

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022619\
 Data File : VN053949.D
 Acq On : 26 Feb 2019 12:37
 Operator : JC/SP
 Sample : K1596-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-14

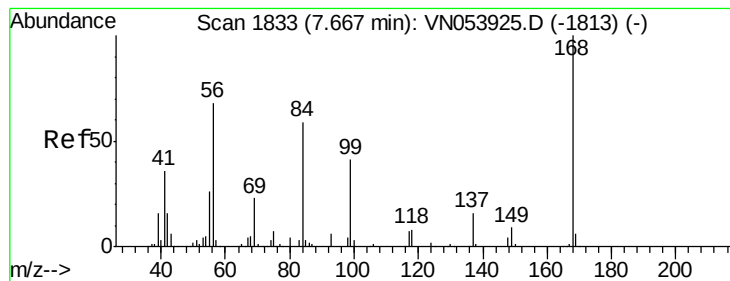
Quant Time: Feb 27 02:24:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 05:37:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	589181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1042012	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1030048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	382906	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	376219	54.47	ug/l	0.00
Spiked Amount			Recovery	=	108.94%	
35) Dibromofluoromethane	7.59	113	340776	50.57	ug/l	0.00
Spiked Amount			Recovery	=	101.14%	
50) Toluene-d8	10.09	98	1340602	53.45	ug/l	0.00
Spiked Amount			Recovery	=	106.90%	
62) 4-Bromofluorobenzene	12.40	95	442184	52.91	ug/l	0.00
Spiked Amount			Recovery	=	105.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.79	59	366	0.836	ug/l #	73
13) Acrolein	3.61	56	275	0.607	ug/l #	64
16) Acetone	3.82	43	20775	Below Cal		92
17) Carbon Disulfide	4.05	76	3928	0.209	ug/l #	74
18) Methyl Acetate	4.32	43	1739	0.360	ug/l #	57
20) Methylene Chloride	4.55	84	16244	2.376	ug/l	96
25) 2-Butanone	6.85	43	7086	2.613	ug/l	92
29) Tetrahydrofuran	7.21	42	1218	0.674	ug/l #	70
31) Cyclohexane	7.66	56	10852	0.577	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	39764	4.103	ug/l #	48
38) Carbon Tetrachloride	7.67	117	49377	4.899	ug/l #	18
41) Methacrylonitrile	7.21	41	1194	0.268	ug/l #	100
43) Isopropyl Acetate	8.17	43	31778	2.720	ug/l #	88
45) 1,2-Dichloropropane	9.27	63	1715	0.214	ug/l #	44
48) Methyl methacrylate	9.18	41	11904	2.215	ug/l #	12
49) 1,4-Dioxane	9.27	88	62	0.852	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	8767	1.460	ug/l #	65
54) cis-1,3-Dichloropropene	9.90	75	63152	5.603	ug/l #	70
56) Ethyl methacrylate	10.44	69	104	1.967	ug/l #	29
57) 1,3-Dichloropropane	10.76	76	11300	1.022	ug/l #	43
59) 2-Hexanone	10.76	43	165799	42.464	ug/l #	49
68) m/p-Xylenes	11.62	106	6674	0.485	ug/l	96
69) o-Xylene	11.95	106	3953	0.292	ug/l	95
71) Bromoform	12.40	173	3606	0.662	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	217707	35.443	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	9771	0.400	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	217707	112.021	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	29994	1.231	ug/l	99
93) 1,2,4-Trichlorobenzene	14.91	180	2322	2.538	ug/l	86
95) Naphthalene	15.14	128	7671	3.685	ug/l	97
96) 1,2,3-Trichlorobenzene	15.32	180	2851	1.967	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053949.D

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MSVOA_N

ClientSampleId :

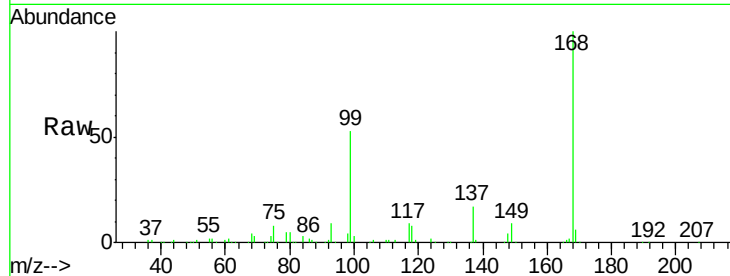
COMP-14

Tot Ion:168 Resp: 589181

Ion Ratio Lower Upper

168 100

99 52.7 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

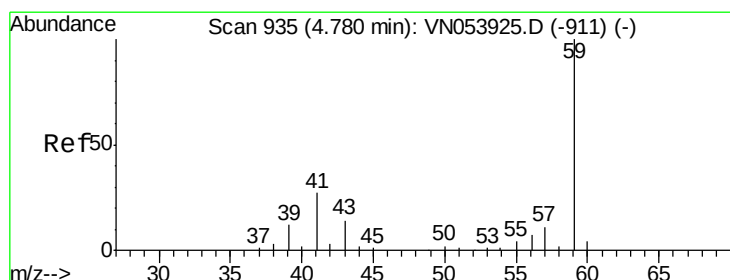
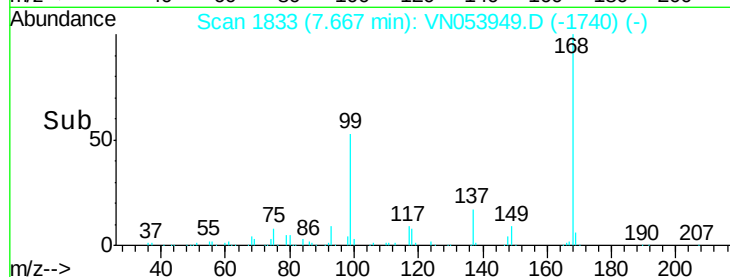
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#11

Tert butyl alcohol

Concen: 0.836 ug/l

RT: 4.79 min Scan# 937

Delta R.T. 0.01 min

Lab File: VN053949.D

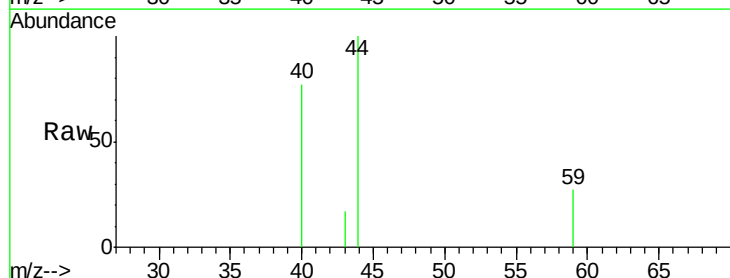
Acq: 26 Feb 2019 12:37

Tgt Ion: 59 Resp: 366

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.79

250

200

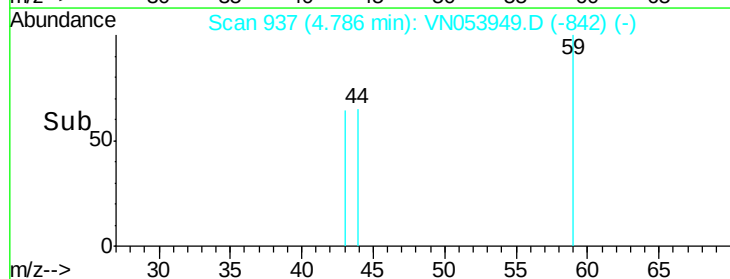
150

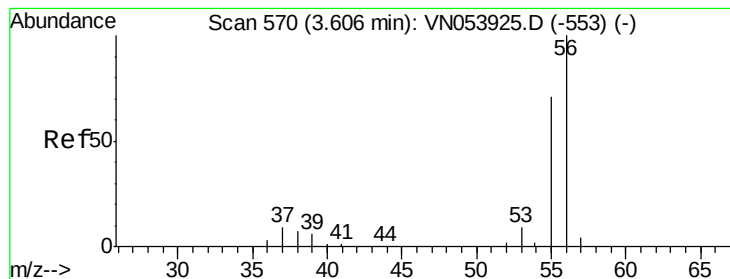
100

50

0

Time--> 4.74 4.76 4.78 4.80





#13

Acrolein

Concen: 0.607 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN053949.D

Acq: 26 Feb 2019 12:37

Instrument :

MSVOA_N

ClientSampled :

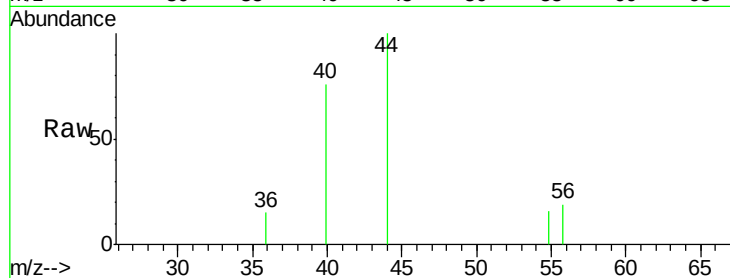
COMP-14

Tot Ion: 56 Resp: 275

Ion Ratio Lower Upper

56 100

55 40.7 56.3 84.5#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

250

200

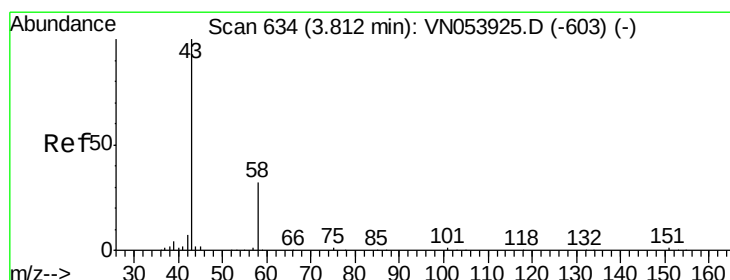
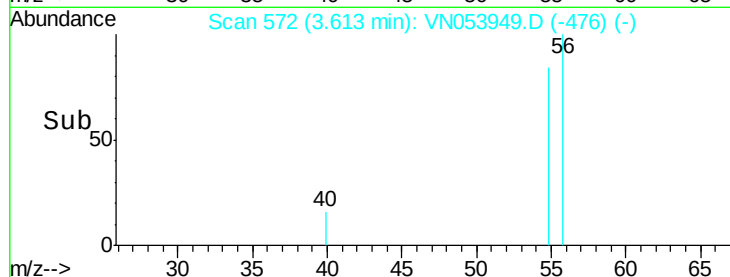
150

100

50

0

Time-->



#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053949.D

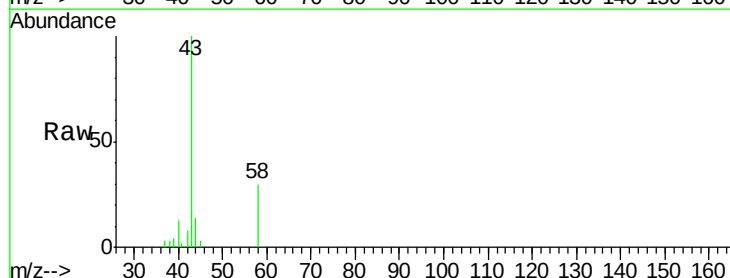
Acq: 26 Feb 2019 12:37

Tgt Ion: 43 Resp: 20775

Ion Ratio Lower Upper

43 100

58 30.0 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

8000

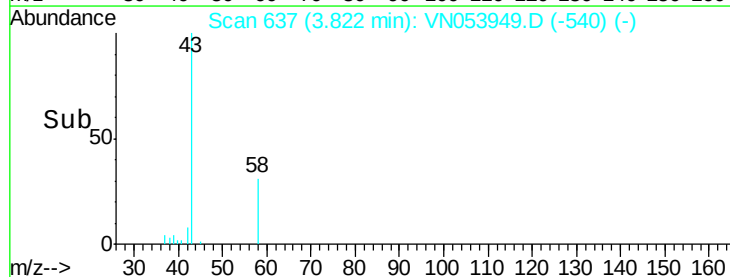
6000

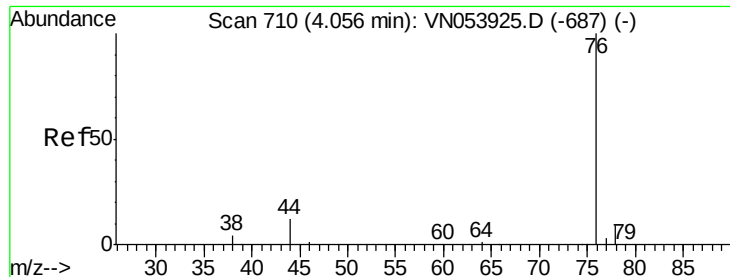
4000

2000

0

Time-->





#17

Carbon Disulfide

Concen: 0.209 ug/l

RT: 4.05 min Scan# 709

Delta R.T. -0.00 min

Lab File: VN053949.D

Acq: 26 Feb 2019 12:37

Instrument :

MSVOA_N

ClientSampled :

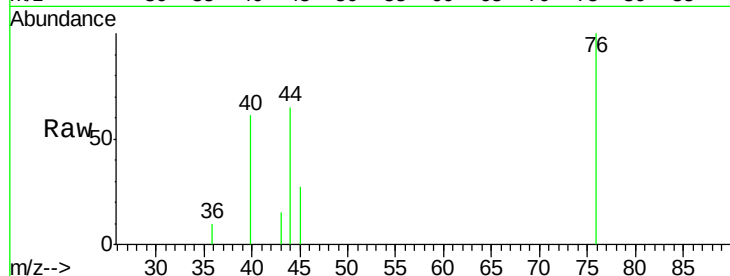
COMP-14

Tot Ion: 76 Resp: 3928

Ion Ratio Lower Upper

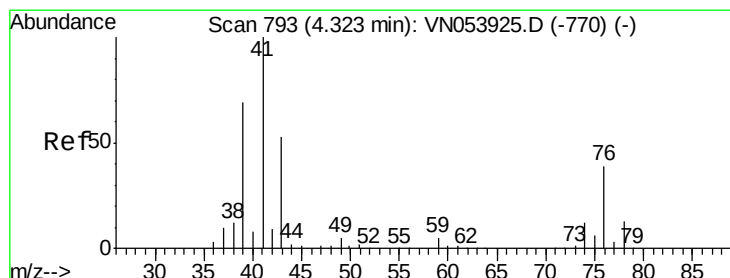
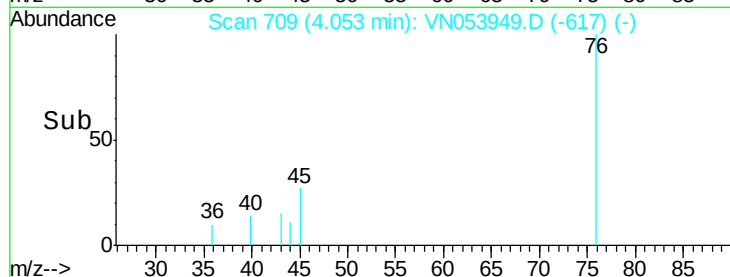
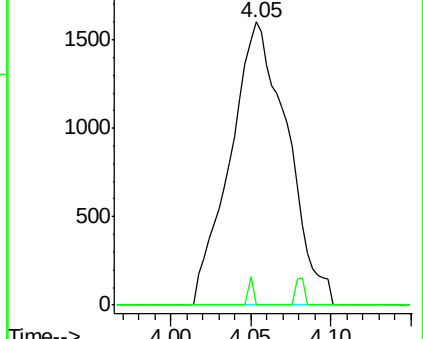
76 100

78 0.0 7.5 11.3#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 0.360 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN053949.D

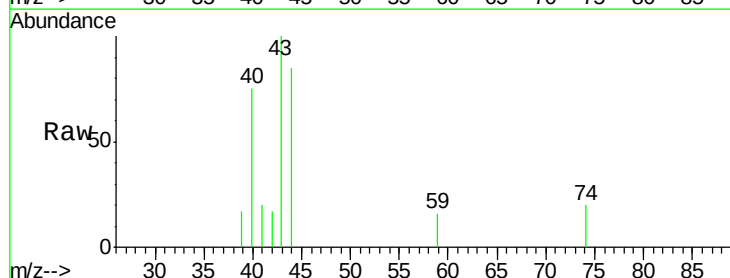
Acq: 26 Feb 2019 12:37

Tgt Ion: 43 Resp: 1739

Ion Ratio Lower Upper

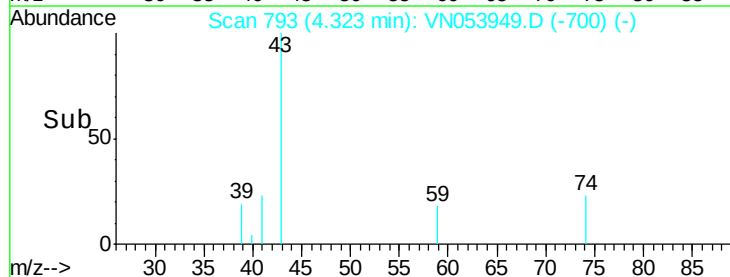
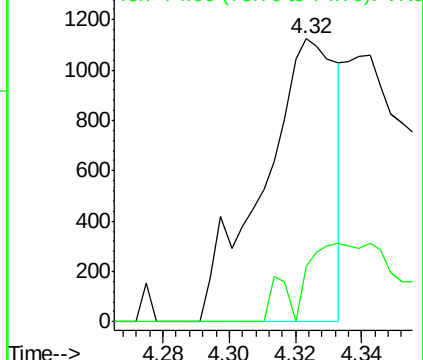
43 100

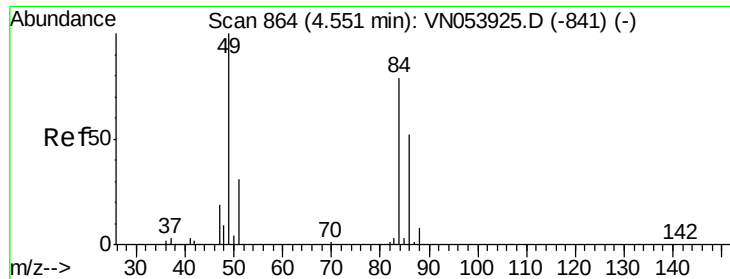
74 3.8 20.5 30.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

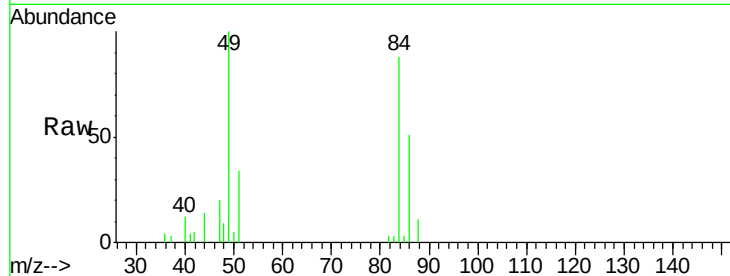




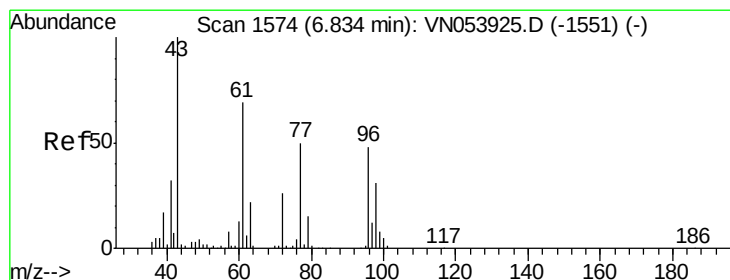
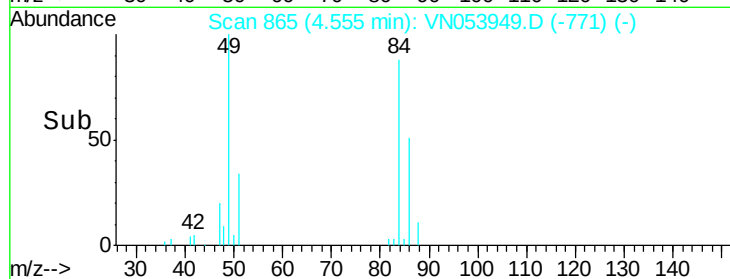
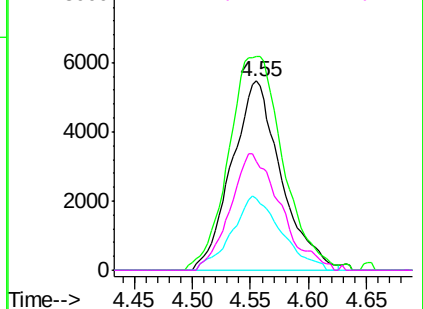
#20
Methylene Chloride
Concen: 2.376 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053949.D
Acq: 26 Feb 2019 12:37

Instrument :
MSVOA_N
ClientSampleId :
COMP-14

Tot Ion: 84 Resp: 16244
Ion Ratio Lower Upper
84 100
49 110.3 89.7 134.5
51 38.2 27.8 41.8
86 57.7 51.3 76.9

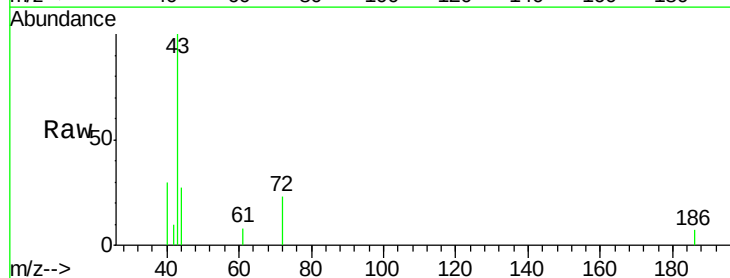


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

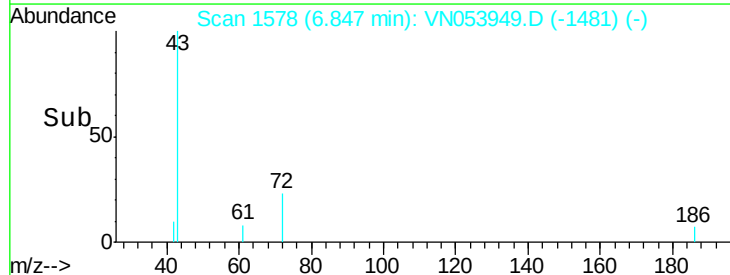
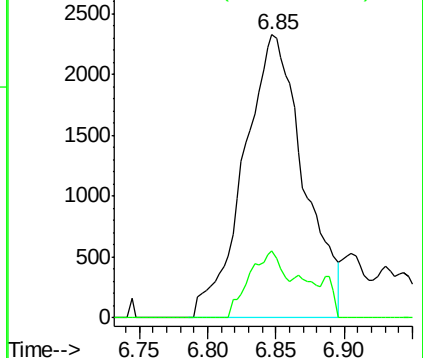


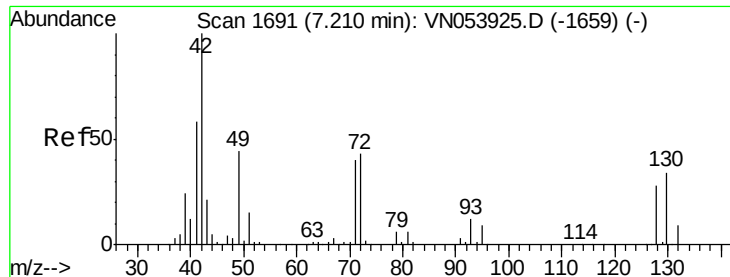
#25
2-Butanone
Concen: 2.613 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN053949.D
Acq: 26 Feb 2019 12:37

Tgt Ion: 43 Resp: 7086
Ion Ratio Lower Upper
43 100
72 23.5 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 0.674 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN053949.D

Acq: 26 Feb 2019 12:37

Instrument :

MSVOA_N

ClientSampled :

COMP-14

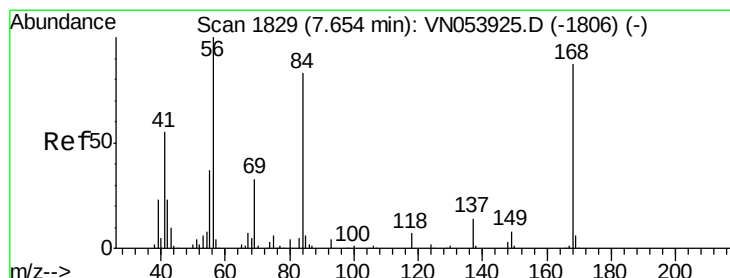
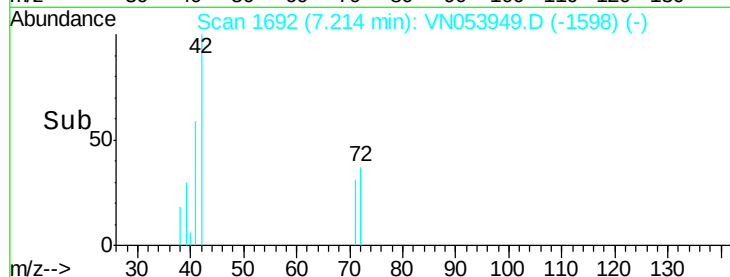
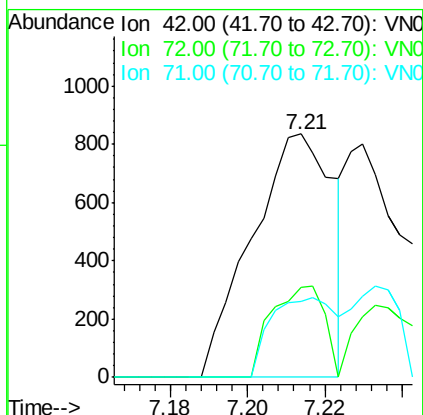
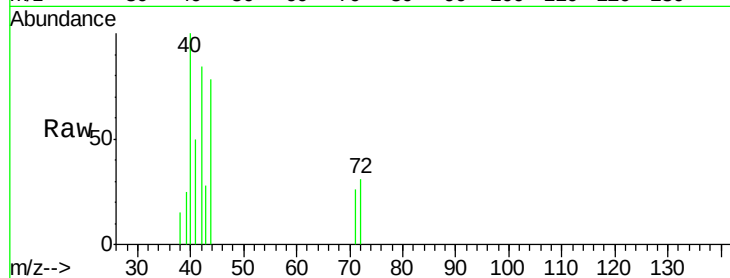
Tot Ion: 42 Resp: 1218

Ion Ratio Lower Upper

42 100

72 24.3 36.9 55.3#

71 26.0 34.6 52.0#



#31

Cyclohexane

Concen: 0.577 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN053949.D

Acq: 26 Feb 2019 12:37

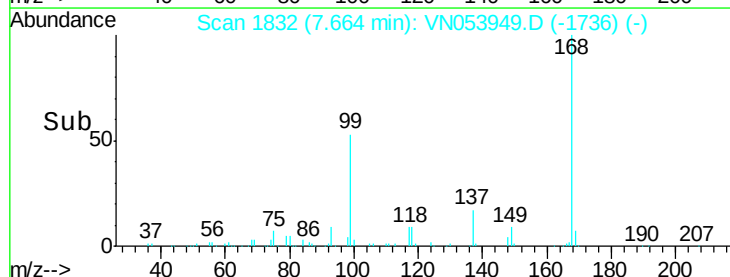
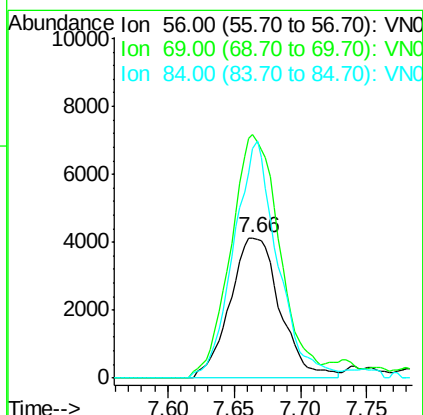
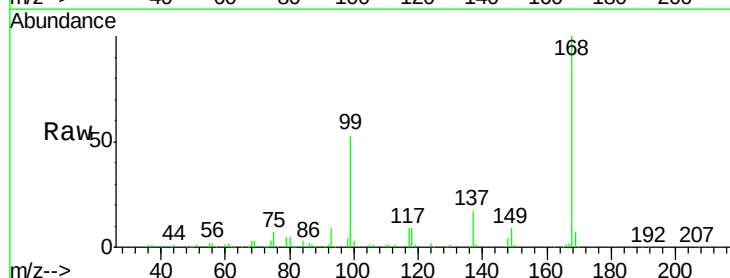
Tgt Ion: 56 Resp: 10852

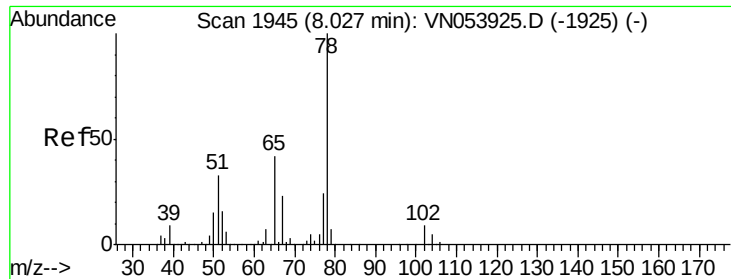
Ion Ratio Lower Upper

56 100

69 173.7 26.0 39.0#

84 163.4 69.1 103.7#

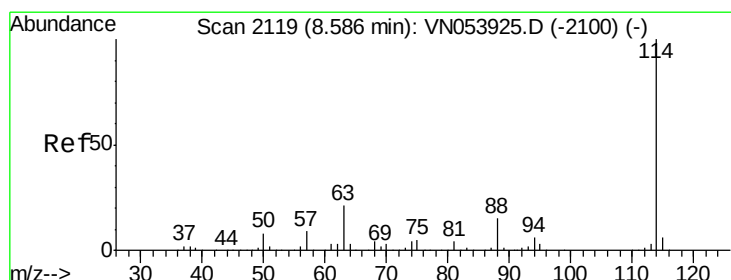
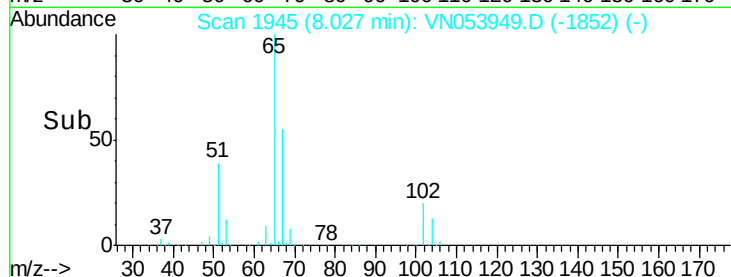
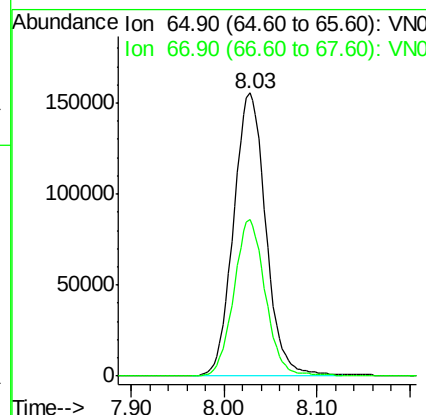
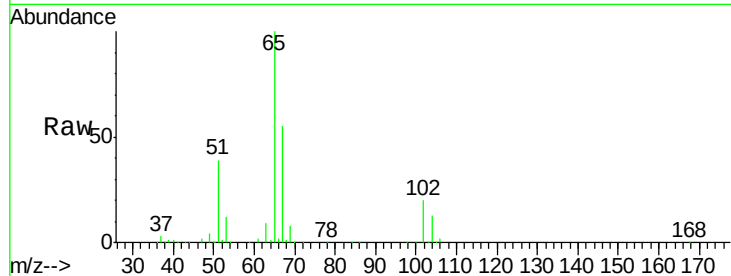




#33
 1,2-Dichloroethane-d4
 Concen: 54.473 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053949.D
 Acq: 26 Feb 2019 12:37

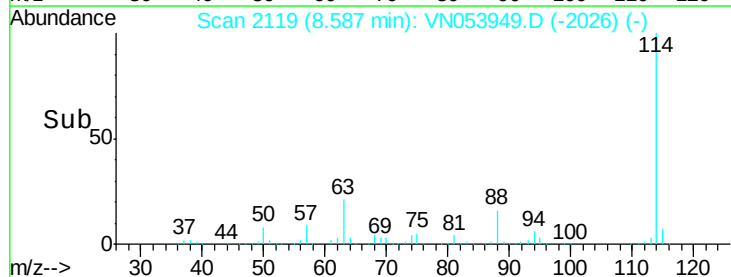
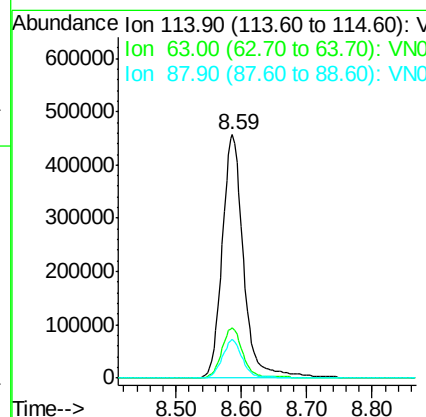
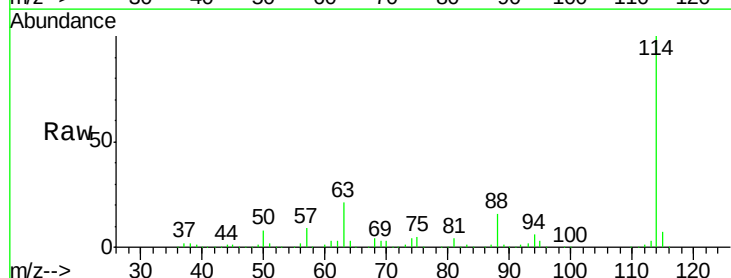
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-14

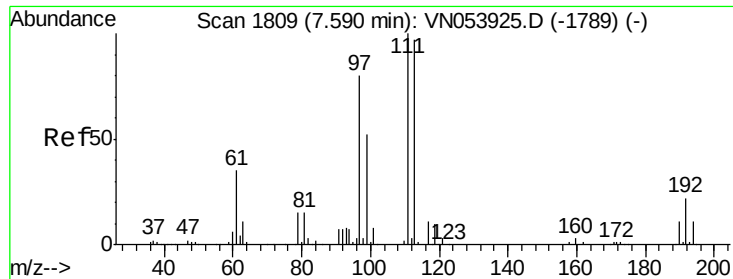
Tot Ion: 65 Resp: 376219
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053949.D
 Acq: 26 Feb 2019 12:37

Tgt Ion: 114 Resp: 1042012
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 37.4
 88 15.7 0.0 30.4

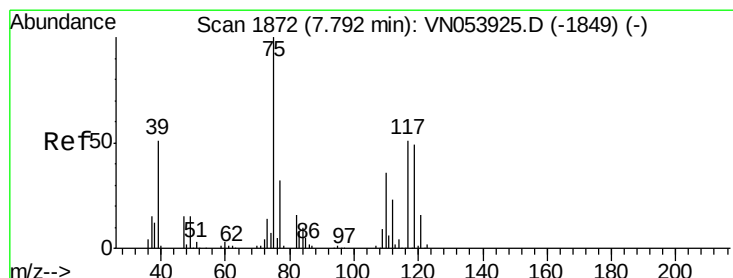
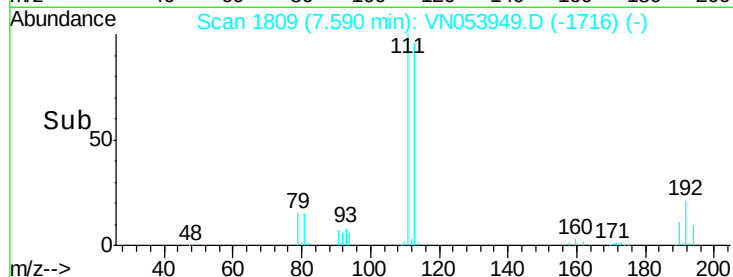
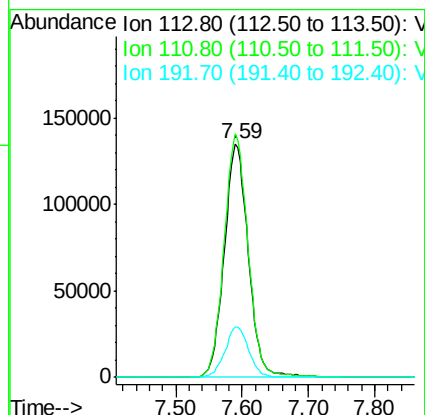
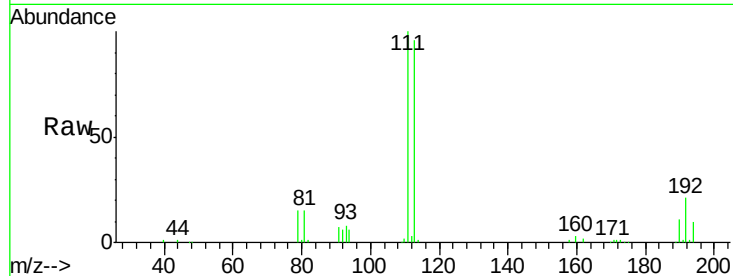




#35
 Dibromofluoromethane
 Concen: 50.573 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053949.D
 Acq: 26 Feb 2019 12:37

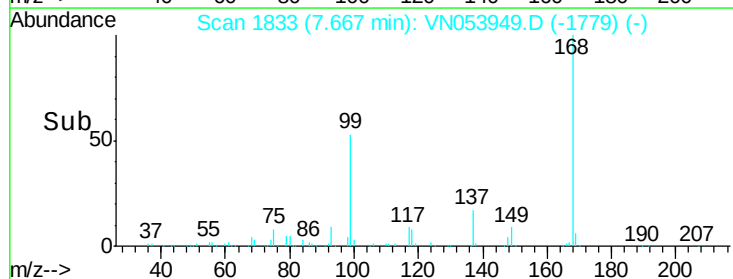
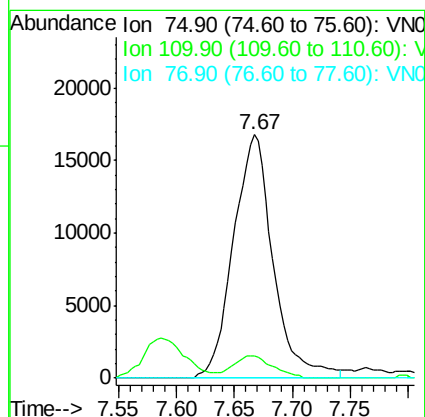
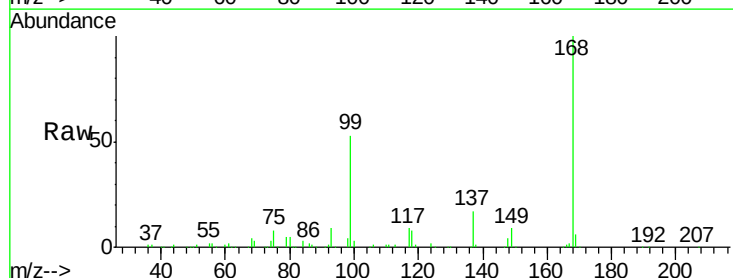
Instrument :
 MSVOA_N
 ClientSampled :
 COMP-14

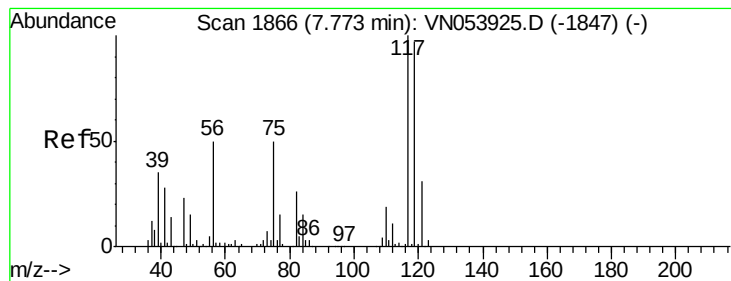
Tot Ion:113 Resp: 340776
 Ion Ratio Lower Upper
 113 100
 111 104.3 81.1 121.7
 192 21.2 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 4.103 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053949.D
 Acq: 26 Feb 2019 12:37

Tgt Ion: 75 Resp: 39764
 Ion Ratio Lower Upper
 75 100
 110 9.2 19.0 57.0#
 77 0.0 25.4 38.0#





#38

Carbon Tetrachloride

Concen: 4.899 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053949.D

Acq: 26 Feb 2019 12:37

Instrument :

MSVOA_N

ClientSampled :

COMP-14

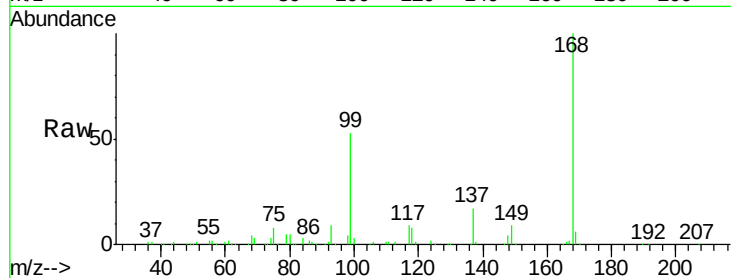
Tot Ion:117 Resp: 49377

Ion Ratio Lower Upper

117 100

119 6.7 76.2 114.2#

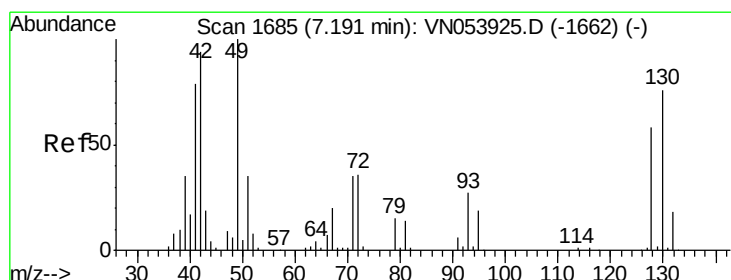
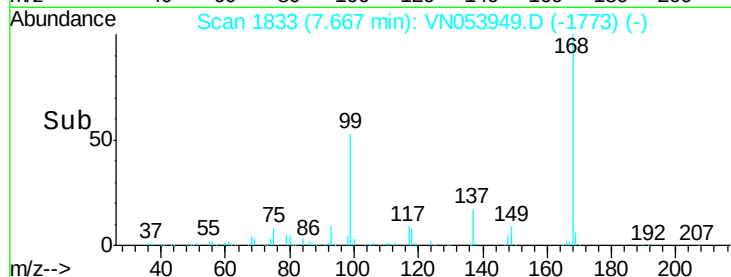
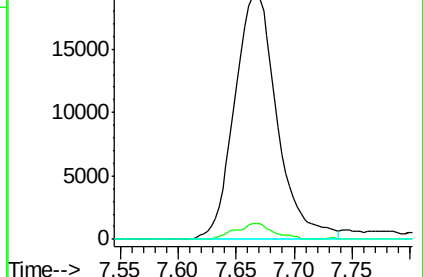
121 0.0 24.6 36.8#



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: 0.268 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. 0.02 min

Lab File: VN053949.D

Acq: 26 Feb 2019 12:37

Tgt Ion: 41 Resp: 1194

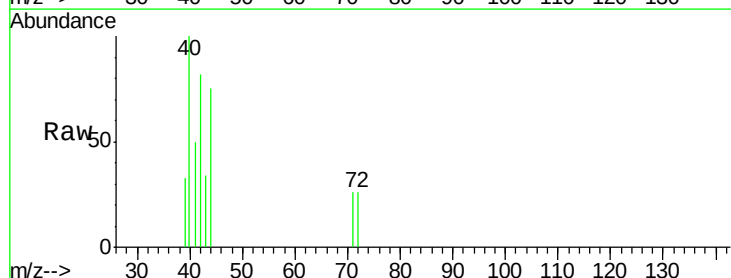
Ion Ratio Lower Upper

41 100

39 27.3 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

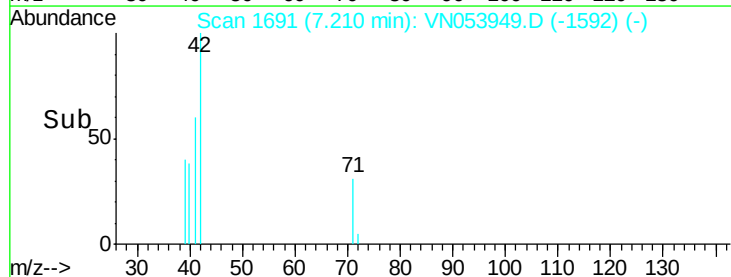
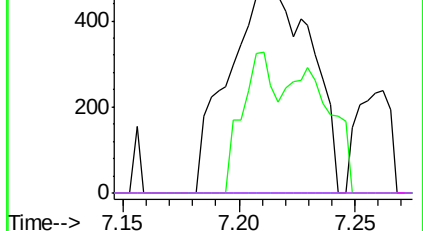


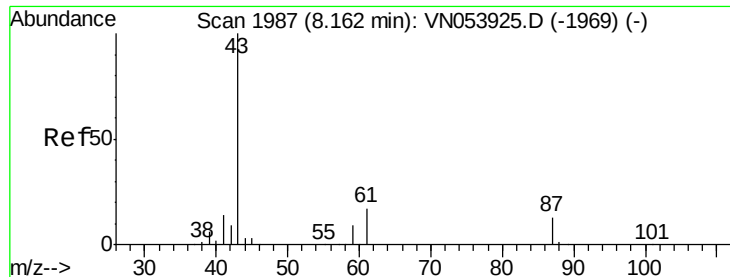
Abundance Ion 41.00 (40.70 to 41.70): V

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: 2.720 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053949.D

Acq: 26 Feb 2019 12:37

Instrument :

MSVOA_N

ClientSampled :

COMP-14

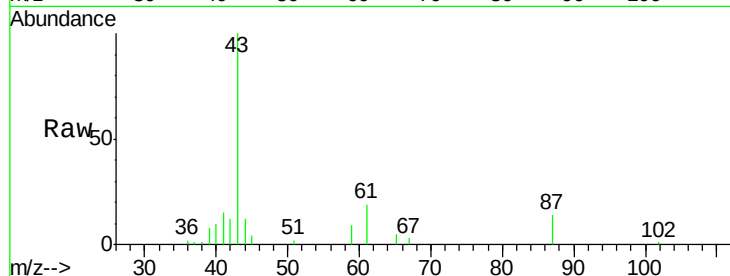
Tot Ion: 43 Resp: 31778

Ion Ratio Lower Upper

43 100

61 15.7 17.4 26.0#

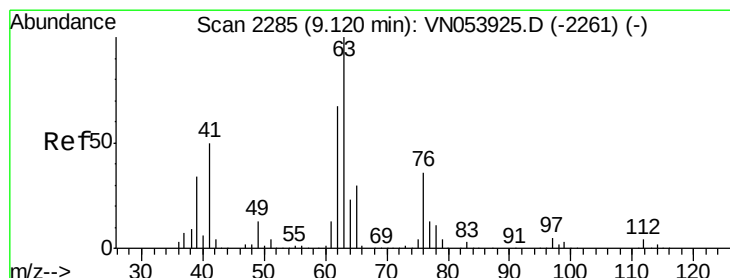
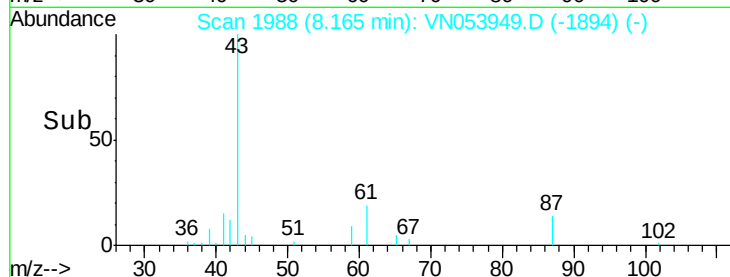
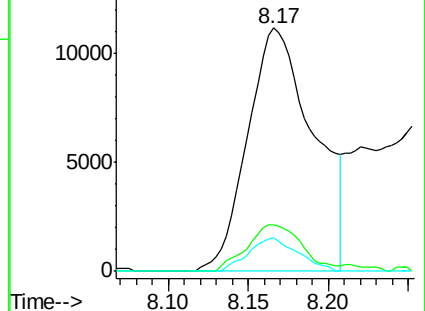
87 10.2 11.5 17.3#



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: 0.214 ug/l

RT: 9.27 min Scan# 2333

Delta R.T. 0.15 min

Lab File: VN053949.D

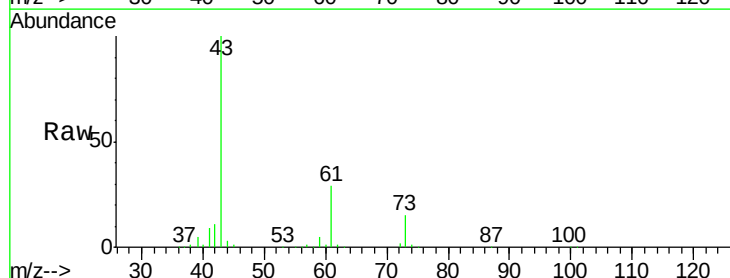
Acq: 26 Feb 2019 12:37

Tgt Ion: 63 Resp: 1715

Ion Ratio Lower Upper

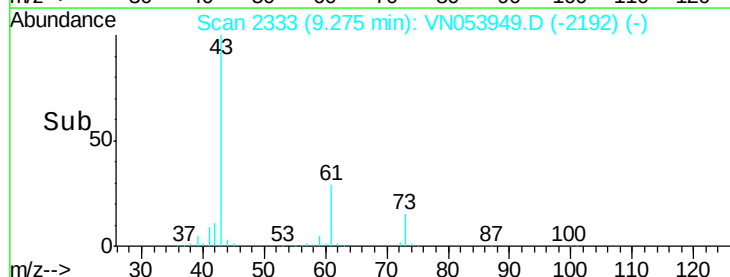
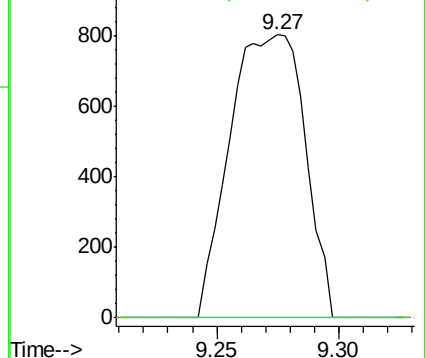
63 100

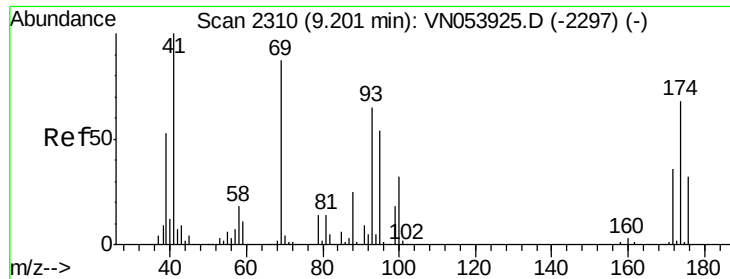
65 0.0 24.3 36.5#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

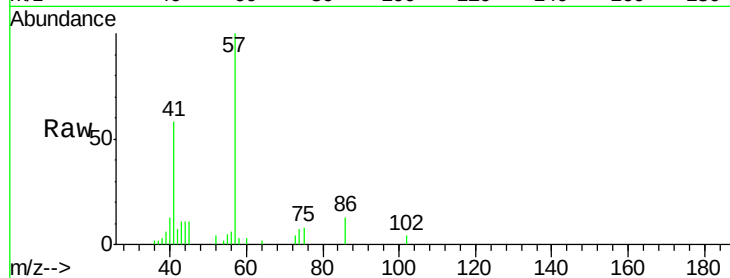




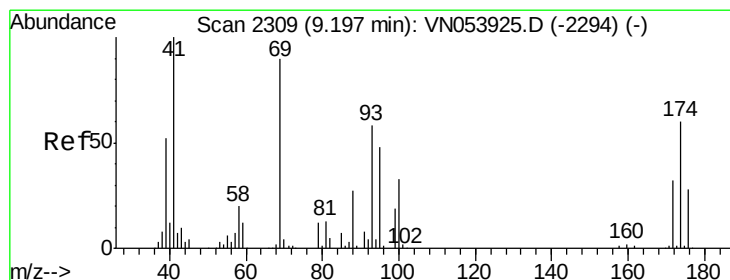
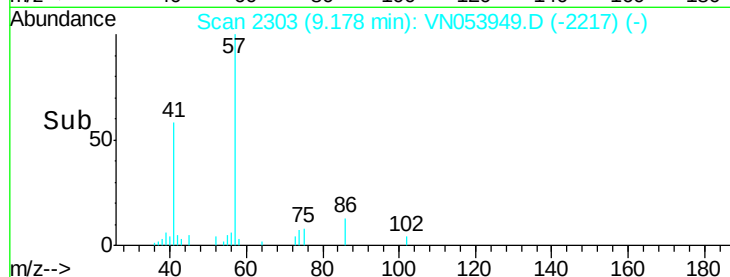
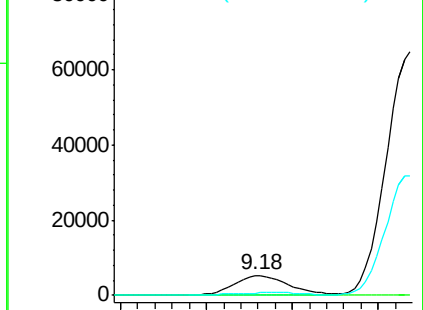
#48
Methvl methacrylate
Concen: 2.215 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN053949.D
Acq: 26 Feb 2019 12:37

Instrument :
MSVOA_N
ClientSampleId :
COMP-14

Tot Ion: 41 Resp: 11904
Ion Ratio Lower Upper
41 100
69 0.0 74.8 112.2#
39 0.0 39.0 58.6#

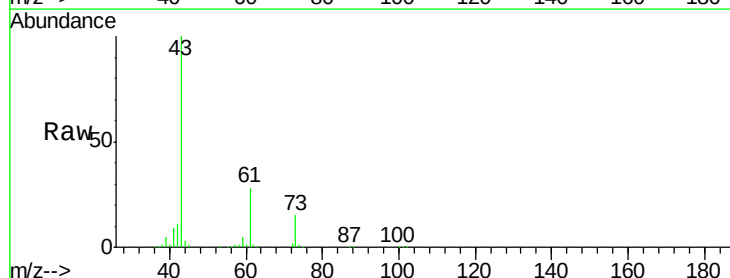


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

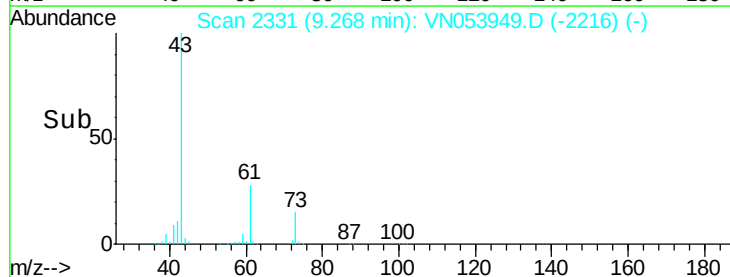
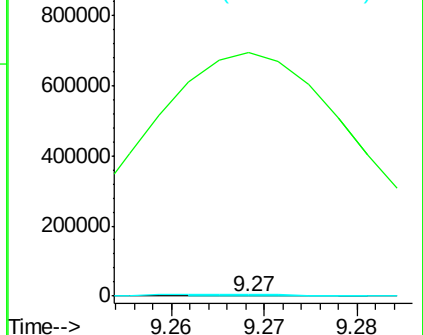


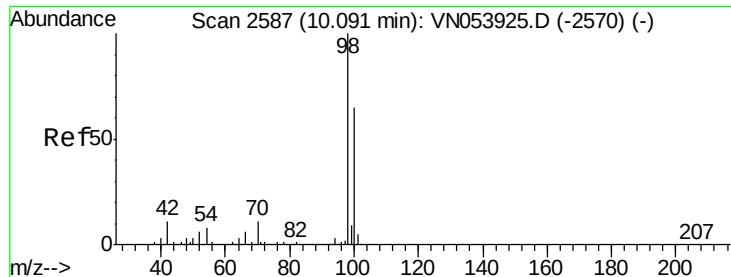
#49
1,4-Dioxane
Concen: 0.852 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.07 min
Lab File: VN053949.D
Acq: 26 Feb 2019 12:37

Tgt Ion: 88 Resp: 62
Ion Ratio Lower Upper
88 100
43 2278037.1 21.2 31.8#
58 12572.6 54.2 81.2#



Abundance Ion 88.00 (87.70 to 88.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 58.00 (57.70 to 58.70): VNC

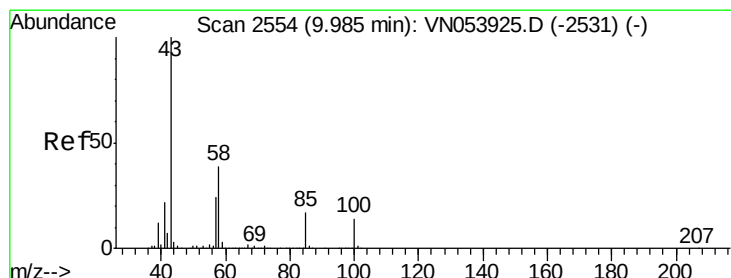
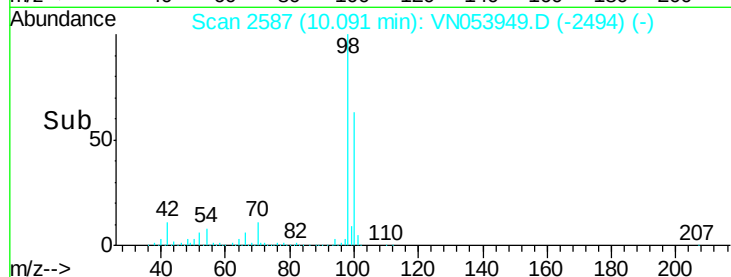
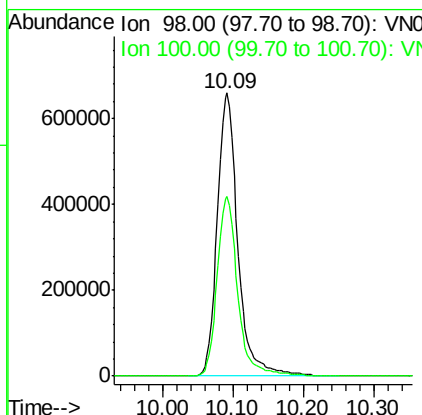
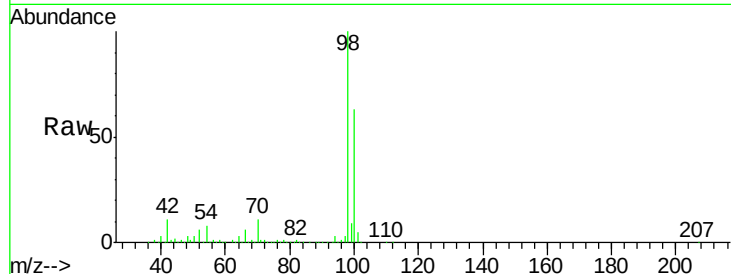




#50
Toluene-d8
Concen: 53.445 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053949.D
Acq: 26 Feb 2019 12:37

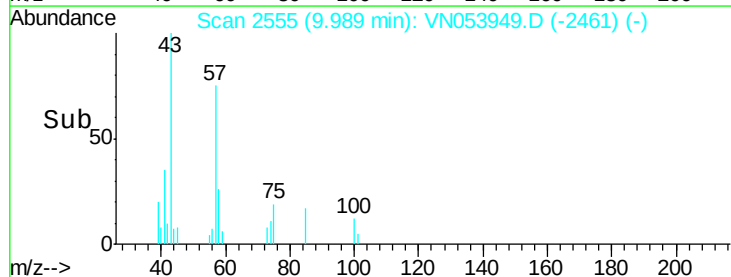
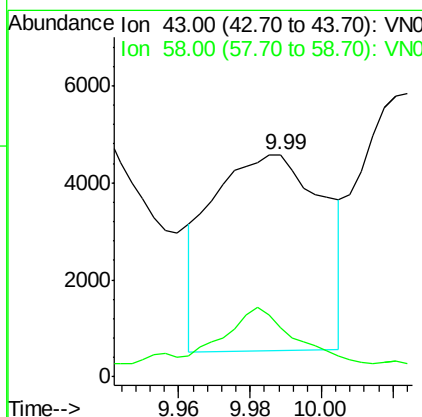
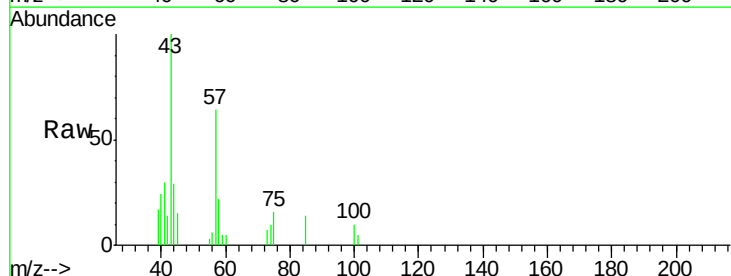
Instrument :
MSVOA_N
ClientSampled :
COMP-14

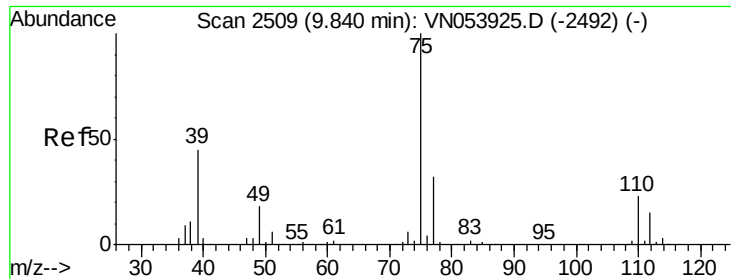
Tot Ion: 98 Resp: 1340602
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.460 ug/l
RT: 9.99 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN053949.D
Acq: 26 Feb 2019 12:37

Tgt Ion: 43 Resp: 8767
Ion Ratio Lower Upper
43 100
58 19.2 32.7 49.1#



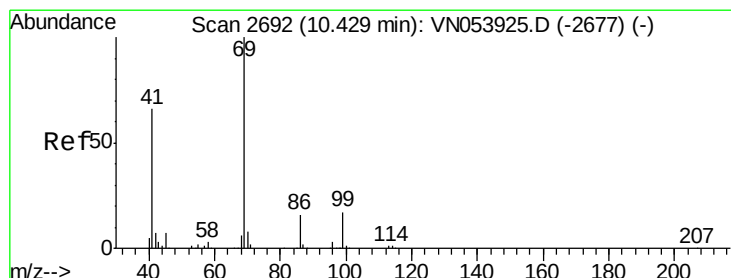
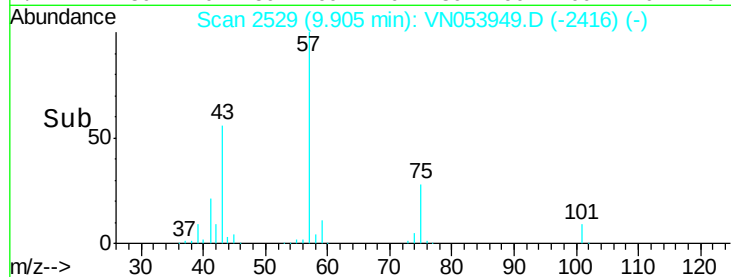
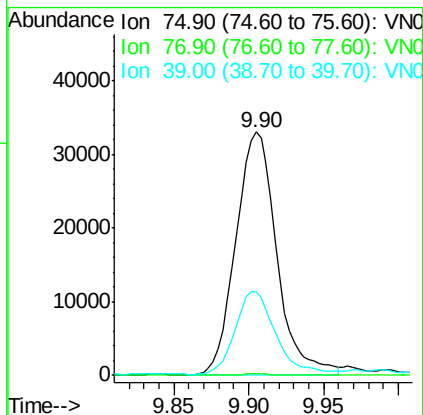
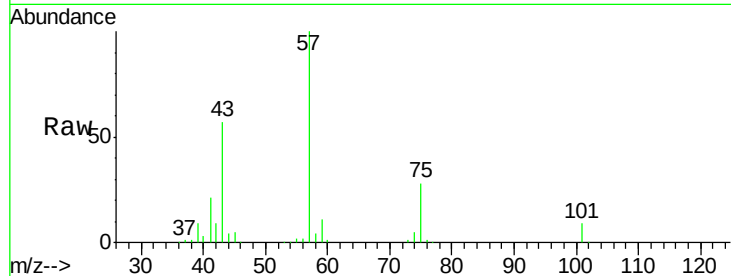


#54

cis-1,3-Dichloropropene
 Concen: 5.603 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.06 min
 Lab File: VN053949.D
 Acq: 26 Feb 2019 12:37

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-14

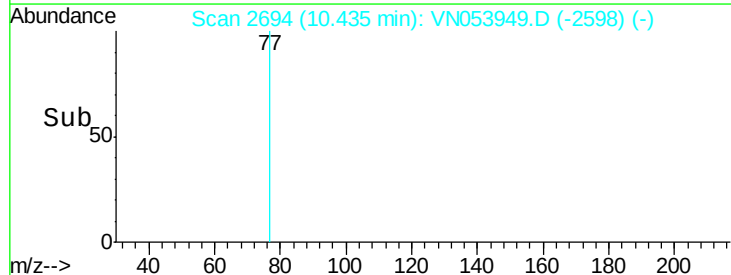
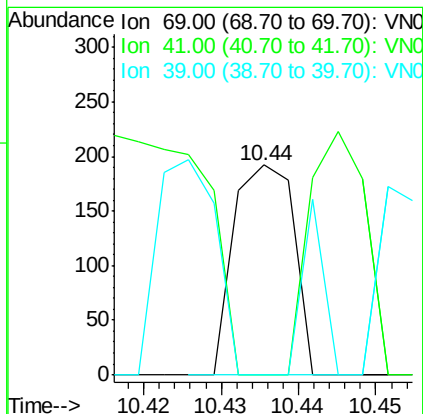
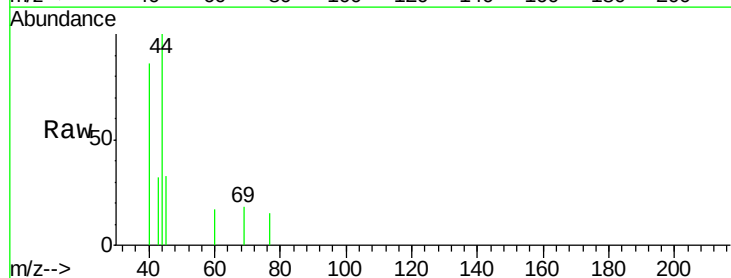
Tot Ion: 75 Resp: 63152
 Ion Ratio Lower Upper
 75 100
 77 0.7 25.8 38.6#
 39 34.3 31.4 47.0

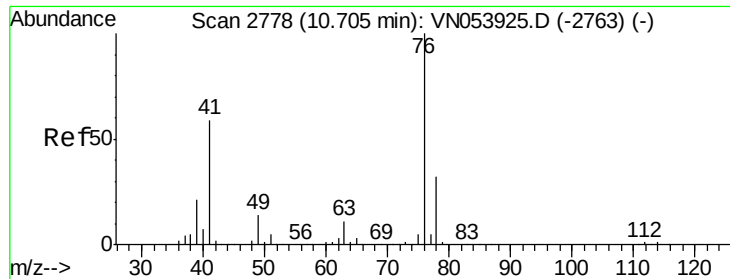


#56

Ethyl methacrylate
 Concen: 1.967 ug/l
 RT: 10.44 min Scan# 2694
 Delta R.T. 0.01 min
 Lab File: VN053949.D
 Acq: 26 Feb 2019 12:37

Tgt Ion: 69 Resp: 104
 Ion Ratio Lower Upper
 69 100
 41 0.0 47.5 71.3#
 39 0.0 23.4 35.0#





#57

1,3-Dichloropropane

Concen: 1.022 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN053949.D

Acq: 26 Feb 2019 12:37

Instrument :

MSVOA_N

ClientSampled :

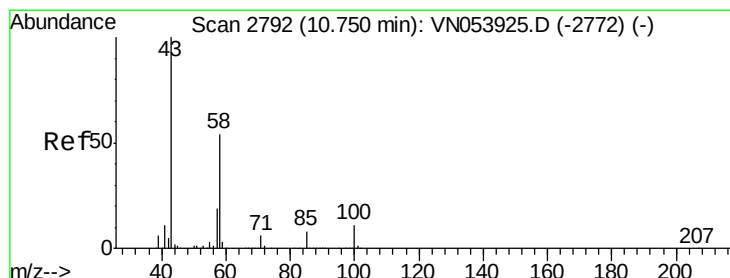
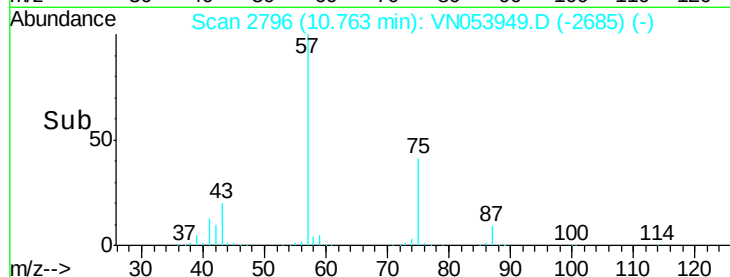
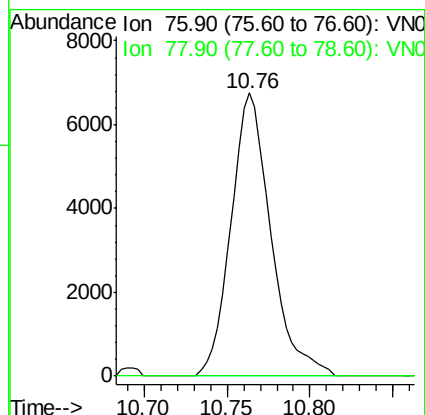
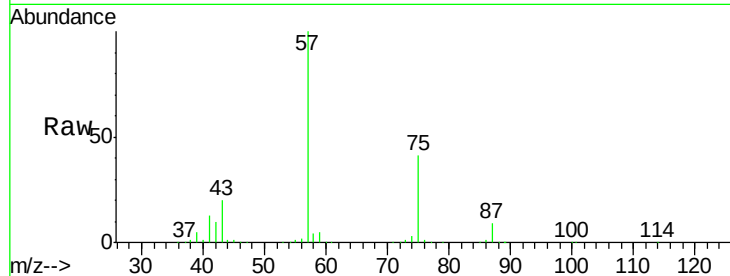
COMP-14

Tot Ion: 76 Resp: 11300

Ion Ratio Lower Upper

76 100

78 0.0 25.2 37.8#



#59

2-Hexanone

Concen: 42.464 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN053949.D

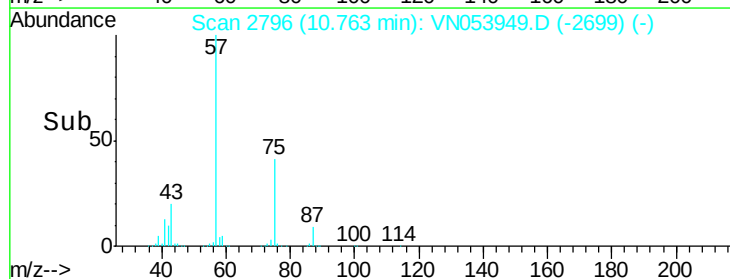
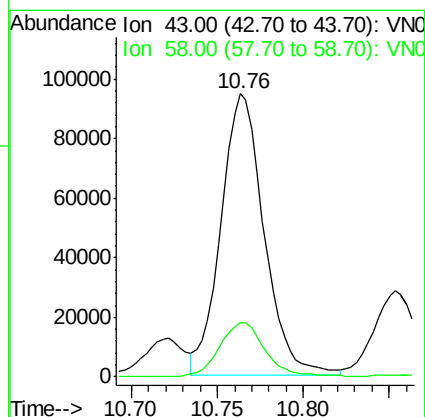
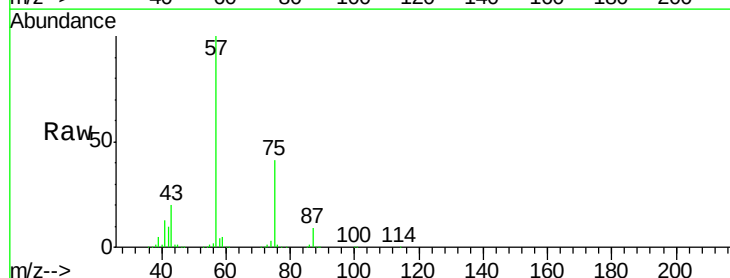
Acq: 26 Feb 2019 12:37

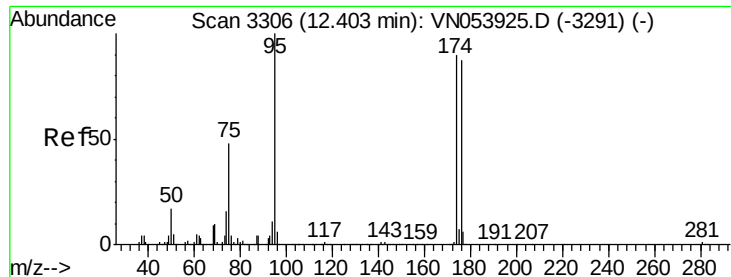
Tgt Ion: 43 Resp: 165799

Ion Ratio Lower Upper

43 100

58 20.4 29.1 87.4#

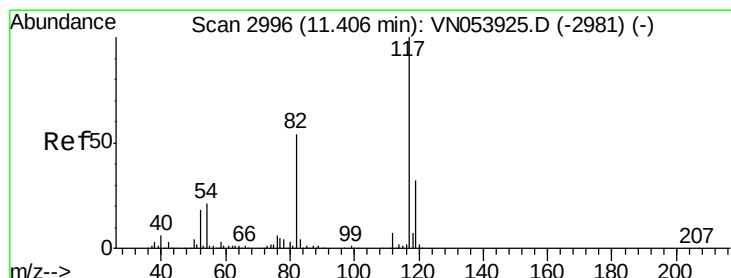
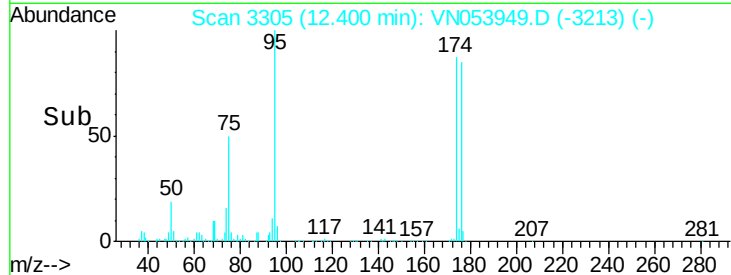
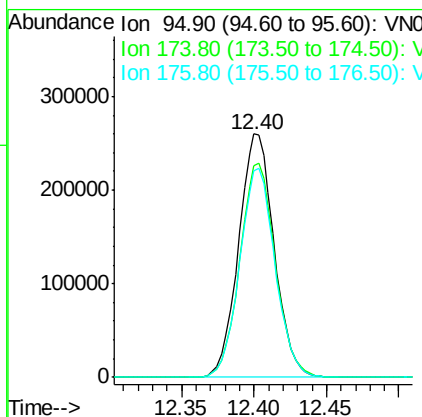
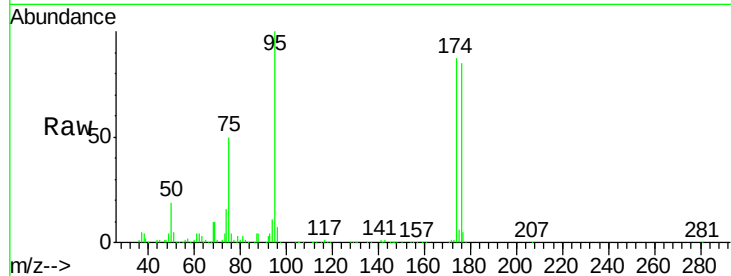




#62
 4-Bromofluorobenzene
 Concen: 52.911 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN053949.D
 Acq: 26 Feb 2019 12:37

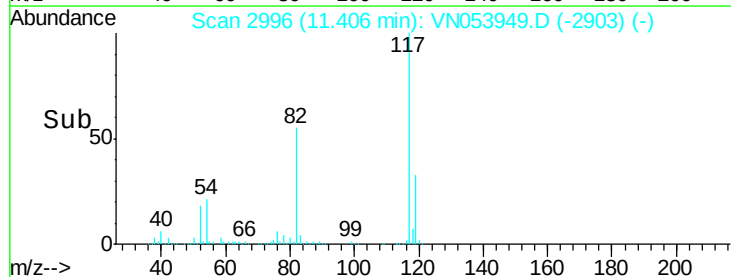
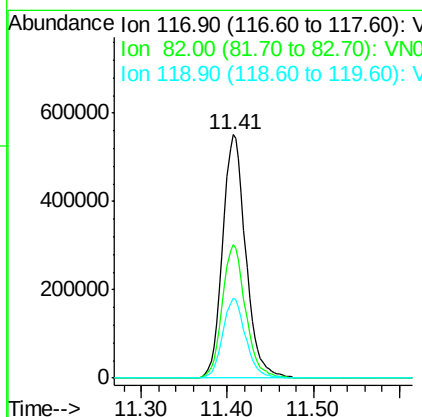
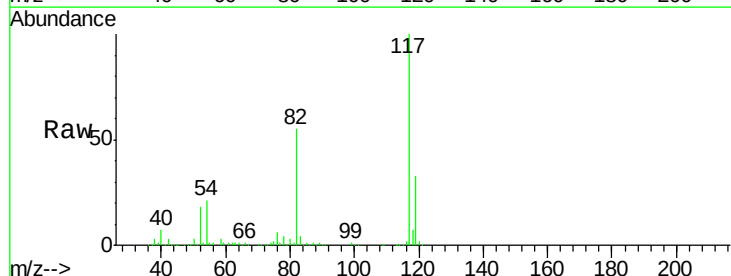
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-14

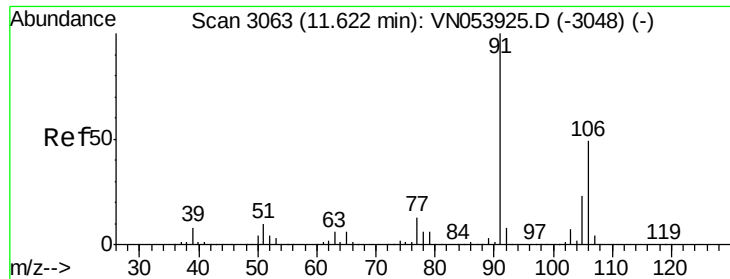
Tot Ion:	95	Resp:	442184
Ion	Ratio	Lower	Upper
95	100		
174	87.7	0.0	188.8
176	85.6	0.0	182.6



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN053949.D
 Acq: 26 Feb 2019 12:37

Tgt Ion:	117	Resp:	1030048
Ion	Ratio	Lower	Upper
117	100		
82	55.0	41.4	62.2
119	32.6	25.3	37.9

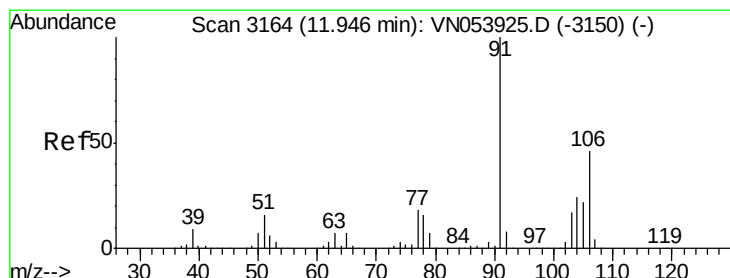
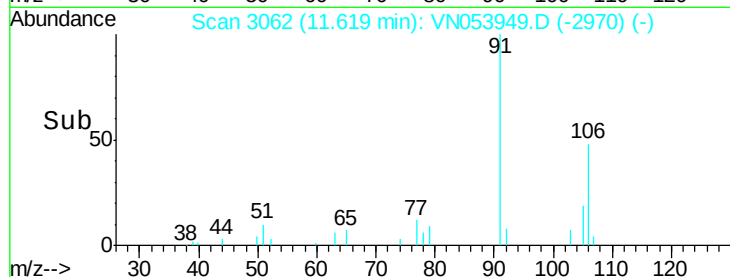
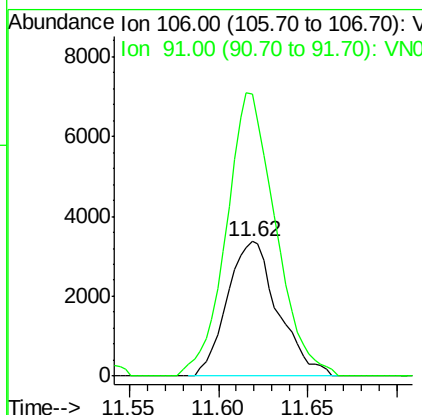
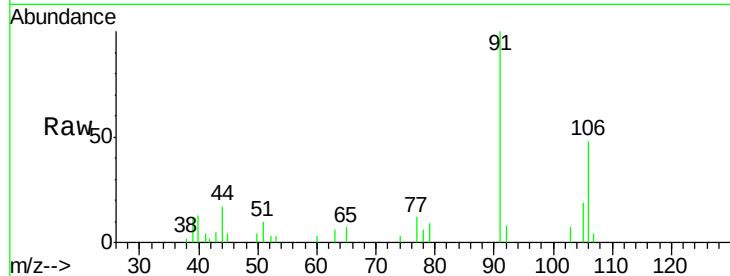




#68
m/p-Xylenes
Concen: 0.485 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053949.D
Acq: 26 Feb 2019 12:37

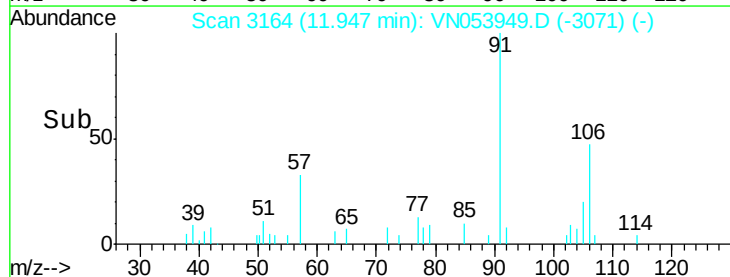
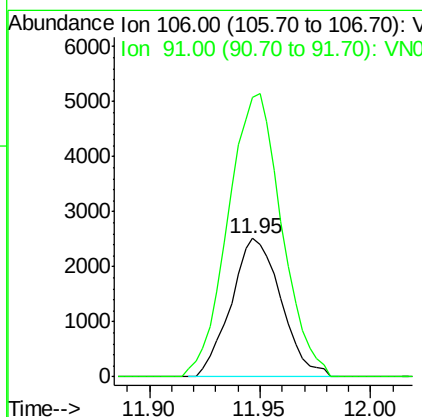
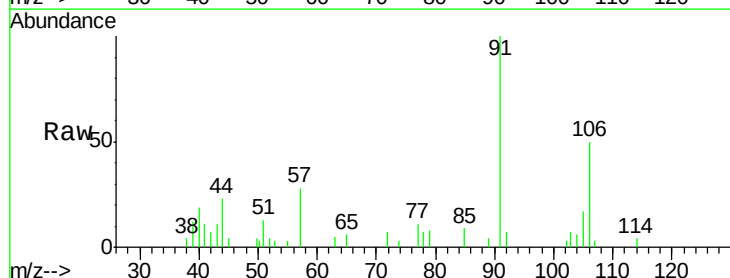
Instrument :
MSVOA_N
ClientSampled :
COMP-14

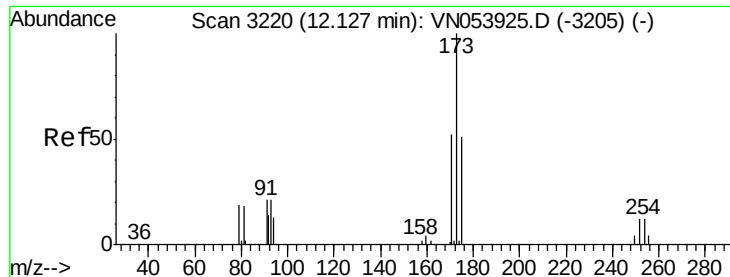
Tot Ion:106 Resp: 6674
Ion Ratio Lower Upper
106 100
91 204.6 158.9 238.3



#69
o-Xylene
Concen: 0.292 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053949.D
Acq: 26 Feb 2019 12:37

Tgt Ion:106 Resp: 3953
Ion Ratio Lower Upper
106 100
91 219.2 106.0 318.0





#71

Bromoform

Concen: 0.662 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN053949.D

Acq: 26 Feb 2019 12:37

Instrument :

MSVOA_N

ClientSampled :

COMP-14

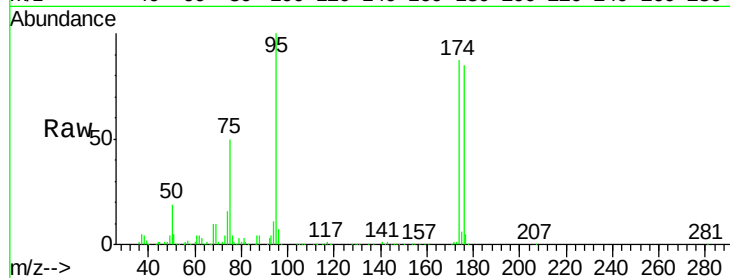
Tot Ion:173 Resp: 3606

Ion Ratio Lower Upper

173 100

175 679.4 24.3 72.8#

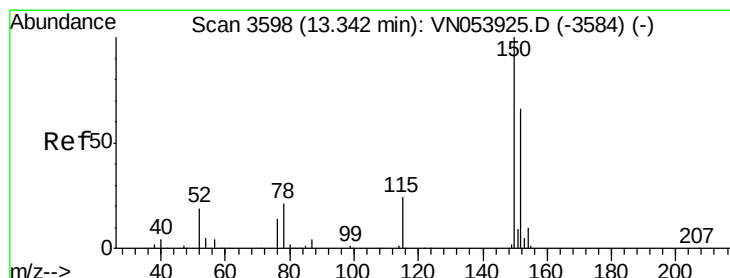
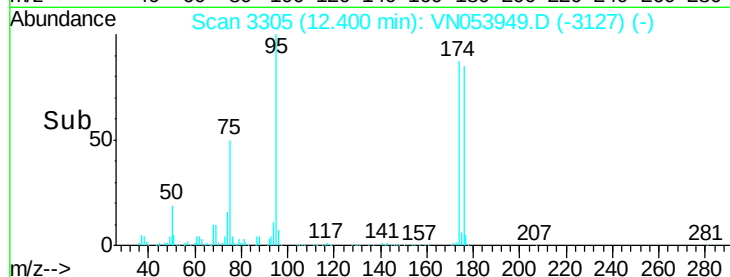
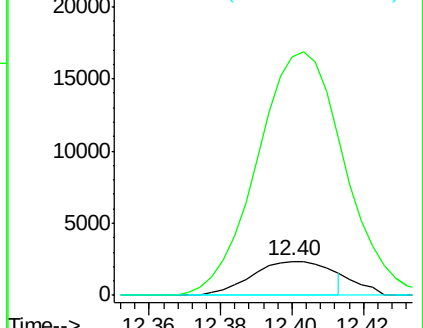
254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053949.D

Acq: 26 Feb 2019 12:37

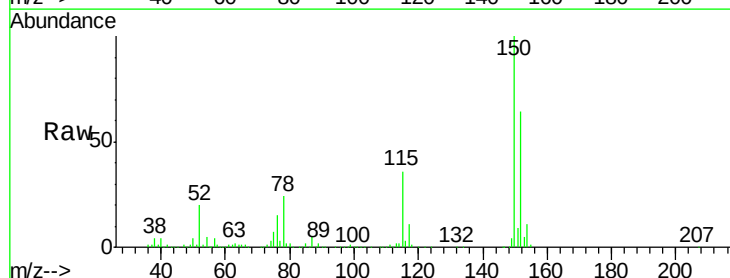
Tgt Ion:152 Resp: 382906

Ion Ratio Lower Upper

152 100

115 56.0 27.2 81.6

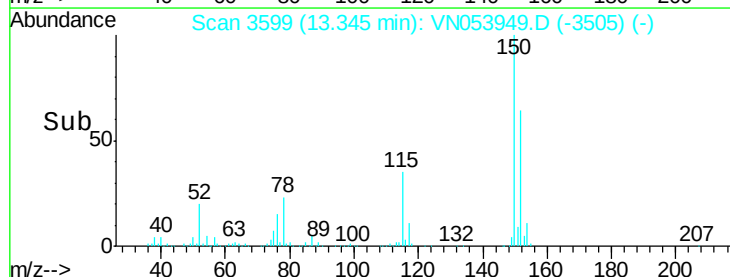
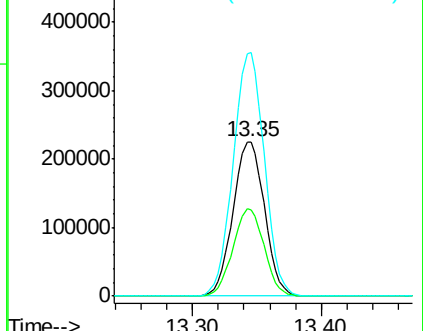
150 156.2 0.0 348.2

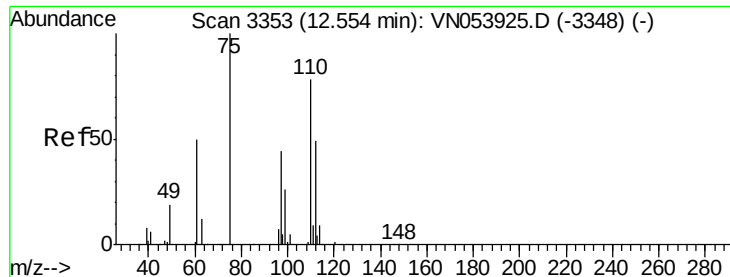


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 35.443 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053949.D

Acq: 26 Feb 2019 12:37

Instrument :

MSVOA_N

ClientSampled :

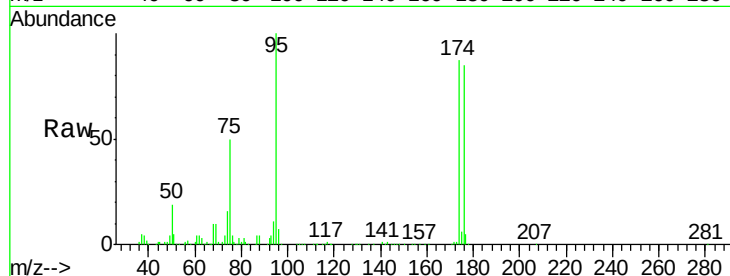
COMP-14

Tot Ion: 75 Resp: 217707

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN053949.D (-3305) (-)

Ion 77.00 (76.70 to 77.70): VN053949.D (-3305) (-)

12.40

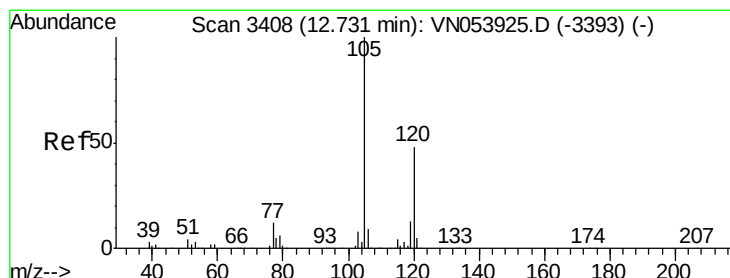
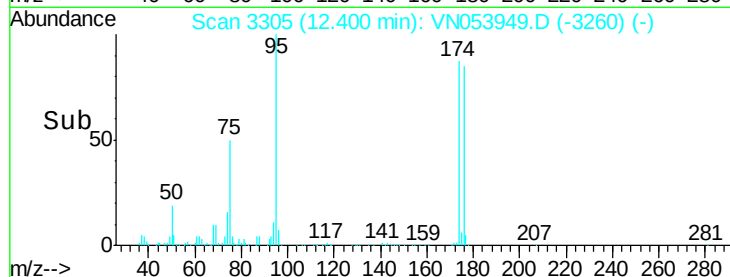
100000

50000

0

12.35 12.40 12.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.400 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053949.D

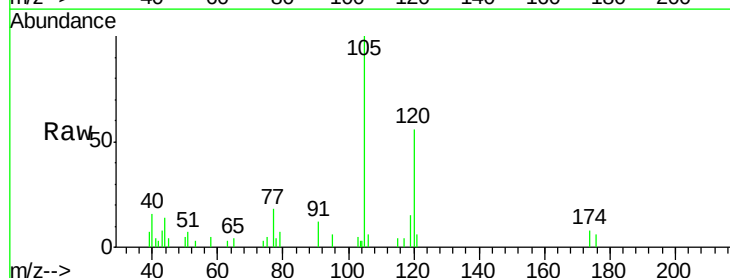
Acq: 26 Feb 2019 12:37

Tgt Ion: 105 Resp: 9771

Ion Ratio Lower Upper

105 100

120 50.9 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VN053949.D (-3315) (-)

Ion 120.00 (119.70 to 120.70): VN053949.D (-3315) (-)

12.73

6000

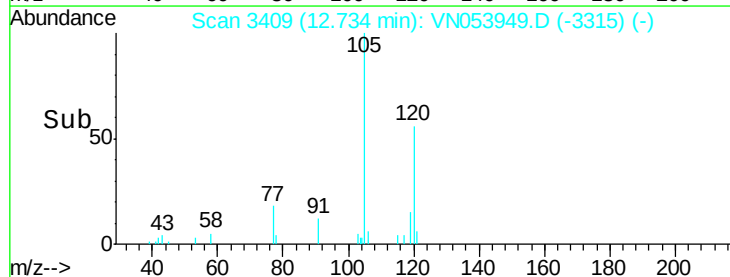
4000

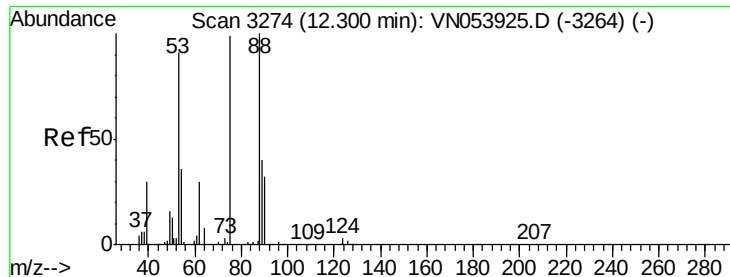
2000

0

12.70 12.75

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 112.021 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053949.D

Acq: 26 Feb 2019 12:37

Instrument :

MSVOA_N

ClientSampled :

COMP-14

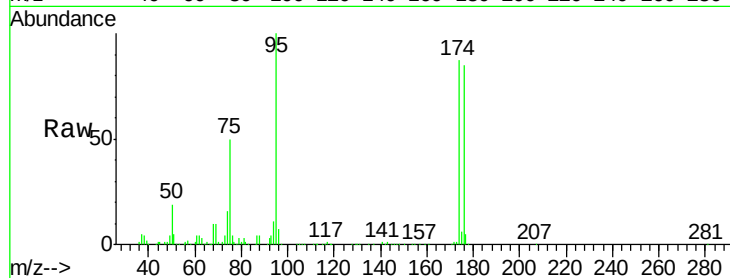
Tot Ion: 75 Resp: 217707

Ion Ratio Lower Upper

75 100

53 0.1 68.6 102.8#

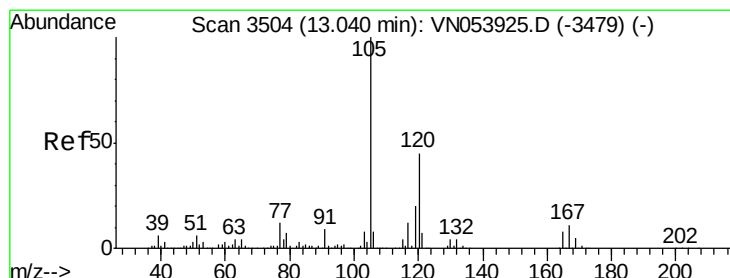
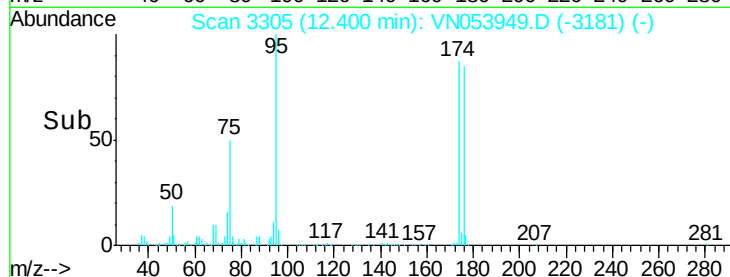
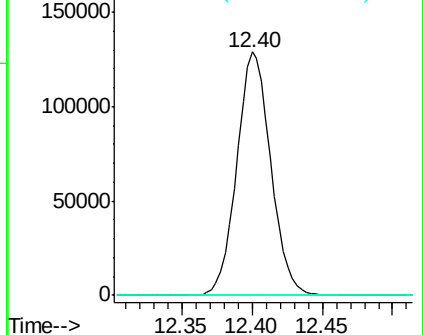
89 0.0 35.3 52.9#



Abundance Ion 74.90 (74.60 to 75.60): VN053949.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN053949.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN053949.D (-3181) (-)



#84

1,2,4-Trimethylbenzene

Concen: 1.231 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053949.D

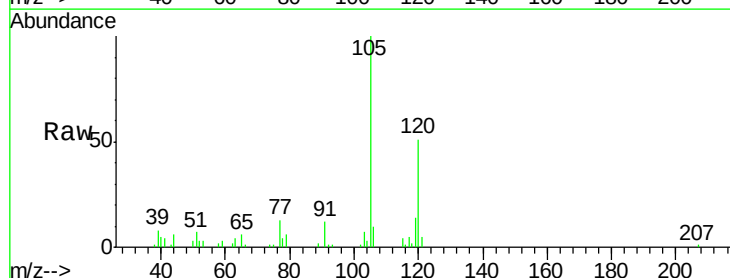
Acq: 26 Feb 2019 12:37

Tgt Ion: 105 Resp: 29994

Ion Ratio Lower Upper

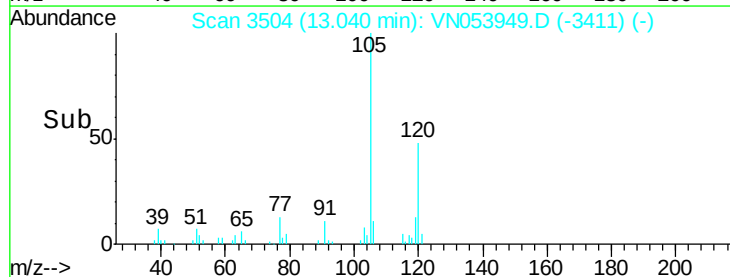
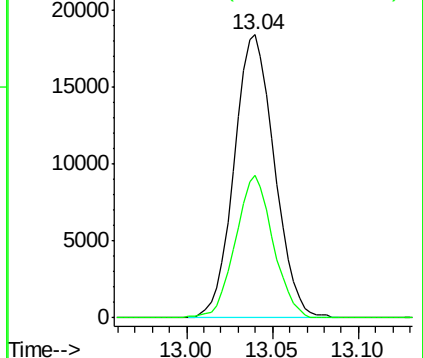
105 100

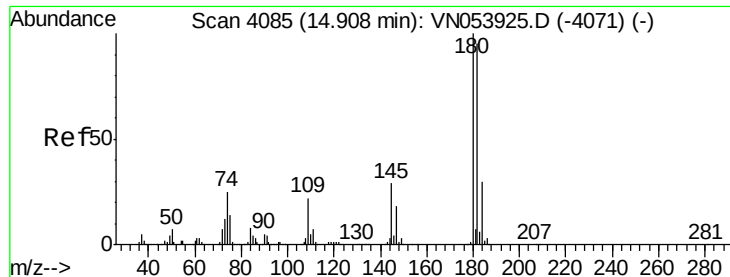
120 47.2 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): VN053949.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN053949.D (-3411) (-)

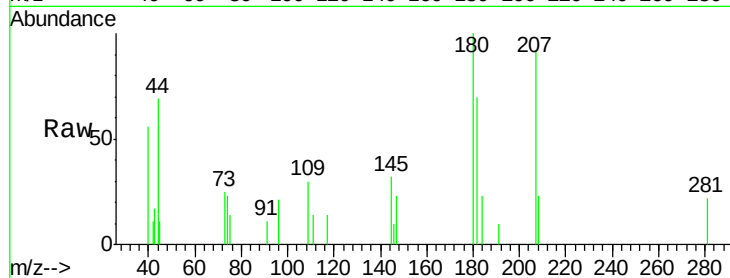




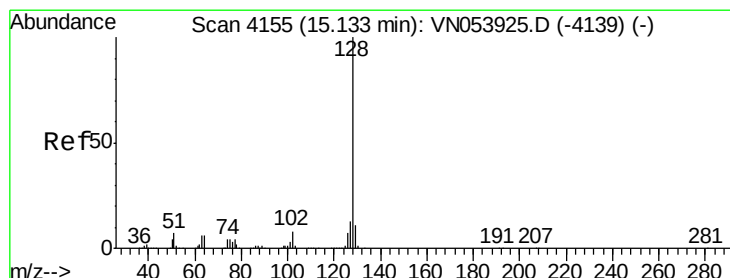
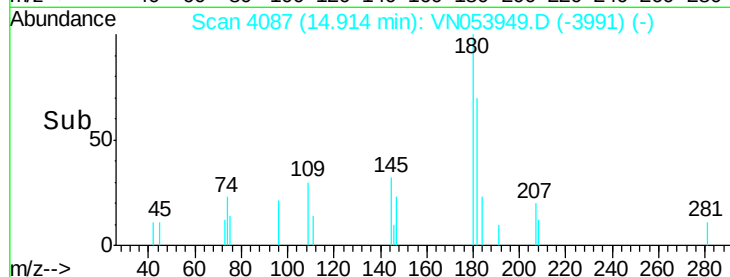
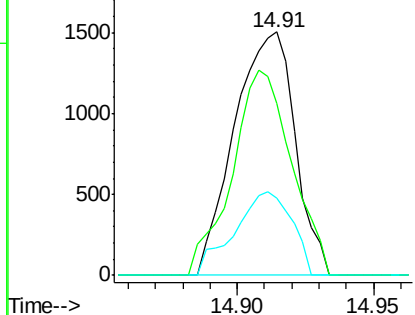
#93
 1,2,4-Trichlorobenzene
 Concen: 2.538 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.01 min
 Lab File: VN053949.D
 Acq: 26 Feb 2019 12:37

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-14

Tot Ion:180 Resp: 2322
 Ion Ratio Lower Upper
 180 100
 182 82.4 48.6 145.9
 145 32.6 13.8 41.3

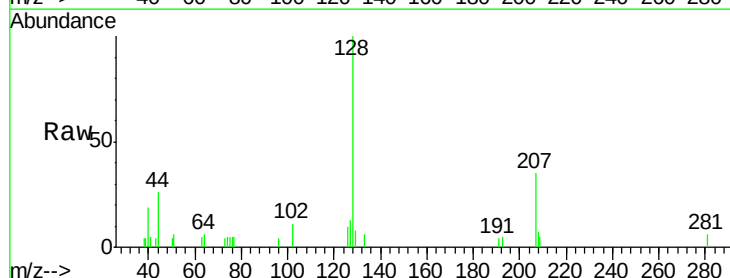


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

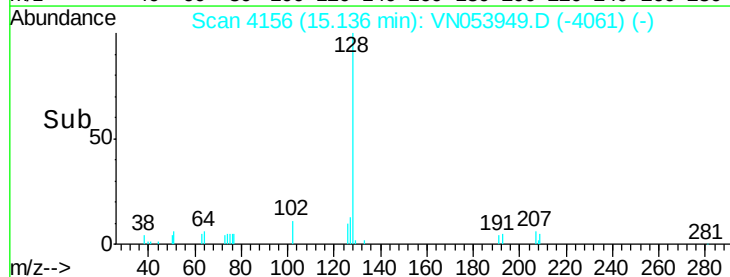
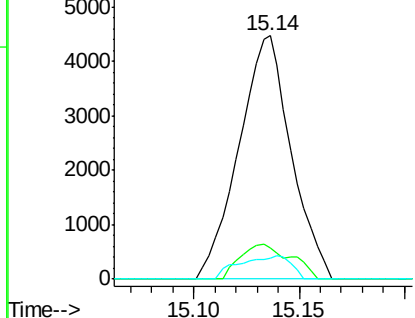


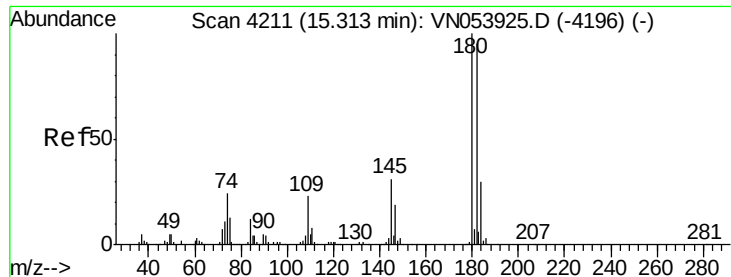
#95
 Naphthalene
 Concen: 3.685 ug/l
 RT: 15.14 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: VN053949.D
 Acq: 26 Feb 2019 12:37

Tgt Ion:128 Resp: 7671
 Ion Ratio Lower Upper
 128 100
 127 13.9 10.2 15.2
 129 9.4 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

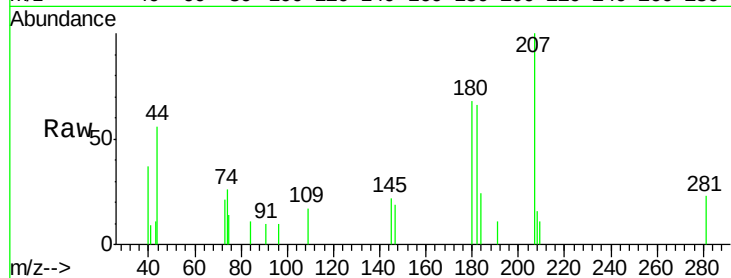




#96
 1,2,3-Trichlorobenzene
 Concen: 1.967 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN053949.D
 Acq: 26 Feb 2019 12:37

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-14

Tot Ion	Ratio	Lower	Upper
180	100		
182	87.7	47.3	141.8
145	30.0	14.4	43.0



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

