

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060519\
 Data File : VN056006.D
 Acq On : 5 Jun 2019 13:41
 Operator : JC/SP
 Sample : K3163-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 06 01:21:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	392992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	594348	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	567336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	203570	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	185600	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
35) Dibromofluoromethane	7.59	113	166730	45.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.44%	
50) Toluene-d8	10.09	98	712834	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
62) 4-Bromofluorobenzene	12.40	95	240008	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.81	59	203	0.299	ug/l #	74
13) Acrolein	3.62	56	60	0.306	ug/l #	15
14) Allyl chloride	4.54	41	5646	1.084	ug/l #	26
16) Acetone	3.82	43	59084	31.659	ug/l	99
18) Methyl Acetate	4.34	43	3848	0.477	ug/l #	72
20) Methylene Chloride	4.54	84	156902	40.808	ug/l	97
25) 2-Butanone	6.86	43	2182	0.925	ug/l	99
29) Tetrahydrofuran	7.21	42	405	0.278	ug/l #	38
31) Cyclohexane	7.66	56	6224	1.005	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	22061	4.317	ug/l #	48
38) Carbon Tetrachloride	7.66	117	32112	6.815	ug/l #	14
40) Benzene	8.04	78	9012	0.581	ug/l	98
41) Methacrylonitrile	7.23	41	431	0.206	ug/l #	19
43) Isopropyl Acetate	8.17	43	13959	1.894	ug/l #	89
45) 1,2-Dichloropropane	9.27	63	1563	0.393	ug/l #	44
48) Methyl methacrylate	9.18	41	8362	2.320	ug/l #	12
51) 4-Methyl-2-Pentanone	9.99	43	3888	0.844	ug/l	95
52) Toluene	10.16	92	59732	6.184	ug/l	99
53) t-1,3-Dichloropropene	10.15	75	523	2.488	ug/l #	1
54) cis-1,3-Dichloropropene	9.90	75	59052	10.426	ug/l #	57
57) 1,3-Dichloropropane	10.76	76	11920	1.917	ug/l #	42
59) 2-Hexanone	10.76	43	148689	44.522	ug/l #	51
67) Ethyl Benzene	11.51	91	13570	0.691	ug/l #	87
68) m/p-Xylenes	11.62	106	18586	2.478	ug/l	100
69) o-Xylene	11.95	106	7494	1.016	ug/l	92
71) Bromoform	12.40	173	1225	3.096	ug/l #	1
73) Isopropylbenzene	12.25	105	789	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.40	75	107919	28.811	ug/l #	100
79) 2-Chlorotoluene	12.69	91	350	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	5542	0.405	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	107919	95.946	ug/l #	15
83) tert-Butylbenzene	13.04	119	1228	Below Cal	#	61
84) 1,2,4-Trimethylbenzene	13.04	105	10552	0.813	ug/l	100
85) sec-Butylbenzene	13.04	105	10552	0.692	ug/l #	55

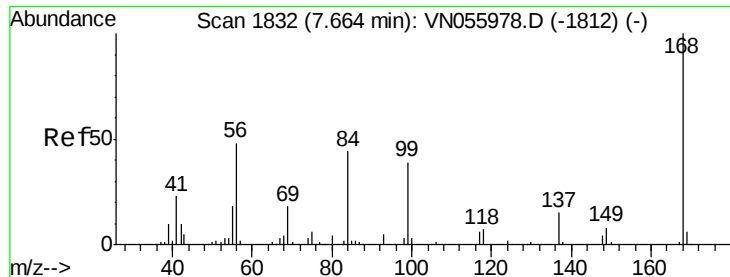
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060519\
Data File : VN056006.D
Acq On : 5 Jun 2019 13:41
Operator : JC/SP
Sample : K3163-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 06 01:21:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.13	128	5819	4.403	ug/l #	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056006.D

Acq: 5 Jun 2019 13:41

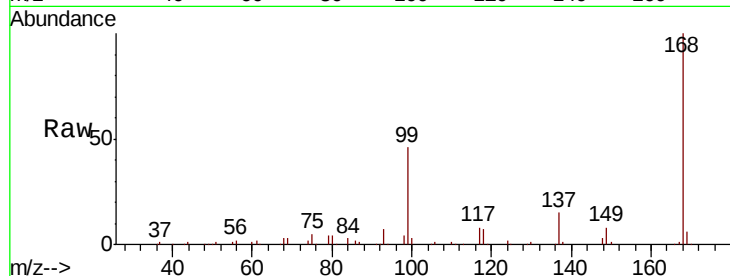
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 392992

Ion Ratio Lower Upper

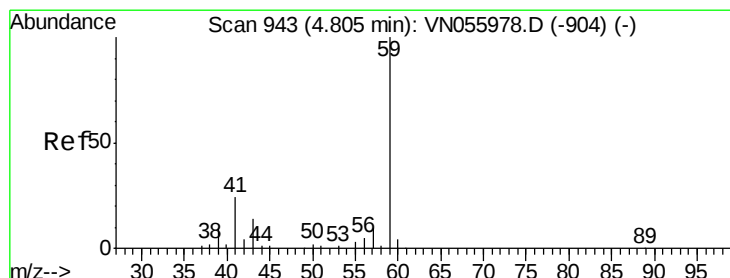
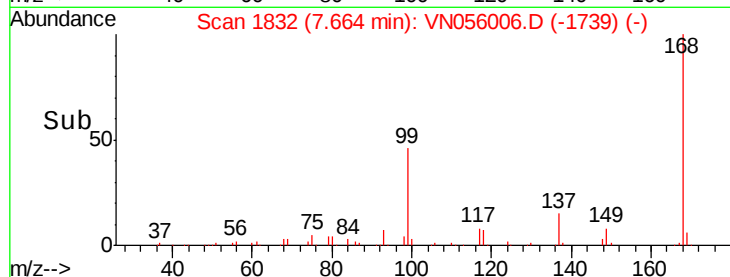
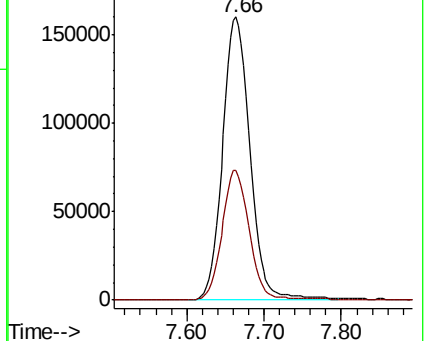
168 100

99 45.9 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#11

Tert butyl alcohol

Concen: 0.299 ug/l

RT: 4.81 min Scan# 946

Delta R.T. 0.01 min

Lab File: VN056006.D

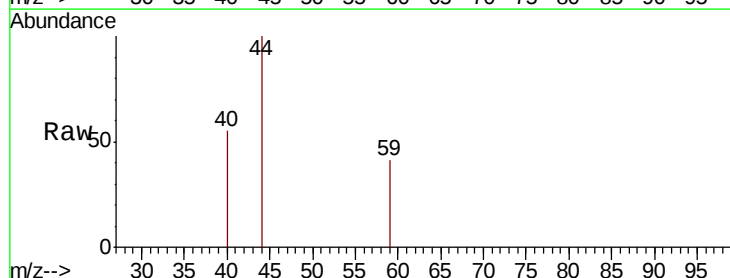
Acq: 5 Jun 2019 13:41

Tgt Ion: 59 Resp: 203

Ion Ratio Lower Upper

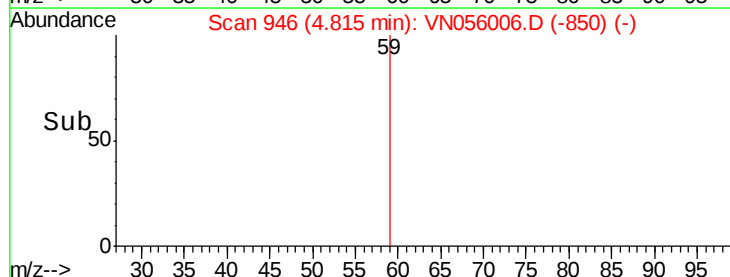
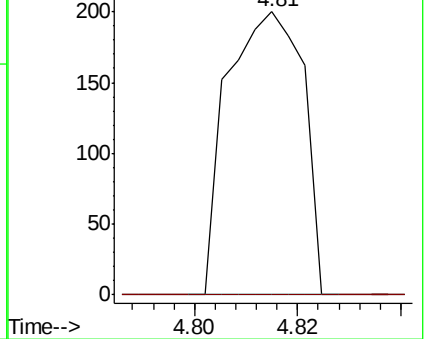
59 100

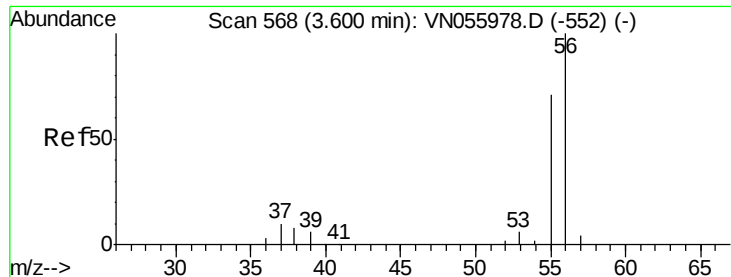
57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN





#13

Acrolein

Concen: 0.306 ug/l

RT: 3.62 min Scan# 573

Delta R.T. 0.02 min

Lab File: VN056006.D

Acq: 5 Jun 2019 13:41

Instrument :

MSVOA_N

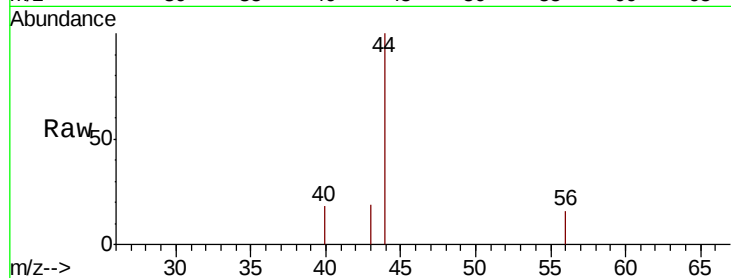
ClientSampleId :

Tot Ion: 56 Resp: 60

Ion Ratio Lower Upper

56 100

55 0.0 55.4 83.2#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.62

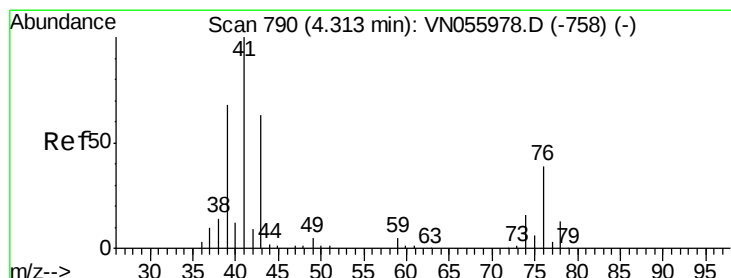
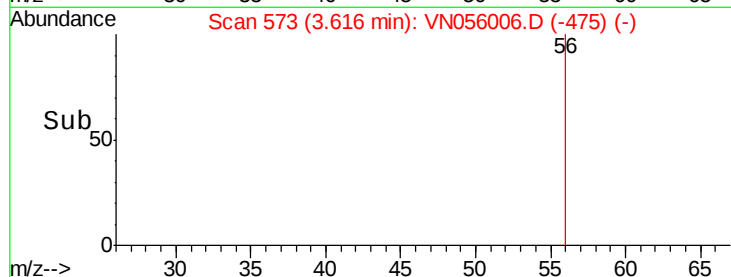
150

100

50

0

Time-->



#14

Allyl chloride

Concen: 1.084 ug/l

RT: 4.54 min Scan# 860

Delta R.T. 0.23 min

Lab File: VN056006.D

Acq: 5 Jun 2019 13:41

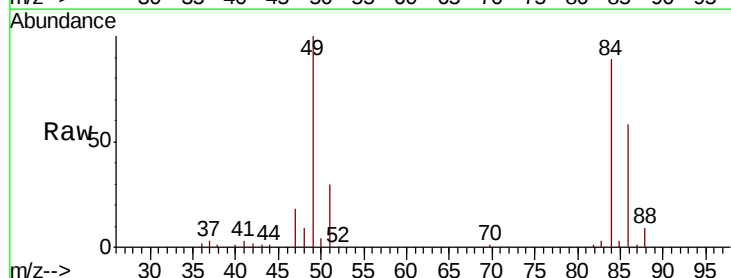
Tgt Ion: 41 Resp: 5646

Ion Ratio Lower Upper

41 100

39 0.0 50.0 75.0#

76 0.0 28.2 42.2#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

2000

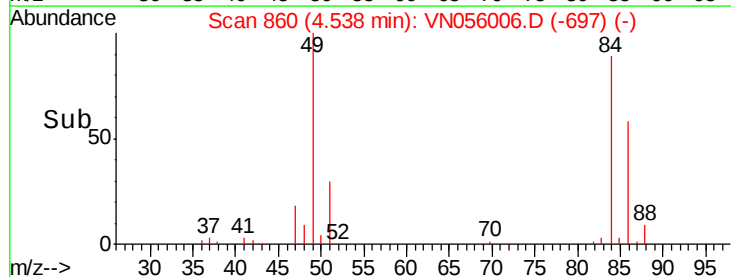
1500

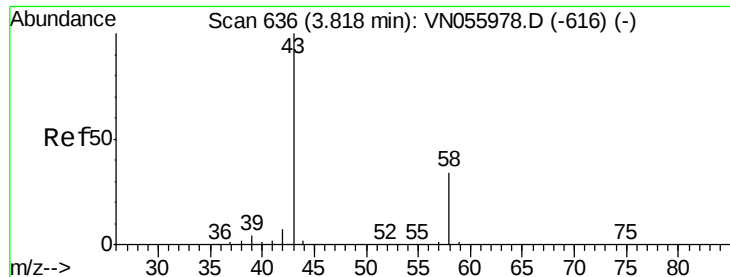
1000

500

0

Time-->





#16

Acetone

Concen: 31.659 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056006.D

Acq: 5 Jun 2019 13:41

Instrument :

MSVOA_N

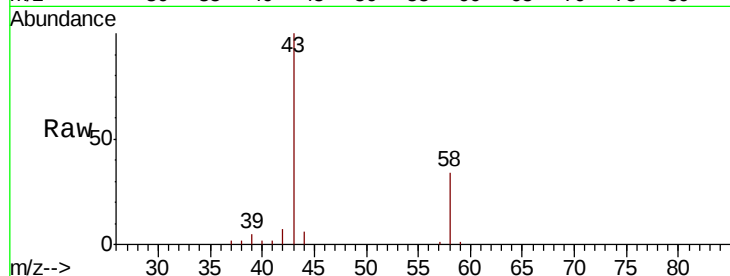
ClientSampled :

Tot Ion: 43 Resp: 59084

Ion Ratio Lower Upper

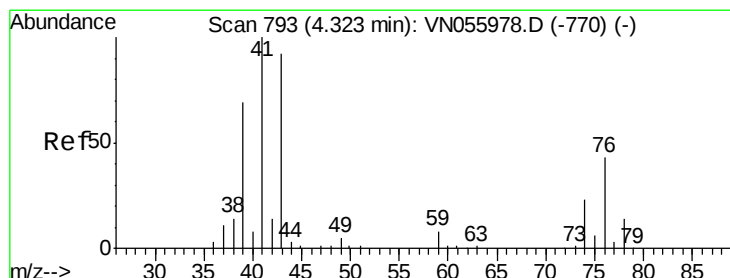
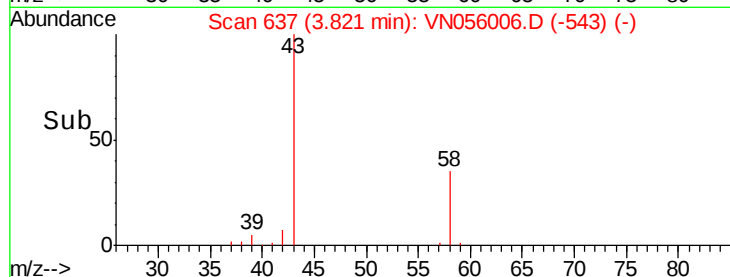
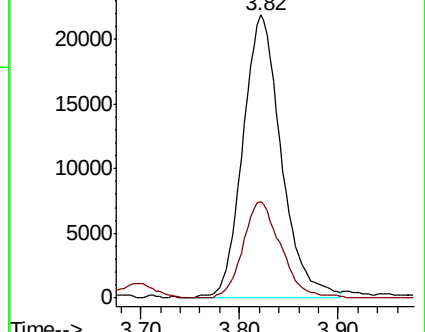
43 100

58 33.9 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-616) (-)

Ion 58.00 (57.70 to 58.70): VN055978.D (-616) (-)



#18

Methyl Acetate

Concen: 0.477 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN056006.D

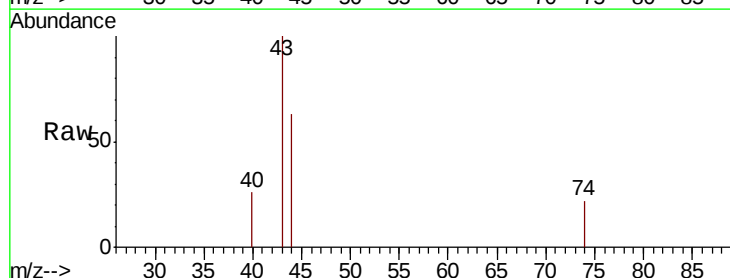
Acq: 5 Jun 2019 13:41

Tgt Ion: 43 Resp: 3848

Ion Ratio Lower Upper

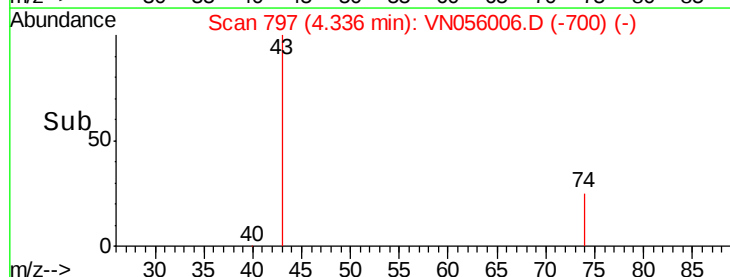
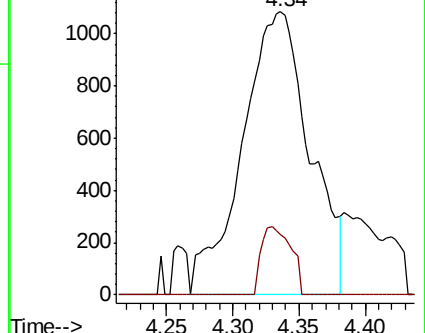
43 100

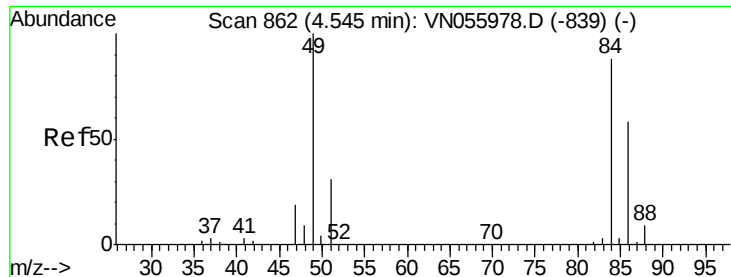
74 10.5 19.3 28.9#



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-770) (-)

Ion 74.00 (73.70 to 74.70): VN055978.D (-770) (-)

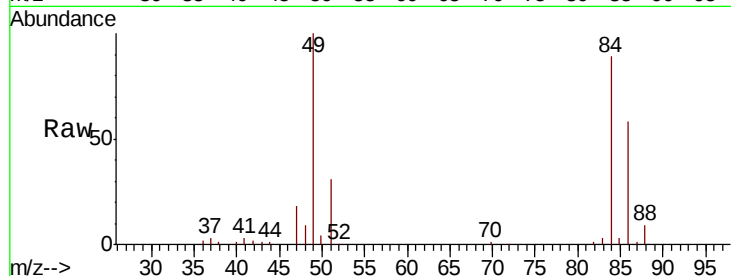




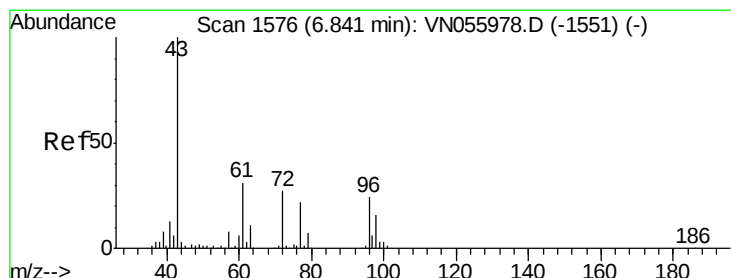
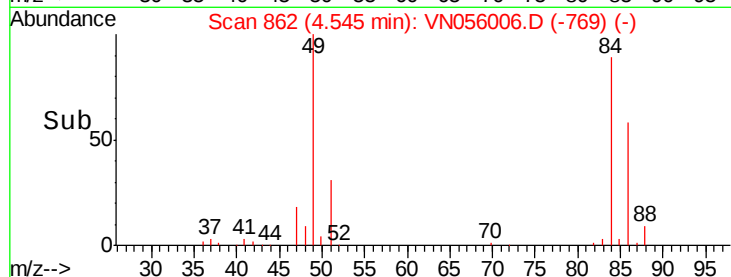
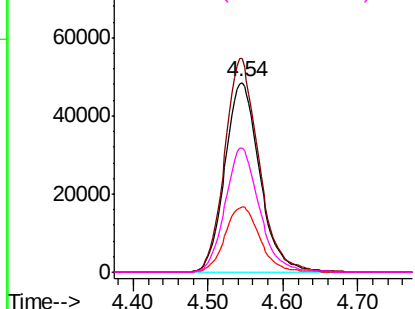
#20
Methvlene Chloride
Concen: 40.808 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN056006.D
Acq: 5 Jun 2019 13:41

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 84 Resp: 156902
Ion Ratio Lower Upper
84 100
49 112.5 93.5 140.3
51 34.4 28.6 43.0
86 65.6 52.6 79.0

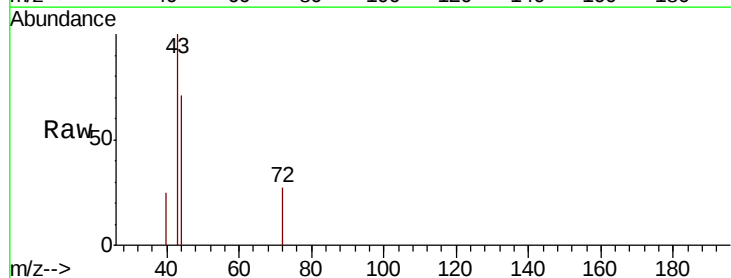


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

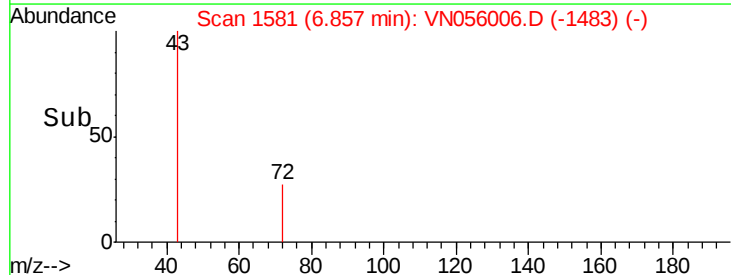
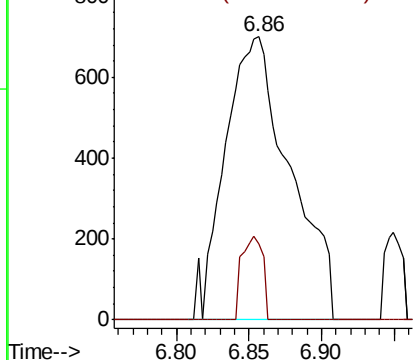


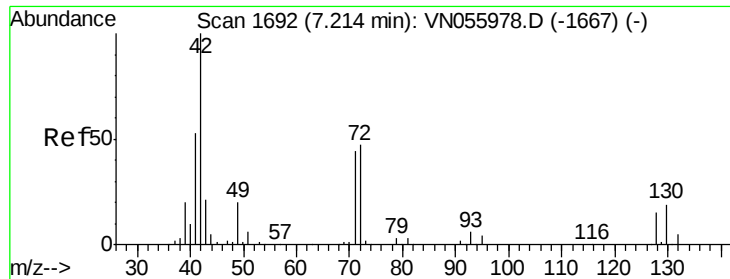
#25
2-Butanone
Concen: 0.925 ug/l
RT: 6.86 min Scan# 1581
Delta R.T. 0.02 min
Lab File: VN056006.D
Acq: 5 Jun 2019 13:41

Tgt Ion: 43 Resp: 2182
Ion Ratio Lower Upper
43 100
72 26.7 21.9 32.9



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

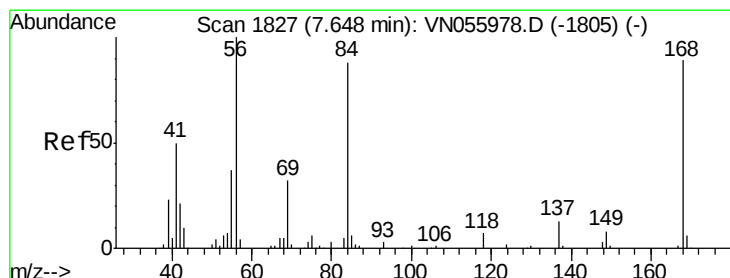
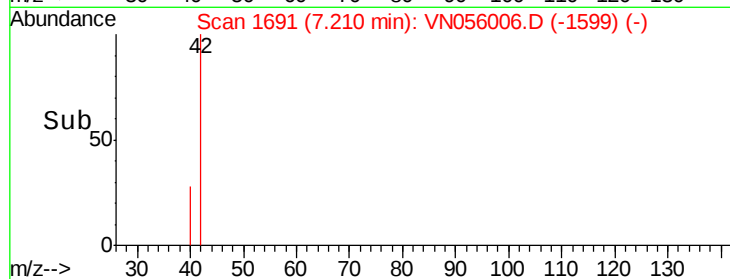
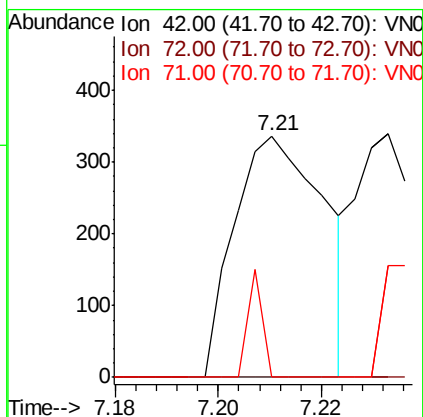
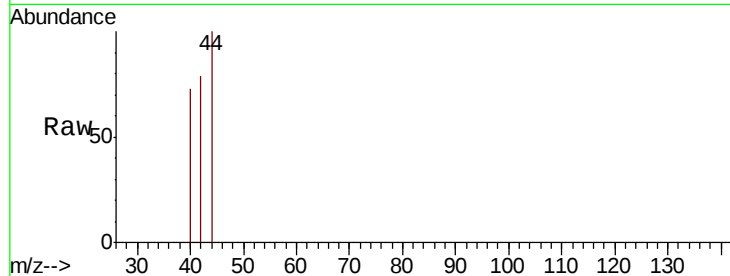




#29
Tetrahydrofuran
Concen: 0.278 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN056006.D
Acq: 5 Jun 2019 13:41

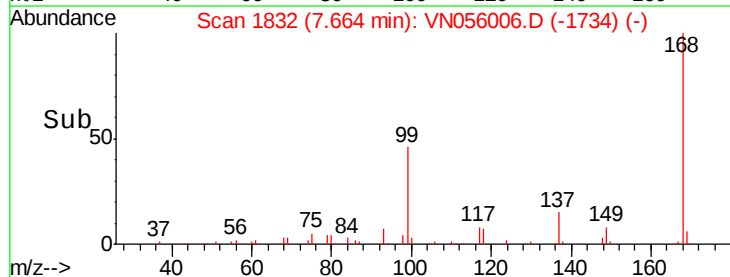
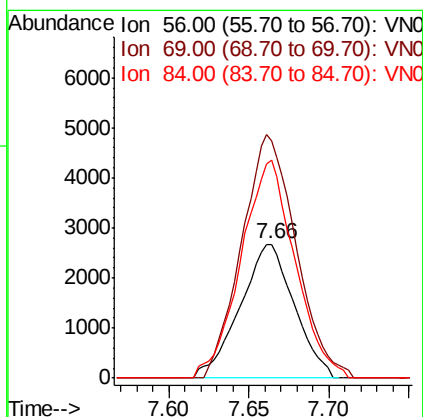
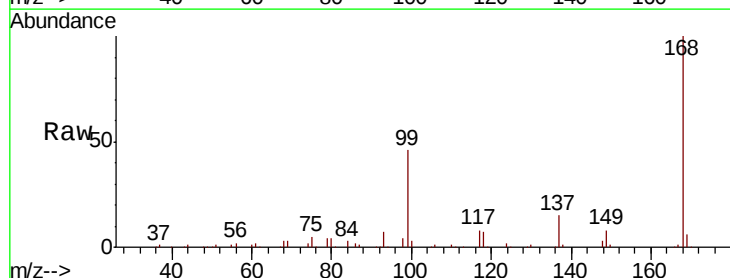
Instrument :
MSVOA_N
ClientSampled :

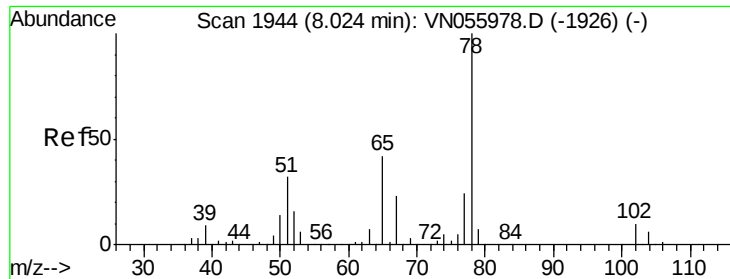
Tot Ion: 42 Resp: 405
Ion Ratio Lower Upper
42 100
72 0.0 35.9 53.9#
71 7.2 34.0 51.0#



#31
Cyclohexane
Concen: 1.005 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.02 min
Lab File: VN056006.D
Acq: 5 Jun 2019 13:41

Tgt Ion: 56 Resp: 6224
Ion Ratio Lower Upper
56 100
69 176.4 25.6 38.4#
84 162.2 67.4 101.0#

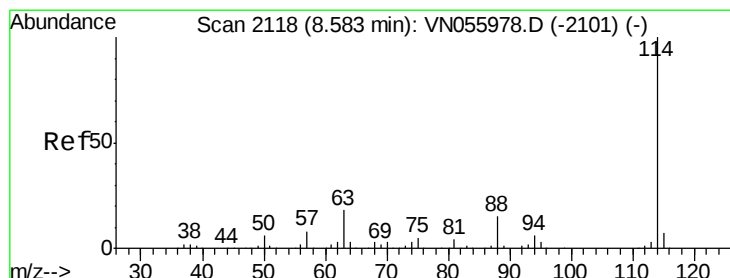
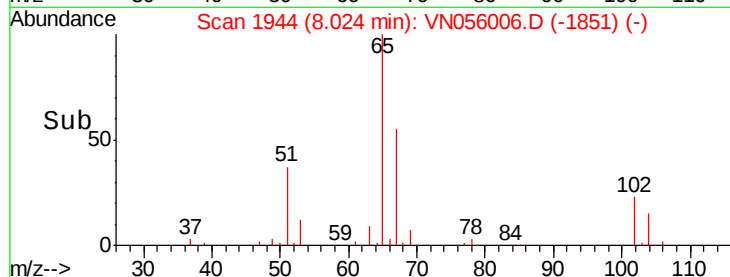
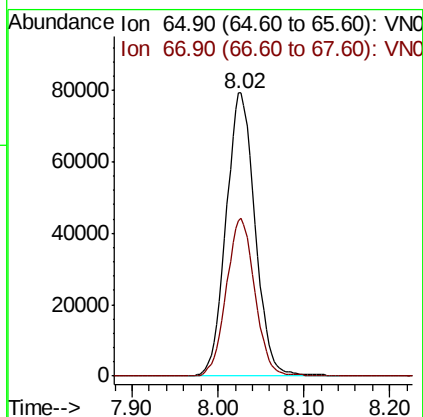
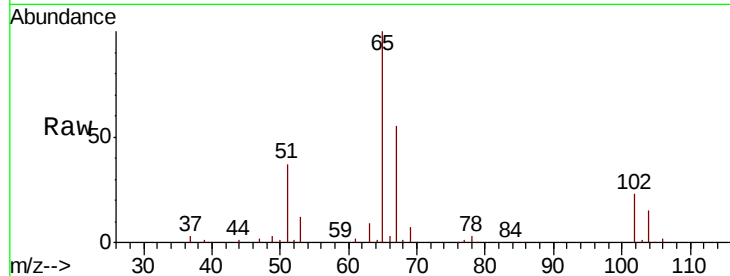




#33
 1,2-Dichloroethane-d4
 Concen: 47.564 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN056006.D
 Acq: 5 Jun 2019 13:41

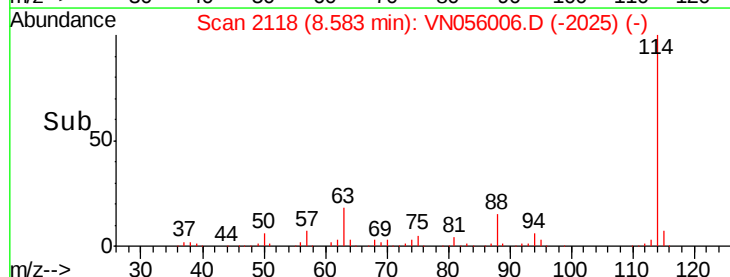
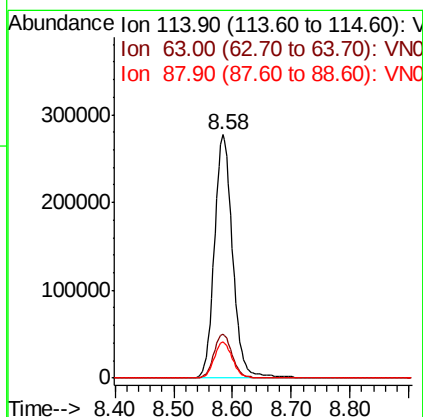
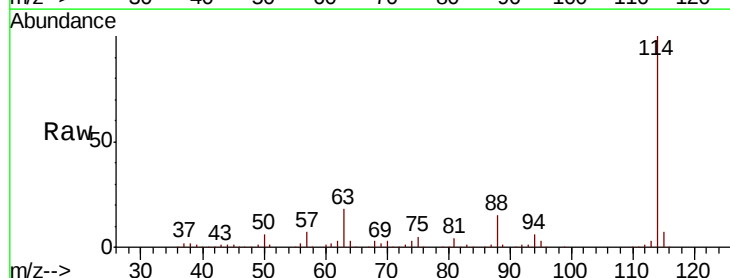
Instrument :
 MSVOA_N
 ClientSampleId :

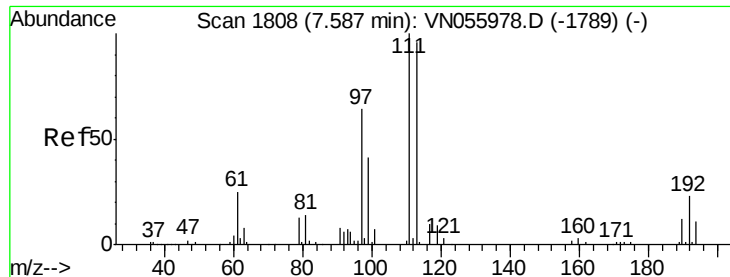
Tot Ion: 65 Resp: 185600
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056006.D
 Acq: 5 Jun 2019 13:41

Tgt Ion: 114 Resp: 594348
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 39.2
 88 15.0 0.0 31.0





#35

Dibromofluoromethane

Concen: 45.723 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056006.D

Acq: 5 Jun 2019 13:41

Instrument :
MSVOA_N
ClientSampleId :

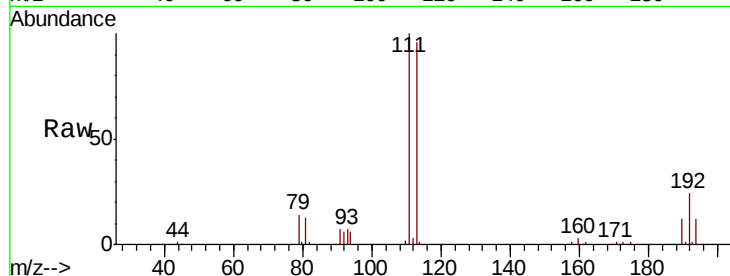
Tot Ion:113 Resp: 166730

Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.9	122.9
192	24.4	19.5	29.3

113 100

111 102.3 81.9 122.9

192 24.4 19.5 29.3

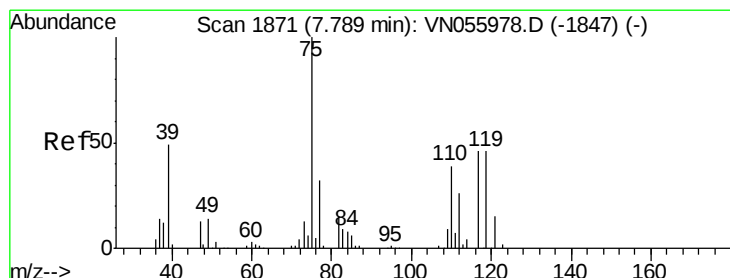
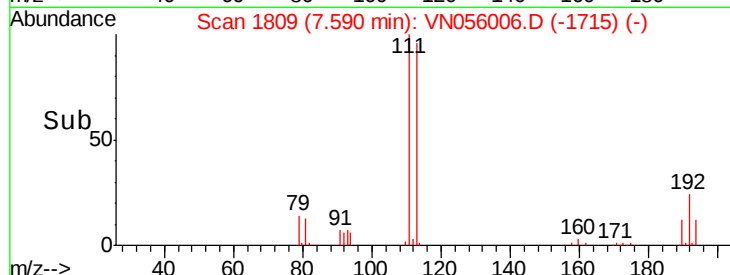
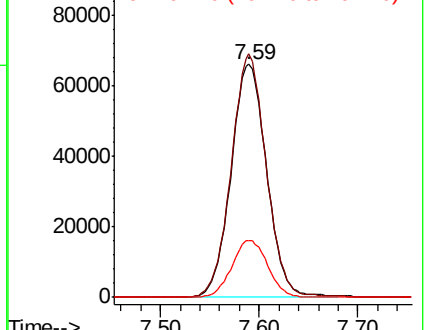


Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.317 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.13 min

Lab File: VN056006.D

Acq: 5 Jun 2019 13:41

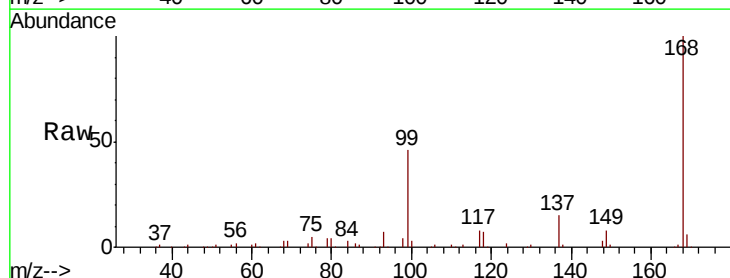
Tgt Ion: 75 Resp: 22061

Ion	Ratio	Lower	Upper
75	100		
110	9.4	19.0	57.0#
77	0.0	25.1	37.7#

75 100

110 9.4 19.0 57.0#

77 0.0 25.1 37.7#

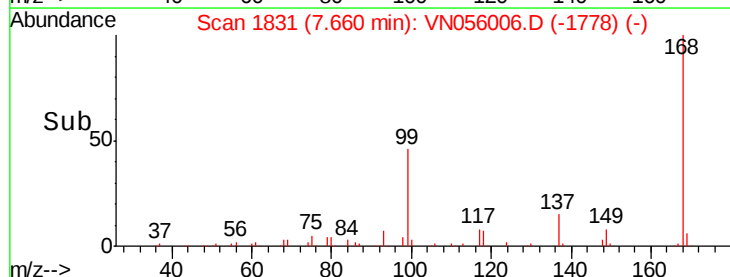
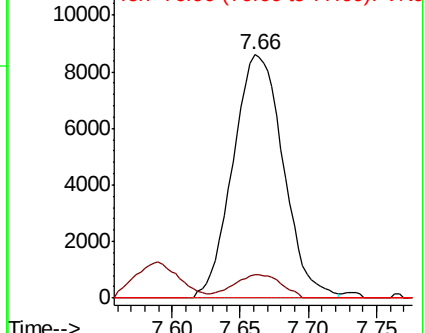


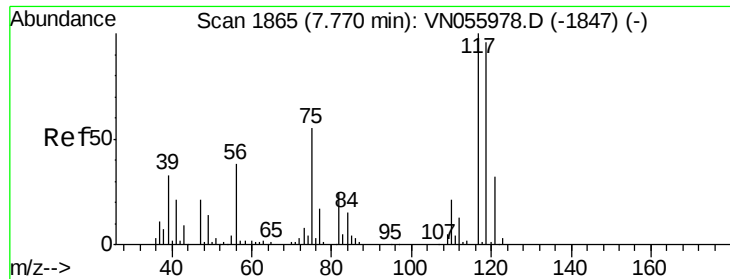
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

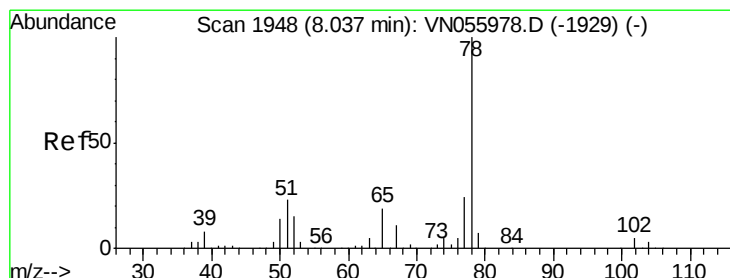
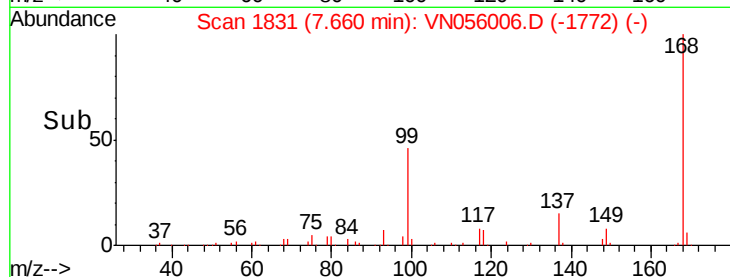
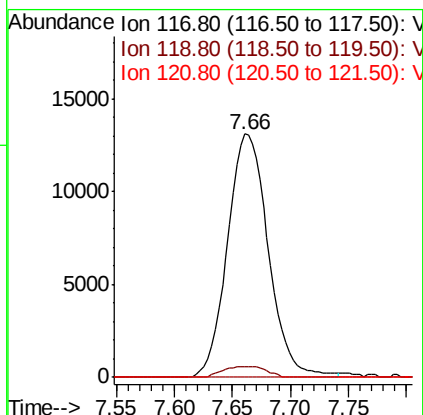
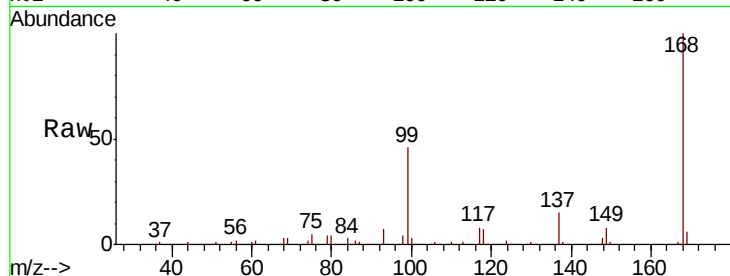




#38
Carbon Tetrachloride
Concen: 6.815 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN056006.D
Acq: 5 Jun 2019 13:41

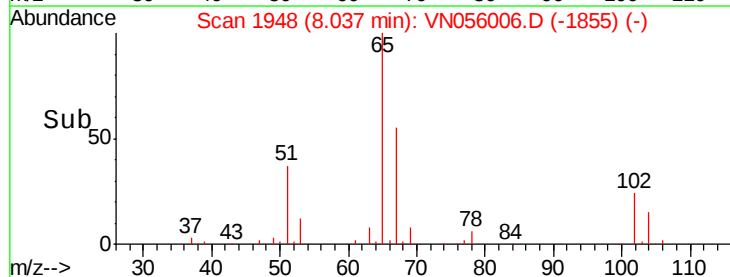
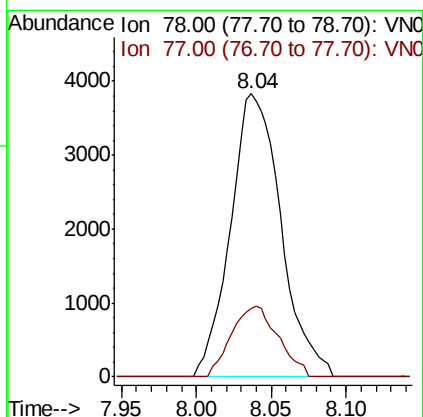
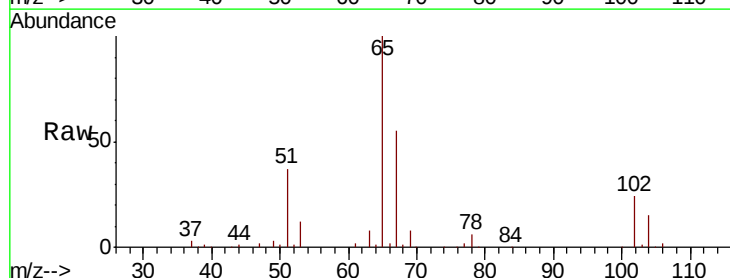
Instrument :
MSVOA_N
ClientSampleId :

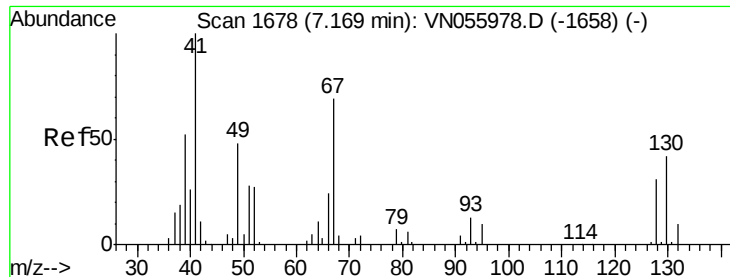
Tot Ion:117 Resp: 32112
Ion Ratio Lower Upper
117 100
119 4.4 79.0 118.6#
121 0.0 24.7 37.1#



#40
Benzene
Concen: 0.581 ug/l
RT: 8.04 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN056006.D
Acq: 5 Jun 2019 13:41

Tgt Ion: 78 Resp: 9012
Ion Ratio Lower Upper
78 100
77 24.2 18.8 28.2

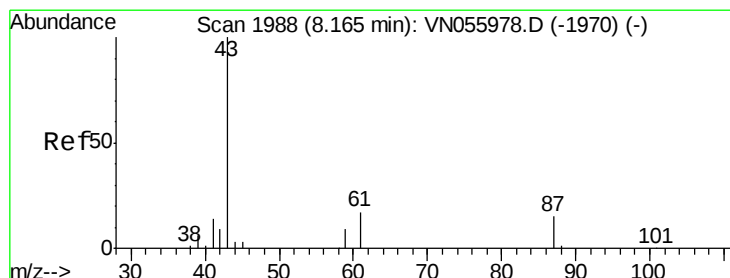
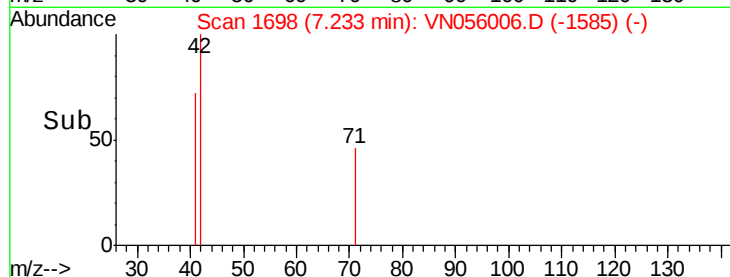
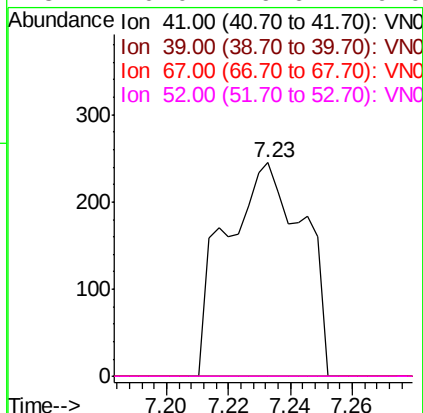
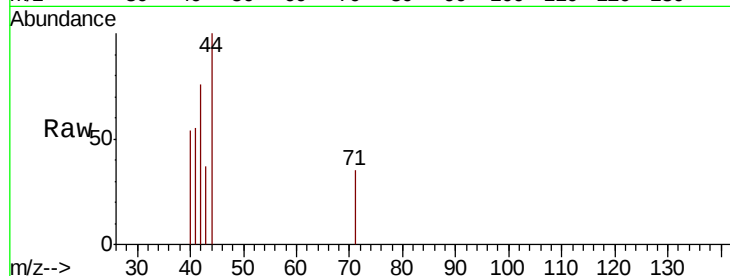




#41
Methacrylonitrile
Concen: 0.206 ug/l
RT: 7.23 min Scan# 1698
Delta R.T. 0.06 min
Lab File: VN056006.D
Acq: 5 Jun 2019 13:41

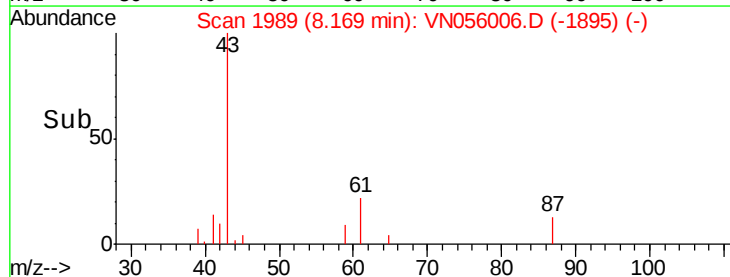
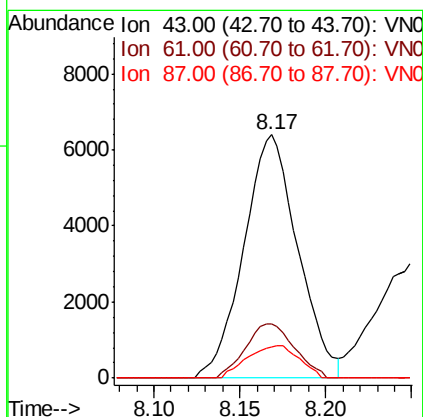
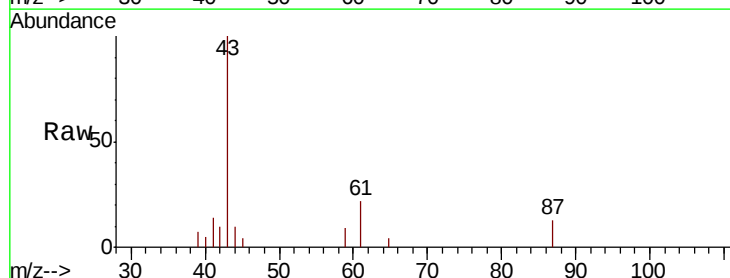
Instrument :
MSVOA_N
ClientSampled :

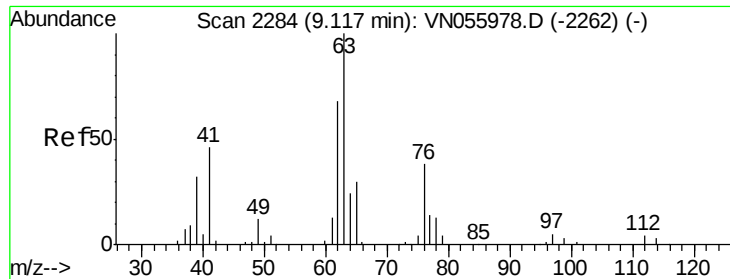
Tot Ion: 41 Resp: 431
Ion Ratio Lower Upper
41 100
39 0.0 45.6 68.4#
67 0.0 67.7 101.5#
52 0.0 26.6 40.0#



#43
Isopropyl Acetate
Concen: 1.894 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN056006.D
Acq: 5 Jun 2019 13:41

Tgt Ion: 43 Resp: 13959
Ion Ratio Lower Upper
43 100
61 20.3 22.2 33.4#
87 12.7 11.4 17.2

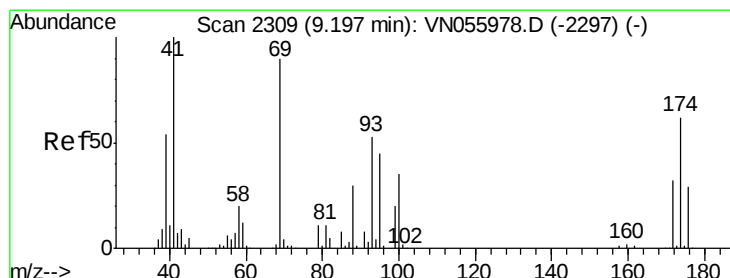
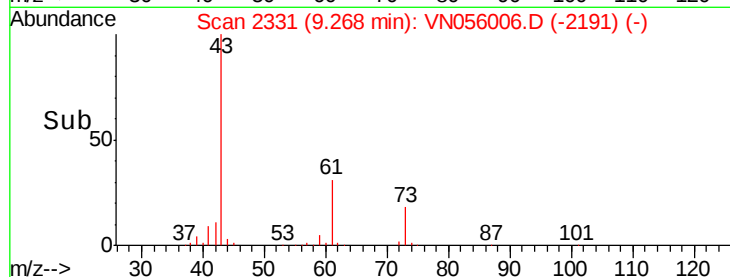
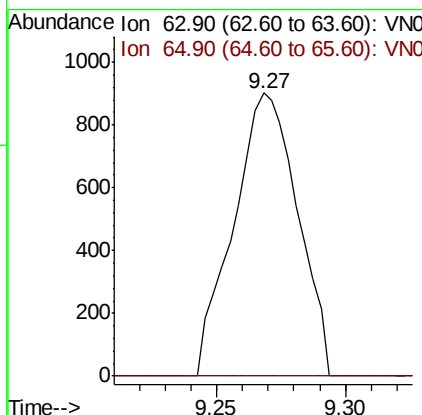
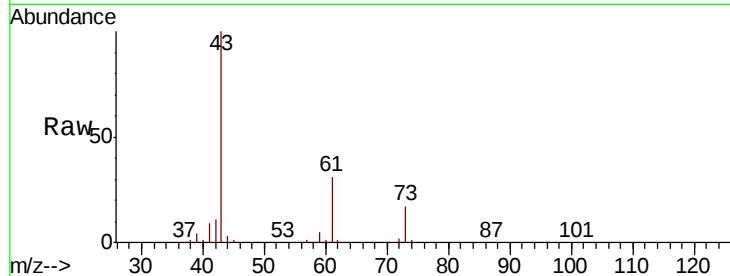




#45
 1,2-Dichloropropane
 Concen: 0.393 ug/l
 RT: 9.27 min Scan# 2331
 Delta R.T. 0.15 min
 Lab File: VN056006.D
 Acq: 5 Jun 2019 13:41

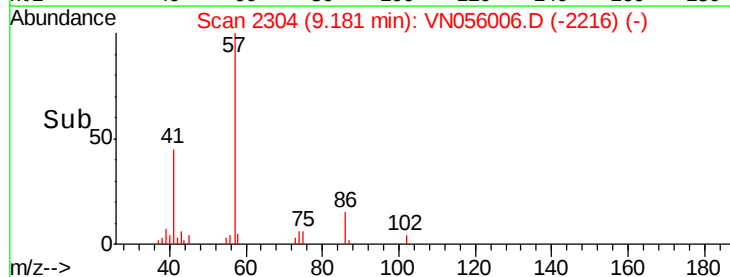
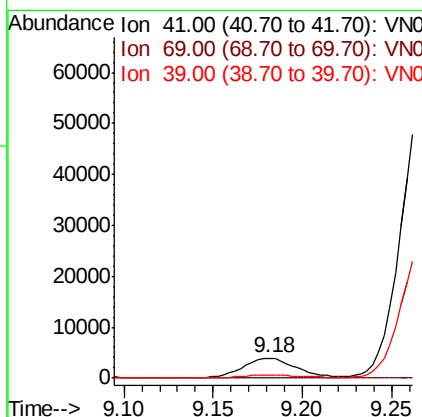
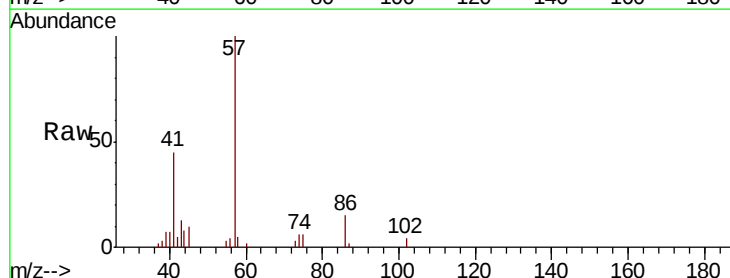
Instrument :
 MSVOA_N
 ClientSampled :

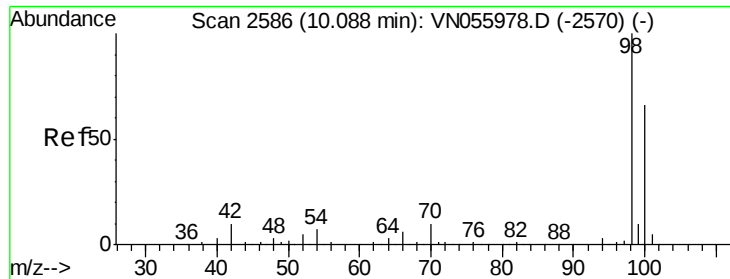
Tot Ion: 63 Resp: 1563
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.6 36.8#



#48
 Methyl methacrylate
 Concen: 2.320 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. -0.02 min
 Lab File: VN056006.D
 Acq: 5 Jun 2019 13:41

Tgt Ion: 41 Resp: 8362
 Ion Ratio Lower Upper
 41 100
 69 0.0 71.0 106.6#
 39 0.0 44.2 66.2#





#50

Toluene-d8

Concen: 50.801 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056006.D

Acq: 5 Jun 2019 13:41

Instrument :

MSVOA_N

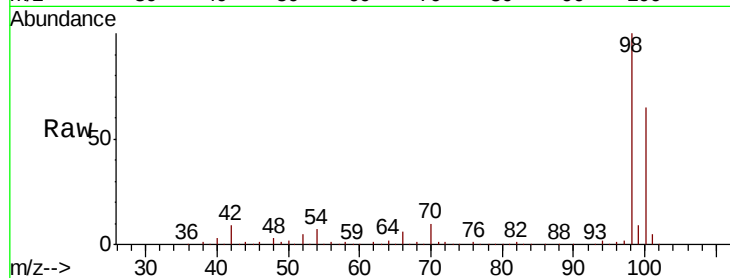
ClientSampled :

Tot Ion: 98 Resp: 712834

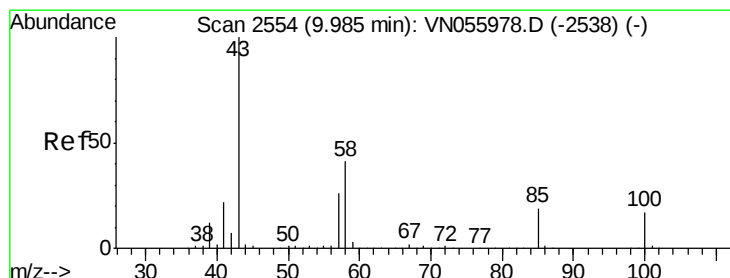
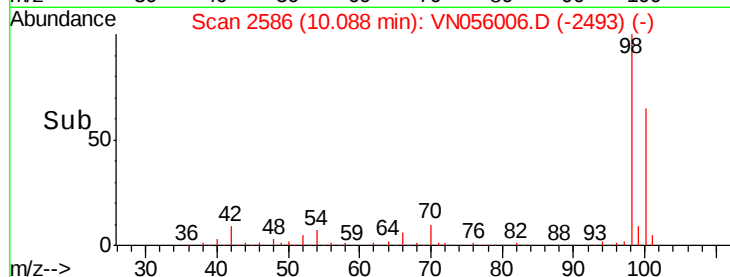
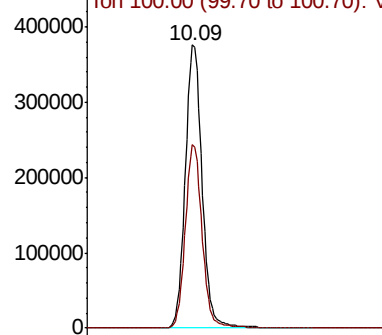
Ion Ratio Lower Upper

98 100

100 64.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055978.D (-2570) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.844 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN056006.D

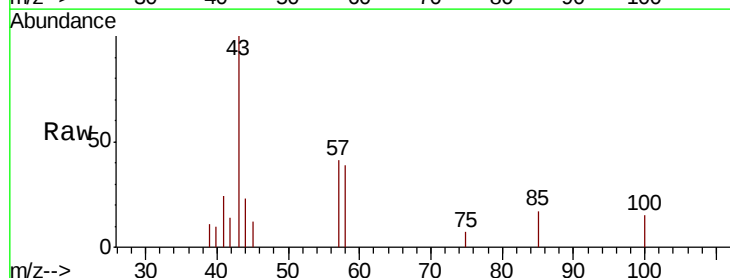
Acq: 5 Jun 2019 13:41

Tgt Ion: 43 Resp: 3888

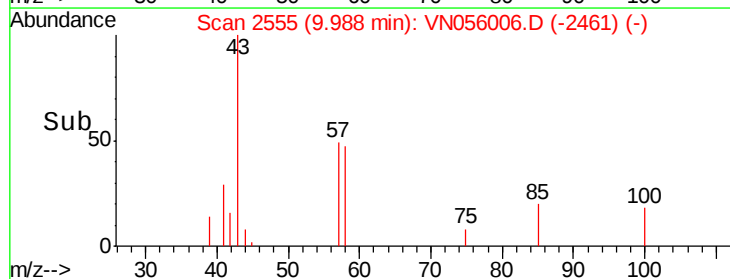
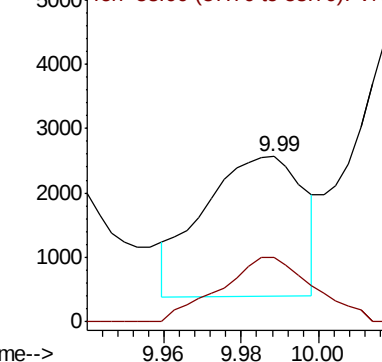
Ion Ratio Lower Upper

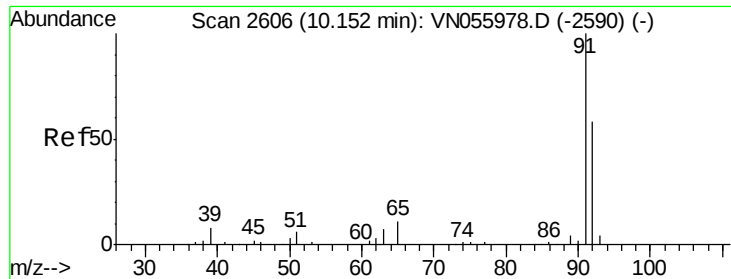
43 100

58 43.2 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-2538) (-)





#52

Toluene

Concen: 6.184 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056006.D

Acq: 5 Jun 2019 13:41

Instrument :

MSVOA_N

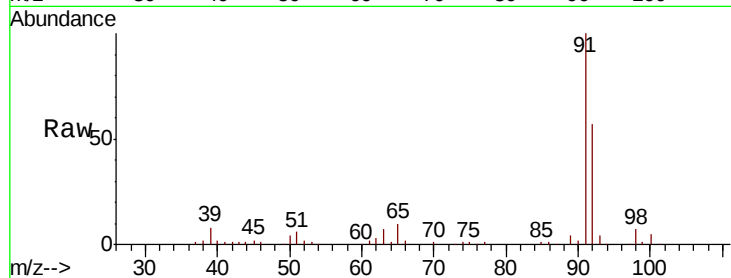
ClientSampled :

Tot Ion: 92 Resp: 59732

Ion Ratio Lower Upper

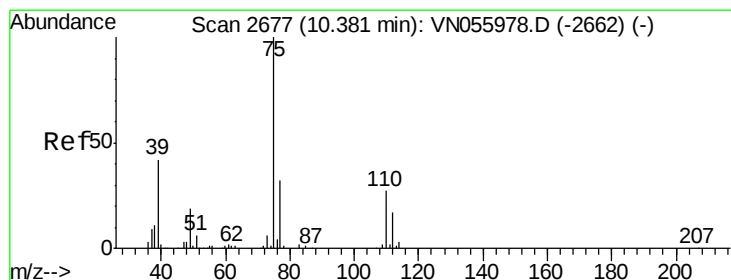
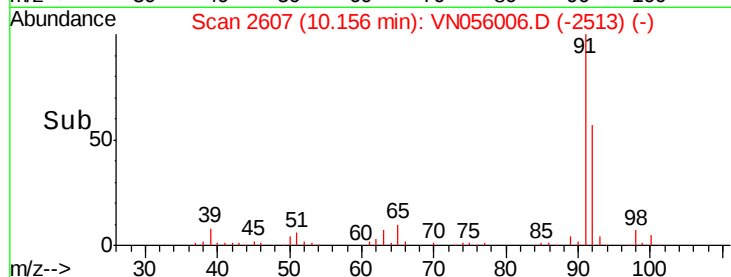
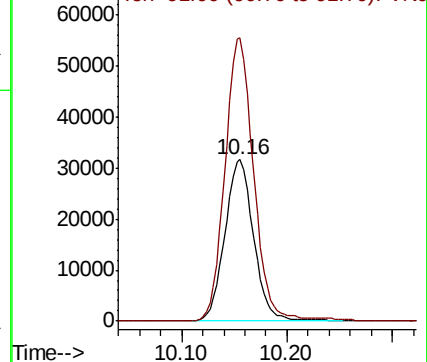
92 100

91 173.4 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#53

t-1,3-Dichloropropene

Concen: 2.488 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. -0.23 min

Lab File: VN056006.D

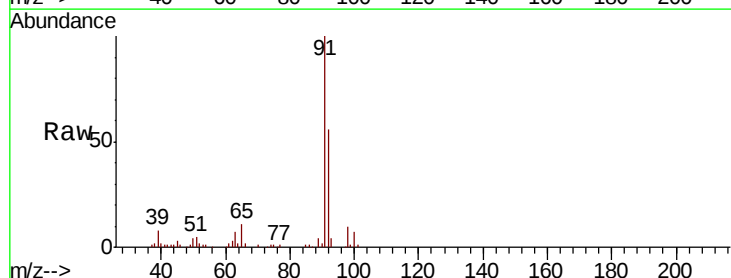
Acq: 5 Jun 2019 13:41

Tgt Ion: 75 Resp: 523

Ion Ratio Lower Upper

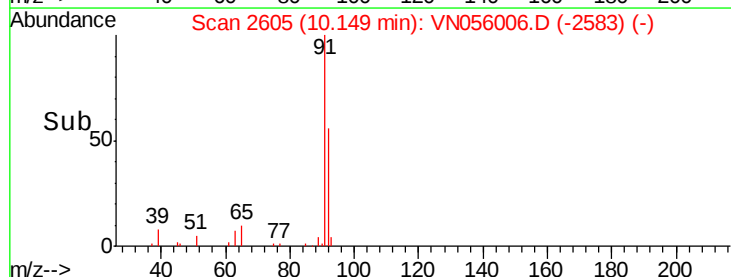
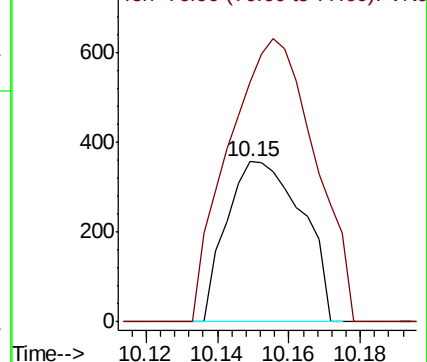
75 100

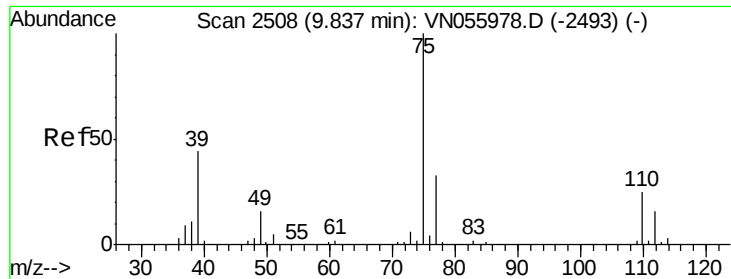
77 149.9 25.8 38.6#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



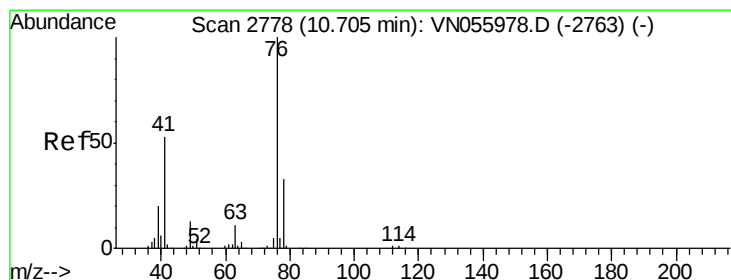
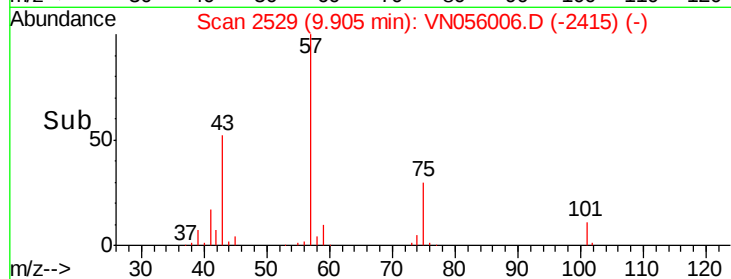
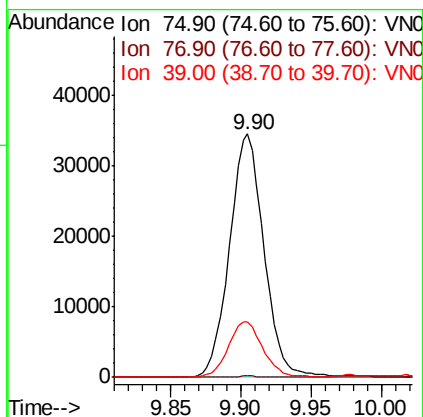
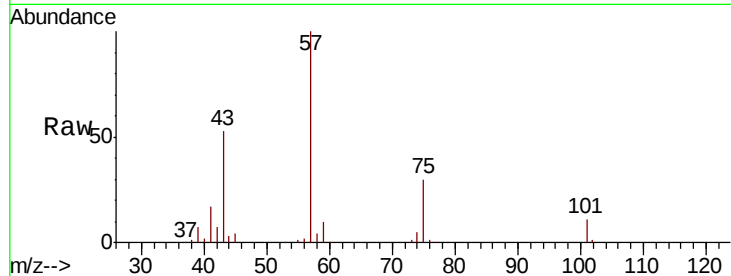


#54

cis-1,3-Dichloropropene
 Concen: 10.426 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN056006.D
 Acq: 5 Jun 2019 13:41

Instrument :
 MSVOA_N
 ClientSampleId :

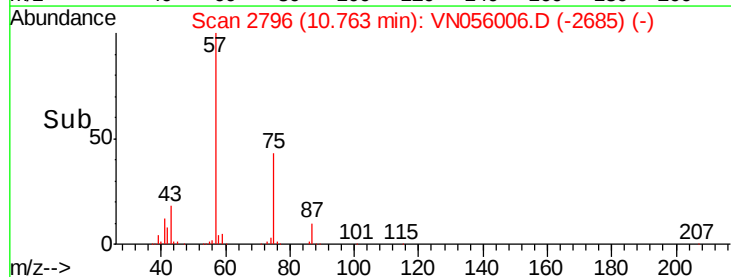
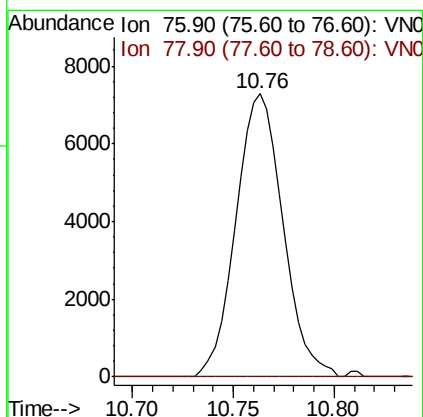
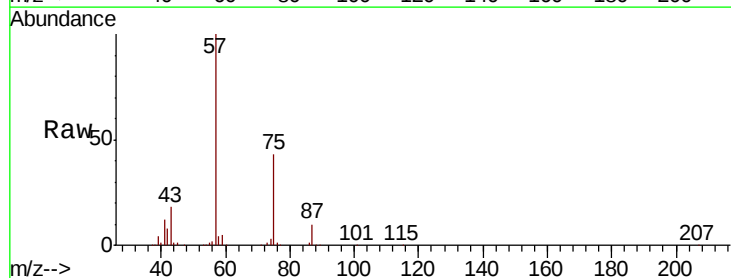
Tot Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.4	38.0#
39	22.8	36.3	54.5#

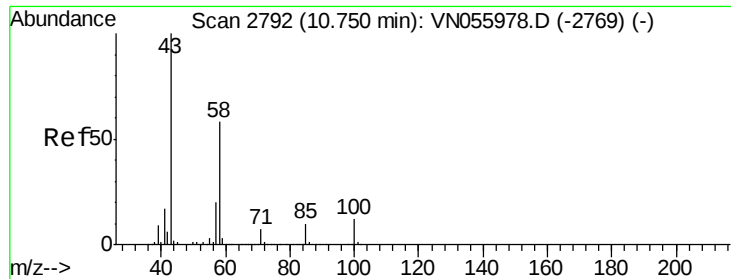


#57

1,3-Dichloropropane
 Concen: 1.917 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN056006.D
 Acq: 5 Jun 2019 13:41

Tgt Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.6#

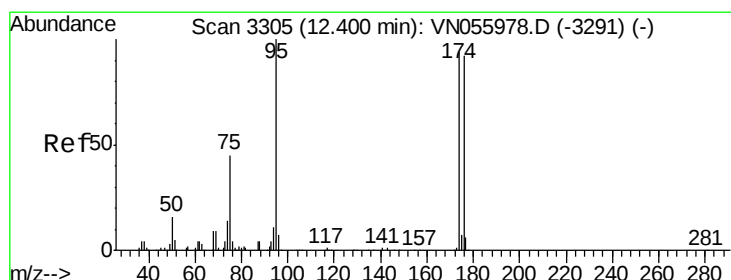
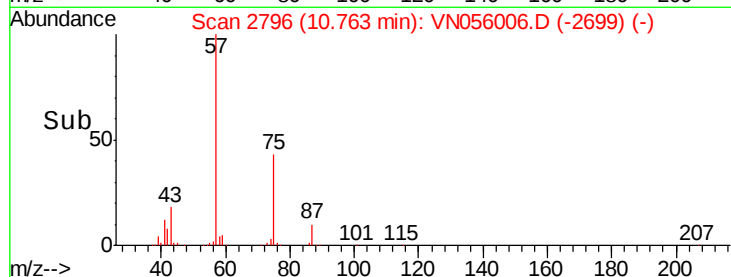
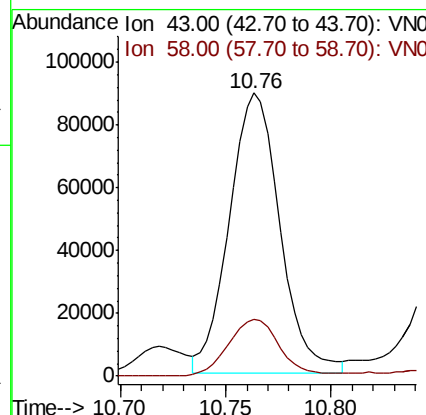
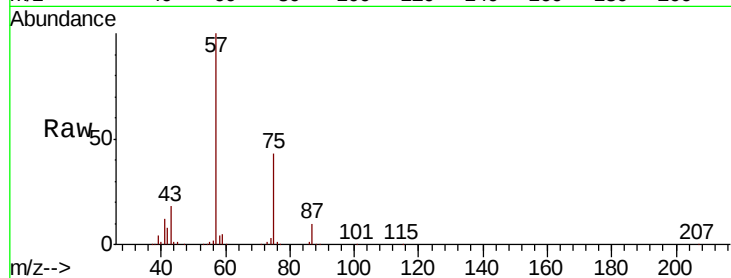




#59
2-Hexanone
Concen: 44.522 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN056006.D
Acq: 5 Jun 2019 13:41

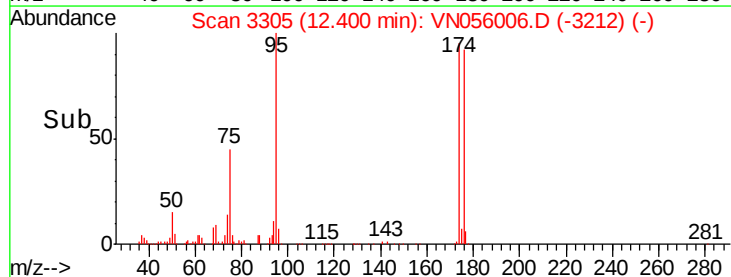
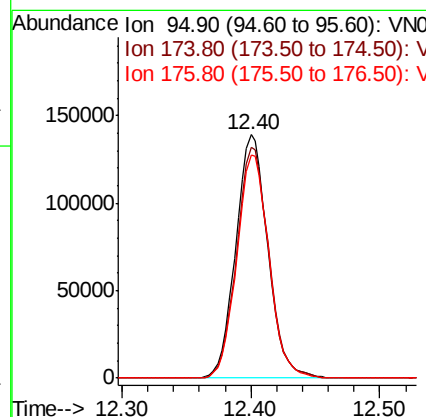
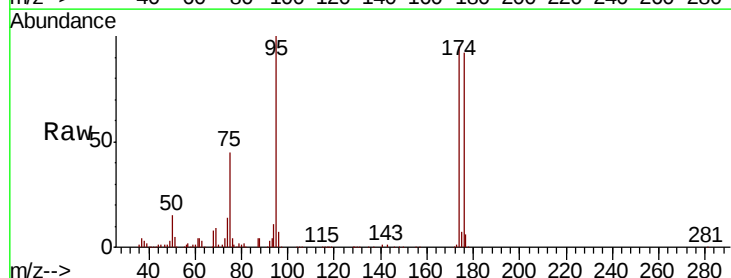
Instrument :
MSVOA_N
ClientSampled :

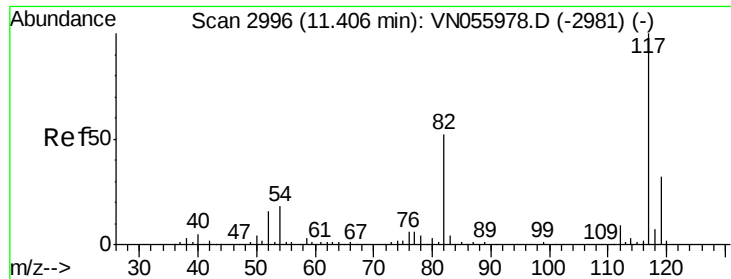
Tot Ion: 43 Resp: 148689
Ion Ratio Lower Upper
43 100
58 20.8 28.2 84.7#



#62
4-Bromofluorobenzene
Concen: 50.296 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056006.D
Acq: 5 Jun 2019 13:41

Tgt Ion: 95 Resp: 240008
Ion Ratio Lower Upper
95 100
174 95.1 0.0 191.0
176 92.2 0.0 185.2

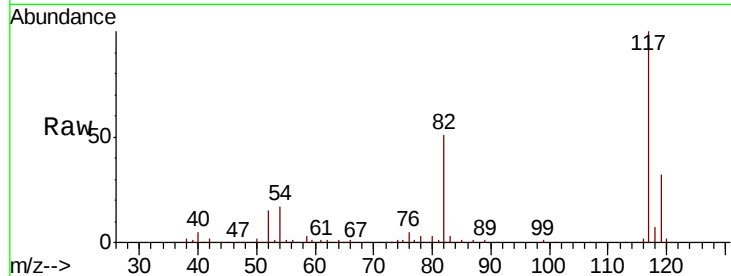




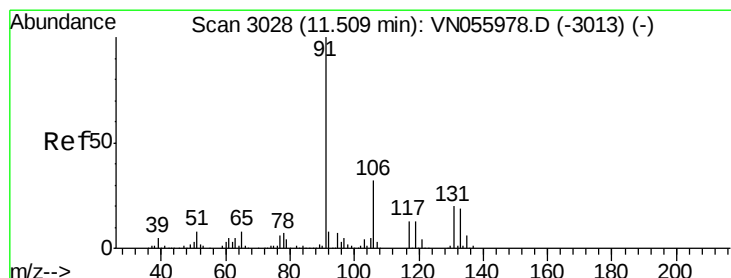
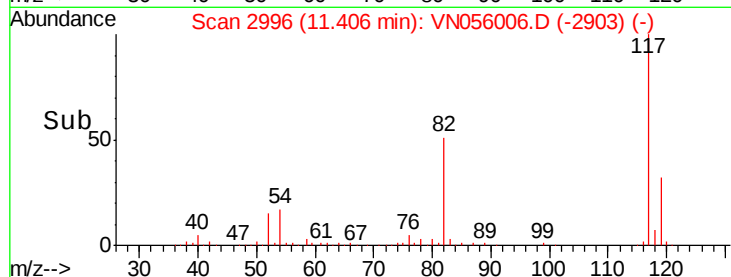
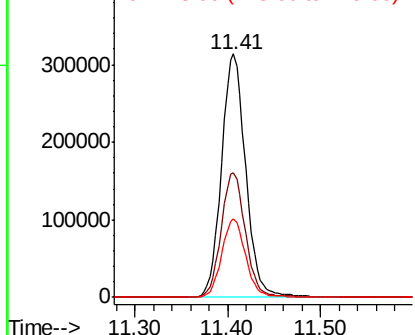
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056006.D
Acq: 5 Jun 2019 13:41

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 567336
Ion Ratio Lower Upper
117 100
82 51.3 41.8 62.8
119 32.2 25.4 38.0

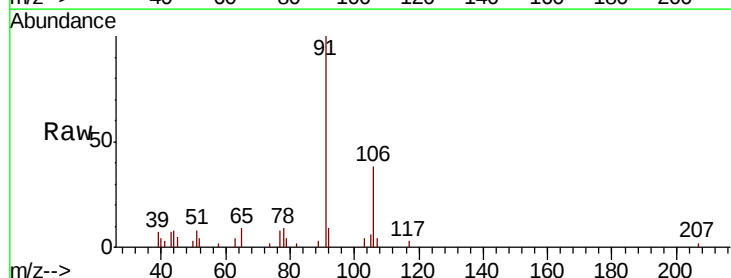


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

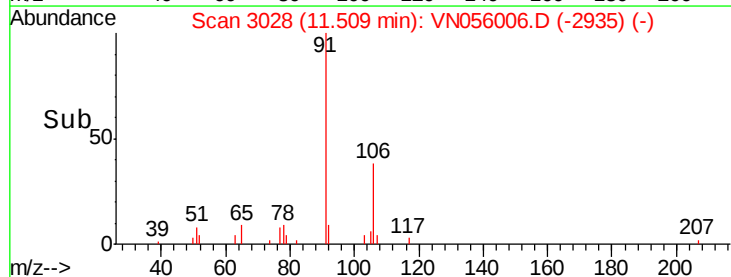
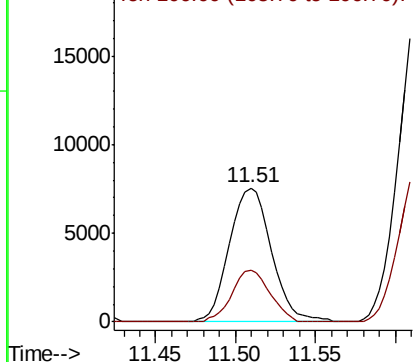


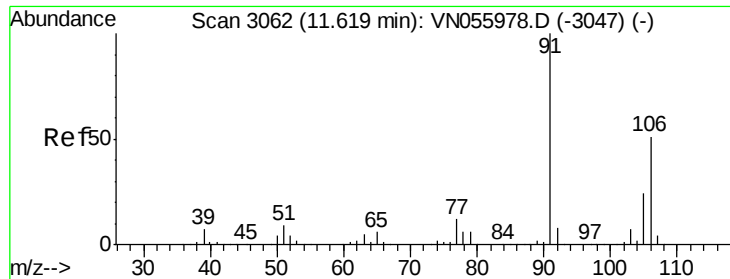
#67
Ethyl Benzene
Concen: 0.691 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN056006.D
Acq: 5 Jun 2019 13:41

Tgt Ion: 91 Resp: 13570
Ion Ratio Lower Upper
91 100
106 38.4 25.1 37.7#



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

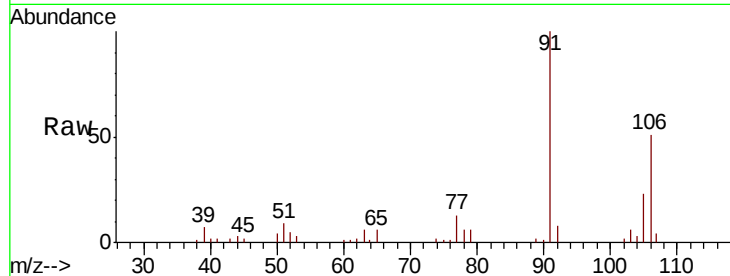




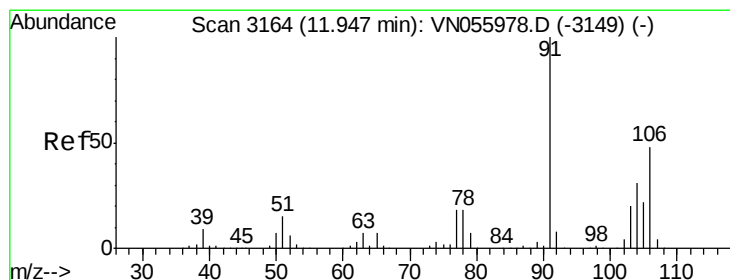
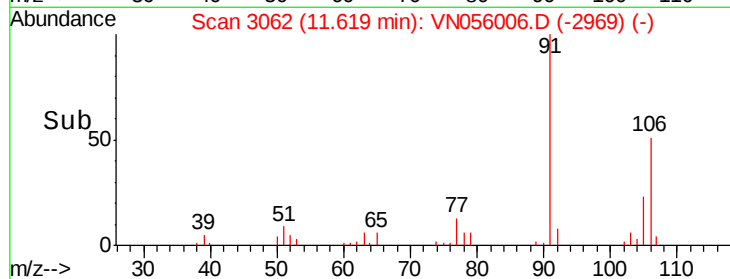
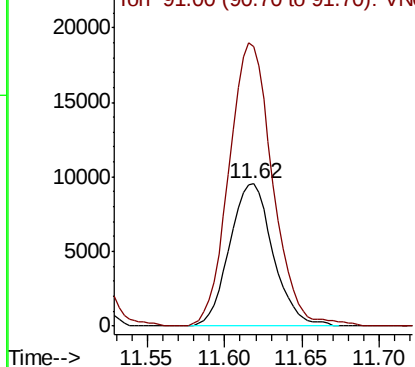
#68
m/p-Xylenes
Concen: 2.478 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056006.D
Acq: 5 Jun 2019 13:41

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 18586
Ion Ratio Lower Upper
106 100
91 199.7 159.3 238.9

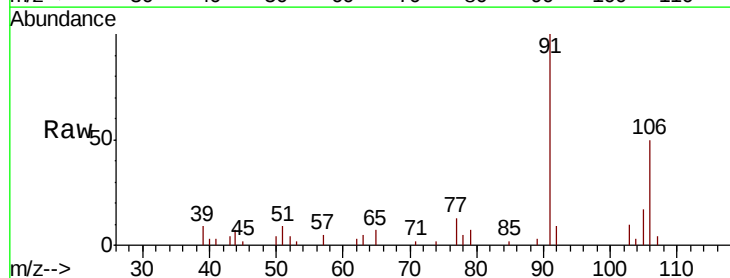


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

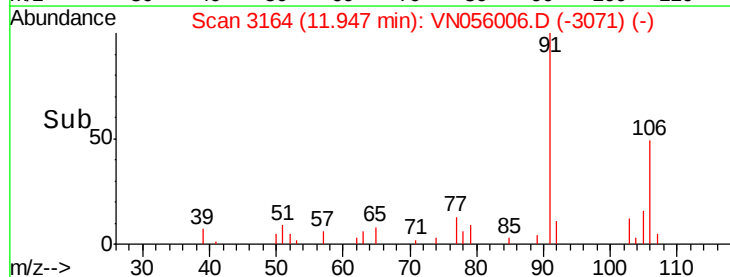
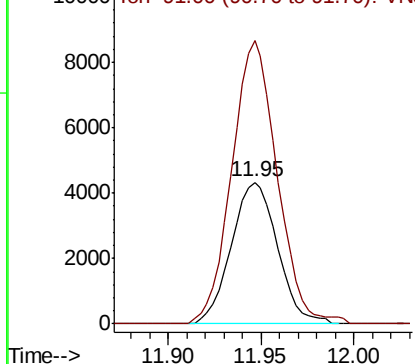


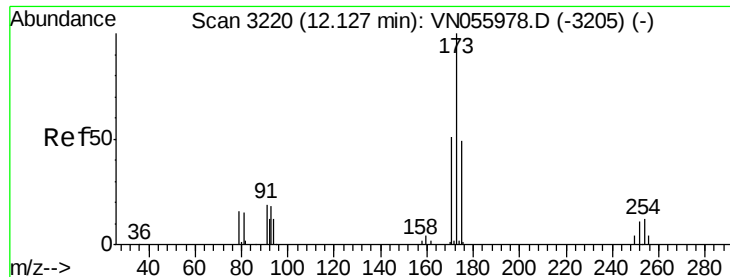
#69
o-Xylene
Concen: 1.016 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN056006.D
Acq: 5 Jun 2019 13:41

Tgt Ion:106 Resp: 7494
Ion Ratio Lower Upper
106 100
91 196.2 104.7 314.1



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





#71

Bromoform

Concen: 3.096 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN056006.D

Acq: 5 Jun 2019 13:41

Instrument :

MSVOA_N

ClientSampled :

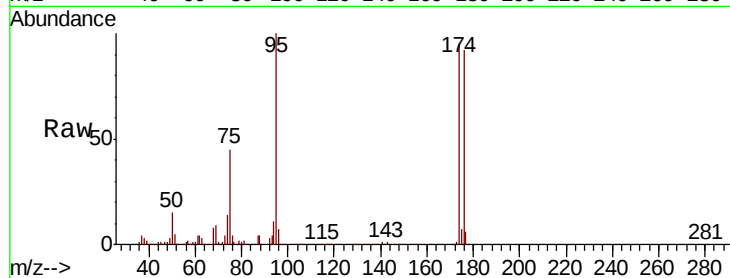
Tot Ion:173 Resp: 1225

Ion Ratio Lower Upper

173 100

175 1226.4 24.3 72.8#

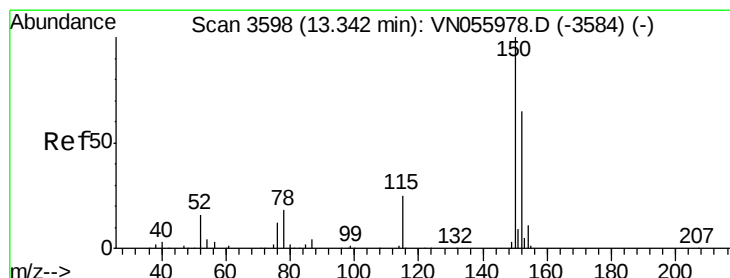
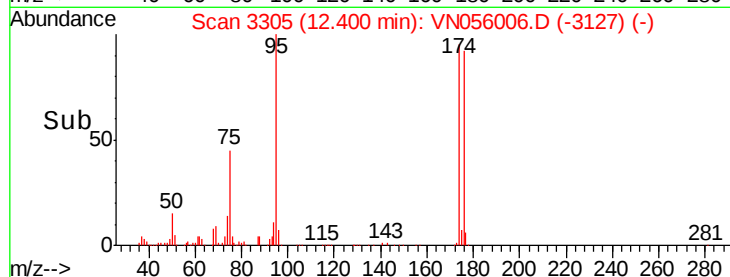
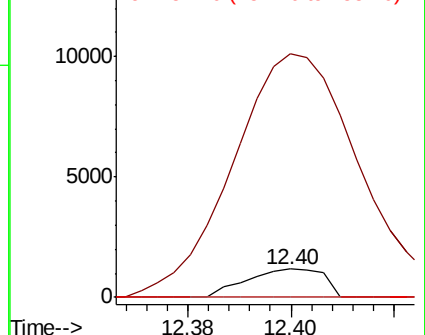
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056006.D

Acq: 5 Jun 2019 13:41

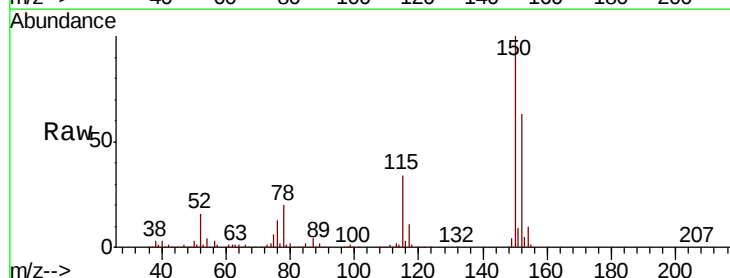
Tgt Ion:152 Resp: 203570

Ion Ratio Lower Upper

152 100

115 53.1 27.0 81.0

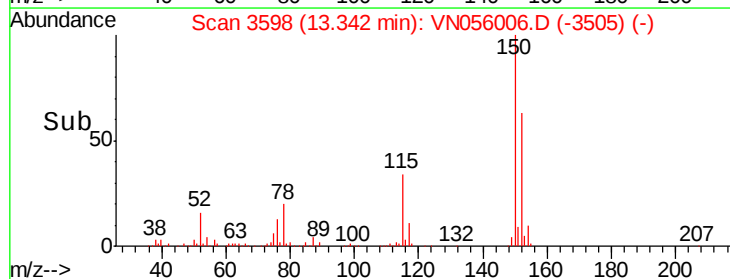
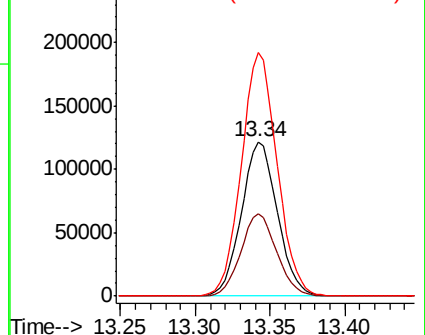
150 156.8 0.0 343.2

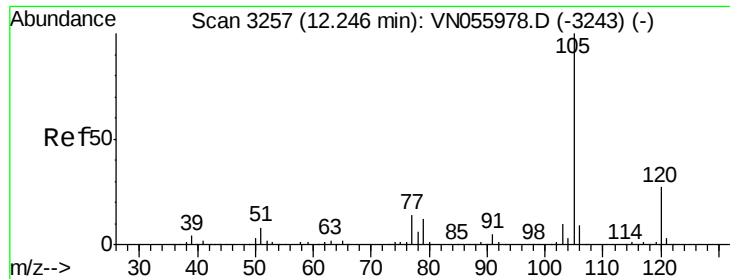


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056006.D

Acq: 5 Jun 2019 13:41

Instrument :

MSVOA_N

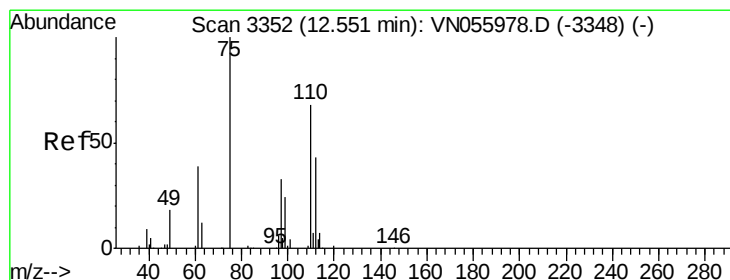
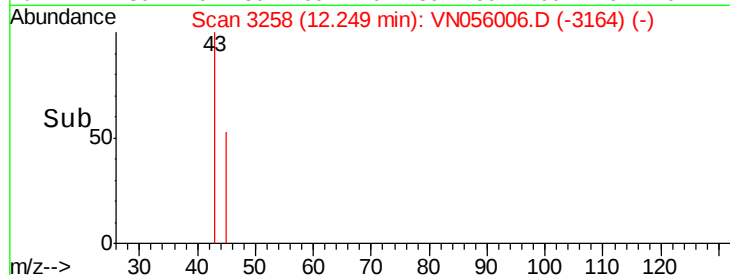
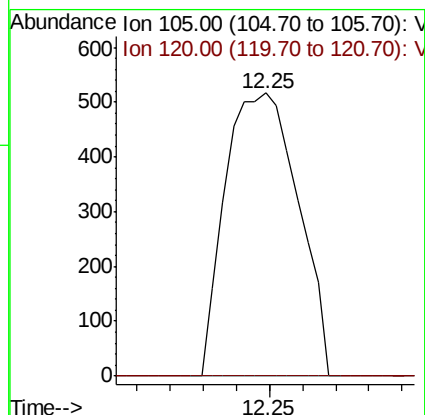
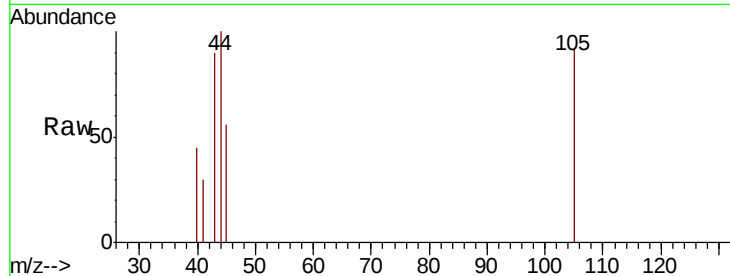
ClientSampled :

Tot Ion: 105 Resp: 789

Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.7#



#76

1,2,3-Trichloropropane

Concen: 28.811 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056006.D

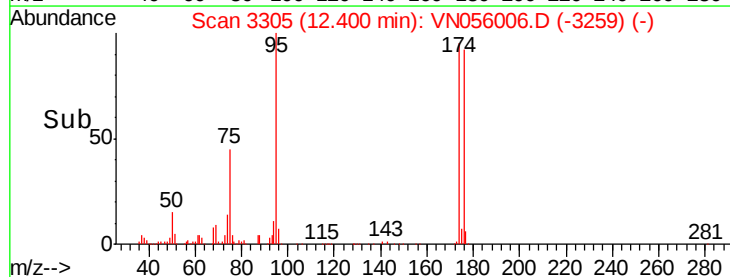
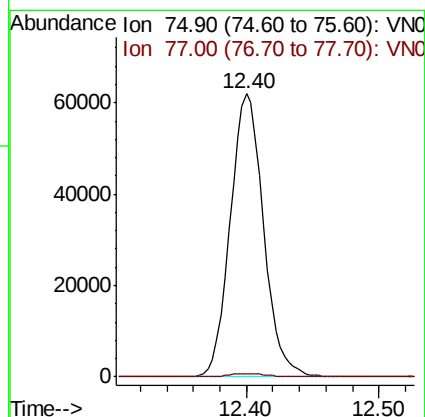
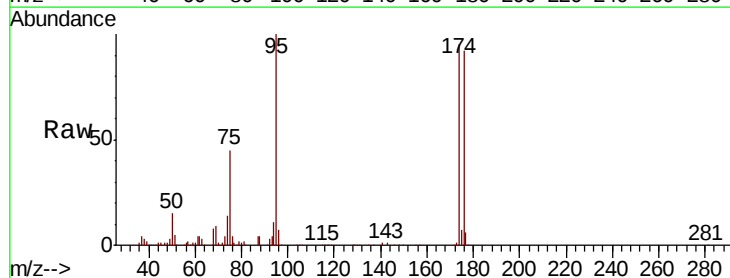
Acq: 5 Jun 2019 13:41

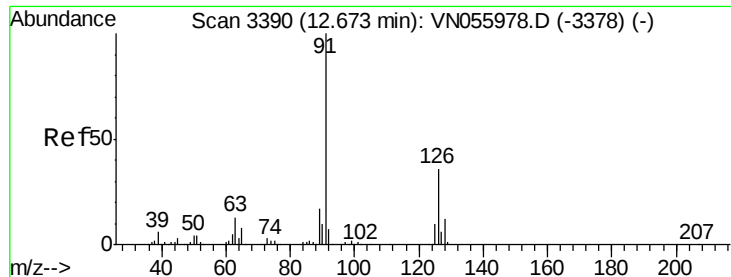
Tgt Ion: 75 Resp: 107919

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.69 min Scan# 3396

Delta R.T. 0.02 min

Lab File: VN056006.D

Acq: 5 Jun 2019 13:41

Instrument :

MSVOA_N

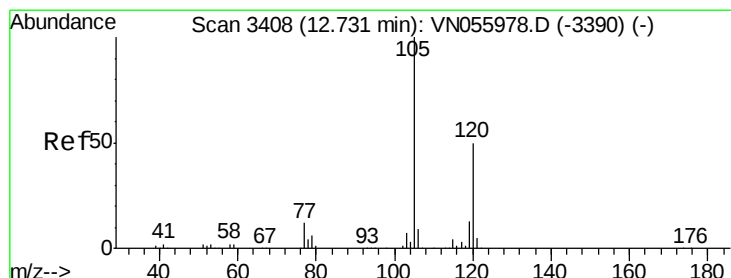
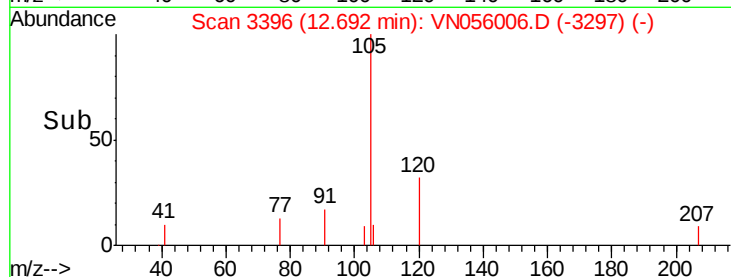
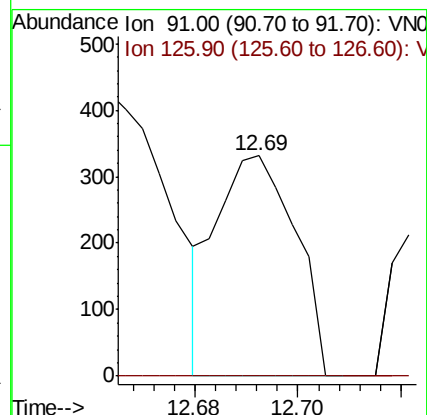
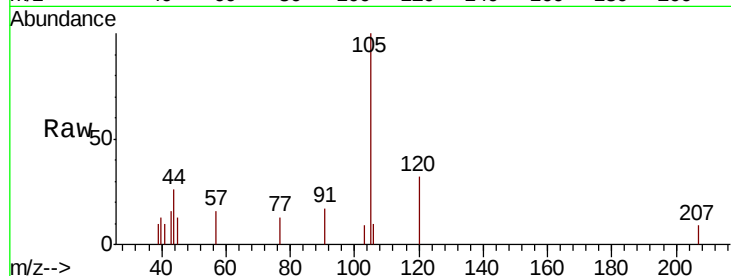
ClientSampled :

Tot Ion: 91 Resp: 350

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.4#



#80

1,3,5-Trimethylbenzene

Concen: 0.405 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN056006.D

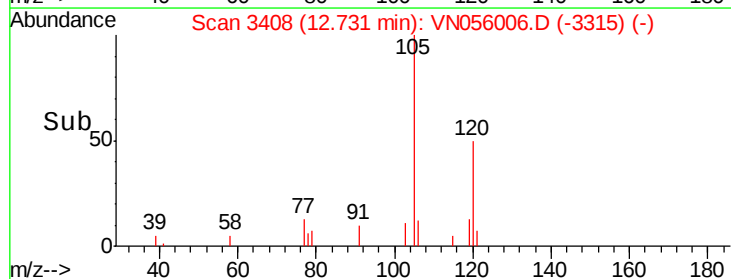
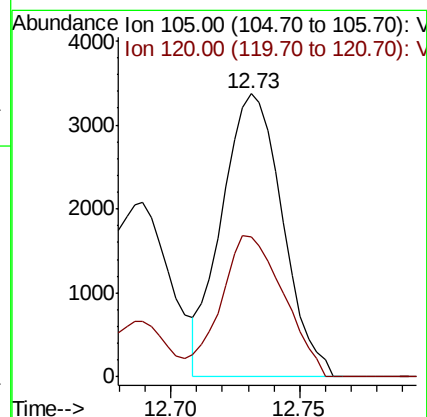
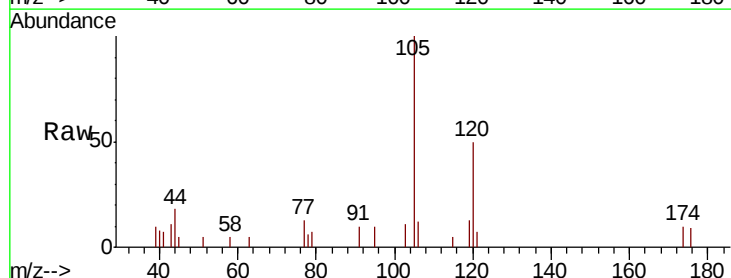
Acq: 5 Jun 2019 13:41

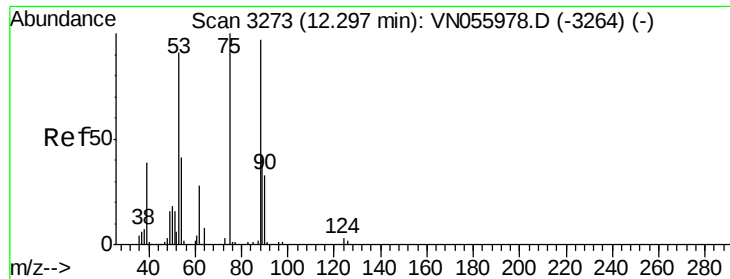
Tgt Ion: 105 Resp: 5542

Ion Ratio Lower Upper

105 100

120 51.6 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 95.946 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056006.D

Acq: 5 Jun 2019 13:41

Instrument :

MSVOA_N

ClientSampled :

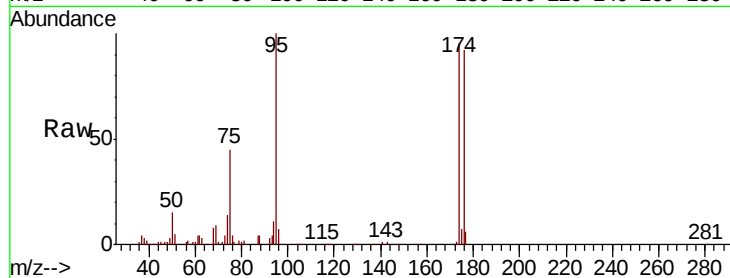
Tot Ion: 75 Resp: 107919

Ion Ratio Lower Upper

75 100

53 0.0 68.1 102.1#

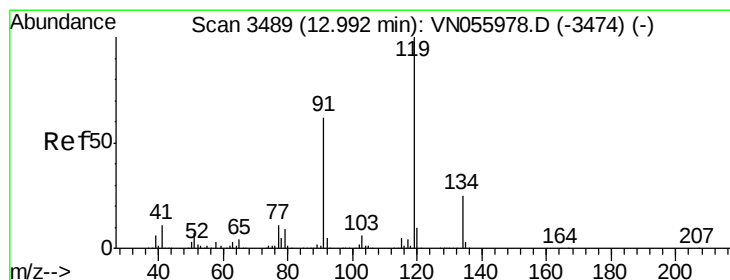
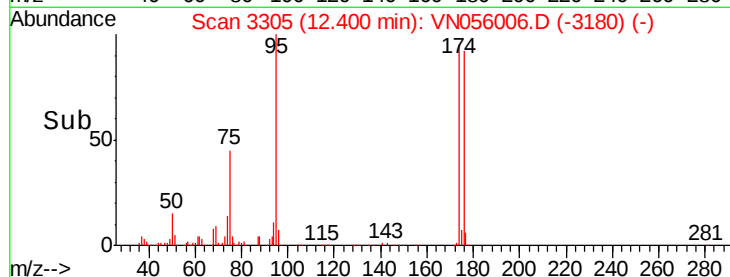
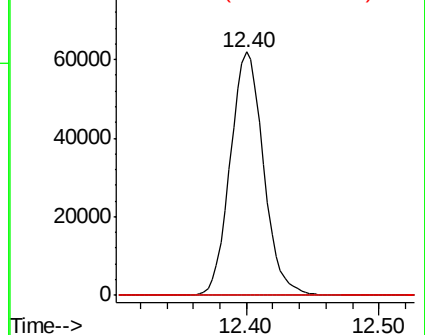
89 0.0 36.9 55.3#



Abundance Ion 74.90 (74.60 to 75.60): VN055978.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN055978.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN055978.D (-3264) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.04 min Scan# 3504

Delta R.T. 0.05 min

Lab File: VN056006.D

Acq: 5 Jun 2019 13:41

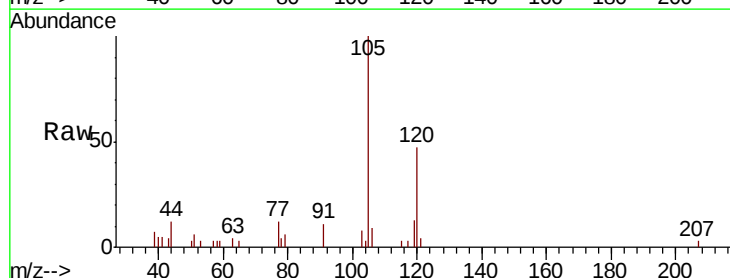
Tgt Ion: 119 Resp: 1228

Ion Ratio Lower Upper

119 100

91 87.7 30.9 92.8

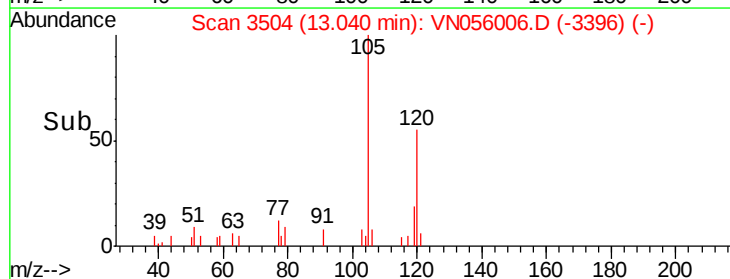
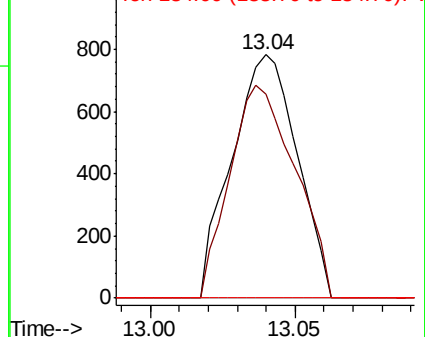
134 0.0 13.3 39.8#

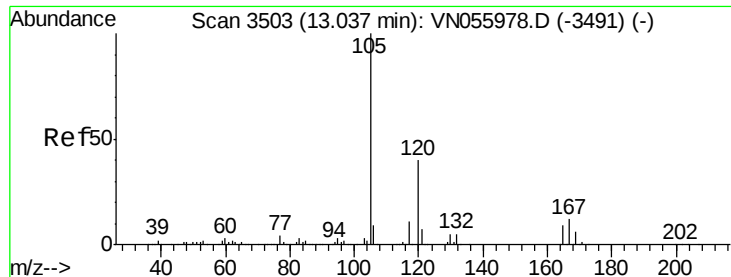


Abundance Ion 119.00 (118.70 to 119.70): VN055978.D (-3474) (-)

Ion 91.00 (90.70 to 91.70): VN055978.D (-3474) (-)

Ion 134.00 (133.70 to 134.70): VN055978.D (-3474) (-)

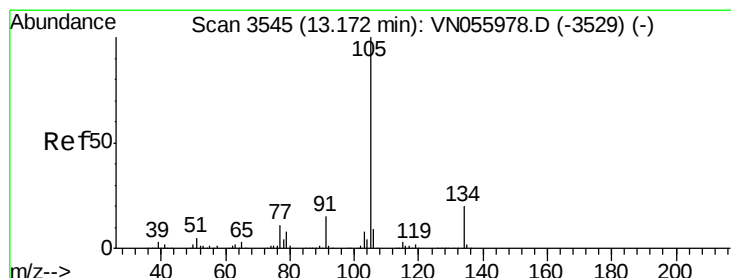
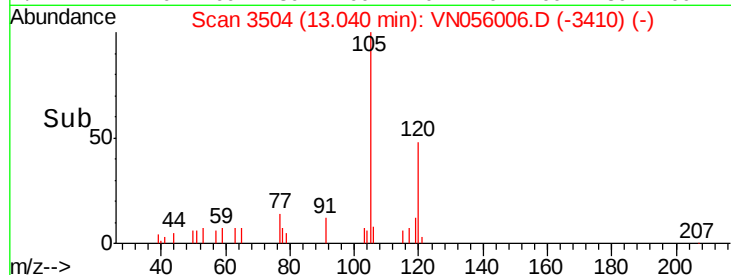
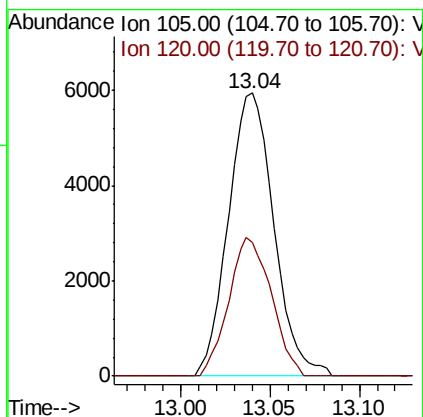
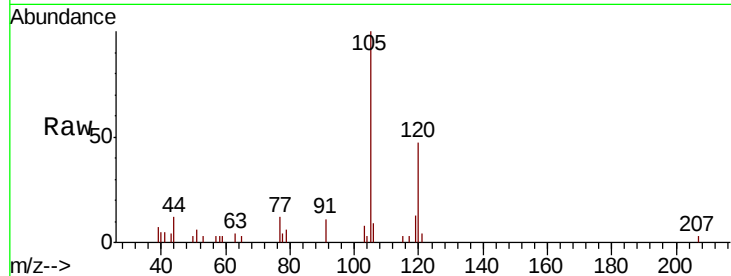




#84
1,2,4-Trimethylbenzene
Concen: 0.813 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN056006.D
Acq: 5 Jun 2019 13:41

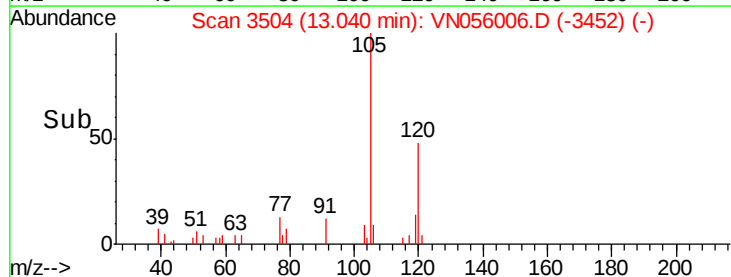
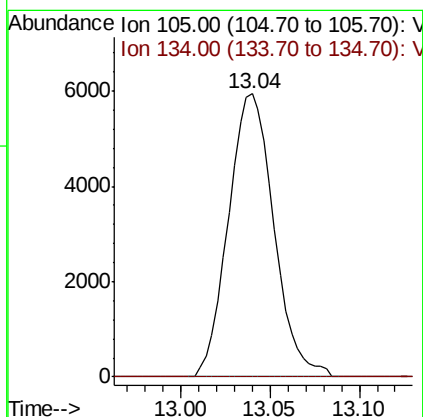
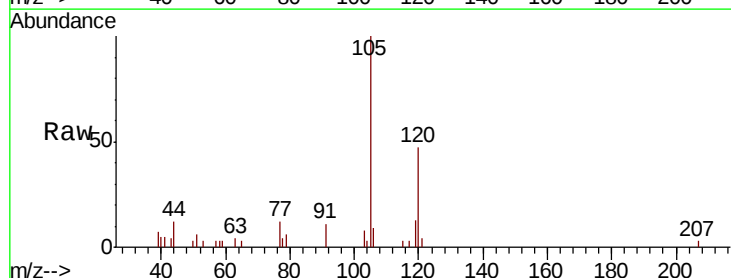
Instrument :
MSVOA_N
ClientSampled :

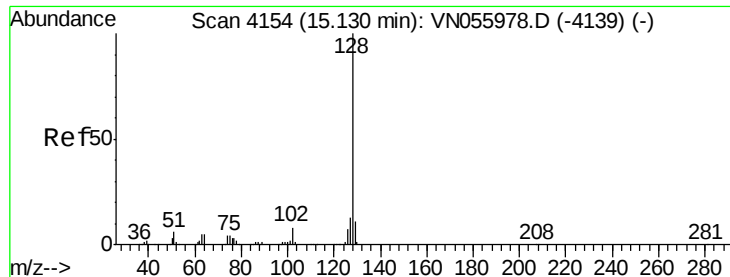
Tot Ion:105 Resp: 10552
Ion Ratio Lower Upper
105 100
120 45.9 23.0 69.0



#85
sec-Butylbenzene
Concen: 0.692 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.13 min
Lab File: VN056006.D
Acq: 5 Jun 2019 13:41

Tgt Ion:105 Resp: 10552
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.2#





#95

Naphthalene

Concen: 4.403 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

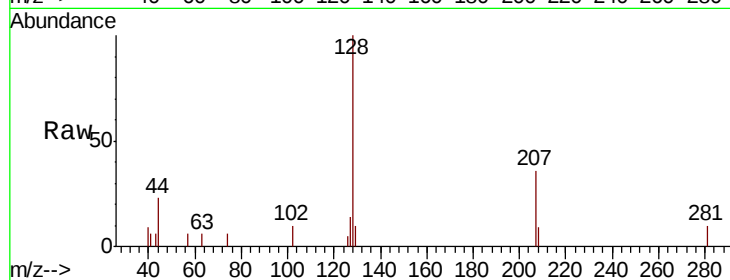
Lab File: VN056006.D

Acq: 5 Jun 2019 13:41

Instrument :

MSVOA_N

ClientSampleId :



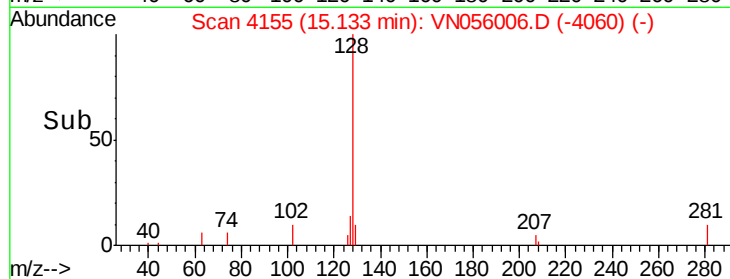
Tot Ion:128 Resp: 5819

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 8.1 8.7 13.1#



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

