

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012819\
 Data File : VN053551.D
 Acq On : 28 Jan 2019 17:42
 Operator : JC/SP
 Sample : PB116640ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 29 08:22:10 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	858810	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1398572	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1244157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	524188	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	444700	52.39	ug/l	0.00
Spiked Amount			Recovery	=	104.78%	
35) Dibromofluoromethane	7.59	113	436366	54.67	ug/l	0.00
Spiked Amount			Recovery	=	109.34%	
50) Toluene-d8	10.09	98	1660469	49.19	ug/l	0.00
Spiked Amount			Recovery	=	98.38%	
62) 4-Bromofluorobenzene	12.40	95	547044	46.22	ug/l	0.00
Spiked Amount			Recovery	=	92.44%	

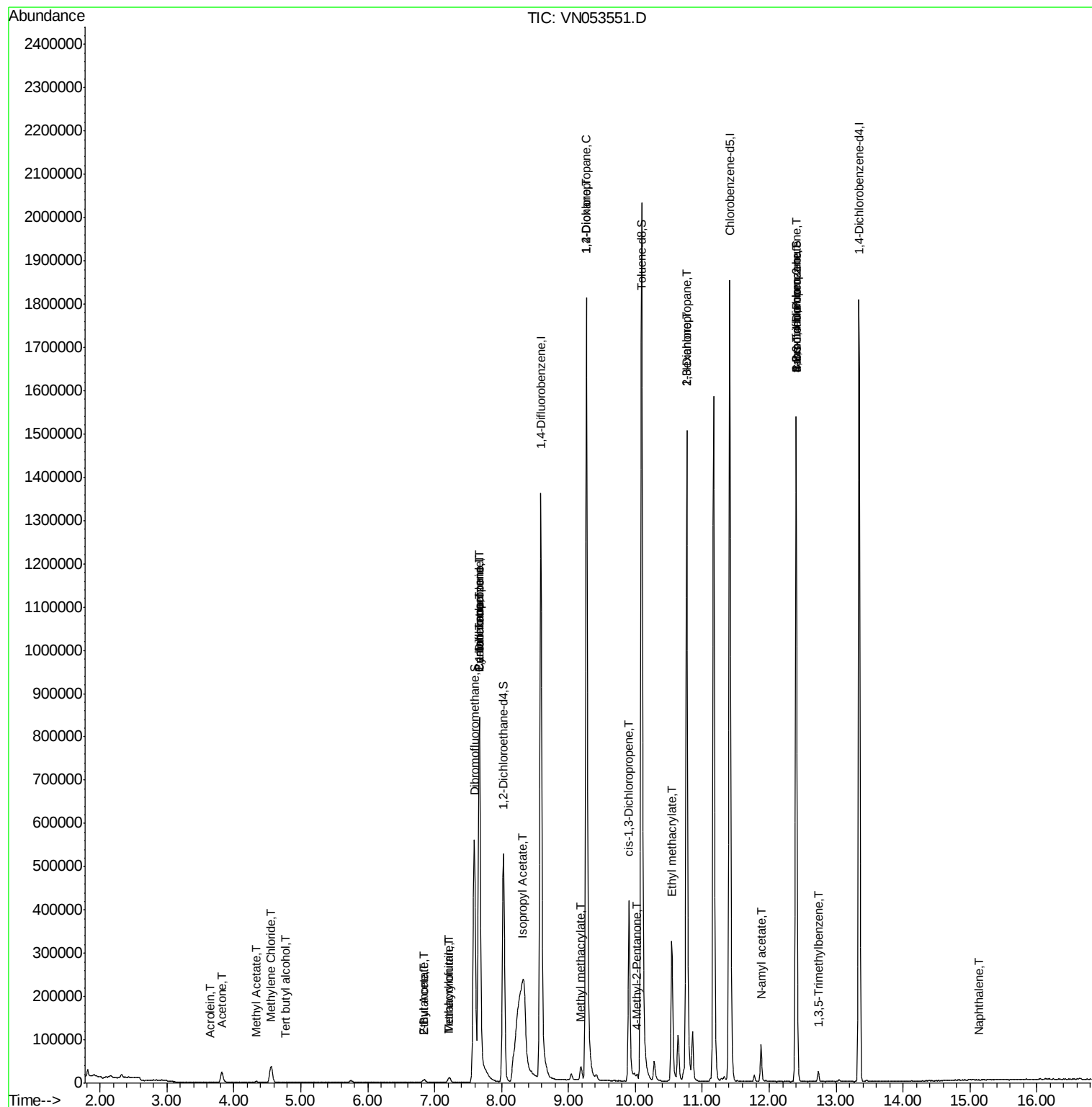
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.78	59	265	0.638	ug/l #	72
13) Acrolein	3.63	56	30	22.771	ug/l #	14
16) Acetone	3.82	43	39773	19.971	ug/l	97
18) Methyl Acetate	4.34	43	4368	0.651	ug/l #	84
20) Methylene Chloride	4.55	84	28314	3.114	ug/l	98
25) 2-Butanone	6.84	43	9615	3.133	ug/l	90
29) Tetrahydrofuran	7.22	42	10110	5.060	ug/l	96
31) Cyclohexane	7.66	56	12374	0.609	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	54646	4.290	ug/l #	48
37) Ethyl Acetate	6.84	43	9615	1.312	ug/l #	67
38) Carbon Tetrachloride	7.67	117	70416	5.840	ug/l #	16
41) Methacrylonitrile	7.21	41	3221	1.397	ug/l #	37
43) Isopropyl Acetate	8.30	43	446698	33.901	ug/l #	51
45) 1,2-Dichloropropane	9.27	63	2546	0.248	ug/l #	43
48) Methyl methacrylate	9.18	41	10820	1.590	ug/l #	12
49) 1,4-Dioxane	9.27	88	135	2.032	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	11166	1.552	ug/l #	34
54) cis-1,3-Dichloropropene	9.90	75	89498	6.081	ug/l #	61
56) Ethyl methacrylate	10.54	69	1213	2.157	ug/l #	1
57) 1,3-Dichloropropane	10.77	76	17559	1.225	ug/l #	43
59) 2-Hexanone	10.77	43	238604	47.254	ug/l #	49
71) Bromoform	12.40	173	3743	0.593	ug/l #	1
74) N-ethyl acetate	11.88	43	27067	2.645	ug/l #	50
76) 1,2,3-Trichloropropane	12.40	75	254190	36.798	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	12089	0.387	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	254190	90.941	ug/l #	15
95) Naphthalene	15.13	128	283	3.959	ug/l #	69

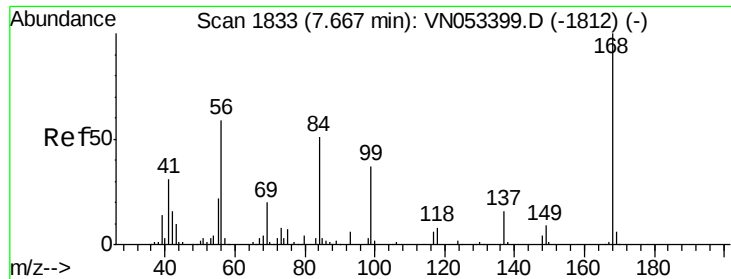
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 29 08:22:10 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: VN053551.D

Acq: 28 Jan 2019 17:42

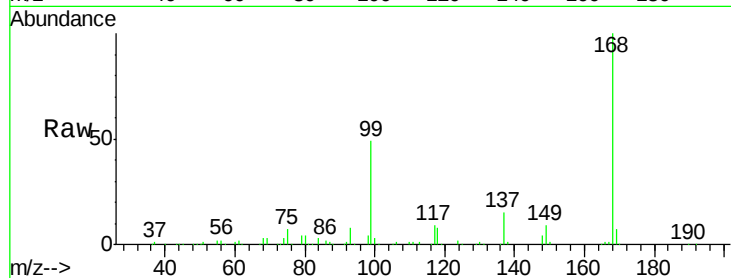
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 858810

Ion Ratio Lower Upper

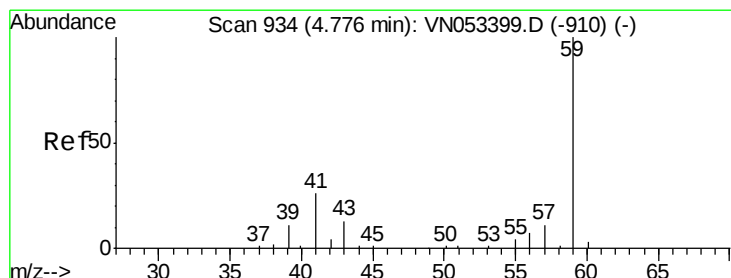
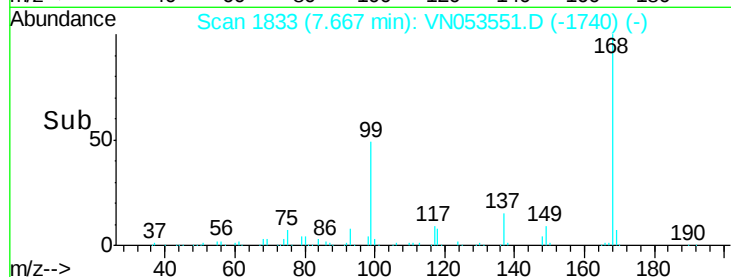
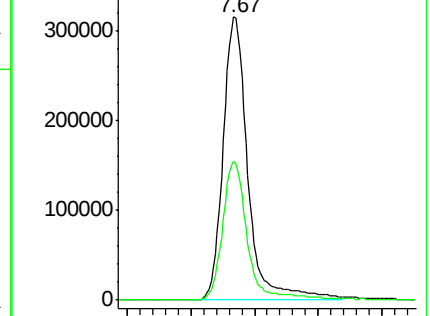
168 100

99 48.8 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 0.638 ug/l

RT: 4.78 min Scan# 934

Delta R.T. 0.00 min

Lab File: VN053551.D

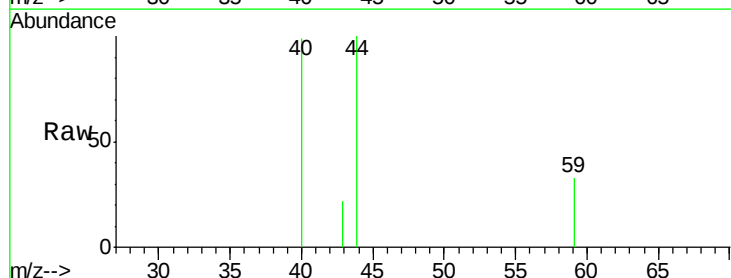
Acq: 28 Jan 2019 17:42

Tgt Ion: 59 Resp: 265

Ion Ratio Lower Upper

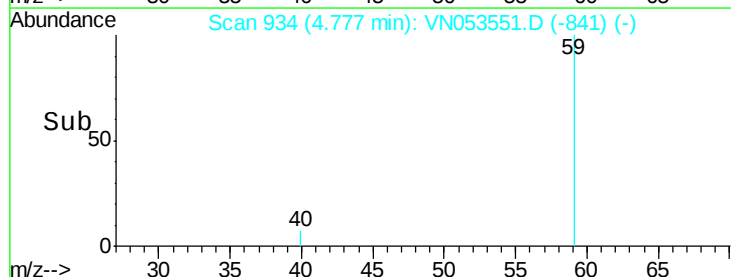
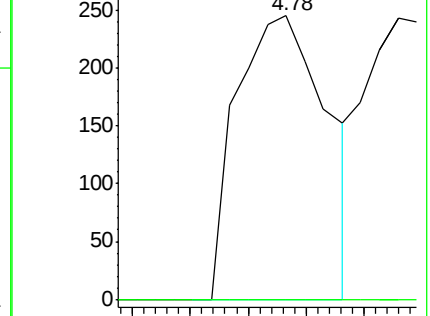
59 100

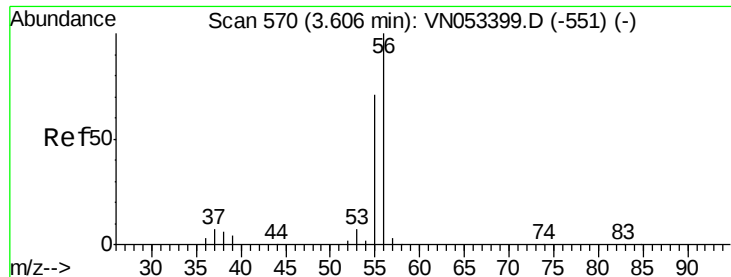
57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#13

Acrolein

Concen: 22.771 ug/l

RT: 3.63 min Scan# 578

Delta R.T. 0.03 min

Lab File: VN053551.D

Acq: 28 Jan 2019 17:42

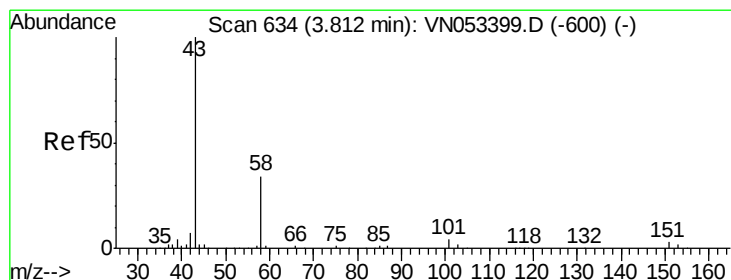
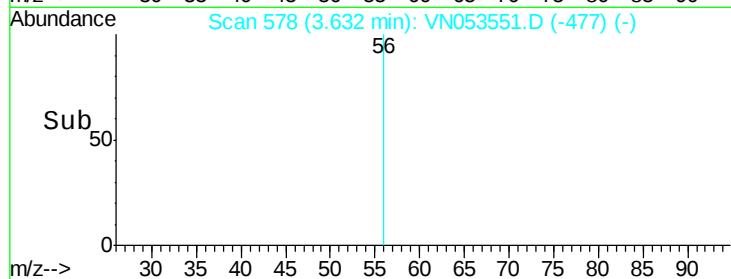
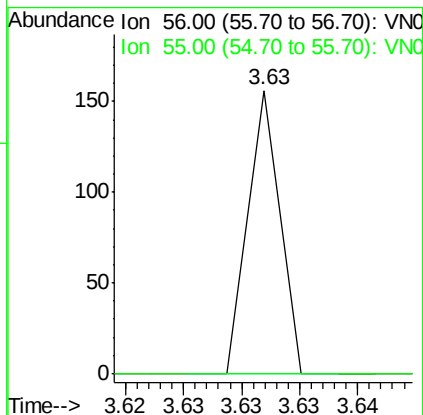
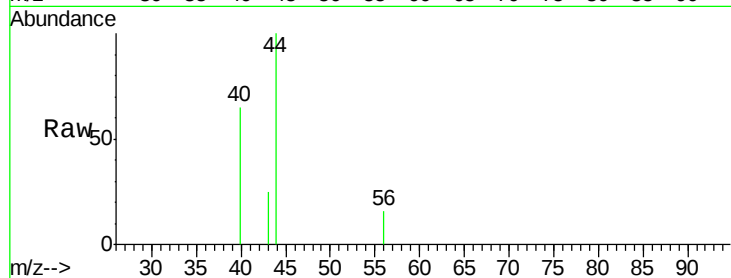
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 30

Ion Ratio Lower Upper

56 100

55 0.0 57.4 86.0#



#16

Acetone

Concen: 19.971 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053551.D

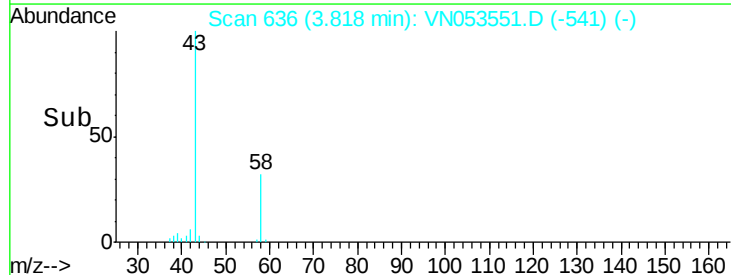
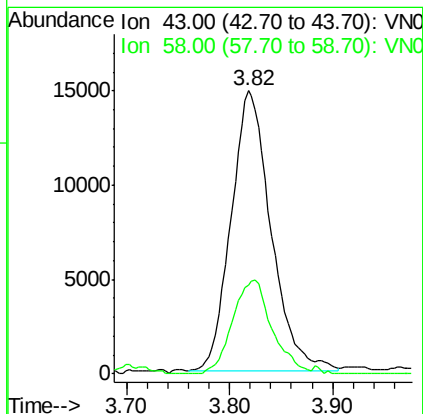
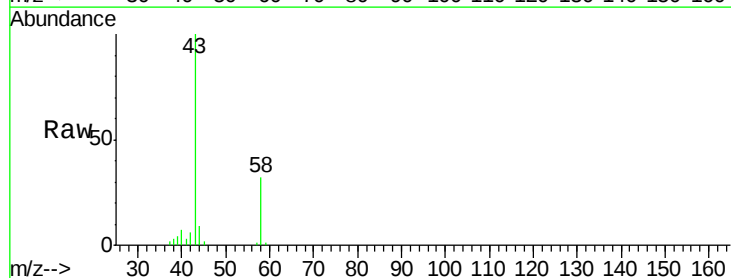
Acq: 28 Jan 2019 17:42

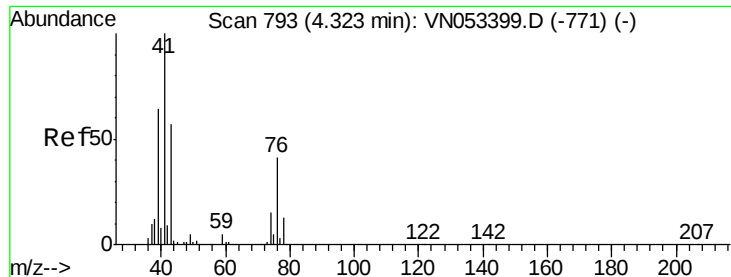
Tgt Ion: 43 Resp: 39773

Ion Ratio Lower Upper

43 100

58 32.0 27.1 40.7

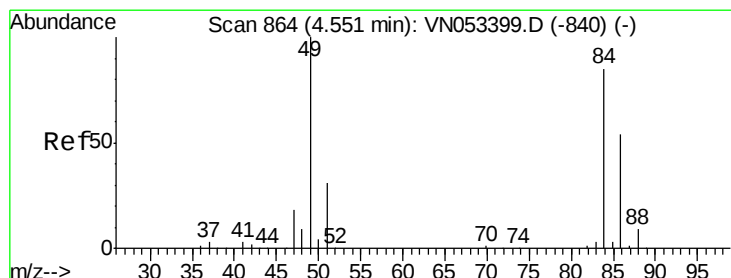
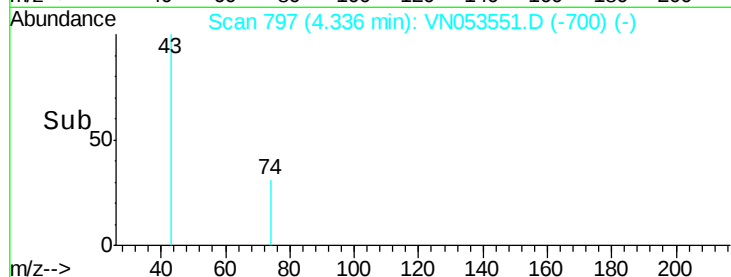
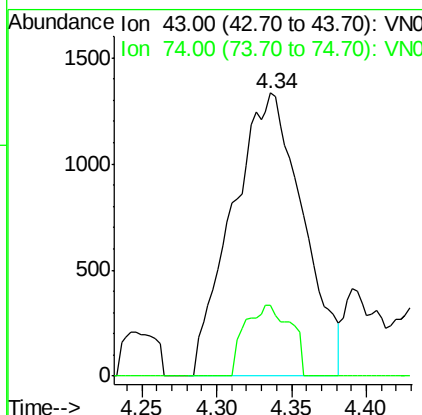
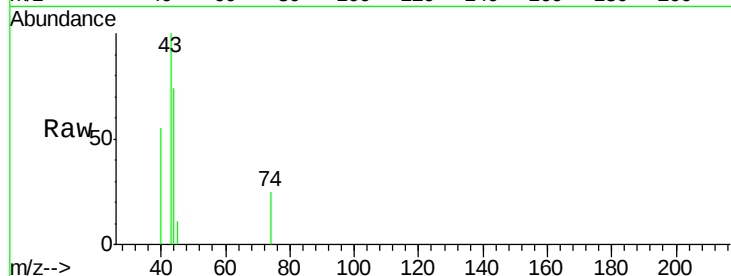




#18
Methvl Acetate
Concen: 0.651 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN053551.D
Acq: 28 Jan 2019 17:42

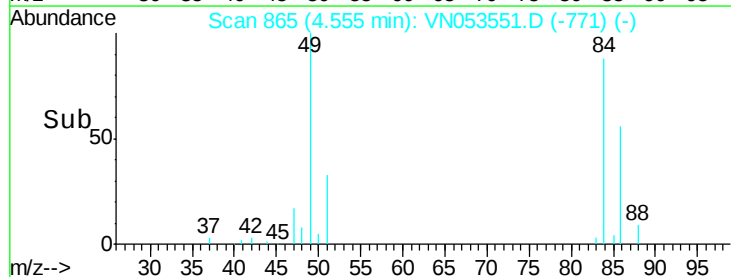
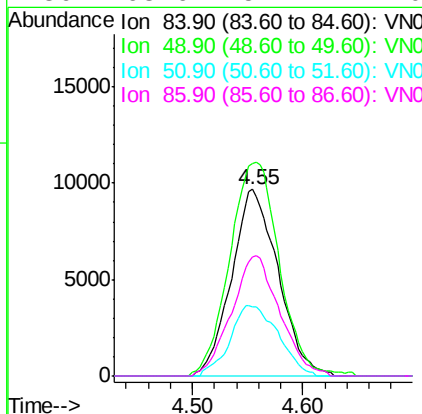
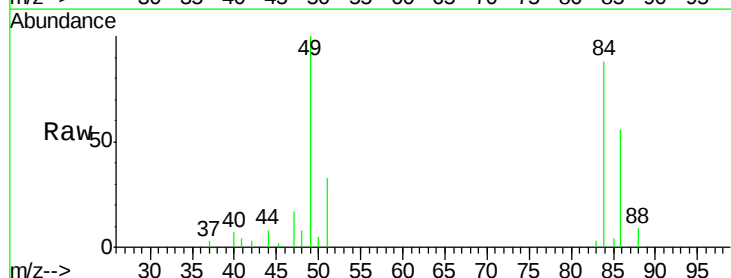
Instrument :
MSVOA_N
ClientSampled :

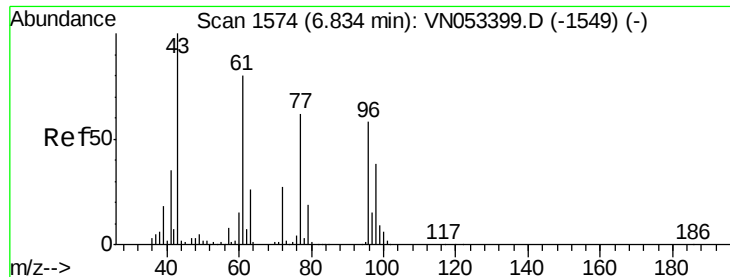
Tot Ion: 43 Resp: 4368
Ion Ratio Lower Upper
43 100
74 16.2 19.4 29.2#



#20
Methylene Chloride
Concen: 3.114 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053551.D
Acq: 28 Jan 2019 17:42

Tgt Ion: 84 Resp: 28314
Ion Ratio Lower Upper
84 100
49 113.9 94.3 141.5
51 37.3 29.4 44.2
86 63.6 51.4 77.0





#25

2-Butanone

Concen: 3.133 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.01 min

Lab File: VN053551.D

Acq: 28 Jan 2019 17:42

Instrument :

MSVOA_N

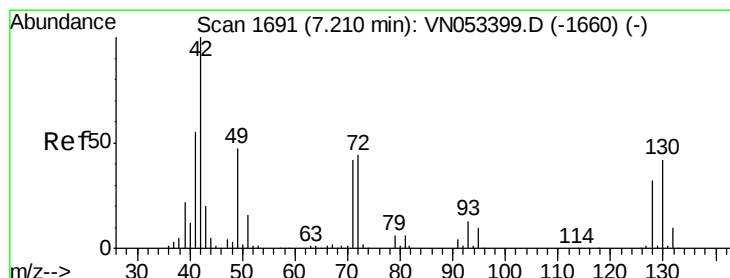
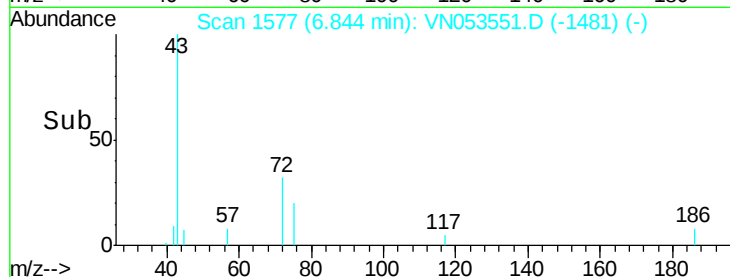
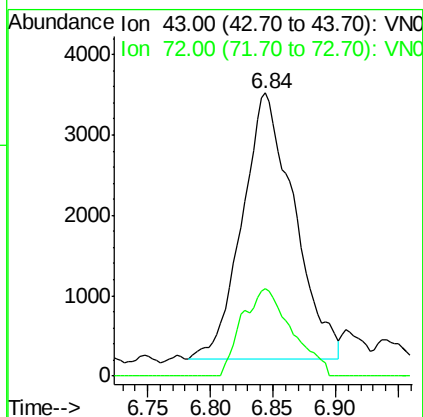
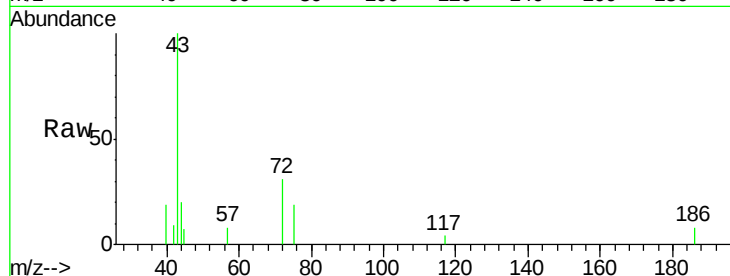
ClientSampled :

Tot Ion: 43 Resp: 9615

Ion Ratio Lower Upper

43 100

72 32.7 22.0 33.0



#29

Tetrahydrofuran

Concen: 5.060 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VN053551.D

Acq: 28 Jan 2019 17:42

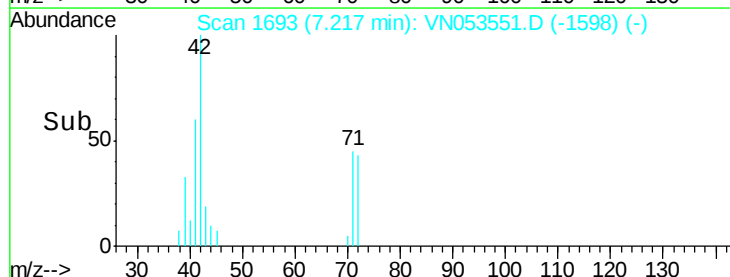
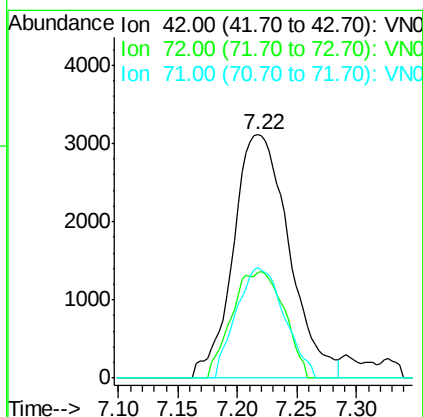
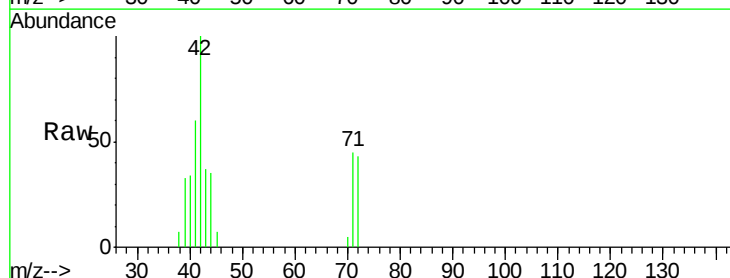
Tgt Ion: 42 Resp: 10110

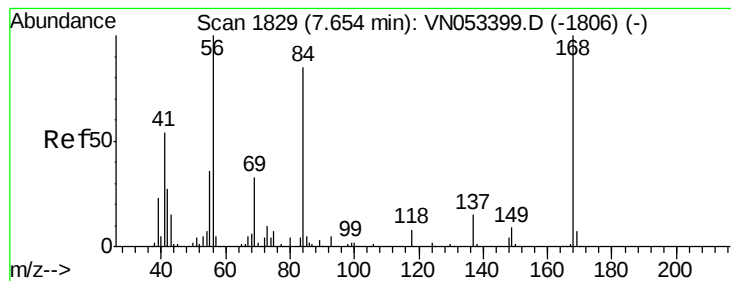
Ion Ratio Lower Upper

42 100

72 40.9 35.2 52.8

71 39.0 33.0 49.4





#31

Cyclohexane

Concen: 0.609 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN053551.D

Acq: 28 Jan 2019 17:42

Instrument :
MSVOA_N
ClientSampled :

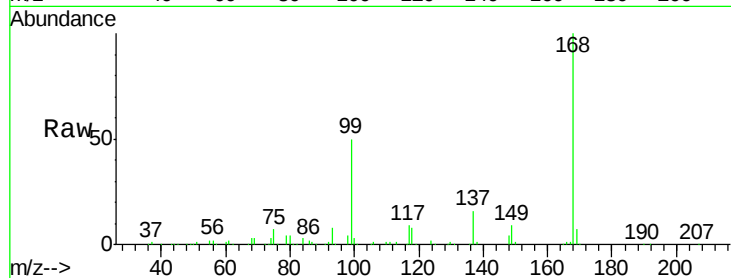
Tot Ion: 56 Resp: 12374

Ion Ratio Lower Upper

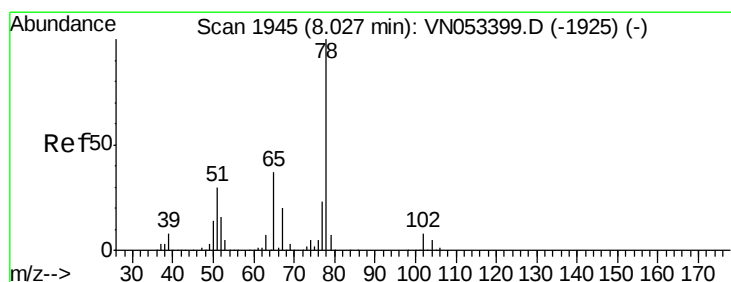
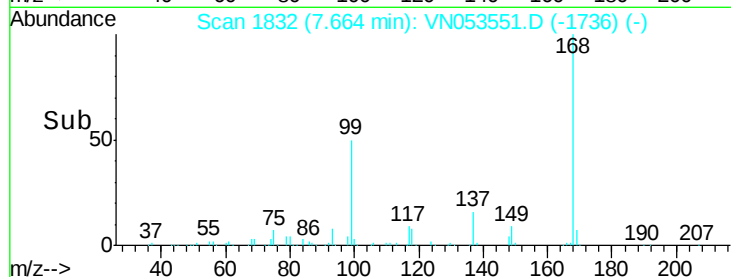
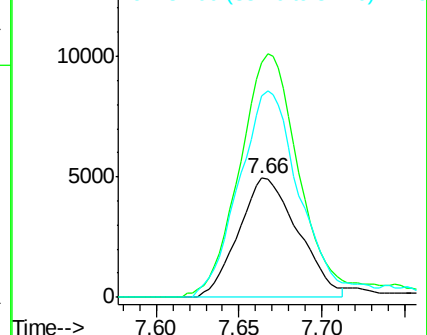
56 100

69 193.0 26.4 39.6#

84 168.6 67.9 101.9#



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053551.D

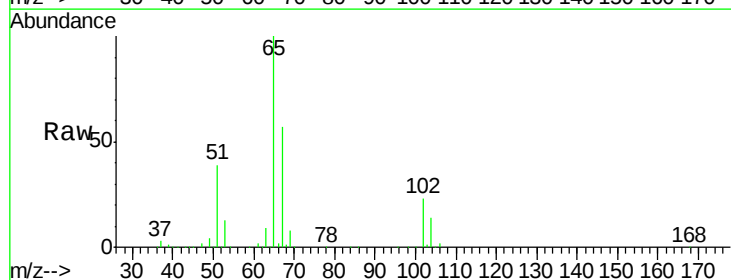
Acq: 28 Jan 2019 17:42

Tgt Ion: 65 Resp: 444700

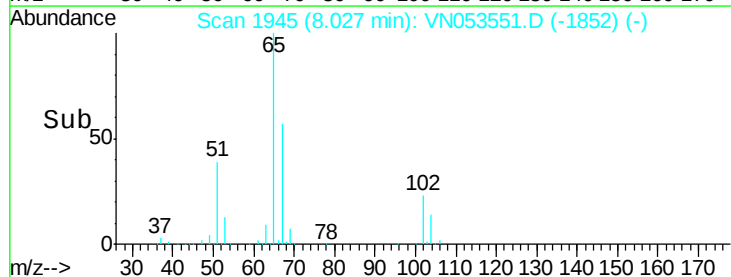
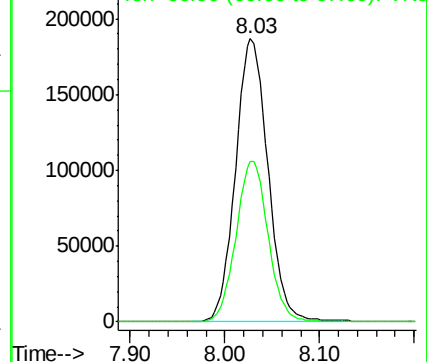
Ion Ratio Lower Upper

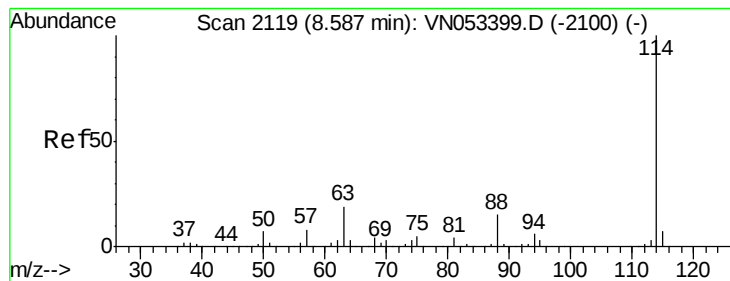
65 100

67 56.3 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053551.D

Acq: 28 Jan 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

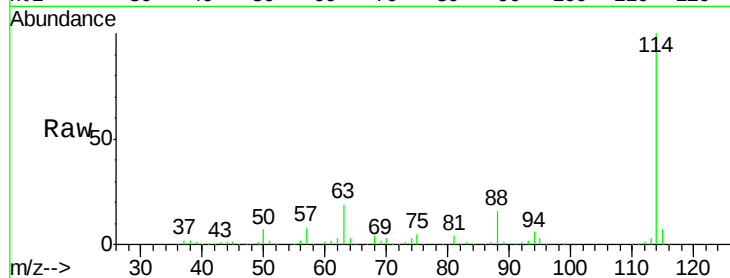
Tot Ion:114 Resp: 1398572

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.6

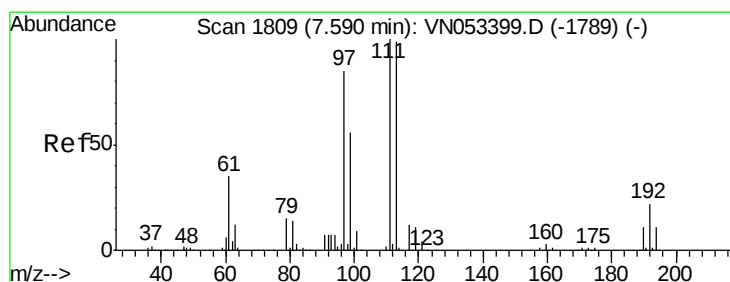
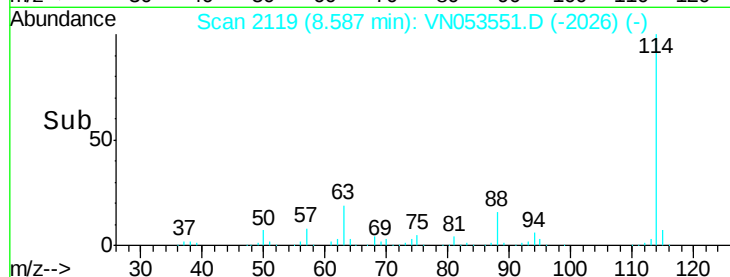
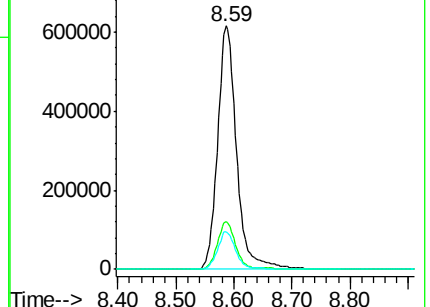
88 15.6 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053551.D

Acq: 28 Jan 2019 17:42

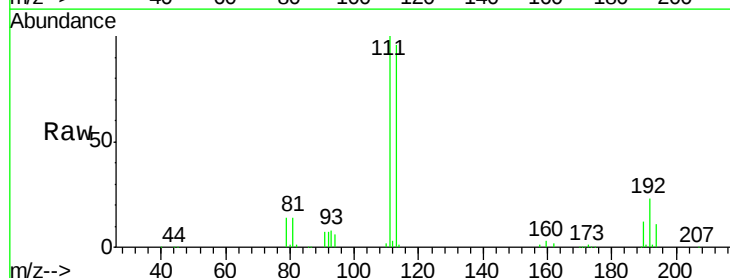
Tgt Ion:113 Resp: 436366

Ion Ratio Lower Upper

113 100

111 103.0 81.1 121.7

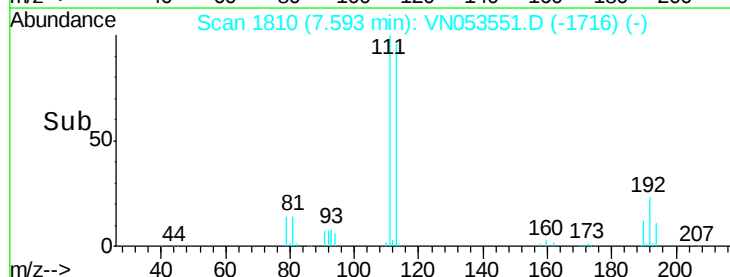
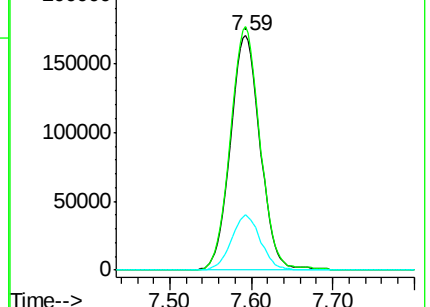
192 23.0 18.2 27.2

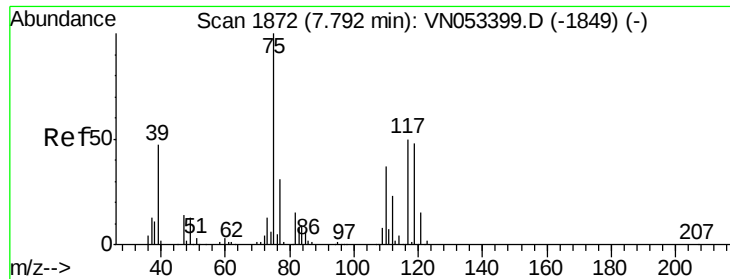


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.290 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. -0.12 min

Lab File: VN053551.D

Acq: 28 Jan 2019 17:42

Instrument :
MSVOA_N
ClientSampled :

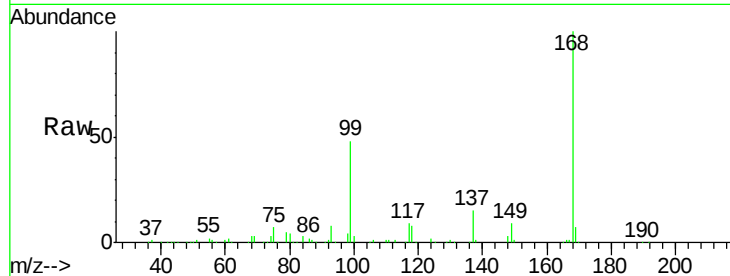
Tot Ion: 75 Resp: 54646

Ion Ratio Lower Upper

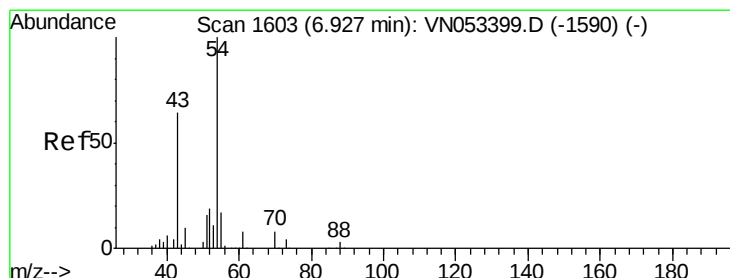
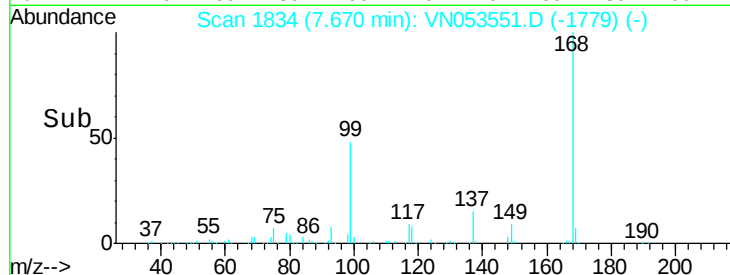
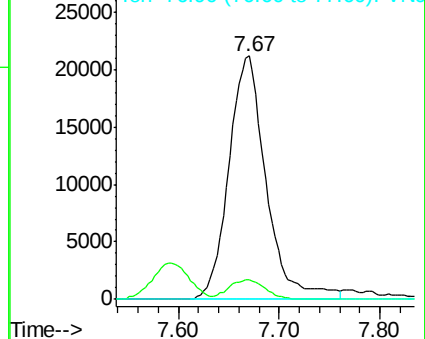
75 100

110 8.0 18.1 54.3#

77 0.0 25.1 37.7#



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



#37

Ethyl Acetate

Concen: 1.312 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. -0.08 min

Lab File: VN053551.D

Acq: 28 Jan 2019 17:42

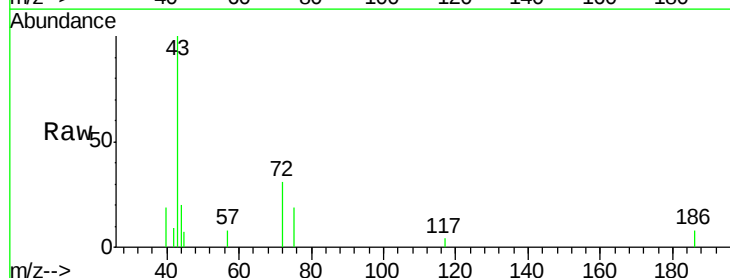
Tgt Ion: 43 Resp: 9615

Ion Ratio Lower Upper

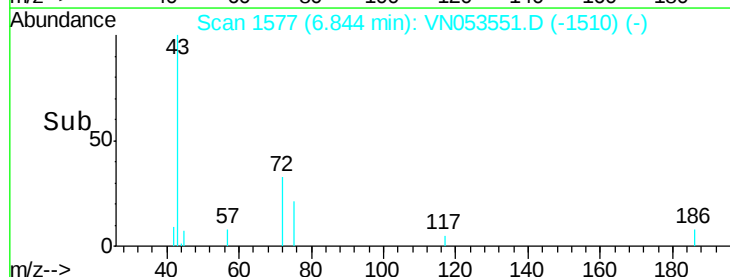
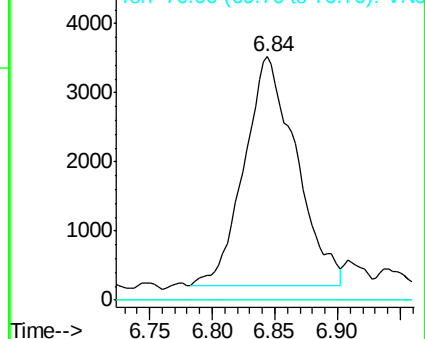
43 100

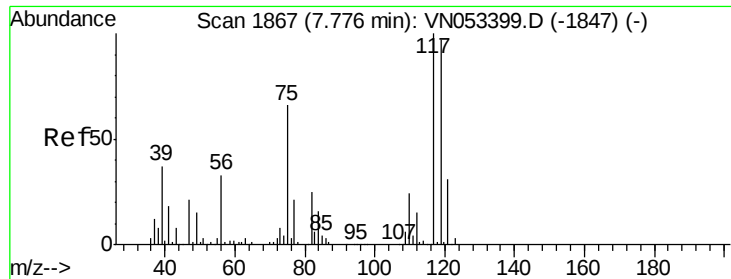
61 0.0 11.8 17.6#

70 0.0 8.6 12.8#



Abundance Ion 43.00 (42.70 to 43.70): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 70.00 (69.70 to 70.70): VNC

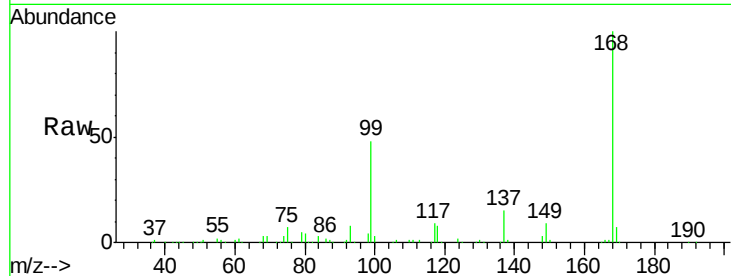




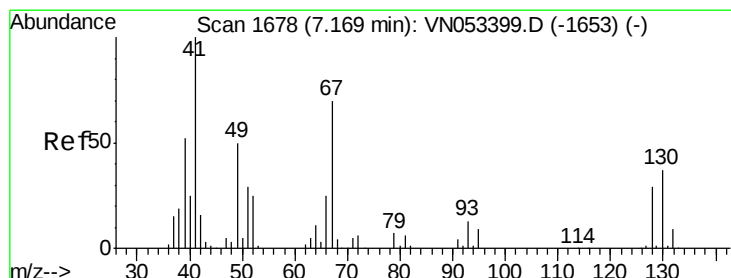
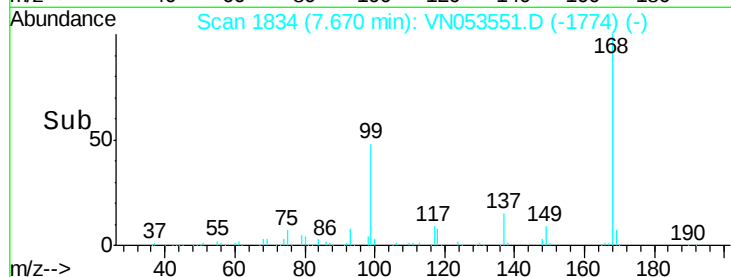
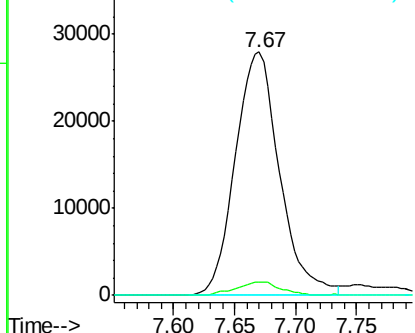
#38
Carbon Tetrachloride
Concen: 5.840 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. -0.11 min
Lab File: VN053551.D
Acq: 28 Jan 2019 17:42

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 70416
Ion Ratio Lower Upper
117 100
119 5.3 77.2 115.8#
121 0.0 24.6 37.0#

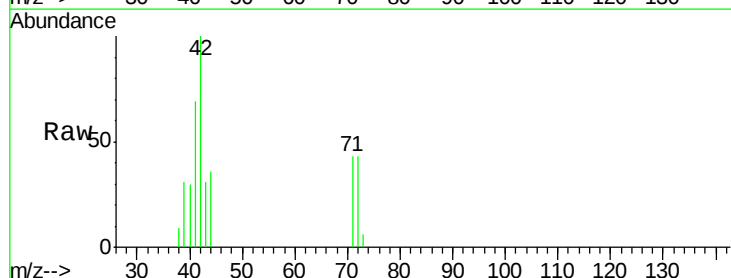


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

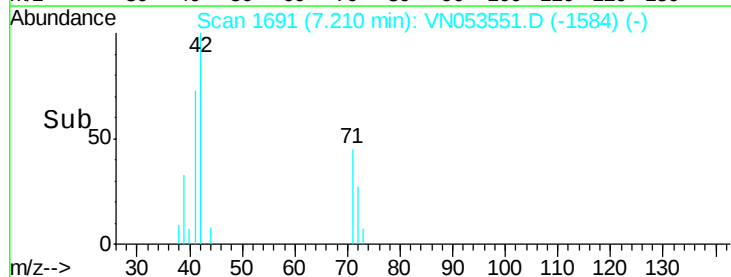
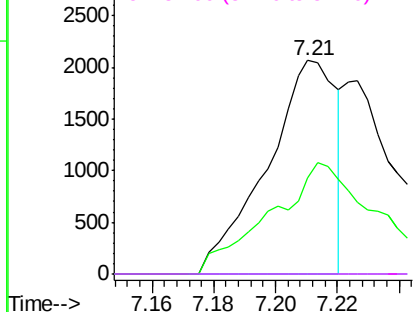


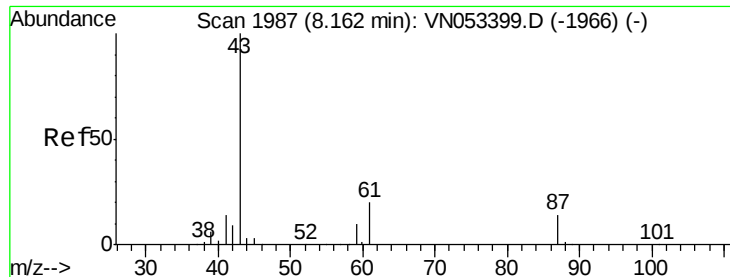
#41
Methacrylonitrile
Concen: 1.397 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.04 min
Lab File: VN053551.D
Acq: 28 Jan 2019 17:42

Tgt Ion: 41 Resp: 3221
Ion Ratio Lower Upper
41 100
39 81.2 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): 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: 33.901 ug/l

RT: 8.30 min Scan# 2030

Delta R.T. 0.14 min

Lab File: VN053551.D

Acq: 28 Jan 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

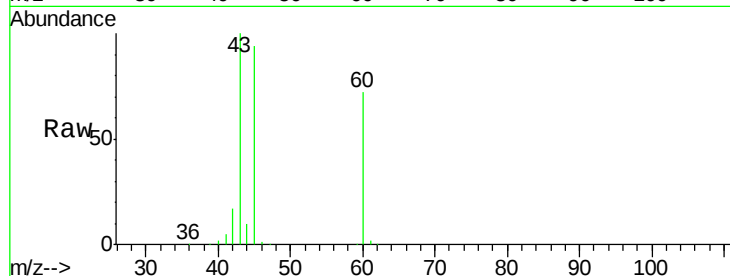
Tot Ion: 43 Resp: 446698

Ion Ratio Lower Upper

43 100

61 0.0 23.9 35.9#

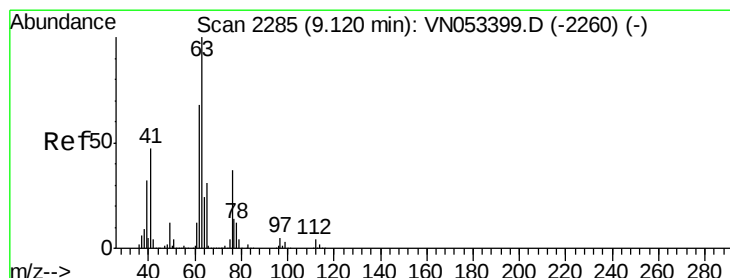
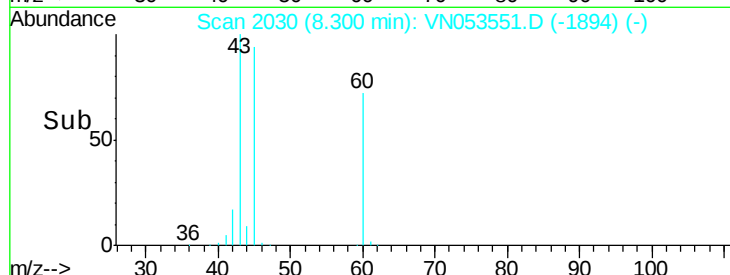
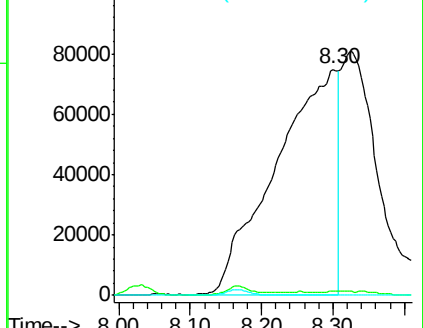
87 0.0 11.0 16.6#



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: 0.248 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN053551.D

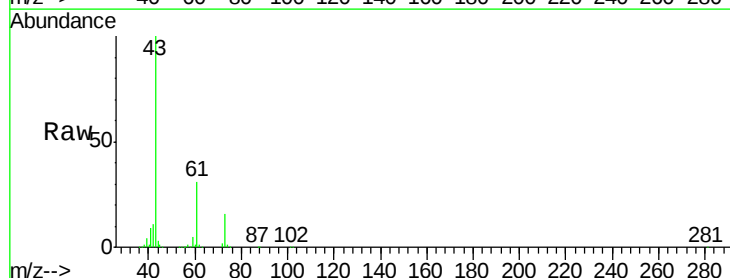
Acq: 28 Jan 2019 17:42

Tgt Ion: 63 Resp: 2546

Ion Ratio Lower Upper

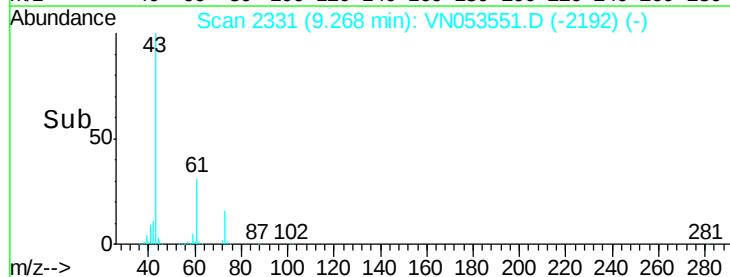
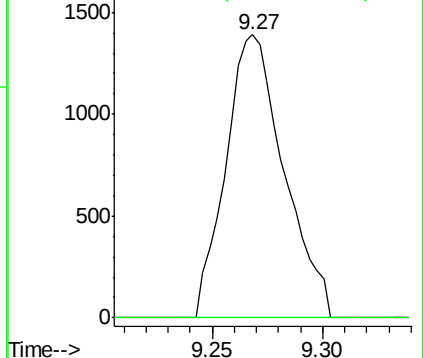
63 100

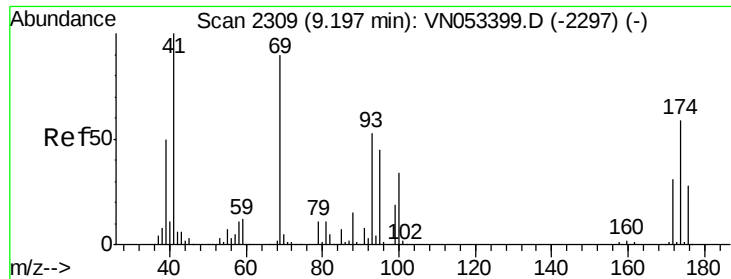
65 0.0 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

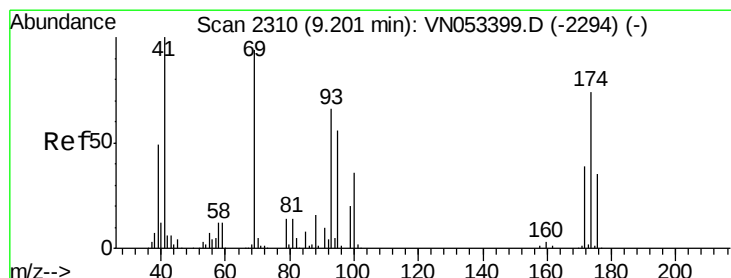
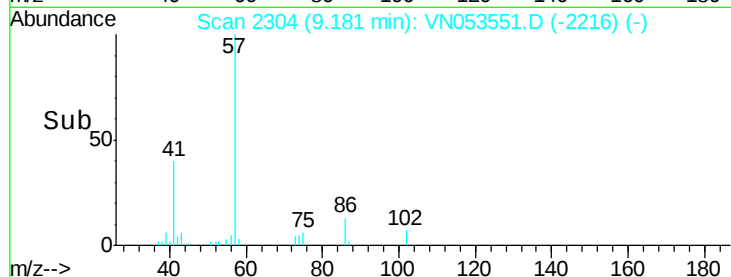
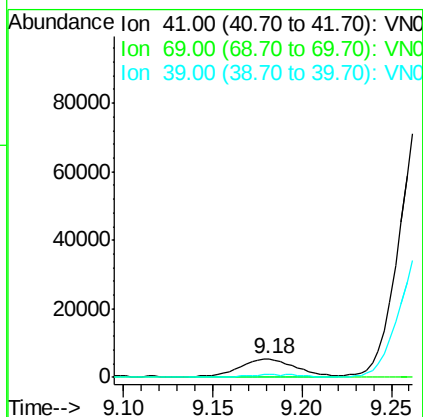
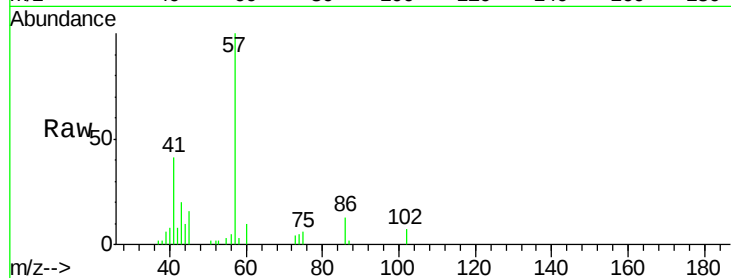




#48
Methvl methacrylate
Concen: 1.590 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN053551.D
Acq: 28 Jan 2019 17:42

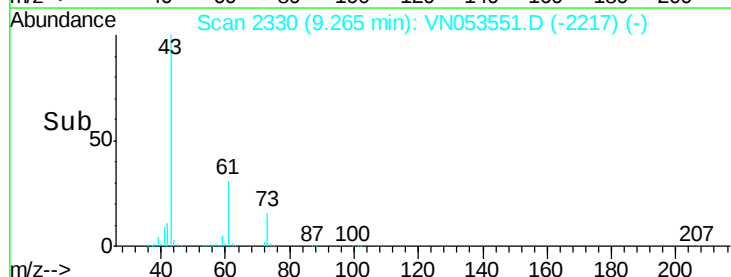
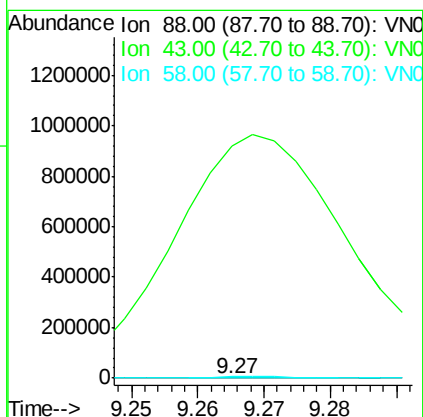
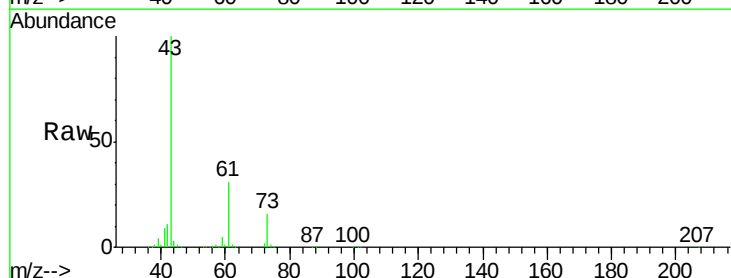
Instrument :
MSVOA_N
ClientSampled :

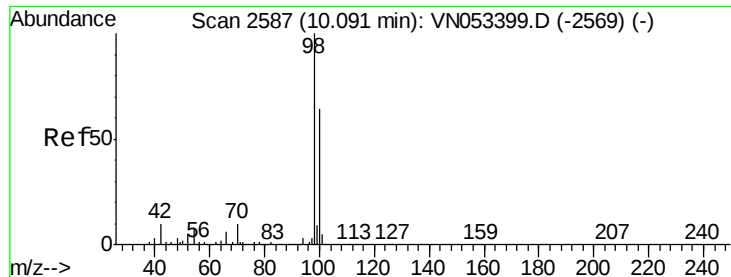
Tot Ion: 41 Resp: 10820
Ion Ratio Lower Upper
41 100
69 0.0 73.8 110.6#
39 0.0 40.0 60.0#



#49
1,4-Dioxane
Concen: 2.032 ug/l
RT: 9.27 min Scan# 2330
Delta R.T. 0.06 min
Lab File: VN053551.D
Acq: 28 Jan 2019 17:42

Tgt Ion: 88 Resp: 135
Ion Ratio Lower Upper
88 100
43 1441563.0 27.8 41.6#
58 6501.5 56.5 84.7#





#50

Toluene-d8

Concen: 2.032 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053551.D

Acq: 28 Jan 2019 17:42

Instrument :

MSVOA_N

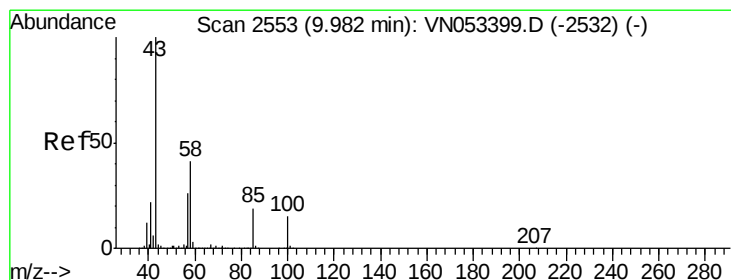
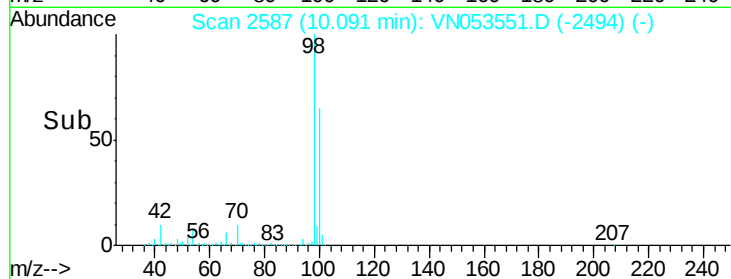
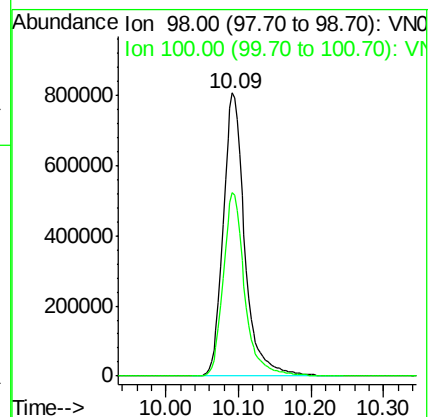
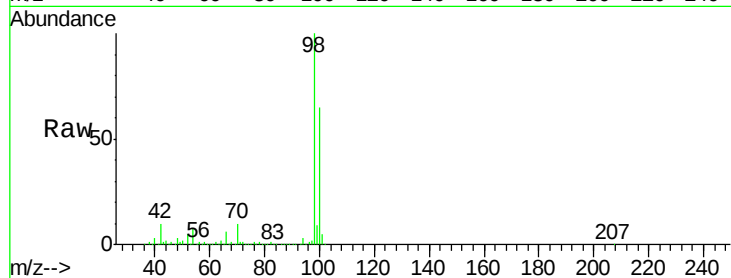
ClientSampleId :

Tot Ion: 98 Resp: 1660469

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.0



#51

4-Methyl-2-Pentanone

Concen: 1.552 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN053551.D

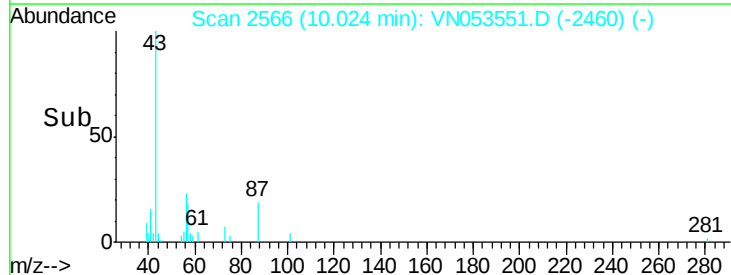
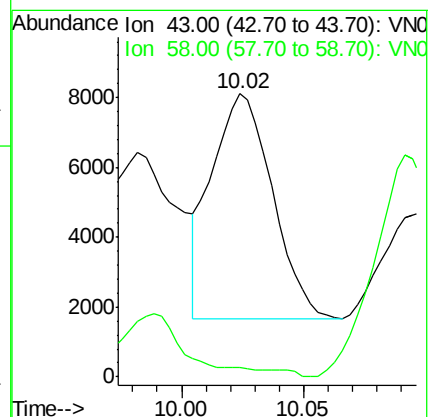
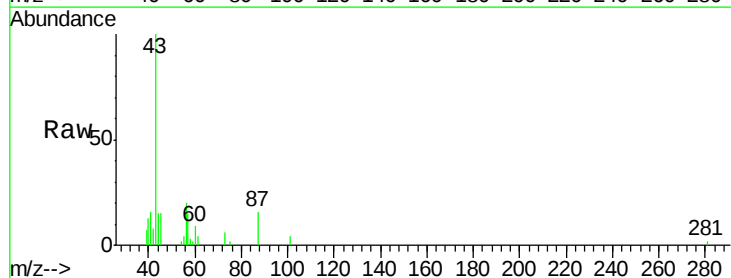
Acq: 28 Jan 2019 17:42

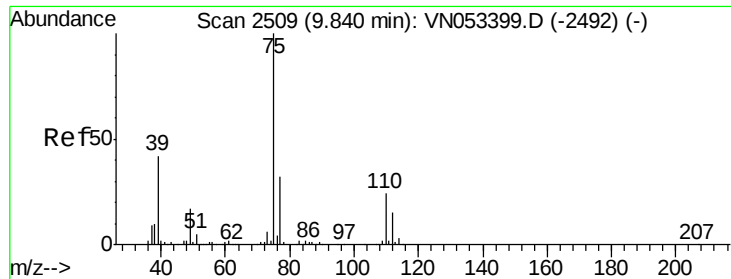
Tgt Ion: 43 Resp: 11166

Ion Ratio Lower Upper

43 100

58 0.0 32.8 49.2#



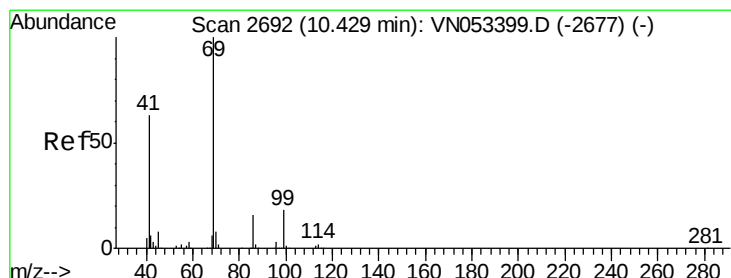
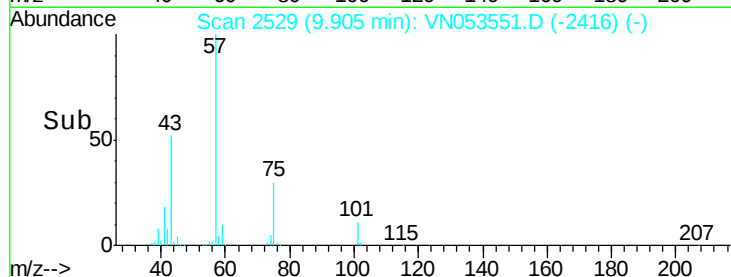
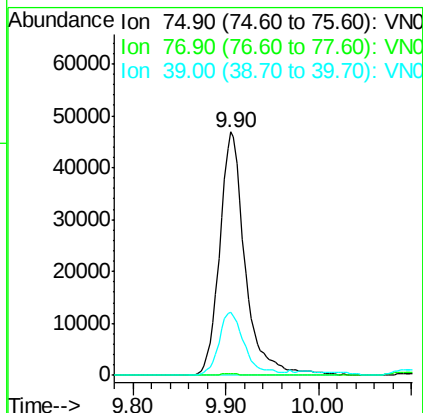
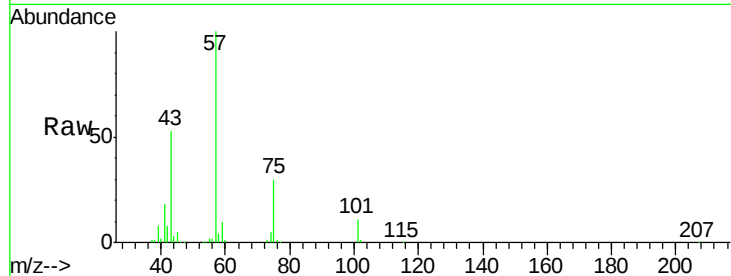


#54

cis-1,3-Dichloropropene
Concen: 6.081 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN053551.D
Acq: 28 Jan 2019 17:42

Instrument :
MSVOA_N
ClientSampled :

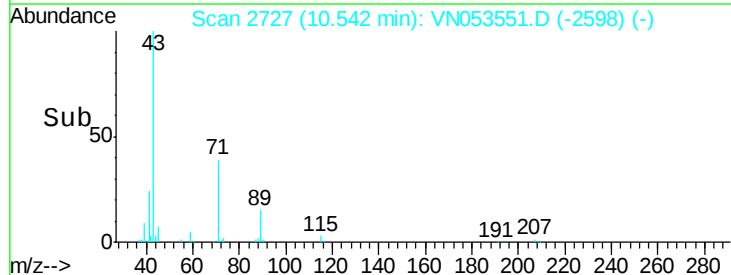
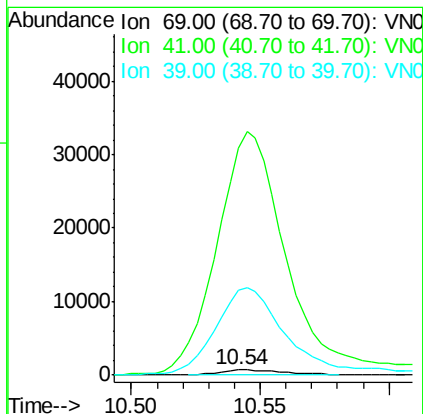
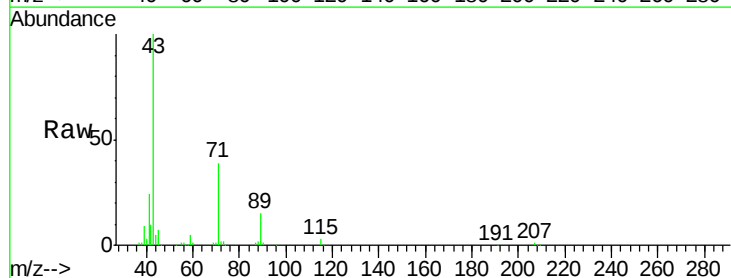
Tot Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.8	38.6#
39	25.7	33.4	50.0#

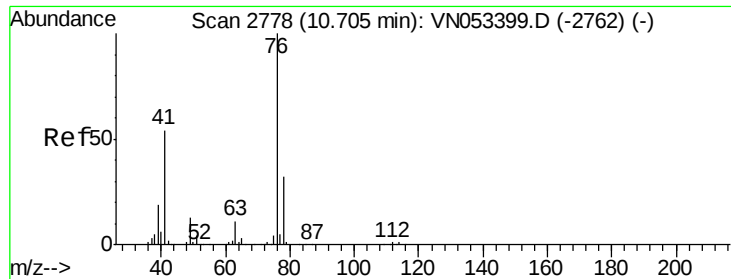


#56

Ethyl methacrylate
Concen: 2.157 ug/l
RT: 10.54 min Scan# 2727
Delta R.T. 0.11 min
Lab File: VN053551.D
Acq: 28 Jan 2019 17:42

Tgt Ion	Ratio	Lower	Upper
69	100		
41	5206.9	49.4	74.0#
39	1900.4	23.3	34.9#

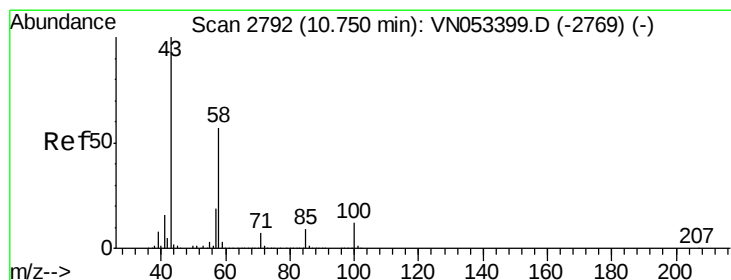
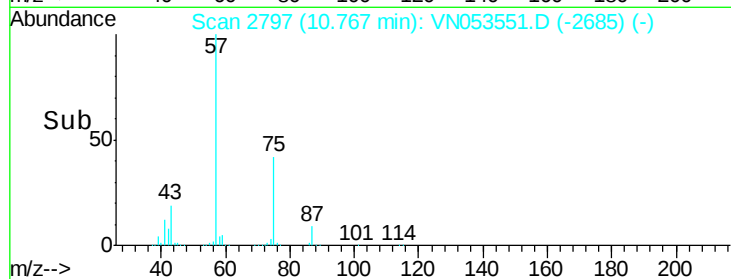
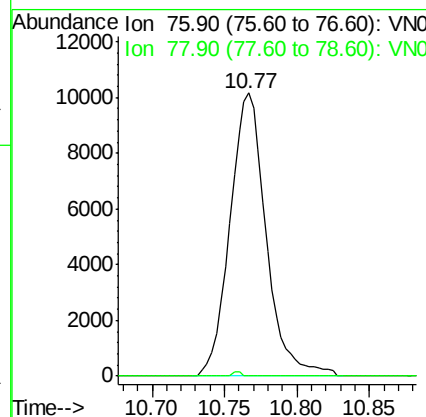
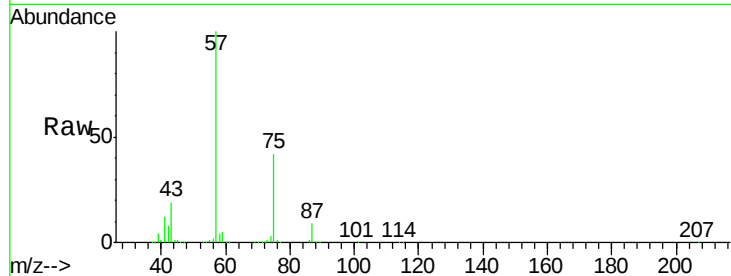




#57
 1,3-Dichloropropane
 Concen: 1.225 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.06 min
 Lab File: VN053551.D
 Acq: 28 Jan 2019 17:42

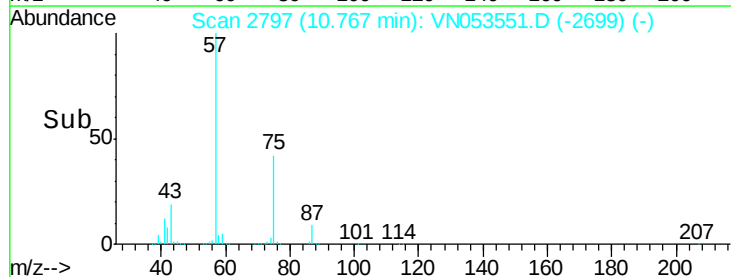
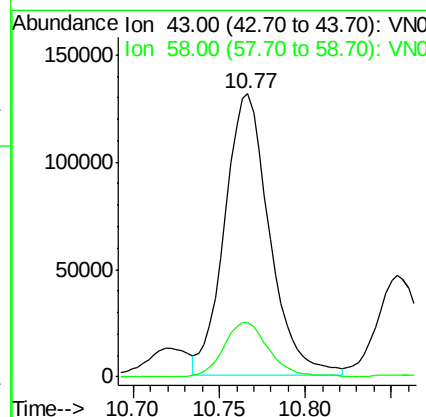
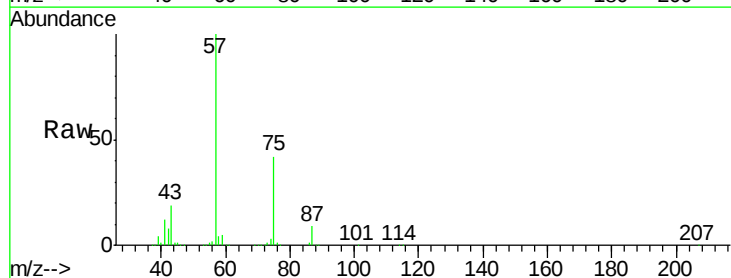
Instrument :
 MSVOA_N
 ClientSampleId :

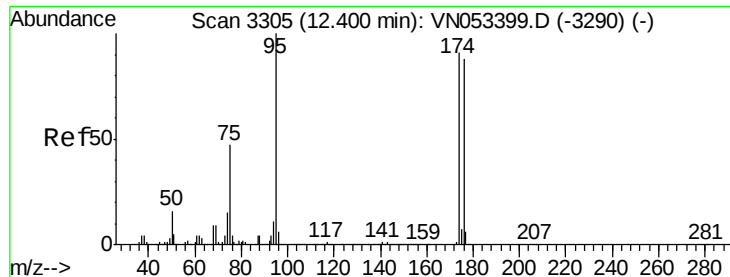
Tot Ion: 76 Resp: 17559
 Ion Ratio Lower Upper
 76 100
 78 0.4 25.6 38.4#



#59
 2-Hexanone
 Concen: 47.254 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.02 min
 Lab File: VN053551.D
 Acq: 28 Jan 2019 17:42

Tgt Ion: 43 Resp: 238604
 Ion Ratio Lower Upper
 43 100
 58 19.4 28.6 85.8#





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053551.D

Acq: 28 Jan 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

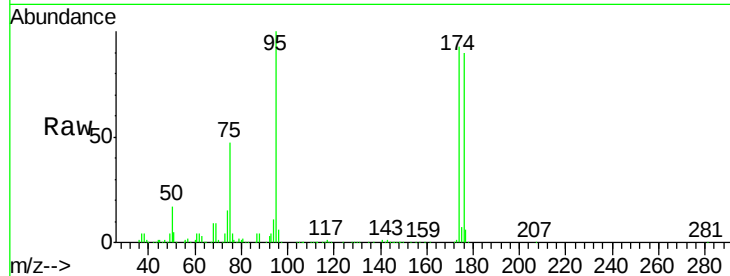
Tot Ion: 95 Resp: 547044

Ion Ratio Lower Upper

95 100

174 91.6 0.0 183.2

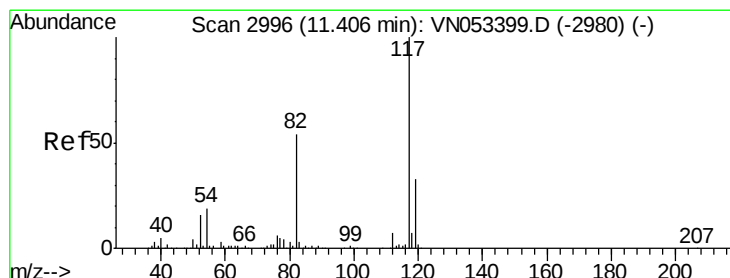
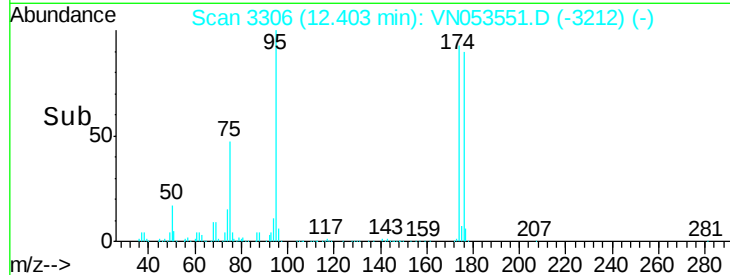
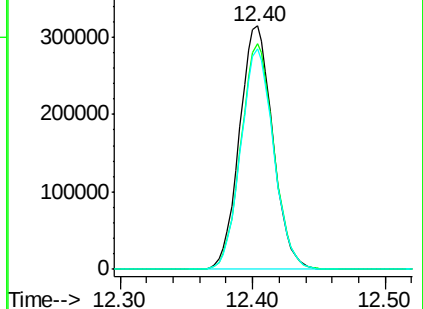
176 89.6 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053399.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN053399.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN053399.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053551.D

Acq: 28 Jan 2019 17:42

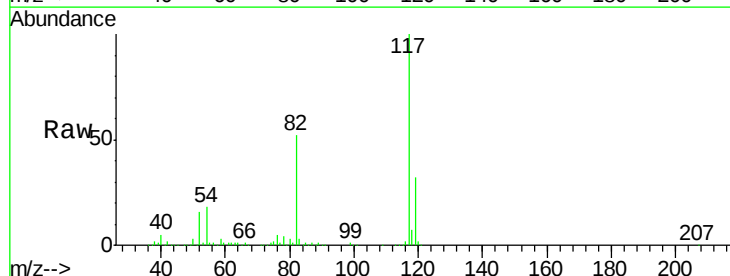
Tgt Ion: 117 Resp: 1244157

Ion Ratio Lower Upper

117 100

82 52.4 42.9 64.3

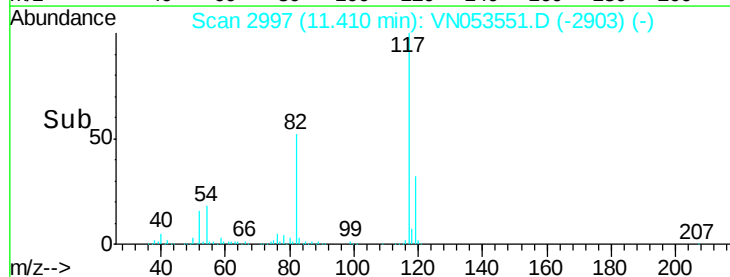
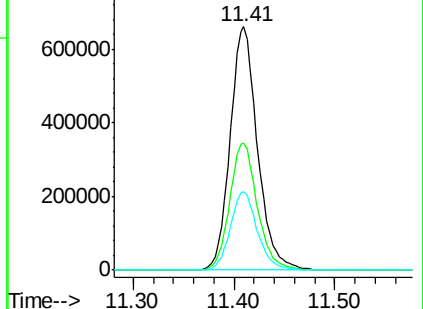
119 32.3 26.0 39.0

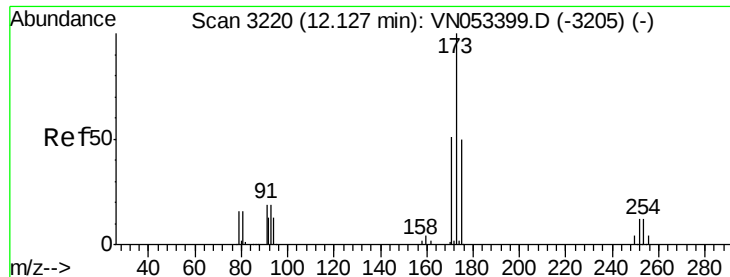


Abundance Ion 116.90 (116.60 to 117.60): VN053399.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053399.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053399.D (-2980) (-)

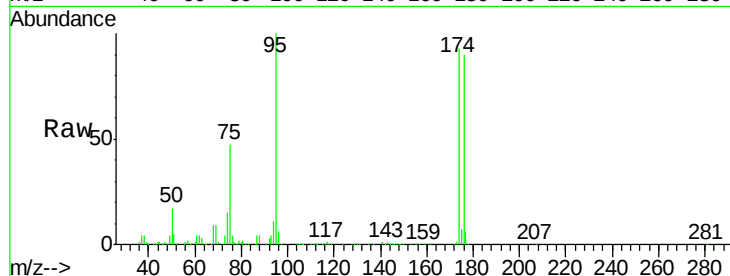




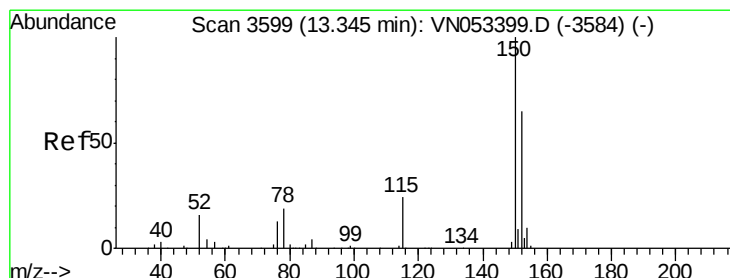
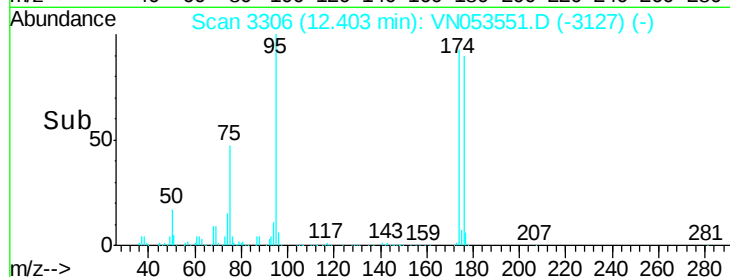
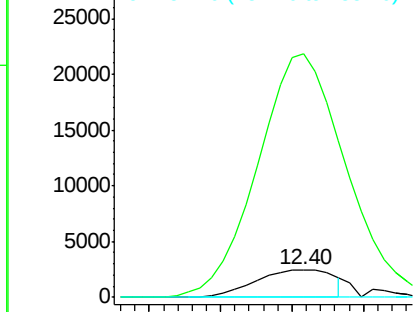
#71
Bromoform
Concen: 0.593 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN053551.D
Acq: 28 Jan 2019 17:42

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 3743
Ion Ratio Lower Upper
173 100
175 834.8 24.6 74.0#
254 0.0 0.2 0.2#

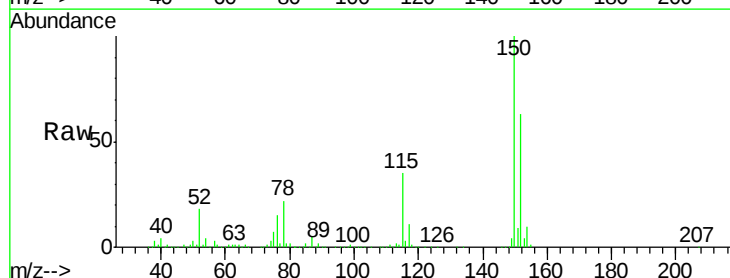


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

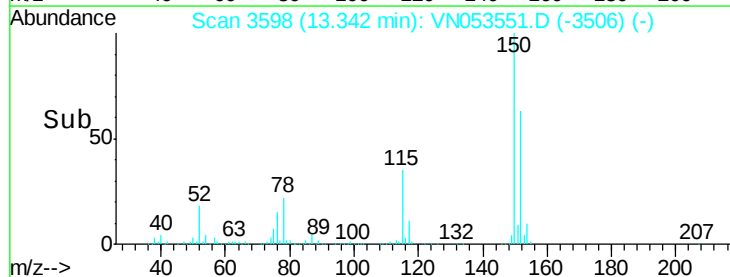
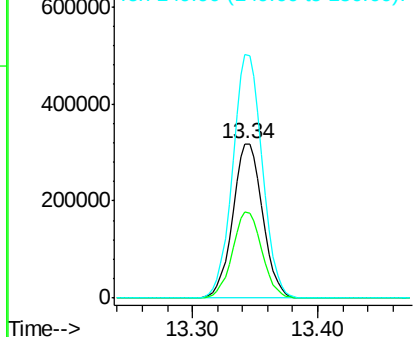


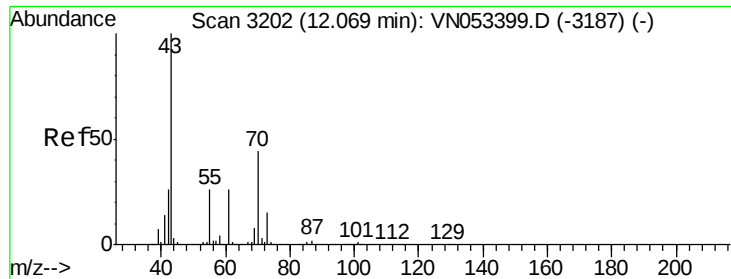
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053551.D
Acq: 28 Jan 2019 17:42

Tgt Ion:152 Resp: 524188
Ion Ratio Lower Upper
152 100
115 55.2 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





#74

N-amvl acetate

Concen: 2.645 ug/l

RT: 11.88 min Scan# 3143

Delta R.T. -0.19 min

Lab File: VN053551.D

Acq: 28 Jan 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 27067

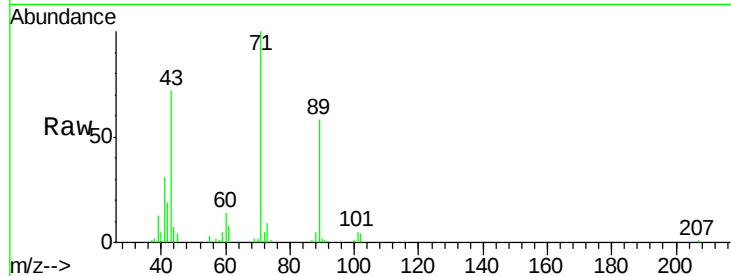
Ion Ratio Lower Upper

43 100

70 1.5 35.4 53.2#

55 4.1 20.9 31.3#

61 11.0 20.5 30.7#

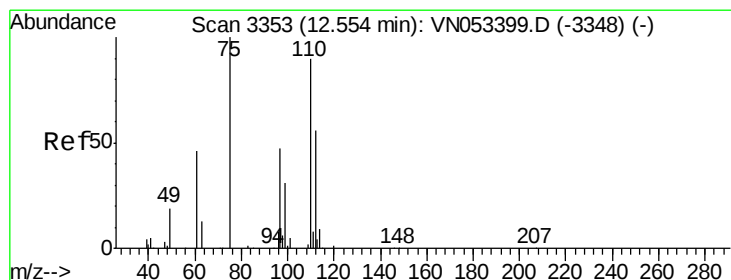
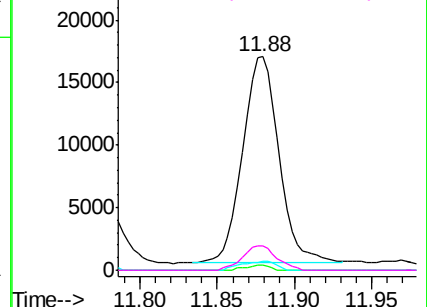
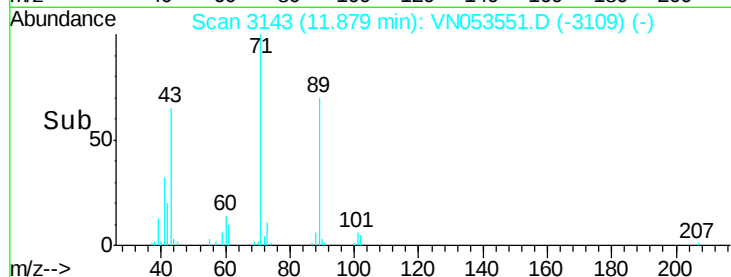


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#76

1,2,3-Trichloropropane

Concen: 36.798 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN053551.D

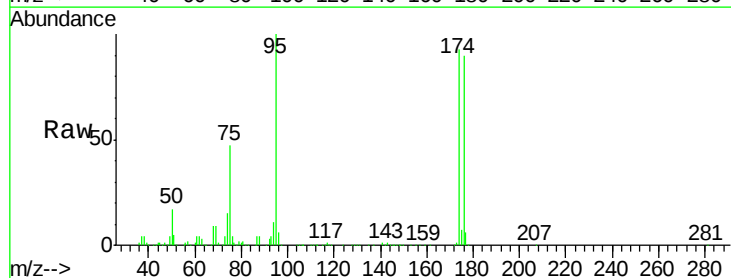
Acq: 28 Jan 2019 17:42

Tgt Ion: 75 Resp: 254190

Ion Ratio Lower Upper

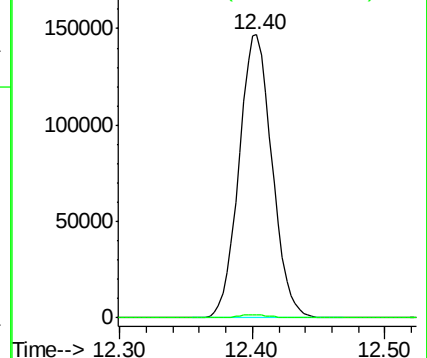
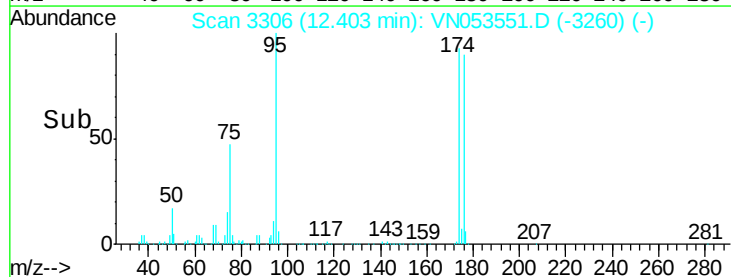
75 100

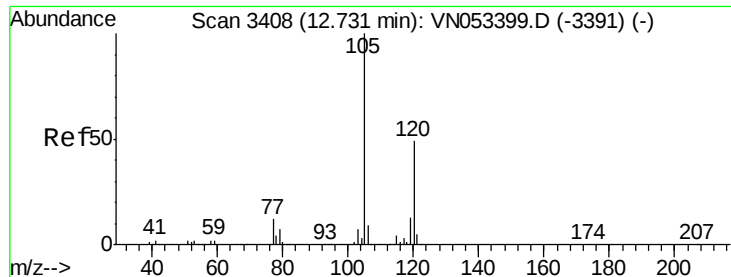
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#80

1,3,5-Trimethylbenzene

Concen: 0.387 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053551.D

Acq: 28 Jan 2019 17:42

Instrument :

MSVOA_N

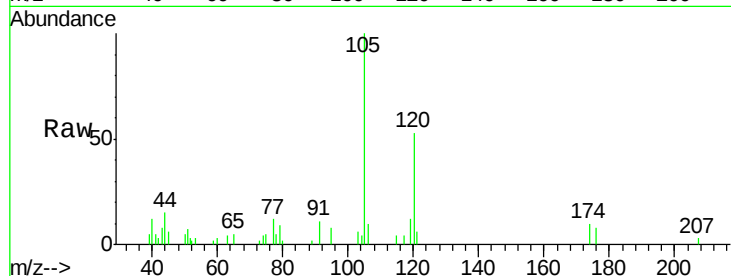
ClientSampleId :

Tot Ion:105 Resp: 12089

Ion Ratio Lower Upper

105 100

120 48.1 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

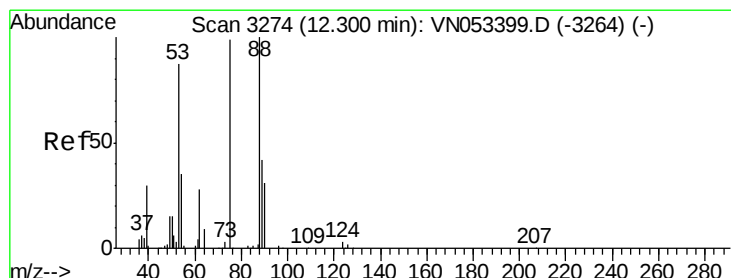
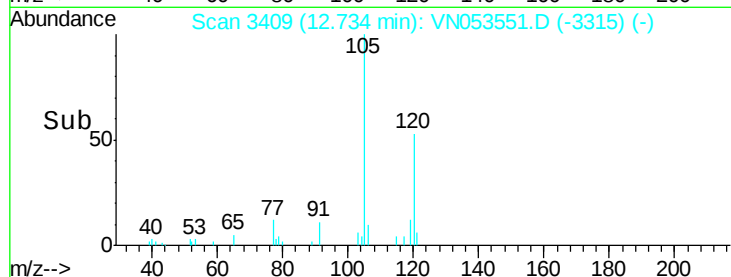
4000

2000

0

12.70 12.75

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 90.941 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN053551.D

Acq: 28 Jan 2019 17:42

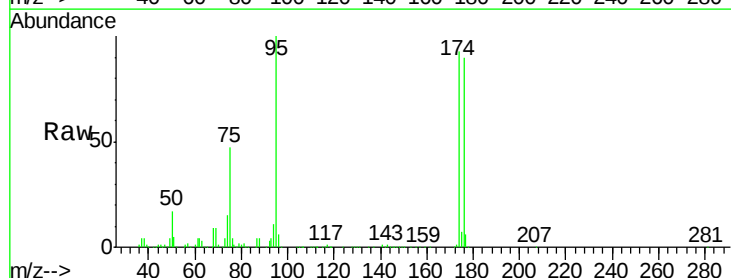
Tgt Ion: 75 Resp: 254190

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): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

200000

150000

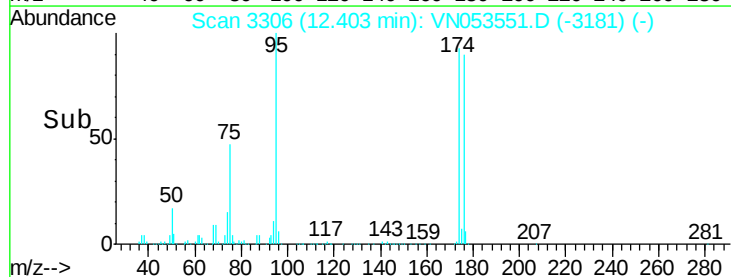
100000

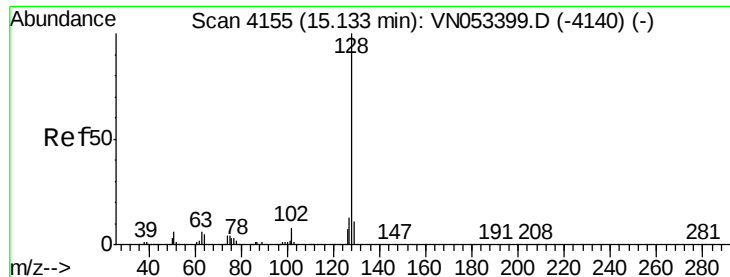
50000

0

12.30 12.40 12.50

Time-->





#95

Naphthalene

Concen: 3.959 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

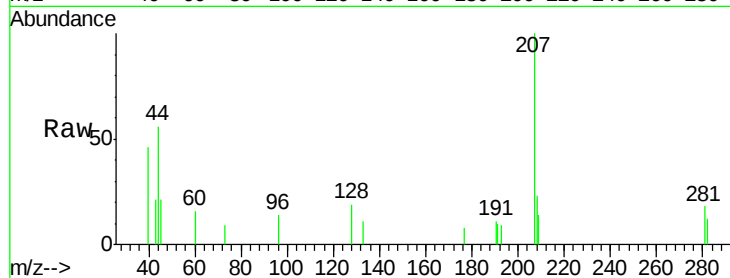
Lab File: VN053551.D

Acq: 28 Jan 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :



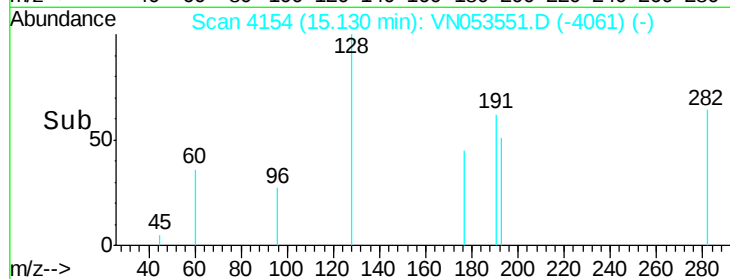
Tot Ion:128 Resp: 283

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 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

