

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022619\
 Data File : VN053956.D
 Acq On : 26 Feb 2019 15:44
 Operator : JC/SP
 Sample : K1596-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-15

Quant Time: Feb 27 02:27:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 05:37:40 2019
 Response via : Initial Calibration

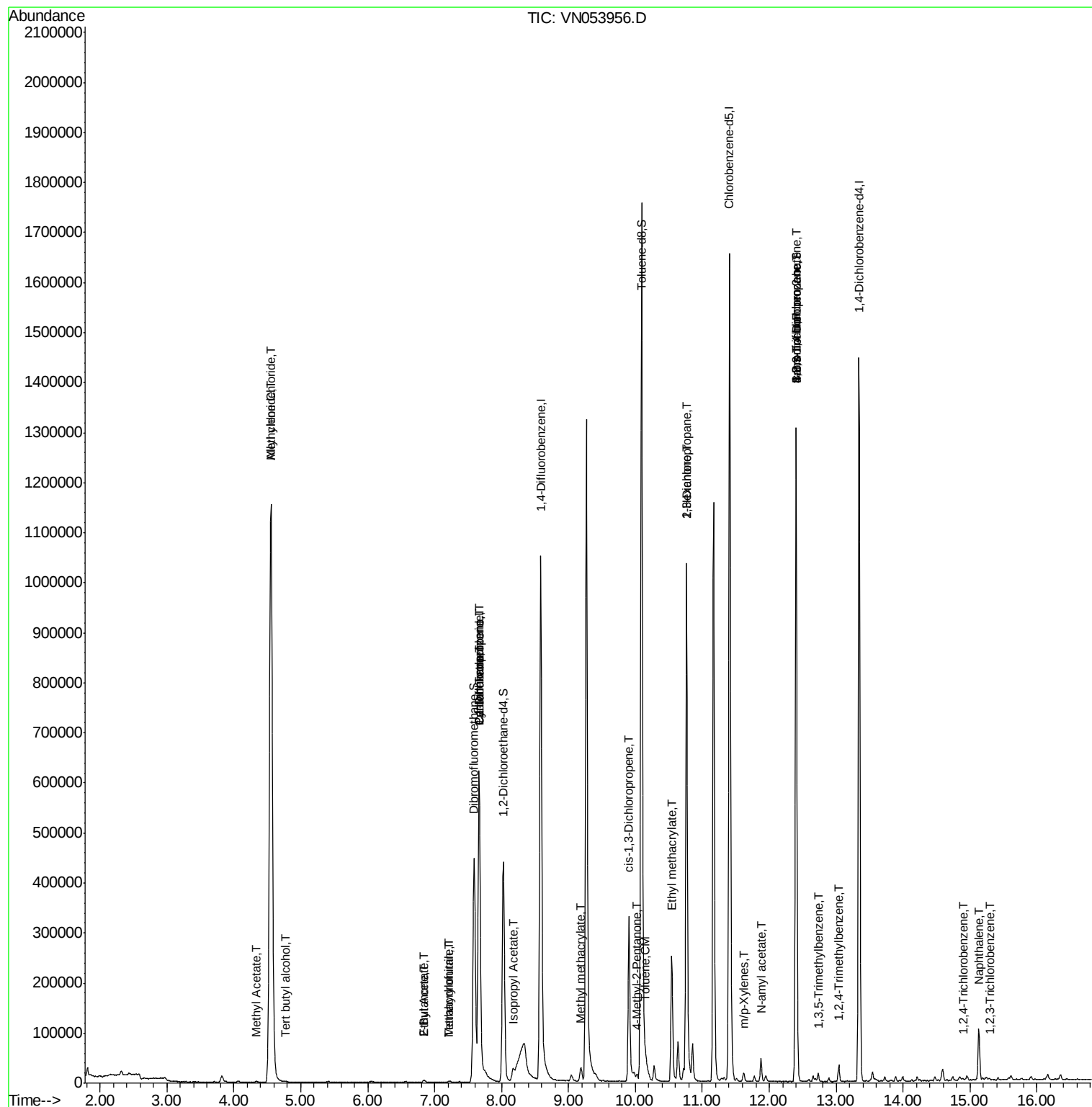
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	597405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1072571	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1058552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	406750	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	381133	54.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.84%	
35) Dibromofluoromethane	7.59	113	348243	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
50) Toluene-d8	10.09	98	1369259	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	
62) 4-Bromofluorobenzene	12.40	95	458630	53.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.64%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.78	59	401	0.903	ug/l #	73
14) Allyl chloride	4.55	41	37515	3.627	ug/l #	27
16) Acetone	3.82	43	22036	Below Cal		91
18) Methyl Acetate	4.33	43	1790	0.366	ug/l	100
20) Methylene Chloride	4.55	84	891753	128.662	ug/l	91
25) 2-Butanone	6.85	43	7862	2.859	ug/l #	89
29) Tetrahydrofuran	7.21	42	1429	0.780	ug/l #	75
31) Cyclohexane	7.67	56	10331	0.517	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	42202	4.231	ug/l #	47
37) Ethyl Acetate	6.85	43	7862	1.104	ug/l #	67
38) Carbon Tetrachloride	7.67	117	51781	4.992	ug/l #	16
41) Methacrylonitrile	7.21	41	1068	0.233	ug/l #	100
43) Isopropyl Acetate	8.17	43	34610	2.878	ug/l #	87
48) Methyl methacrylate	9.18	41	11676	2.111	ug/l #	12
51) 4-Methyl-2-Pentanone	10.02	43	8254	1.336	ug/l #	34
52) Toluene	10.16	92	3788	0.210	ug/l	93
54) cis-1,3-Dichloropropene	9.91	75	63741	5.494	ug/l #	69
56) Ethyl methacrylate	10.54	69	1447	2.112	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	10669	0.937	ug/l #	43
59) 2-Hexanone	10.76	43	163280	40.627	ug/l #	49
68) m/p-Xylenes	11.62	106	5501	0.389	ug/l	95
71) Bromoform	12.40	173	3338	0.596	ug/l #	1
74) N-ethyl acetate	11.88	43	15012	1.809	ug/l #	49
76) 1,2,3-Trichloropropane	12.40	75	222970	34.172	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	7282	0.281	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	222970	108.004	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	20028	0.774	ug/l	100
93) 1,2,4-Trichlorobenzene	14.91	180	358	2.268	ug/l #	25
95) Naphthalene	15.13	128	92028	8.559	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	69	1.567	ug/l #	13

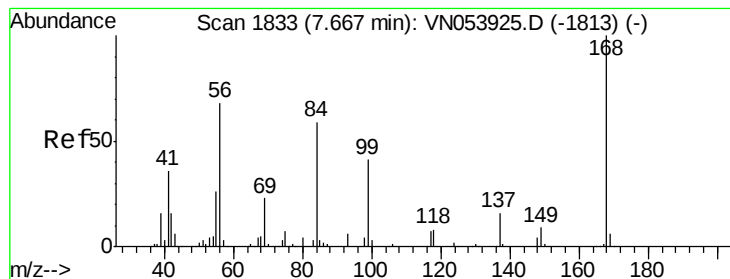
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053956.D

Acq: 26 Feb 2019 15:44

Instrument :

MSVOA_N

ClientSampled :

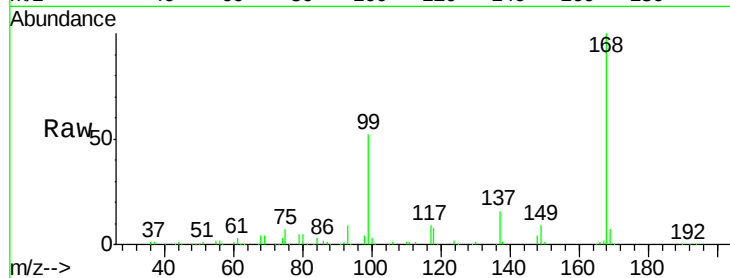
COMP-15

Tot Ion:168 Resp: 597405

Ion Ratio Lower Upper

168 100

99 51.6 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): VN053925.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN053925.D (-1813) (-)

7.67

250000

200000

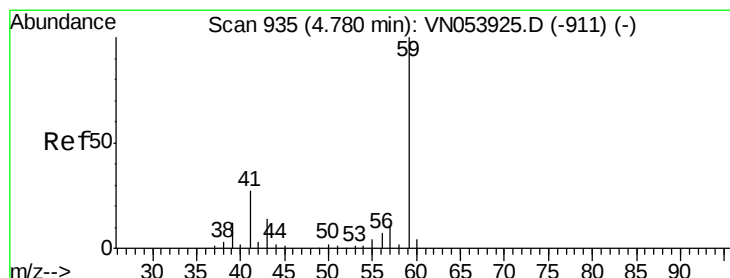
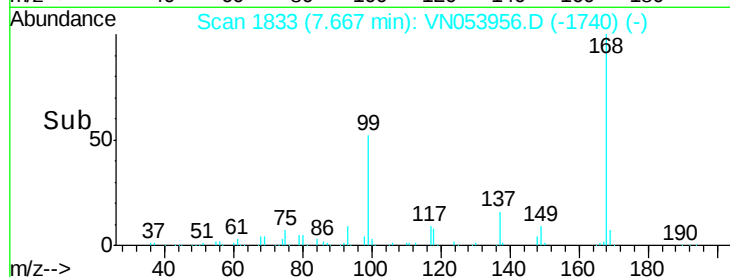
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#11

Tert butyl alcohol

Concen: 0.903 ug/l

RT: 4.78 min Scan# 934

Delta R.T. -0.00 min

Lab File: VN053956.D

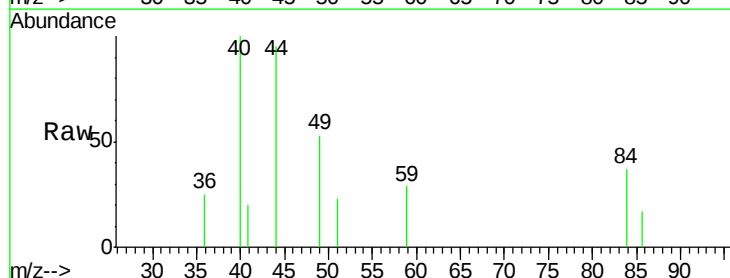
Acq: 26 Feb 2019 15:44

Tgt Ion: 59 Resp: 401

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VN053925.D (-911) (-)

Ion 57.00 (56.70 to 57.70): VN053925.D (-911) (-)

4.78

300

250

200

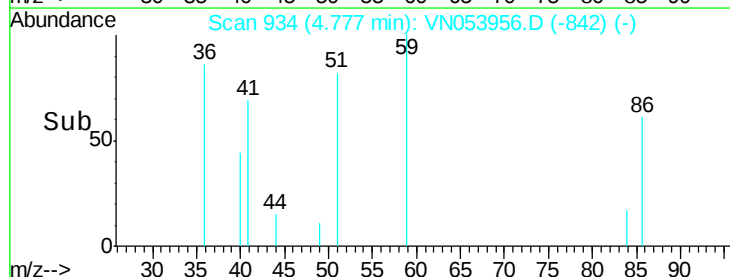
150

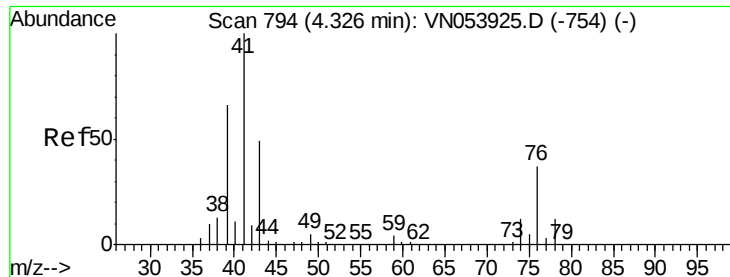
100

50

0

Time--> 4.74 4.76 4.78 4.80





#14

Allvl chloride

Concen: 3.627 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.23 min

Lab File: VN053956.D

Acq: 26 Feb 2019 15:44

Instrument :

MSVOA_N

ClientSampled :

COMP-15

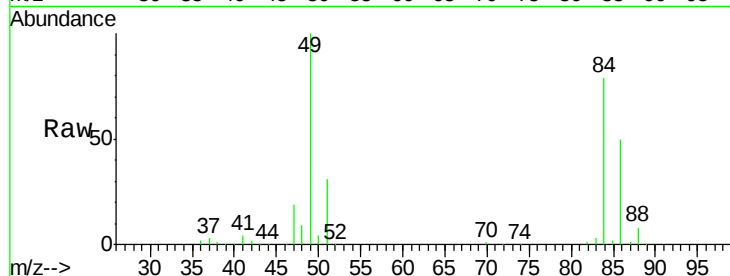
Tot Ion: 41 Resp: 37515

Ion Ratio Lower Upper

41 100

39 0.7 48.8 73.2#

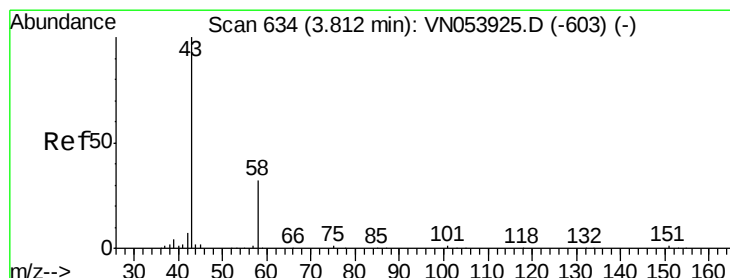
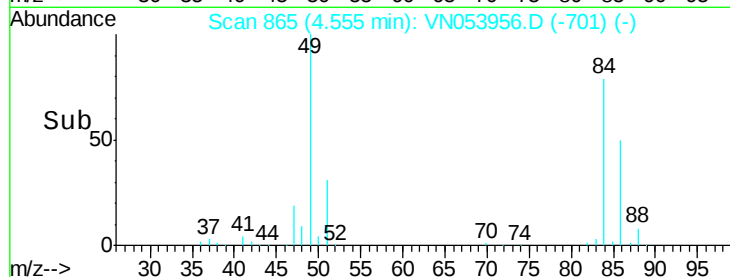
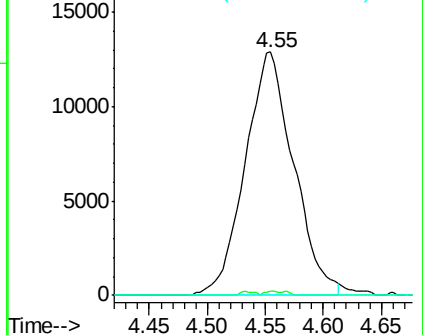
76 0.0 30.9 46.3#



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: Below Cal

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053956.D

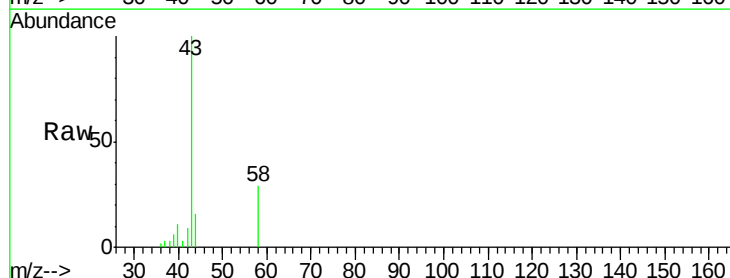
Acq: 26 Feb 2019 15:44

Tgt Ion: 43 Resp: 22036

Ion Ratio Lower Upper

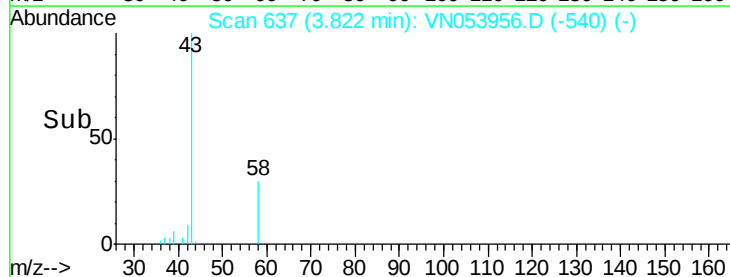
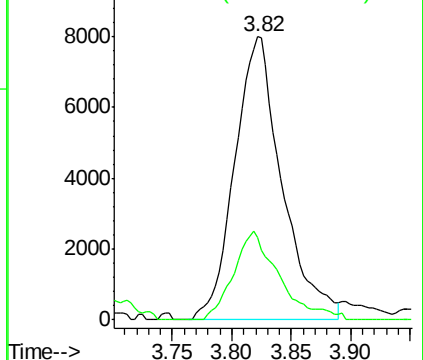
43 100

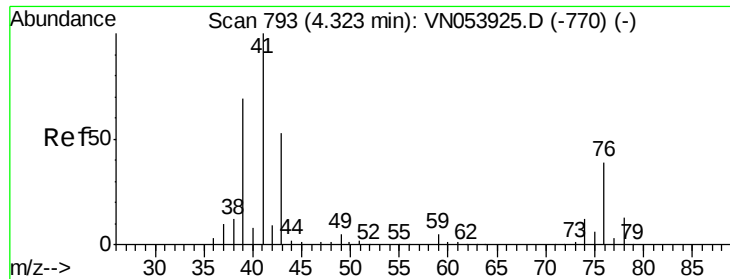
58 29.0 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

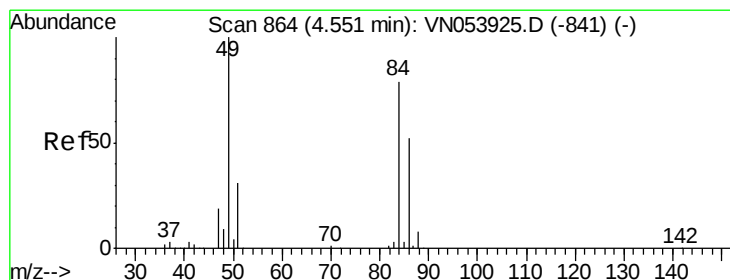
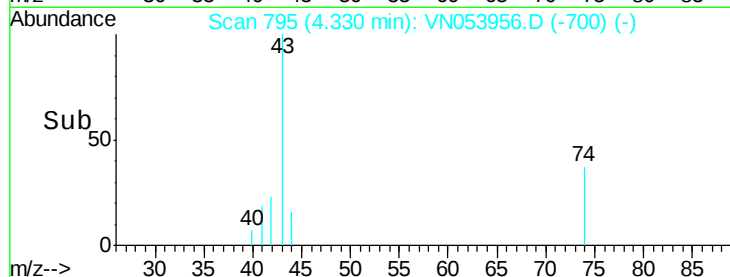
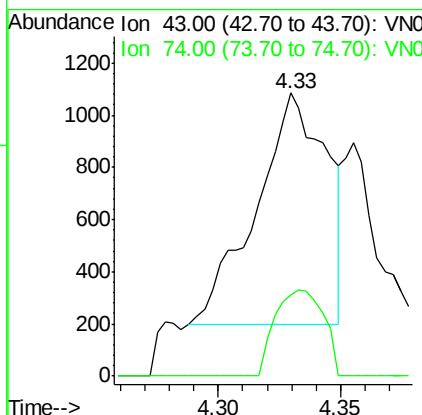
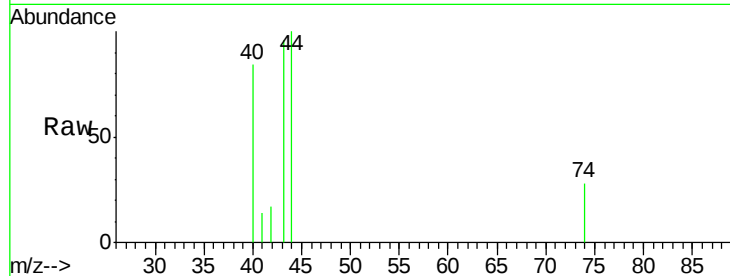




#18
Methvl Acetate
Concen: 0.366 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN053956.D
Acq: 26 Feb 2019 15:44

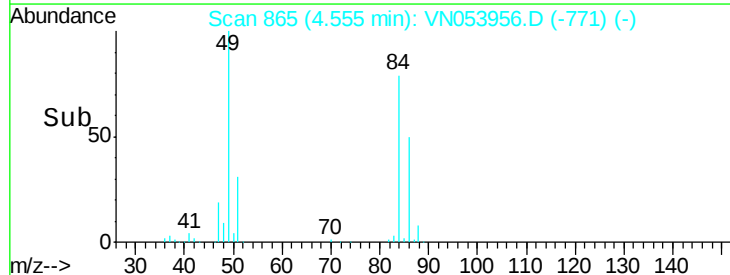
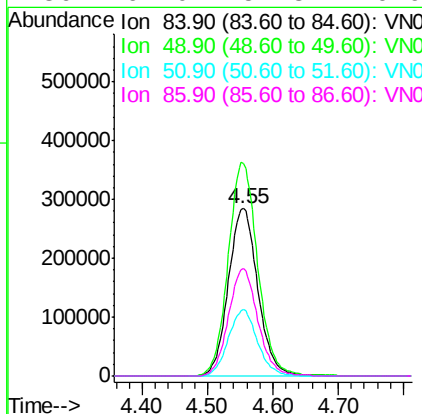
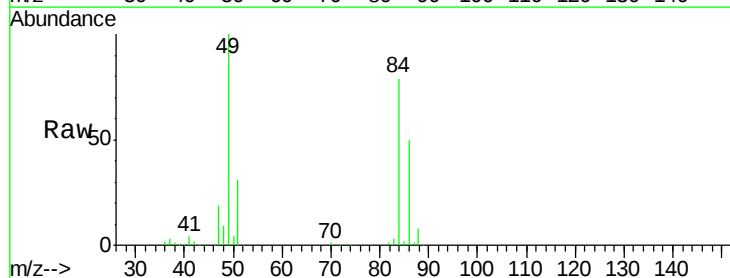
Instrument :
MSVOA_N
ClientSampleId :
COMP-15

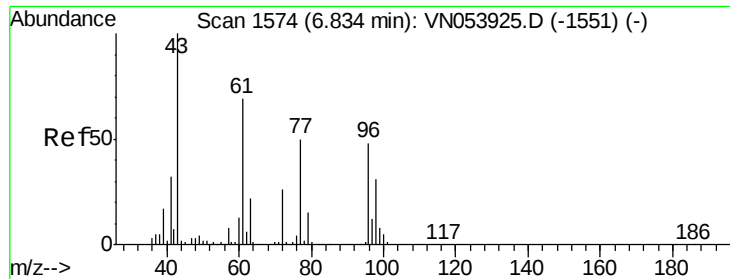
Tot Ion: 43 Resp: 1790
Ion Ratio Lower Upper
43 100
74 25.4 20.5 30.7



#20
Methylene Chloride
Concen: 128.662 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053956.D
Acq: 26 Feb 2019 15:44

Tgt Ion: 84 Resp: 891753
Ion Ratio Lower Upper
84 100
49 127.1 89.7 134.5
51 39.8 27.8 41.8
86 64.0 51.3 76.9





#25

2-Butanone

Concen: 2.859 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. 0.01 min

Lab File: VN053956.D

Acq: 26 Feb 2019 15:44

Instrument :

MSVOA_N

ClientSampled :

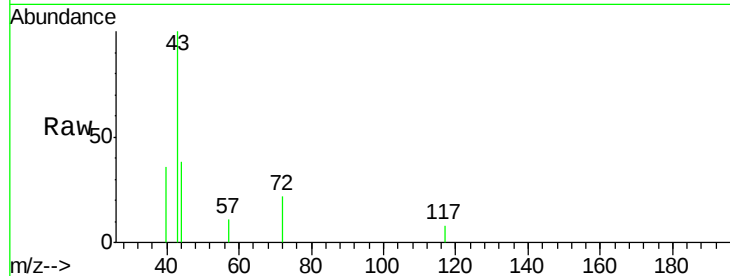
COMP-15

Tot Ion: 43 Resp: 7862

Ion Ratio Lower Upper

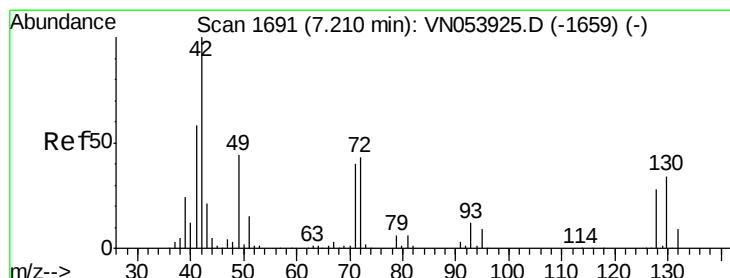
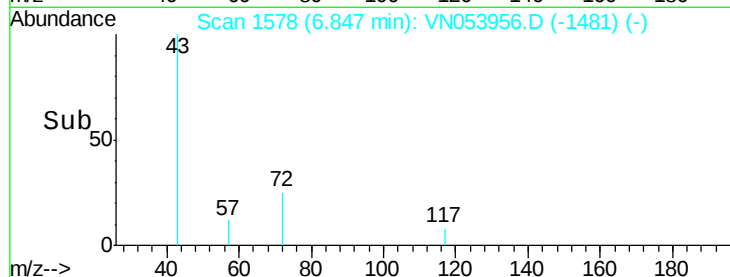
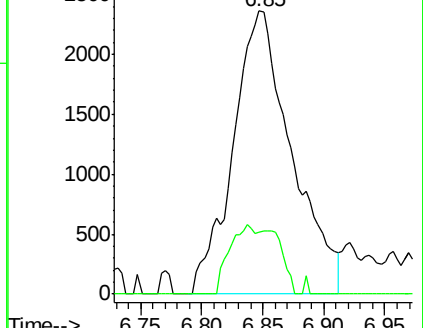
43 100

72 21.9 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VN053925.D (-1551) (-)

Ion 72.00 (71.70 to 72.70): VN053925.D (-1551) (-)



#29

Tetrahydrofuran

Concen: 0.780 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN053956.D

Acq: 26 Feb 2019 15:44

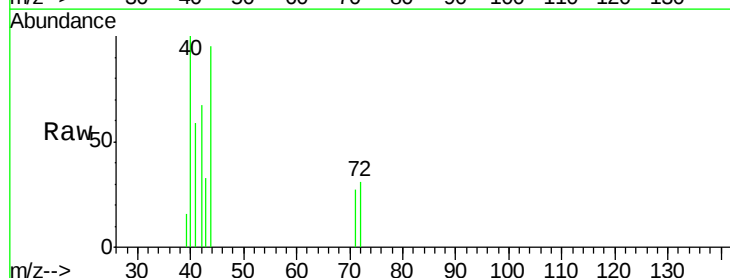
Tgt Ion: 42 Resp: 1429

Ion Ratio Lower Upper

42 100

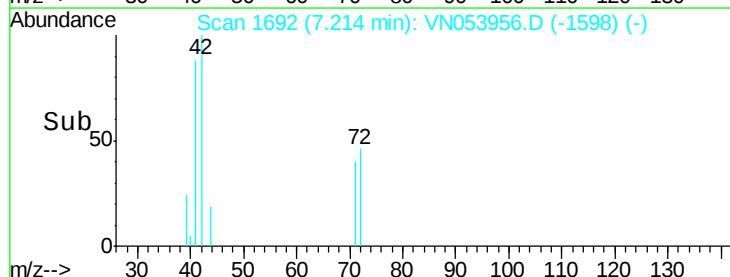
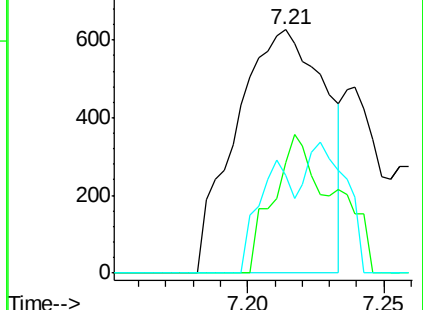
72 38.8 36.9 55.3

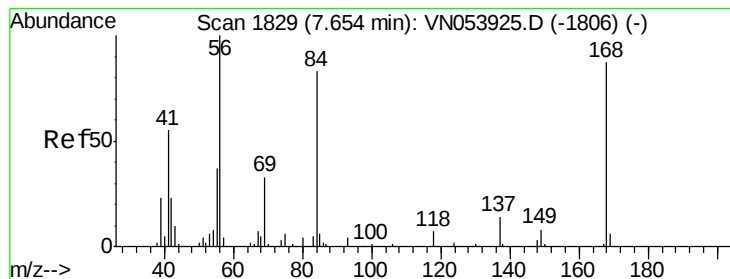
71 17.6 34.6 52.0#



Abundance Ion 42.00 (41.70 to 42.70): VN053925.D (-1659) (-)

Ion 72.00 (71.70 to 72.70): VN053925.D (-1659) (-)





#31

Cyclohexane

Concen: 0.517 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN053956.D

Acq: 26 Feb 2019 15:44

Instrument :

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ClientSampled :

COMP-15

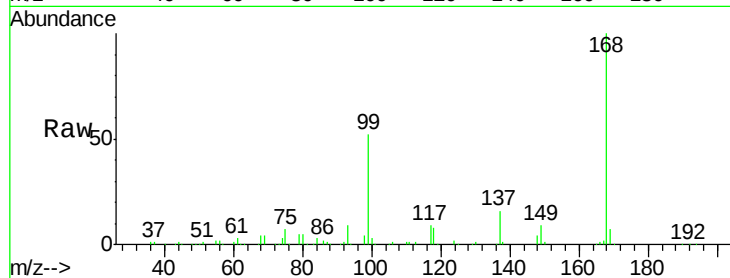
Tot Ion: 56 Resp: 10331

Ion Ratio Lower Upper

56 100

69 188.4 26.0 39.0#

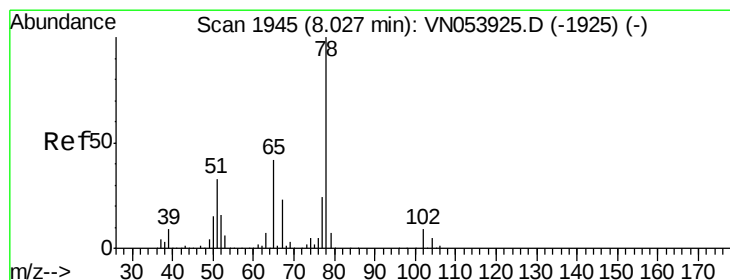
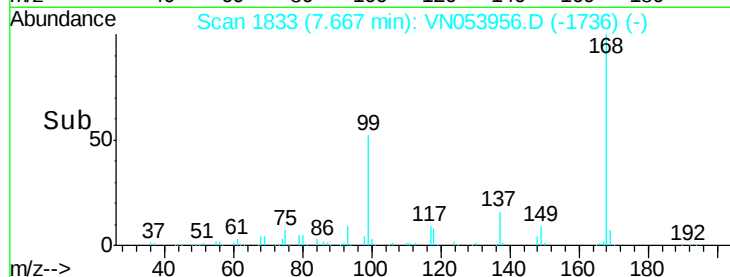
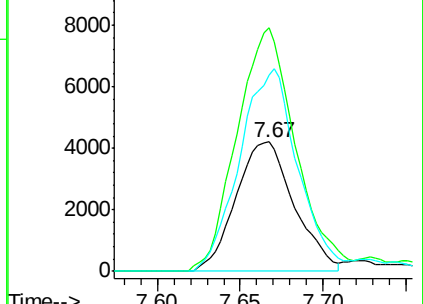
84 152.1 69.1 103.7#



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: 54.425 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053956.D

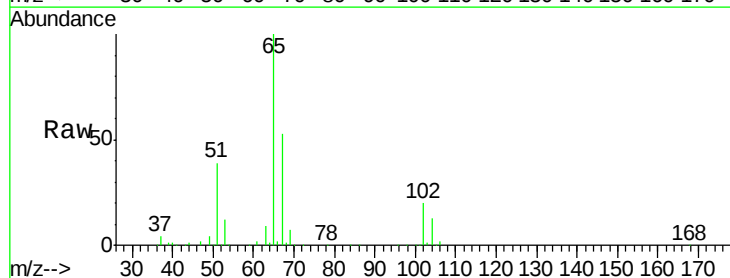
Acq: 26 Feb 2019 15:44

Tgt Ion: 65 Resp: 381133

Ion Ratio Lower Upper

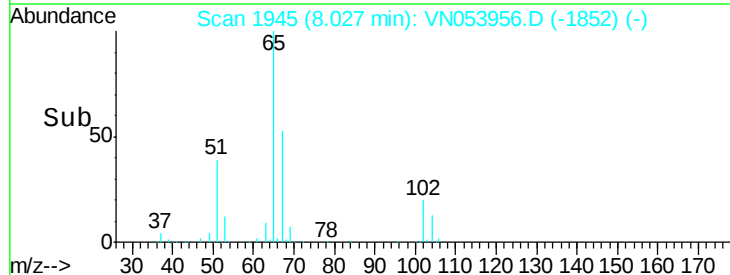
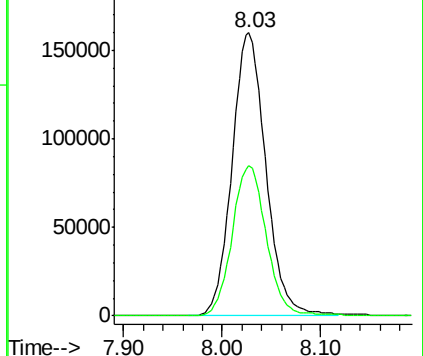
65 100

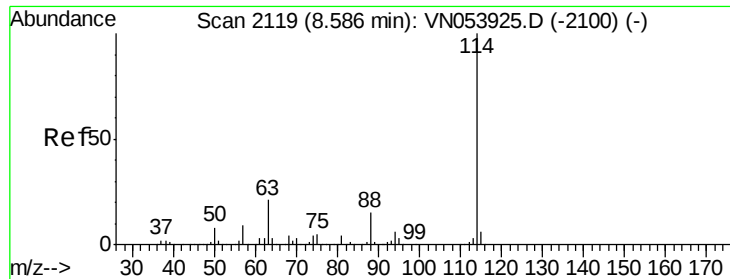
67 54.0 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

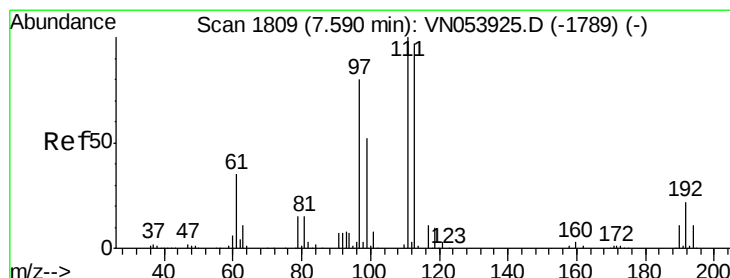
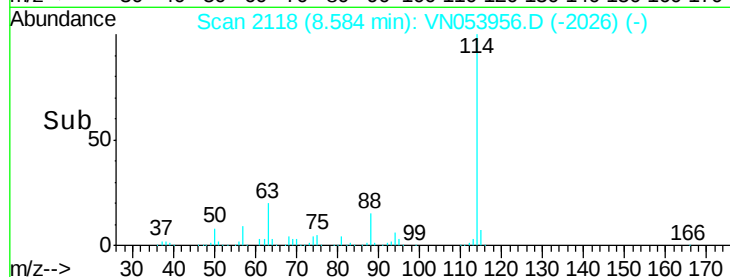
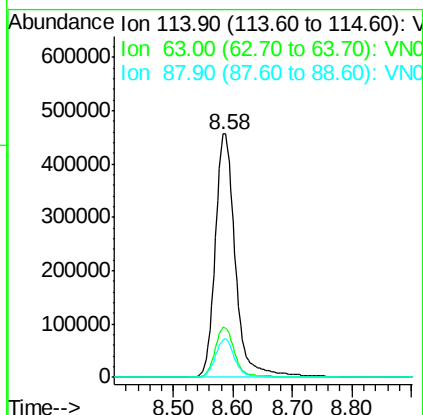
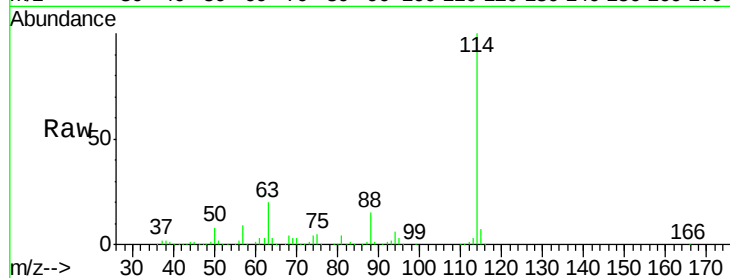




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN053956.D
 Acq: 26 Feb 2019 15:44

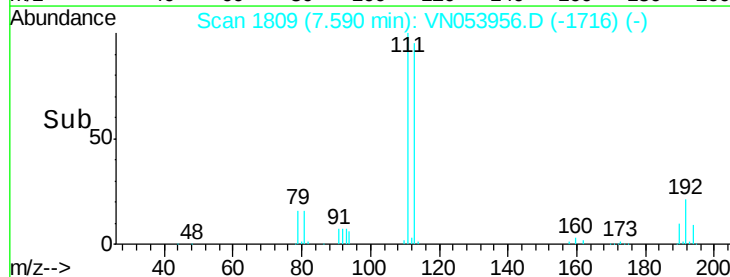
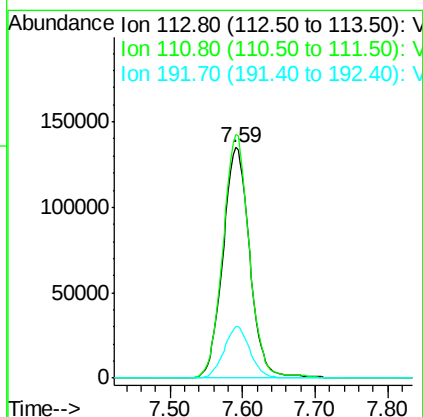
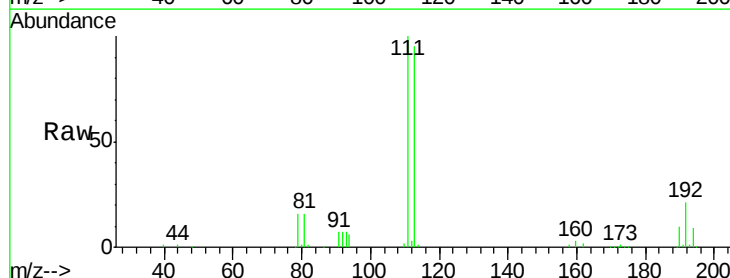
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-15

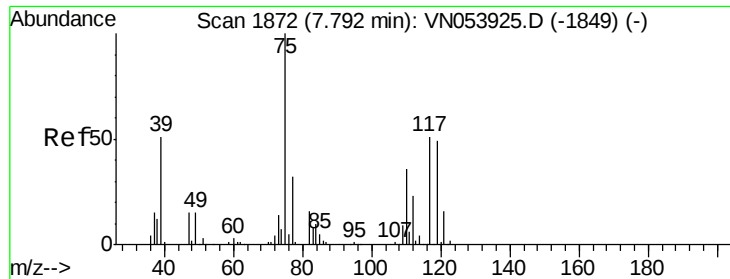
Tot Ion:114 Resp: 1072571
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 37.4
 88 15.4 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 50.209 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053956.D
 Acq: 26 Feb 2019 15:44

Tgt Ion:113 Resp: 348243
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.1 121.7
 192 21.5 18.8 28.2





#36

1,1-Dichloropropene

Concen: 4.231 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN053956.D

Acq: 26 Feb 2019 15:44

Instrument :

MSVOA_N

ClientSampled :

COMP-15

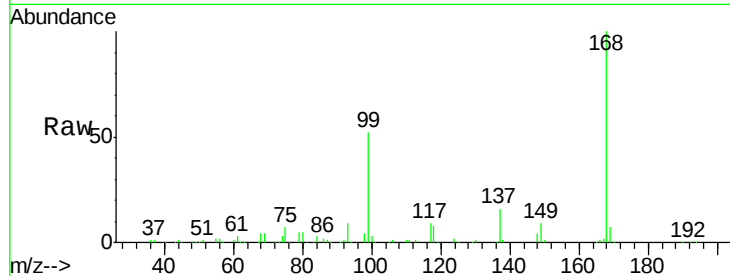
Tot Ion: 75 Resp: 42202

Ion Ratio Lower Upper

75 100

110 7.9 19.0 57.0#

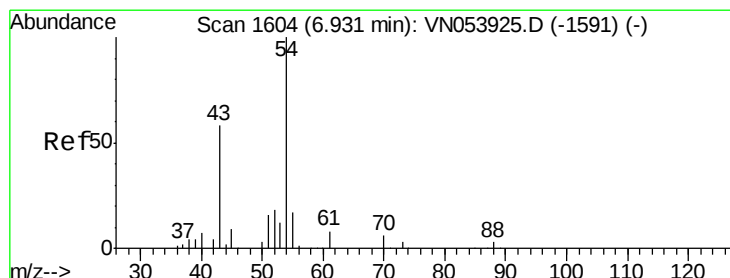
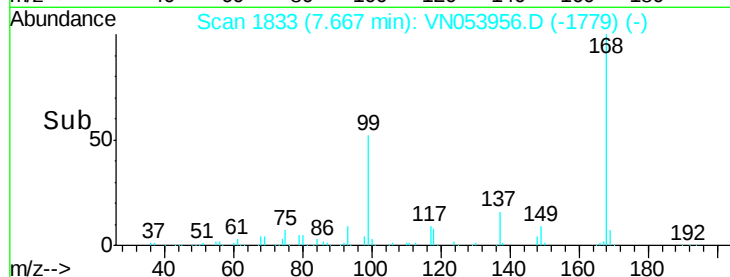
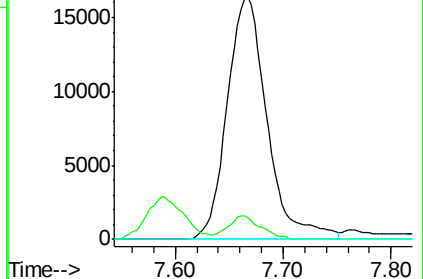
77 0.0 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#37

Ethyl Acetate

Concen: 1.104 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. -0.08 min

Lab File: VN053956.D

Acq: 26 Feb 2019 15:44

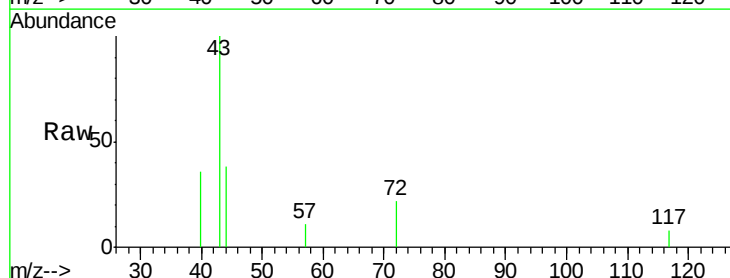
Tgt Ion: 43 Resp: 7862

Ion Ratio Lower Upper

43 100

61 0.0 12.0 18.0#

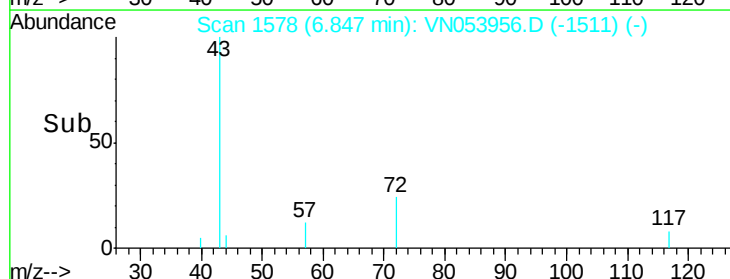
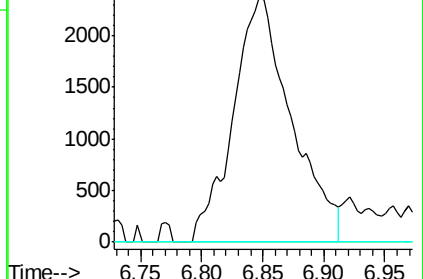
70 0.0 8.7 13.1#

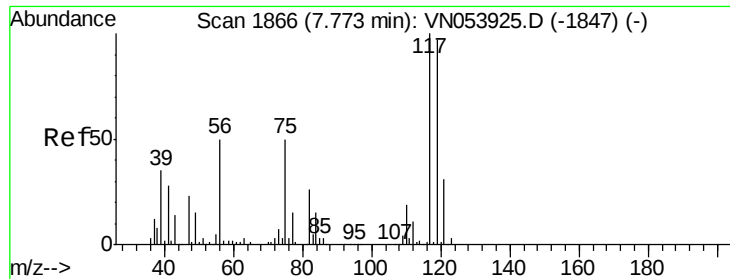


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0





#38

Carbon Tetrachloride

Concen: 4.992 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053956.D

Acq: 26 Feb 2019 15:44

Instrument :

MSVOA_N

ClientSampled :

COMP-15

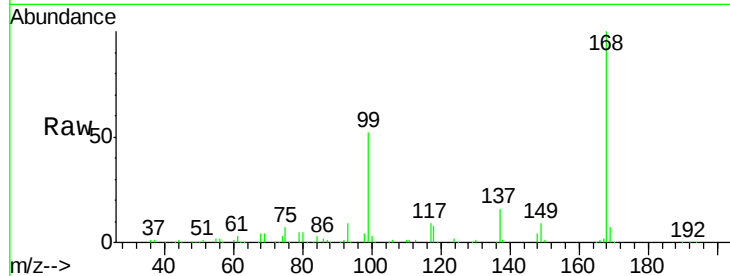
Tot Ion:117 Resp: 51781

Ion Ratio Lower Upper

117 100

119 4.2 76.2 114.2#

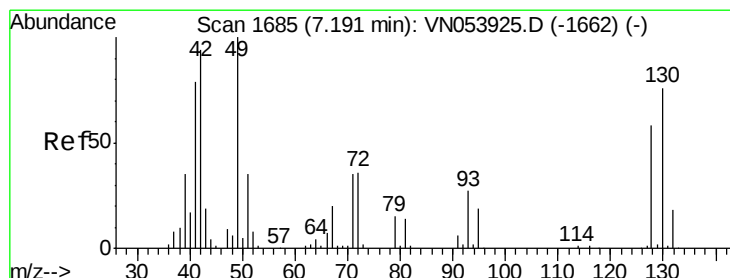
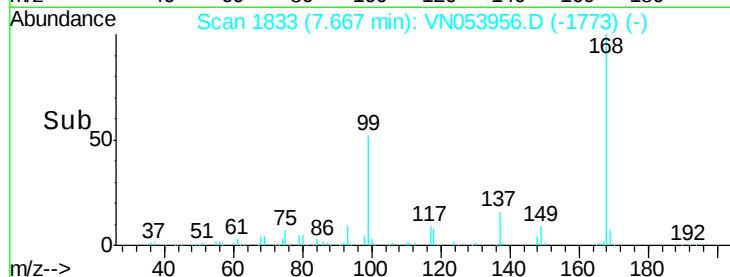
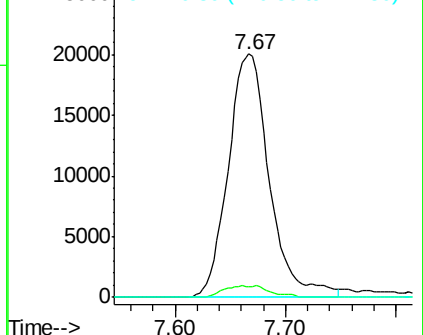
121 0.0 24.6 36.8#



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: 0.233 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.02 min

Lab File: VN053956.D

Acq: 26 Feb 2019 15:44

Tgt Ion: 41 Resp: 1068

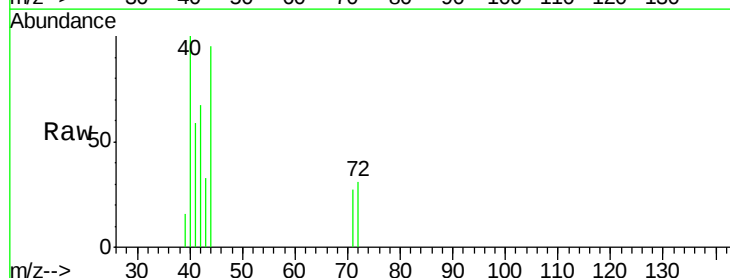
Ion Ratio Lower Upper

41 100

39 12.9 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

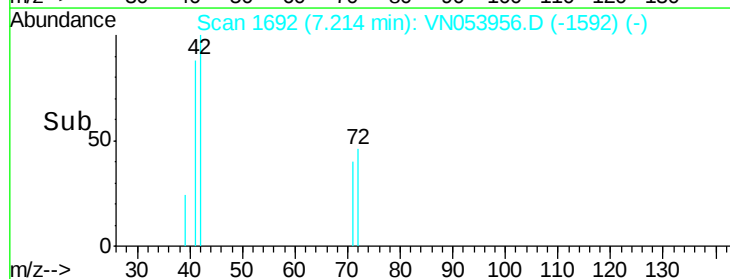
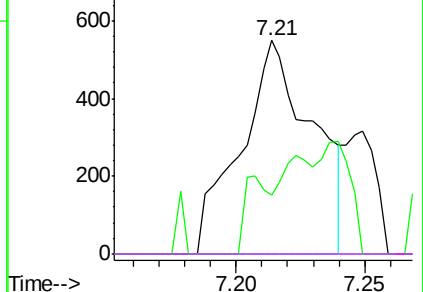


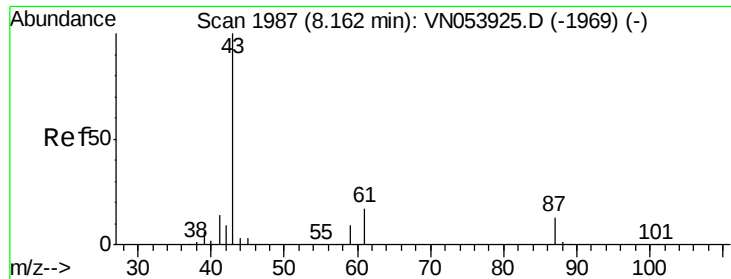
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 2.878 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN053956.D

Acq: 26 Feb 2019 15:44

Instrument :

MSVOA_N

ClientSampleId :

COMP-15

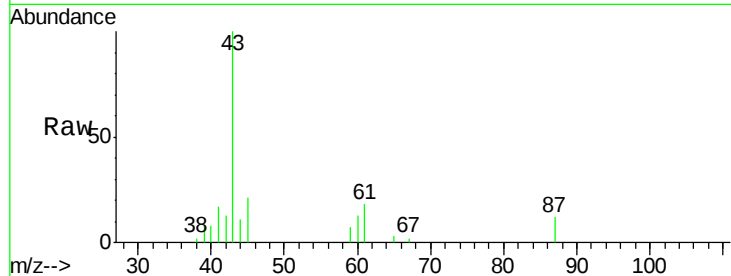
Tot Ion: 43 Resp: 34610

Ion Ratio Lower Upper

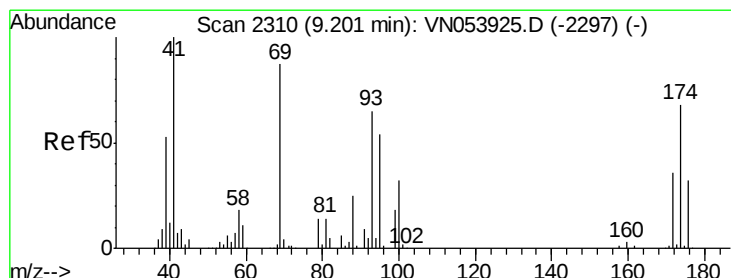
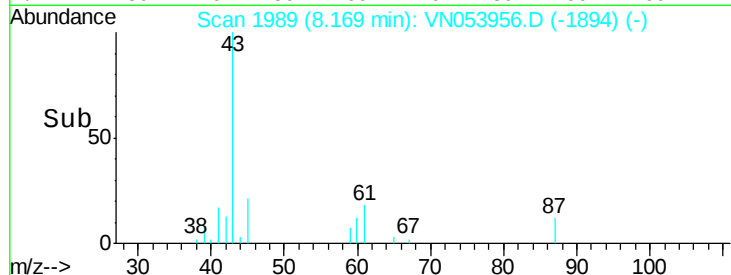
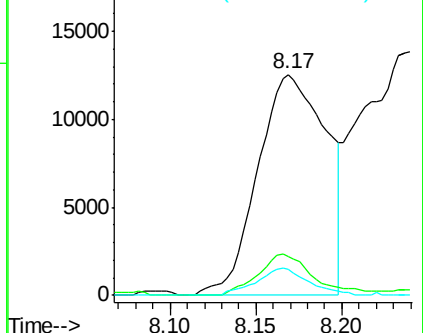
43 100

61 15.4 17.4 26.0#

87 9.3 11.5 17.3#



Abundance Ion 43.00 (42.70 to 43.70): VNC
Ion 61.00 (60.70 to 61.70): VNC
Ion 87.00 (86.70 to 87.70): VNC



#48

Methyl methacrylate

Concen: 2.111 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN053956.D

Acq: 26 Feb 2019 15:44

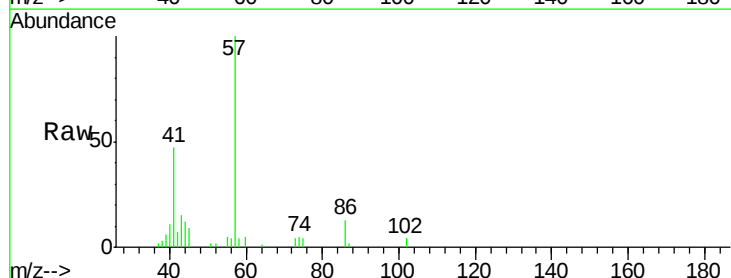
Tgt Ion: 41 Resp: 11676

Ion Ratio Lower Upper

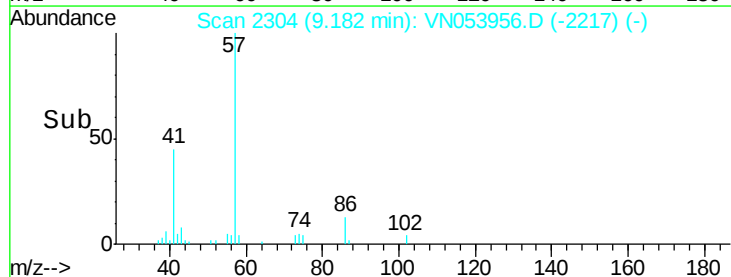
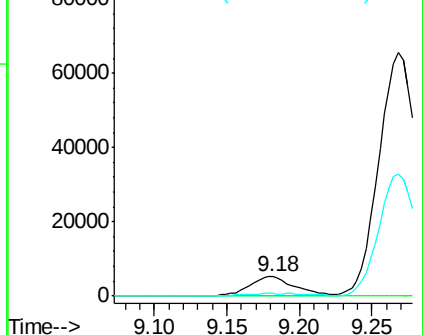
41 100

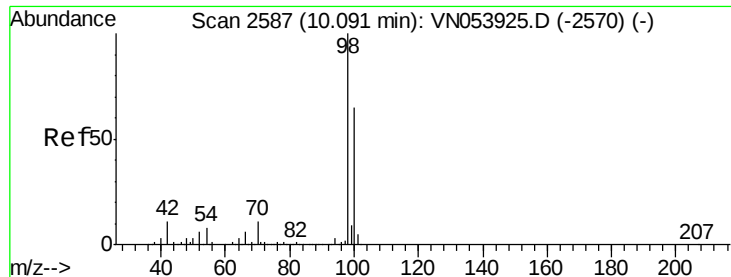
69 0.0 74.8 112.2#

39 0.0 39.0 58.6#



Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC





#50

Toluene-d8

Concen: 53.033 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053956.D

Acq: 26 Feb 2019 15:44

Instrument :

MSVOA_N

ClientSampled :

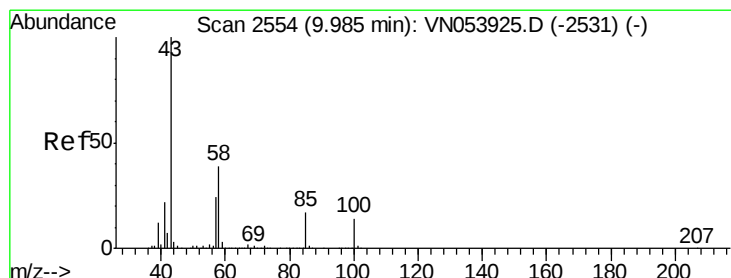
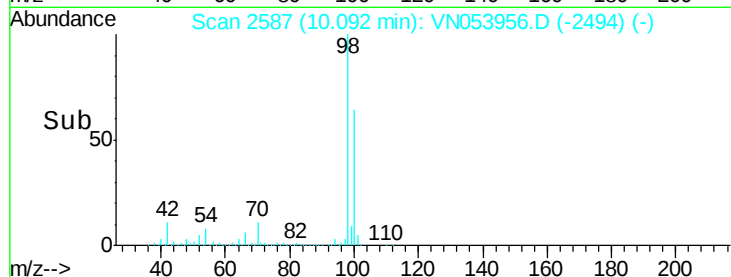
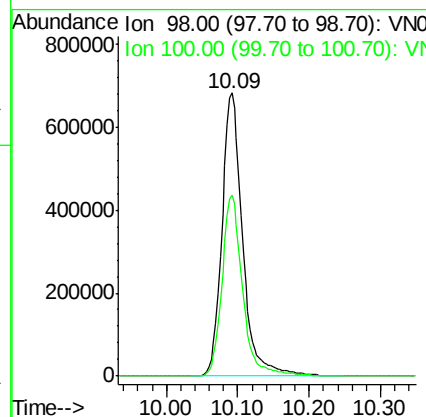
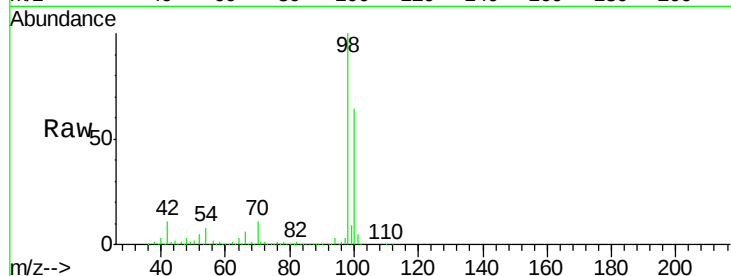
COMP-15

Tot Ion: 98 Resp: 1369259

Ion Ratio Lower Upper

98 100

100 63.7 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 1.336 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN053956.D

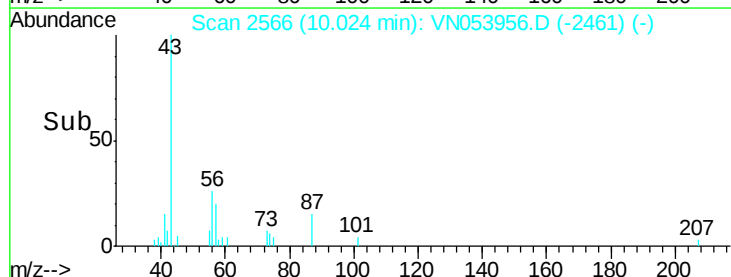
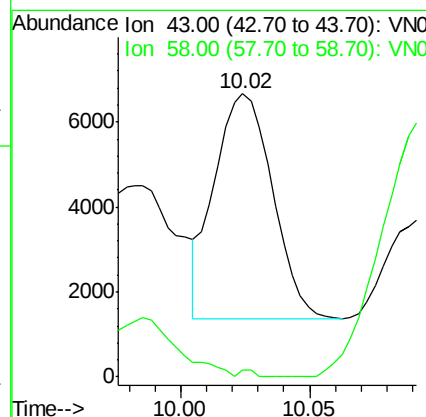
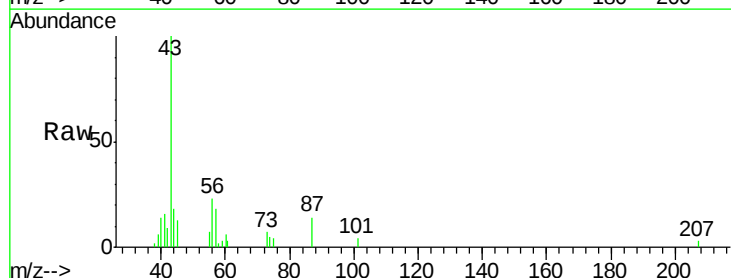
Acq: 26 Feb 2019 15:44

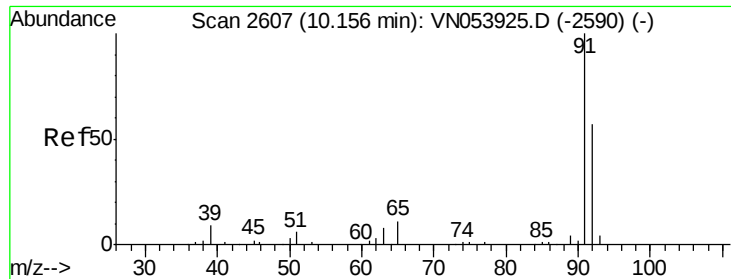
Tgt Ion: 43 Resp: 8254

Ion Ratio Lower Upper

43 100

58 0.0 32.7 49.1#





#52

Toluene

Concen: 0.210 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053956.D

Acq: 26 Feb 2019 15:44

Instrument :

MSVOA_N

ClientSampled :

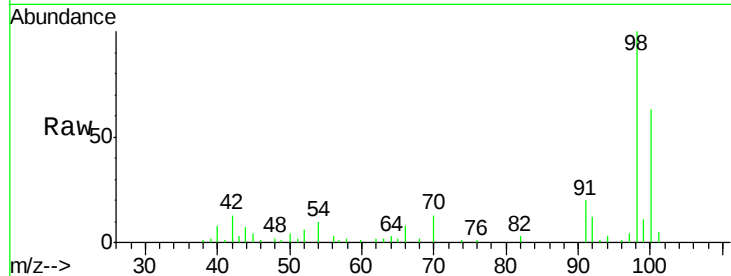
COMP-15

Tot Ion: 92 Resp: 3788

Ion Ratio Lower Upper

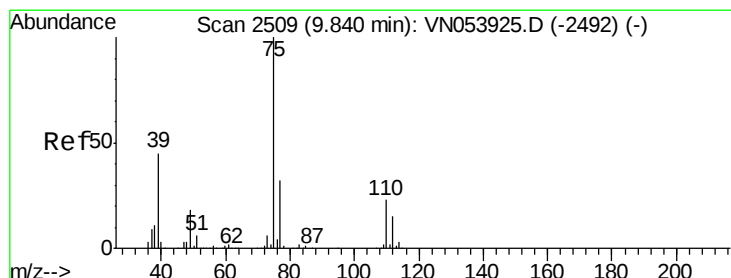
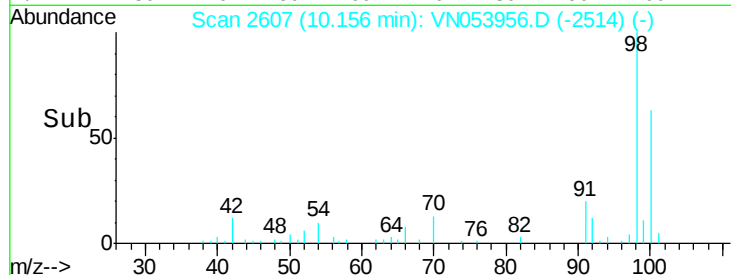
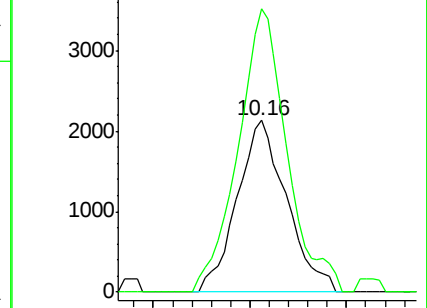
92 100

91 163.2 138.4 207.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 5.494 ug/l

RT: 9.91 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN053956.D

Acq: 26 Feb 2019 15:44

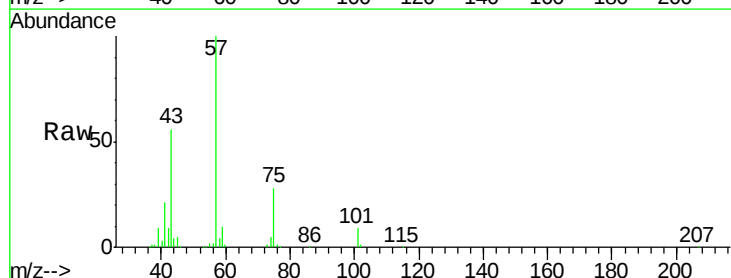
Tgt Ion: 75 Resp: 63741

Ion Ratio Lower Upper

75 100

77 0.5 25.8 38.6#

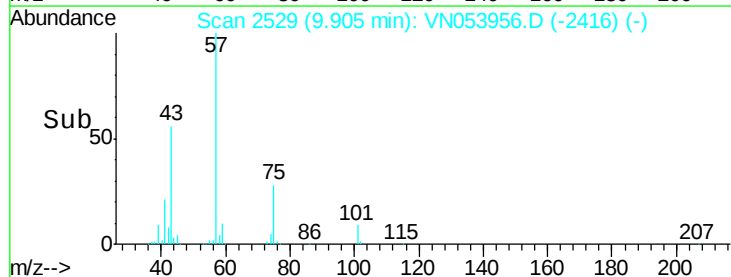
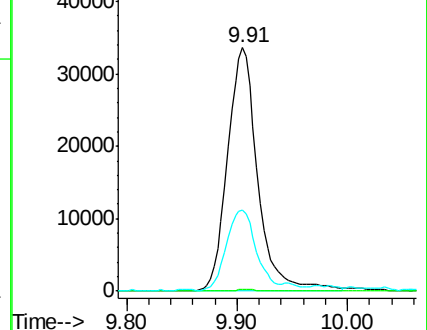
39 32.6 31.4 47.0

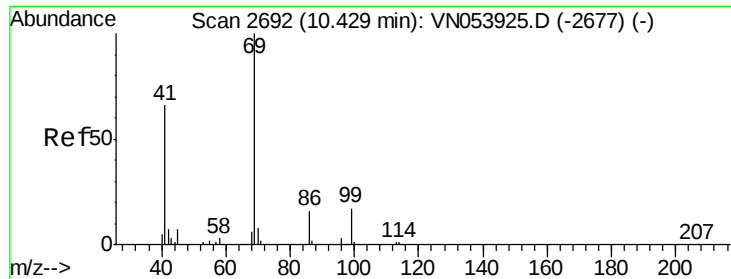


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#56

Ethyl methacrylate

Concen: 2.112 ug/l

RT: 10.54 min Scan# 2728

Delta R.T. 0.12 min

Lab File: VN053956.D

Acq: 26 Feb 2019 15:44

Instrument :

MSVOA_N

ClientSampled :

COMP-15

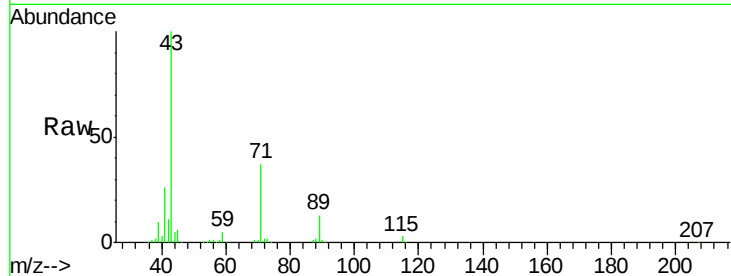
Tot Ion: 69 Resp: 1447

Ion Ratio Lower Upper

69 100

41 3608.6 47.5 71.3#

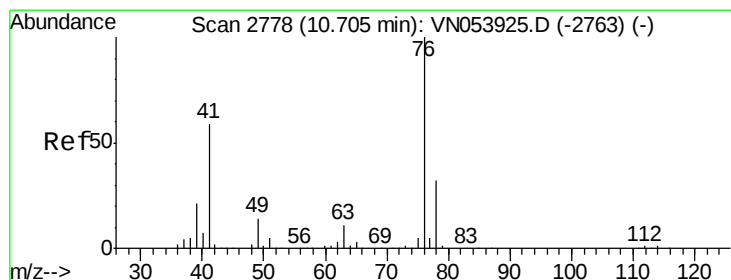
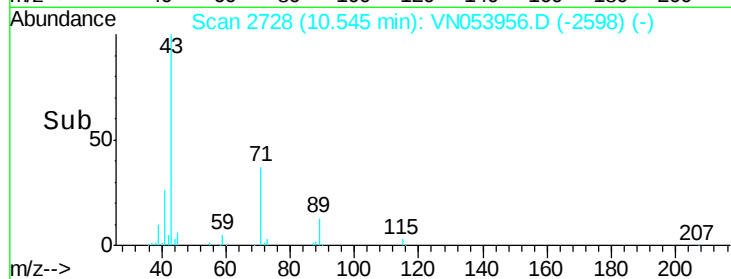
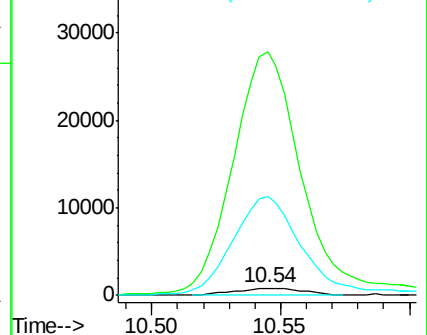
39 1493.2 23.4 35.0#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 0.937 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN053956.D

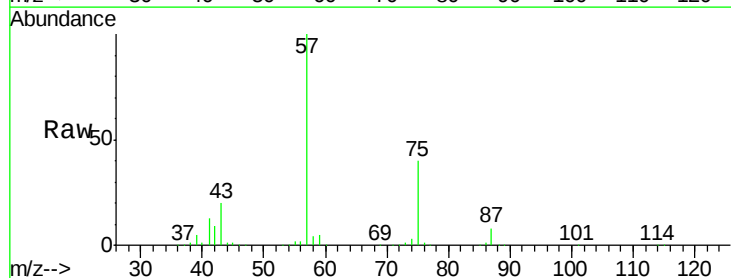
Acq: 26 Feb 2019 15:44

Tgt Ion: 76 Resp: 10669

Ion Ratio Lower Upper

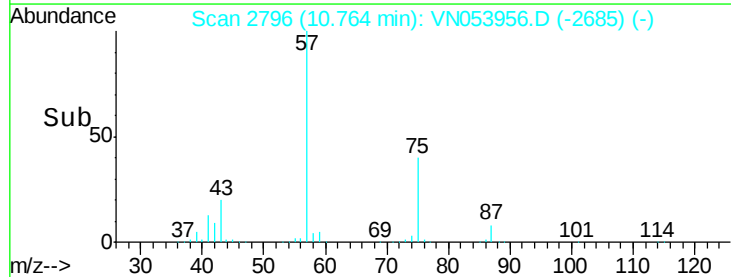
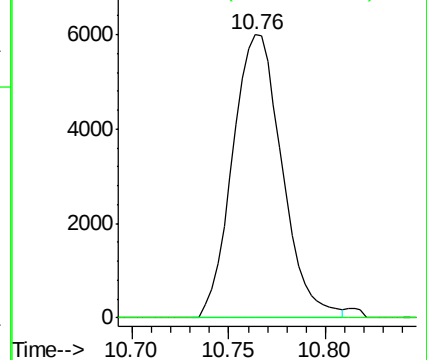
76 100

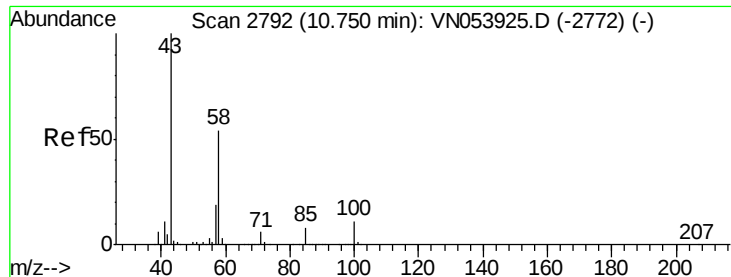
78 0.0 25.2 37.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

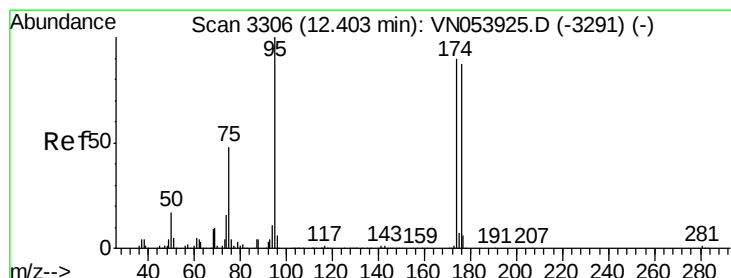
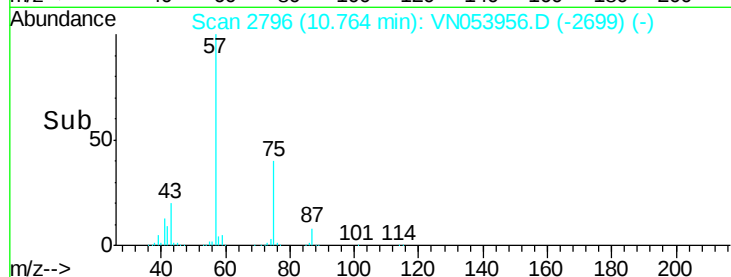
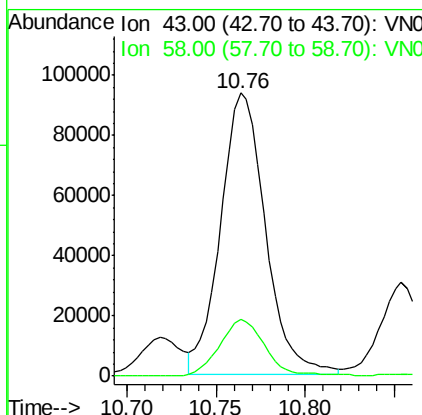
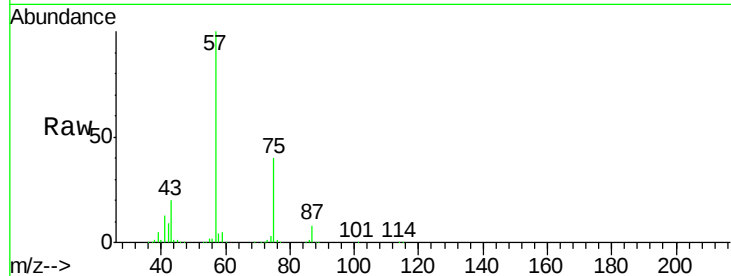




#59
2-Hexanone
Concen: 40.627 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053956.D
Acq: 26 Feb 2019 15:44

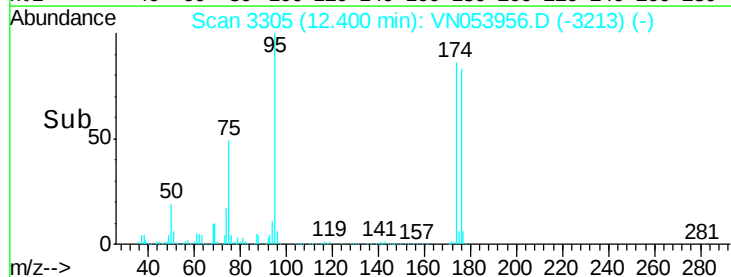
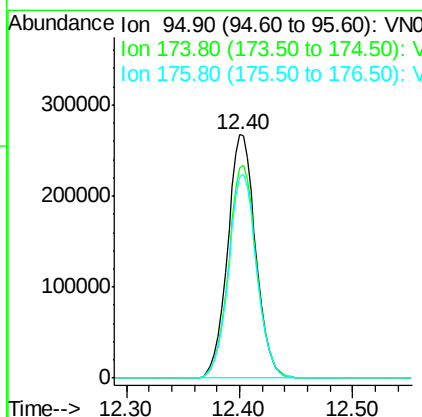
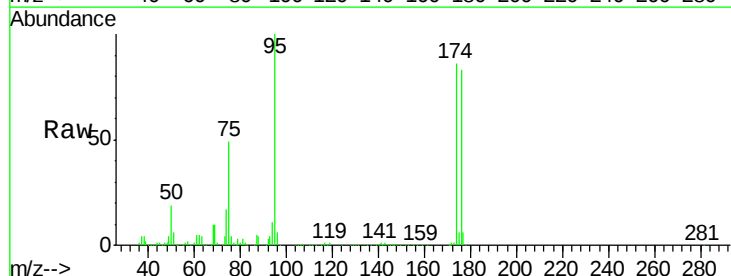
Instrument :
MSVOA_N
ClientSampled :
COMP-15

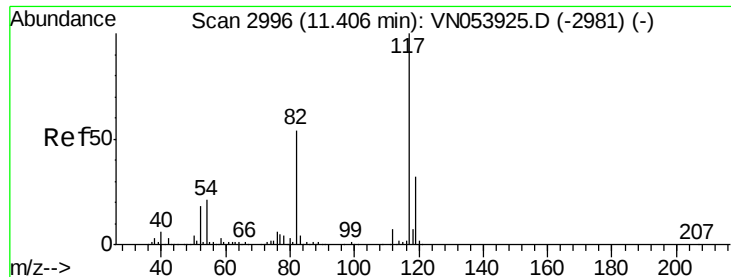
Tot Ion: 43 Resp: 163280
Ion Ratio Lower Upper
43 100
58 20.6 29.1 87.4#



#62
4-Bromofluorobenzene
Concen: 53.315 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053956.D
Acq: 26 Feb 2019 15:44

Tgt Ion: 95 Resp: 458630
Ion Ratio Lower Upper
95 100
174 87.6 0.0 188.8
176 84.1 0.0 182.6

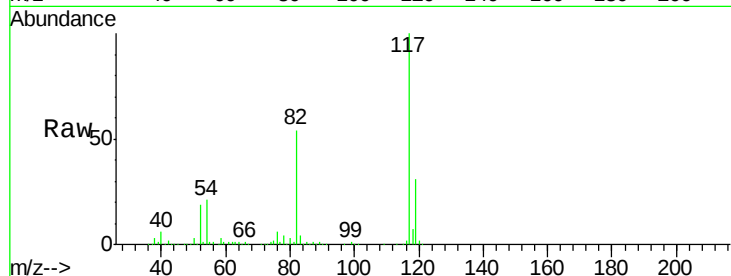




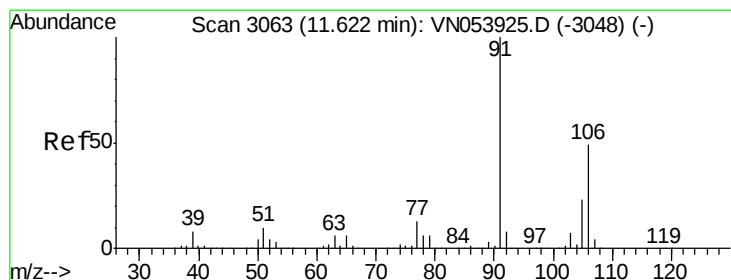
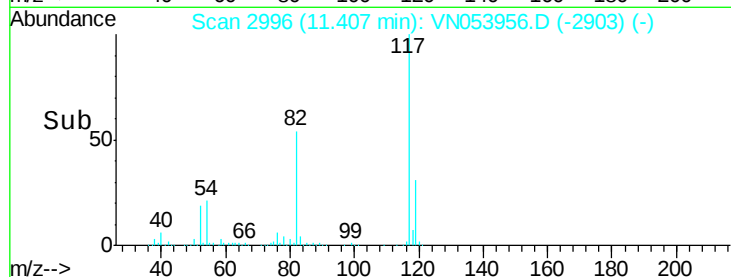
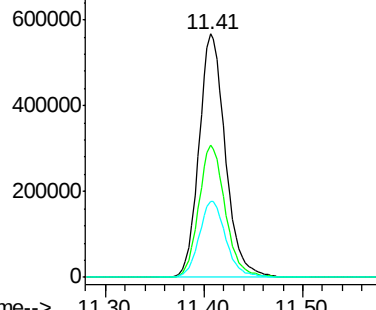
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053956.D
Acq: 26 Feb 2019 15:44

Instrument :
MSVOA_N
ClientSampleId :
COMP-15

Tot Ion:117 Resp: 1058552
Ion Ratio Lower Upper
117 100
82 54.1 41.4 62.2
119 31.4 25.3 37.9

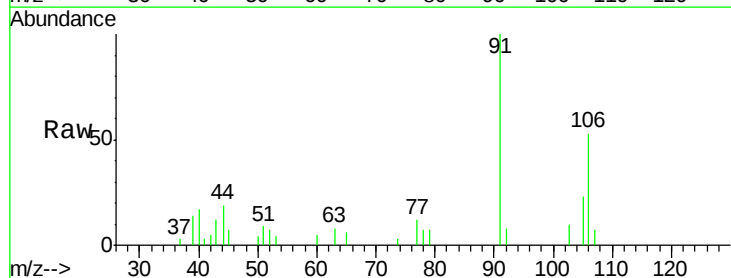


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

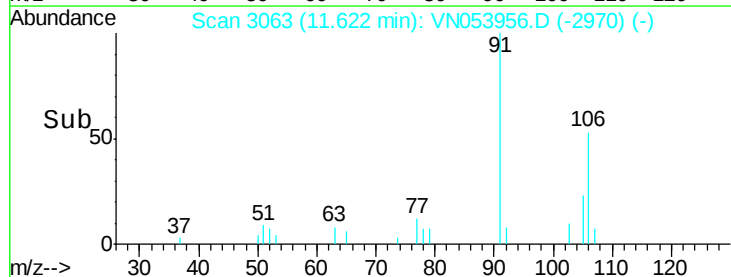
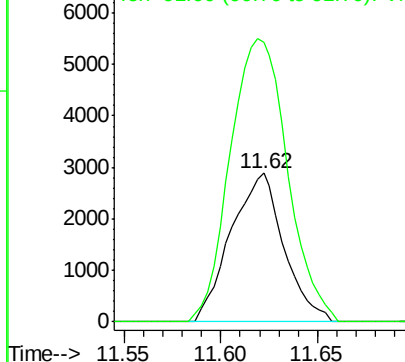


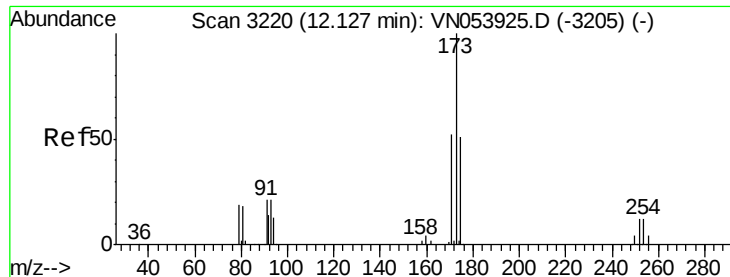
#68
m/p-Xylenes
Concen: 0.389 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053956.D
Acq: 26 Feb 2019 15:44

Tgt Ion:106 Resp: 5501
Ion Ratio Lower Upper
106 100
91 205.6 158.9 238.3



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





#71

Bromoform

Concen: 0.596 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN053956.D

Acq: 26 Feb 2019 15:44

Instrument :

MSVOA_N

ClientSampled :

COMP-15

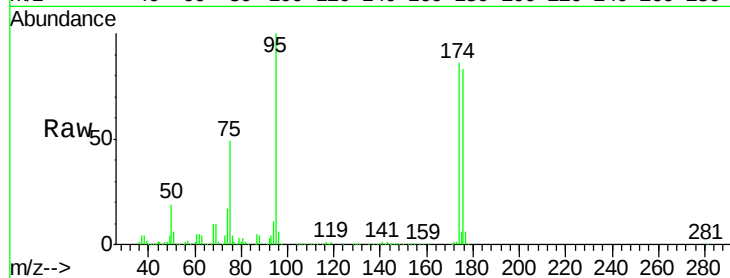
Tot Ion:173 Resp: 3338

Ion Ratio Lower Upper

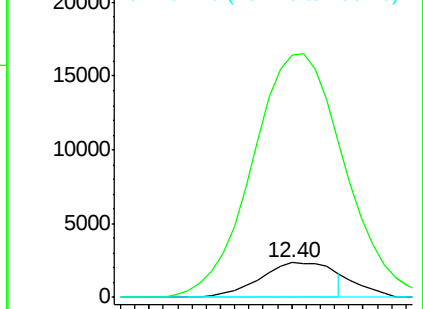
173 100

175 754.4 24.3 72.8#

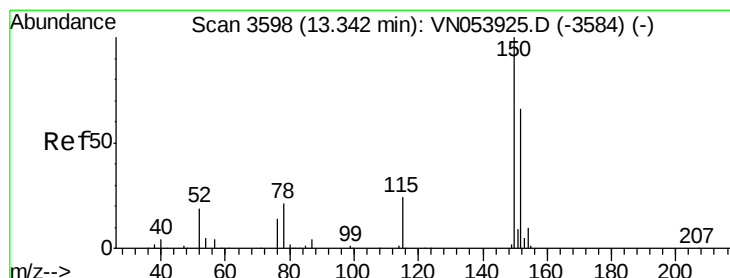
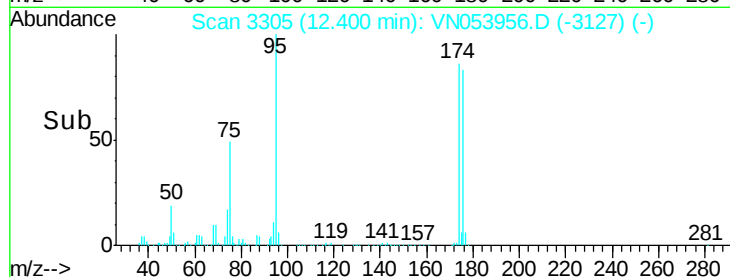
254 0.0 0.2 0.2#



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



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN053956.D

Acq: 26 Feb 2019 15:44

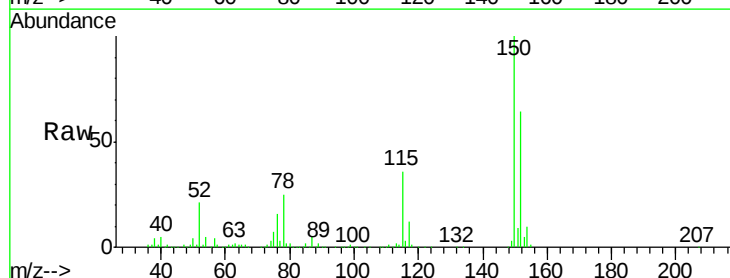
Tgt Ion:152 Resp: 406750

Ion Ratio Lower Upper

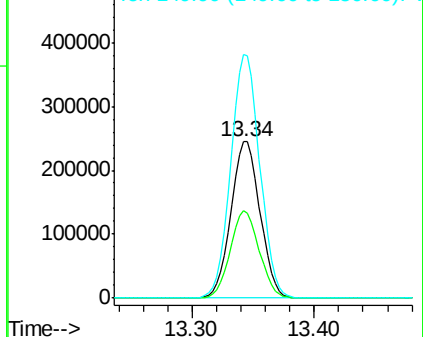
152 100

115 55.6 27.2 81.6

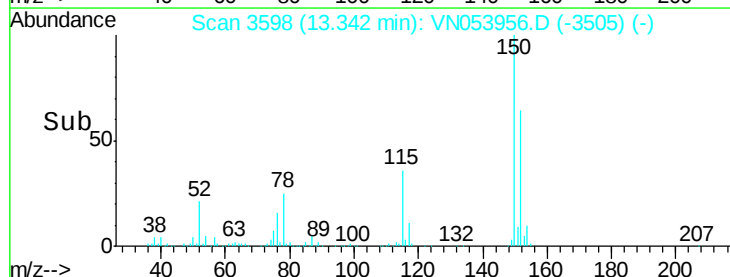
150 155.4 0.0 348.2

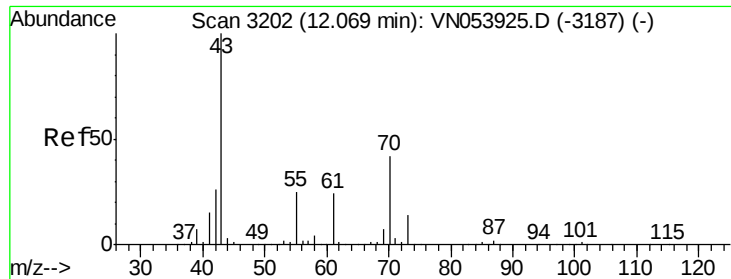


Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



Time-->





#74

N-amyl acetate

Concen: 1.809 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN053956.D

Acq: 26 Feb 2019 15:44

Instrument :

MSVOA_N

ClientSampleId :

COMP-15

Tot Ion: 43 Resp: 15012

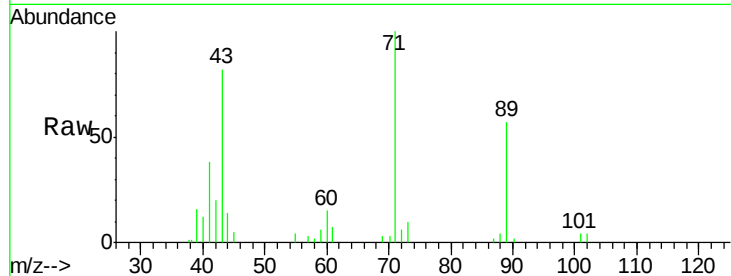
Ion Ratio Lower Upper

43 100

70 2.8 37.4 56.2#

55 3.6 21.4 32.0#

61 10.3 20.9 31.3#

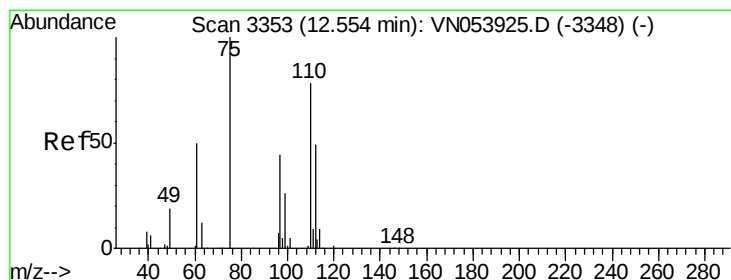
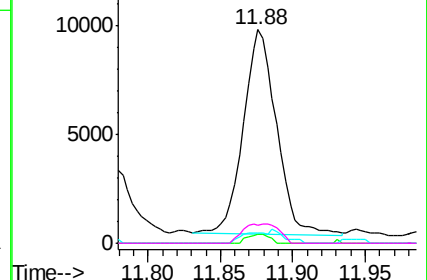
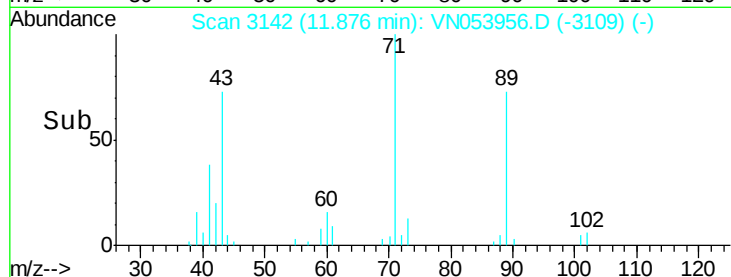


Abundance Ion 43.00 (42.70 to 43.70): VNO

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: 34.172 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053956.D

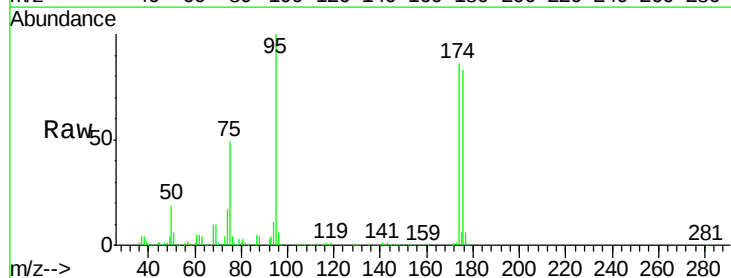
Acq: 26 Feb 2019 15:44

Tgt Ion: 75 Resp: 222970

Ion Ratio Lower Upper

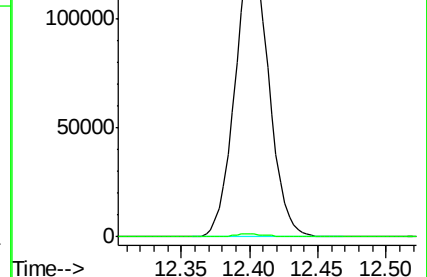
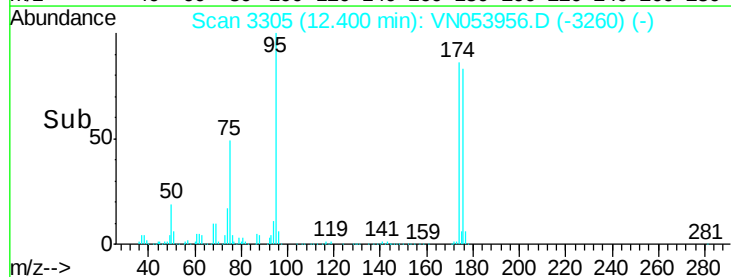
75 100

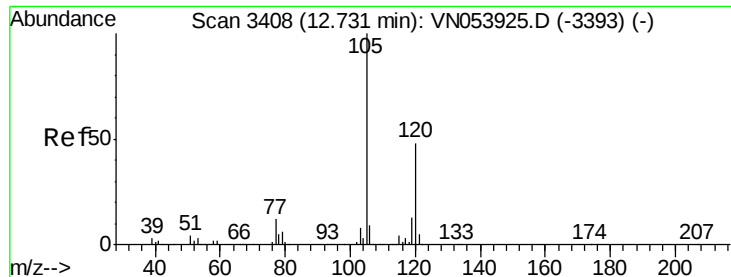
77 1.1 0.0 0.0#



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: 0.281 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053956.D

Acq: 26 Feb 2019 15:44

Instrument :

MSVOA_N

ClientSampled :

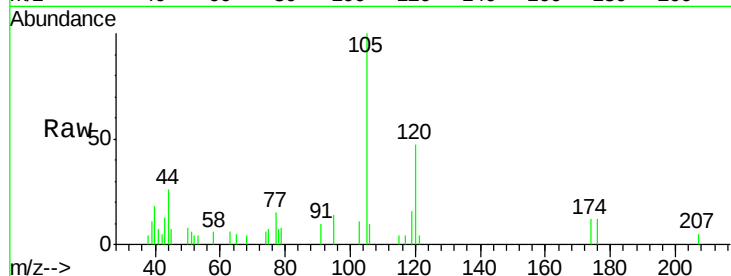
COMP-15

Tot Ion:105 Resp: 7282

Ion Ratio Lower Upper

105 100

120 49.1 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.73

5000

4000

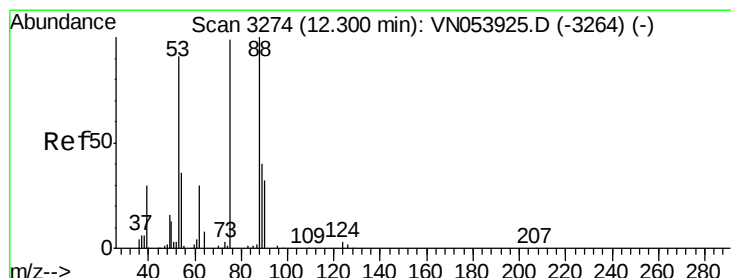
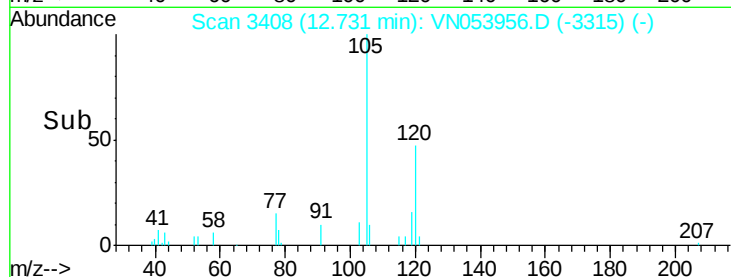
3000

2000

1000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 108.004 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053956.D

Acq: 26 Feb 2019 15:44

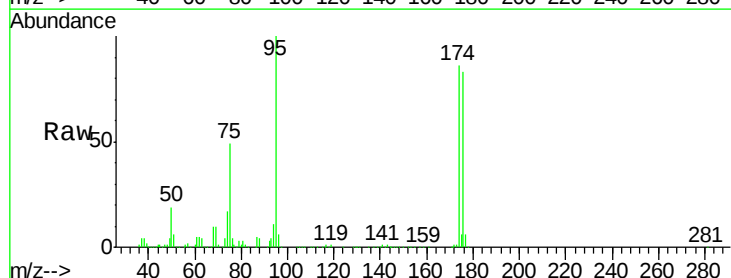
Tgt Ion: 75 Resp: 222970

Ion Ratio Lower Upper

75 100

53 0.1 68.6 102.8#

89 0.0 35.3 52.9#



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

12.40

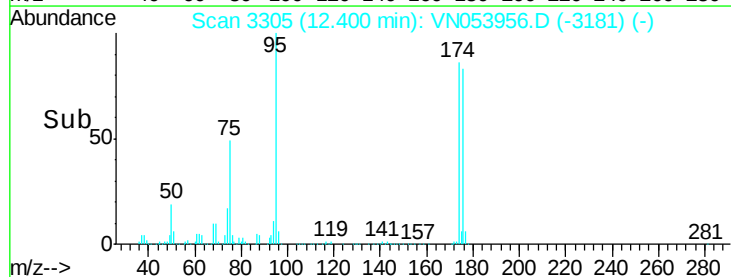
150000

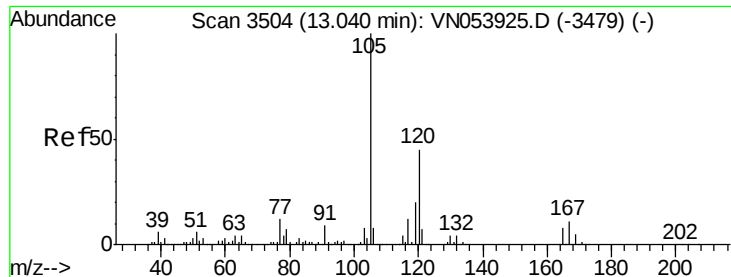
100000

50000

0

Time-->





#84

1,2,4-Trimethylbenzene

Concen: 0.774 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN053956.D

Acq: 26 Feb 2019 15:44

Instrument :

MSVOA_N

ClientSampled :

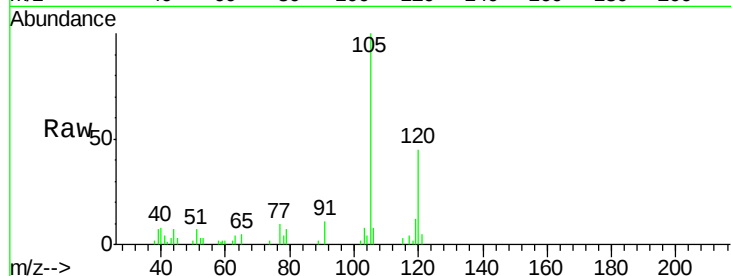
COMP-15

Tot Ion:105 Resp: 20028

Ion Ratio Lower Upper

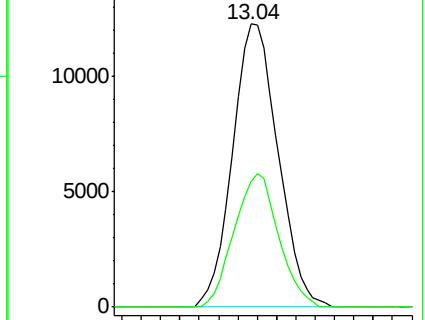
105 100

120 46.1 23.2 69.5

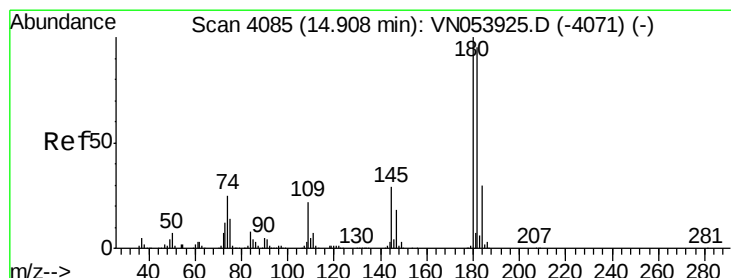
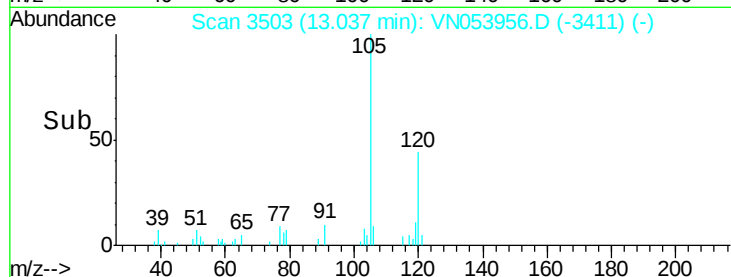


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#93

1,2,4-Trichlorobenzene

Concen: 2.268 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN053956.D

Acq: 26 Feb 2019 15:44

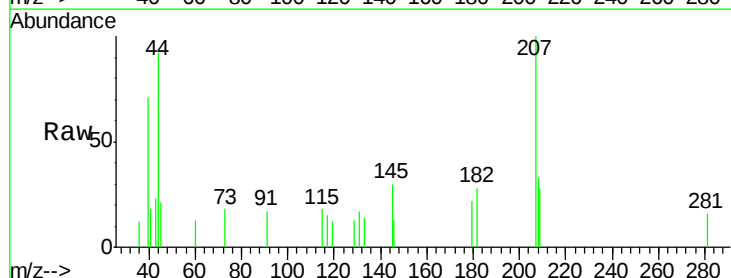
Tgt Ion:180 Resp: 358

Ion Ratio Lower Upper

180 100

182 112.6 48.6 145.9

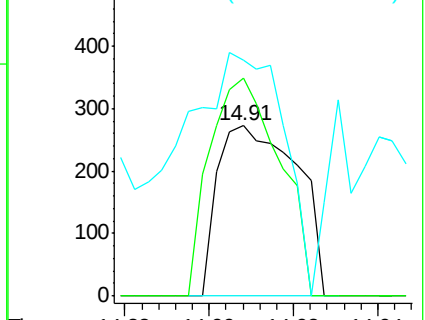
145 177.4 13.8 41.3#



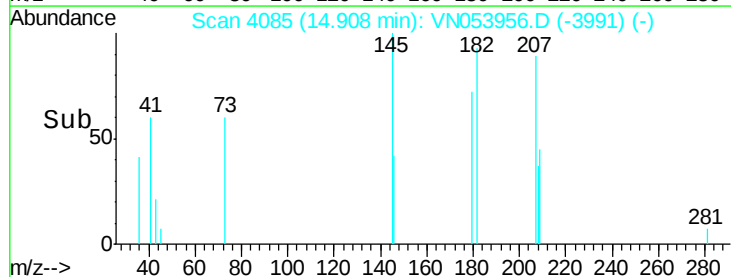
Abundance Ion 179.80 (179.50 to 180.50): V

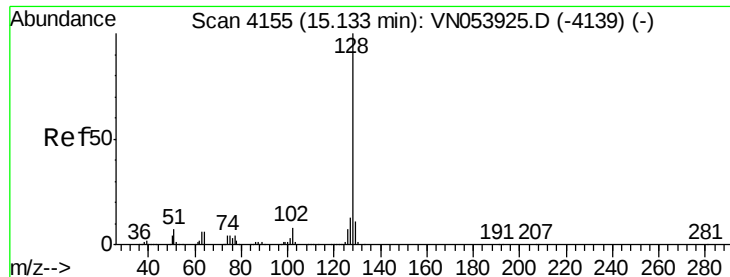
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



Time-->

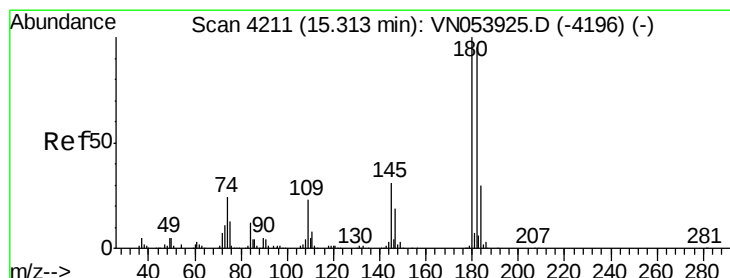
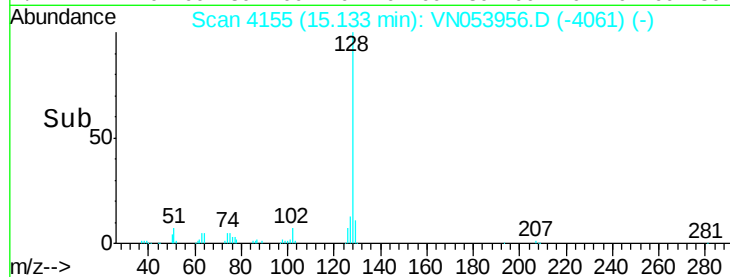
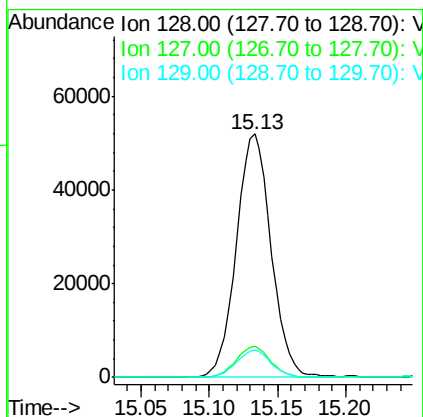
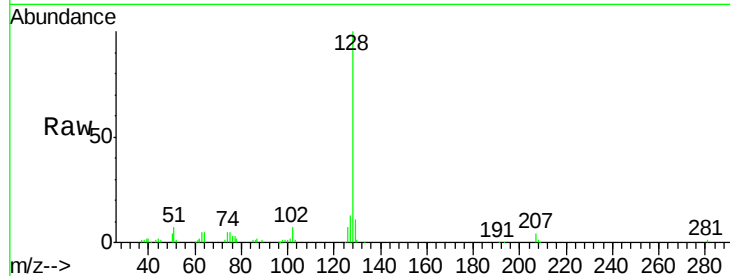




#95
Naphthalene
Concen: 8.559 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053956.D
Acq: 26 Feb 2019 15:44

Instrument :
MSVOA_N
ClientSampled :
COMP-15

Tot Ion:128 Resp: 92028
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 11.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 1.567 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN053956.D
Acq: 26 Feb 2019 15:44

Tgt Ion:180 Resp: 69
Ion Ratio Lower Upper
180 100
182 0.0 47.3 141.8#
145 0.0 14.4 43.0#

