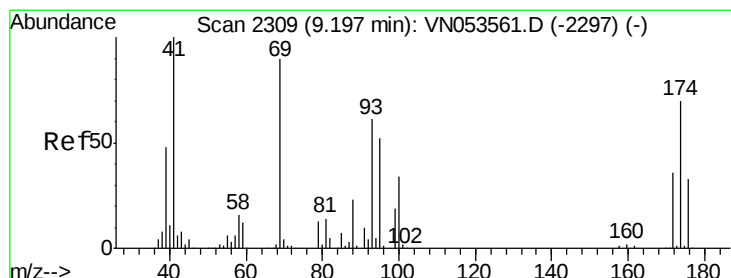
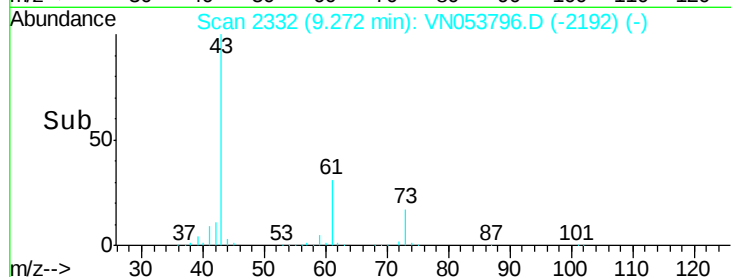
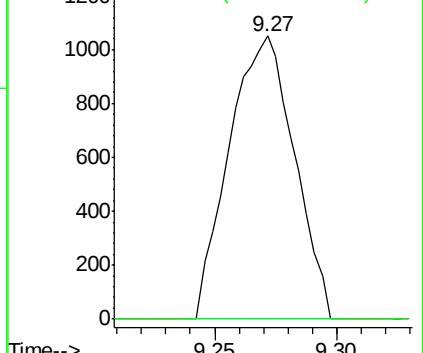
63 100

65 0.0 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#48

Methyl methacrylate

Concen: 1.632 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN053796.D

Acq: 15 Feb 2019 13:30

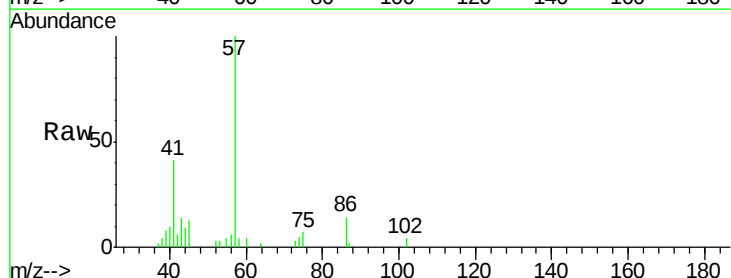
Tgt Ion: 41 Resp: 8597

Ion Ratio Lower Upper

41 100

69 0.0 73.8 110.6#

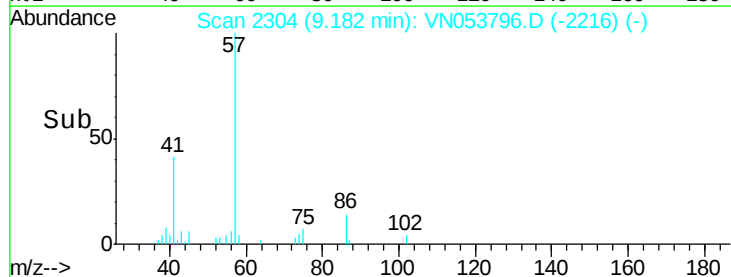
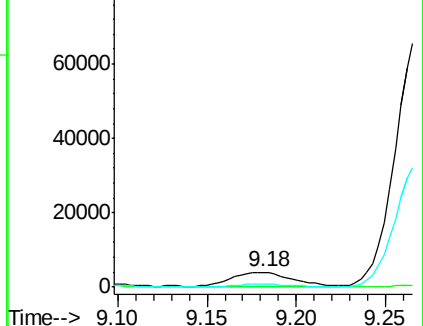
39 0.0 40.0 60.0#

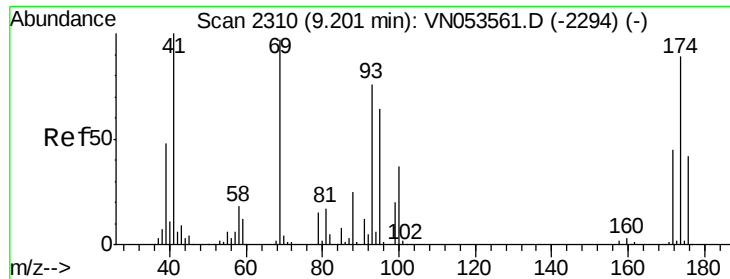


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#49

1,4-Dioxane

Concen: 41.478 ug/l

RT: 9.26 min Scan# 2327

Delta R.T. 0.06 min

Lab File: VN053796.D

Acq: 15 Feb 2019 13:30

Instrument :

MSVOA_N

ClientSampled :

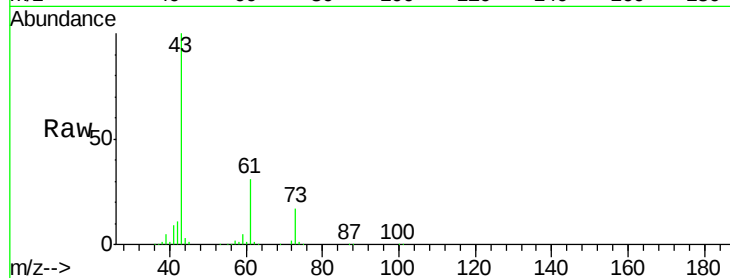
Tot Ion: 88 Resp: 189

Ion Ratio Lower Upper

88 100

43 817187.3 27.8 41.6#

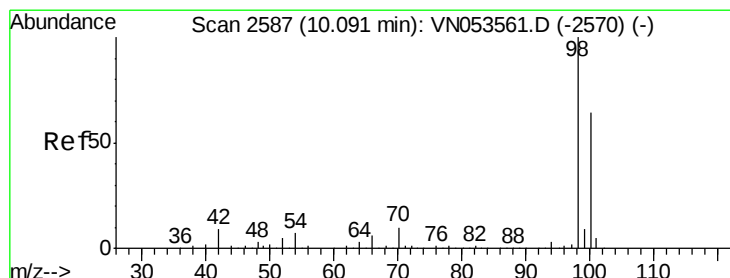
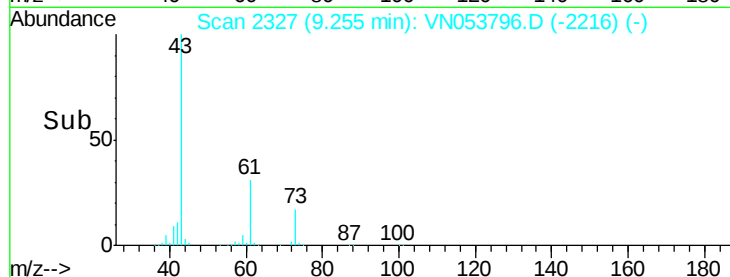
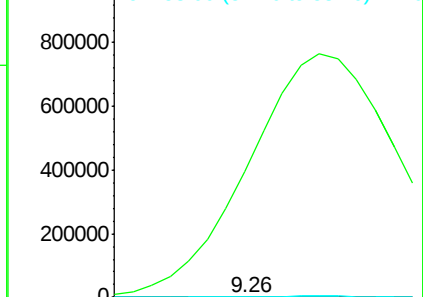
58 3998.4 56.5 84.7#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 52.995 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053796.D

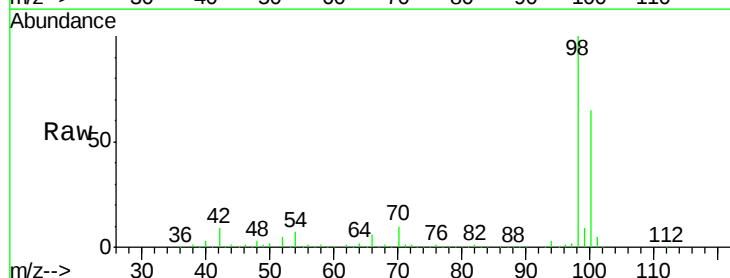
Acq: 15 Feb 2019 13:30

Tgt Ion: 98 Resp: 1426685

Ion Ratio Lower Upper

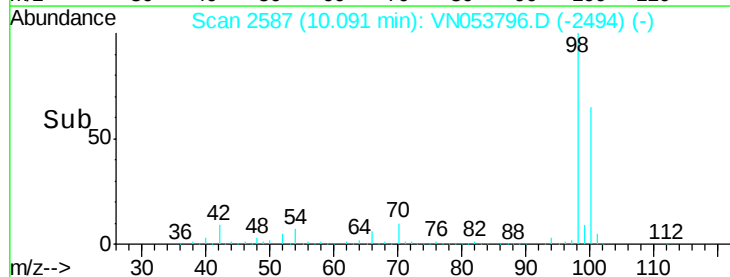
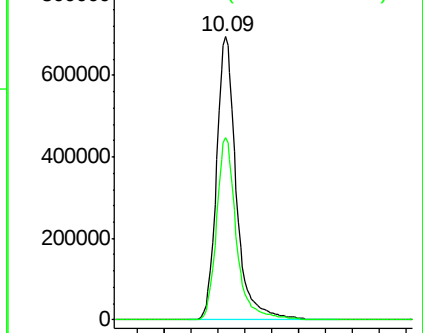
98 100

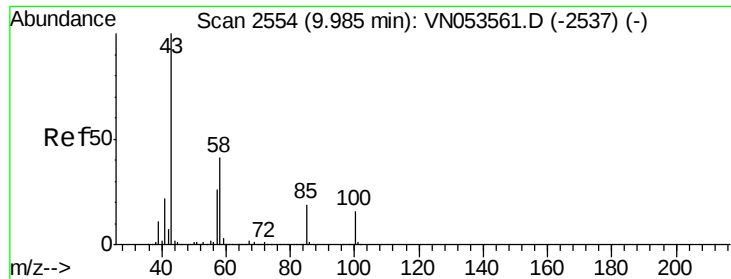
100 64.7 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 1.209 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN053796.D

Acq: 15 Feb 2019 13:30

Instrument :

MSVOA_N

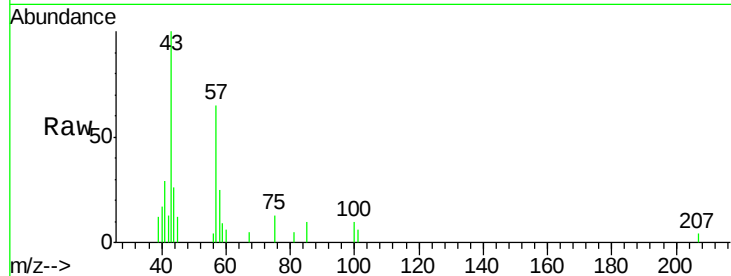
ClientSampled :

Tot Ion: 43 Resp: 6554

Ion Ratio Lower Upper

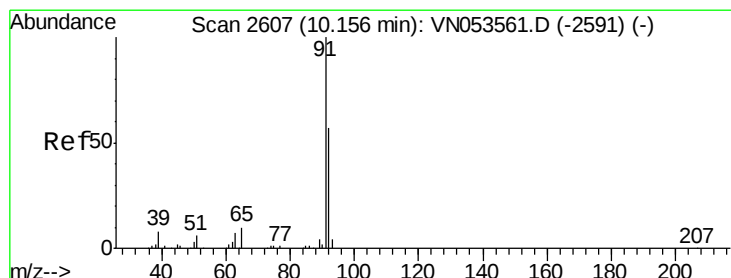
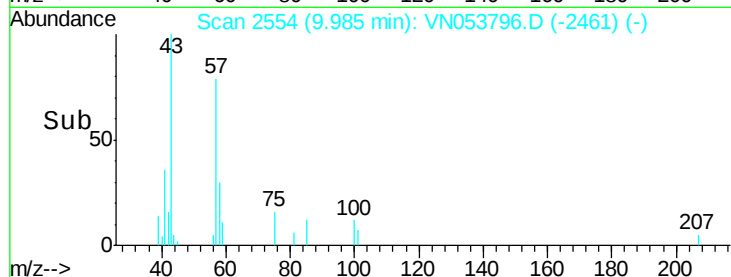
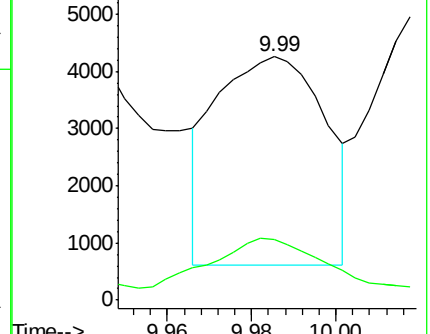
43 100

58 36.8 32.8 49.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 0.907 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN053796.D

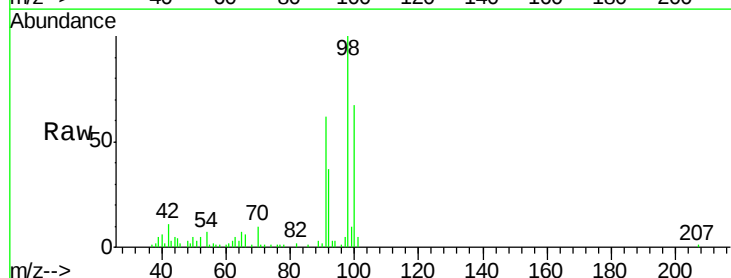
Acq: 15 Feb 2019 13:30

Tgt Ion: 92 Resp: 16976

Ion Ratio Lower Upper

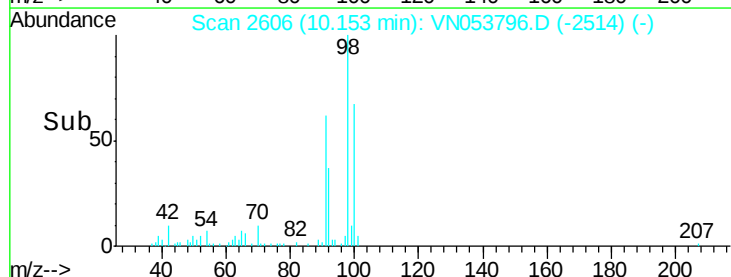
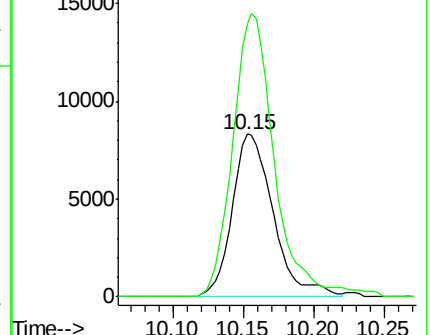
92 100

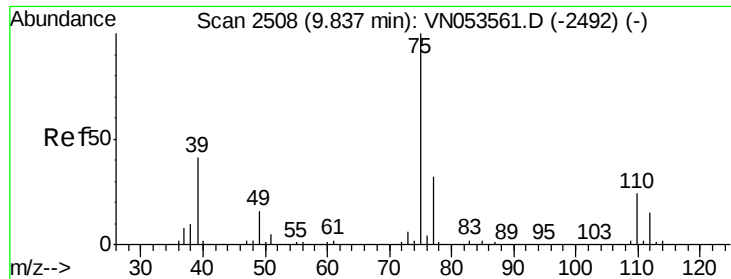
91 177.1 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



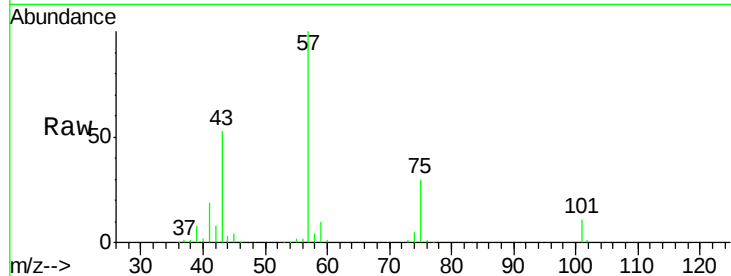


#54

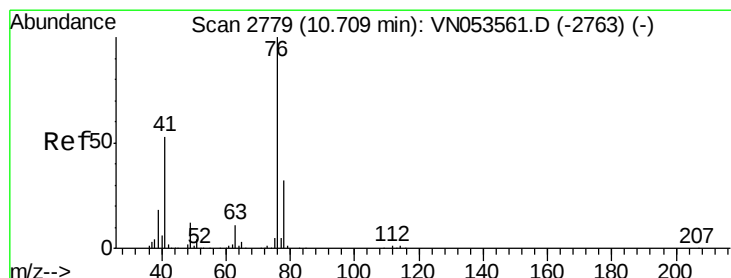
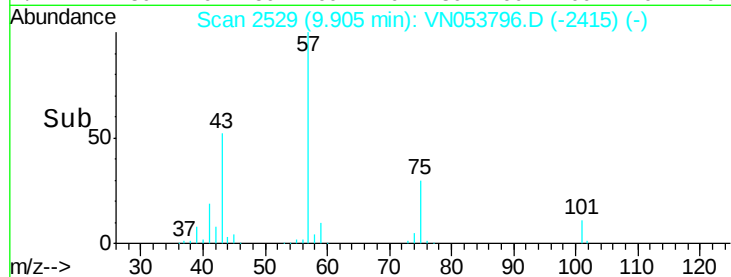
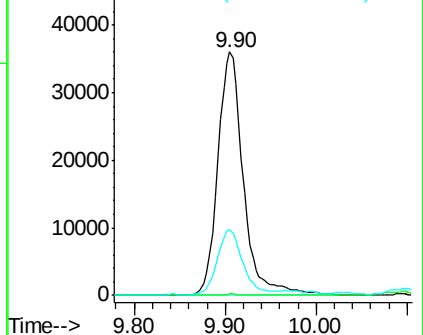
cis-1,3-Dichloropropene
 Concen: 5.854 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN053796.D
 Acq: 15 Feb 2019 13:30

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 75 Resp: 70238
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.8 38.6#
 39 27.1 33.4 50.0#



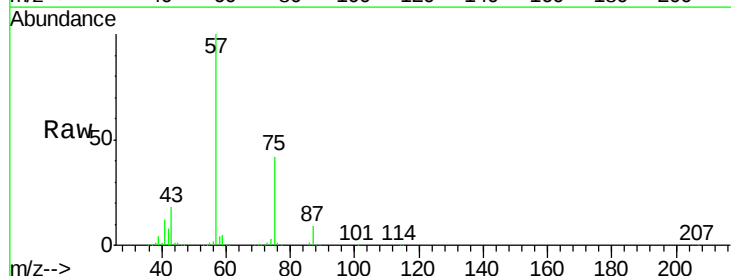
Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0
 Ion 39.00 (38.70 to 39.70): VN0



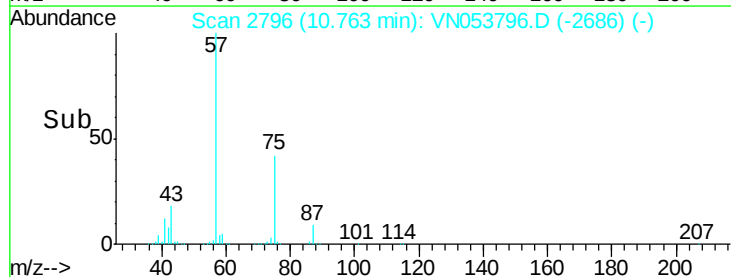
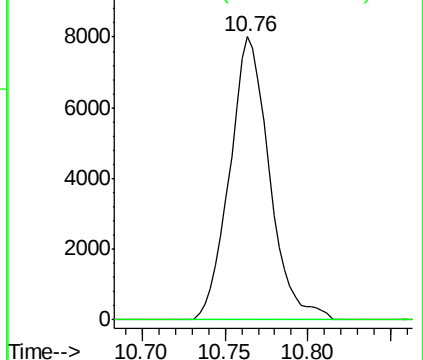
#57

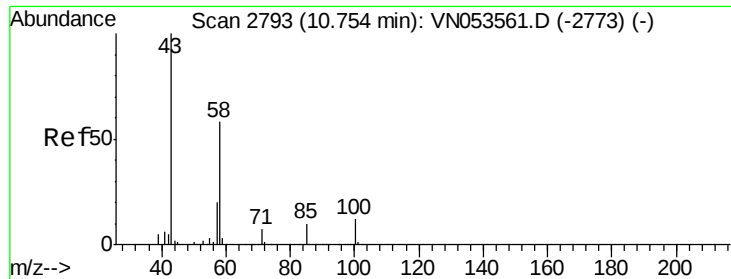
1,3-Dichloropropane
 Concen: 1.160 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.05 min
 Lab File: VN053796.D
 Acq: 15 Feb 2019 13:30

Tgt Ion: 76 Resp: 13370
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0
 Ion 77.90 (77.60 to 78.60): VN0

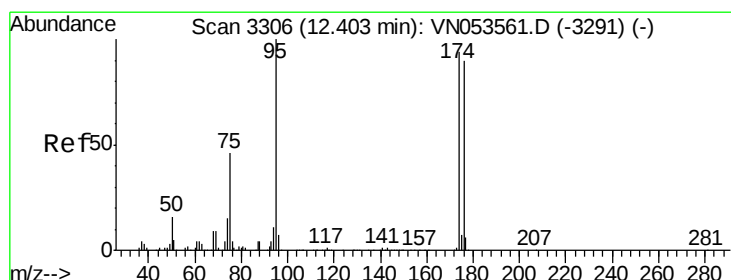
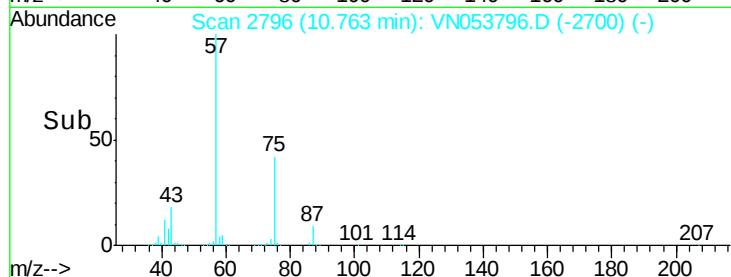
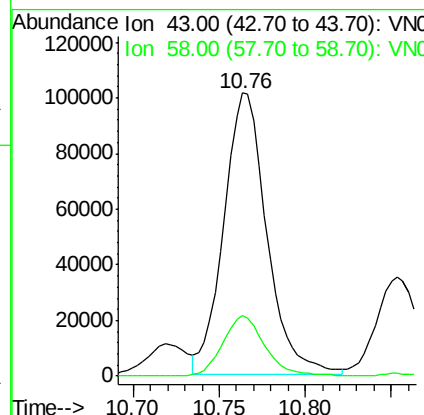
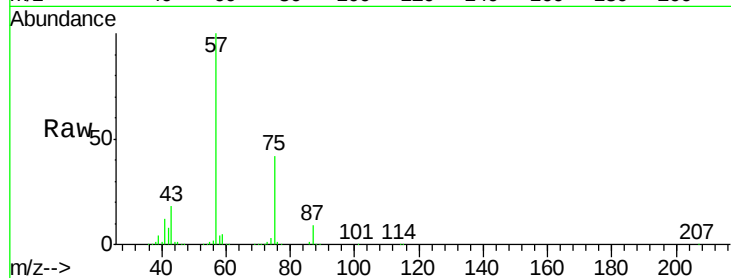




#59
2-Hexanone
Concen: 47.890 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053796.D
Acq: 15 Feb 2019 13:30

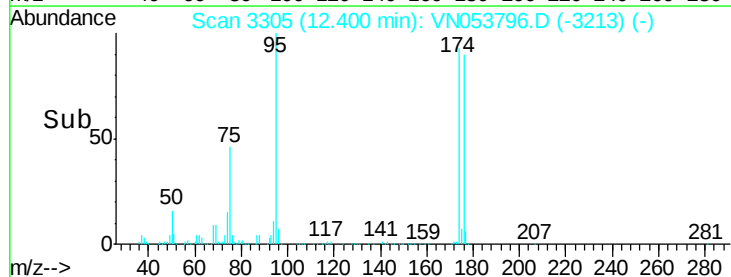
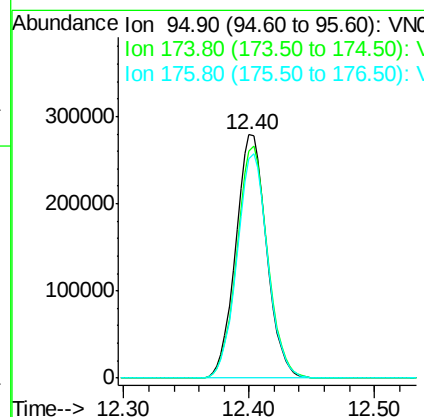
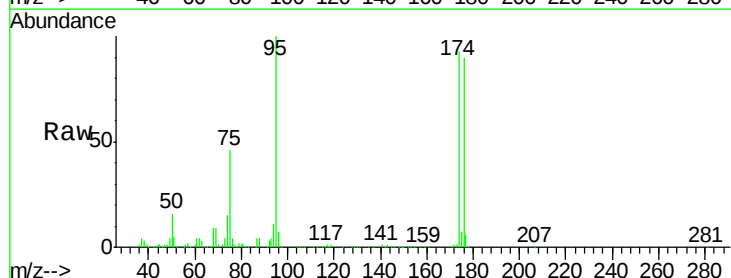
Instrument :
MSVOA_N
ClientSampled :

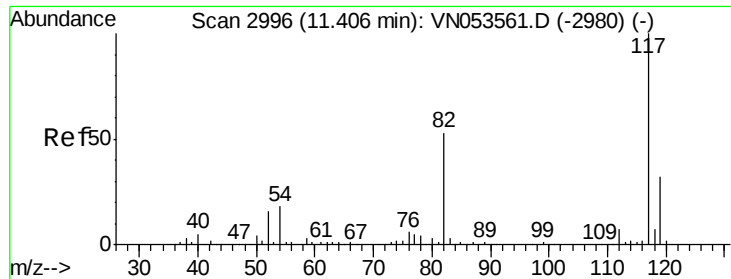
Tot Ion: 43 Resp: 176253
Ion Ratio Lower Upper
43 100
58 21.2 28.6 85.8#



#62
4-Bromofluorobenzene
Concen: 52.975 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053796.D
Acq: 15 Feb 2019 13:30

Tgt Ion: 95 Resp: 475647
Ion Ratio Lower Upper
95 100
174 95.1 0.0 183.2
176 91.7 0.0 177.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053796.D

Acq: 15 Feb 2019 13:30

Instrument :

MSVOA_N

ClientSampled :

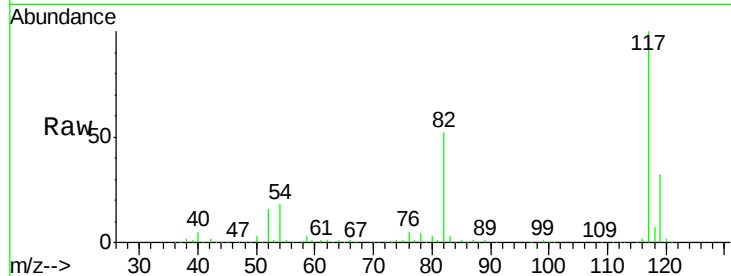
Tot Ion:117 Resp: 1122093

Ion Ratio Lower Upper

117 100

82 51.8 42.9 64.3

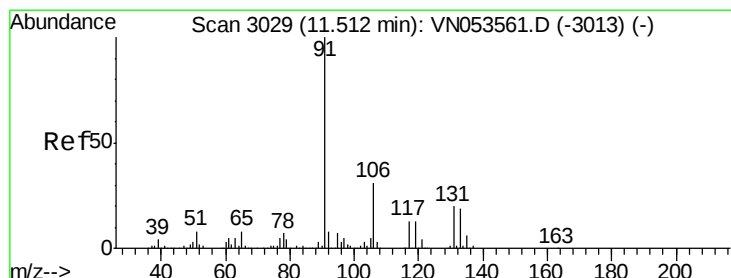
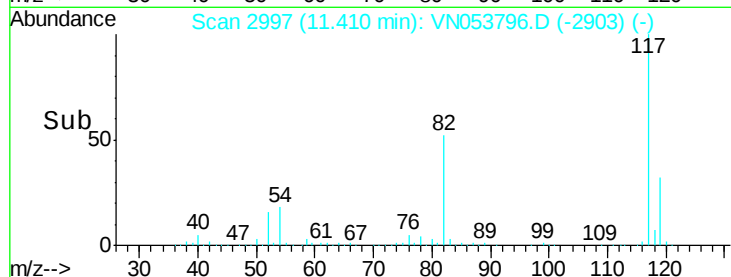
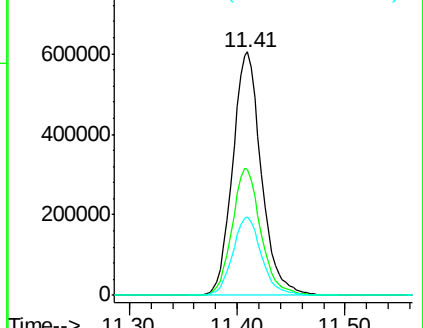
119 32.0 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VNO

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 1.990 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN053796.D

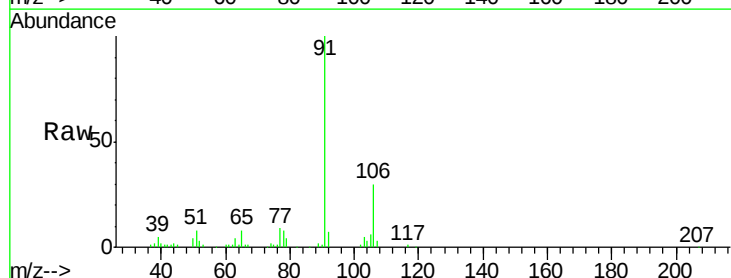
Acq: 15 Feb 2019 13:30

Tgt Ion: 91 Resp: 77898

Ion Ratio Lower Upper

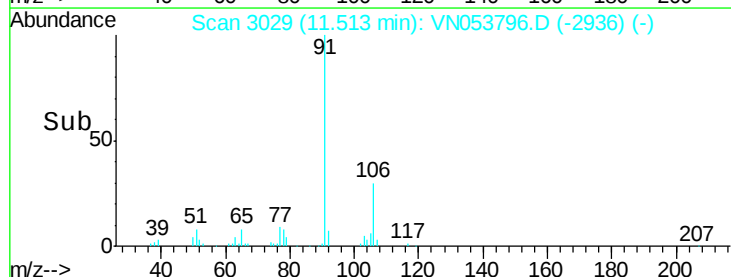
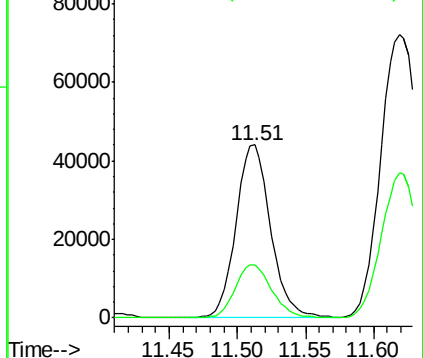
91 100

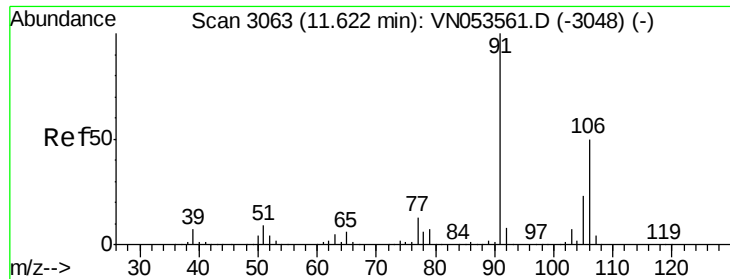
106 30.2 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VNO

Ion 106.00 (105.70 to 106.70): V

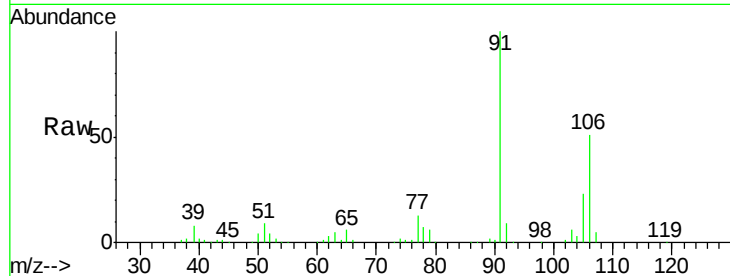




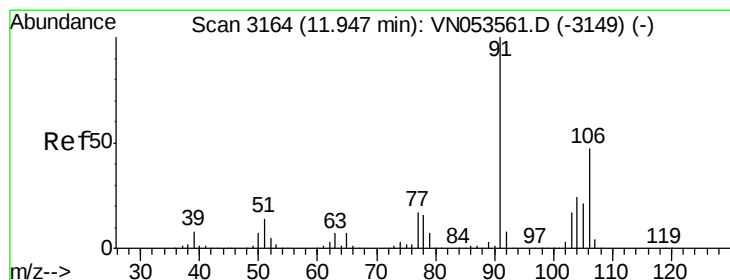
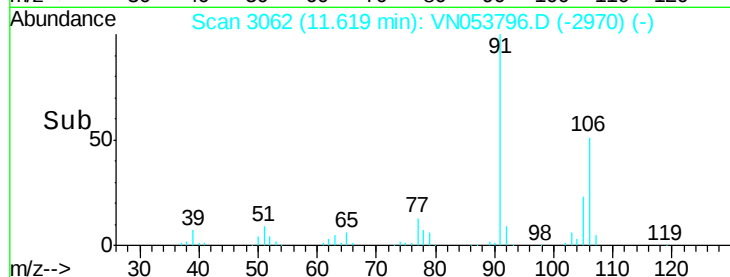
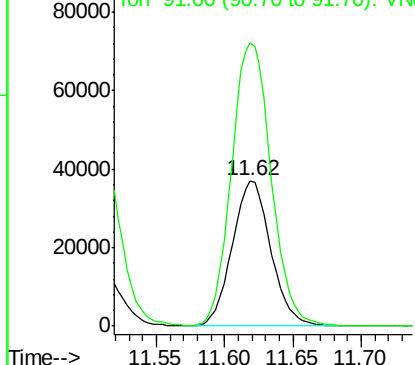
#68
m/p-Xylenes
Concen: 4.863 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053796.D
Acq: 15 Feb 2019 13:30

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:106 Resp: 72675
Ion Ratio Lower Upper
106 100
91 200.4 161.4 242.2

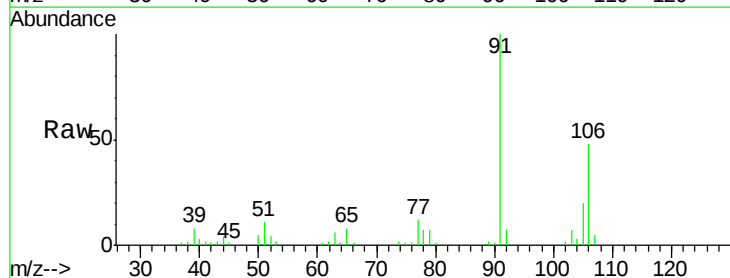


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

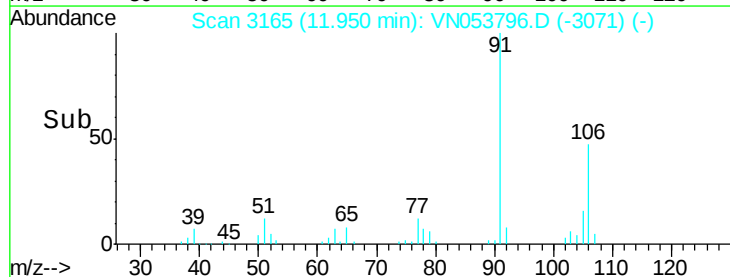
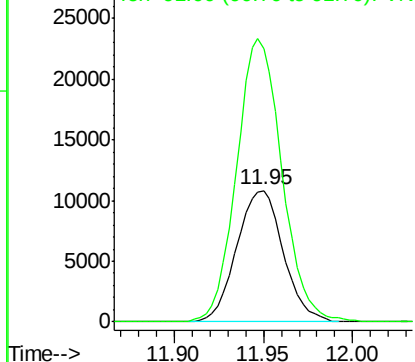


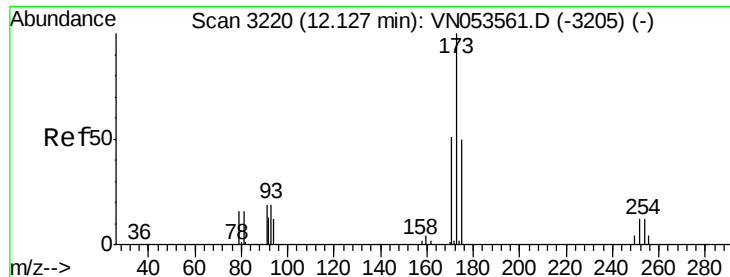
#69
o-Xylene
Concen: 1.361 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN053796.D
Acq: 15 Feb 2019 13:30

Tgt Ion:106 Resp: 19646
Ion Ratio Lower Upper
106 100
91 210.1 106.9 320.8



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





#71

Bromoform

Concen: 0.450 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN053796.D

Acq: 15 Feb 2019 13:30

Instrument :

MSVOA_N

ClientSampleId :

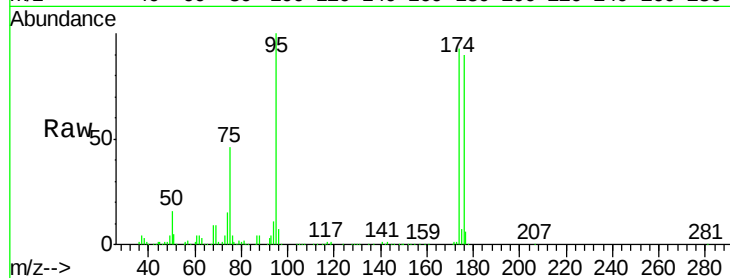
Tot Ion:173 Resp: 2568

Ion Ratio Lower Upper

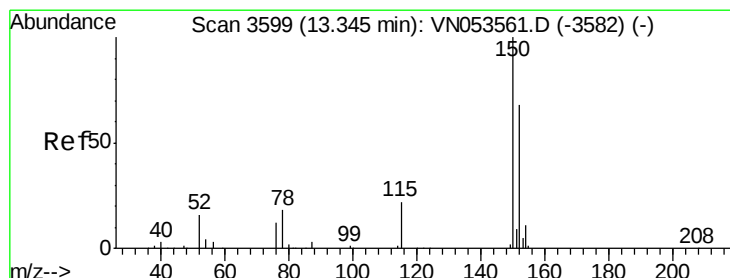
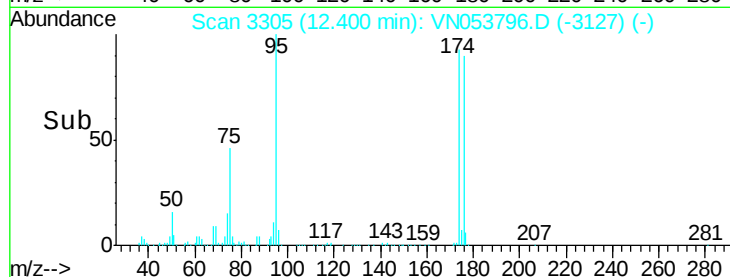
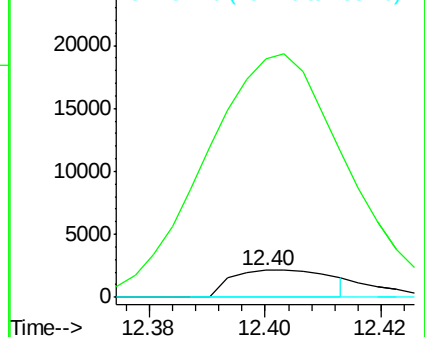
173 100

175 1107.7 24.6 74.0#

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053796.D

Acq: 15 Feb 2019 13:30

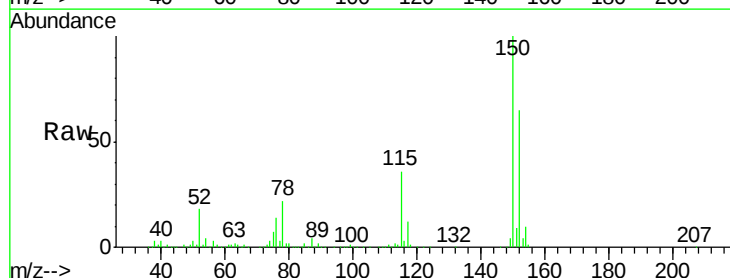
Tgt Ion:152 Resp: 421107

Ion Ratio Lower Upper

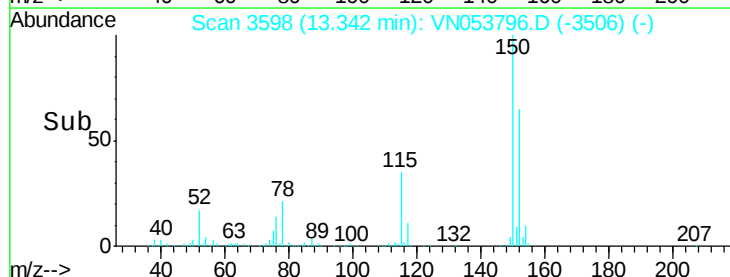
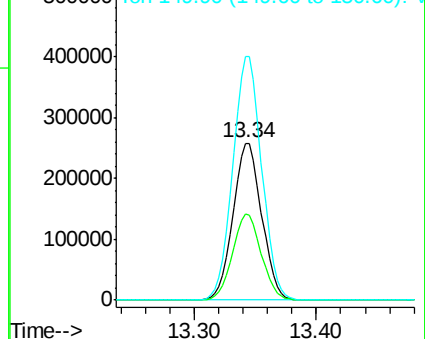
152 100

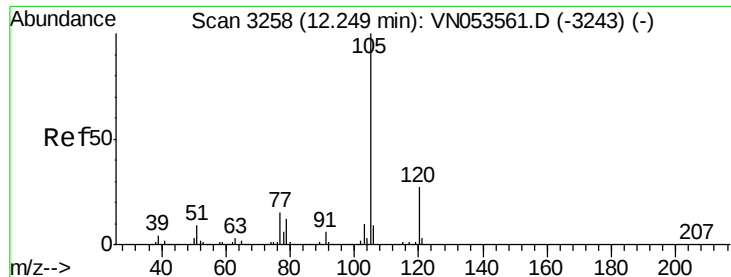
115 55.3 27.8 83.4

150 156.6 0.0 349.0



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





#73

Isopropylbenzene

Concen: 0.372 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053796.D

Acq: 15 Feb 2019 13:30

Instrument :

MSVOA_N

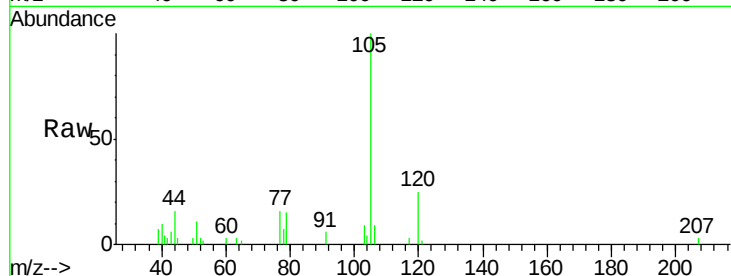
ClientSampleId :

Tot Ion:105 Resp: 11027

Ion Ratio Lower Upper

105 100

120 24.9 13.6 40.7

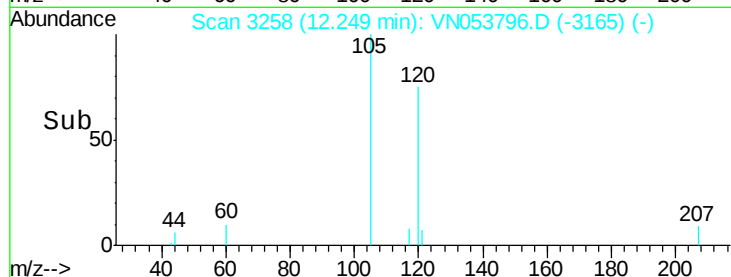


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

Time-->



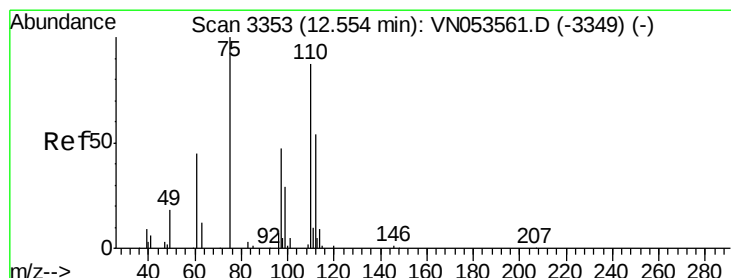
Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

Time-->



#76

1,2,3-Trichloropropane

Concen: 40.286 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053796.D

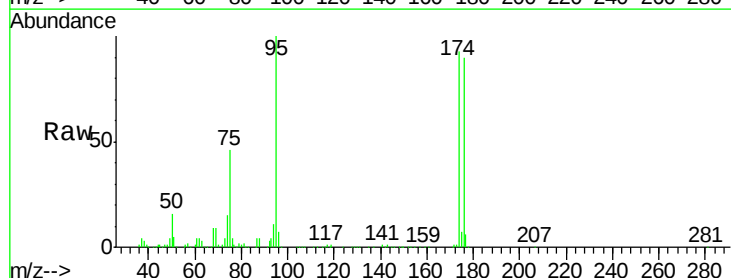
Acq: 15 Feb 2019 13:30

Tgt Ion: 75 Resp: 217900

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#

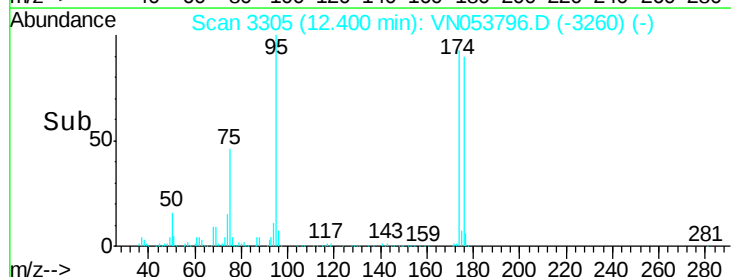


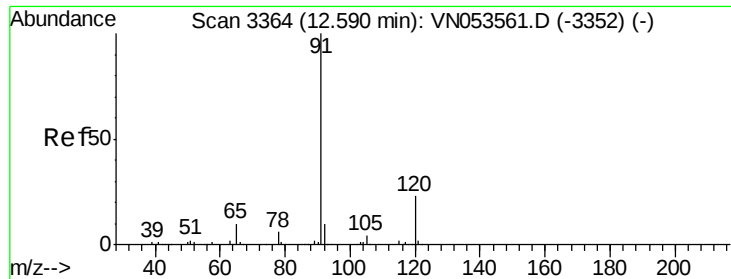
Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

12.40

Time-->





#78

n-propylbenzene

Concen: 1.114 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN053796.D

Acq: 15 Feb 2019 13:30

Instrument :

MSVOA_N

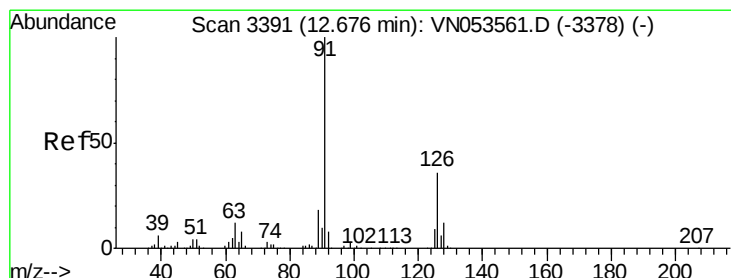
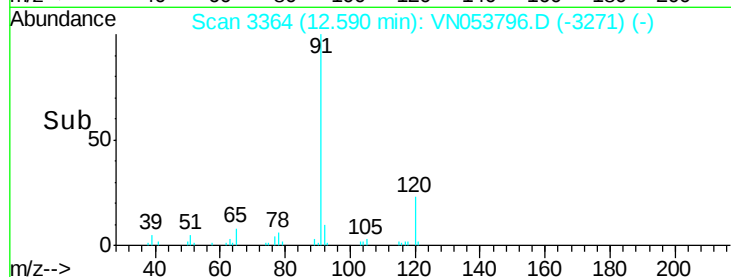
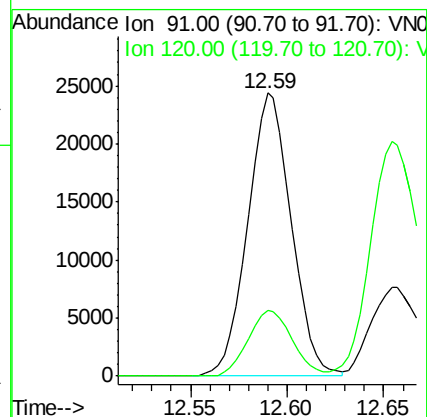
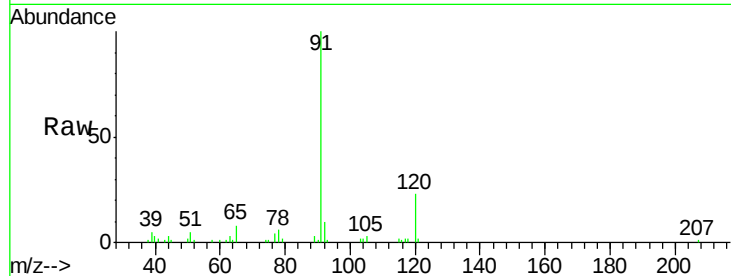
ClientSampled :

Tot Ion: 91 Resp: 38131

Ion Ratio Lower Upper

91 100

120 23.6 11.9 35.5



#79

2-Chlorotoluene

Concen: 0.636 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN053796.D

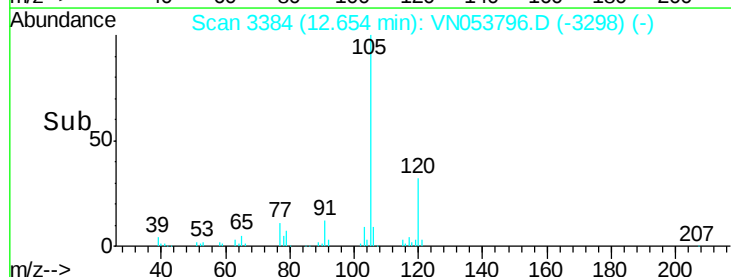
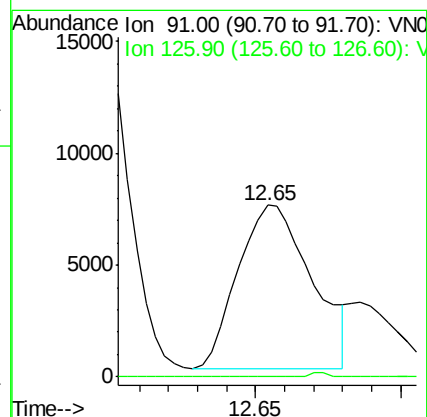
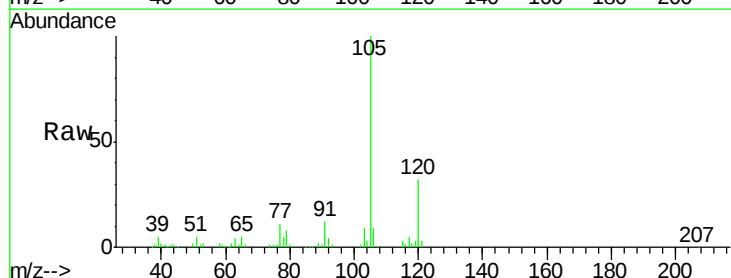
Acq: 15 Feb 2019 13:30

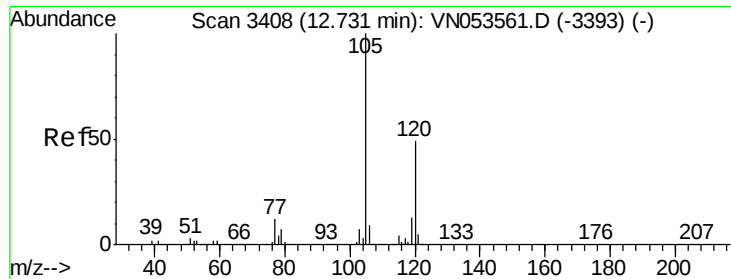
Tgt Ion: 91 Resp: 12906

Ion Ratio Lower Upper

91 100

126 0.6 17.9 53.7#





#80

1,3,5-Trimethylbenzene

Concen: 2.128 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053796.D

Acq: 15 Feb 2019 13:30

Instrument :

MSVOA_N

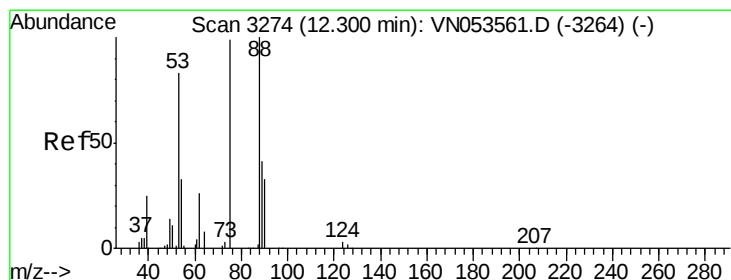
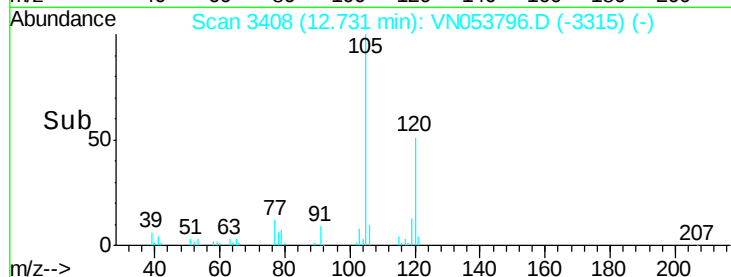
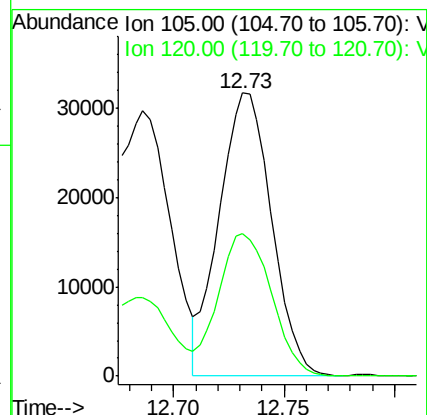
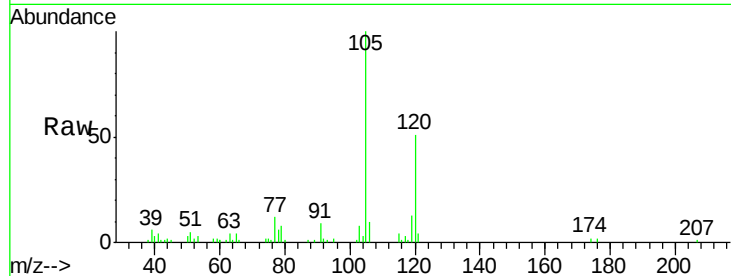
ClientSampled :

Tot Ion:105 Resp: 52247

Ion Ratio Lower Upper

105 100

120 51.3 24.9 74.6



#81

trans-1,4-Dichloro-2-butene

Concen: 113.280 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053796.D

Acq: 15 Feb 2019 13:30

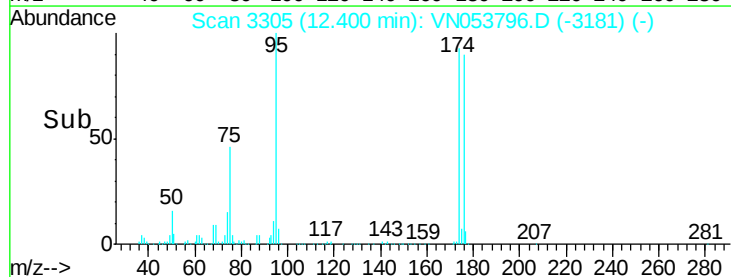
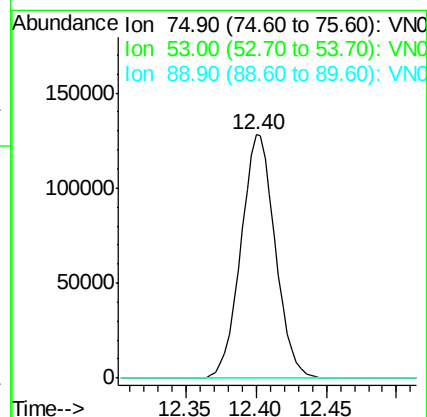
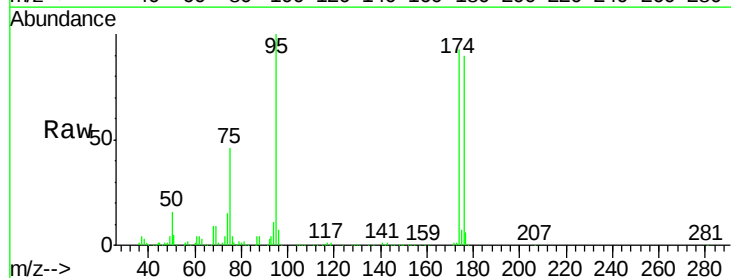
Tgt Ion: 75 Resp: 217900

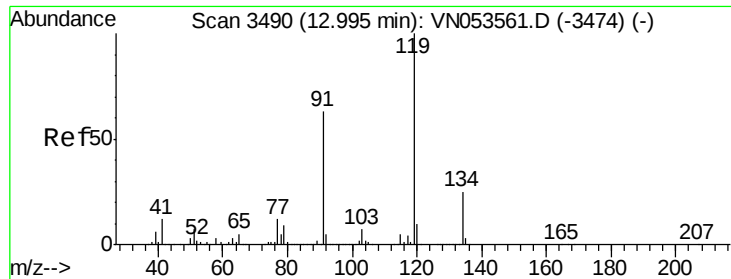
Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.6#

89 0.0 35.6 53.4#

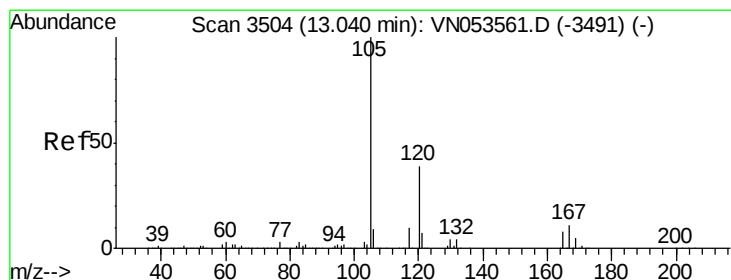
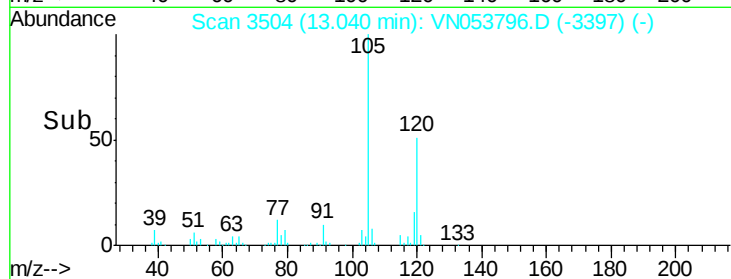
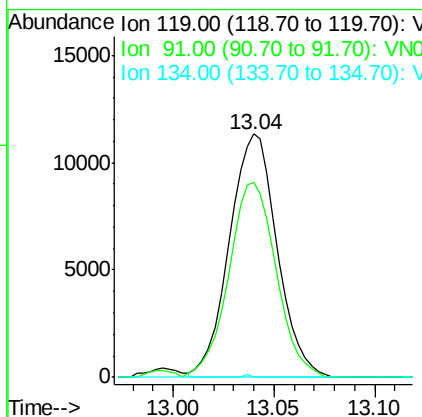
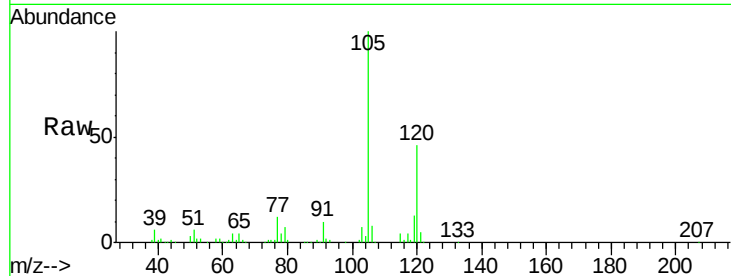




#83
 tert-Butylbenzene
 Concen: 0.866 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.05 min
 Lab File: VN053796.D
 Acq: 15 Feb 2019 13:30

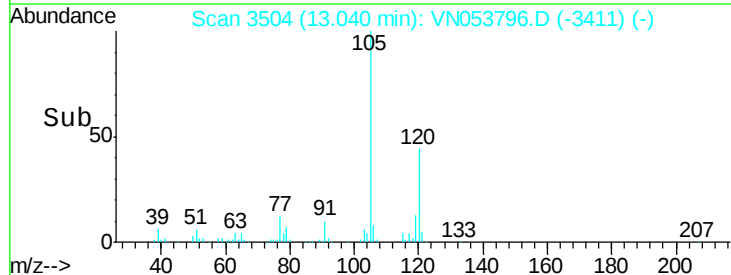
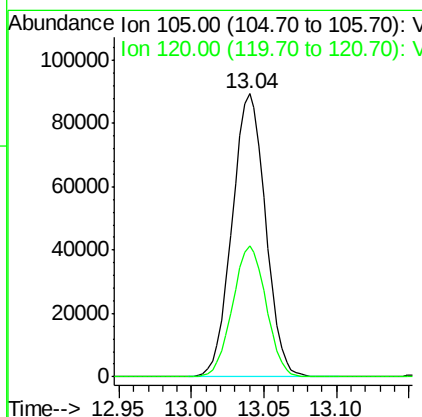
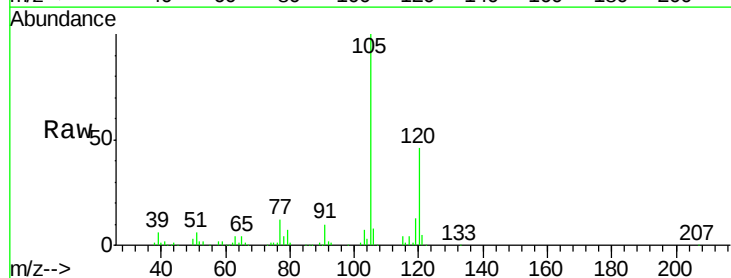
Instrument :
 MSVOA_N
 ClientSampled :

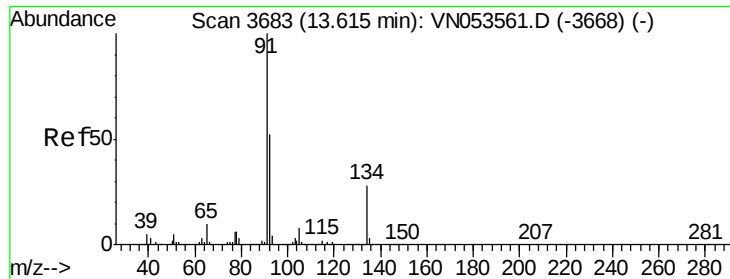
Tot Ion:119 Resp: 18795
 Ion Ratio Lower Upper
 119 100
 91 79.5 31.3 93.8
 134 0.0 12.9 38.7#



#84
 1,2,4-Trimethylbenzene
 Concen: 5.732 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053796.D
 Acq: 15 Feb 2019 13:30

Tgt Ion:105 Resp: 143349
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.0 69.0

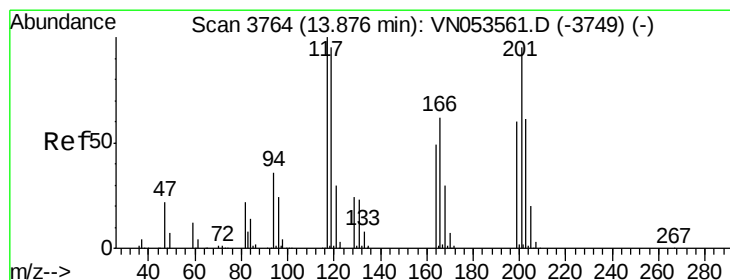
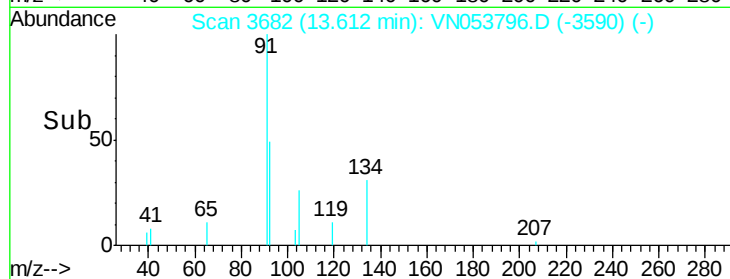
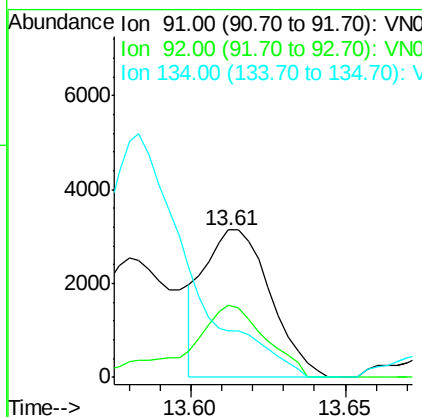
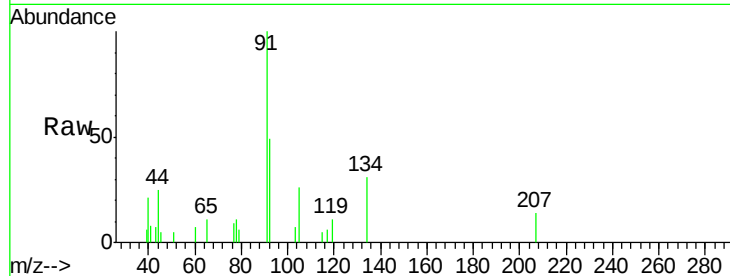




#89
n-Butylbenzene
Concen: 0.210 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN053796.D
Acq: 15 Feb 2019 13:30

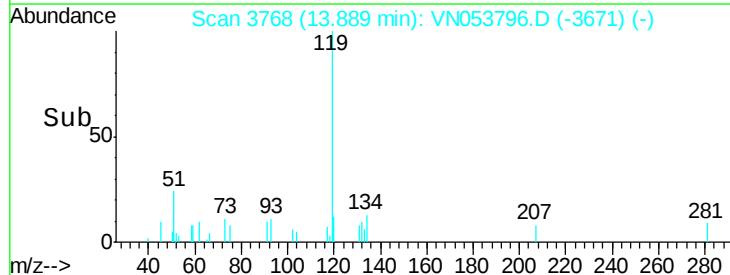
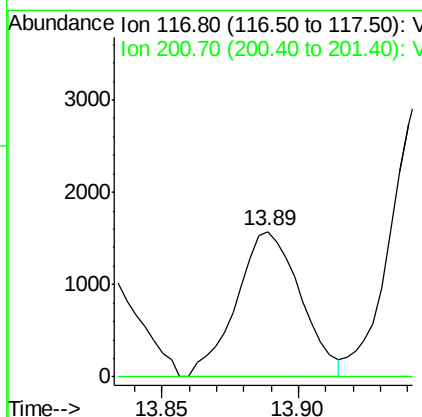
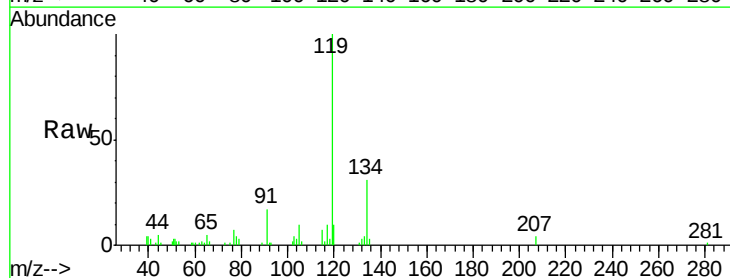
Instrument :
MSVOA_N
ClientSampleId :

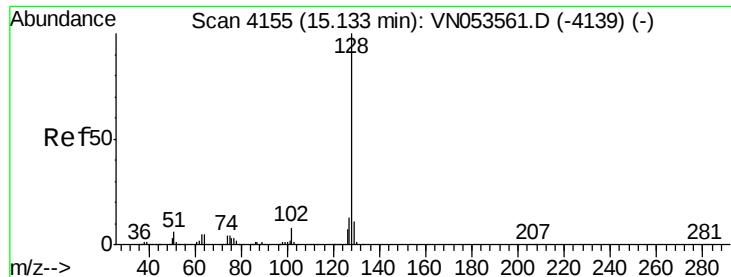
Tot Ion: 91 Resp: 4694
Ion Ratio Lower Upper
91 100
92 57.3 26.3 78.8
134 0.0 13.5 40.5#



#90
Hexachloroethane
Concen: 0.602 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.01 min
Lab File: VN053796.D
Acq: 15 Feb 2019 13:30

Tgt Ion: 117 Resp: 2562
Ion Ratio Lower Upper
117 100
201 0.0 46.8 140.4#





#95

Naphthalene

Concen: 2.524 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

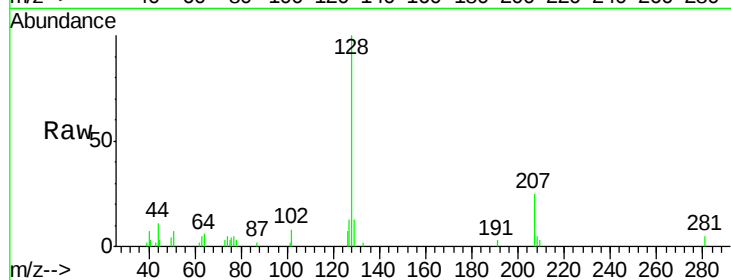
Lab File: VN053796.D

Acq: 15 Feb 2019 13:30

Instrument :

MSVOA_N

ClientSampleId :



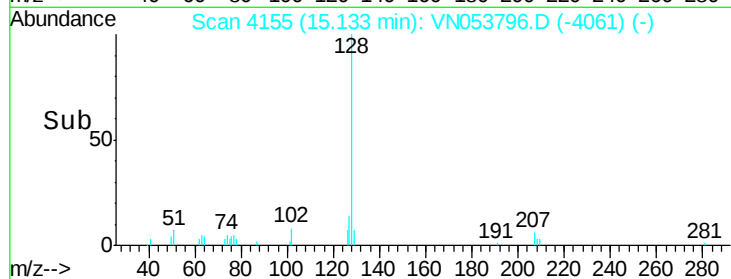
Tot Ion:128 Resp: 15086

Ion Ratio Lower Upper

128 100

127 12.0 10.3 15.5

129 10.9 8.6 13.0



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

