

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020119\
 Data File : VN053581.D
 Acq On : 1 Feb 2019 17:22
 Operator : JC/SP
 Sample : K1011-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-013119-A

Quant Time: Feb 01 22:51:52 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	788910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1237523	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1142933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	489674	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	397468	50.22	ug/l	0.00
Spiked Amount			Recovery	=	100.44%	
35) Dibromofluoromethane	7.59	113	391449	50.06	ug/l	0.00
Spiked Amount			Recovery	=	100.12%	
50) Toluene-d8	10.09	98	1497752	51.01	ug/l	0.00
Spiked Amount			Recovery	=	102.02%	
62) 4-Bromofluorobenzene	12.40	95	506092	51.68	ug/l	0.00
Spiked Amount			Recovery	=	103.36%	

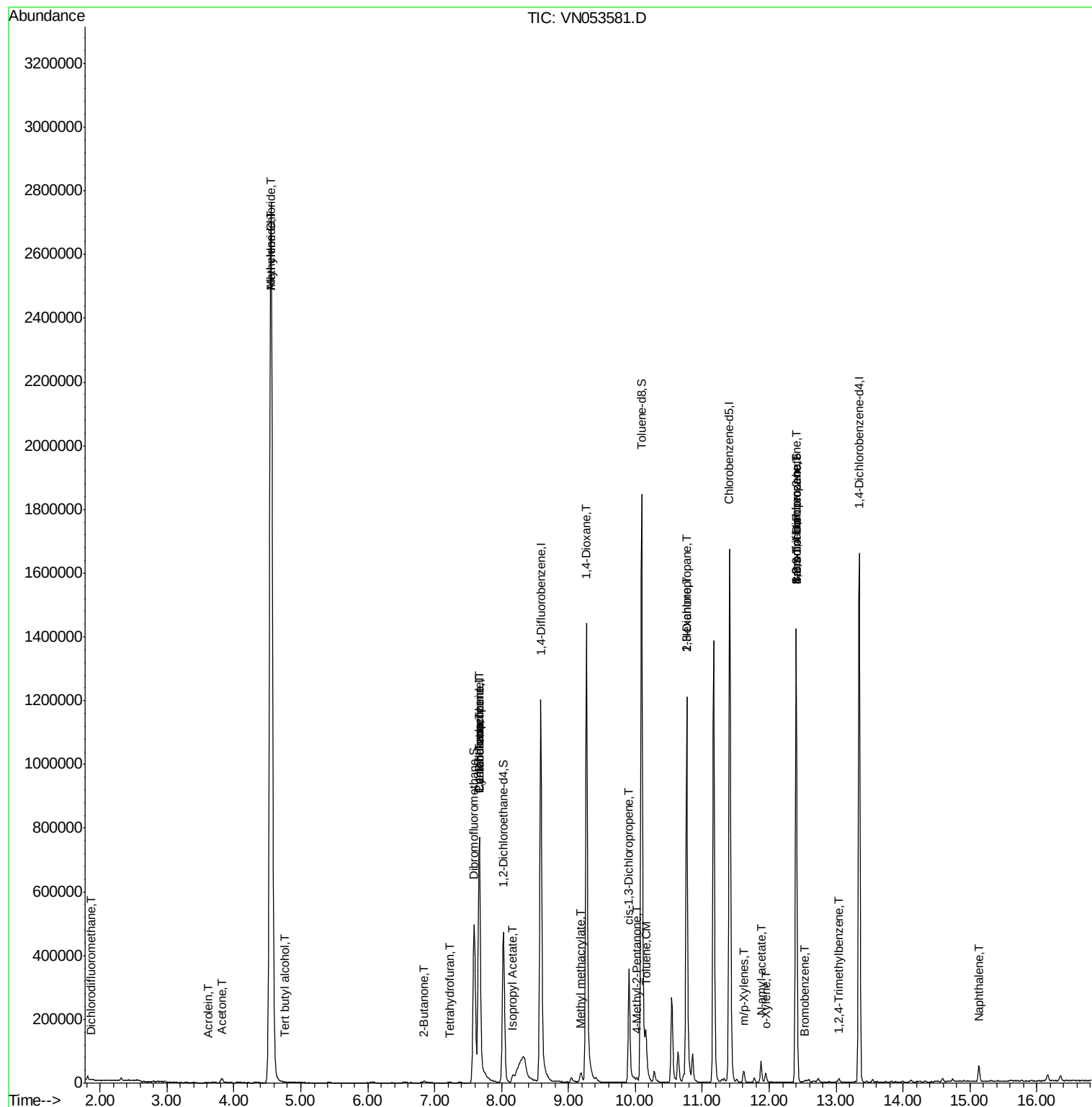
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	174	0.357	ug/l #	42
11) Tert butyl alcohol	4.77	59	216	0.461	ug/l #	72
13) Acrolein	3.61	56	63	0.247	ug/l #	66
14) Allyl chloride	4.55	41	80499	6.921	ug/l #	27
16) Acetone	3.82	43	23715	11.682	ug/l	95
20) Methylene Chloride	4.55	84	2216281	260.224	ug/l	99
25) 2-Butanone	6.84	43	4222	1.458	ug/l	98
29) Tetrahydrofuran	7.22	42	1134	0.610	ug/l #	53
31) Cyclohexane	7.67	56	11560	0.697	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	47177	4.229	ug/l #	49
38) Carbon Tetrachloride	7.67	117	61261	5.451	ug/l #	16
43) Isopropyl Acetate	8.17	43	31136	2.588	ug/l #	84
48) Methyl methacrylate	9.18	41	11465	1.996	ug/l #	23
49) 1,4-Dioxane	9.27	88	120	40.484	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	9540	1.613	ug/l #	34
52) Toluene	10.16	92	57015	2.793	ug/l	98
54) cis-1,3-Dichloropropene	9.90	75	77523	5.924	ug/l #	62
57) 1,3-Dichloropropane	10.76	76	14155	1.126	ug/l #	43
59) 2-Hexanone	10.77	43	186745	46.524	ug/l #	50
68) m/p-Xylenes	11.62	106	12992	0.854	ug/l	100
69) o-Xylene	11.95	106	5924	0.403	ug/l	97
71) Bromoform	12.40	173	2871	0.494	ug/l #	1
74) N-amyl acetate	11.88	43	20331	2.456	ug/l #	51
76) 1,2,3-Trichloropropane	12.40	75	237602	37.777	ug/l #	100
77) Bromobenzene	12.53	156	3488	0.376	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.40	75	237602	106.226	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	8351	0.287	ug/l	96
95) Naphthalene	15.13	128	45096	3.760	ug/l	99

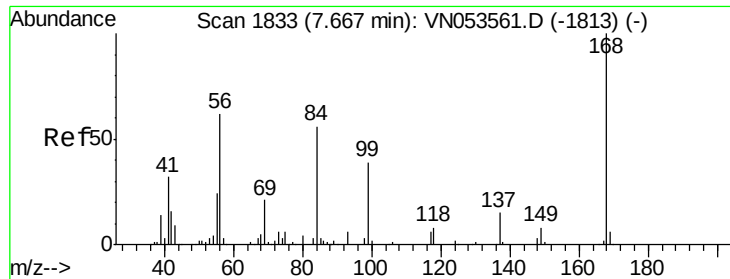
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 01 09:11:52 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: VN053581.D

Acq: 1 Feb 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

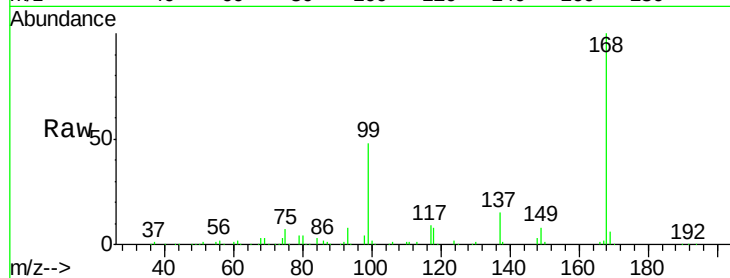
OR-02-013119-A

Tot Ion:168 Resp: 788910

Ion Ratio Lower Upper

168 100

99 47.7 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

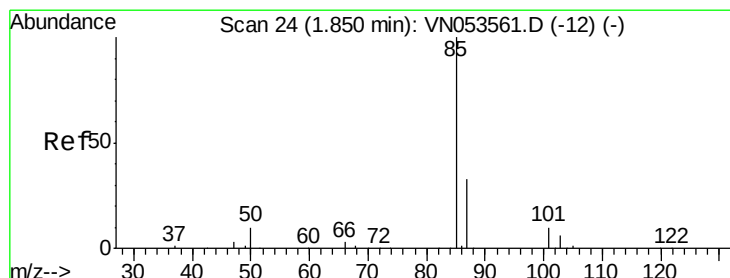
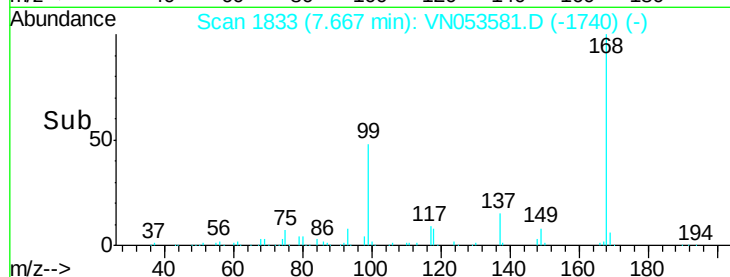
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.357 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN053581.D

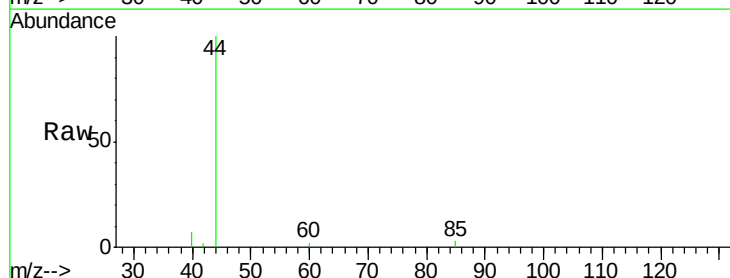
Acq: 1 Feb 2019 17:22

Tgt Ion: 85 Resp: 174

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

250

200

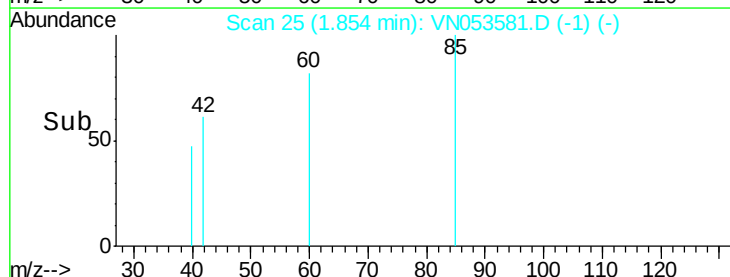
150

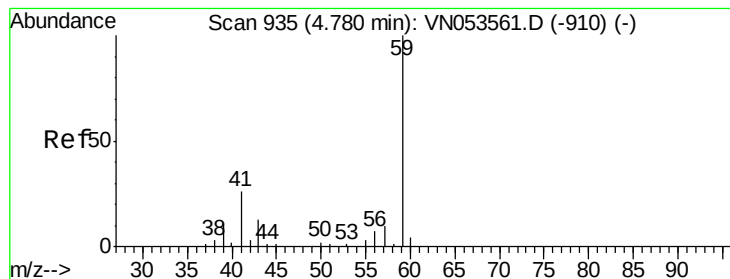
100

50

0

Time-->





#11

Tert butyl alcohol

Concen: 0.461 ug/l

RT: 4.77 min Scan# 932

Delta R.T. -0.01 min

Lab File: VN053581.D

Acq: 1 Feb 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

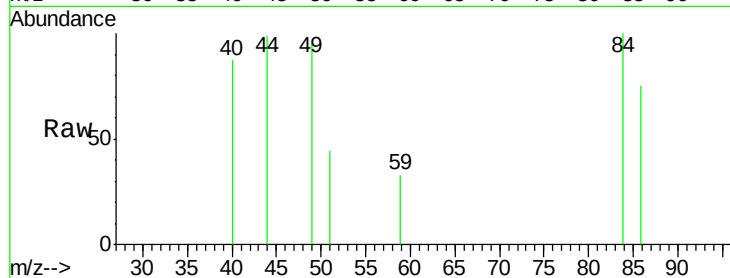
OR-02-013119-A

Tot Ion: 59 Resp: 216

Ion Ratio Lower Upper

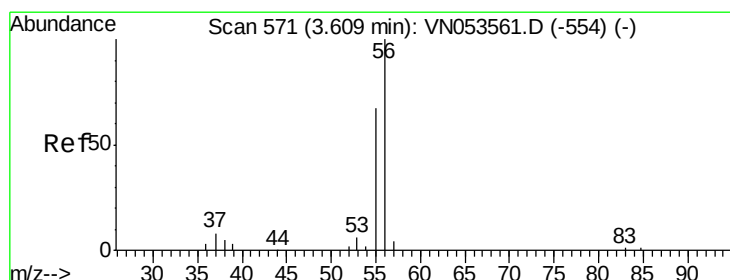
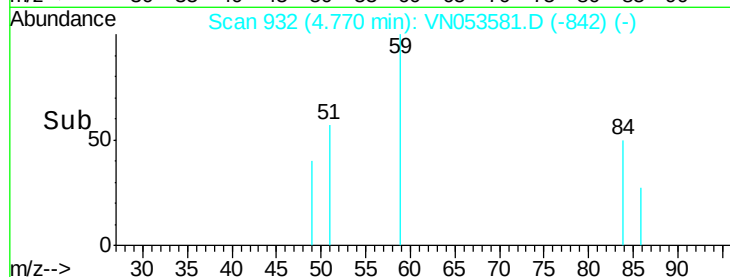
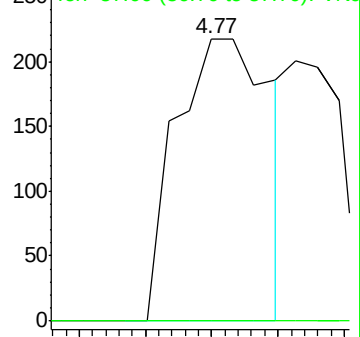
59 100

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



#13

Acrolein

Concen: 0.247 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.00 min

Lab File: VN053581.D

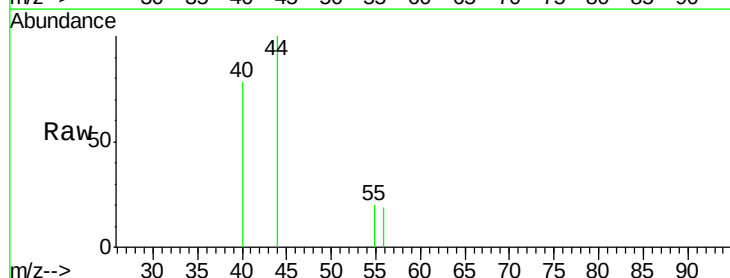
Acq: 1 Feb 2019 17:22

Tgt Ion: 56 Resp: 63

Ion Ratio Lower Upper

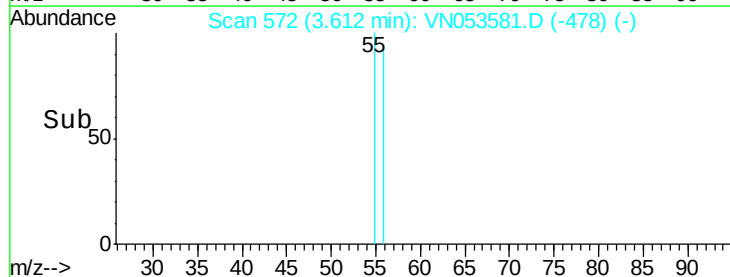
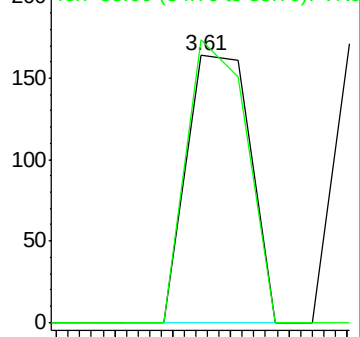
56 100

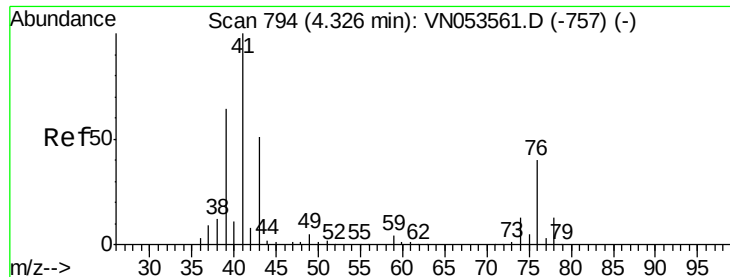
55 100.0 57.4 86.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0





#14

Allvl chloride

Concen: 6.921 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.23 min

Lab File: VN053581.D

Acq: 1 Feb 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

OR-02-013119-A

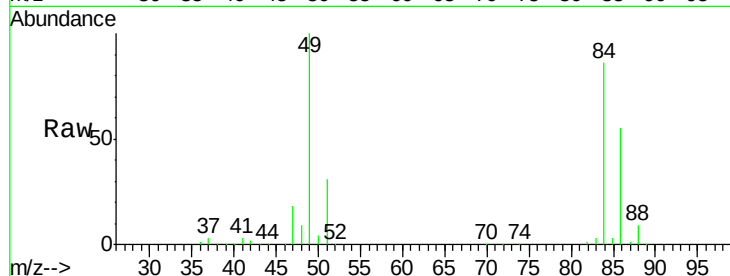
Tot Ion: 41 Resp: 80499

Ion Ratio Lower Upper

41 100

39 0.6 48.9 73.3#

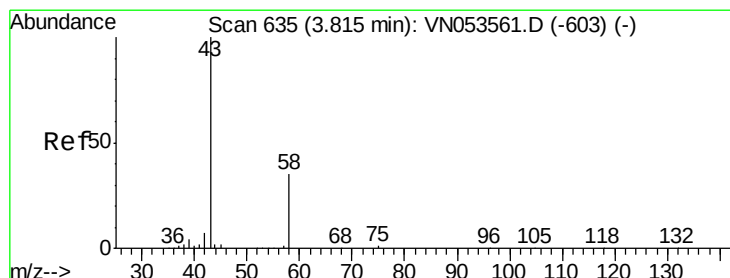
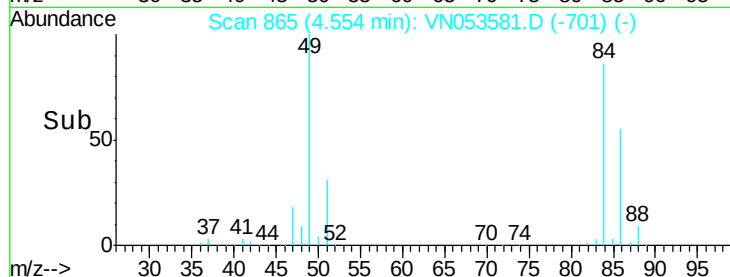
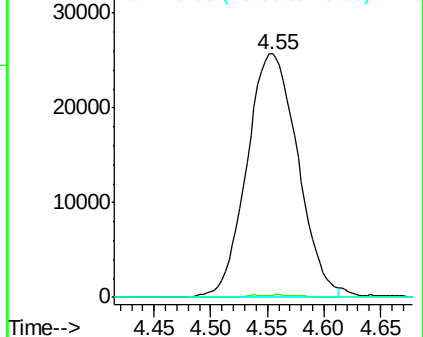
76 0.0 29.4 44.2#



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: 11.682 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053581.D

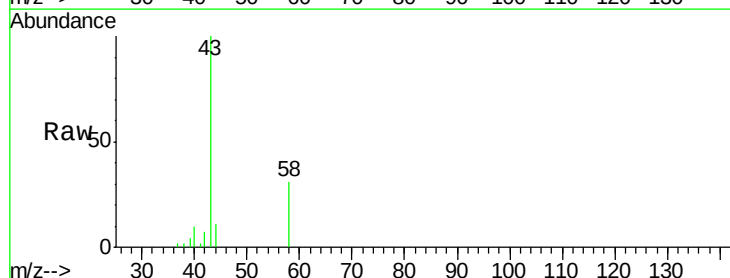
Acq: 1 Feb 2019 17:22

Tgt Ion: 43 Resp: 23715

Ion Ratio Lower Upper

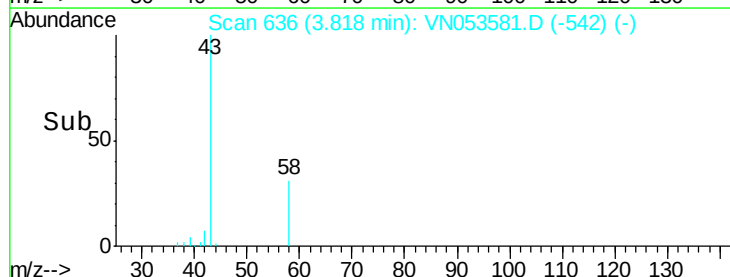
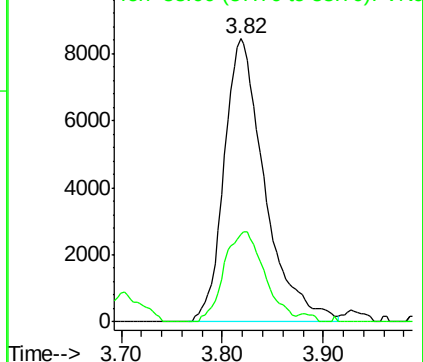
43 100

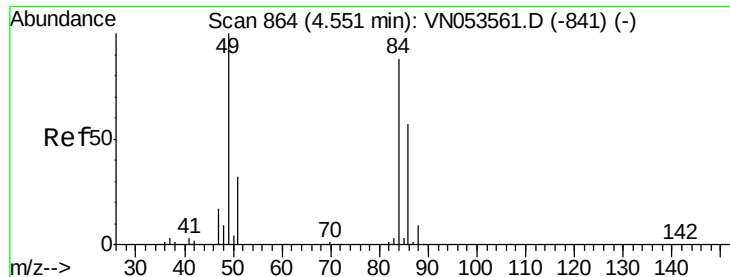
58 30.8 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



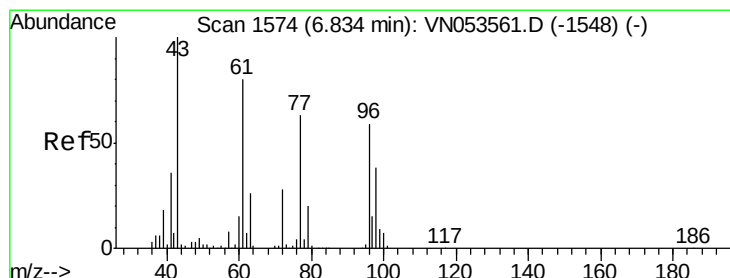
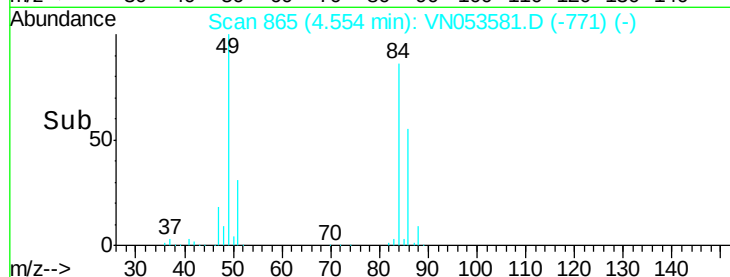
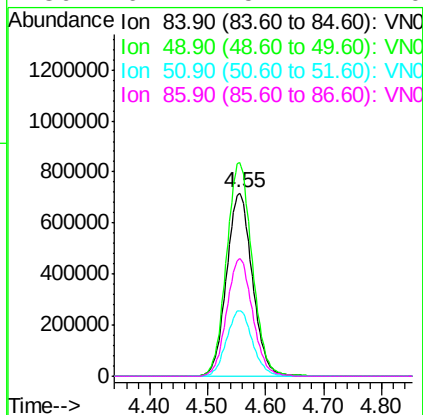
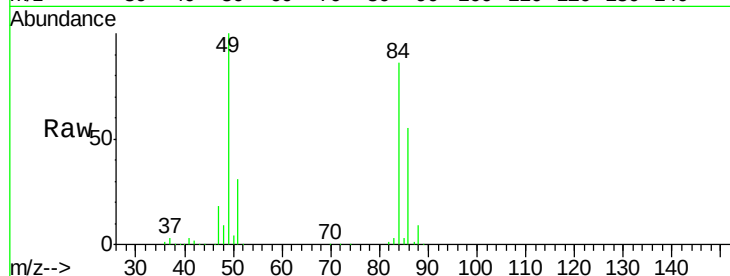


#20
Methvlene Chloride
Concen: 260.224 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053581.D
Acq: 1 Feb 2019 17:22

Instrument :
MSVOA_N
ClientSampleId :
OR-02-013119-A

Tot Ion: 84 Resp: 2216281

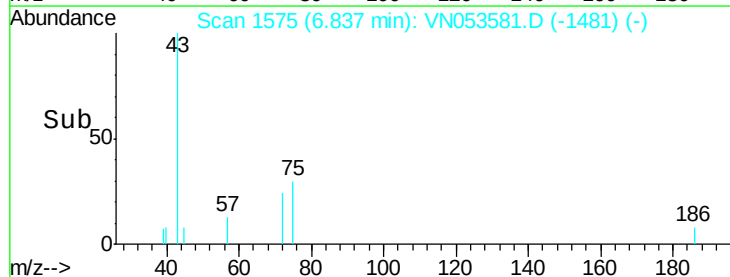
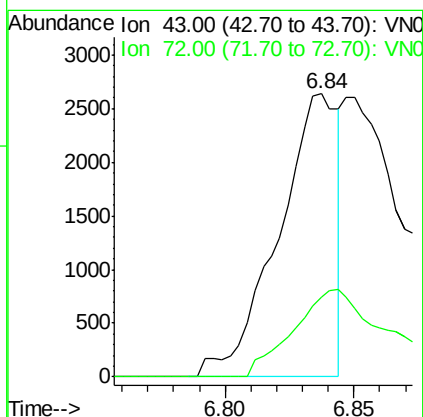
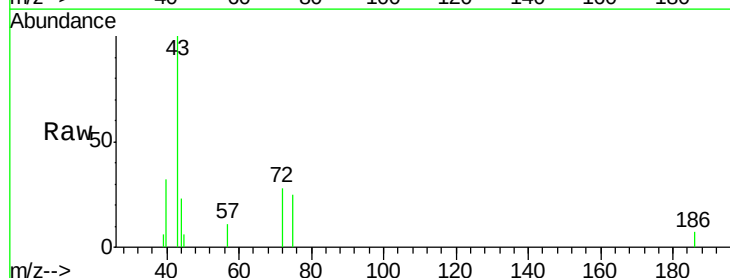
Ion	Ratio	Lower	Upper
84	100		
49	116.6	94.3	141.5
51	36.0	29.4	44.2
86	64.1	51.4	77.0

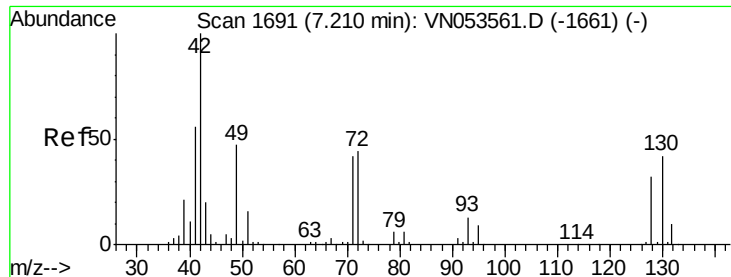


#25
2-Butanone
Concen: 1.458 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN053581.D
Acq: 1 Feb 2019 17:22

Tgt Ion: 43 Resp: 4222

Ion	Ratio	Lower	Upper
43	100		
72	28.4	22.0	33.0

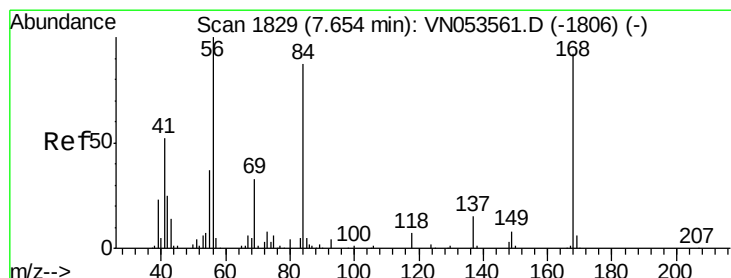
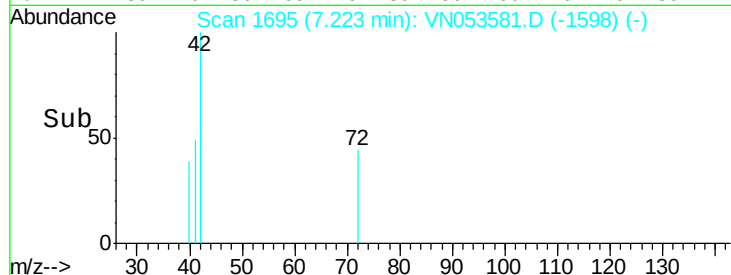
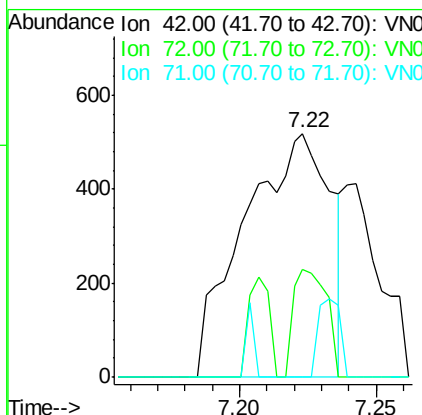
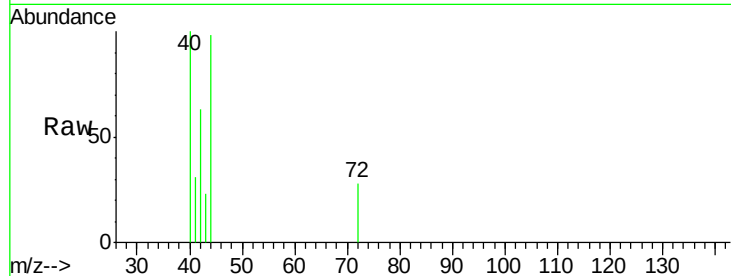




#29
Tetrahydrofuran
Concen: 0.610 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VN053581.D
Acq: 1 Feb 2019 17:22

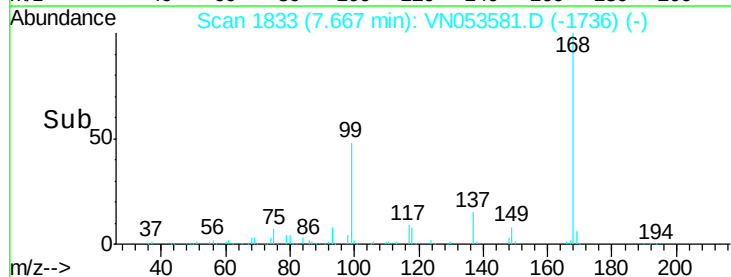
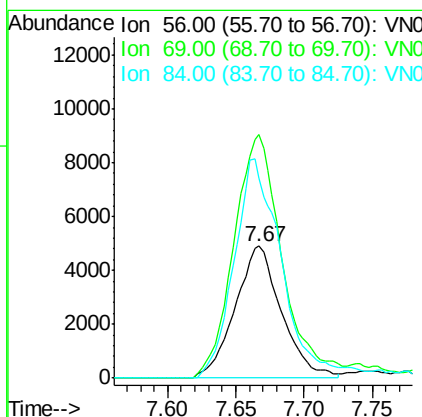
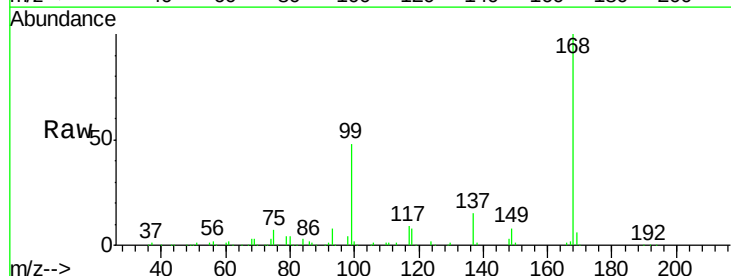
Instrument :
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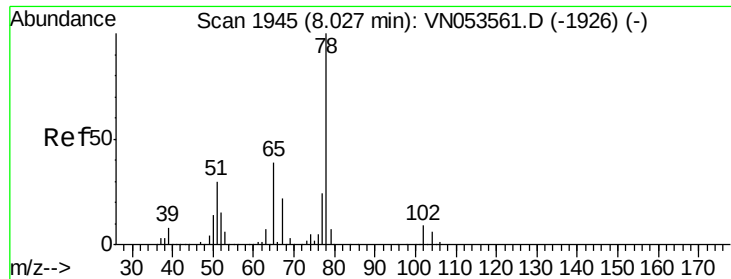
Tot Ion: 42 Resp: 1134
Ion Ratio Lower Upper
42 100
72 17.1 35.2 52.8#
71 8.0 33.0 49.4#



#31
Cyclohexane
Concen: 0.697 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN053581.D
Acq: 1 Feb 2019 17:22

Tgt Ion: 56 Resp: 11560
Ion Ratio Lower Upper
56 100
69 184.3 26.4 39.6#
84 151.3 67.9 101.9#

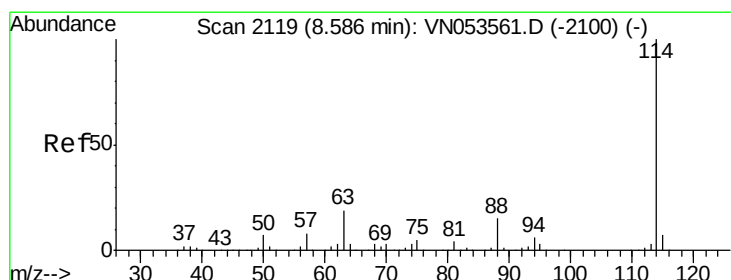
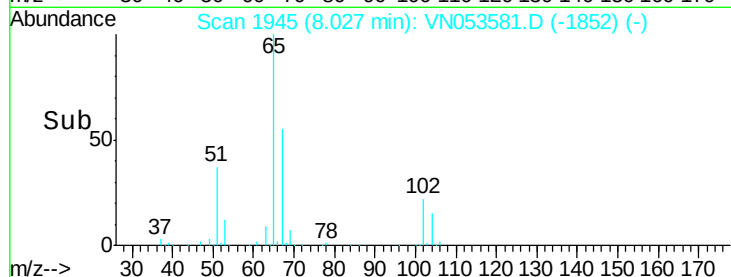
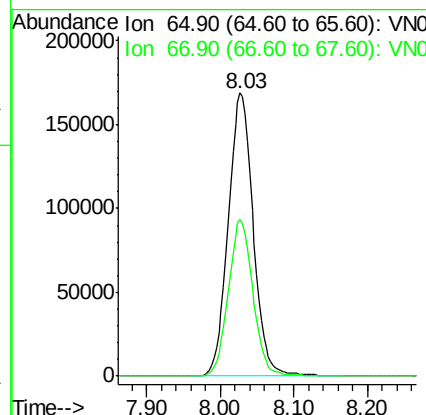
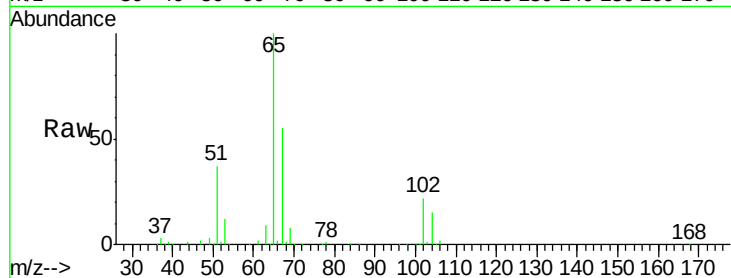




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053581.D
 Acq: 1 Feb 2019 17:22

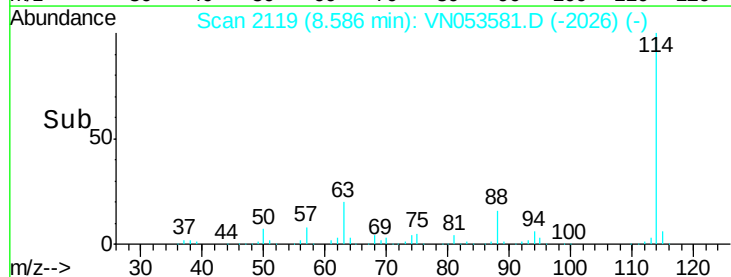
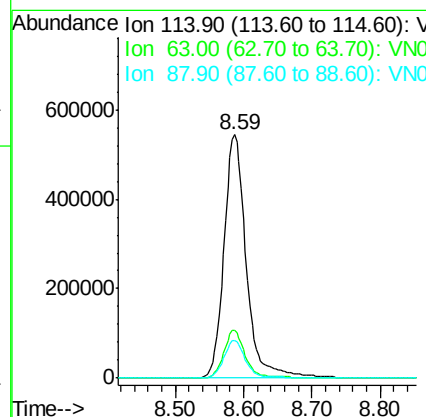
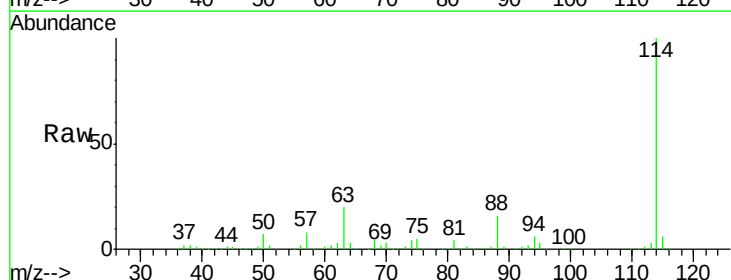
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-013119-A

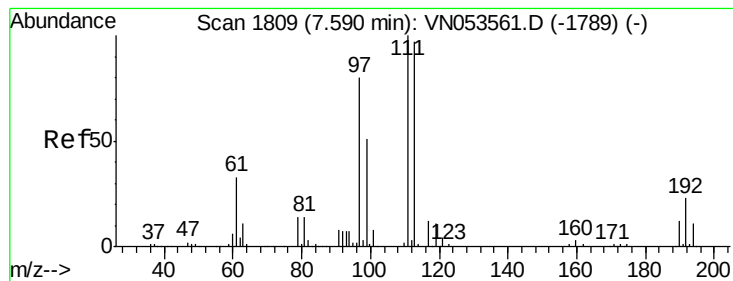
Tot Ion: 65 Resp: 397468
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN053581.D
 Acq: 1 Feb 2019 17:22

Tgt Ion: 114 Resp: 1237523
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.6
 88 15.6 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN053581.D

Acq: 1 Feb 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

OR-02-013119-A

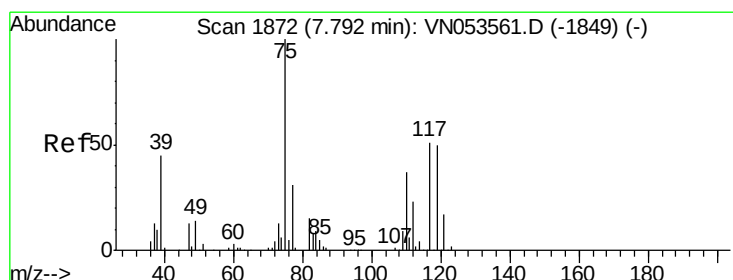
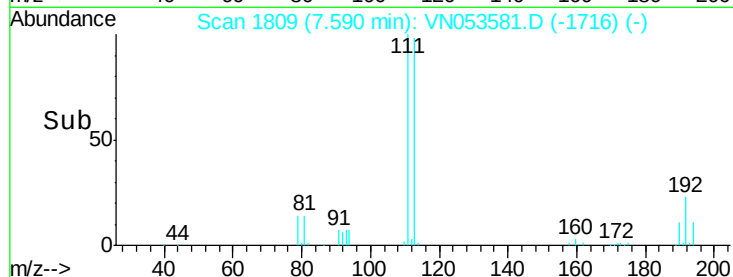
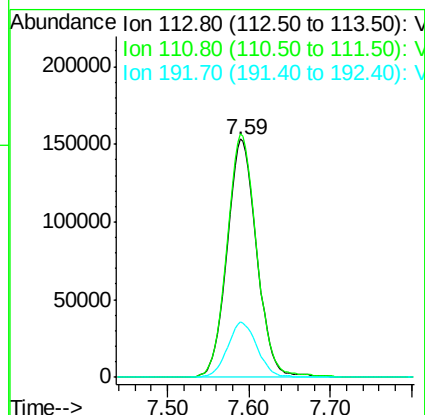
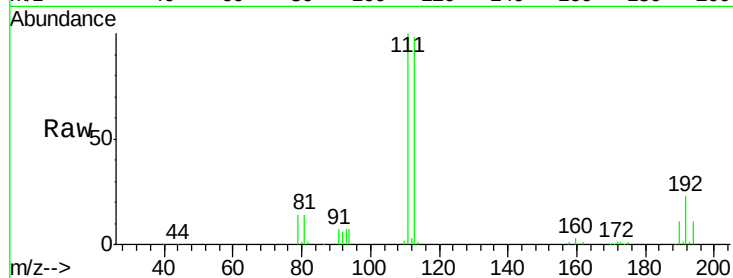
Tot Ion:113 Resp: 391449

Ion Ratio Lower Upper

113 100

111 102.1 81.1 121.7

192 23.1 18.2 27.2



#36

1,1-Dichloropropene

Concen: 4.229 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN053581.D

Acq: 1 Feb 2019 17:22

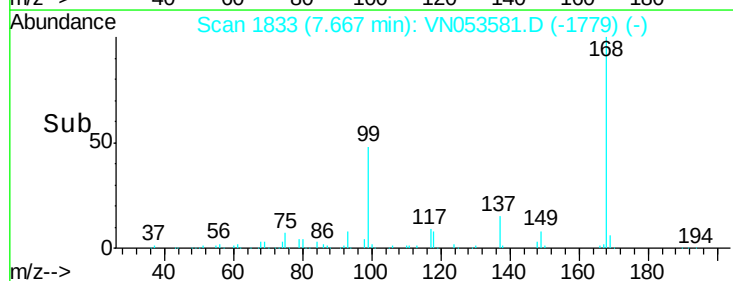
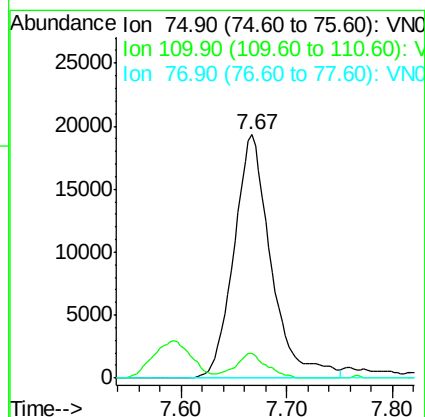
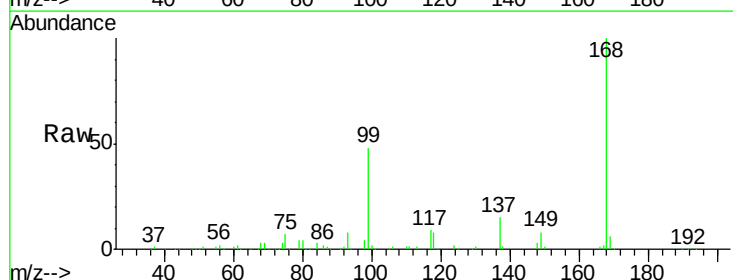
Tgt Ion: 75 Resp: 47177

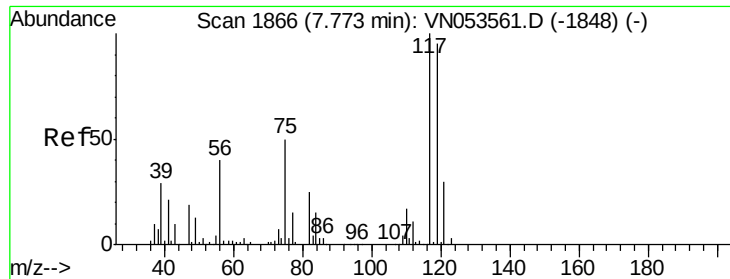
Ion Ratio Lower Upper

75 100

110 8.6 18.1 54.3#

77 0.0 25.1 37.7#

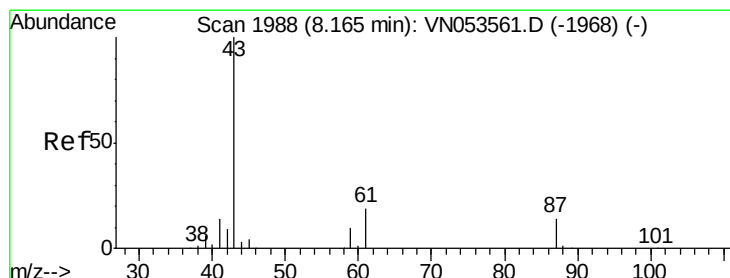
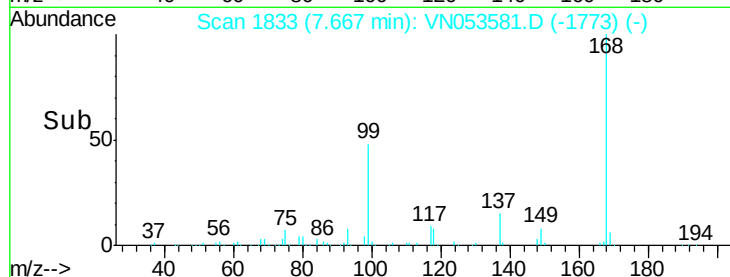
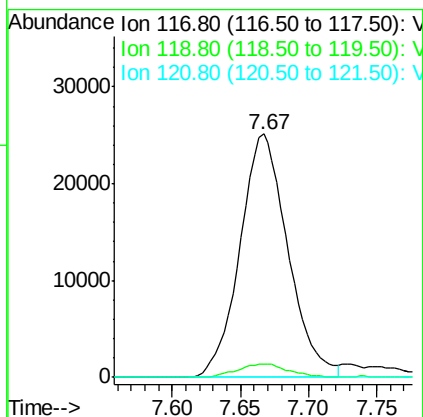
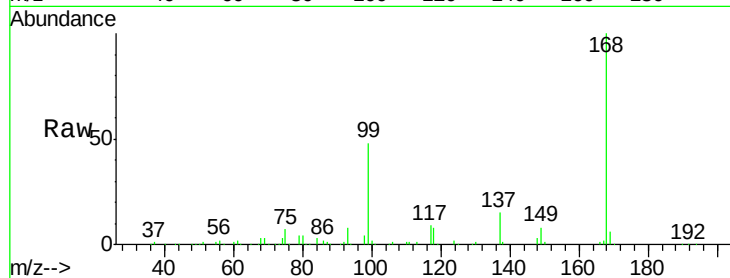




#38
Carbon Tetrachloride
Concen: 5.451 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053581.D
Acq: 1 Feb 2019 17:22

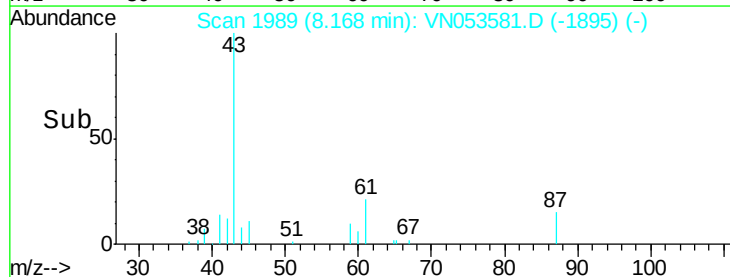
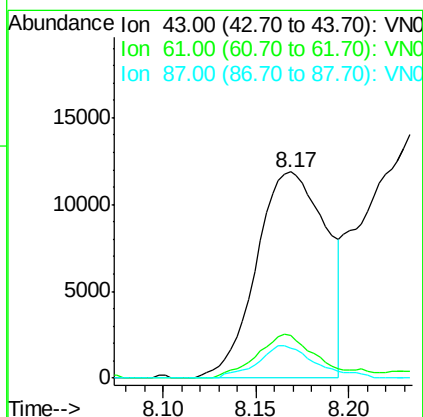
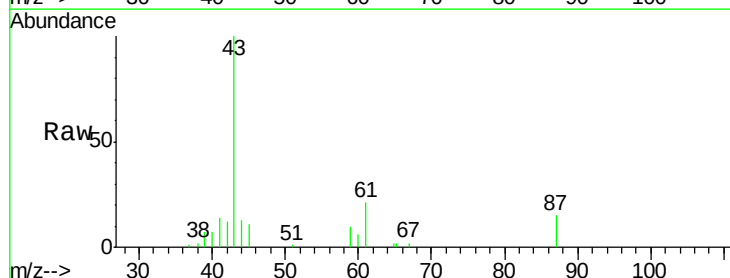
Instrument :
MSVOA_N
ClientSampleId :
OR-02-013119-A

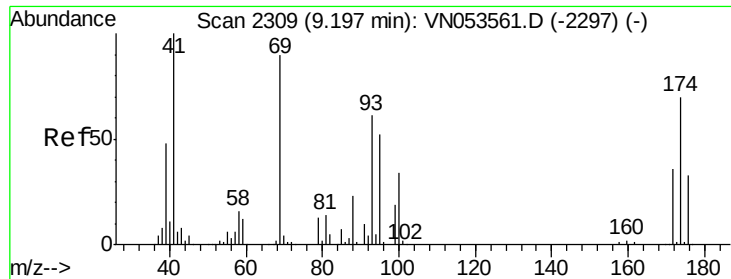
Tot Ion:117 Resp: 61261
Ion Ratio Lower Upper
117 100
119 5.4 77.2 115.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 2.588 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN053581.D
Acq: 1 Feb 2019 17:22

Tgt Ion: 43 Resp: 31136
Ion Ratio Lower Upper
43 100
61 17.5 23.9 35.9#
87 13.0 11.0 16.6

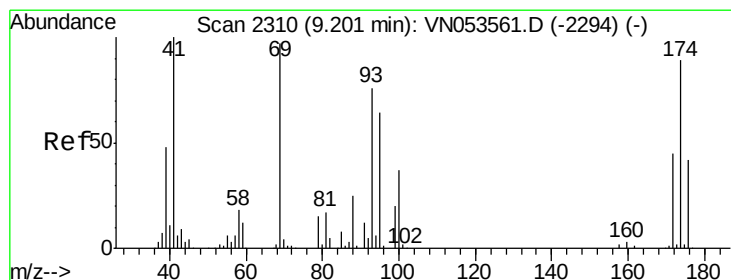
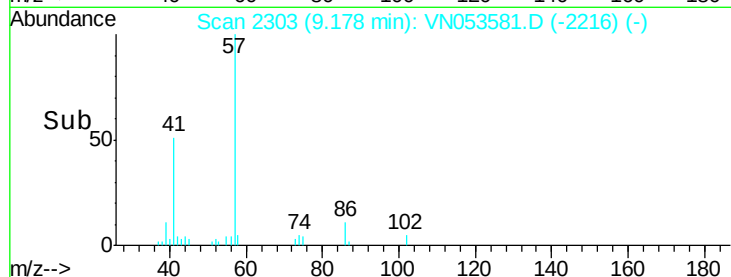
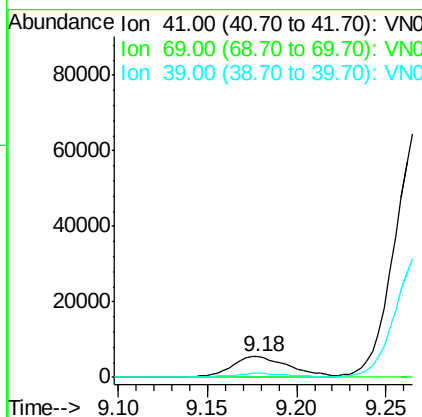
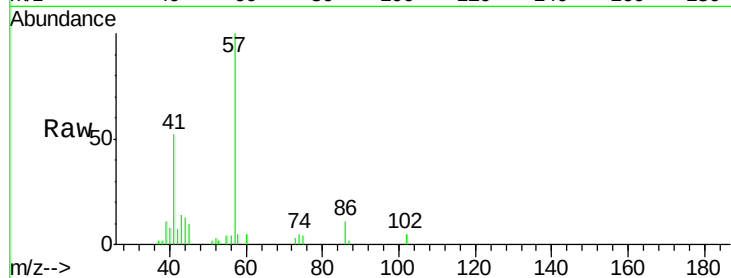




#48
Methvl methacrylate
Concen: 1.996 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN053581.D
Acq: 1 Feb 2019 17:22

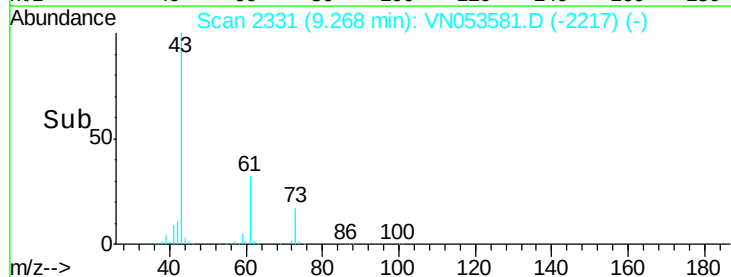
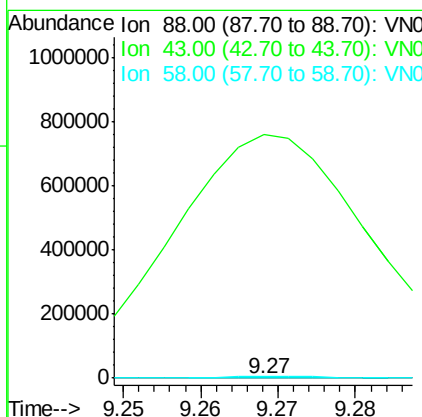
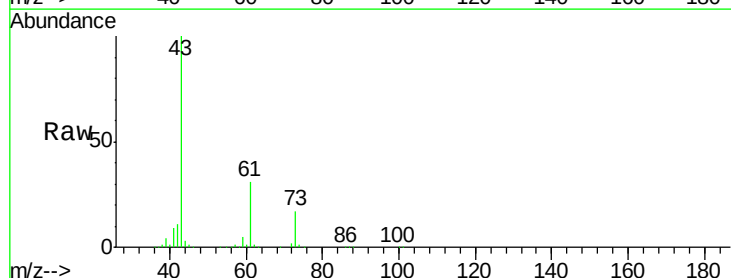
Instrument :
MSVOA_N
ClientSampleId :
OR-02-013119-A

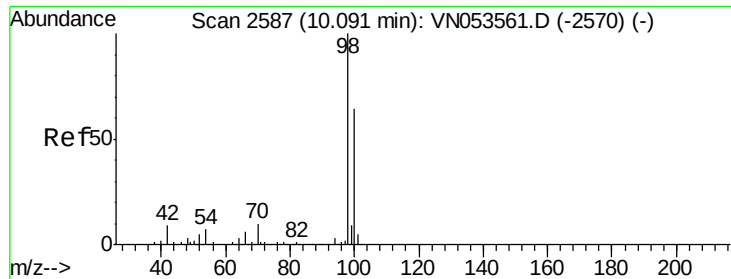
Tot Ion: 41 Resp: 11465
Ion Ratio Lower Upper
41 100
69 0.0 73.8 110.6#
39 21.3 40.0 60.0#



#49
1,4-Dioxane
Concen: 40.484 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.07 min
Lab File: VN053581.D
Acq: 1 Feb 2019 17:22

Tgt Ion: 88 Resp: 120
Ion Ratio Lower Upper
88 100
43 1300645.8 27.8 41.6#
58 6240.8 56.5 84.7#

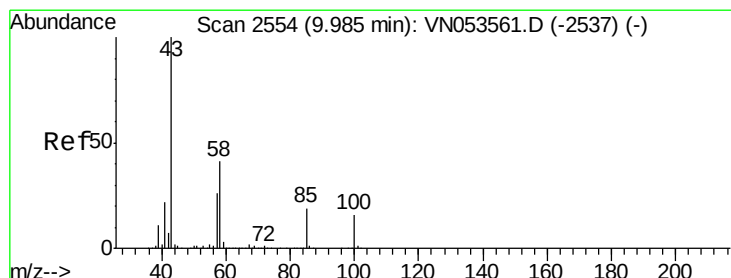
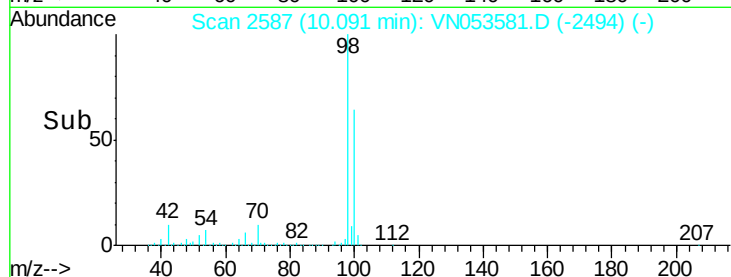
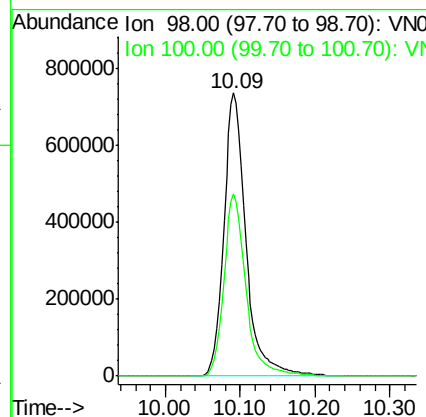
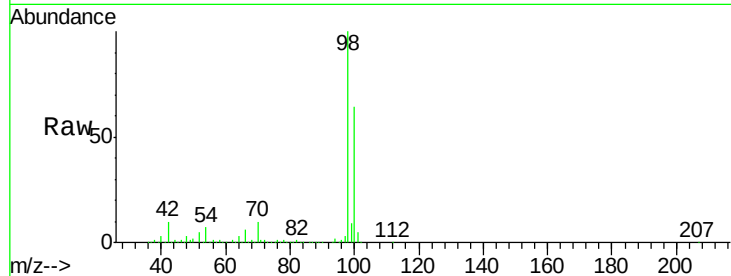




#50
Toluene-d8
Concen: 40.484 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053581.D
Acq: 1 Feb 2019 17:22

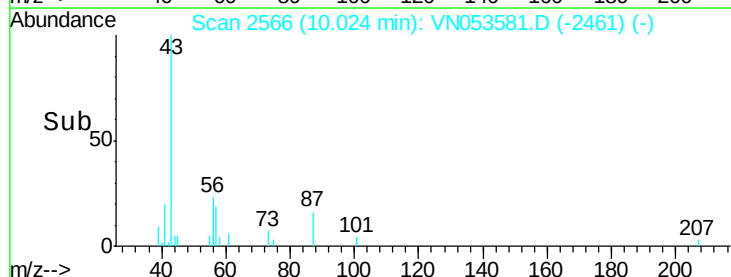
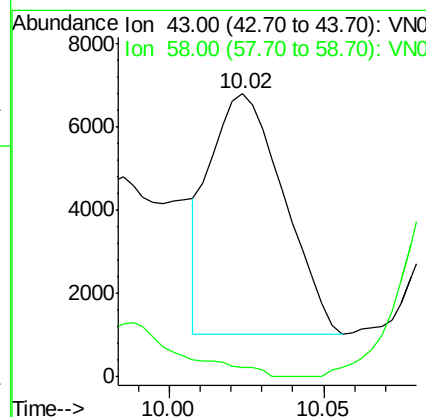
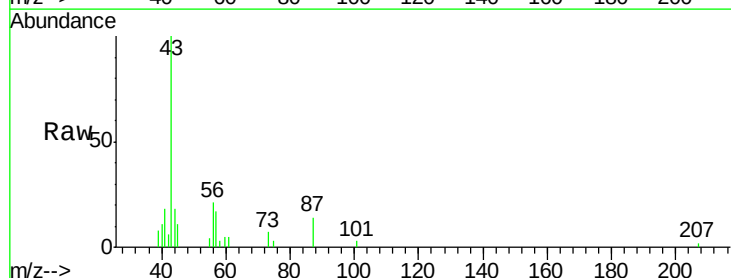
Instrument :
MSVOA_N
ClientSampleId :
OR-02-013119-A

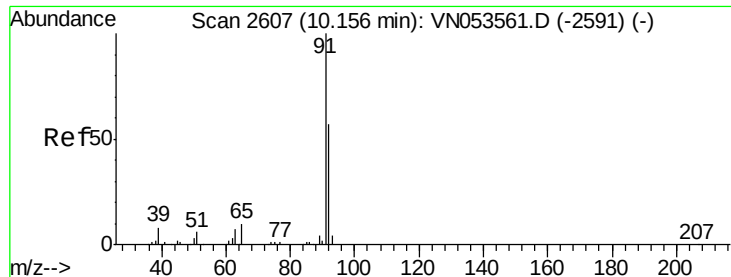
Tot Ion: 98 Resp: 1497752
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.613 ug/l
RT: 10.02 min Scan# 2566
Delta R.T. 0.04 min
Lab File: VN053581.D
Acq: 1 Feb 2019 17:22

Tgt Ion: 43 Resp: 9540
Ion Ratio Lower Upper
43 100
58 0.0 32.8 49.2#





#52

Toluene

Concen: 2.793 ug/l

RT: 10.16 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN053581.D

Acq: 1 Feb 2019 17:22

Instrument :

MSVOA_N

ClientSampled :

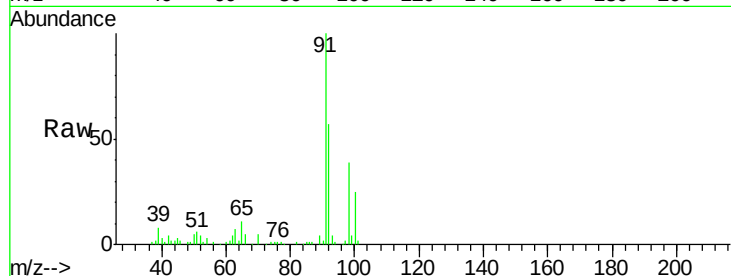
OR-02-013119-A

Tot Ion: 92 Resp: 57015

Ion Ratio Lower Upper

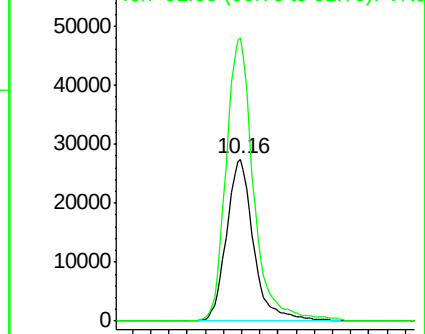
92 100

91 177.1 139.9 209.9

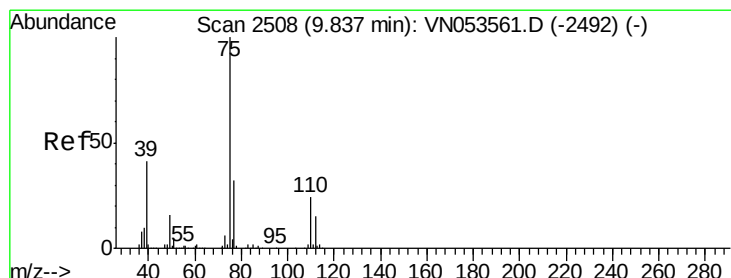
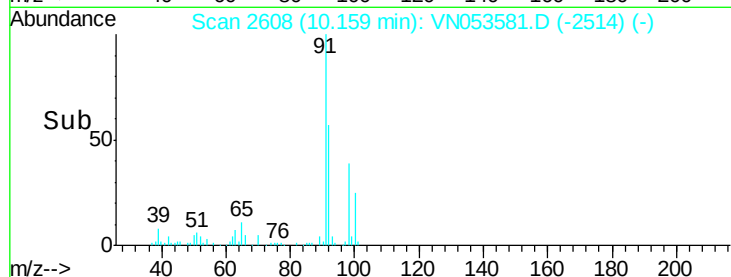


Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



Time-->



#54

cis-1,3-Dichloropropene

Concen: 5.924 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN053581.D

Acq: 1 Feb 2019 17:22

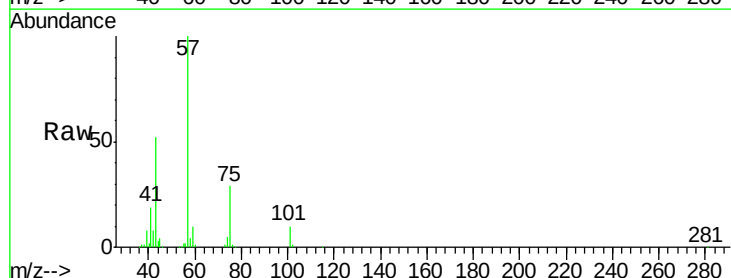
Tgt Ion: 75 Resp: 77523

Ion Ratio Lower Upper

75 100

77 0.4 25.8 38.6#

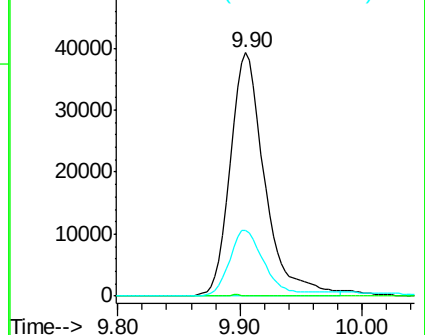
39 26.8 33.4 50.0#



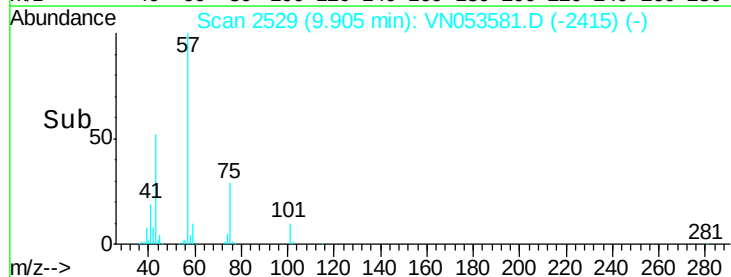
Abundance Ion 74.90 (74.60 to 75.60): VN0

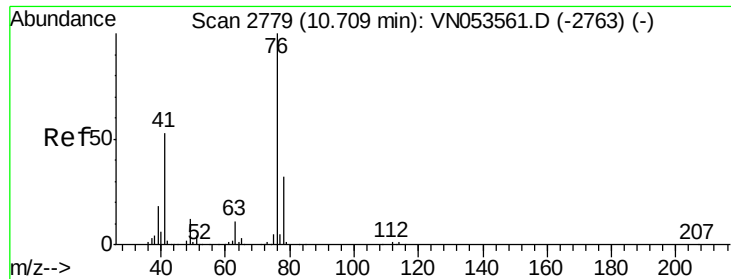
Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



Time-->

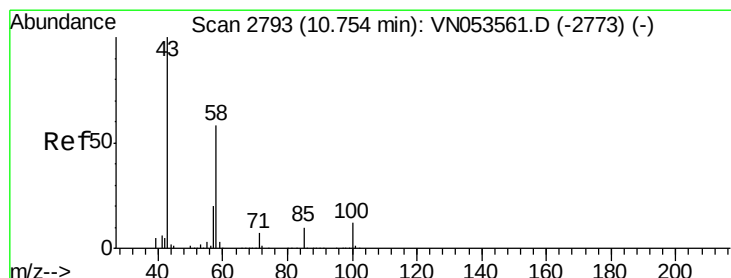
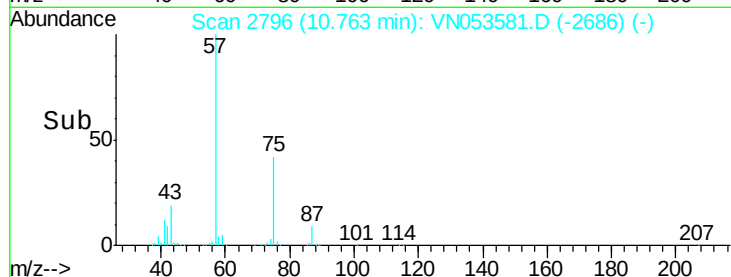
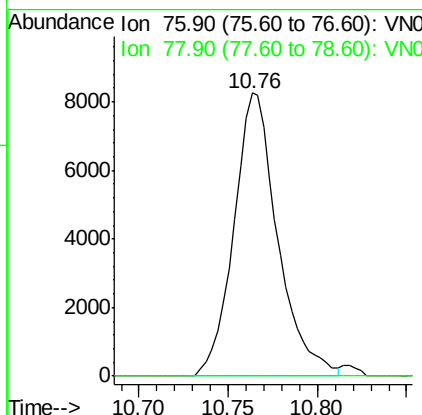
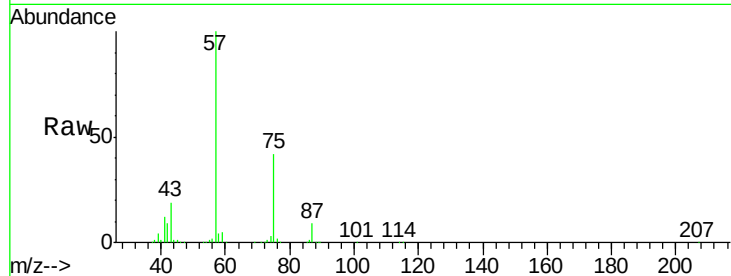




#57
 1,3-Dichloropropane
 Concen: 1.126 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.05 min
 Lab File: VN053581.D
 Acq: 1 Feb 2019 17:22

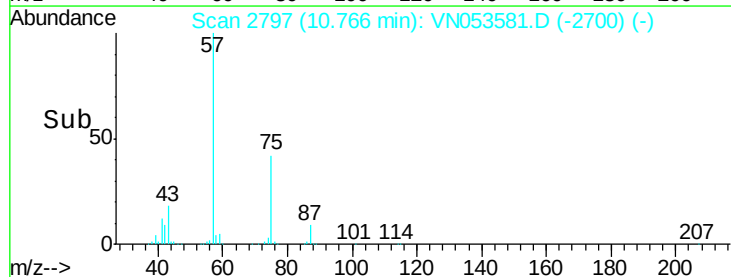
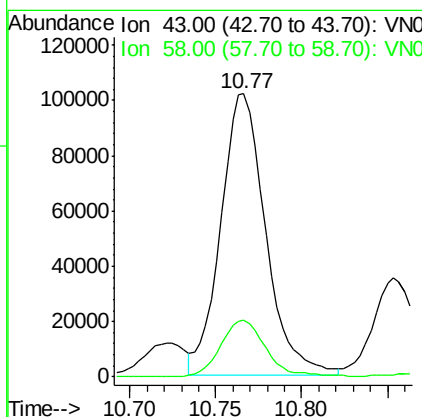
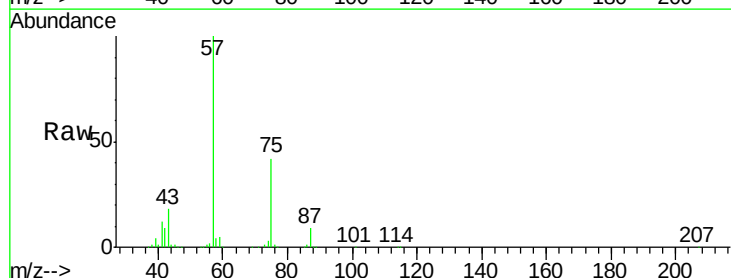
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-013119-A

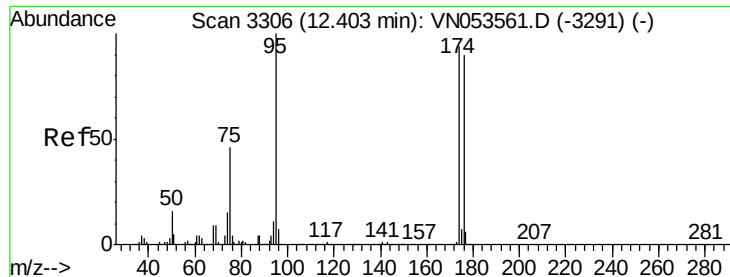
Tot Ion: 76 Resp: 14155
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#59
 2-Hexanone
 Concen: 46.524 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.01 min
 Lab File: VN053581.D
 Acq: 1 Feb 2019 17:22

Tgt Ion: 43 Resp: 186745
 Ion Ratio Lower Upper
 43 100
 58 20.4 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: VN053581.D

Acq: 1 Feb 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

OR-02-013119-A

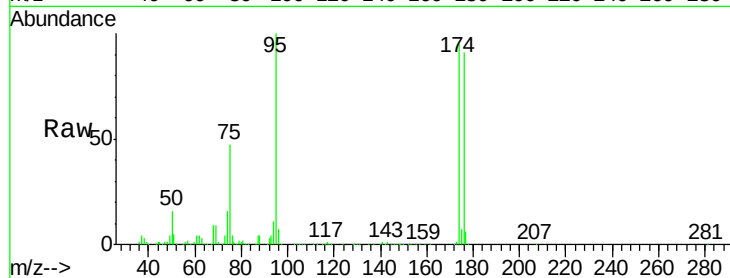
Tot Ion: 95 Resp: 506092

Ion Ratio Lower Upper

95 100

174 93.4 0.0 183.2

176 90.8 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053561.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053561.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053561.D (-3291) (-)

12.40

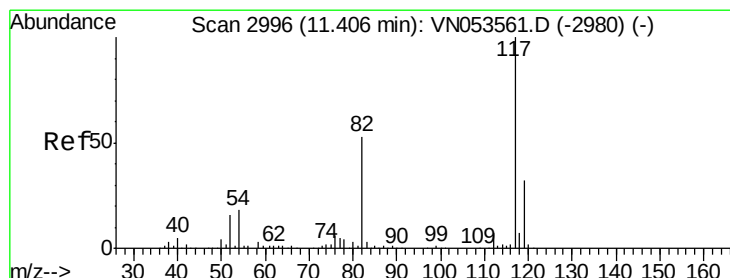
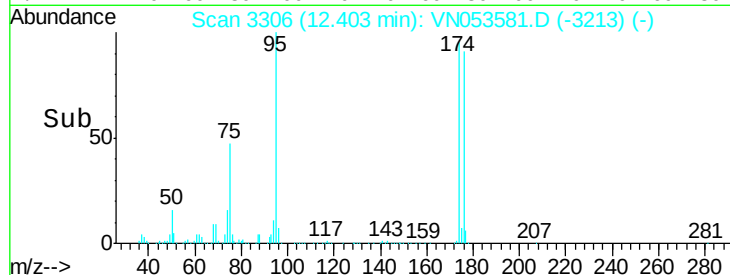
300000

200000

100000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053581.D

Acq: 1 Feb 2019 17:22

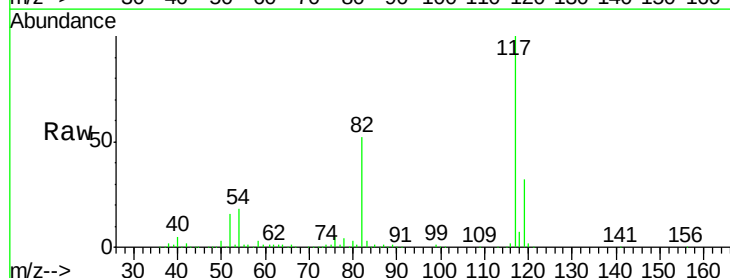
Tgt Ion: 117 Resp: 1142933

Ion Ratio Lower Upper

117 100

82 52.4 42.9 64.3

119 32.2 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): VN053561.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053561.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053561.D (-2980) (-)

11.41

800000

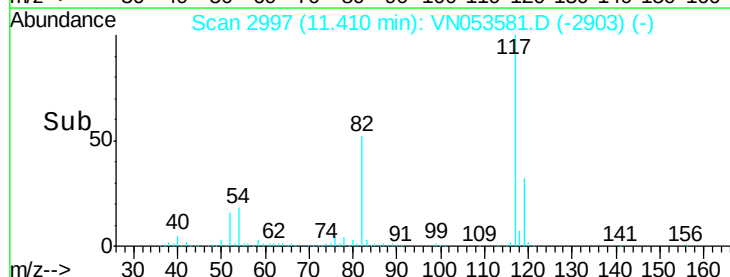
600000

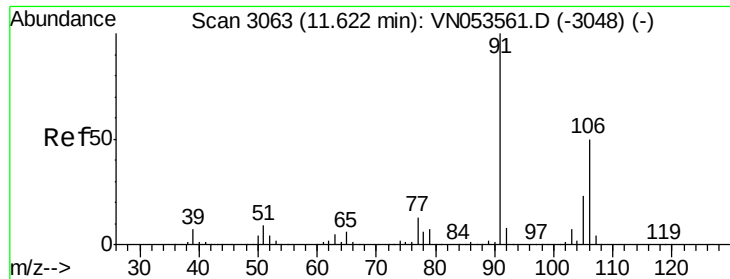
400000

200000

0

Time--> 11.30 11.40 11.50

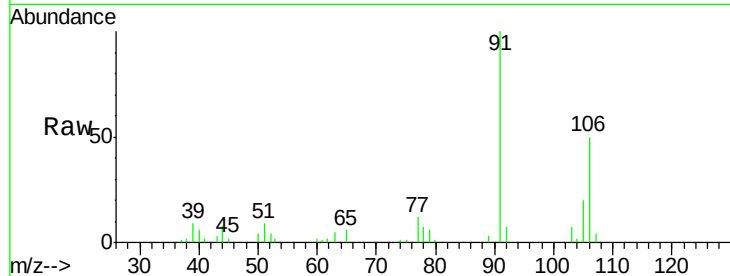




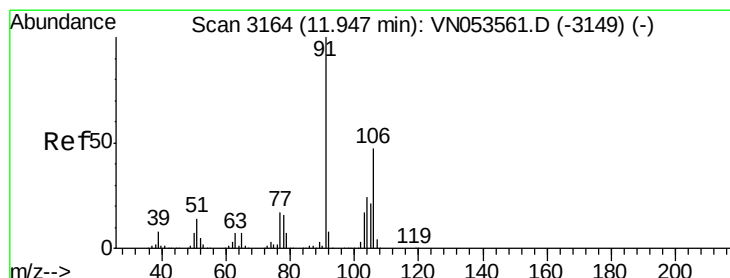
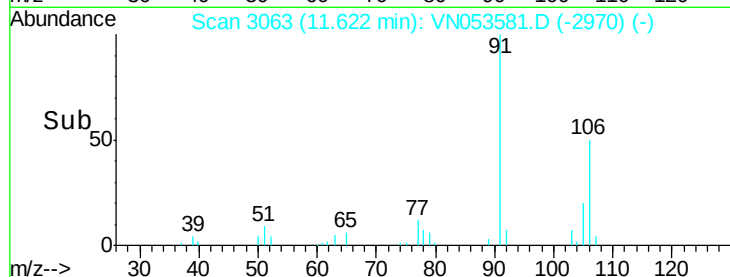
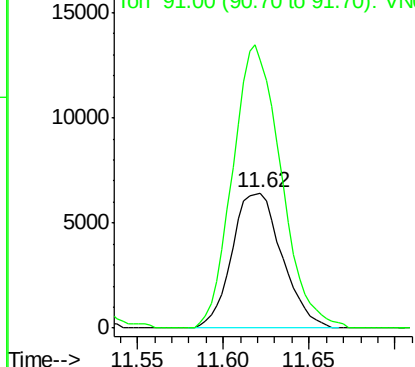
#68
m/p-Xylenes
Concen: 0.854 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN053581.D
Acq: 1 Feb 2019 17:22

Instrument :
MSVOA_N
ClientSampleId :
OR-02-013119-A

Tot Ion:106 Resp: 12992
Ion Ratio Lower Upper
106 100
91 202.4 161.4 242.2

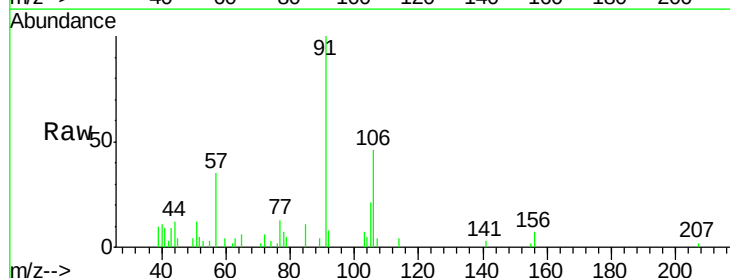


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

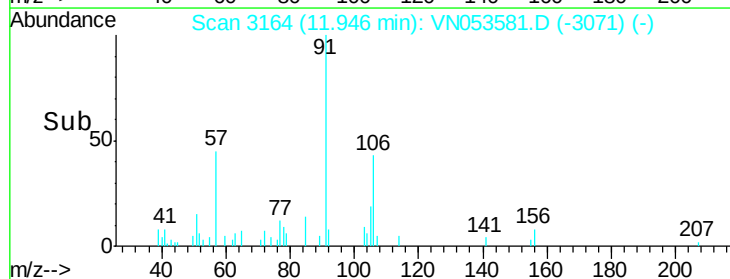
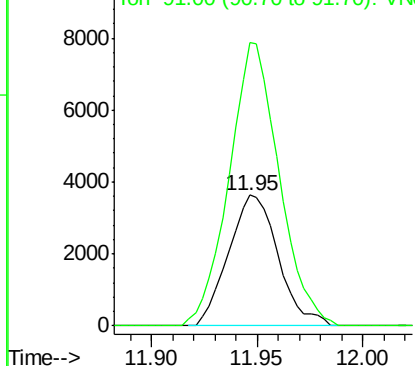


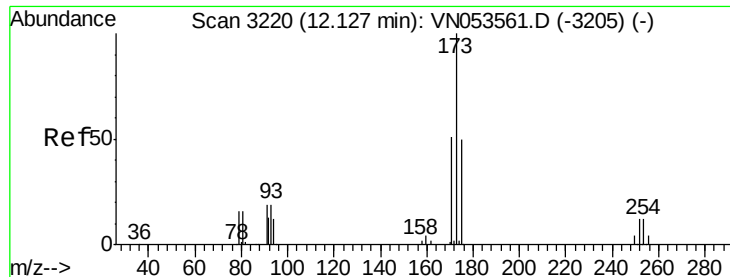
#69
o-Xylene
Concen: 0.403 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN053581.D
Acq: 1 Feb 2019 17:22

Tgt Ion:106 Resp: 5924
Ion Ratio Lower Upper
106 100
91 219.1 106.9 320.8



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





#71

Bromoform

Concen: 0.494 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN053581.D

Acq: 1 Feb 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

OR-02-013119-A

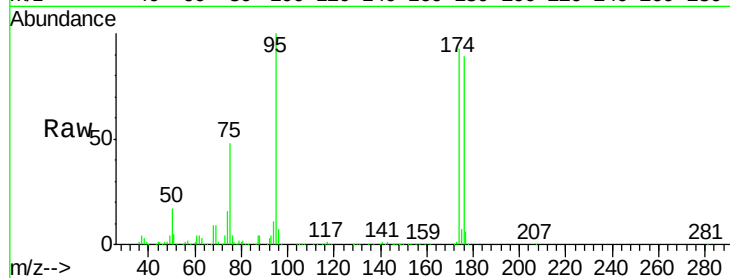
Tot Ion:173 Resp: 2871

Ion Ratio Lower Upper

173 100

175 1006.2 24.6 74.0#

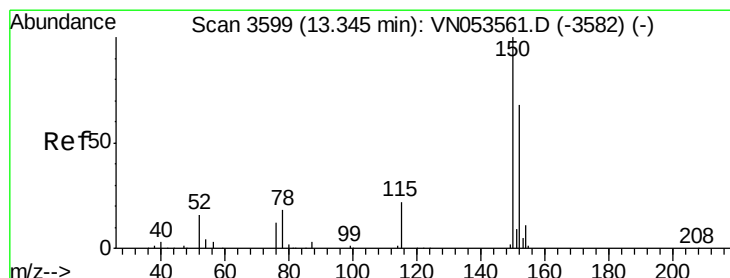
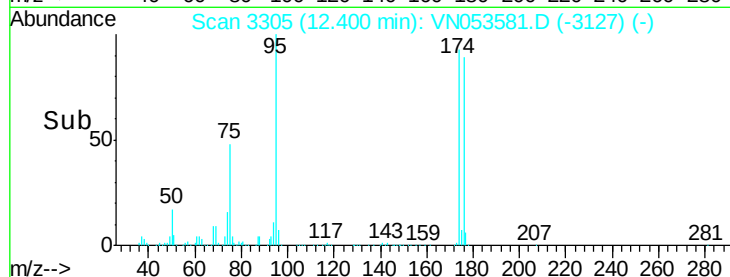
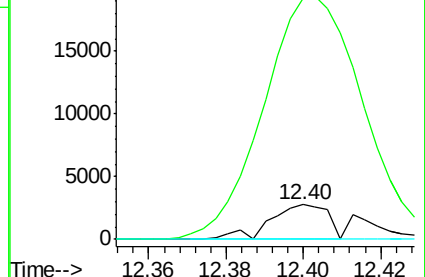
254 0.0 0.2 0.2#



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: VN053581.D

Acq: 1 Feb 2019 17:22

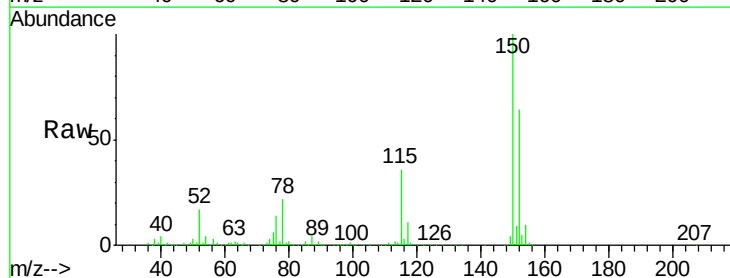
Tgt Ion:152 Resp: 489674

Ion Ratio Lower Upper

152 100

115 56.2 27.8 83.4

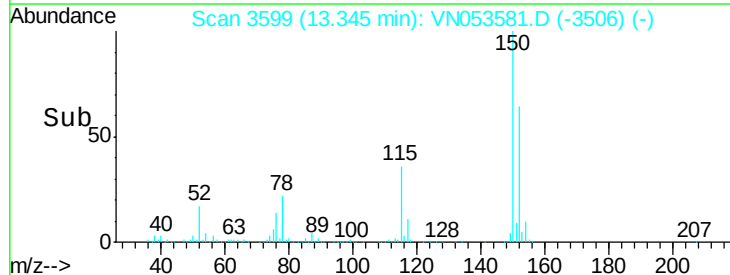
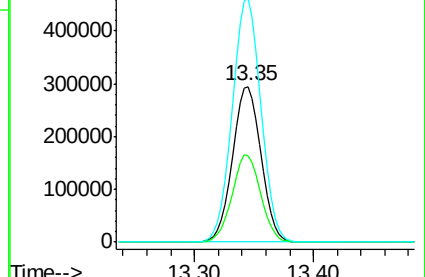
150 157.0 0.0 349.0

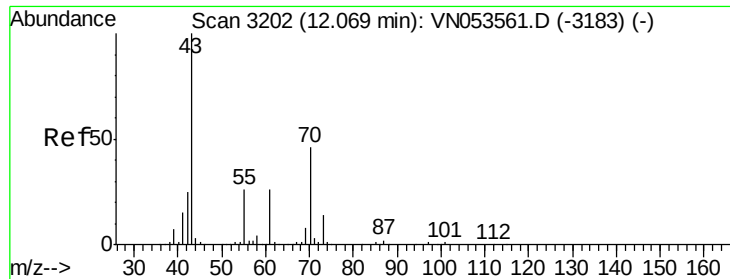


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

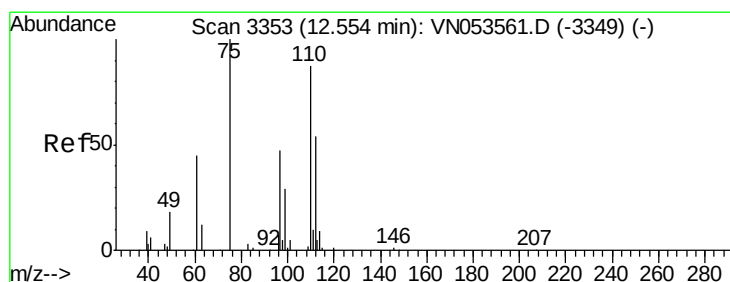
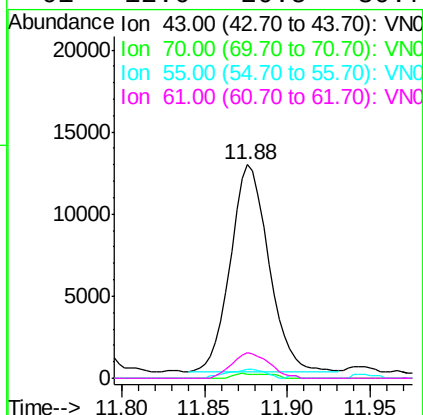
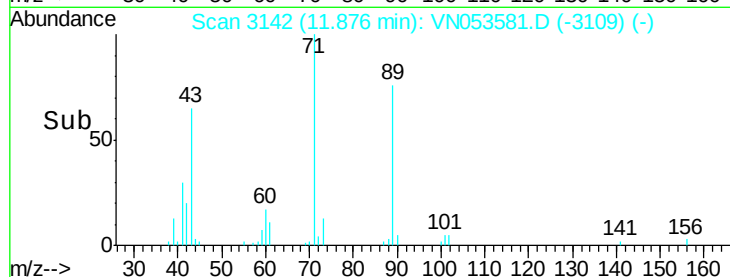
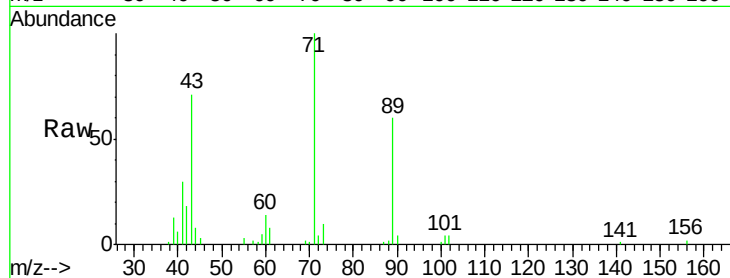




#74
N-amyl acetate
Concen: 2.456 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN053581.D
Acq: 1 Feb 2019 17:22

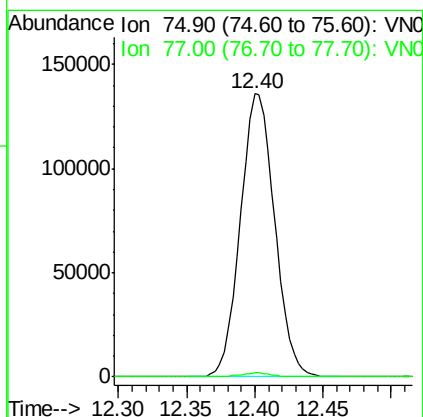
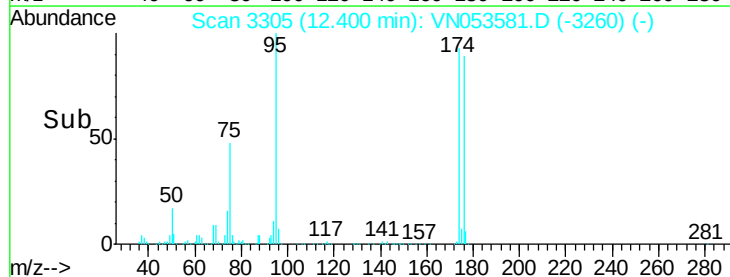
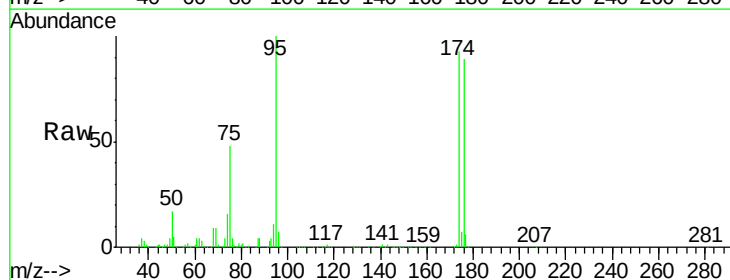
Instrument :
MSVOA_N
ClientSampleId :
OR-02-013119-A

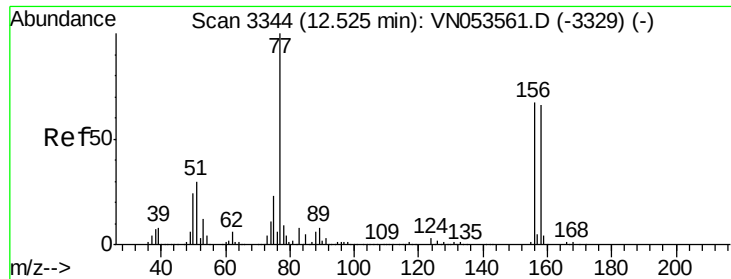
Tot Ion: 43 Resp: 20331
Ion Ratio Lower Upper
43 100
70 1.3 35.4 53.2#
55 4.2 20.9 31.3#
61 12.0 20.5 30.7#



#76
1,2,3-Trichloropropane
Concen: 37.777 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN053581.D
Acq: 1 Feb 2019 17:22

Tgt Ion: 75 Resp: 237602
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#77

Bromobenzene

Concen: 0.376 ug/l

RT: 12.53 min Scan# 3346

Delta R.T. 0.01 min

Lab File: VN053581.D

Acq: 1 Feb 2019 17:22

Instrument :

MSVOA_N

ClientSampleId :

OR-02-013119-A

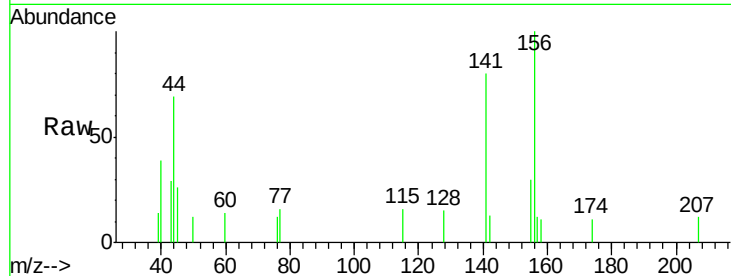
Tot Ion:156 Resp: 3488

Ion Ratio Lower Upper

156 100

77 13.3 87.9 263.8#

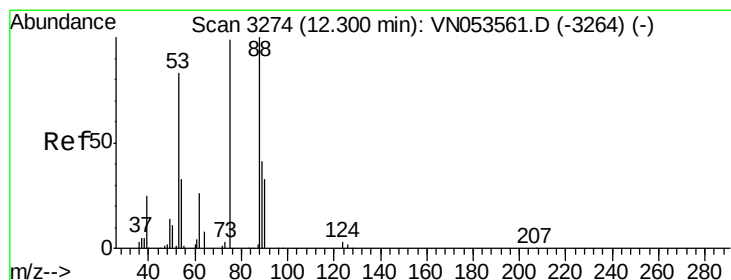
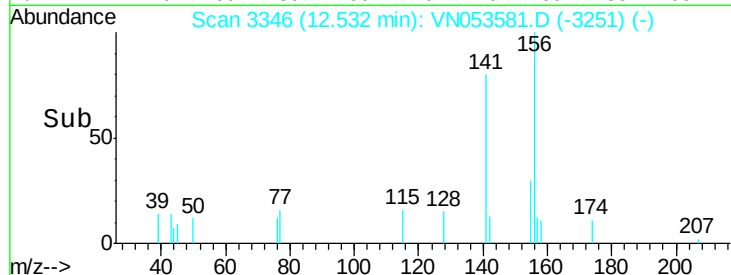
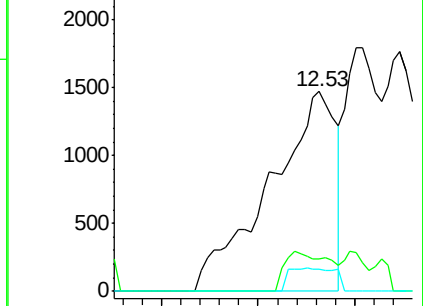
158 8.0 48.8 146.4#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VNO

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 106.226 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053581.D

Acq: 1 Feb 2019 17:22

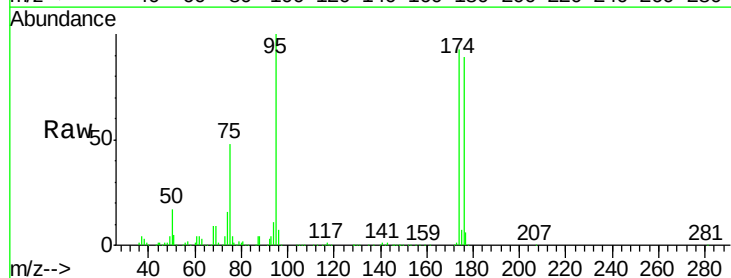
Tgt Ion: 75 Resp: 237602

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.6#

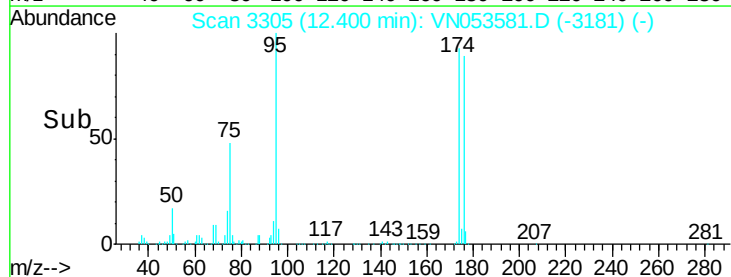
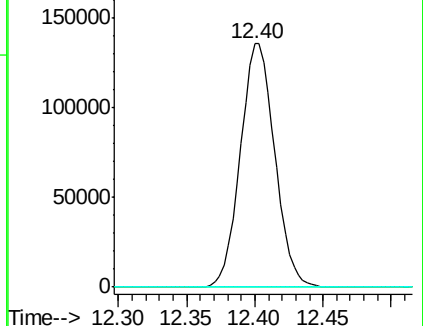
89 0.0 35.6 53.4#

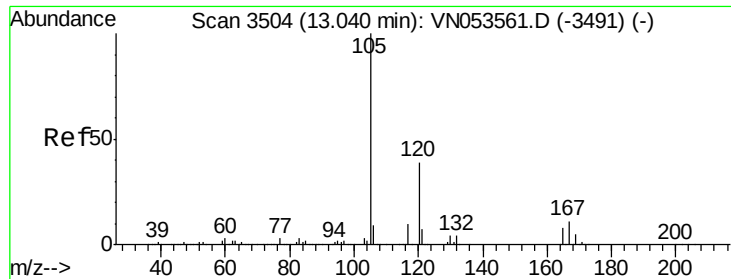


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

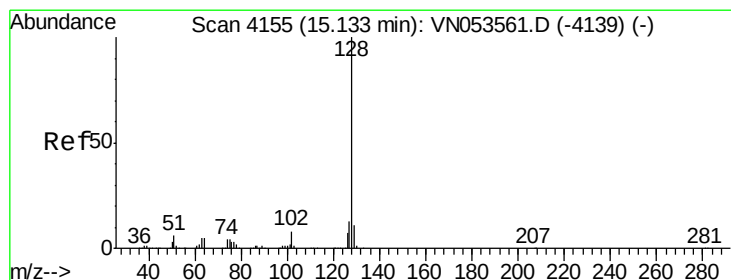
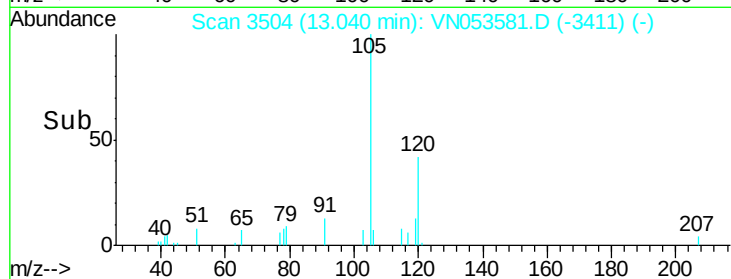
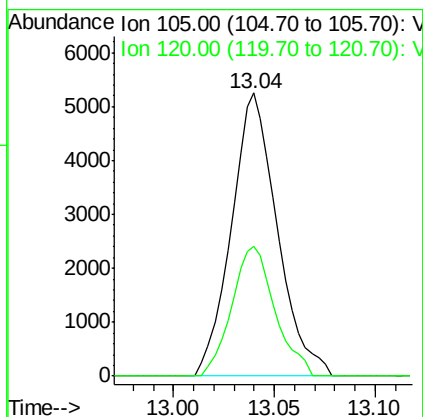
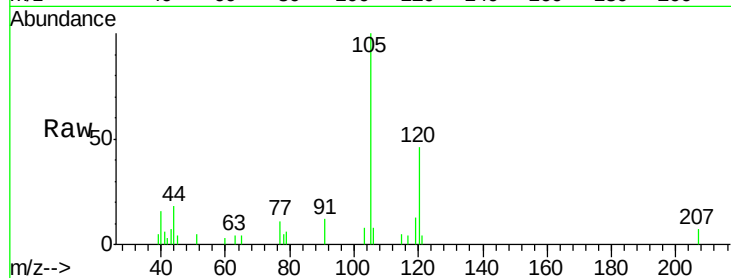




#84
 1,2,4-Trimethylbenzene
 Concen: 0.287 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN053581.D
 Acq: 1 Feb 2019 17:22

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-013119-A

Tot Ion:105 Resp: 8351
 Ion Ratio Lower Upper
 105 100
 120 43.1 23.0 69.0



#95
 Naphthalene
 Concen: 3.760 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN053581.D
 Acq: 1 Feb 2019 17:22

Tgt Ion:128 Resp: 45096
 Ion Ratio Lower Upper
 128 100
 127 12.0 10.3 15.5
 129 10.9 8.6 13.0

