

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012819\
 Data File : VN053545.D
 Acq On : 28 Jan 2019 15:01
 Operator : JC/SP
 Sample : PB116640ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116640ZHE#01

Quant Time: Jan 29 06:17:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	926773	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1451454	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1281254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	499933	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	470232	51.33	ug/l	0.00
Spiked Amount			Recovery	=	102.66%	
35) Dibromofluoromethane	7.59	113	453582	54.76	ug/l	0.00
Spiked Amount			Recovery	=	109.52%	
50) Toluene-d8	10.09	98	1753810	50.06	ug/l	0.00
Spiked Amount			Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.40	95	555046	45.18	ug/l	0.00
Spiked Amount			Recovery	=	90.36%	

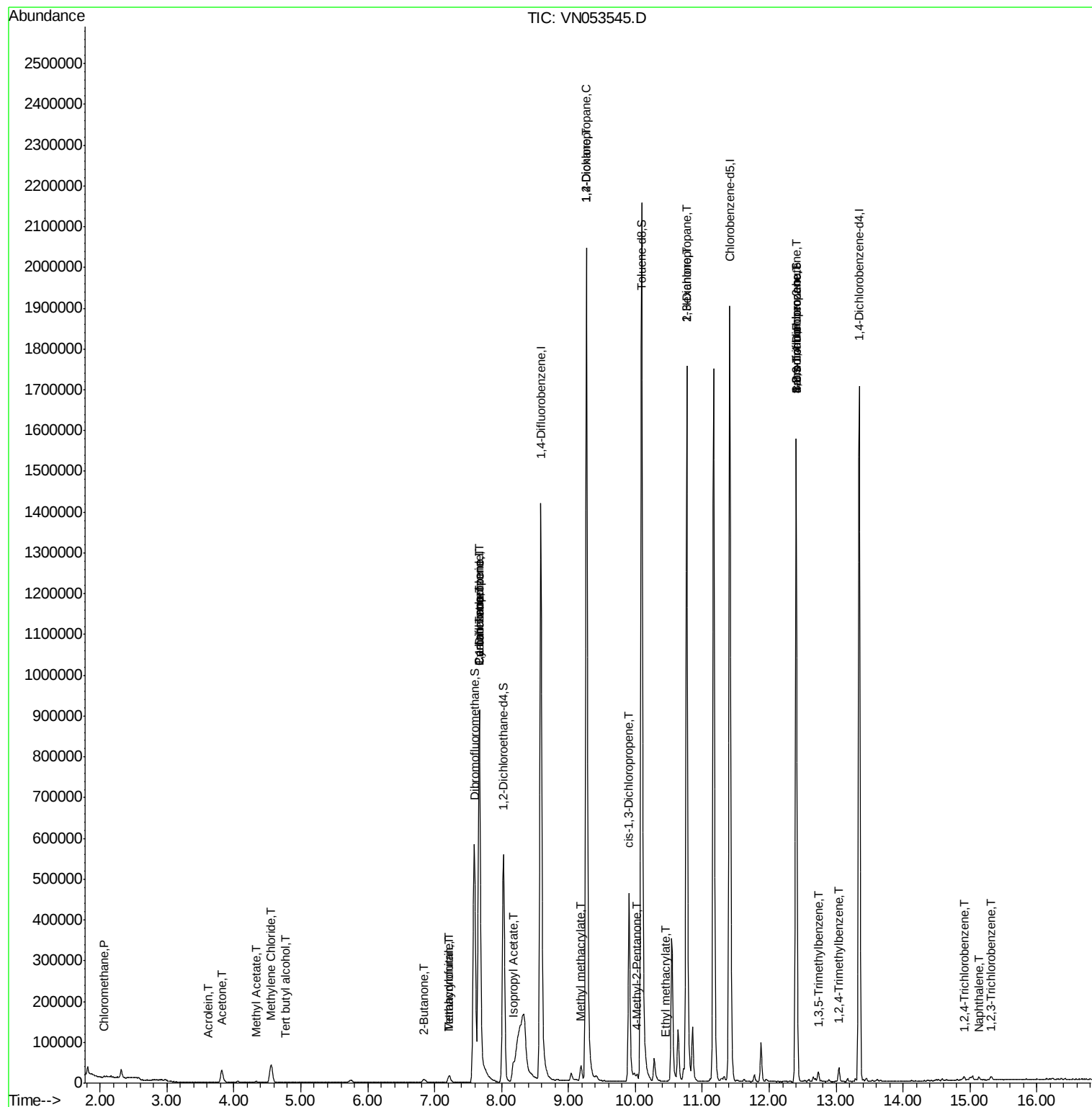
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2438	0.229	ug/l #	80
11) Tert butyl alcohol	4.78	59	512	1.142	ug/l #	72
13) Acrolein	3.60	56	64	22.804	ug/l #	1
16) Acetone	3.82	43	51543	23.983	ug/l	97
18) Methyl Acetate	4.33	43	4754	0.657	ug/l #	88
20) Methylene Chloride	4.56	84	33832	3.448	ug/l	99
25) 2-Butanone	6.84	43	14838	4.480	ug/l	97
29) Tetrahydrofuran	7.21	42	6924	3.211	ug/l #	26
31) Cyclohexane	7.67	56	13638	0.626	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	56689	4.289	ug/l #	48
38) Carbon Tetrachloride	7.67	117	74018	5.915	ug/l #	16
41) Methacrylonitrile	7.21	41	8167	2.451	ug/l #	41
43) Isopropyl Acetate	8.17	43	53512	3.913	ug/l #	79
45) 1,2-Dichloropropane	9.27	63	2934	0.276	ug/l #	43
48) Methyl methacrylate	9.18	41	12627	1.788	ug/l #	12
49) 1,4-Dioxane	9.27	88	210	3.045	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	12600	1.688	ug/l #	34
54) cis-1,3-Dichloropropene	9.90	75	98313	6.436	ug/l #	60
56) Ethyl methacrylate	10.44	69	110	2.066	ug/l #	28
57) 1,3-Dichloropropane	10.76	76	20485	1.377	ug/l #	43
59) 2-Hexanone	10.77	43	272164	51.937	ug/l #	49
71) Bromoform	12.40	173	3898	0.600	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	257198	39.039	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	14007	0.470	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.40	75	257198	96.327	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	21473	0.715	ug/l	99
93) 1,2,4-Trichlorobenzene	14.91	180	3153	3.199	ug/l	100
95) Naphthalene	15.14	128	7195	4.487	ug/l	97
96) 1,2,3-Trichlorobenzene	15.32	180	3398	4.526	ug/l	95

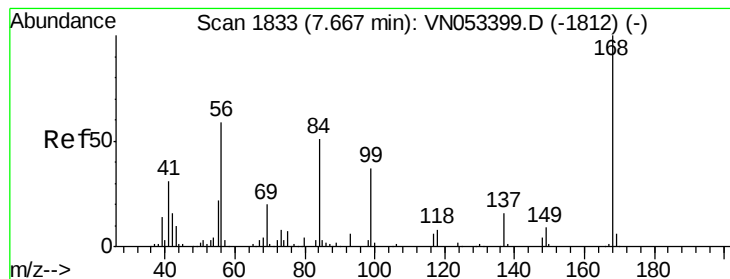
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012819\
Data File : VN053545.D
Acq On : 28 Jan 2019 15:01
Operator : JC/SP
Sample : PB116640ZHE#01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
PB116640ZHE#01

Quant Time: Jan 29 06:17:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053545.D

Acq: 28 Jan 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

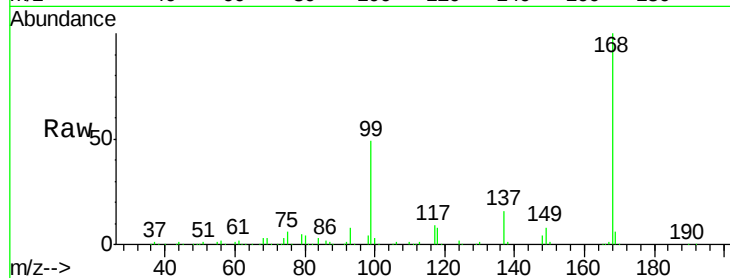
PB116640ZHE#01

Tot Ion:168 Resp: 926773

Ion Ratio Lower Upper

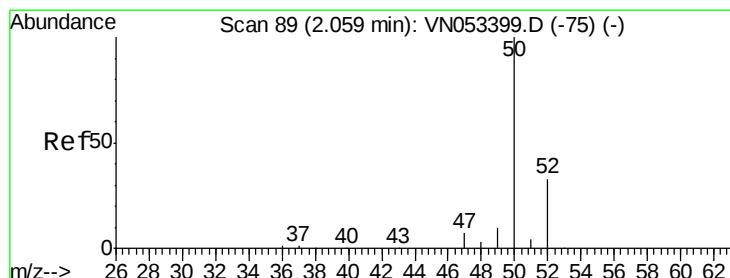
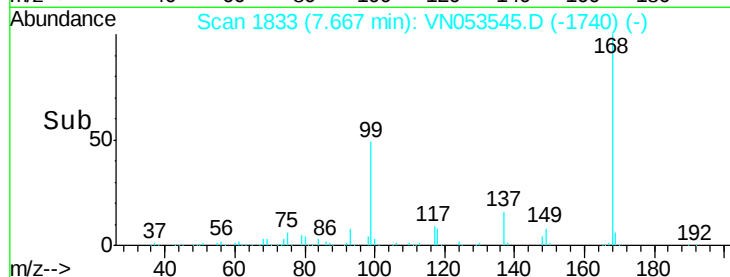
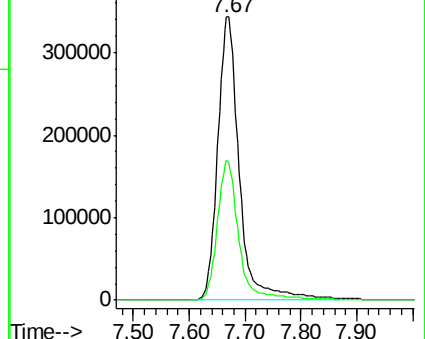
168 100

99 49.3 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.229 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN053545.D

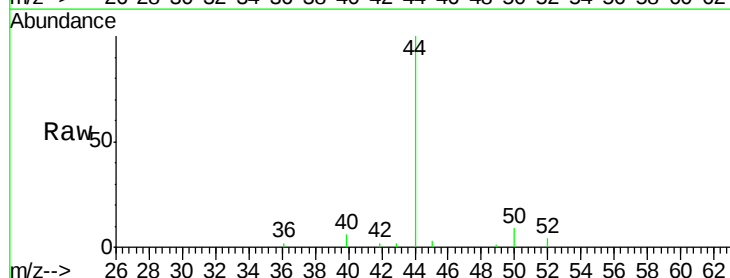
Acq: 28 Jan 2019 15:01

Tgt Ion: 50 Resp: 2438

Ion Ratio Lower Upper

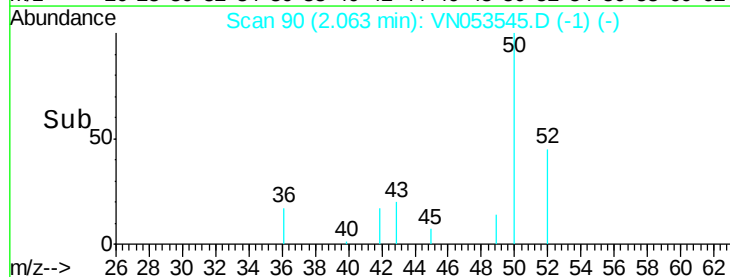
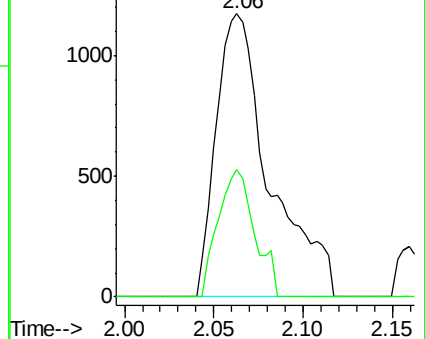
50 100

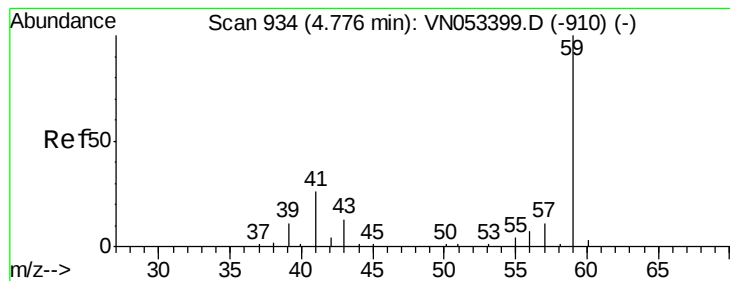
52 44.8 26.6 40.0#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



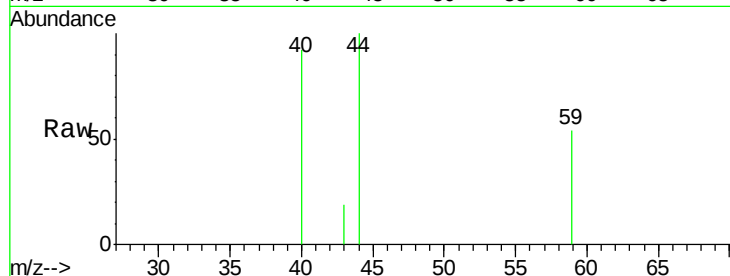


#11

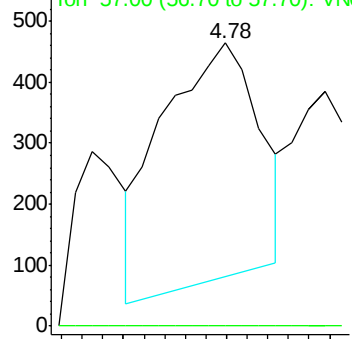
Tert butyl alcohol
 Concen: 1.142 ug/l
 RT: 4.78 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VN053545.D
 Acq: 28 Jan 2019 15:01

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116640ZHE#01

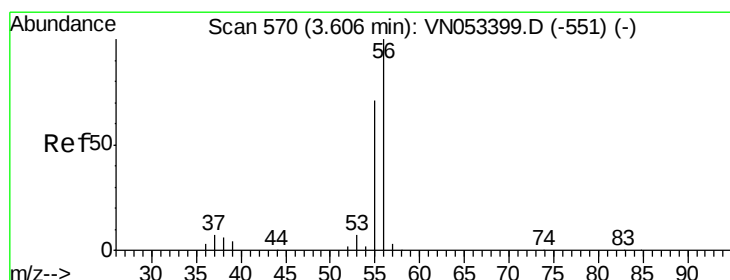
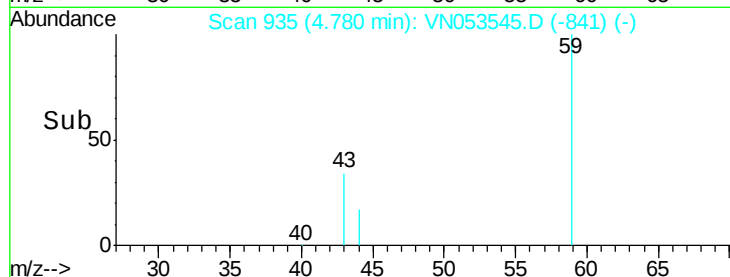
Tot Ion: 59 Resp: 512
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.4#



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



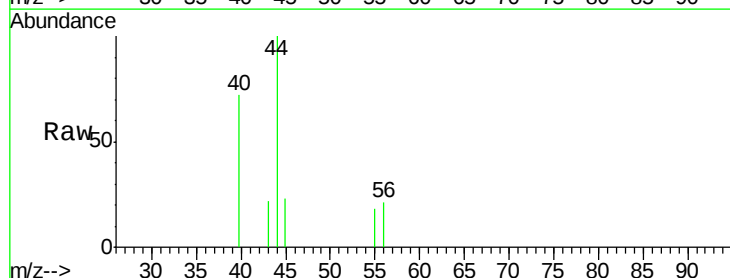
Time-->



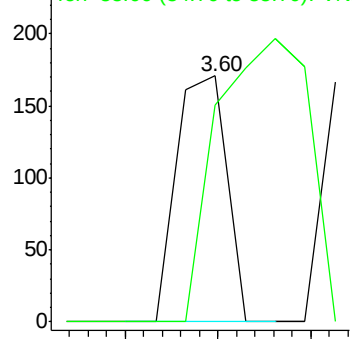
#13

Acrolein
 Concen: 22.804 ug/l
 RT: 3.60 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: VN053545.D
 Acq: 28 Jan 2019 15:01

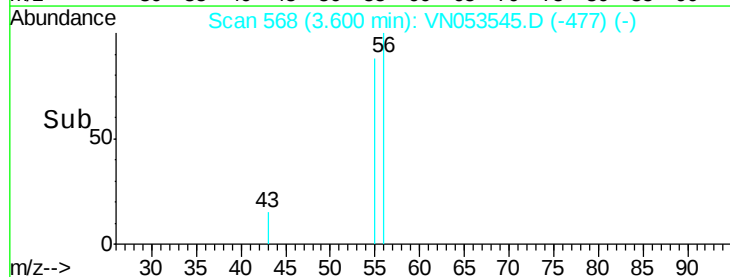
Tgt Ion: 56 Resp: 64
 Ion Ratio Lower Upper
 56 100
 55 210.9 57.4 86.0#

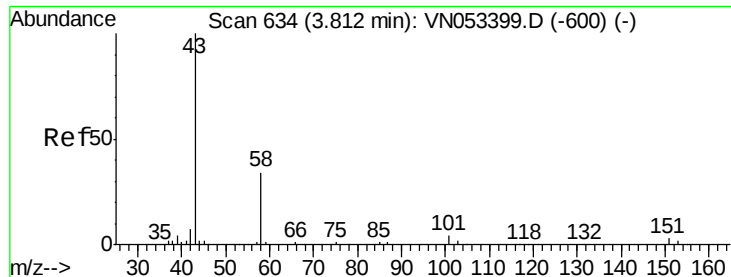


Abundance Ion 56.00 (55.70 to 56.70): VN0
 Ion 55.00 (54.70 to 55.70): VN0



Time-->





#16

Acetone

Concen: 23.983 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053545.D

Acq: 28 Jan 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

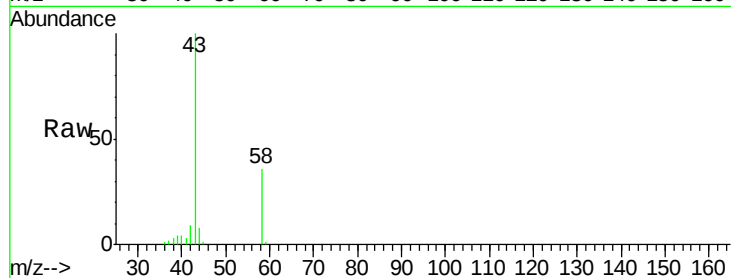
PB116640ZHE#01

Tot Ion: 43 Resp: 51543

Ion Ratio Lower Upper

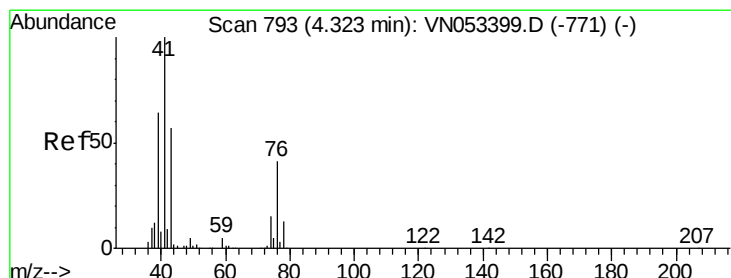
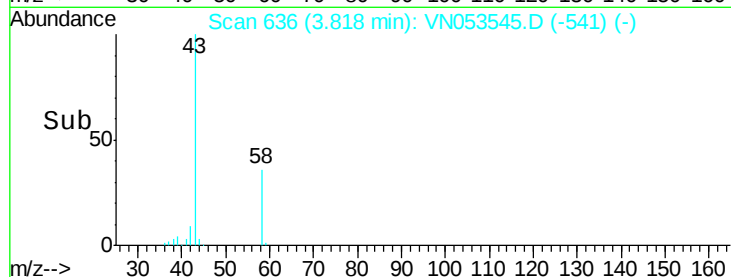
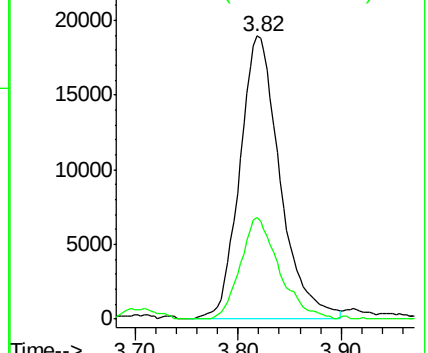
43 100

58 35.9 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO



#18

Methyl Acetate

Concen: 0.657 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN053545.D

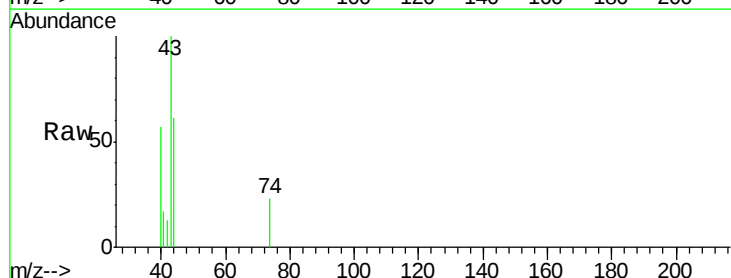
Acq: 28 Jan 2019 15:01

Tgt Ion: 43 Resp: 4754

Ion Ratio Lower Upper

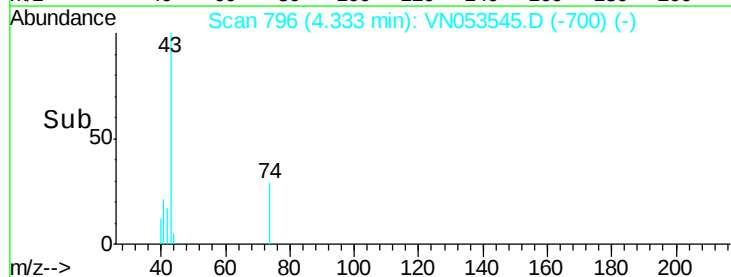
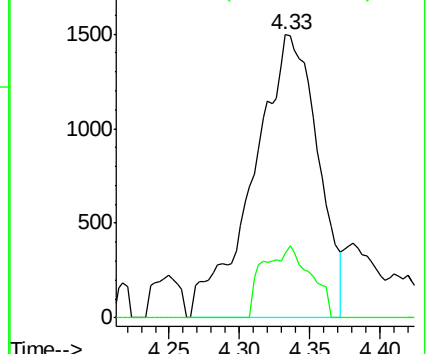
43 100

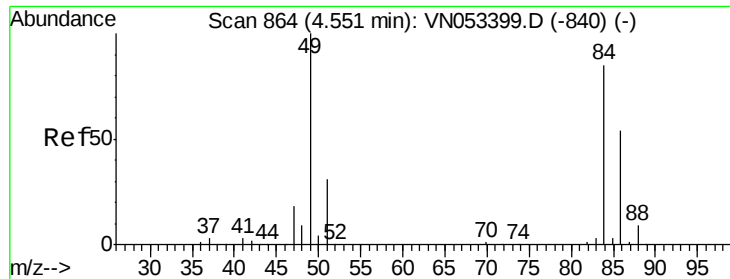
74 18.6 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

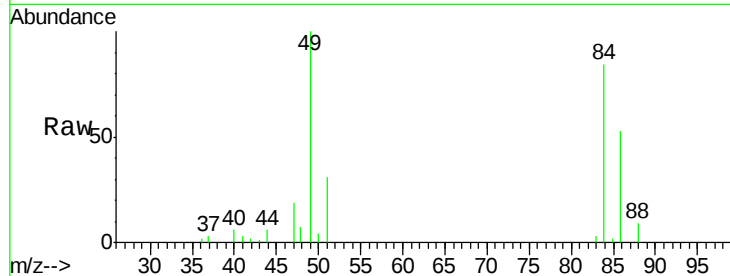




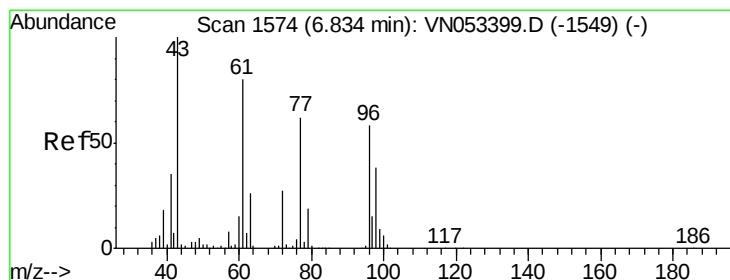
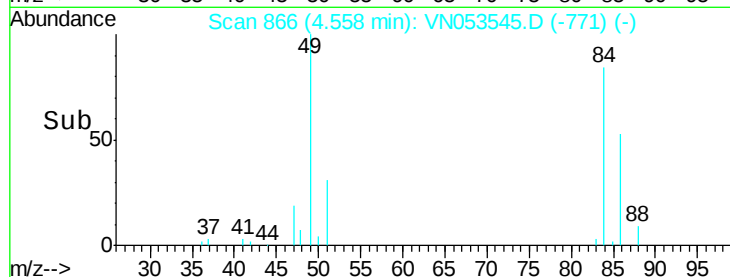
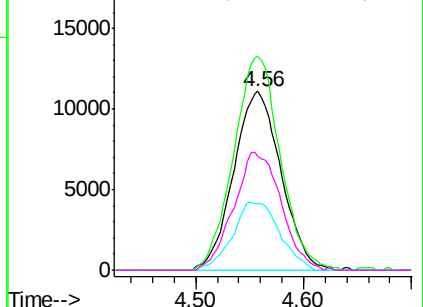
#20
Methvlene Chloride
Concen: 3.448 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053545.D
Acq: 28 Jan 2019 15:01

Instrument :
MSVOA_N
ClientSampleId :
PB116640ZHE#01

Tot Ion: 84 Resp: 33832
Ion Ratio Lower Upper
84 100
49 119.5 94.3 141.5
51 37.1 29.4 44.2
86 63.5 51.4 77.0

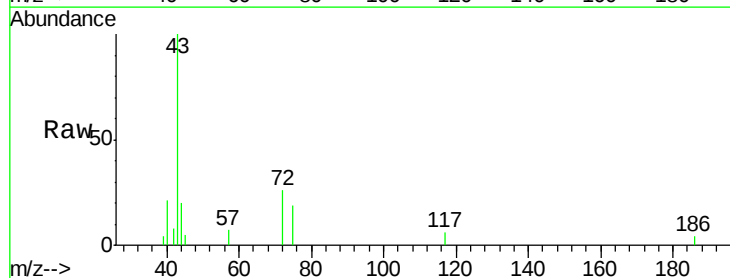


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

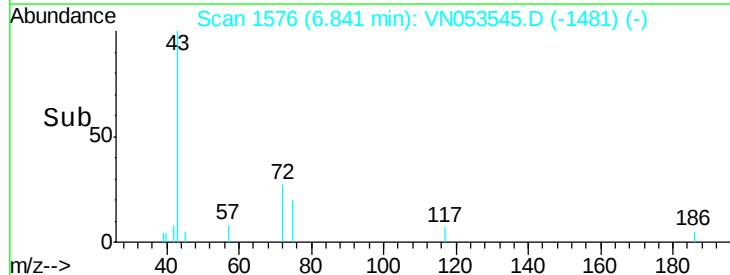
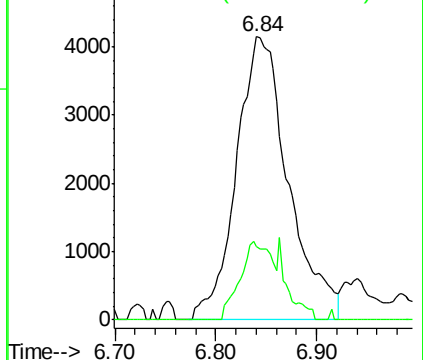


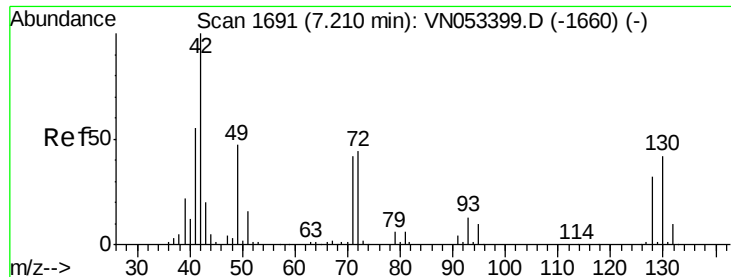
#25
2-Butanone
Concen: 4.480 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN053545.D
Acq: 28 Jan 2019 15:01

Tgt Ion: 43 Resp: 14838
Ion Ratio Lower Upper
43 100
72 26.0 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VNC
Ion 72.00 (71.70 to 72.70): VNC

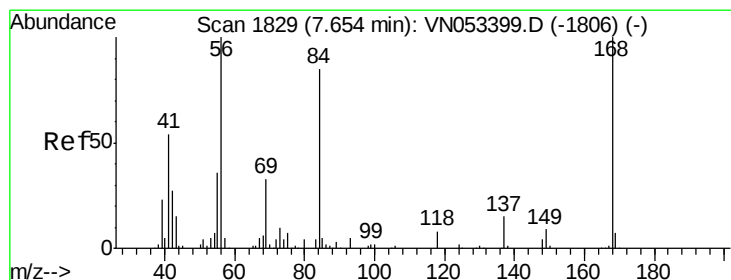
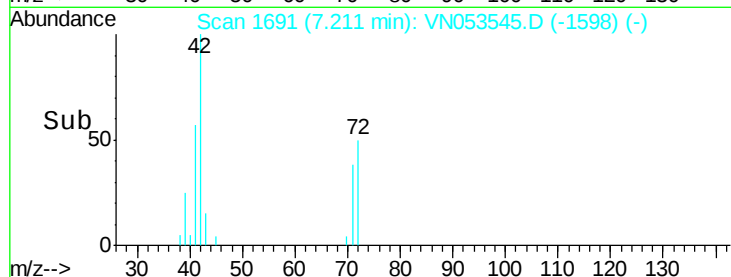
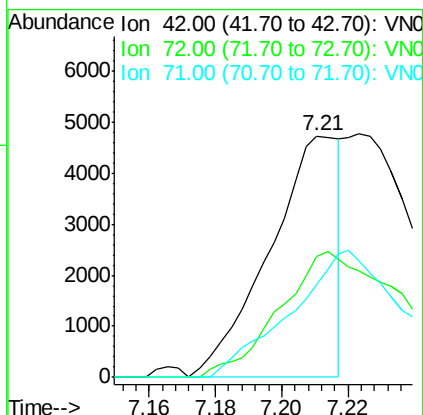
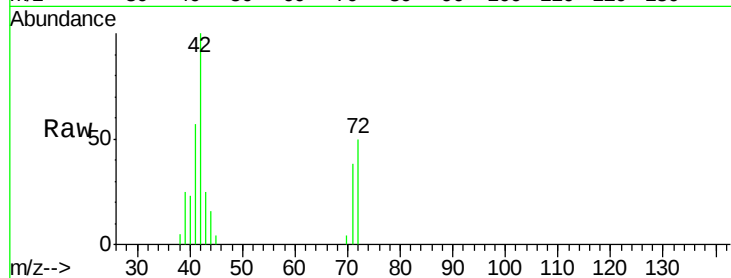




#29
Tetrahydrofuran
Concen: 3.211 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN053545.D
Acq: 28 Jan 2019 15:01

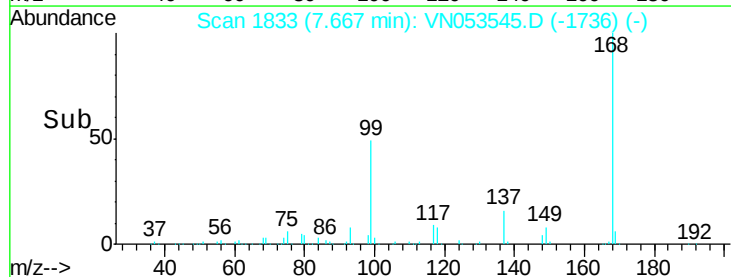
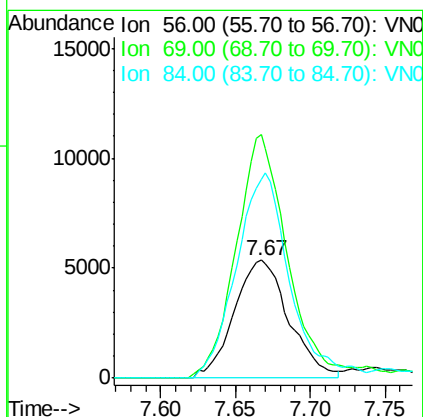
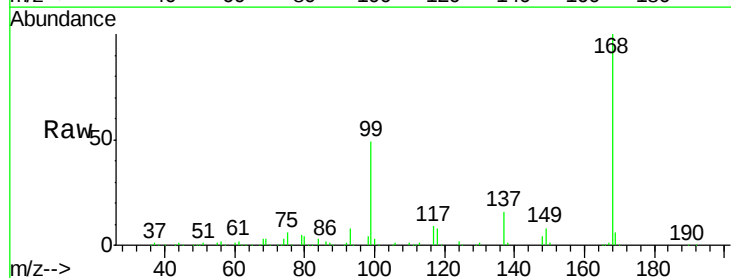
Instrument :
MSVOA_N
ClientSampleId :
PB116640ZHE#01

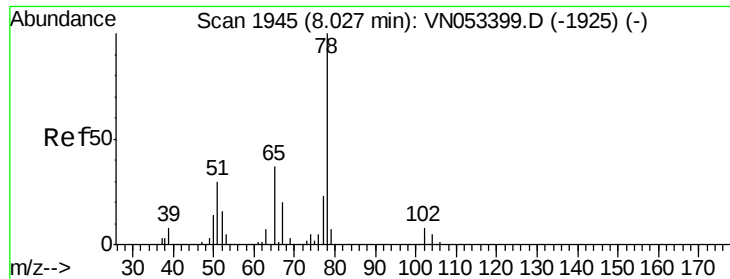
Tot Ion: 42 Resp: 6924
Ion Ratio Lower Upper
42 100
72 92.5 35.2 52.8#
71 87.4 33.0 49.4#



#31
Cyclohexane
Concen: 0.626 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN053545.D
Acq: 28 Jan 2019 15:01

Tgt Ion: 56 Resp: 13638
Ion Ratio Lower Upper
56 100
69 206.1 26.4 39.6#
84 168.3 67.9 101.9#

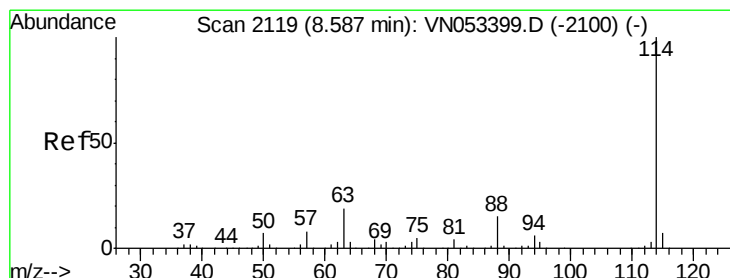
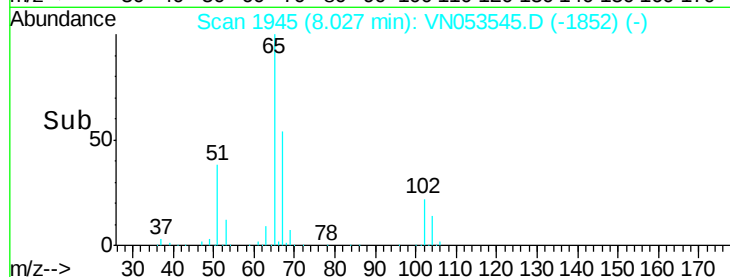
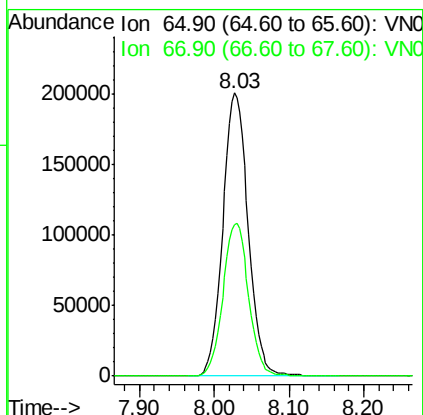
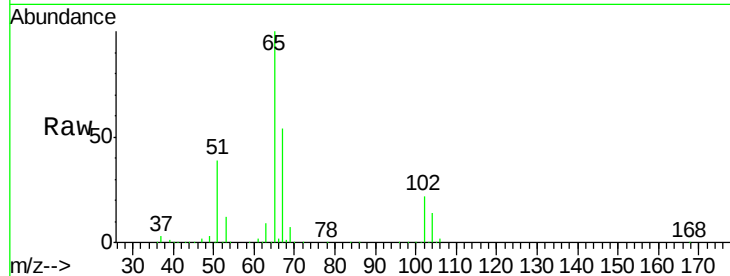




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053545.D
 Acq: 28 Jan 2019 15:01

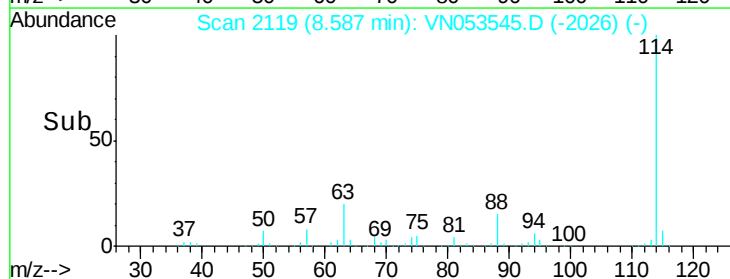
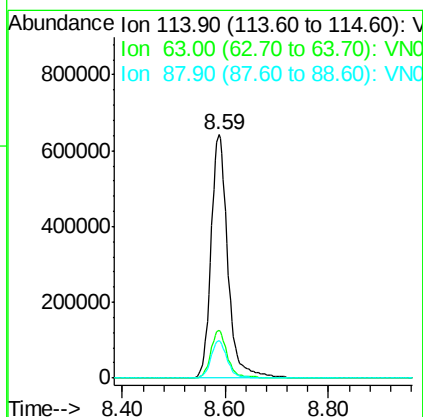
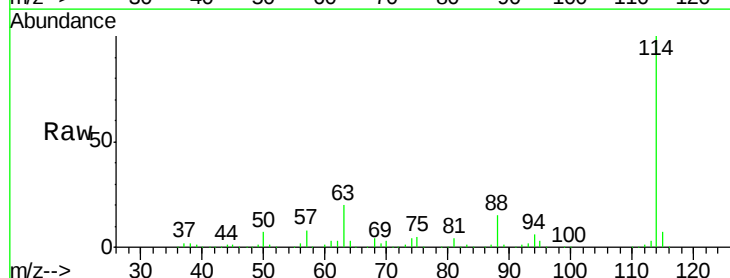
Instrument :
 MSVOA_N
 ClientSampleId :
 PB116640ZHE#01

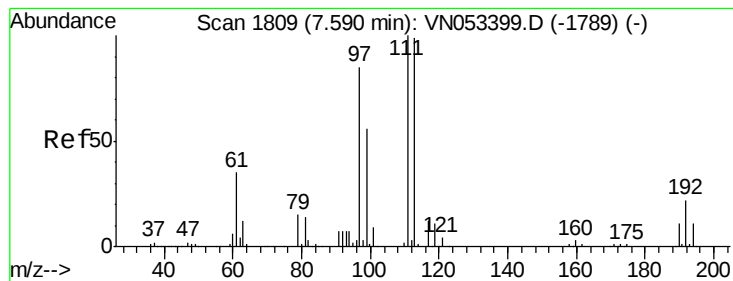
Tot Ion: 65 Resp: 470232
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053545.D
 Acq: 28 Jan 2019 15:01

Tgt Ion: 114 Resp: 1451454
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.6
 88 15.4 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053545.D

Acq: 28 Jan 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

PB116640ZHE#01

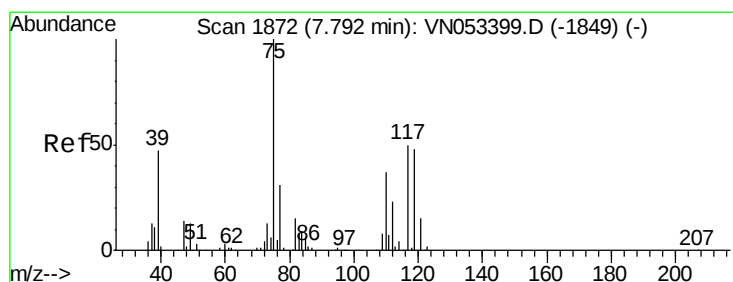
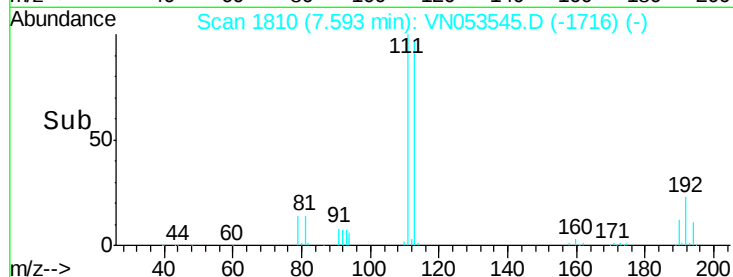
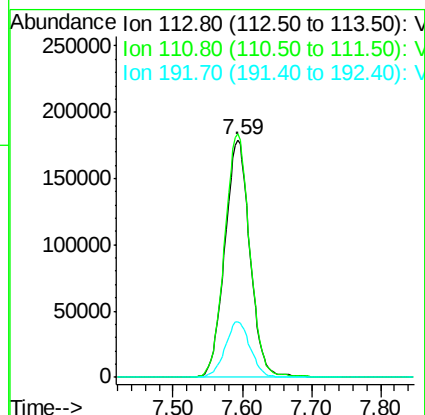
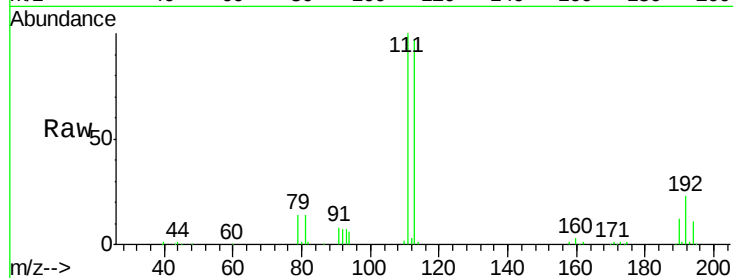
Tot Ion:113 Resp: 453582

Ion Ratio Lower Upper

113 100

111 102.2 81.1 121.7

192 23.2 18.2 27.2



#36

1,1-Dichloropropene

Concen: 4.289 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN053545.D

Acq: 28 Jan 2019 15:01

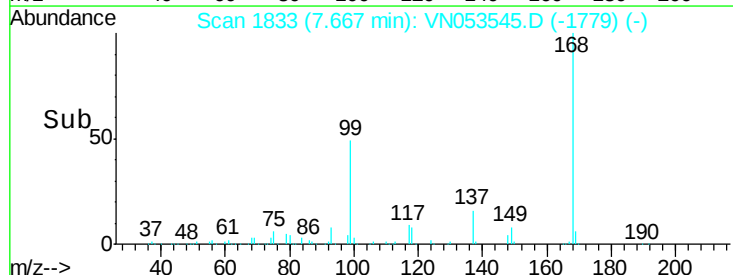
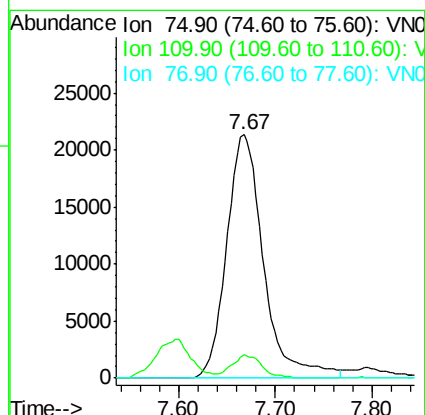
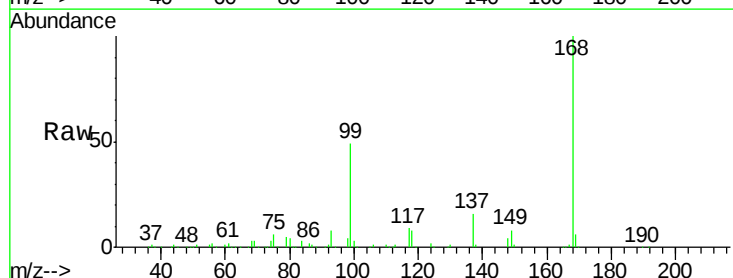
Tgt Ion: 75 Resp: 56689

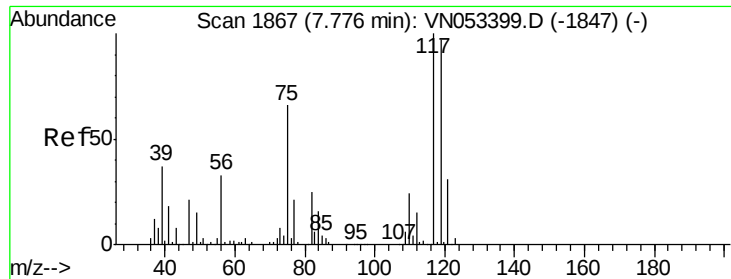
Ion Ratio Lower Upper

75 100

110 7.8 18.1 54.3#

77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 5.915 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053545.D

Acq: 28 Jan 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

PB116640ZHE#01

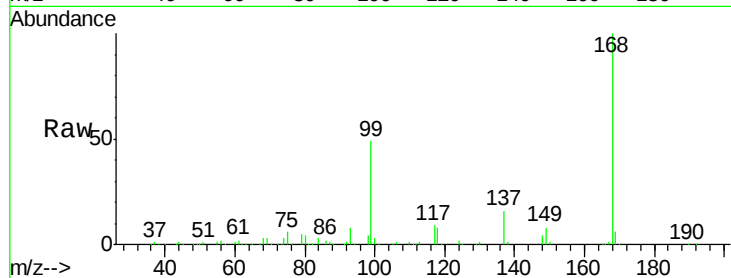
Tot Ion:117 Resp: 74018

Ion Ratio Lower Upper

117 100

119 5.7 77.2 115.8#

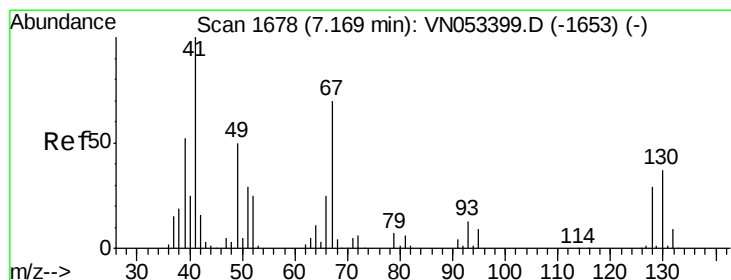
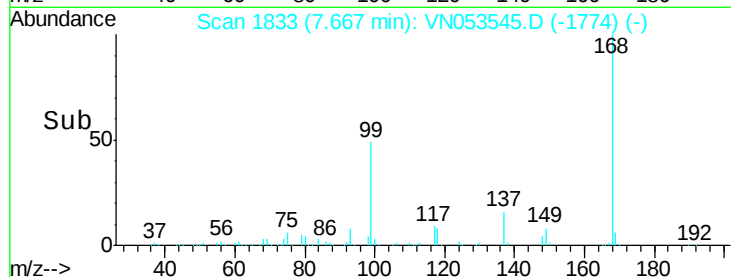
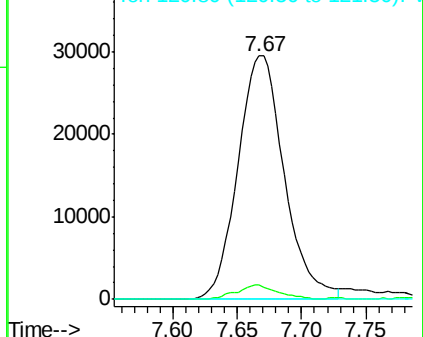
121 0.0 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 2.451 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.05 min

Lab File: VN053545.D

Acq: 28 Jan 2019 15:01

Tgt Ion: 41 Resp: 8167

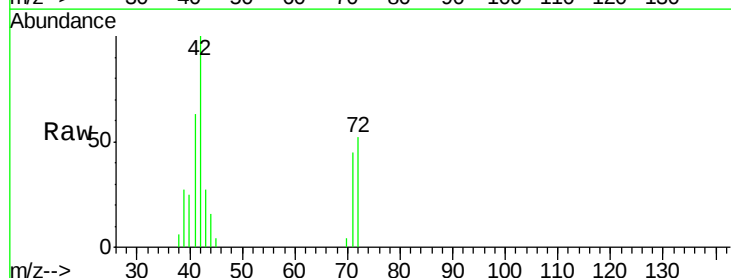
Ion Ratio Lower Upper

41 100

39 44.2 46.8 70.2#

67 0.0 63.0 94.6#

52 0.0 23.8 35.8#

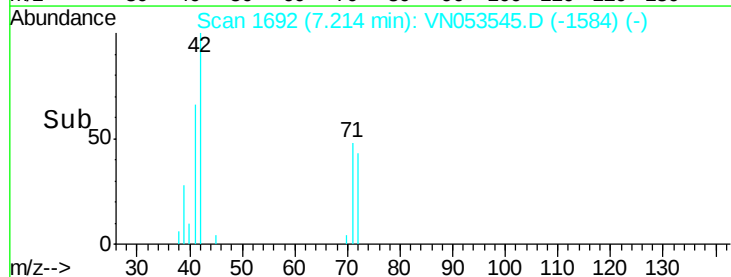
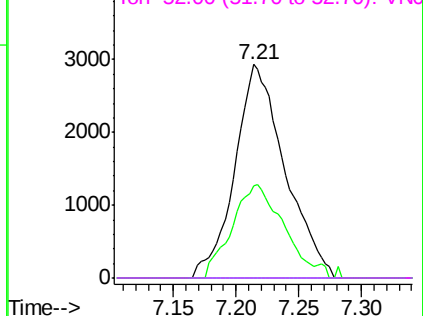


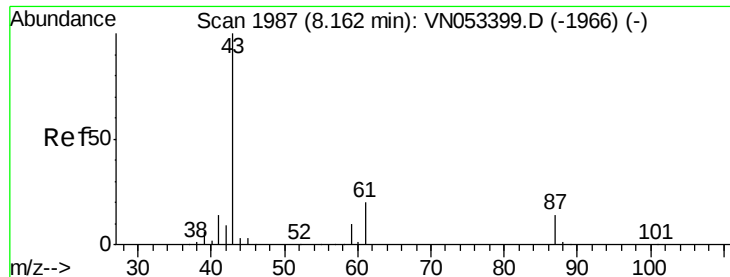
Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC





#43

Isopropyl Acetate

Concen: 3.913 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN053545.D

Acq: 28 Jan 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

PB116640ZHE#01

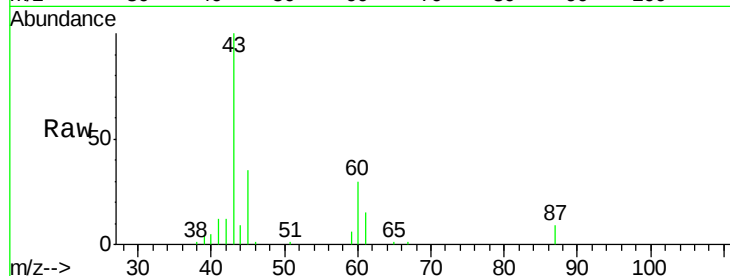
Tot Ion: 43 Resp: 53512

Ion Ratio Lower Upper

43 100

61 15.9 23.9 35.9#

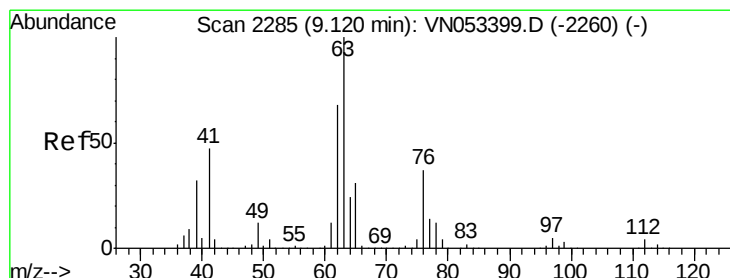
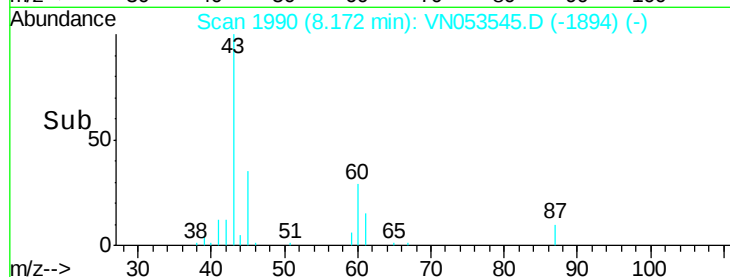
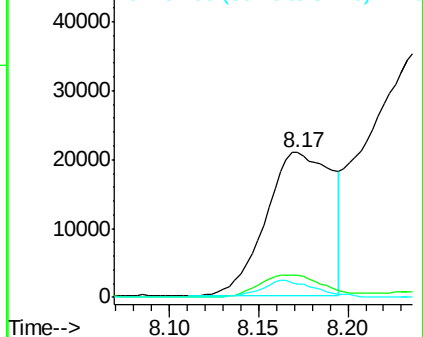
87 9.5 11.0 16.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.276 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN053545.D

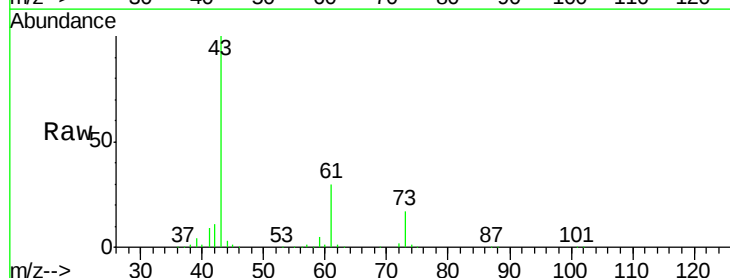
Acq: 28 Jan 2019 15:01

Tgt Ion: 63 Resp: 2934

Ion Ratio Lower Upper

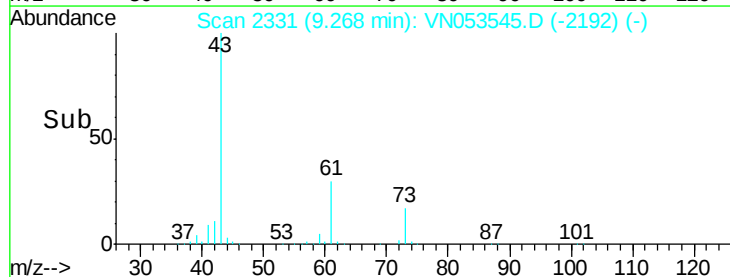
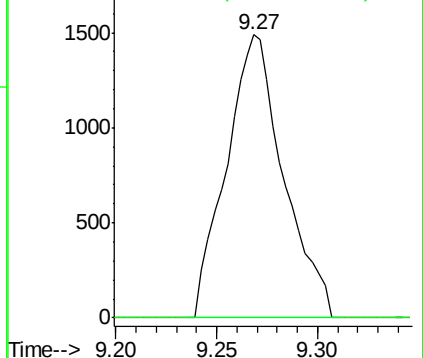
63 100

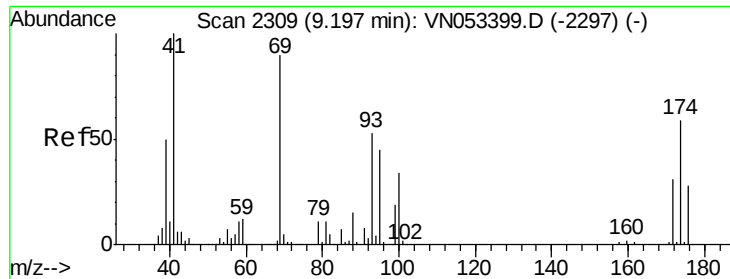
65 0.0 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

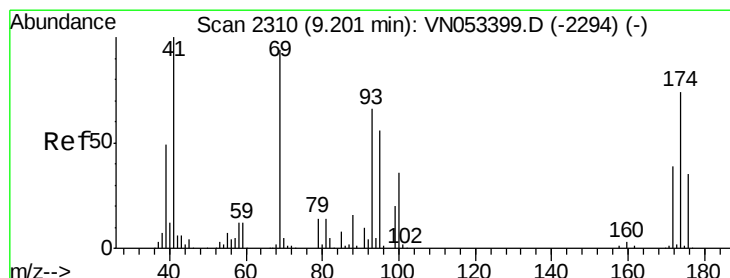
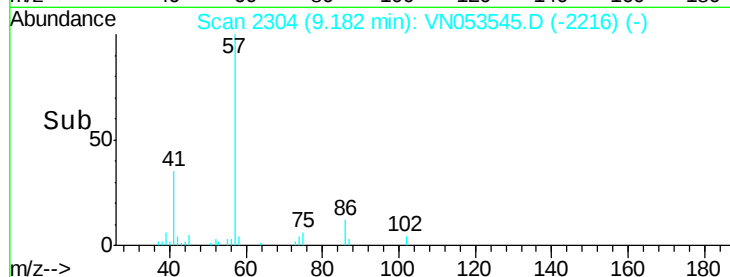
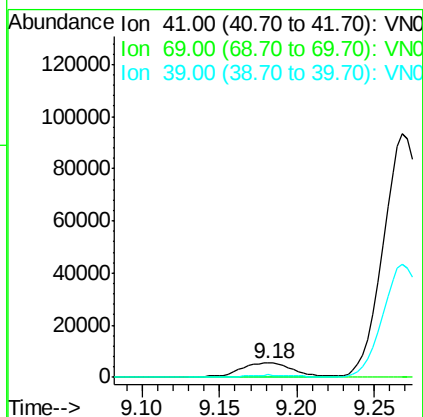
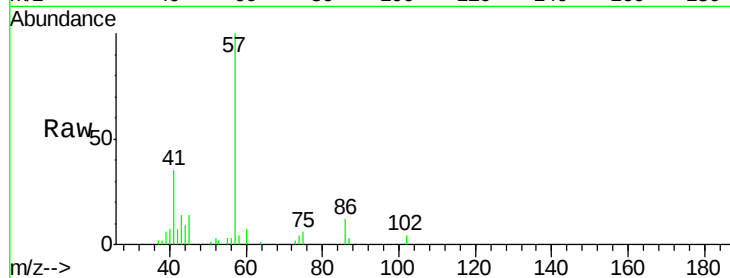




#48
Methyl methacrylate
Concen: 1.788 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN053545.D
Acq: 28 Jan 2019 15:01

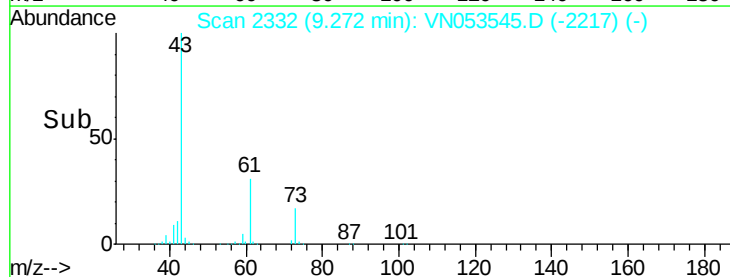
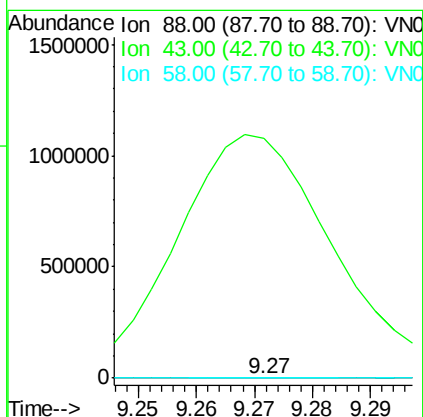
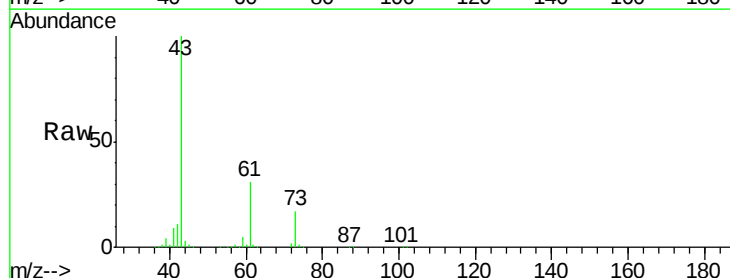
Instrument :
MSVOA_N
ClientSampleId :
PB116640ZHE#01

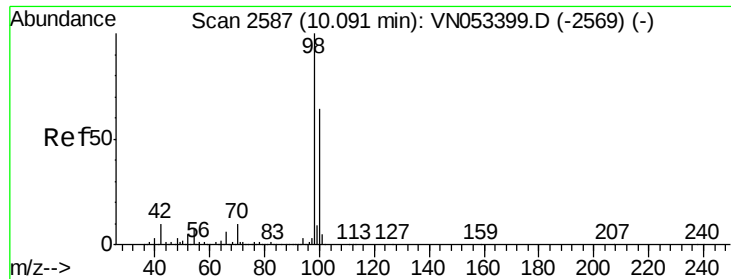
Tot Ion: 41 Resp: 12627
Ion Ratio Lower Upper
41 100
69 0.0 73.8 110.6#
39 0.0 40.0 60.0#



#49
1,4-Dioxane
Concen: 3.045 ug/l
RT: 9.27 min Scan# 2332
Delta R.T. 0.07 min
Lab File: VN053545.D
Acq: 28 Jan 2019 15:01

Tgt Ion: 88 Resp: 210
Ion Ratio Lower Upper
88 100
43 1050291.9 27.8 41.6#
58 4407.6 56.5 84.7#





#50

Toluene-d8

Concen: 3.045 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053545.D

Acq: 28 Jan 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

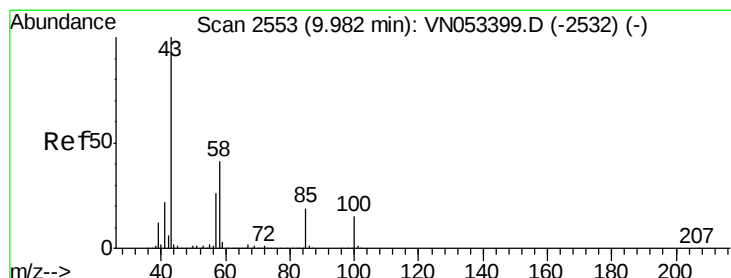
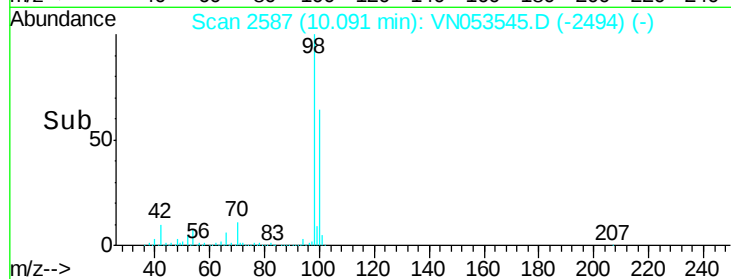
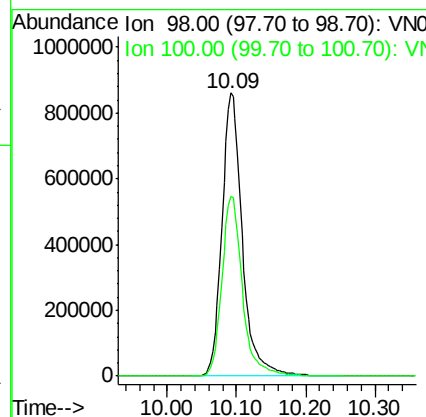
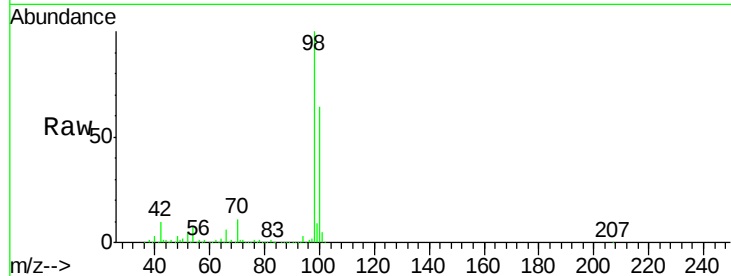
PB116640ZHE#01

Tot Ion: 98 Resp: 1753810

Ion Ratio Lower Upper

98 100

100 64.0 51.4 77.0



#51

4-Methyl-2-Pentanone

Concen: 1.688 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN053545.D

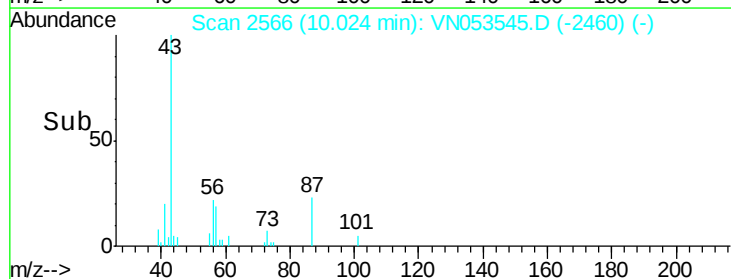
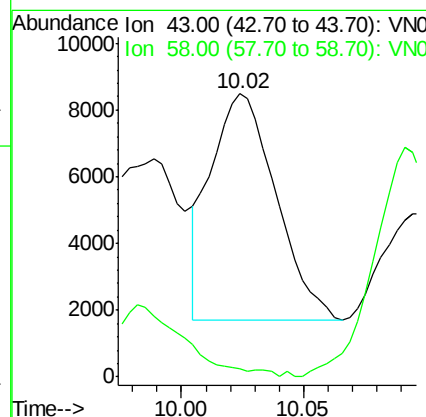
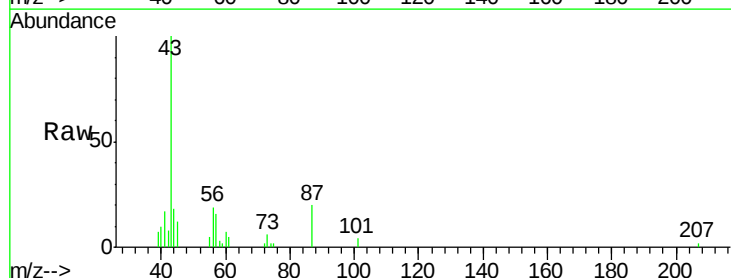
Acq: 28 Jan 2019 15:01

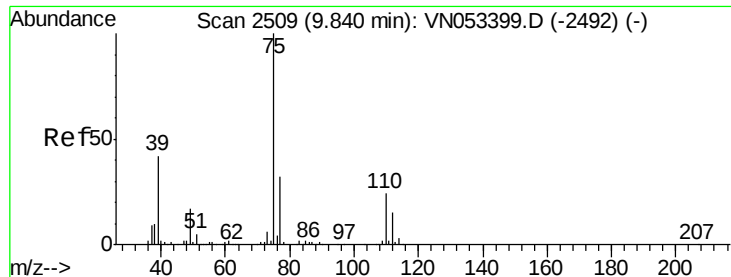
Tgt Ion: 43 Resp: 12600

Ion Ratio Lower Upper

43 100

58 0.0 32.8 49.2#





#54

cis-1,3-Dichloropropene

Concen: 6.436 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN053545.D

Acq: 28 Jan 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

PB116640ZHE#01

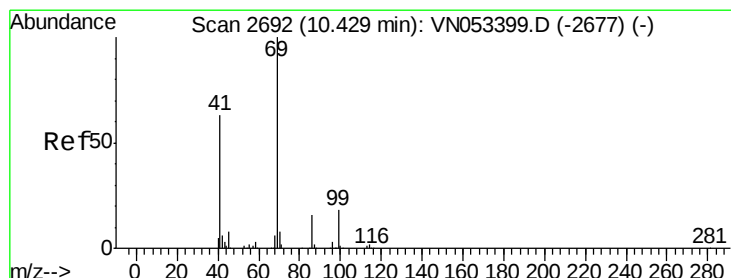
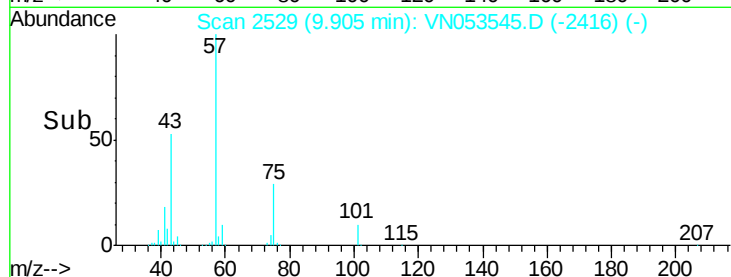
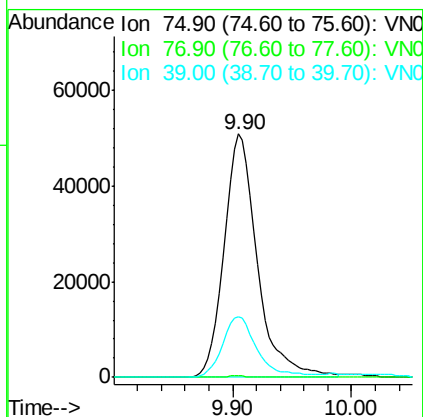
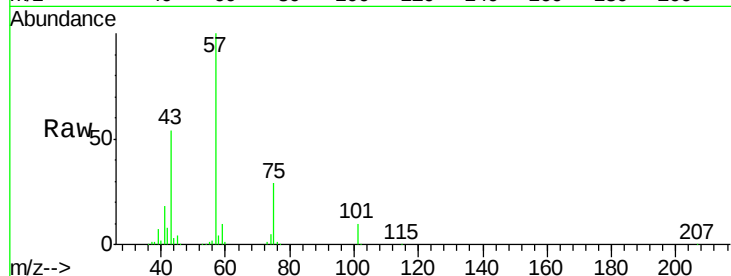
Tot Ion: 75 Resp: 98313

Ion Ratio Lower Upper

75 100

77 0.6 25.8 38.6#

39 24.9 33.4 50.0#



#56

Ethyl methacrylate

Concen: 2.066 ug/l

RT: 10.44 min Scan# 2696

Delta R.T. 0.01 min

Lab File: VN053545.D

Acq: 28 Jan 2019 15:01

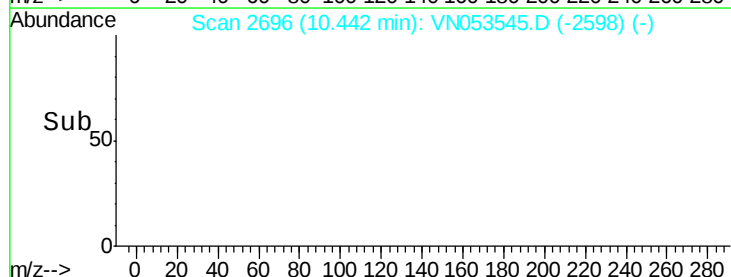
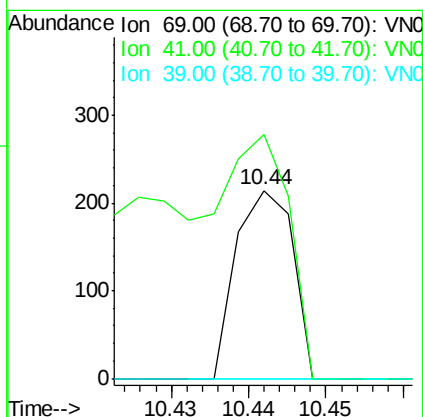
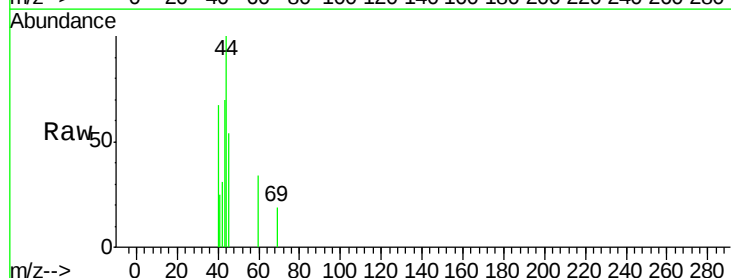
Tgt Ion: 69 Resp: 110

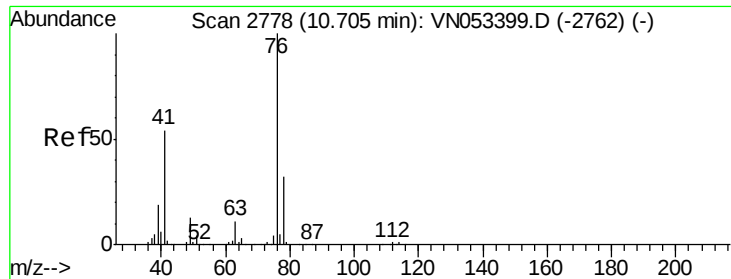
Ion Ratio Lower Upper

69 100

41 0.0 49.4 74.0#

39 0.0 23.3 34.9#





#57

1,3-Dichloropropane

Concen: 1.377 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN053545.D

Acq: 28 Jan 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

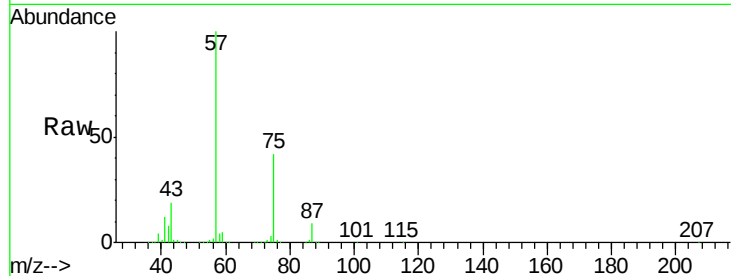
PB116640ZHE#01

Tot Ion: 76 Resp: 20485

Ion Ratio Lower Upper

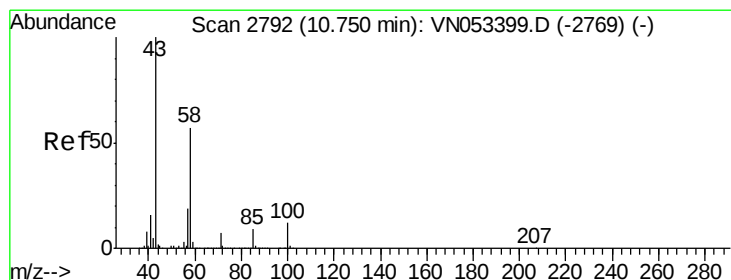
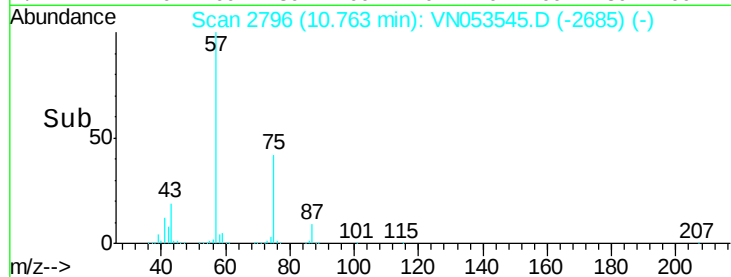
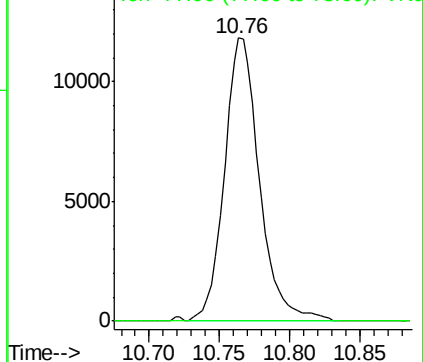
76 100

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: 51.937 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.02 min

Lab File: VN053545.D

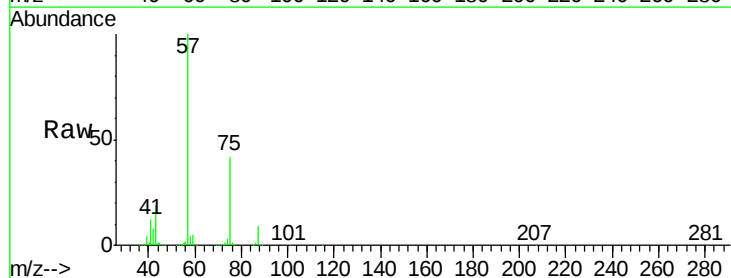
Acq: 28 Jan 2019 15:01

Tgt Ion: 43 Resp: 272164

Ion Ratio Lower Upper

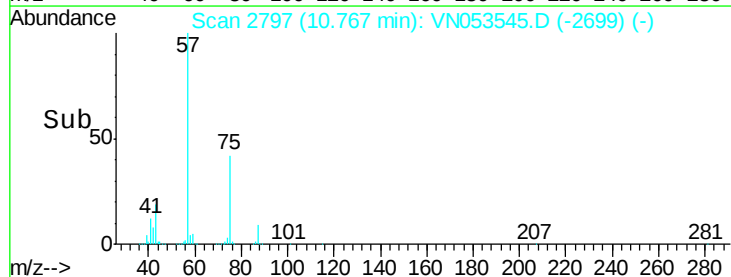
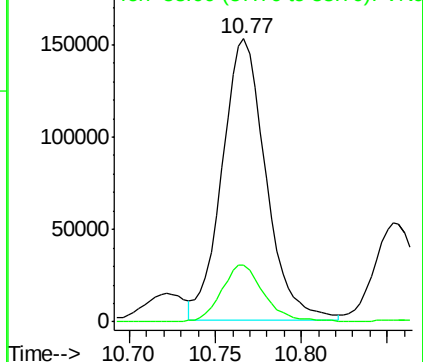
43 100

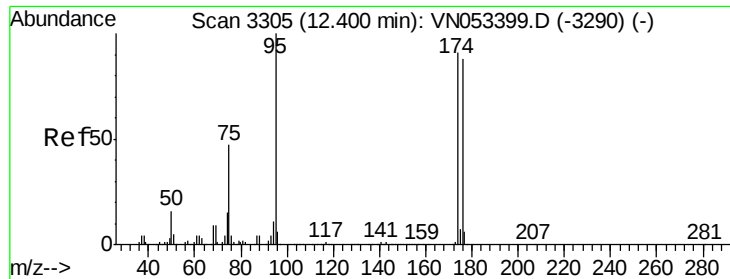
58 19.9 28.6 85.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

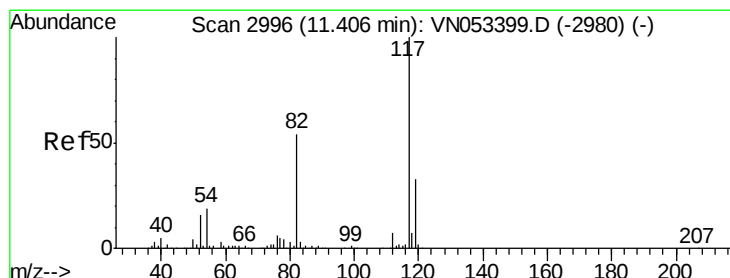
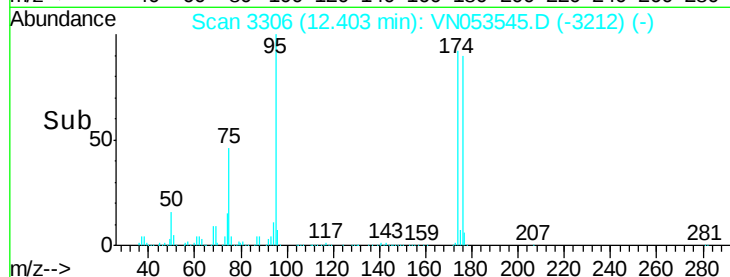
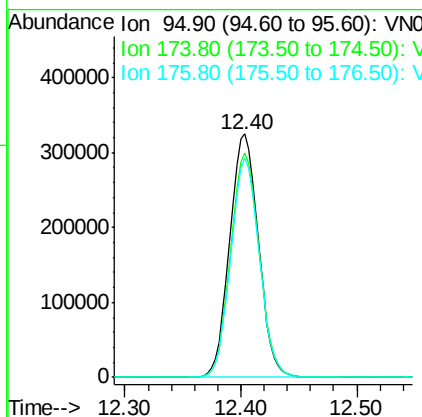
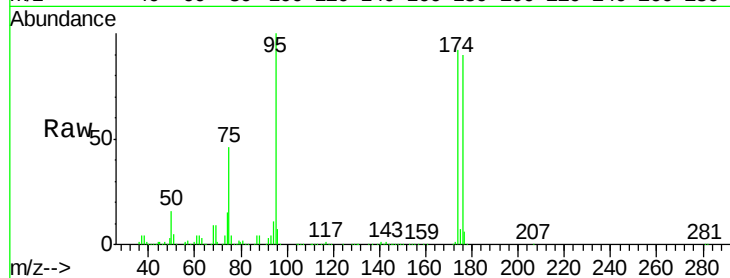




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053545.D
Acq: 28 Jan 2019 15:01

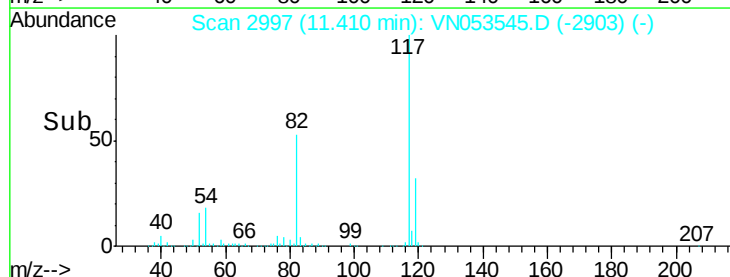
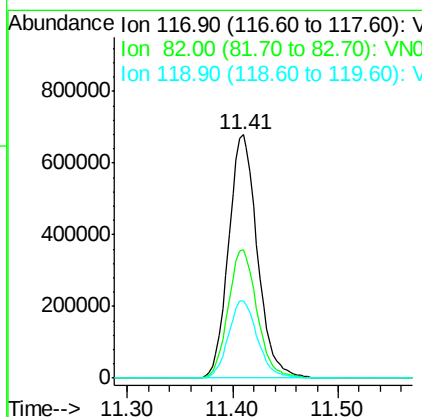
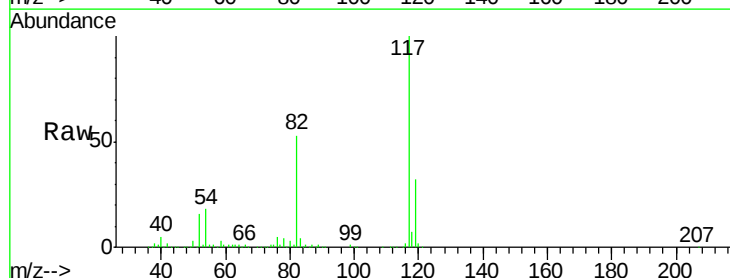
Instrument :
MSVOA_N
ClientSampleId :
PB116640ZHE#01

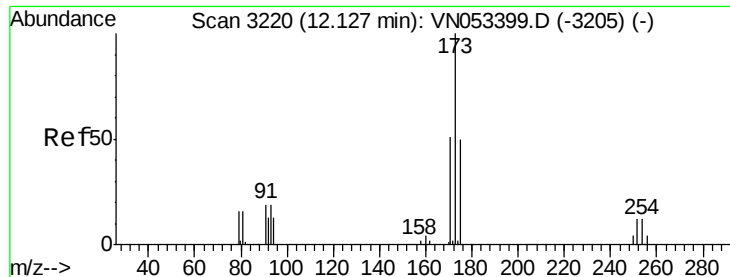
Tot Ion: 95 Resp: 555046
Ion Ratio Lower Upper
95 100
174 92.0 0.0 183.2
176 89.2 0.0 177.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053545.D
Acq: 28 Jan 2019 15:01

Tgt Ion: 117 Resp: 1281254
Ion Ratio Lower Upper
117 100
82 52.5 42.9 64.3
119 32.0 26.0 39.0





#71

Bromoform

Concen: 0.600 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN053545.D

Acq: 28 Jan 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

PB116640ZHE#01

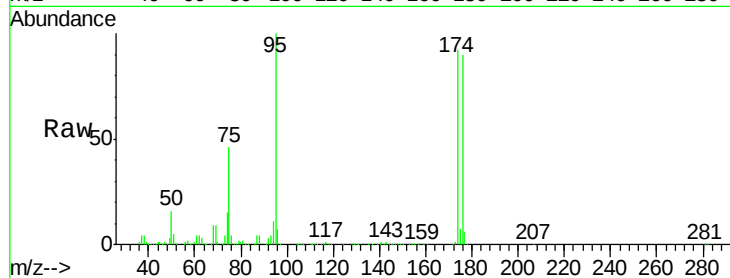
Tot Ion:173 Resp: 3898

Ion Ratio Lower Upper

173 100

175 809.1 24.6 74.0#

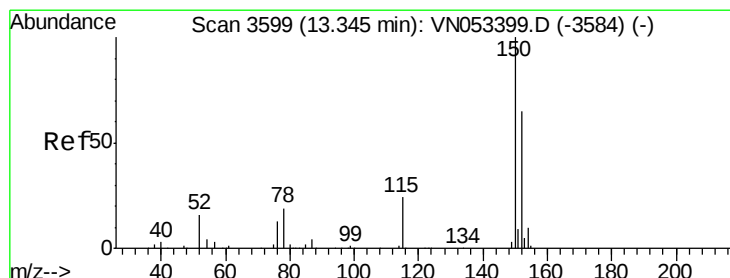
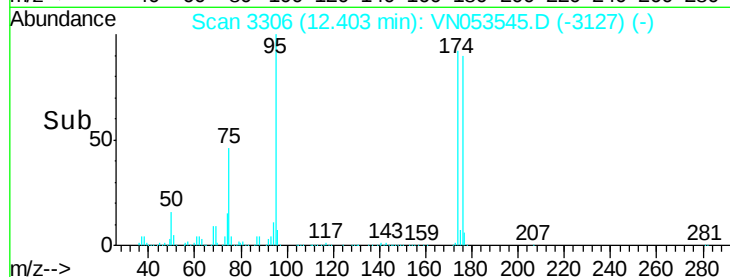
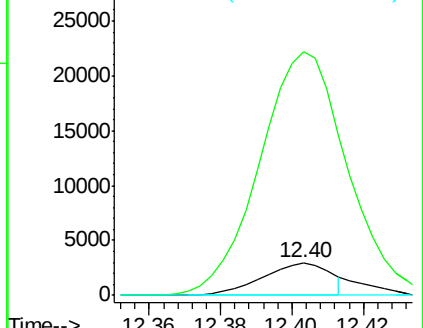
254 0.0 0.2 0.2#



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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053545.D

Acq: 28 Jan 2019 15:01

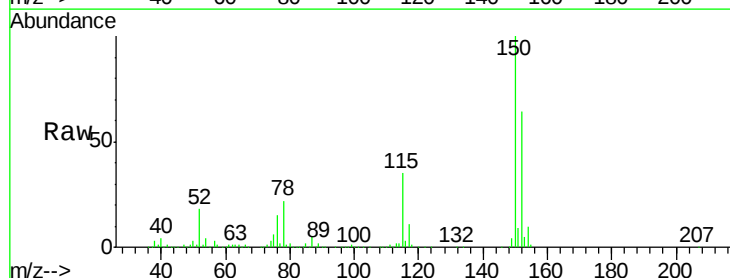
Tgt Ion:152 Resp: 499933

Ion Ratio Lower Upper

152 100

115 55.9 27.8 83.4

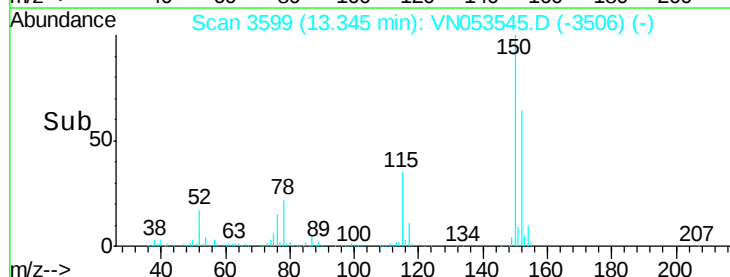
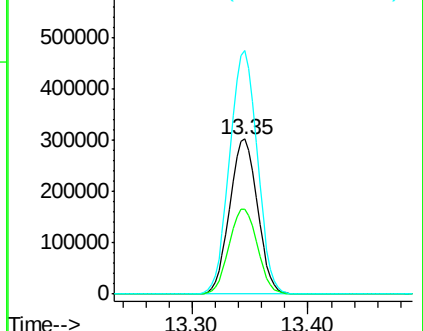
150 156.6 0.0 349.0

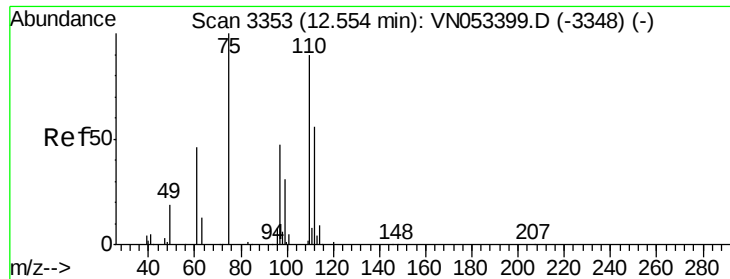


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 39.039 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN053545.D

Acq: 28 Jan 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

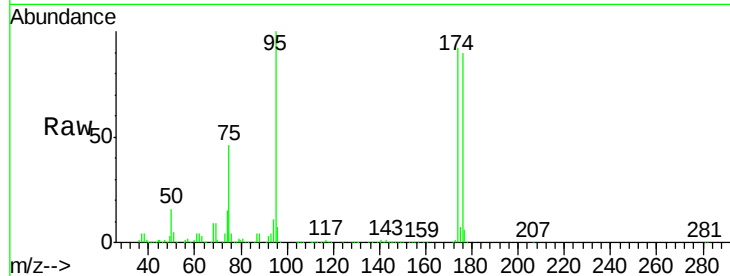
PB116640ZHE#01

Tot Ion: 75 Resp: 257198

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

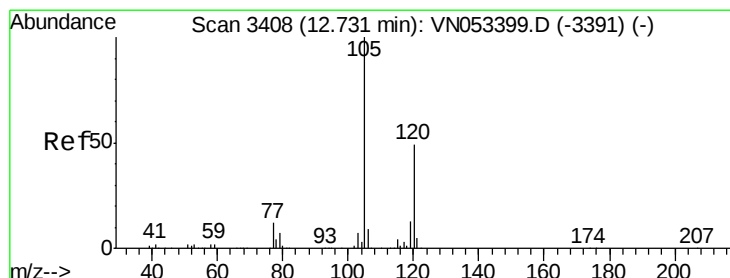
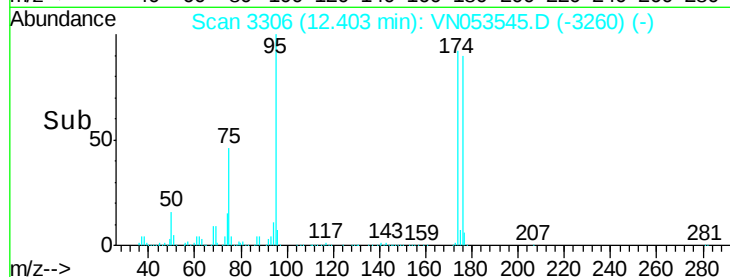
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#80

1,3,5-Trimethylbenzene

Concen: 0.470 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053545.D

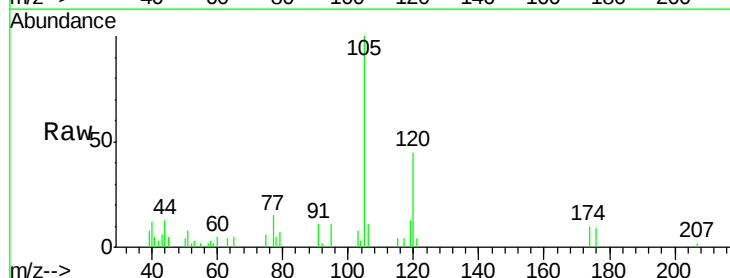
Acq: 28 Jan 2019 15:01

Tgt Ion: 105 Resp: 14007

Ion Ratio Lower Upper

105 100

120 46.2 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

8000

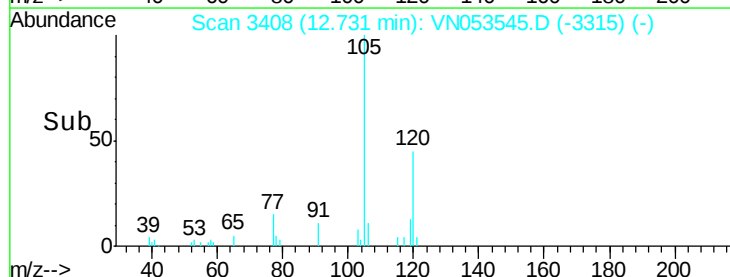
6000

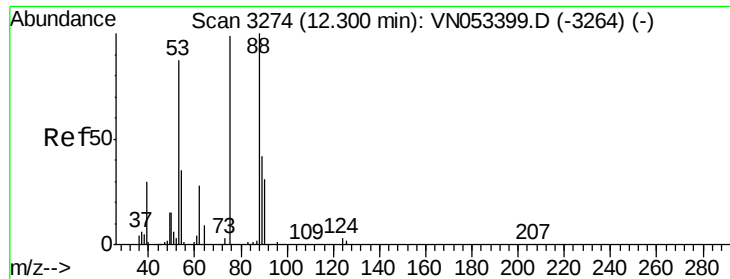
4000

2000

0

Time--> 12.70 12.75





#81

trans-1,4-Dichloro-2-butene

Concen: 96.327 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN053545.D

Acq: 28 Jan 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

PB116640ZHE#01

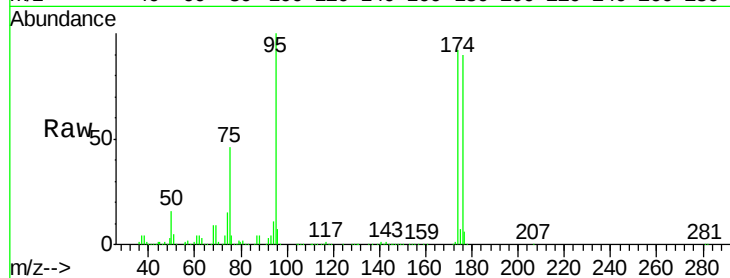
Tot Ion: 75 Resp: 257198

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.6#

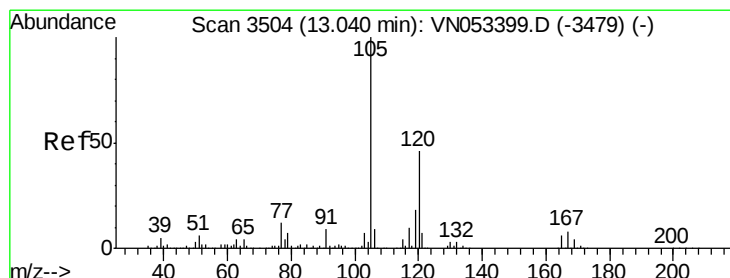
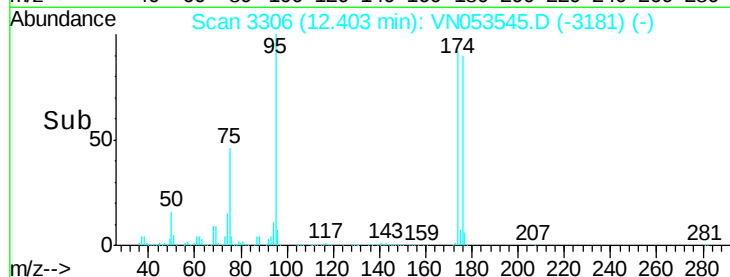
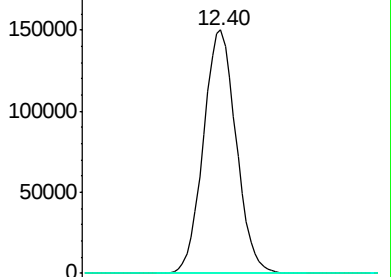
89 0.0 35.6 53.4#



Abundance Ion 74.90 (74.60 to 75.60): VN053399.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN053399.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN053399.D (-3264) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.715 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053545.D

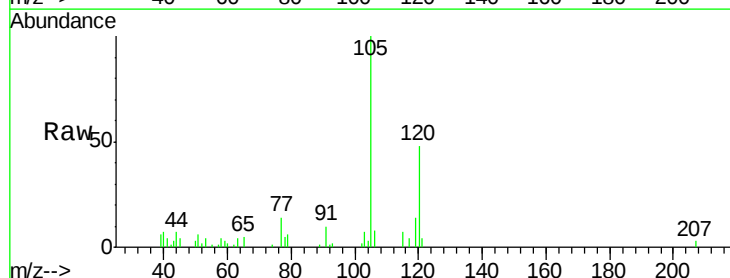
Acq: 28 Jan 2019 15:01

Tgt Ion: 105 Resp: 21473

Ion Ratio Lower Upper

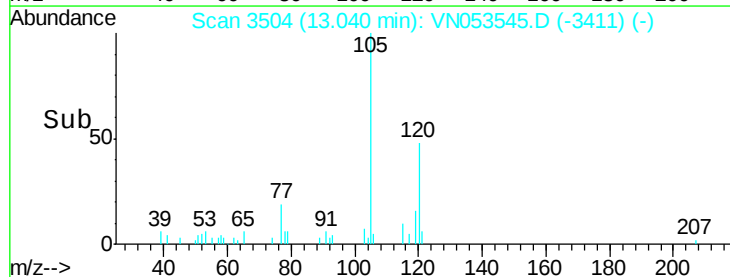
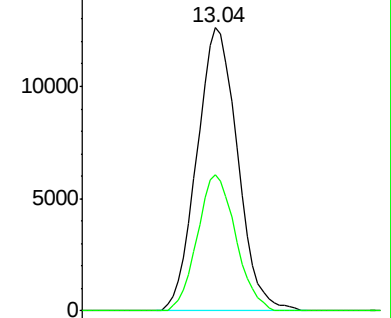
105 100

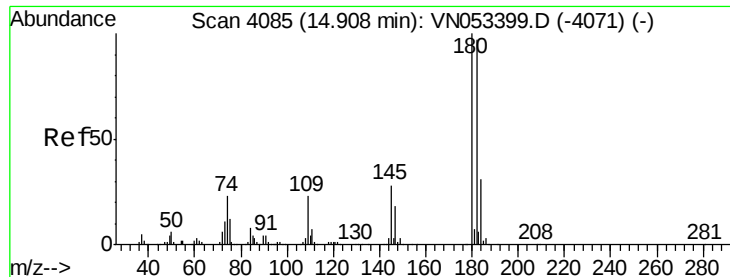
120 45.4 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): VN053399.D (-3479) (-)

Ion 120.00 (119.70 to 120.70): VN053399.D (-3479) (-)





#93

1,2,4-Trichlorobenzene

Concen: 3.199 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN053545.D

Acq: 28 Jan 2019 15:01

Instrument :

MSVOA_N

ClientSampleId :

PB116640ZHE#01

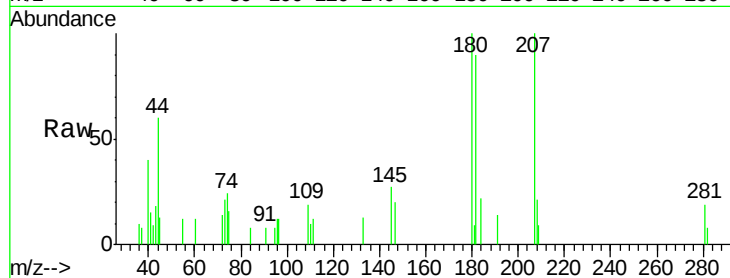
Tot Ion:180 Resp: 3153

Ion Ratio Lower Upper

180 100

182 96.0 48.1 144.3

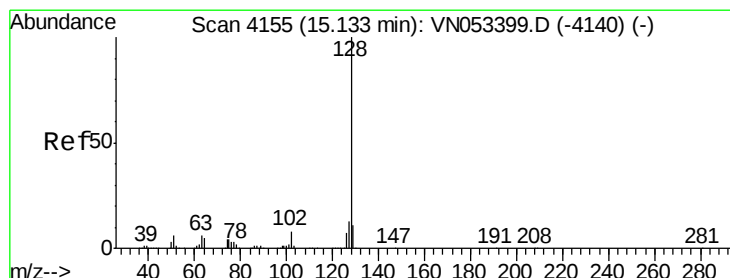
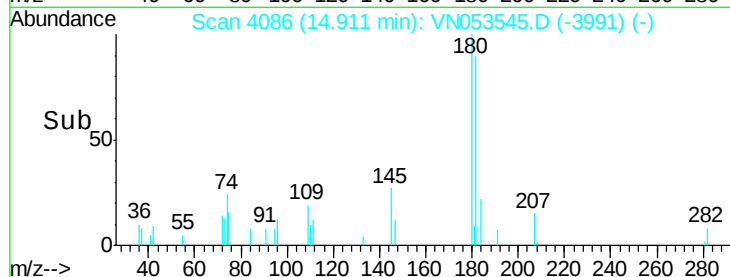
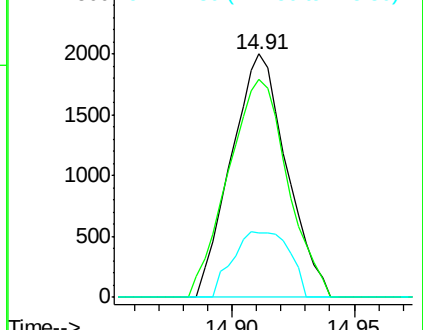
145 27.5 13.9 41.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#95

Naphthalene

Concen: 4.487 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN053545.D

Acq: 28 Jan 2019 15:01

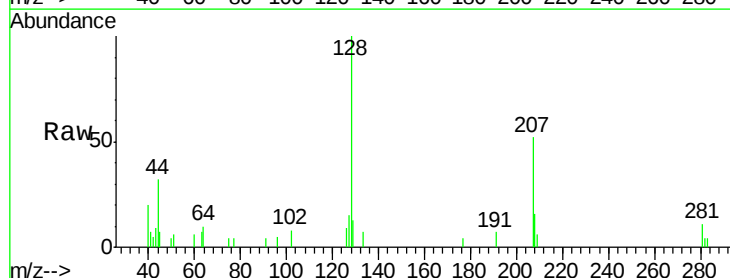
Tgt Ion:128 Resp: 7195

Ion Ratio Lower Upper

128 100

127 12.1 10.3 15.5

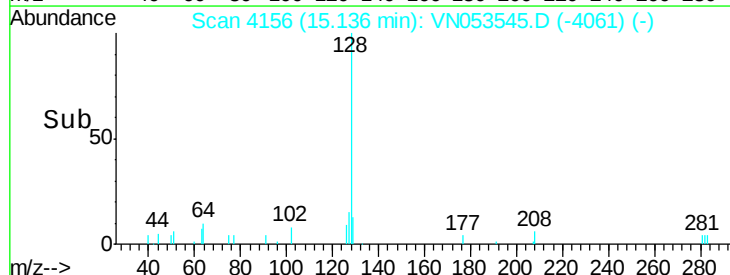
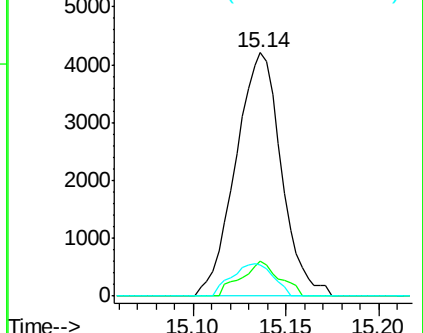
129 12.1 8.6 13.0

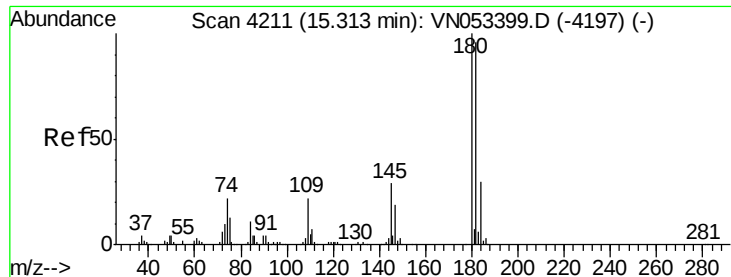


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 4.526 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN053545.D
 Acq: 28 Jan 2019 15:01

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116640ZHE#01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.1	47.9	143.8
145	24.0	14.7	44.1

