

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041319\
 Data File : VN055016.D
 Acq On : 12 Apr 2019 22:51
 Operator : JC/SP
 Sample : K2377-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-13-S

Quant Time: Apr 13 03:45:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 13 03:34:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	548732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	865160	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	701970	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	227449	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	347344	50.44	ug/l	0.00
Spiked Amount			Recovery	=	100.88%	
35) Dibromofluoromethane	7.59	113	279120	50.61	ug/l	0.00
Spiked Amount			Recovery	=	101.22%	
50) Toluene-d8	10.09	98	1010892	49.90	ug/l	0.00
Spiked Amount			Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.40	95	286951	42.05	ug/l	0.00
Spiked Amount			Recovery	=	84.10%	

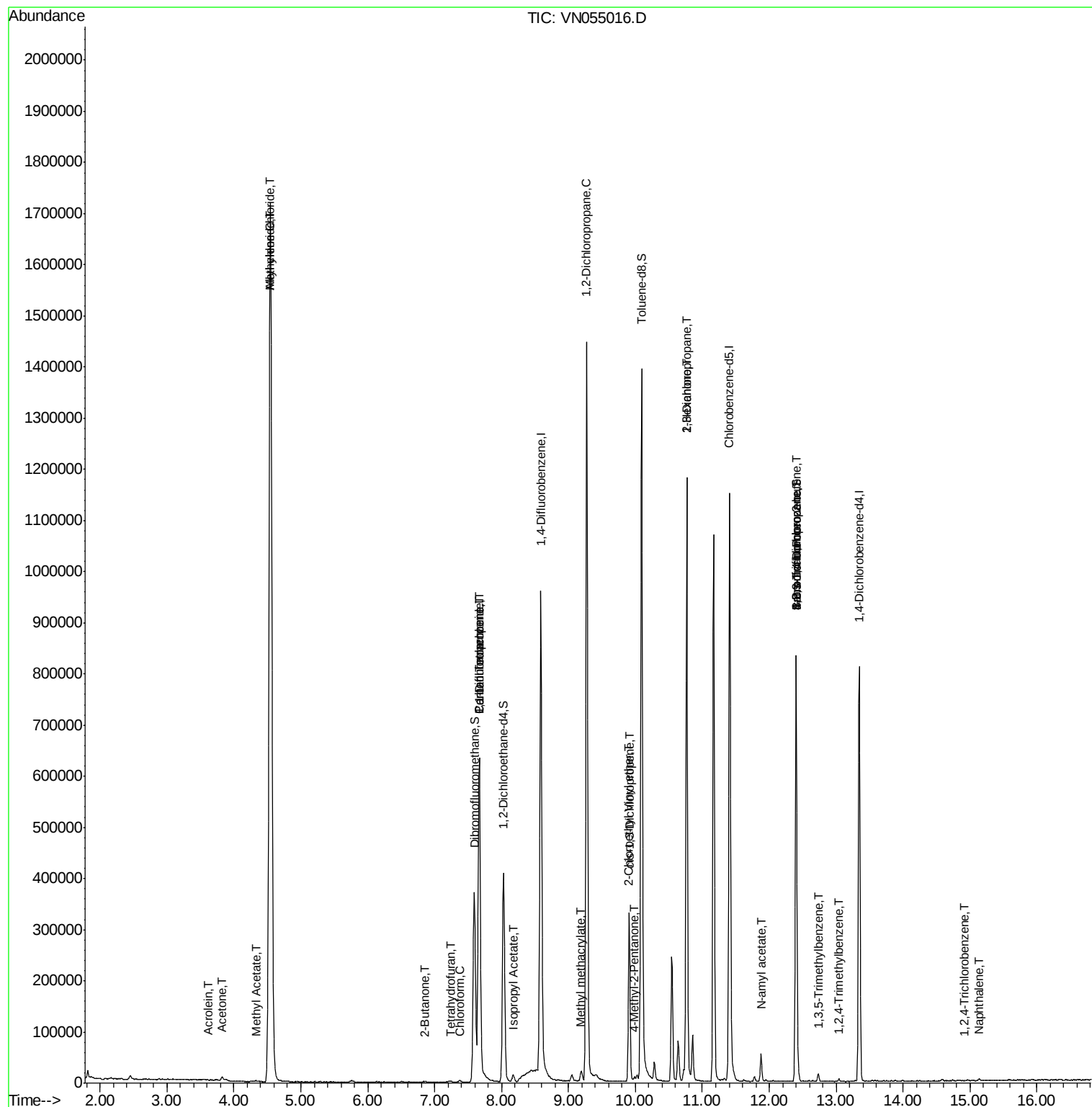
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.60	56	416	0.813	ug/l	90
14) Allyl chloride	4.54	41	54404	5.248	ug/l #	26
16) Acetone	3.82	43	9294	4.913	ug/l	99
18) Methyl Acetate	4.34	43	4663	0.795	ug/l #	87
20) Methylene Chloride	4.54	84	1207151	201.177	ug/l	98
25) 2-Butanone	6.86	43	627	0.215	ug/l #	53
29) Tetrahydrofuran	7.24	42	1601	0.838	ug/l #	56
30) Chloroform	7.37	83	2696	0.249	ug/l	88
31) Cyclohexane	7.66	56	11735	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	40619	5.080	ug/l #	49
38) Carbon Tetrachloride	7.67	117	49806	6.617	ug/l #	16
43) Isopropyl Acetate	8.18	43	15677	1.527	ug/l	95
45) 1,2-Dichloropropane	9.27	63	1866	0.274	ug/l #	44
48) Methyl methacrylate	9.18	41	8625	1.631	ug/l #	17
51) 4-Methyl-2-Pentanone	9.99	43	5453	0.907	ug/l	88
54) cis-1,3-Dichloropropene	9.91	75	54803	6.181	ug/l #	68
57) 1,3-Dichloropropane	10.77	76	10939	1.191	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.89	63	29	18.212	ug/l #	50
59) 2-Hexanone	10.77	43	177509	47.267	ug/l #	54
71) Bromoform	12.40	173	3090	3.442	ug/l #	1
74) N-amyl acetate	11.88	43	18529	3.179	ug/l #	55
76) 1,2,3-Trichloropropane	12.40	75	144765	34.596	ug/l #	100
77) Bromobenzene	12.52	156	102	Below Cal	#	12
80) 1,3,5-Trimethylbenzene	12.73	105	8090	0.514	ug/l	91
81) trans-1,4-Dichloro-2-buten	12.40	75	144765	142.793	ug/l #	2
84) 1,2,4-Trimethylbenzene	13.04	105	3444	0.228	ug/l	94
93) 1,2,4-Trichlorobenzene	14.91	180	423	3.636	ug/l #	58
95) Naphthalene	15.13	128	3577	5.049	ug/l #	85

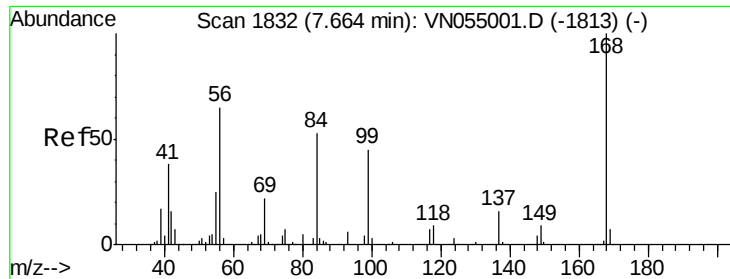
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041319\
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QLast Update : Sat Apr 13 03:34:24 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: VN055016.D

Acq: 12 Apr 2019 22:51

Instrument :

MSVOA_N

ClientSampleId :

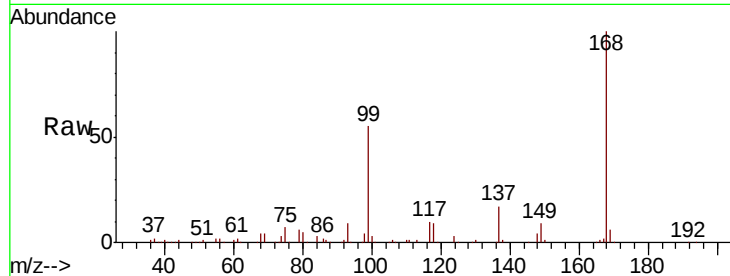
TP-13-S

Tot Ion:168 Resp: 548732

Ion Ratio Lower Upper

168 100

99 55.3 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): VN055016.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN055016.D (-1739) (-)

7.67

250000

200000

150000

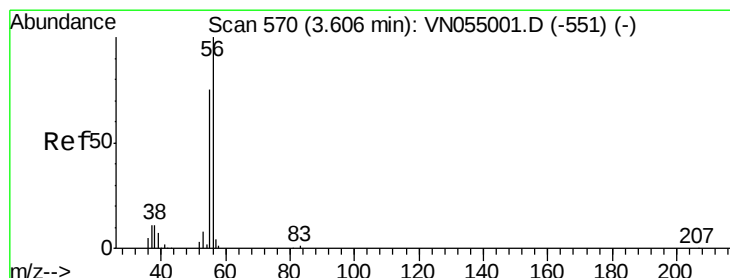
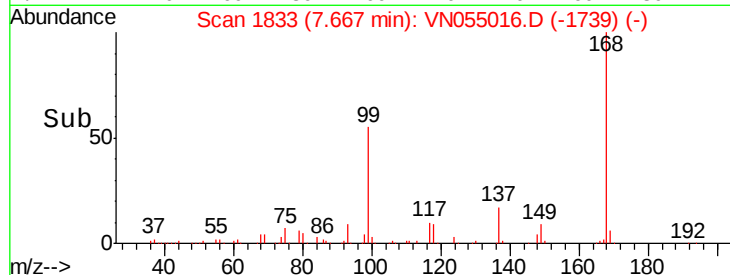
100000

50000

0

7.60 7.70 7.80

Time-->



#13

Acrolein

Concen: 0.813 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN055016.D

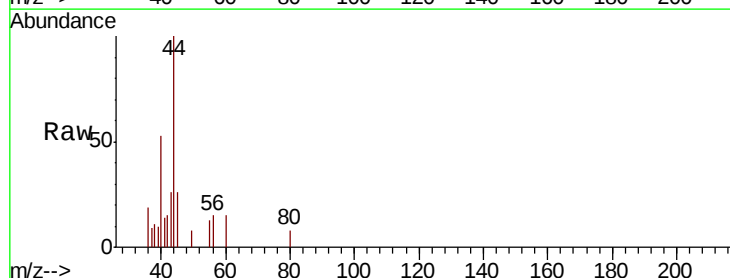
Acq: 12 Apr 2019 22:51

Tgt Ion: 56 Resp: 416

Ion Ratio Lower Upper

56 100

55 83.2 59.5 89.3



Abundance Ion 56.00 (55.70 to 56.70): VN055016.D (-477) (-)

Ion 55.00 (54.70 to 55.70): VN055016.D (-477) (-)

3.60

300

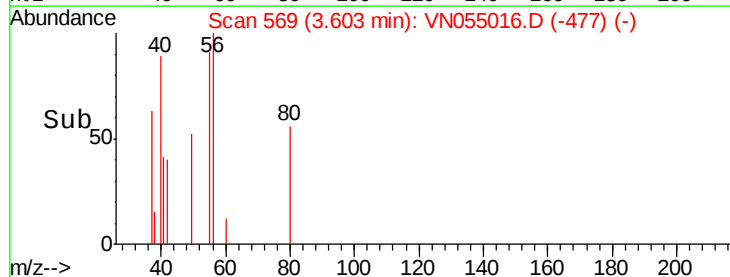
200

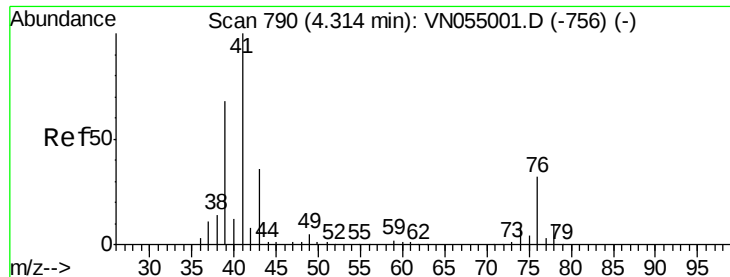
100

0

3.58 3.60 3.62

Time-->

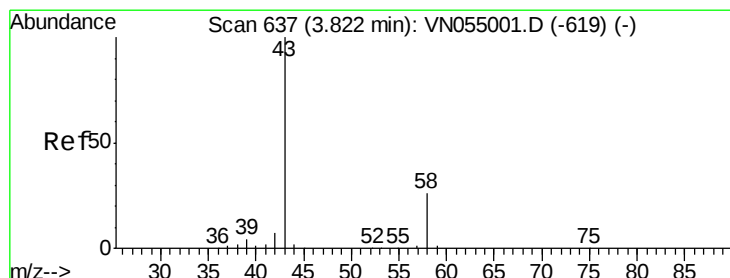
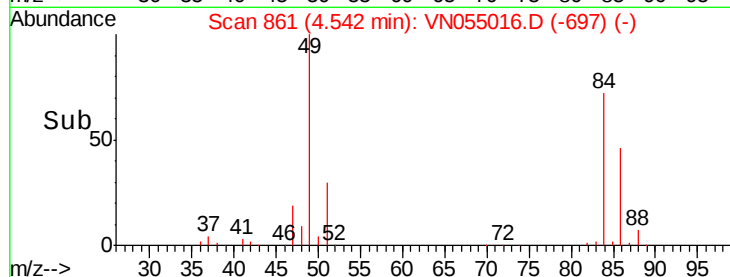
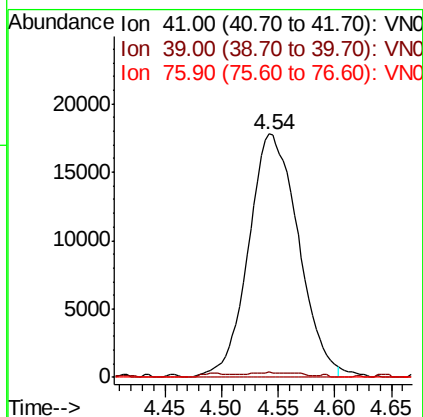
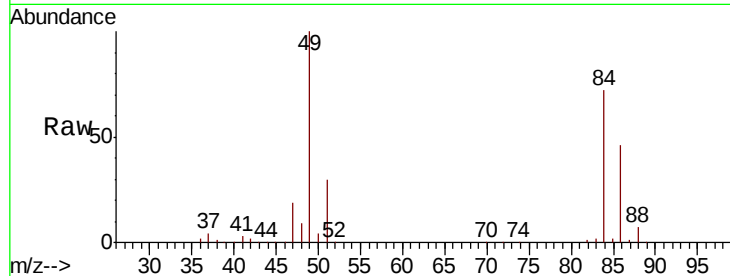




#14
Allvl chloride
Concen: 5.248 ug/l
RT: 4.54 min Scan# 861
Delta R.T. 0.23 min
Lab File: VN055016.D
Acq: 12 Apr 2019 22:51

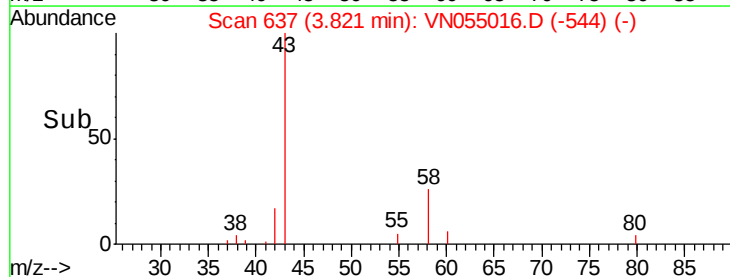
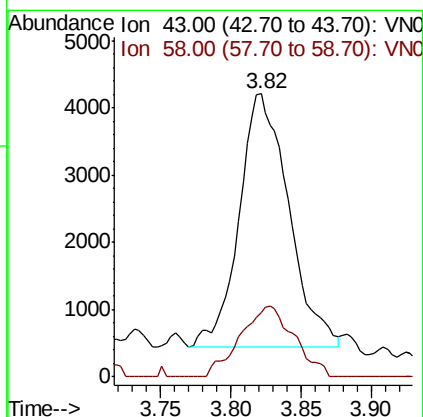
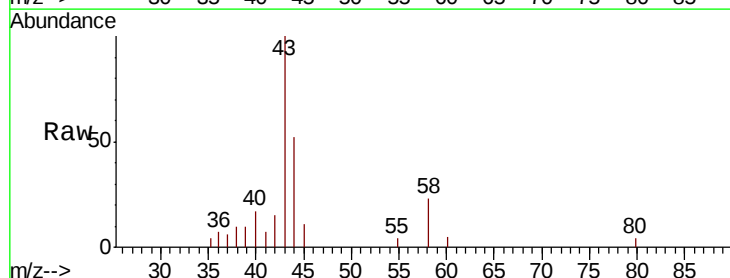
Instrument :
MSVOA_N
ClientSampled :
TP-13-S

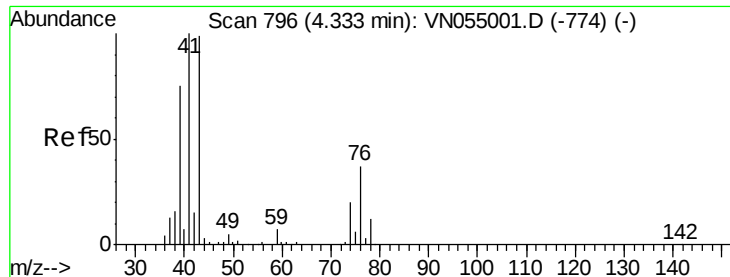
Tot Ion: 41 Resp: 54404
Ion Ratio Lower Upper
41 100
39 0.5 52.7 79.1#
76 0.0 23.2 34.8#



#16
Acetone
Concen: 4.913 ug/l
RT: 3.82 min Scan# 637
Delta R.T. -0.00 min
Lab File: VN055016.D
Acq: 12 Apr 2019 22:51

Tgt Ion: 43 Resp: 9294
Ion Ratio Lower Upper
43 100
58 25.6 20.9 31.3

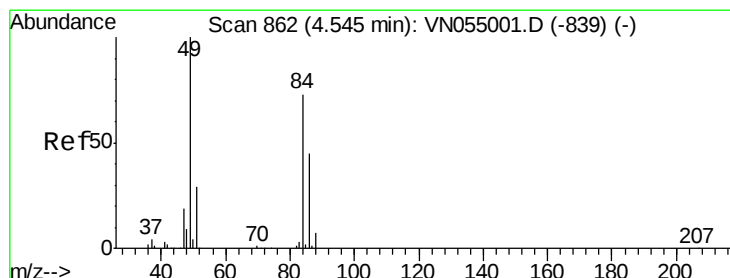
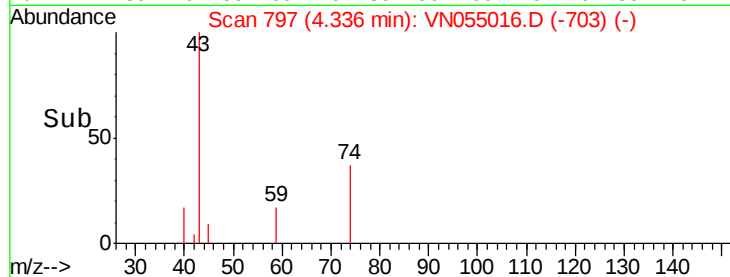
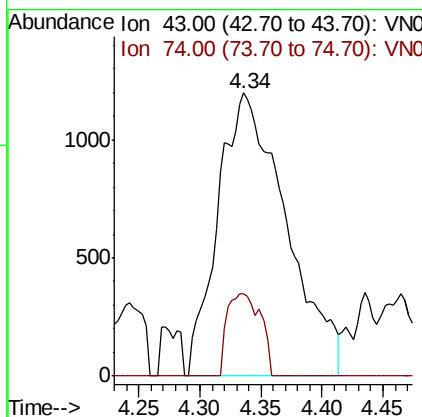
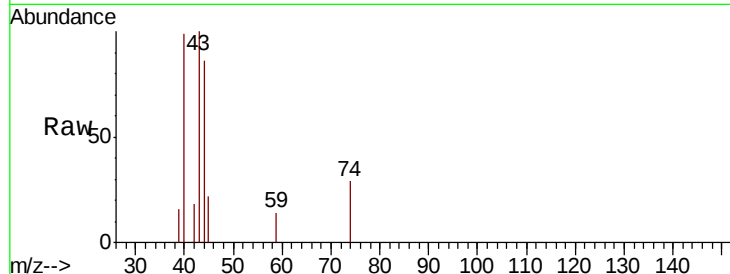




#18
Methyl Acetate
Concen: 0.795 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.00 min
Lab File: VN055016.D
Acq: 12 Apr 2019 22:51

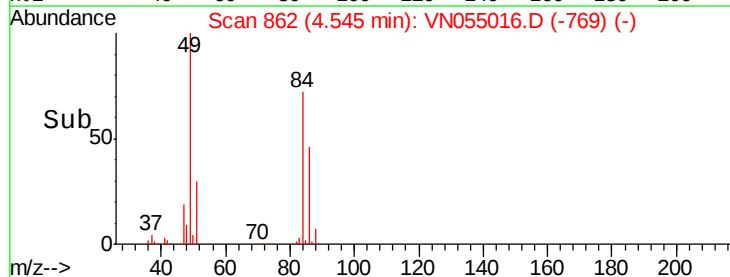
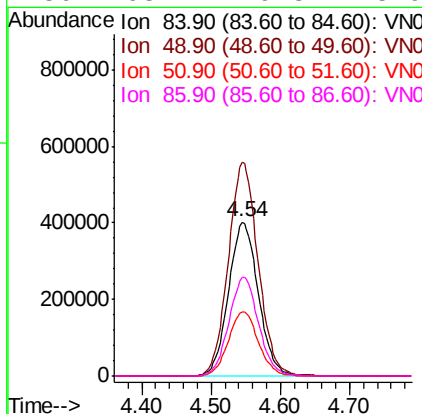
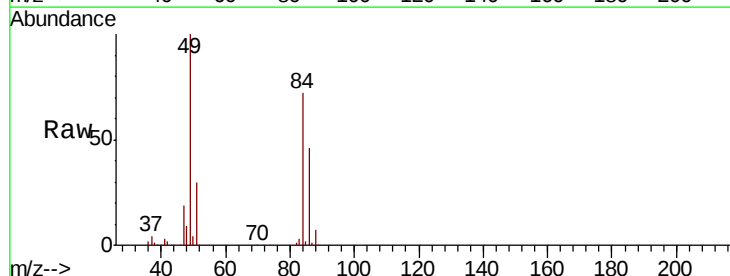
Instrument :
MSVOA_N
ClientSampled :
TP-13-S

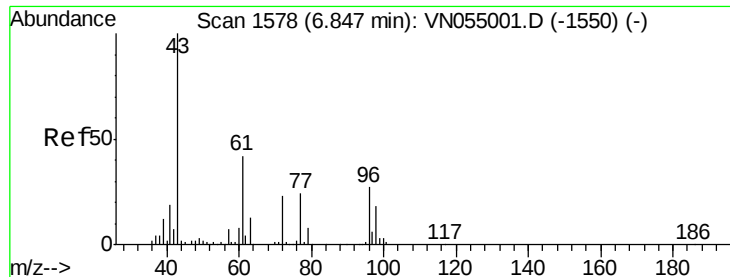
Tot Ion: 43 Resp: 4663
Ion Ratio Lower Upper
43 100
74 14.1 16.1 24.1#



#20
Methylene Chloride
Concen: 201.177 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN055016.D
Acq: 12 Apr 2019 22:51

Tgt Ion: 84 Resp: 1207151
Ion Ratio Lower Upper
84 100
49 138.7 109.4 164.2
51 41.7 32.2 48.4
86 63.7 49.3 73.9





#25

2-Butanone

Concen: 0.215 ug/l

RT: 6.86 min Scan# 1581

Delta R.T. 0.01 min

Lab File: VN055016.D

Acq: 12 Apr 2019 22:51

Instrument :

MSVOA_N

ClientSampled :

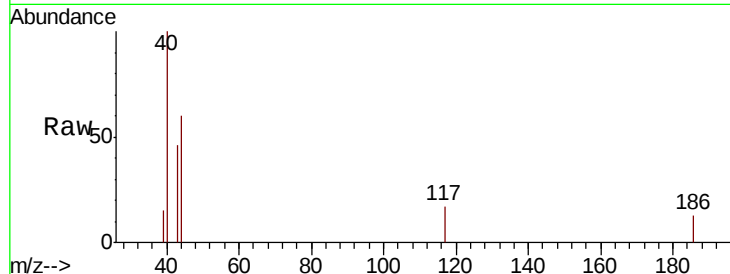
TP-13-S

Tot Ion: 43 Resp: 627

Ion Ratio Lower Upper

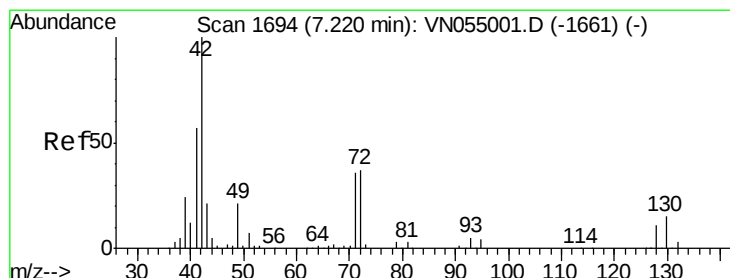
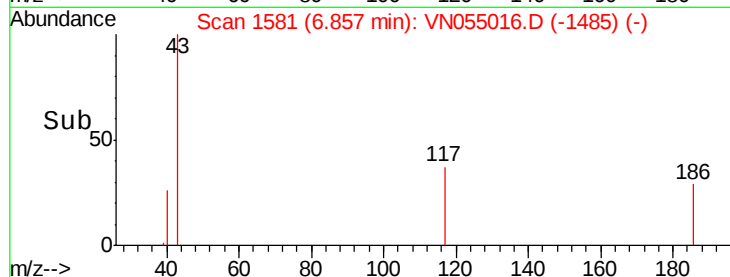
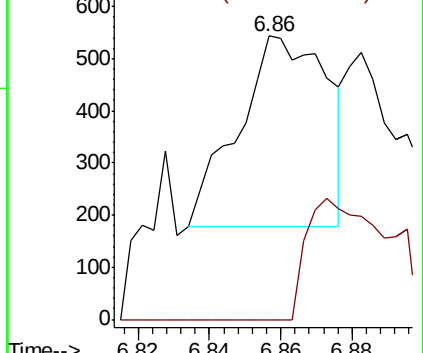
43 100

72 0.0 18.1 27.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#29

Tetrahydrofuran

Concen: 0.838 ug/l

RT: 7.24 min Scan# 1699

Delta R.T. 0.02 min

Lab File: VN055016.D

Acq: 12 Apr 2019 22:51

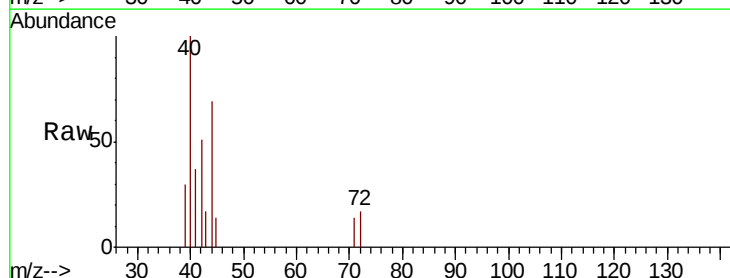
Tgt Ion: 42 Resp: 1601

Ion Ratio Lower Upper

42 100

72 10.1 29.4 44.0#

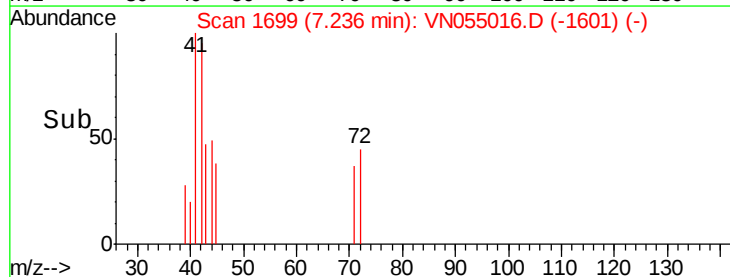
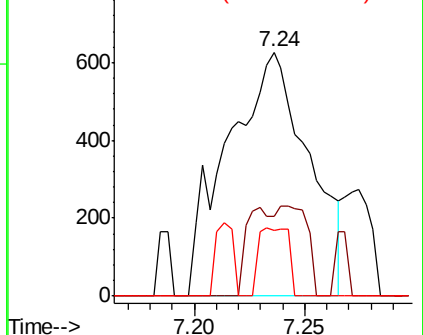
71 10.2 27.8 41.6#

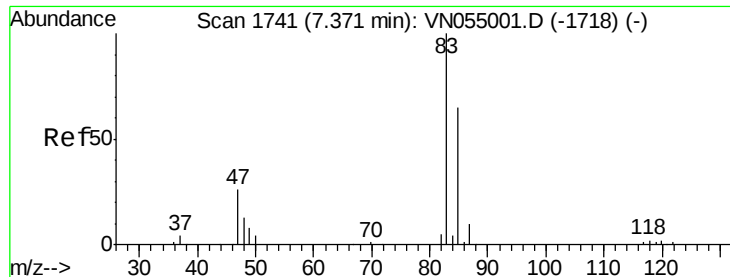


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0





#30

Chloroform

Concen: 0.249 ug/l

RT: 7.37 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VN055016.D

Acq: 12 Apr 2019 22:51

Instrument :

MSVOA_N

ClientSampled :

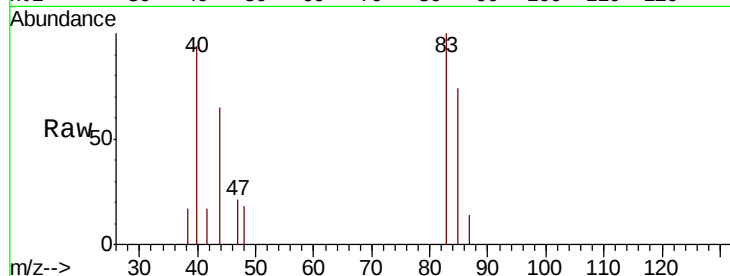
TP-13-S

Tot Ion: 83 Resp: 2696

Ion Ratio Lower Upper

83 100

85 74.2 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

7.37

1200

1000

800

600

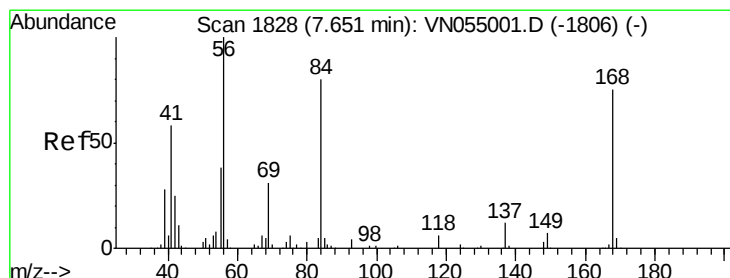
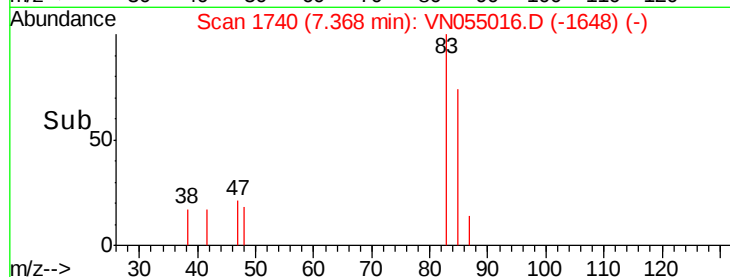
400

200

0

7.35 7.40

Time-->



#31

Cyclohexane

Concen: Below Cal

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN055016.D

Acq: 12 Apr 2019 22:51

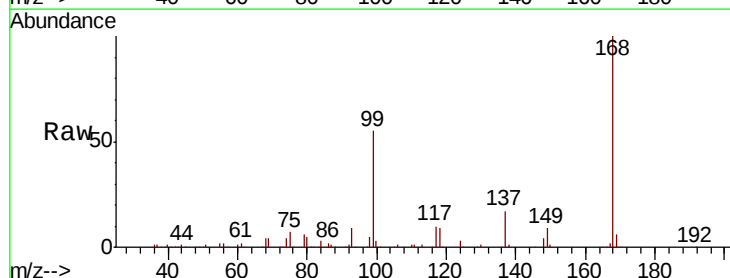
Tgt Ion: 56 Resp: 11735

Ion Ratio Lower Upper

56 100

69 179.2 24.5 36.7#

84 132.3 62.9 94.3#



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

10000

8000

6000

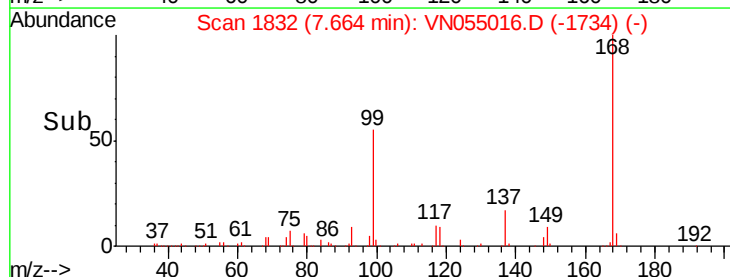
4000

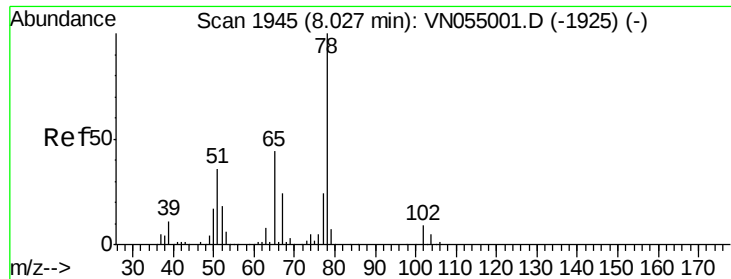
2000

0

7.60 7.65 7.70 7.75

Time-->

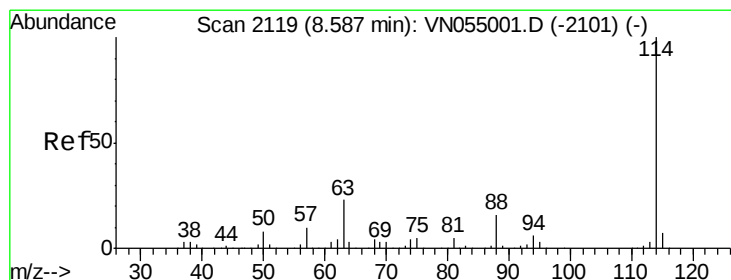
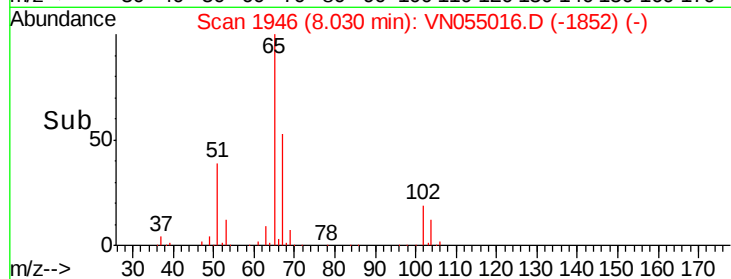
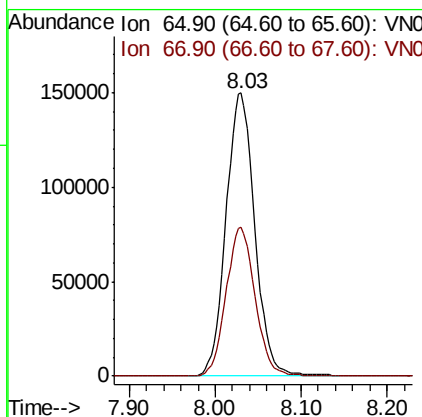
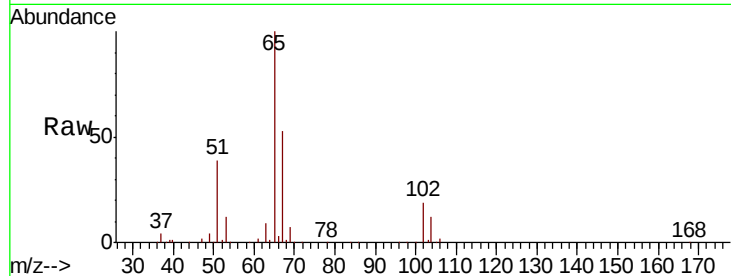




#33
 1,2-Dichloroethane-d4
 Concen: 50.440 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN055016.D
 Acq: 12 Apr 2019 22:51

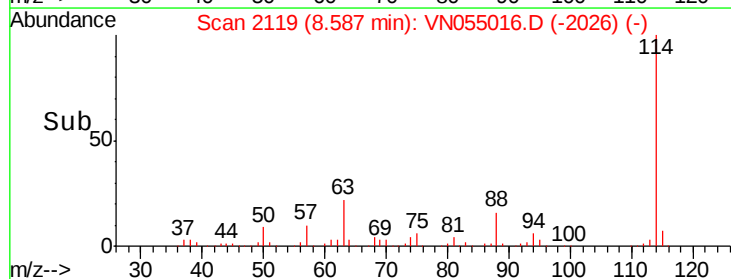
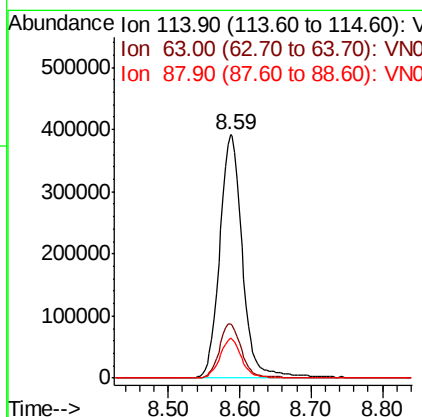
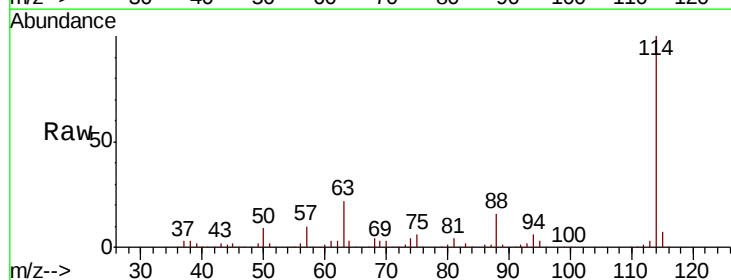
Instrument :
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 TP-13-S

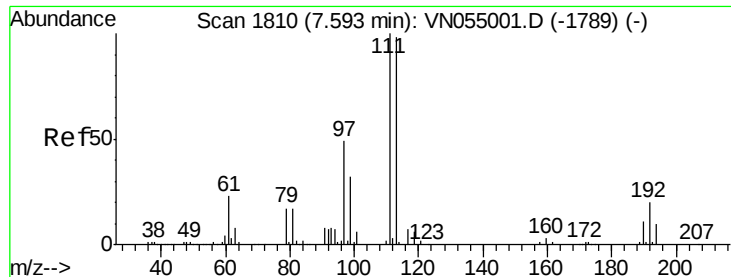
Tot Ion: 65 Resp: 347344
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055016.D
 Acq: 12 Apr 2019 22:51

Tgt Ion: 114 Resp: 865160
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 45.2
 88 16.2 0.0 31.8

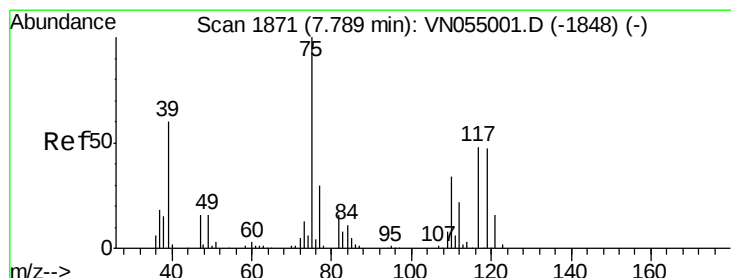
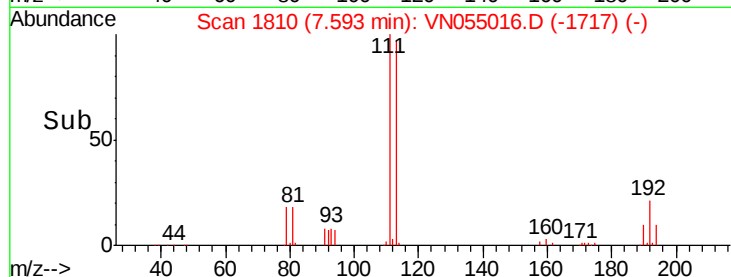
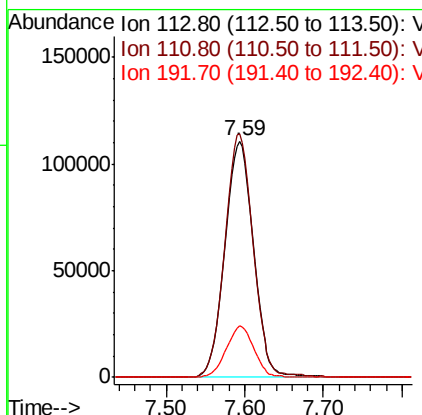
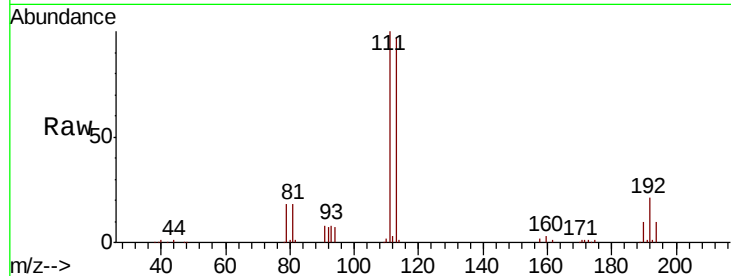




#35
 Dibromofluoromethane
 Concen: 50.610 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN055016.D
 Acq: 12 Apr 2019 22:51

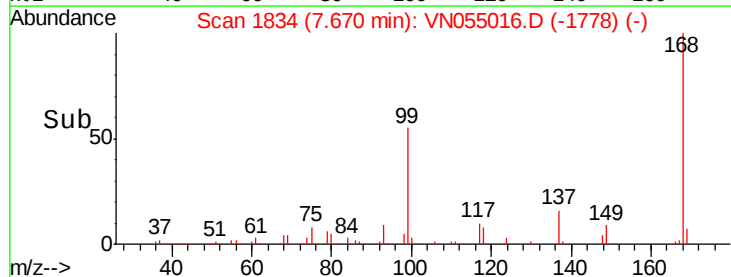
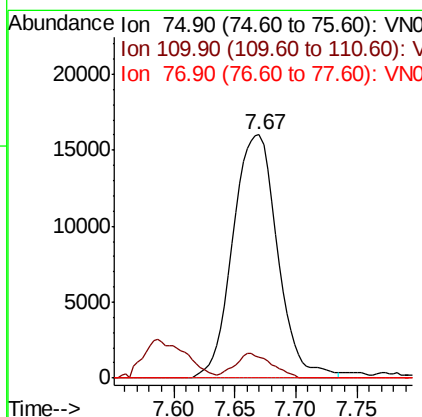
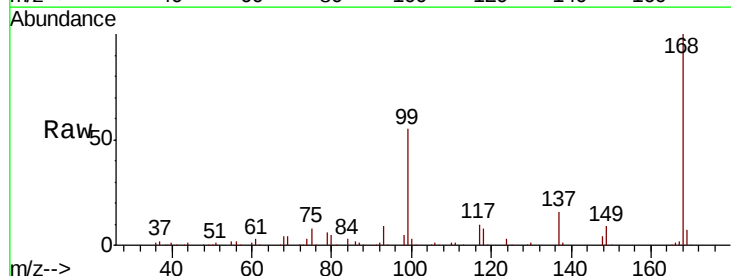
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-13-S

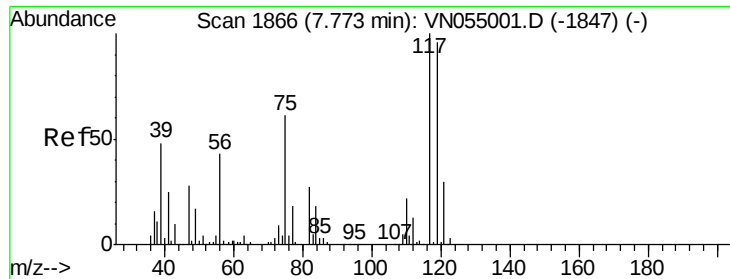
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.1	123.1
192	21.0	16.5	24.7



#36
 1,1-Dichloropropene
 Concen: 5.080 ug/l
 RT: 7.67 min Scan# 1834
 Delta R.T. -0.12 min
 Lab File: VN055016.D
 Acq: 12 Apr 2019 22:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.3	17.5	52.5#
77	0.0	24.9	37.3#

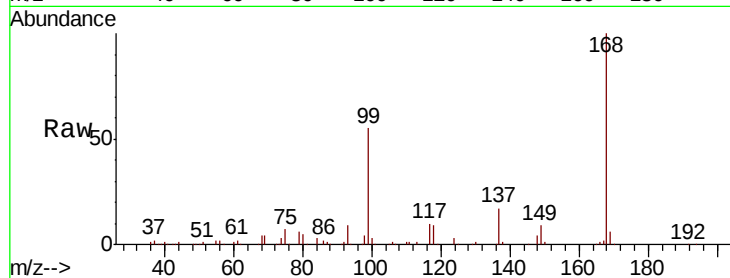




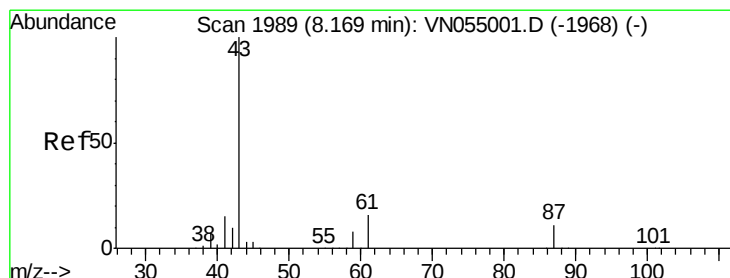
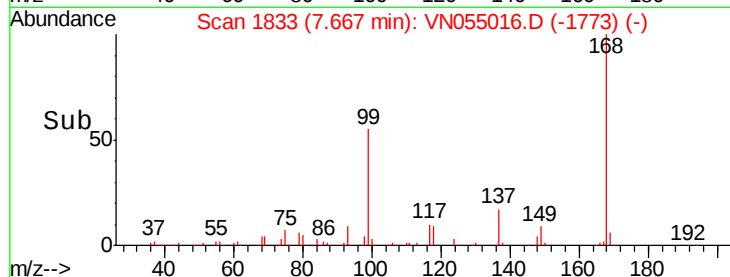
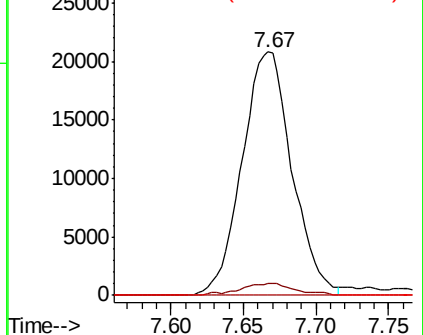
#38
Carbon Tetrachloride
Concen: 6.617 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN055016.D
Acq: 12 Apr 2019 22:51

Instrument :
MSVOA_N
ClientSampled :
TP-13-S

Tot Ion:117 Resp: 49806
Ion Ratio Lower Upper
117 100
119 4.8 76.3 114.5#
121 0.0 23.9 35.9#

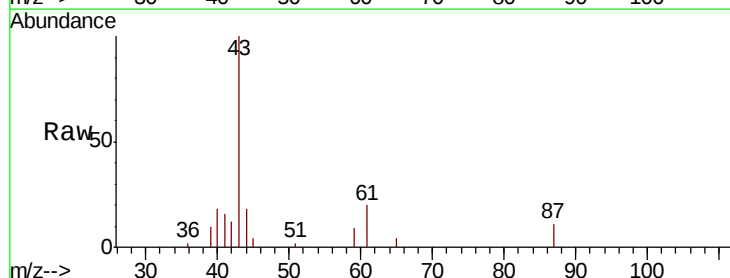


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

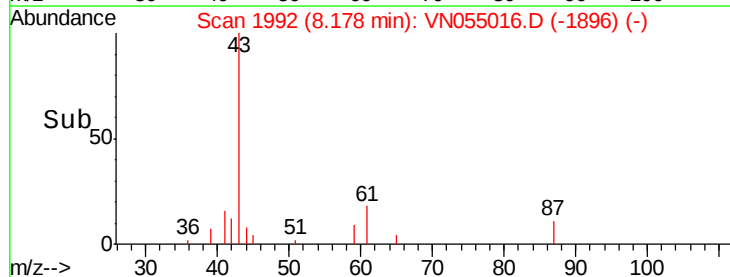
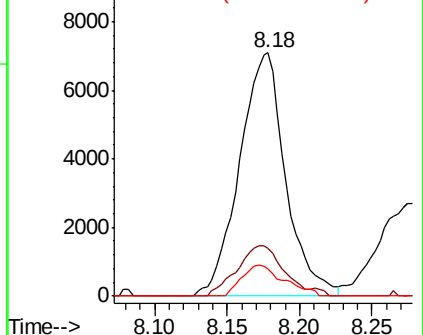


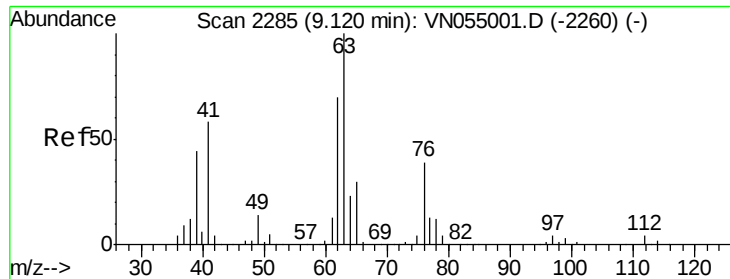
#43
Isopropyl Acetate
Concen: 1.527 ug/l
RT: 8.18 min Scan# 1992
Delta R.T. 0.01 min
Lab File: VN055016.D
Acq: 12 Apr 2019 22:51

Tgt Ion: 43 Resp: 15677
Ion Ratio Lower Upper
43 100
61 20.7 14.3 21.5
87 11.7 8.6 13.0



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





#45

1,2-Dichloropropane

Concen: 0.274 ug/l

RT: 9.27 min Scan# 2333

Delta R.T. 0.15 min

Lab File: VN055016.D

Acq: 12 Apr 2019 22:51

Instrument :

MSVOA_N

ClientSampleId :

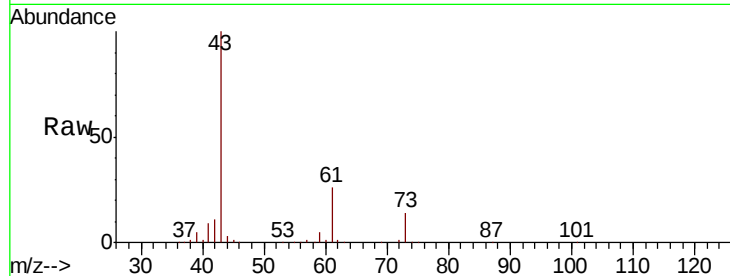
TP-13-S

Tot Ion: 63 Resp: 1866

Ion Ratio Lower Upper

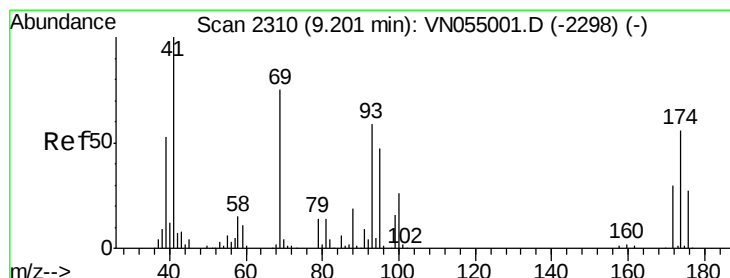
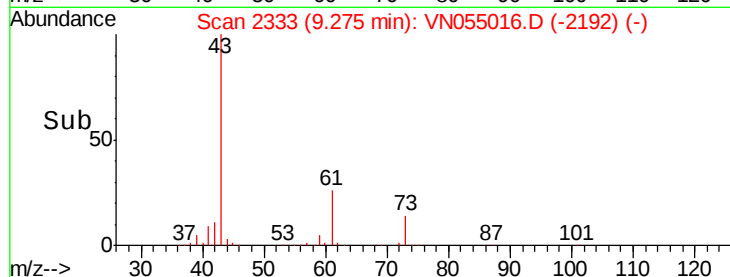
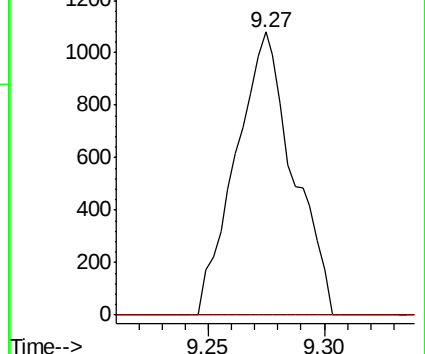
63 100

65 0.0 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#48

Methyl methacrylate

Concen: 1.631 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.02 min

Lab File: VN055016.D

Acq: 12 Apr 2019 22:51

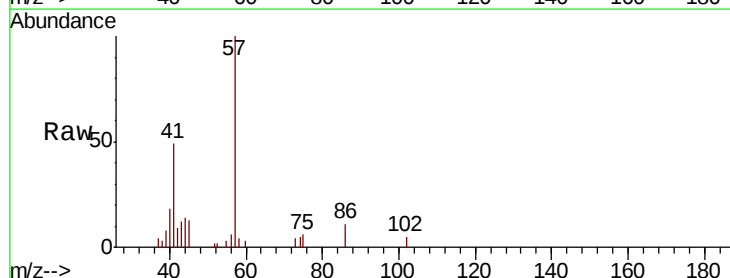
Tgt Ion: 41 Resp: 8625

Ion Ratio Lower Upper

41 100

69 0.0 60.5 90.7#

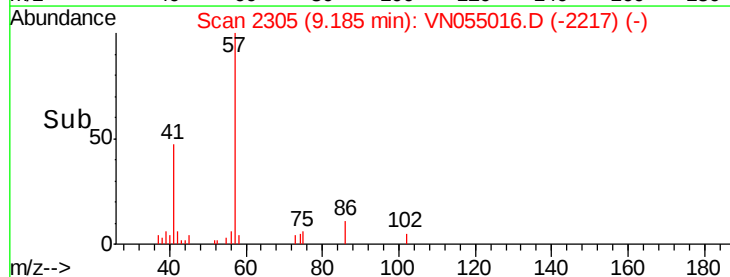
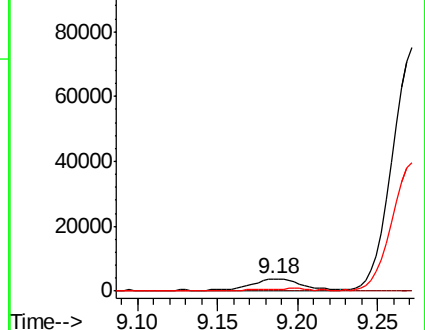
39 0.0 43.9 65.9#

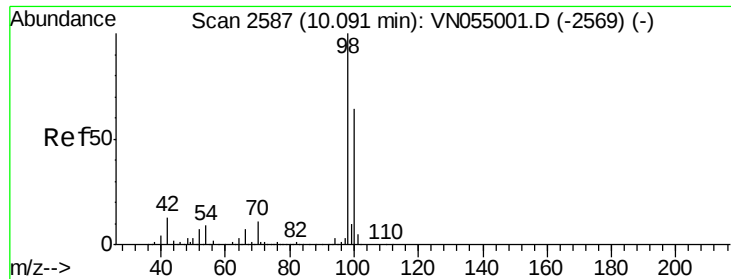


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#50

Toluene-d8

Concen: 49.905 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055016.D

Acq: 12 Apr 2019 22:51

Instrument :

MSVOA_N

ClientSampled :

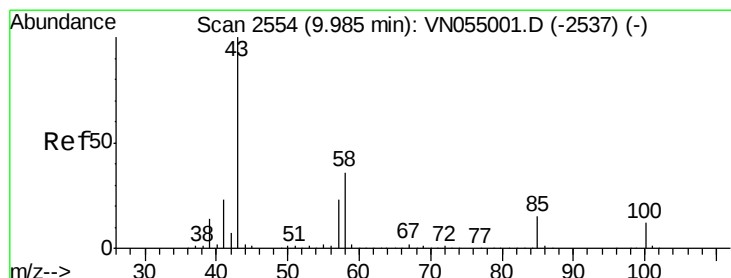
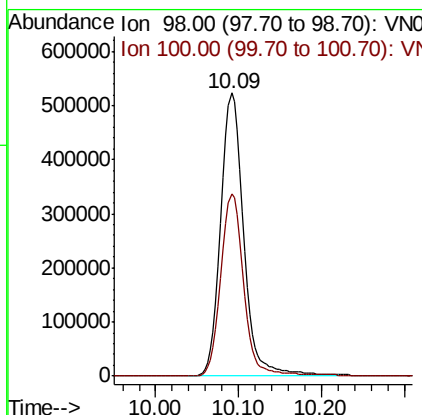
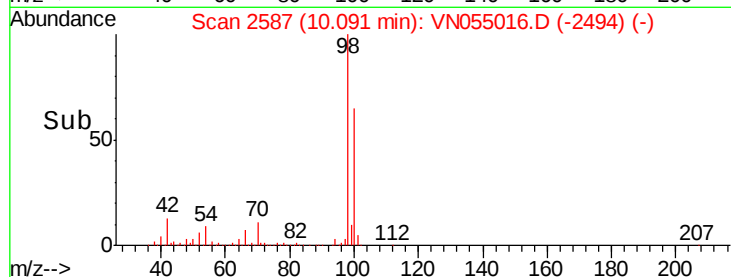
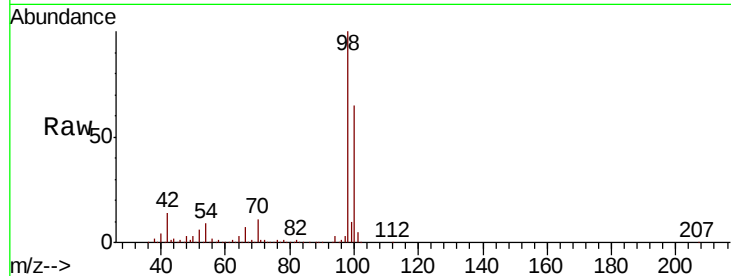
TP-13-S

Tot Ion: 98 Resp: 1010892

Ion Ratio Lower Upper

98 100

100 64.6 51.1 76.7



#51

4-Methyl-2-Pentanone

Concen: 0.907 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN055016.D

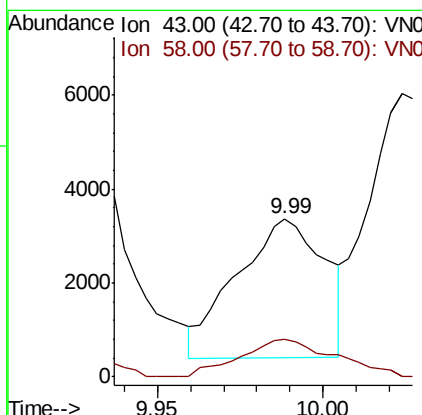
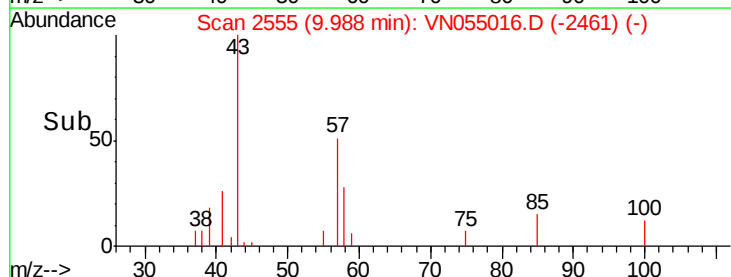
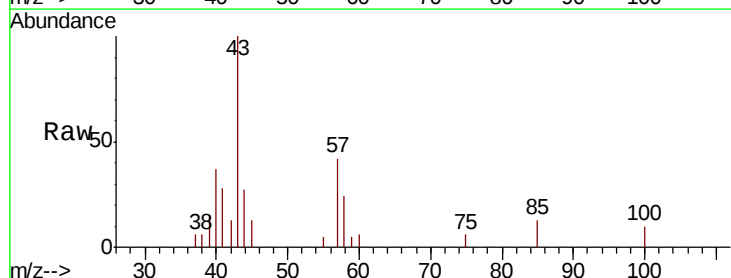
Acq: 12 Apr 2019 22:51

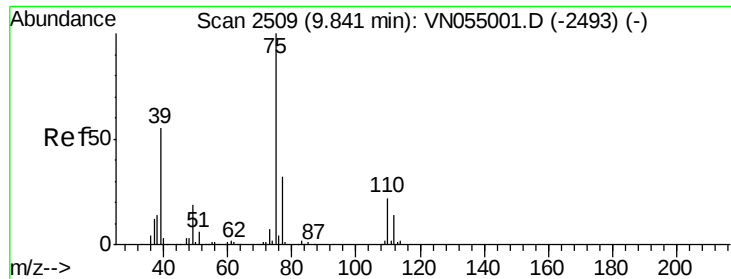
Tgt Ion: 43 Resp: 5453

Ion Ratio Lower Upper

43 100

58 29.3 29.0 43.4





#54

cis-1,3-Dichloropropene

Concen: 6.181 ug/l

RT: 9.91 min Scan# 2530

Delta R.T. 0.07 min

Lab File: VN055016.D

Acq: 12 Apr 2019 22:51

Instrument :

MSVOA_N

ClientSampleId :

TP-13-S

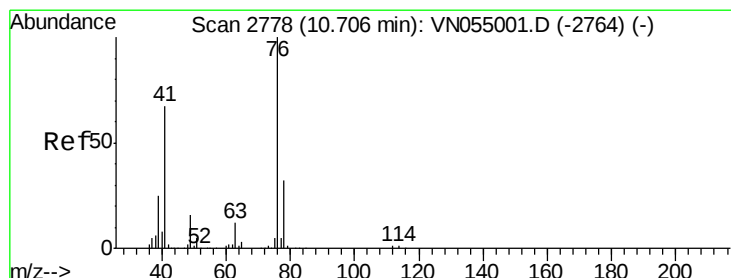
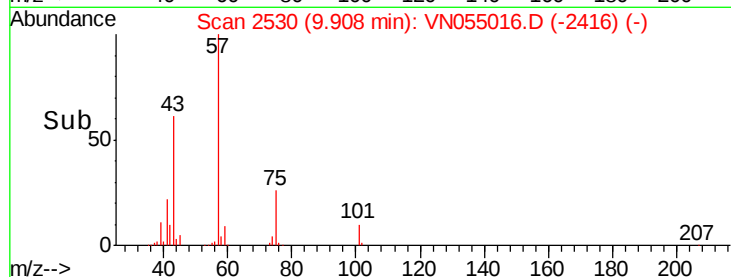
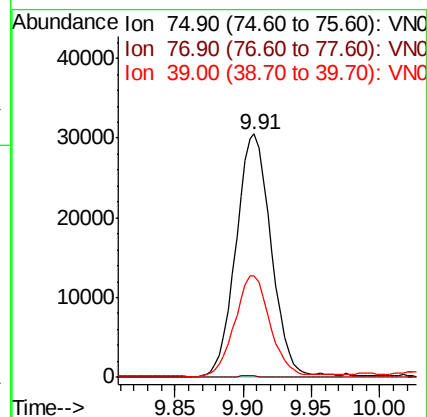
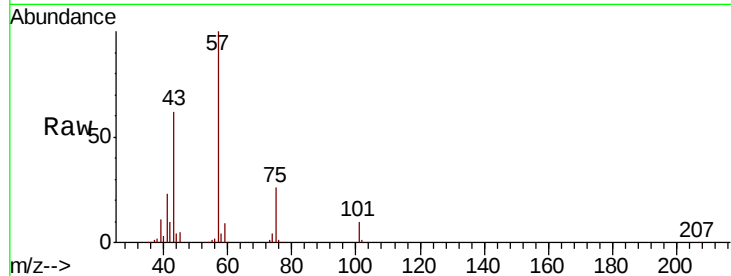
Tot Ion: 75 Resp: 54803

Ion Ratio Lower Upper

75 100

77 0.6 25.8 38.6#

39 41.7 43.8 65.8#



#57

1,3-Dichloropropane

Concen: 1.191 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN055016.D

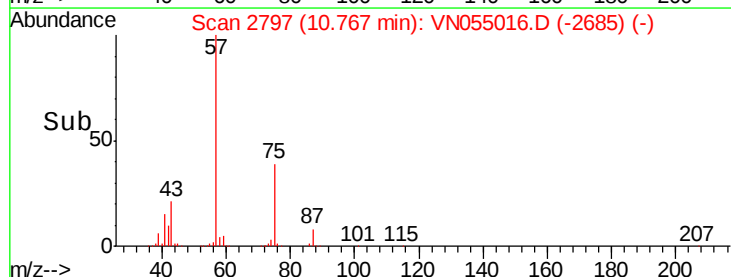
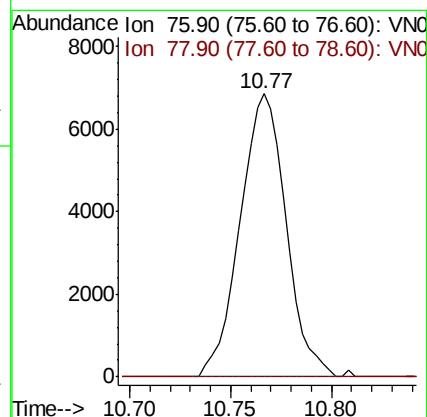
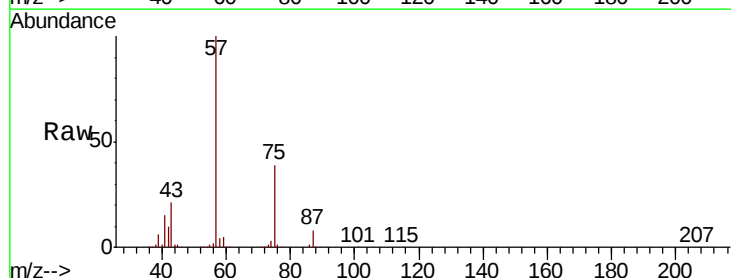
Acq: 12 Apr 2019 22:51

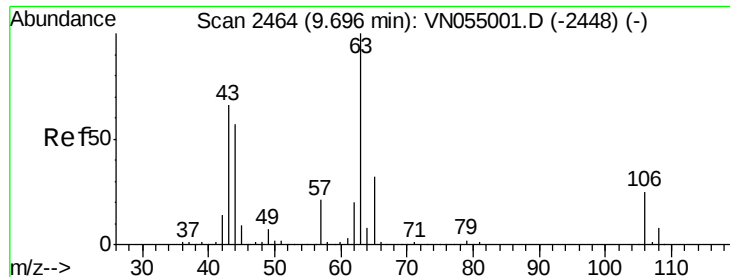
Tgt Ion: 76 Resp: 10939

Ion Ratio Lower Upper

76 100

78 0.0 25.6 38.4#

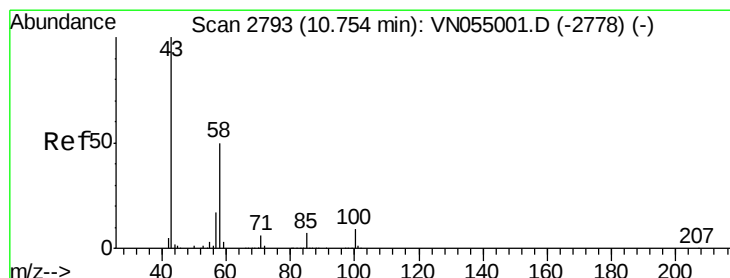
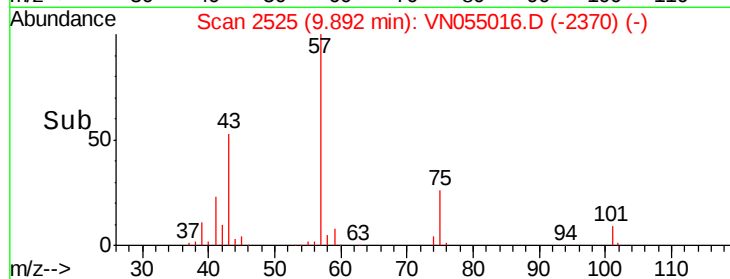
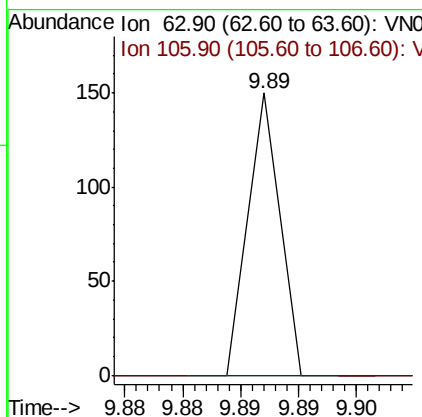
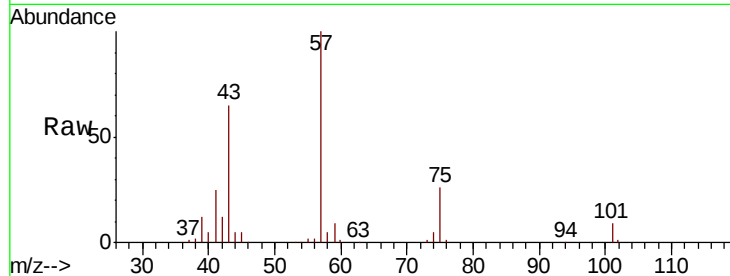




#58
 2-Chloroethyl Vinyl ether
 Concen: 18.212 ug/l
 RT: 9.89 min Scan# 2525
 Delta R.T. 0.20 min
 Lab File: VN055016.D
 Acq: 12 Apr 2019 22:51

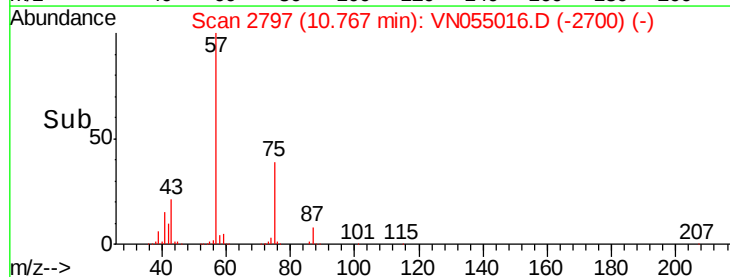
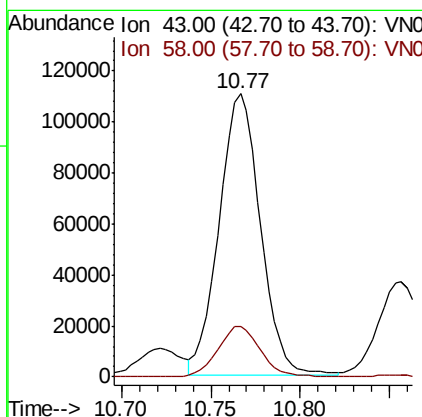
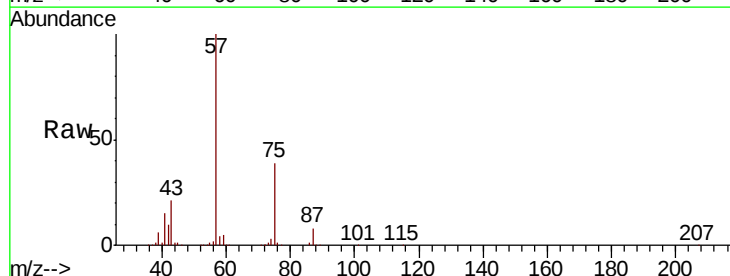
Instrument :
 MSVOA_N
 ClientSampled :
 TP-13-S

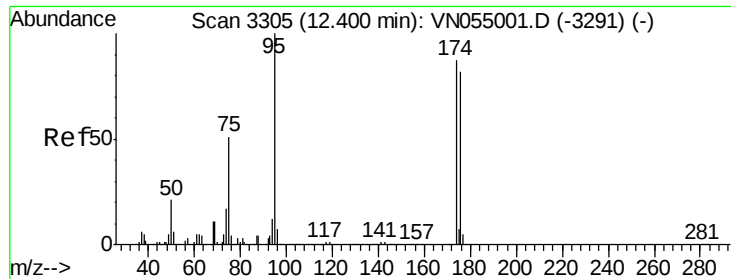
Tot Ion: 63 Resp: 29
 Ion Ratio Lower Upper
 63 100
 106 0.0 20.0 30.0#



#59
 2-Hexanone
 Concen: 47.267 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.01 min
 Lab File: VN055016.D
 Acq: 12 Apr 2019 22:51

Tgt Ion: 43 Resp: 177509
 Ion Ratio Lower Upper
 43 100
 58 18.7 25.1 75.2#





#62

4-Bromofluorobenzene

Concen: 42.054 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055016.D

Acq: 12 Apr 2019 22:51

Instrument :

MSVOA_N

ClientSampled :

TP-13-S

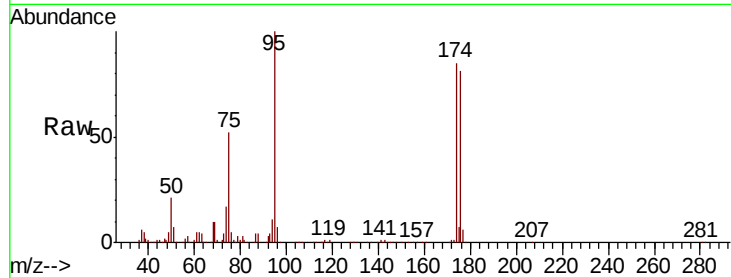
Tot Ion: 95 Resp: 286951

Ion Ratio Lower Upper

95 100

174 85.4 0.0 174.4

176 82.6 0.0 166.8



Abundance Ion 94.90 (94.60 to 95.60): VN055001.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055001.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055001.D (-3291) (-)

12.40

200000

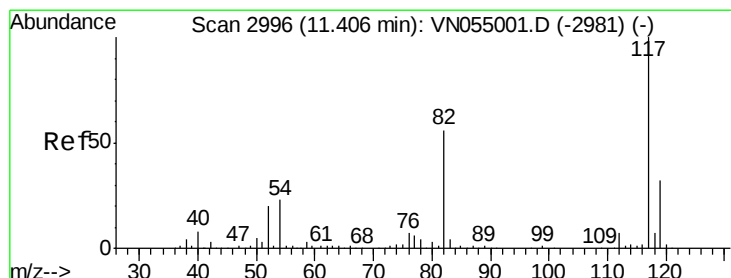
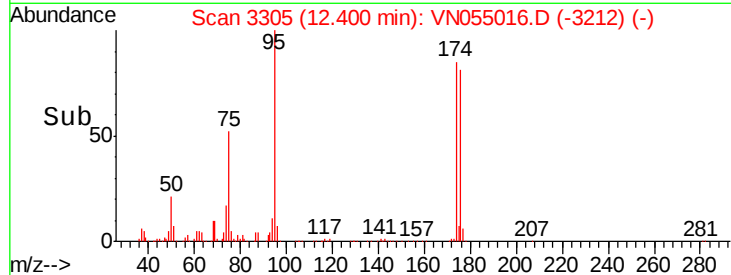
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN055016.D

Acq: 12 Apr 2019 22:51

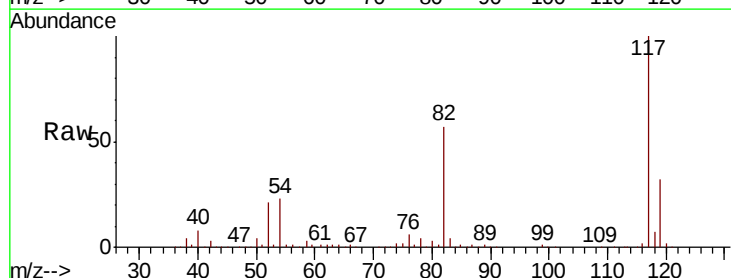
Tgt Ion: 117 Resp: 701970

Ion Ratio Lower Upper

117 100

82 56.7 44.6 66.8

119 32.4 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN055001.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055001.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055001.D (-2981) (-)

11.41

500000

400000

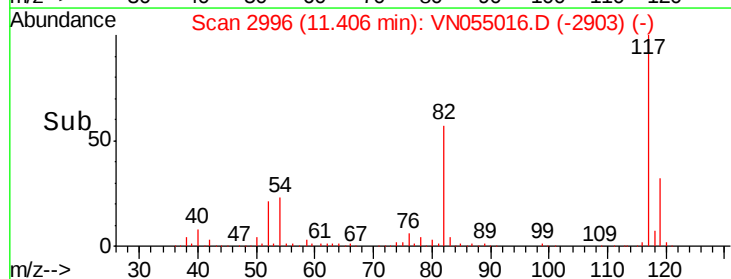
300000

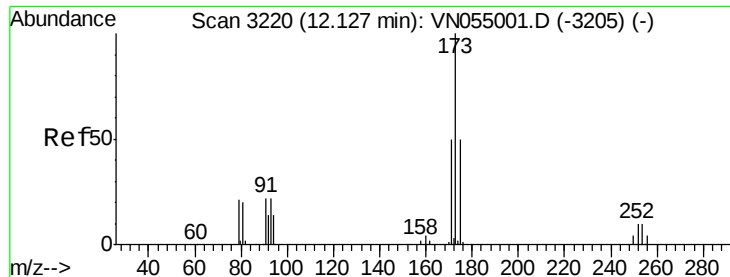
200000

100000

0

Time--> 11.30 11.40 11.50 11.60





#71

Bromoform

Concen: 3.442 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN055016.D

Acq: 12 Apr 2019 22:51

Instrument :

MSVOA_N

ClientSampled :

TP-13-S

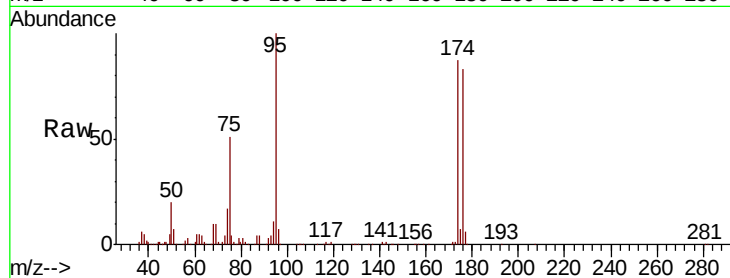
Tot Ion:173 Resp: 3090

Ion Ratio Lower Upper

173 100

175 521.8 24.3 73.0#

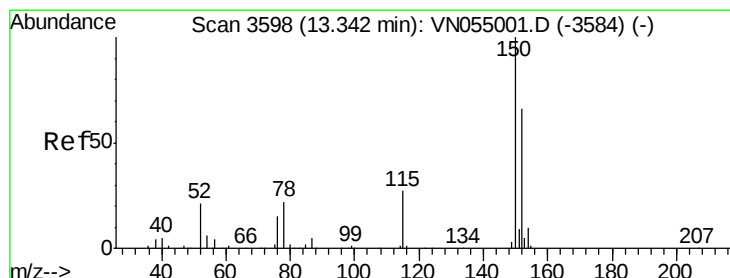
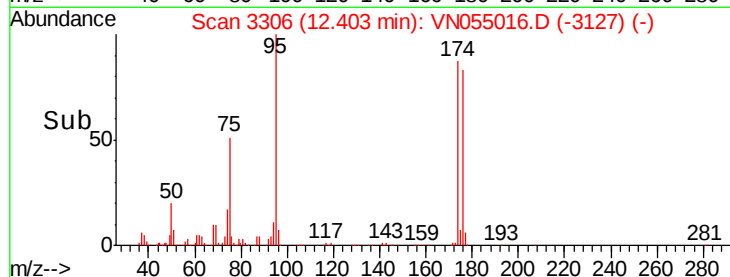
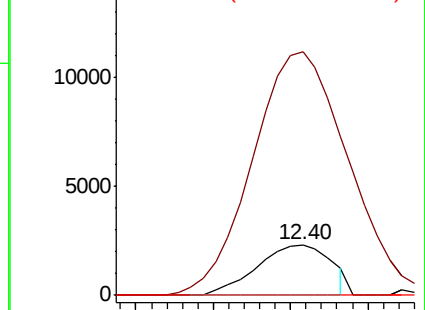
254 0.0 0.1 0.1#



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: VN055016.D

Acq: 12 Apr 2019 22:51

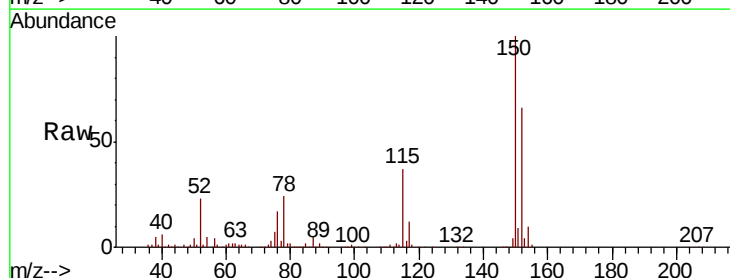
Tgt Ion:152 Resp: 227449

Ion Ratio Lower Upper

152 100

115 56.9 28.5 85.6

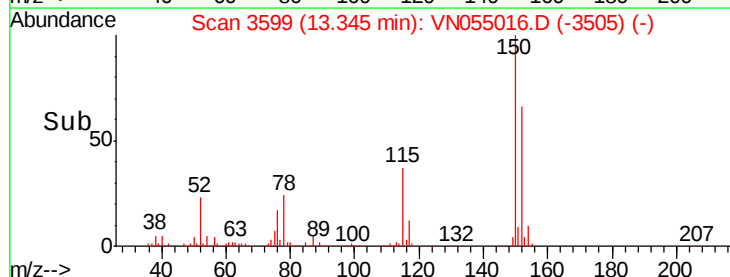
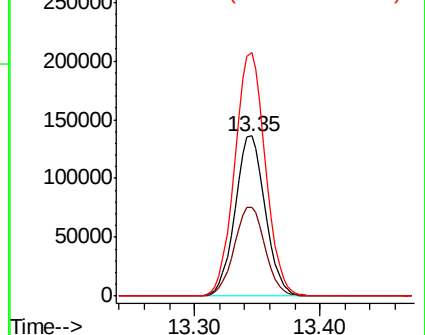
150 154.8 0.0 347.2

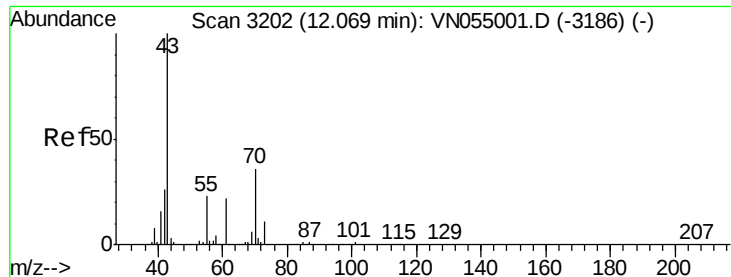


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

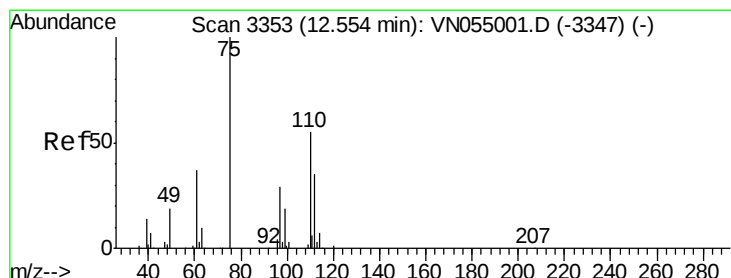
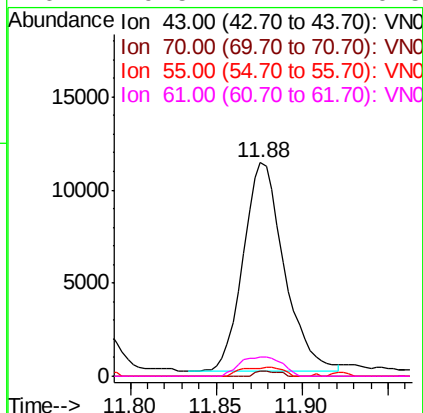
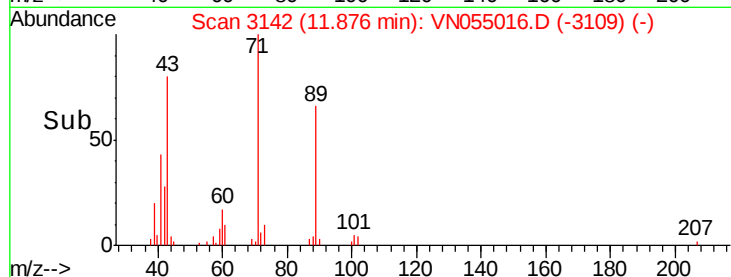
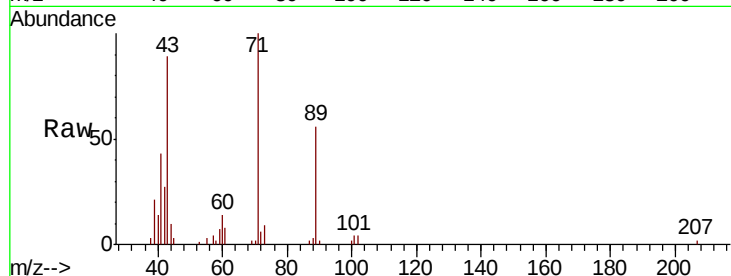




#74
N-amvl acetate
Concen: 3.179 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN055016.D
Acq: 12 Apr 2019 22:51

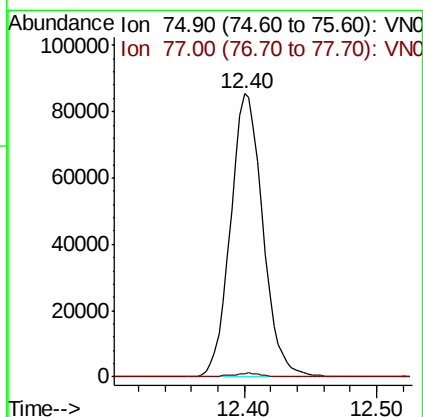
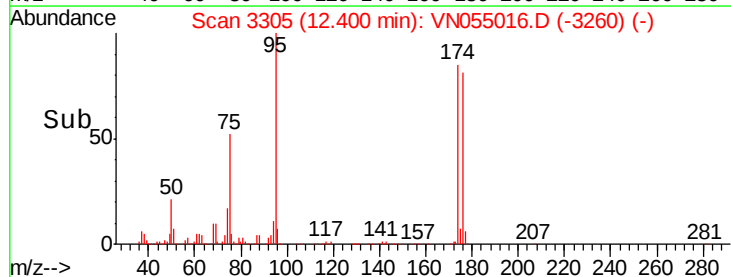
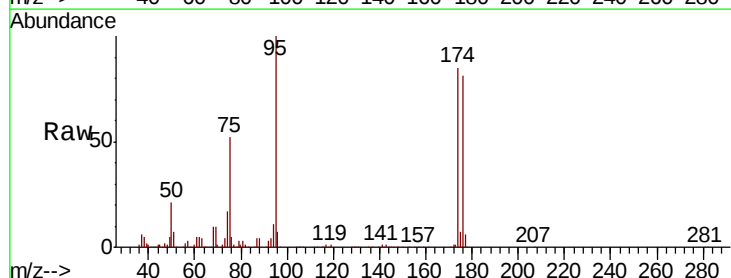
Instrument :
MSVOA_N
ClientSampled :
TP-13-S

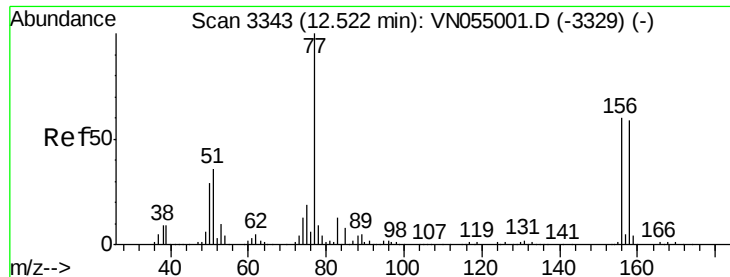
Tot Ion: 43 Resp: 18529
Ion Ratio Lower Upper
43 100
70 1.3 29.4 44.0#
55 4.3 19.0 28.4#
61 9.5 17.7 26.5#



#76
1,2,3-Trichloropropane
Concen: 34.596 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN055016.D
Acq: 12 Apr 2019 22:51

Tgt Ion: 75 Resp: 144765
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#77

Bromobenzene

Concen: Below Cal

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN055016.D

Acq: 12 Apr 2019 22:51

Instrument :

MSVOA_N

ClientSampleId :

TP-13-S

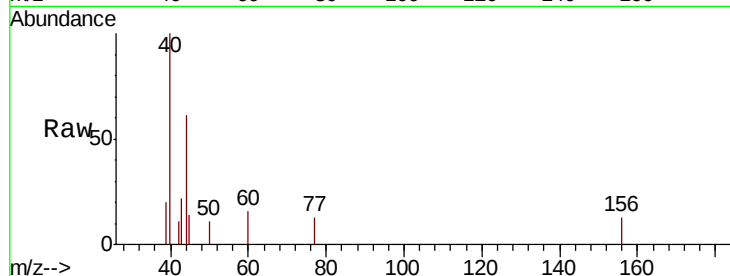
Tot Ion:156 Resp: 102

Ion Ratio Lower Upper

156 100

77 70.6 97.2 291.5#

158 0.0 48.6 145.9#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V

12.52

200

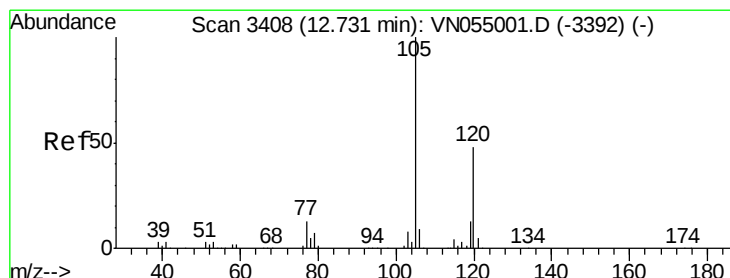
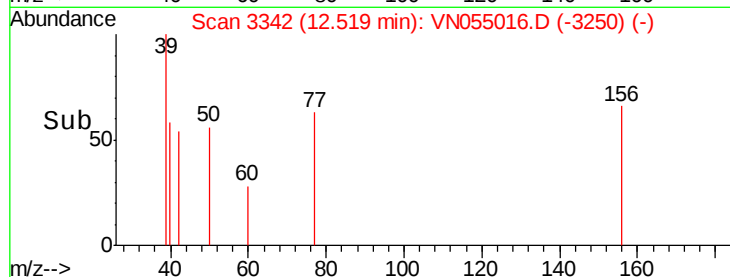
150

100

50

0

Time--> 12.50 12.51 12.52 12.53



#80

1,3,5-Trimethylbenzene

Concen: 0.514 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN055016.D

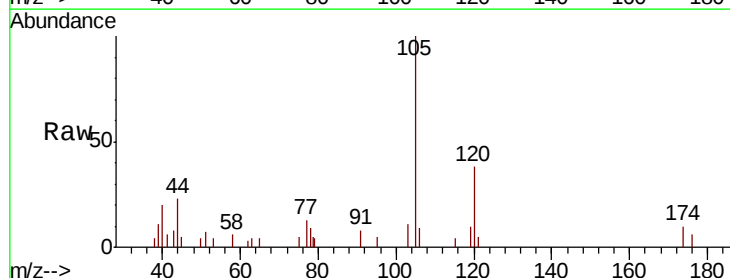
Acq: 12 Apr 2019 22:51

Tgt Ion:105 Resp: 8090

Ion Ratio Lower Upper

105 100

120 42.7 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

6000

5000

4000

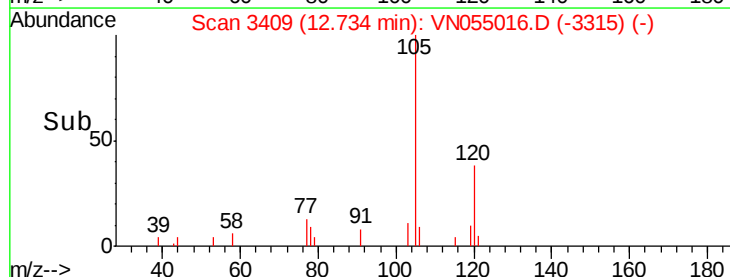
3000

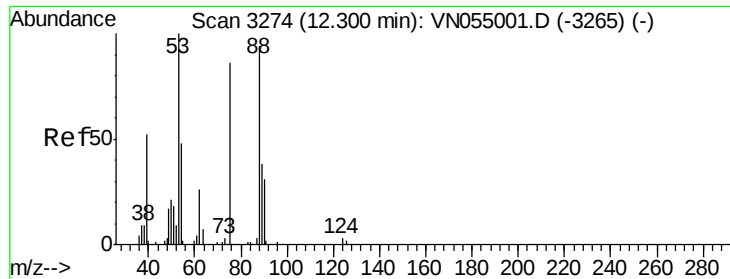
2000

1000

0

Time--> 12.70 12.75





#81

trans-1,4-Dichloro-2-butene

Concen: 142.793 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055016.D

Acq: 12 Apr 2019 22:51

Instrument :

MSVOA_N

ClientSampled :

TP-13-S

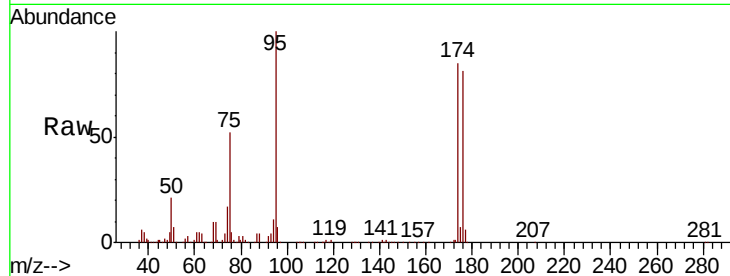
Tot Ion: 75 Resp: 144765

Ion Ratio Lower Upper

75 100

53 0.1 96.3 144.5#

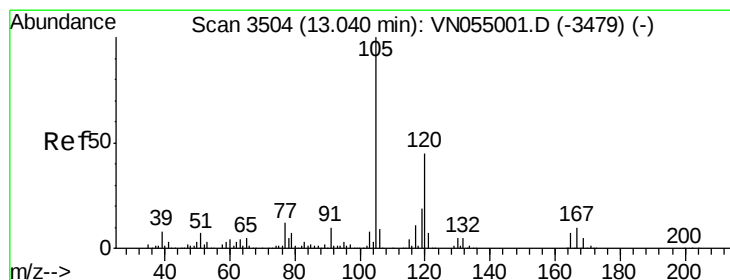
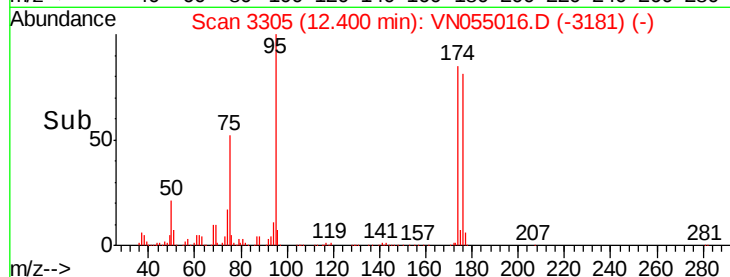
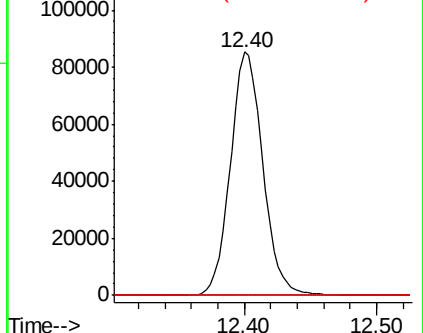
89 0.0 38.6 57.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#84

1,2,4-Trimethylbenzene

Concen: 0.228 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN055016.D

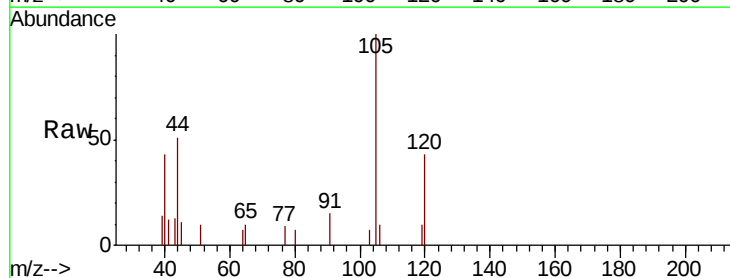
Acq: 12 Apr 2019 22:51

Tgt Ion:105 Resp: 3444

Ion Ratio Lower Upper

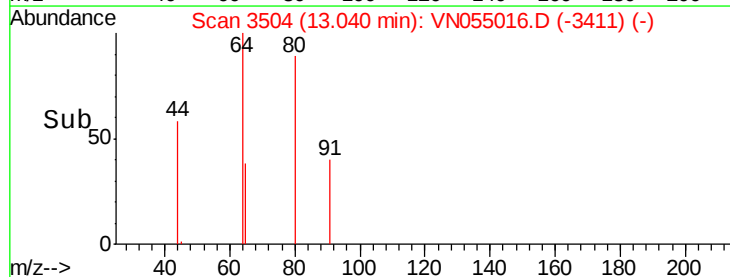
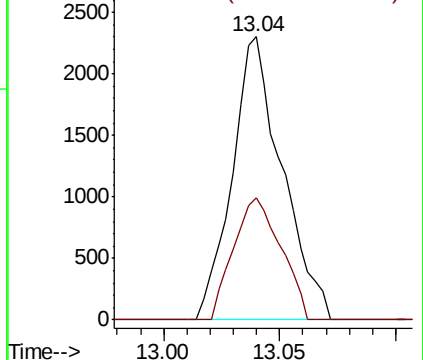
105 100

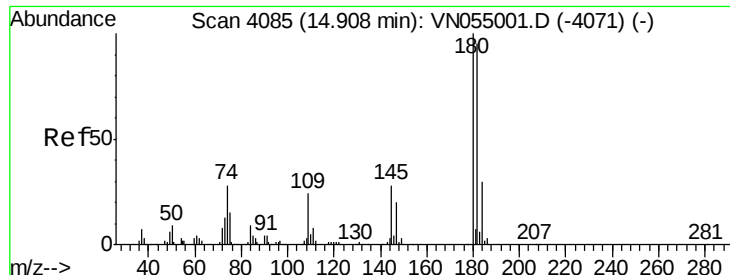
120 40.8 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

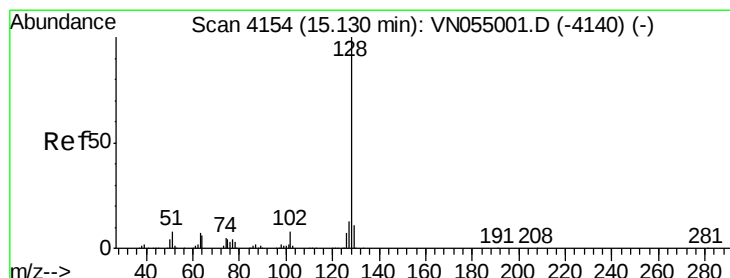
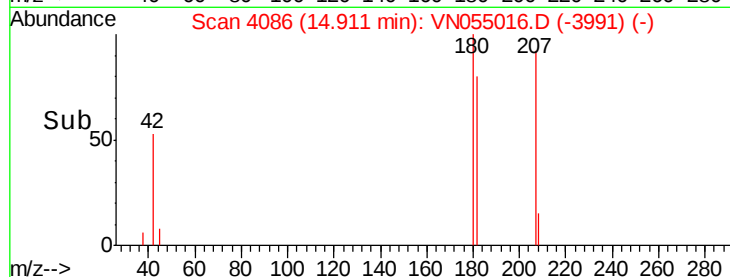
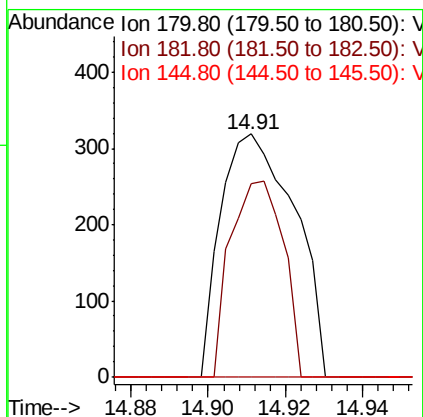
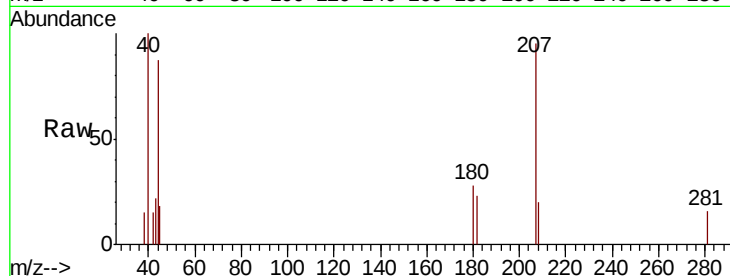




#93
 1,2,4-Trichlorobenzene
 Concen: 3.636 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN055016.D
 Acq: 12 Apr 2019 22:51

Instrument :
 MSVOA_N
 ClientSampled :
 TP-13-S

Tot Ion:180 Resp: 423
 Ion Ratio Lower Upper
 180 100
 182 57.4 47.5 142.6
 145 0.0 14.2 42.8#



#95
 Naphthalene
 Concen: 5.049 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN055016.D
 Acq: 12 Apr 2019 22:51

Tgt Ion:128 Resp: 3577
 Ion Ratio Lower Upper
 128 100
 127 7.1 10.1 15.1#
 129 5.0 8.8 13.2#

