

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN043019\
 Data File : VN055313.D
 Acq On : 30 Apr 2019 17:18
 Operator : JC/SP
 Sample : K2199-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 01 05:20:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	355501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	630766	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	576383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	179579	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	254317	54.68	ug/l	0.00
Spiked Amount			Recovery	=	109.36%	
35) Dibromofluoromethane	7.59	113	205091	49.54	ug/l	0.00
Spiked Amount			Recovery	=	99.08%	
50) Toluene-d8	10.09	98	773295	51.73	ug/l	0.00
Spiked Amount			Recovery	=	103.46%	
62) 4-Bromofluorobenzene	12.40	95	248119	53.10	ug/l	0.00
Spiked Amount			Recovery	=	106.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.78	59	196	0.736	ug/l #	73
14) Allyl chloride	4.55	41	8871	1.220	ug/l #	27
16) Acetone	3.82	43	21973	15.163	ug/l	99
17) Carbon Disulfide	4.06	76	2870	0.313	ug/l #	89
18) Methyl Acetate	4.34	43	7530	1.121	ug/l #	71
20) Methylene Chloride	4.55	84	173373	39.197	ug/l	98
25) 2-Butanone	6.86	43	1975	1.066	ug/l #	57
29) Tetrahydrofuran	7.22	42	1448	1.220	ug/l #	80
30) Chloroform	7.38	83	7200	0.986	ug/l	84
31) Cyclohexane	7.67	56	8530	1.166	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	28747	4.758	ug/l #	50
37) Ethyl Acetate	6.86	43	1975	0.427	ug/l #	71
38) Carbon Tetrachloride	7.67	117	32622	5.597	ug/l #	18
41) Methacrylonitrile	7.20	41	294	0.855	ug/l #	28
43) Isopropyl Acetate	8.18	43	23321	3.134	ug/l #	81
47) Bromodichloromethane	9.40	83	1714	0.285	ug/l #	92
48) Methyl methacrylate	9.18	41	10030	2.742	ug/l #	31
51) 4-Methyl-2-Pentanone	9.98	43	6142	1.466	ug/l #	87
54) cis-1,3-Dichloropropene	9.91	75	60324	9.252	ug/l #	65
57) 1,3-Dichloropropane	10.76	76	11076	1.664	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.92	63	31	12.425	ug/l #	52
59) 2-Hexanone	10.76	43	182148	69.484	ug/l #	55
68) m/p-Xylenes	11.62	106	2509	0.345	ug/l	91
69) o-Xylene	11.95	106	1624	0.226	ug/l	94
71) Bromoform	12.40	173	924	0.377	ug/l #	1
73) Isopropylbenzene	12.25	105	526	Below Cal		86
74) N-amyl acetate	11.88	43	16901	3.667	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	12.40	83	155	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	127896	37.696	ug/l #	100
79) 2-Chlorotoluene	12.66	91	1844	Below Cal		84
80) 1,3,5-Trimethylbenzene	12.73	105	5606	0.398	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	127896	134.967	ug/l #	7
83) tert-Butylbenzene	13.04	119	1284	Below Cal	#	60
84) 1,2,4-Trimethylbenzene	13.04	105	9454	0.751	ug/l	94

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Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

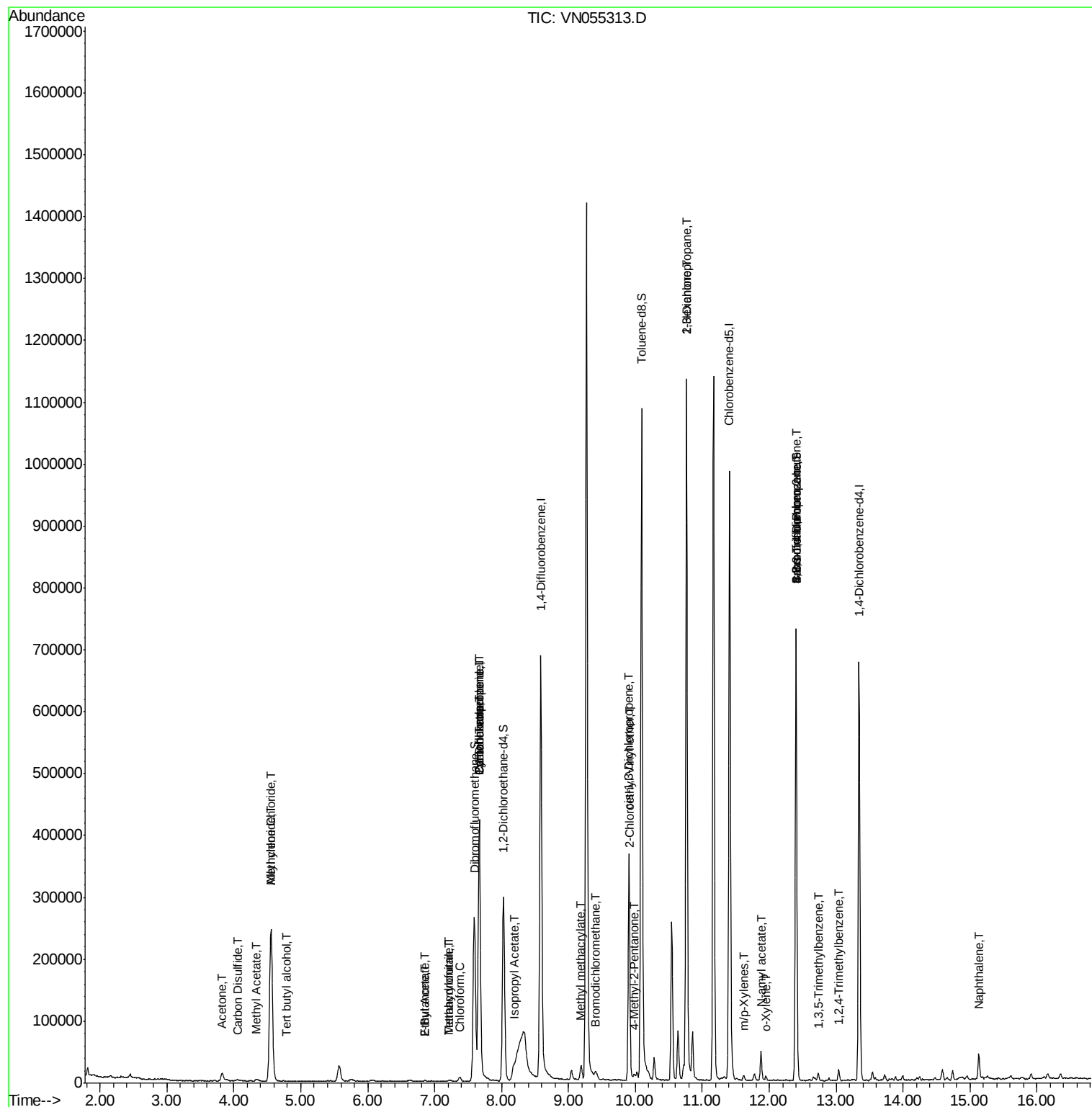
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.90	117	238	Below Cal	#	7
95) Naphthalene	15.13	128	34192	9.722	ug/l	98

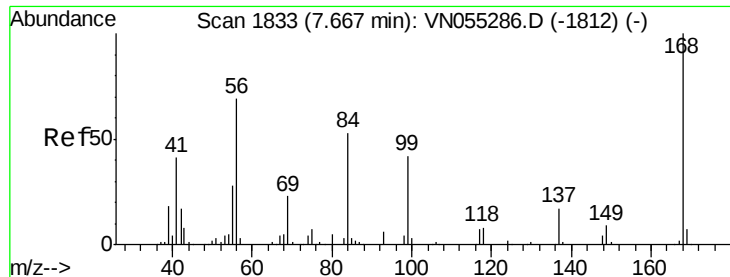
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN043019\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055313.D

Acq: 30 Apr 2019 17:18

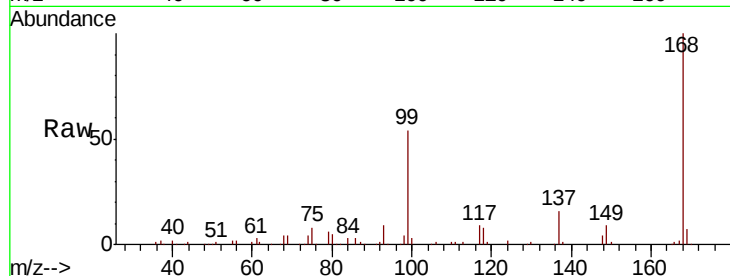
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 355501

Ion Ratio Lower Upper

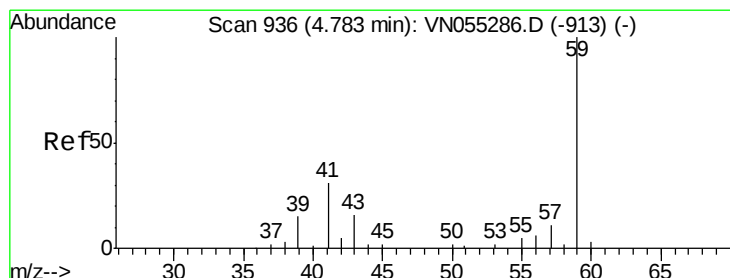
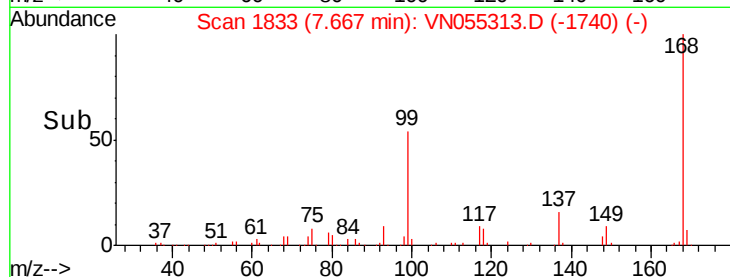
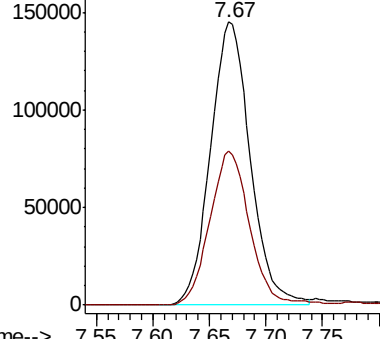
168 100

99 54.5 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#11

Tert butyl alcohol

Concen: 0.736 ug/l

RT: 4.78 min Scan# 936

Delta R.T. 0.00 min

Lab File: VN055313.D

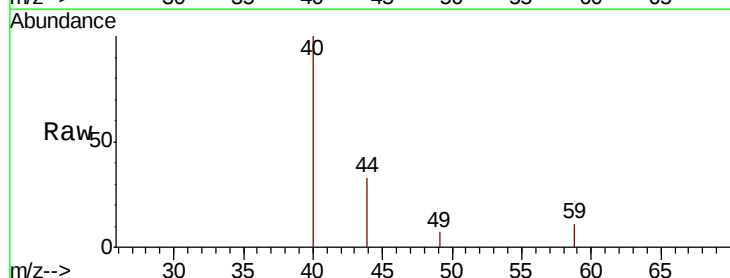
Acq: 30 Apr 2019 17:18

Tgt Ion: 59 Resp: 196

Ion Ratio Lower Upper

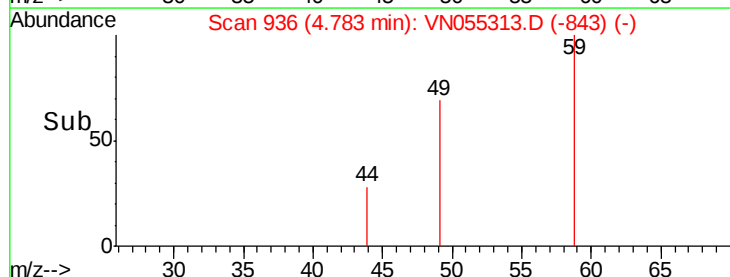
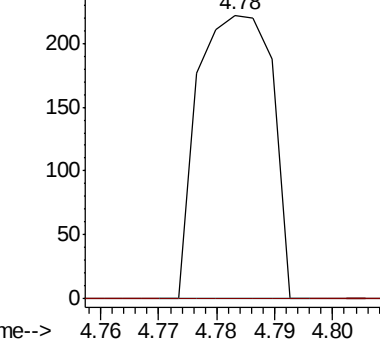
59 100

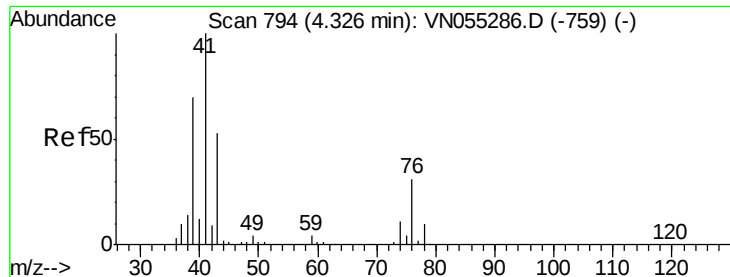
57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

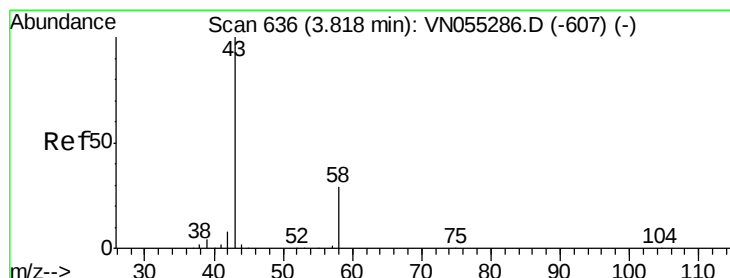
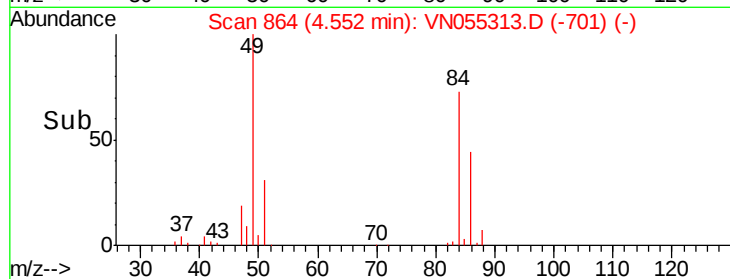
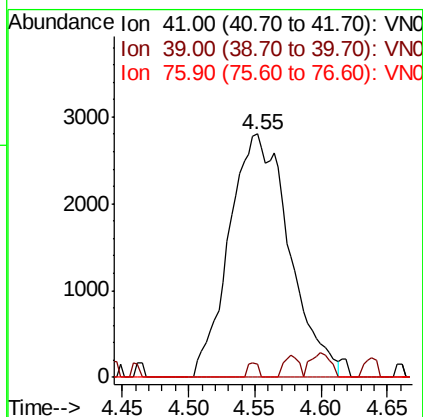
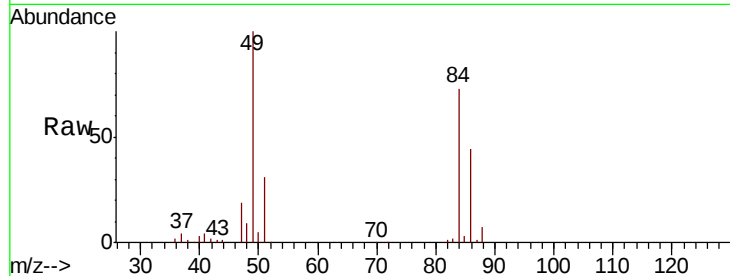




#14
Allvl chloride
Concen: 1.220 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.23 min
Lab File: VN055313.D
Acq: 30 Apr 2019 17:18

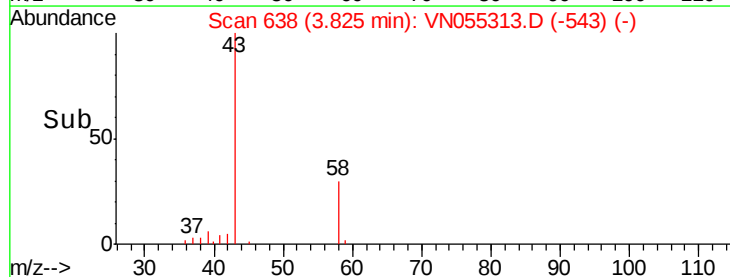
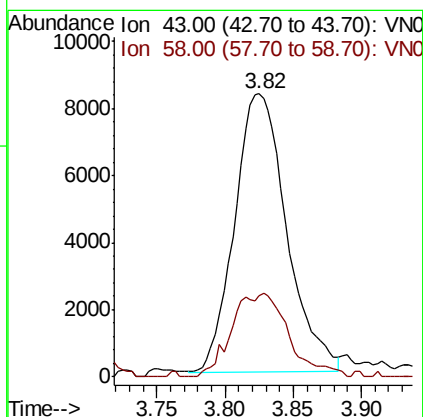
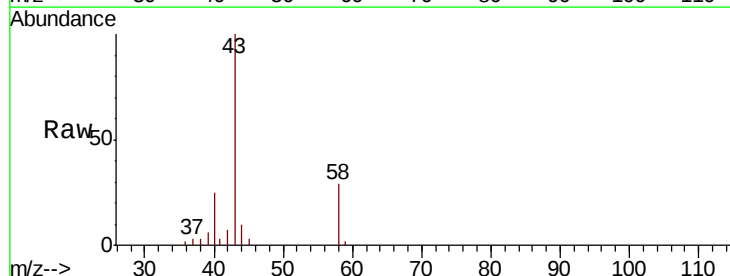
Instrument :
MSVOA_N
ClientSampled :

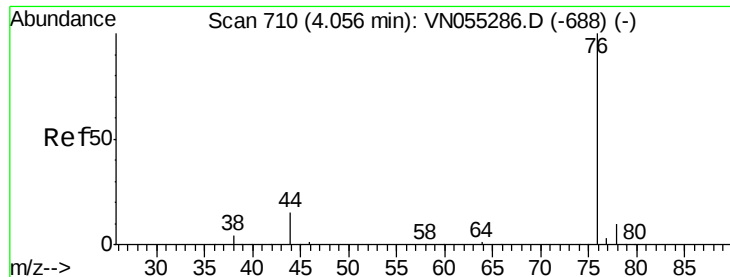
Tot Ion: 41 Resp: 8871
Ion Ratio Lower Upper
41 100
39 1.0 53.0 79.6#
76 0.0 22.7 34.1#



#16
Acetone
Concen: 15.163 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN055313.D
Acq: 30 Apr 2019 17:18

Tgt Ion: 43 Resp: 21973
Ion Ratio Lower Upper
43 100
58 29.1 23.6 35.4

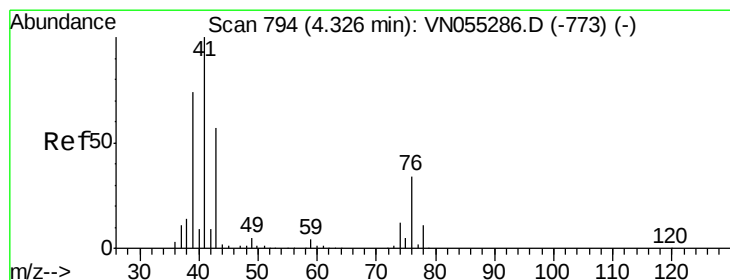
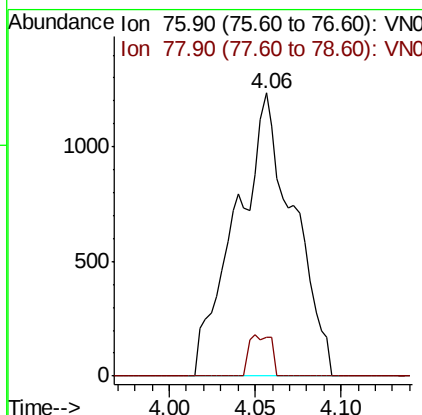
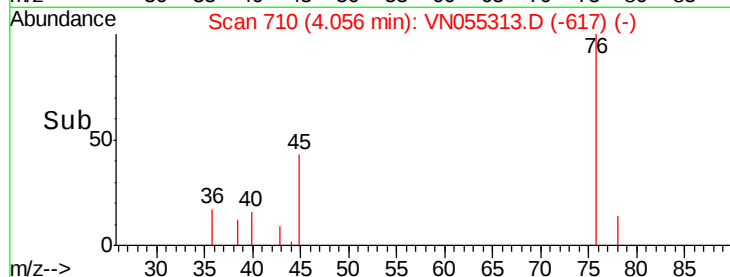
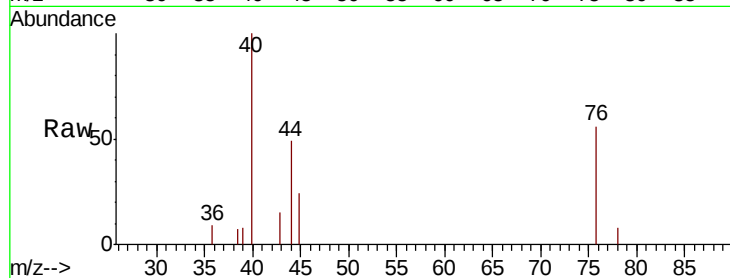




#17
Carbon Disulfide
Concen: 0.313 ug/l
RT: 4.06 min Scan# 710
Delta R.T. 0.00 min
Lab File: VN055313.D
Acq: 30 Apr 2019 17:18

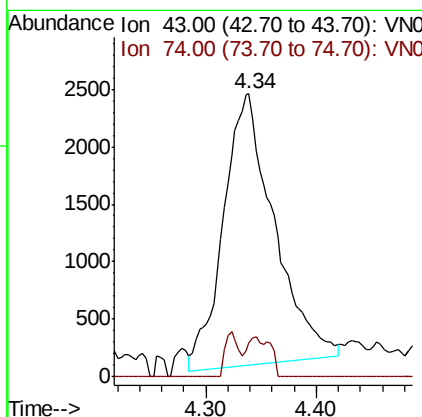
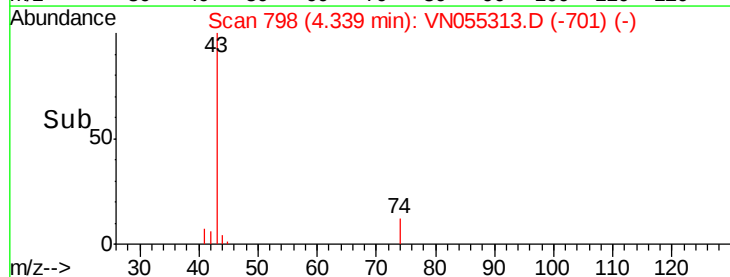
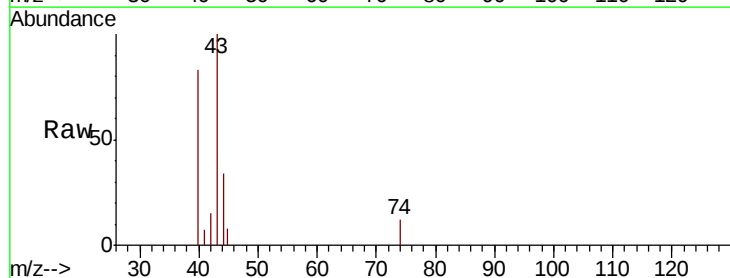
Instrument :
MSVOA_N
ClientSampled :

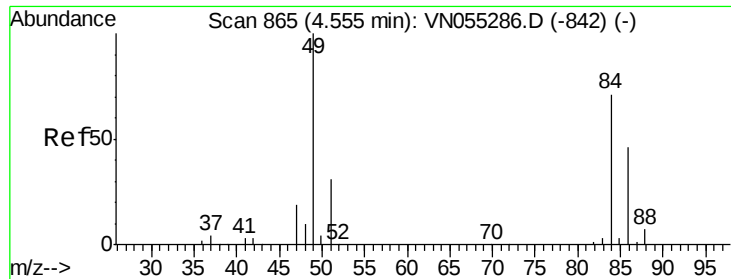
Tot Ion: 76 Resp: 2870
Ion Ratio Lower Upper
76 100
78 13.6 7.6 11.4#



#18
Methyl Acetate
Concen: 1.121 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN055313.D
Acq: 30 Apr 2019 17:18

Tgt Ion: 43 Resp: 7530
Ion Ratio Lower Upper
43 100
74 6.7 15.8 23.8#

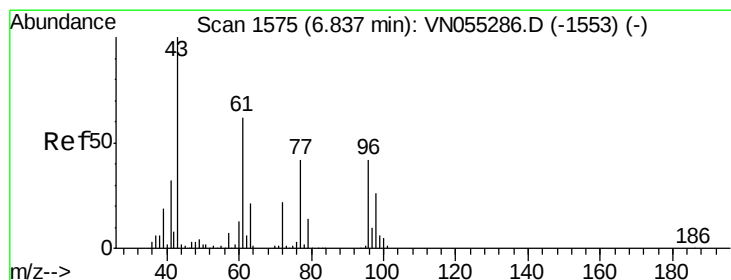
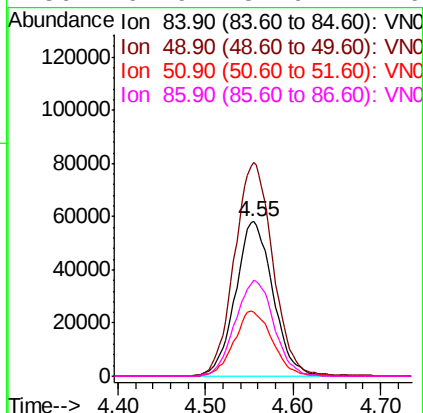
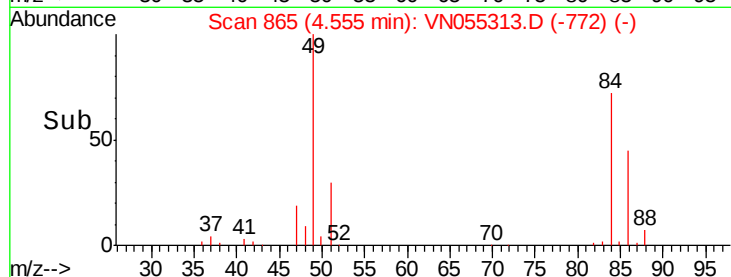
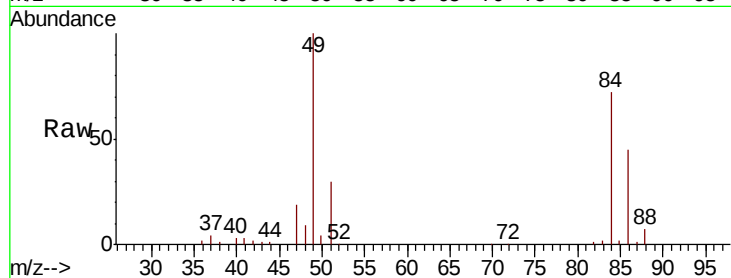




#20
Methvlene Chloride
Concen: 39.197 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055313.D
Acq: 30 Apr 2019 17:18

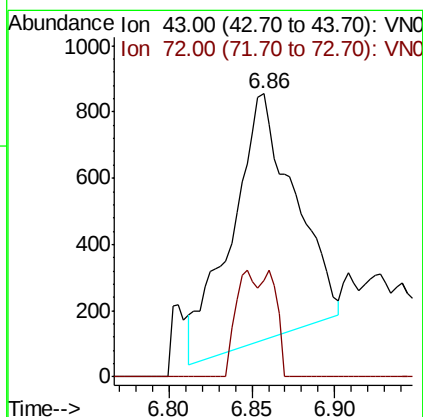
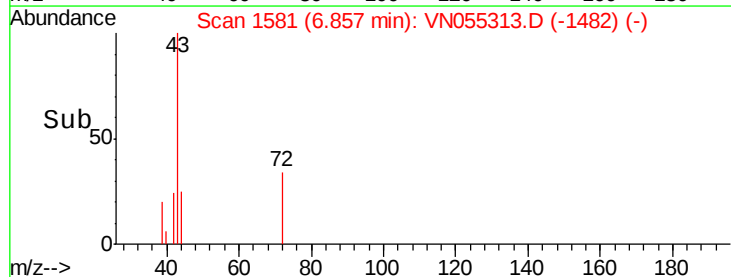
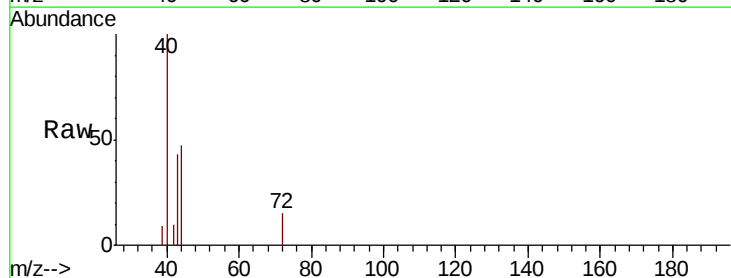
Instrument :
MSVOA_N
ClientSampled :

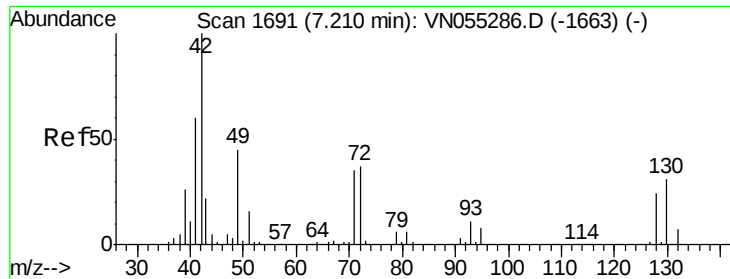
Tot Ion: 84 Resp: 173373
Ion Ratio Lower Upper
84 100
49 138.4 112.4 168.6
51 41.8 34.6 51.8
86 61.9 51.9 77.9



#25
2-Butanone
Concen: 1.066 ug/l
RT: 6.86 min Scan# 1581
Delta R.T. 0.02 min
Lab File: VN055313.D
Acq: 30 Apr 2019 17:18

Tgt Ion: 43 Resp: 1975
Ion Ratio Lower Upper
43 100
72 43.4 18.0 27.0#





#29

Tetrahydrofuran

Concen: 1.220 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VN055313.D

Acq: 30 Apr 2019 17:18

Instrument :

MSVOA_N

ClientSampled :

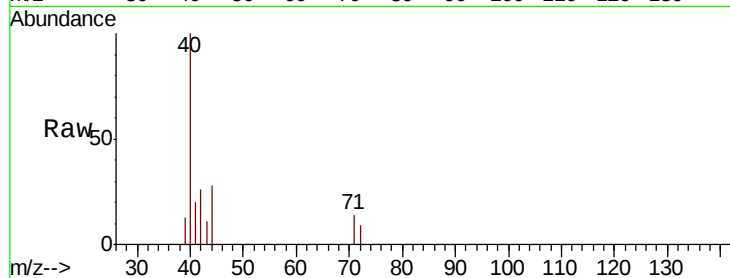
Tot Ion: 42 Resp: 1448

Ion Ratio Lower Upper

42 100

72 14.3 29.0 43.6#

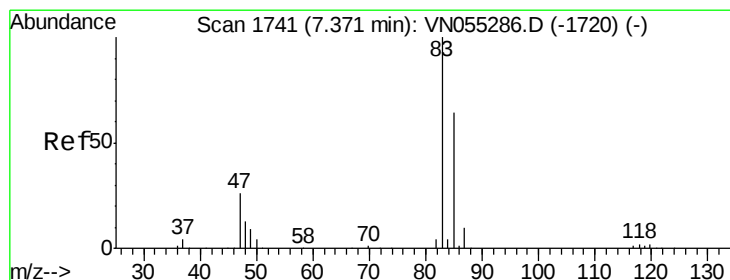
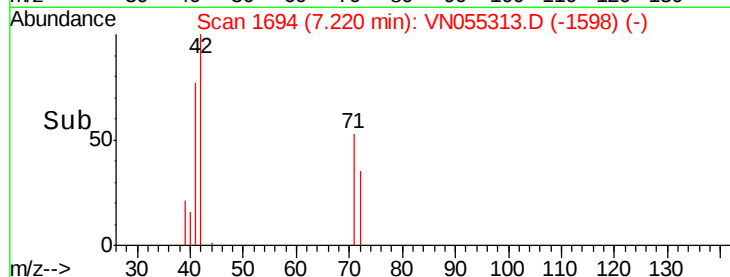
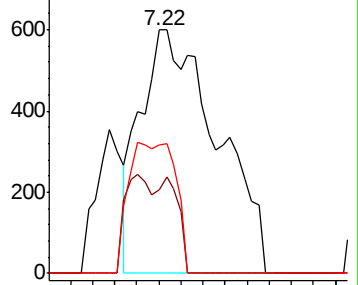
71 32.6 27.1 40.7



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: 0.986 ug/l

RT: 7.38 min Scan# 1744

Delta R.T. 0.01 min

Lab File: VN055313.D

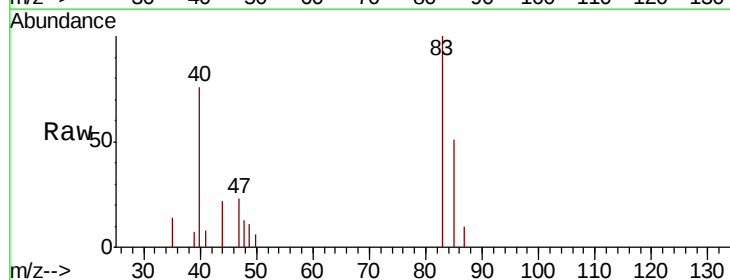
Acq: 30 Apr 2019 17:18

Tgt Ion: 83 Resp: 7200

Ion Ratio Lower Upper

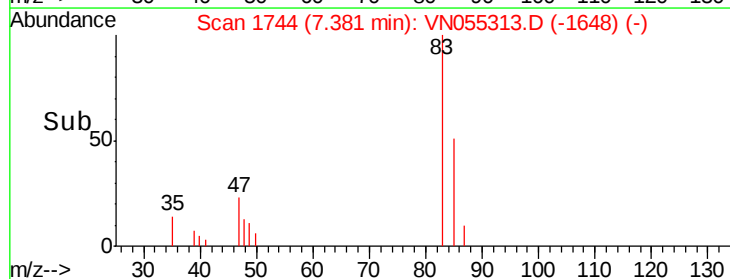
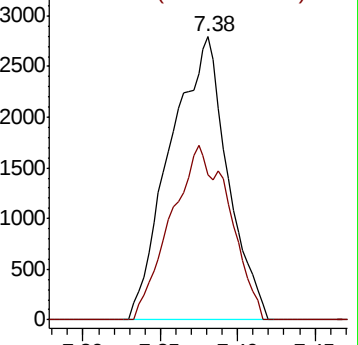
83 100

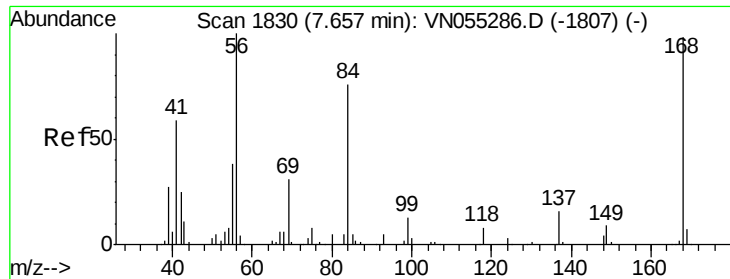
85 51.5 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

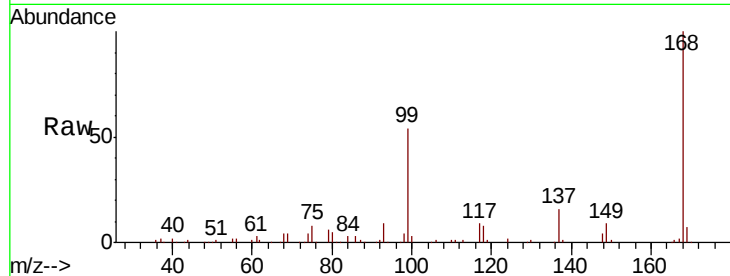




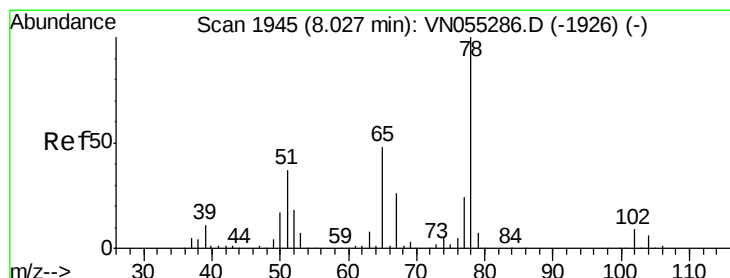
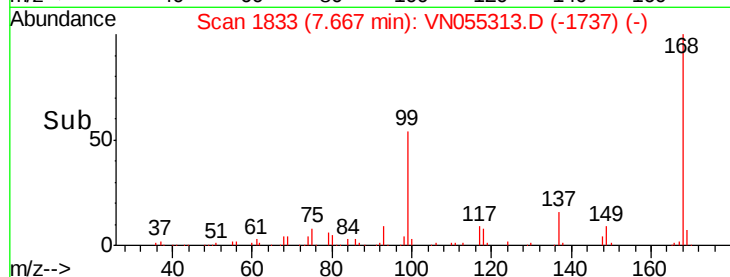
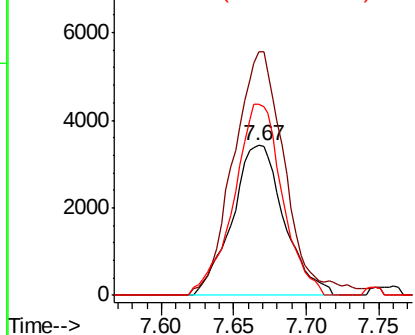
#31
Cyclohexane
Concen: 1.166 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN055313.D
Acq: 30 Apr 2019 17:18

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 8530
Ion Ratio Lower Upper
56 100
69 162.4 25.2 37.8#
84 127.9 61.1 91.7#

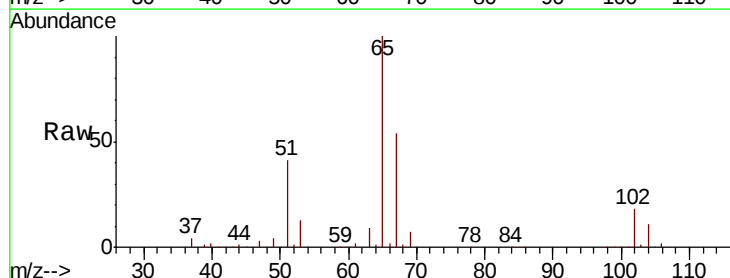


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

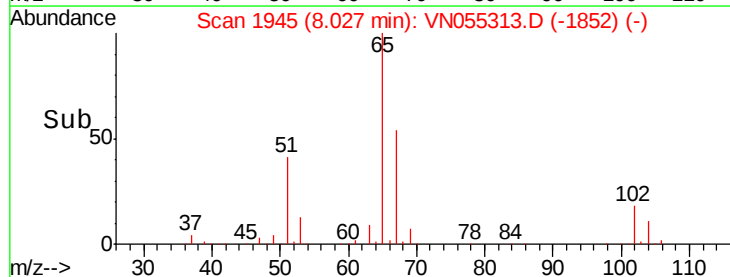
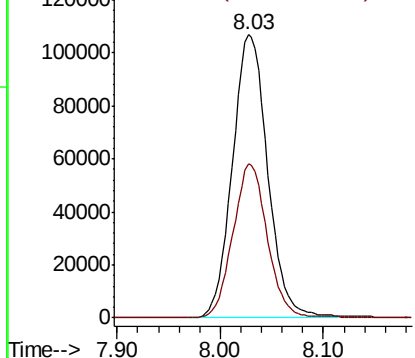


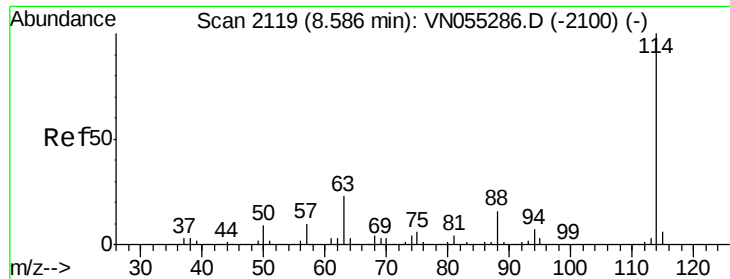
#33
1,2-Dichloroethane-d4
Concen: 54.683 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055313.D
Acq: 30 Apr 2019 17:18

Tgt Ion: 65 Resp: 254317
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

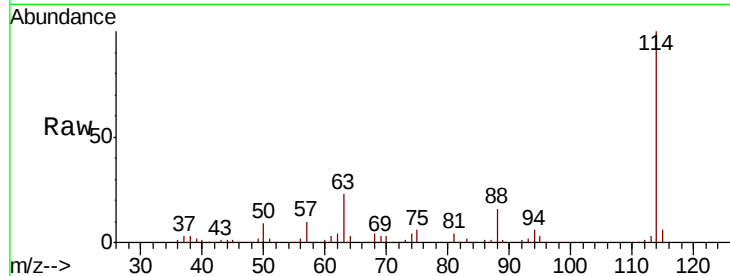




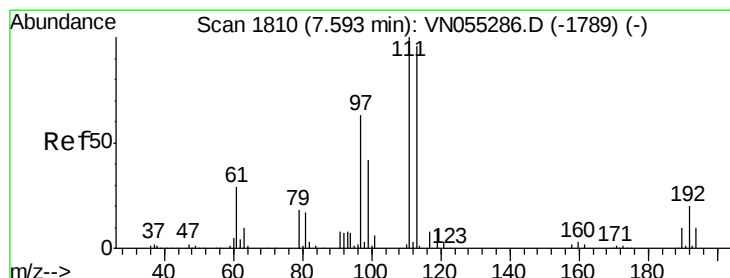
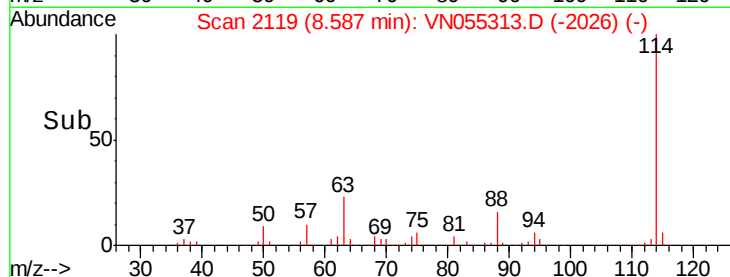
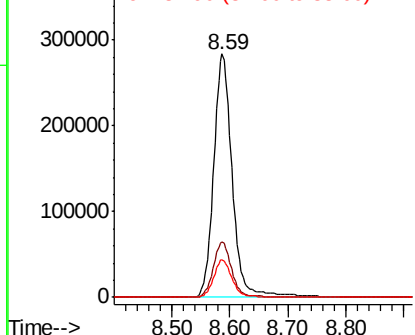
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055313.D
 Acq: 30 Apr 2019 17:18

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 630766
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 45.2
 88 15.7 0.0 31.6

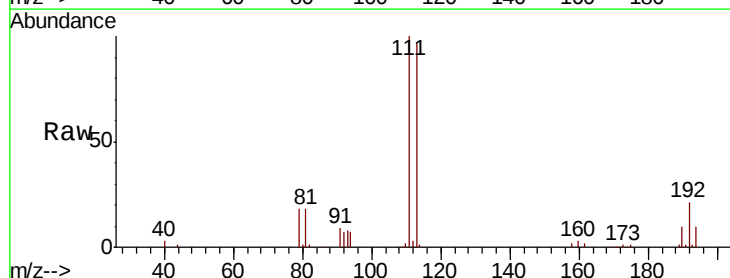


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

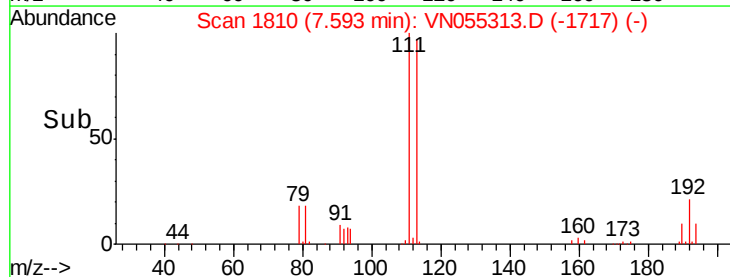
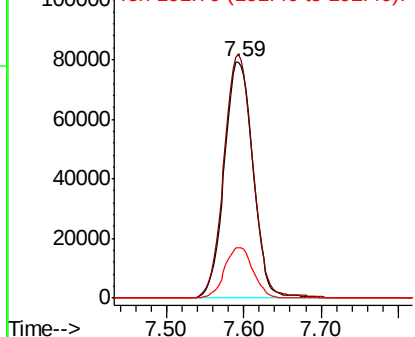


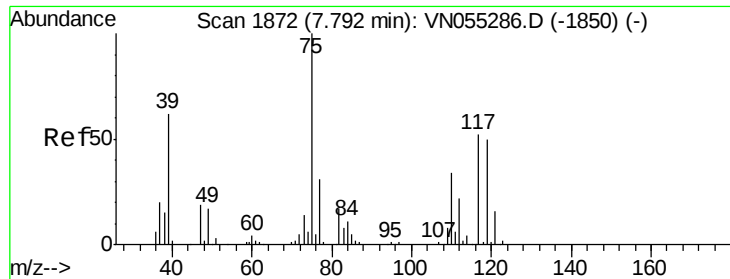
#35
 Dibromofluoromethane
 Concen: 49.537 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055313.D
 Acq: 30 Apr 2019 17:18

Tgt Ion:113 Resp: 205091
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.3 123.5
 192 21.2 17.0 25.6



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

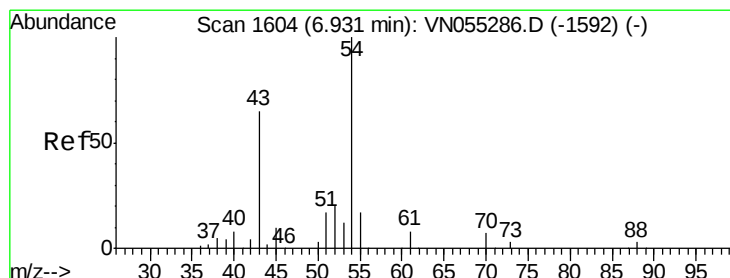
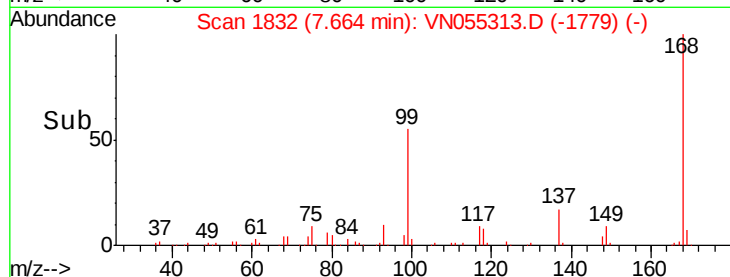
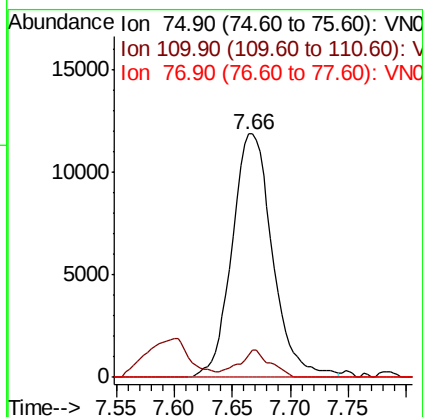
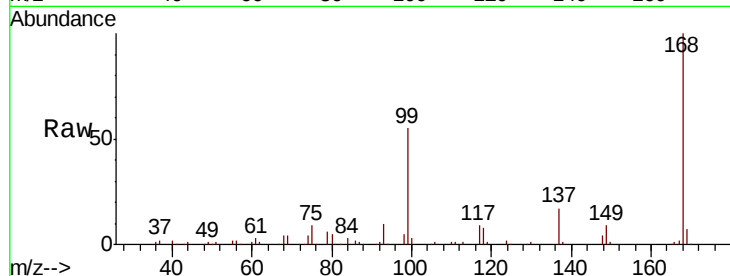




#36
 1,1-Dichloropropene
 Concen: 4.758 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055313.D
 Acq: 30 Apr 2019 17:18

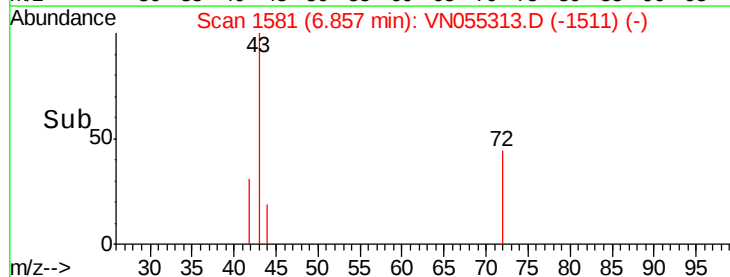
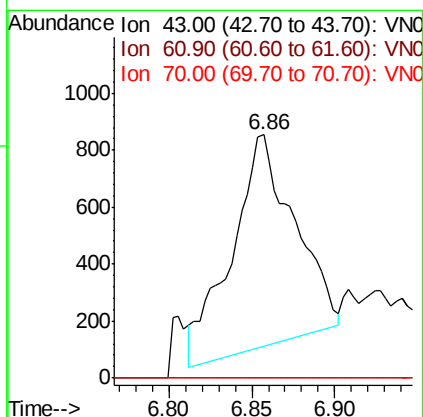
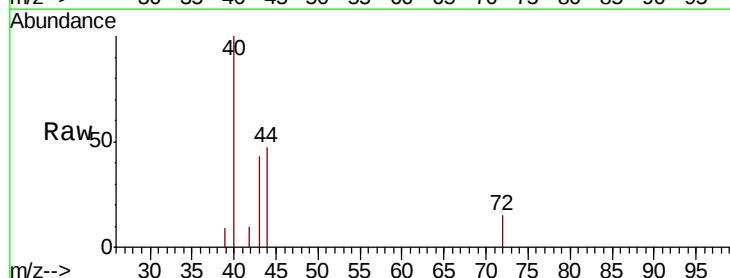
Instrument :
 MSVOA_N
 ClientSampled :

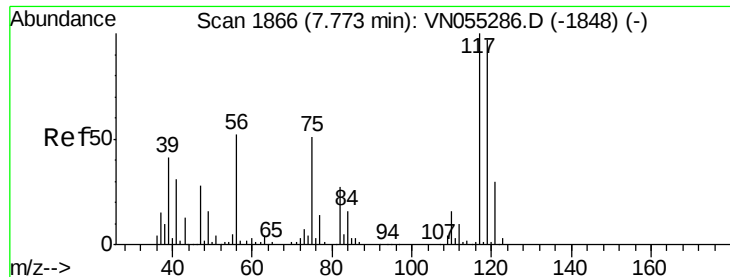
Tot Ion	75	Resp	28747
Ion Ratio	Lower	Upper	
75	100		
110	8.7	16.8	50.4#
77	0.0	25.0	37.6#



#37
 Ethyl Acetate
 Concen: 0.427 ug/l
 RT: 6.86 min Scan# 1581
 Delta R.T. -0.07 min
 Lab File: VN055313.D
 Acq: 30 Apr 2019 17:18

Tgt Ion	43	Resp	1975
Ion Ratio	Lower	Upper	
43	100		
61	0.0	10.4	15.6#
70	0.0	6.6	10.0#





#38

Carbon Tetrachloride

Concen: 5.597 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. -0.10 min

Lab File: VN055313.D

Acq: 30 Apr 2019 17:18

Instrument :

MSVOA_N

ClientSampleId :

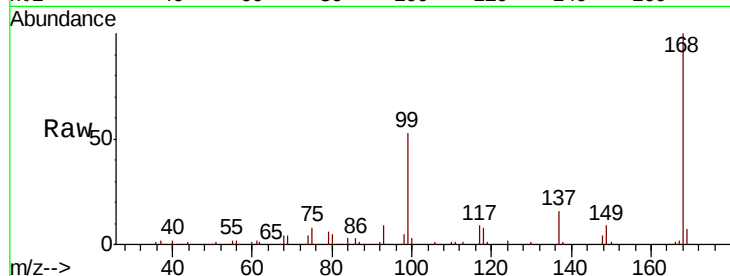
Tot Ion:117 Resp: 32622

Ion Ratio Lower Upper

117 100

119 7.3 77.0 115.6#

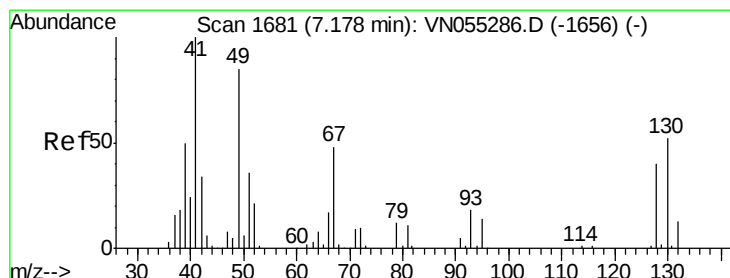
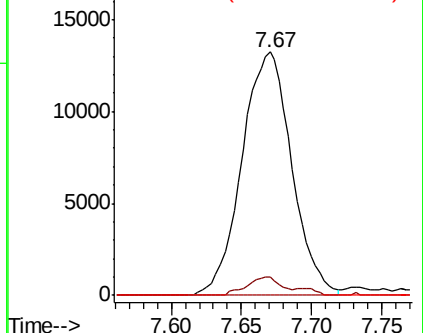
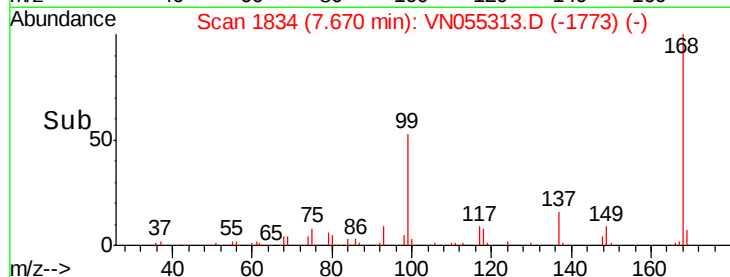
121 0.0 23.8 35.8#



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: 0.855 ug/l

RT: 7.20 min Scan# 1689

Delta R.T. 0.03 min

Lab File: VN055313.D

Acq: 30 Apr 2019 17:18

Tgt Ion: 41 Resp: 294

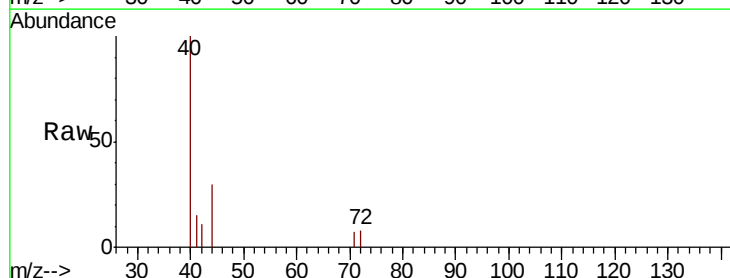
Ion Ratio Lower Upper

41 100

39 9.9 48.5 72.7#

67 0.0 54.9 82.3#

52 0.0 24.9 37.3#

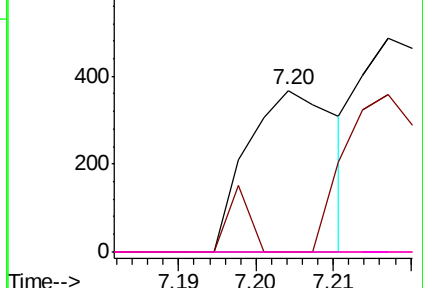
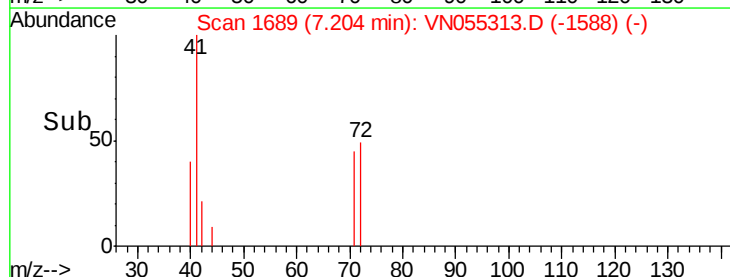


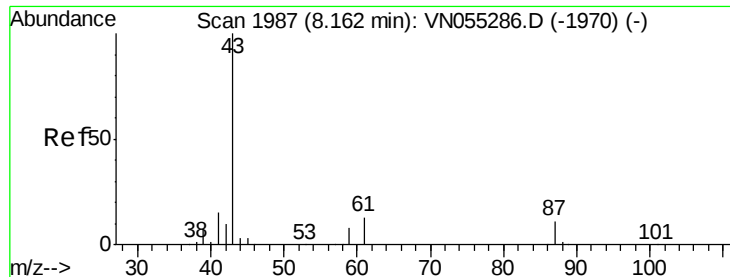
Abundance Ion 41.00 (40.70 to 41.70): V

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: 3.134 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN055313.D

Acq: 30 Apr 2019 17:18

Instrument :

MSVOA_N

ClientSampleId :

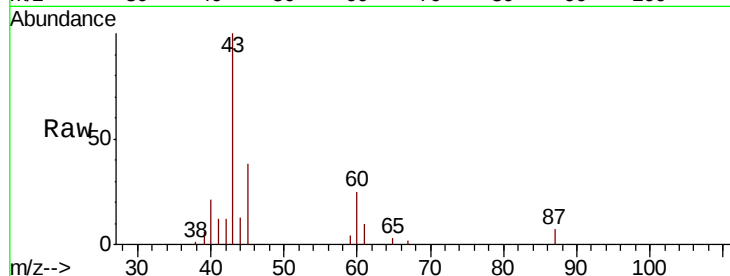
Tot Ion: 43 Resp: 23321

Ion Ratio Lower Upper

43 100

61 13.6 20.8 31.2#

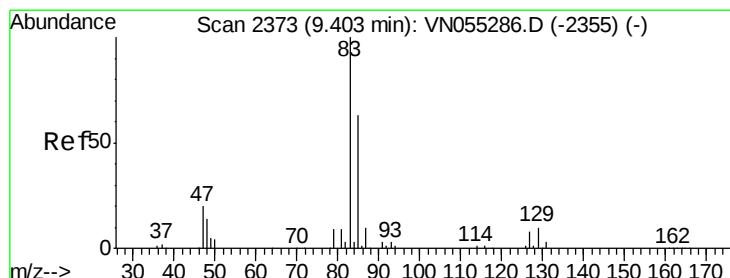
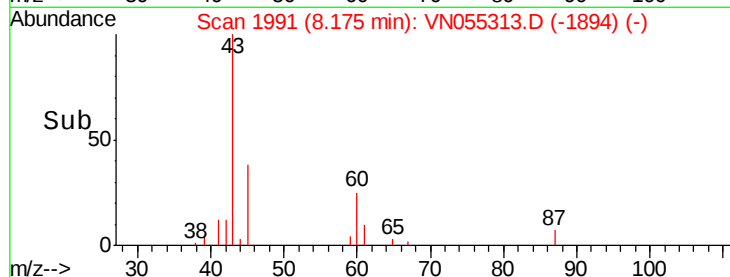
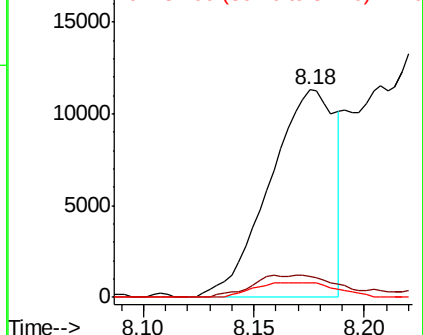
87 8.8 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VN055313.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN055313.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN055313.D (-1894) (-)



#47

Bromodichloromethane

Concen: 0.285 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055313.D

Acq: 30 Apr 2019 17:18

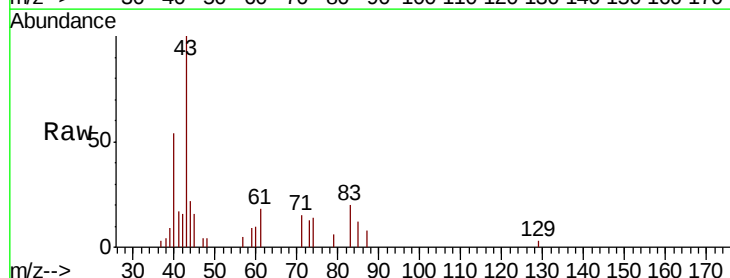
Tgt Ion: 83 Resp: 1714

Ion Ratio Lower Upper

83 100

85 57.9 50.1 75.1

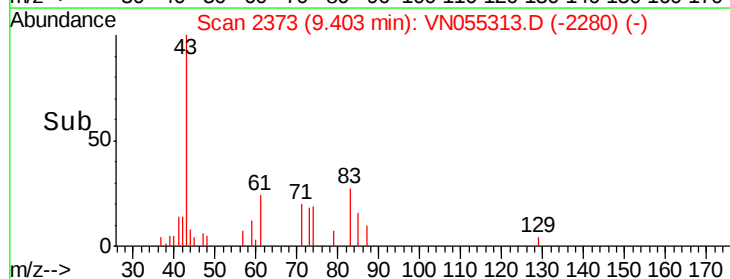
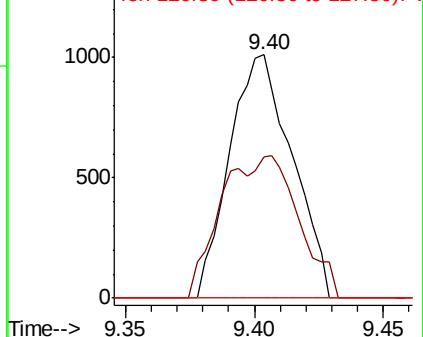
127 0.0 6.7 10.1#

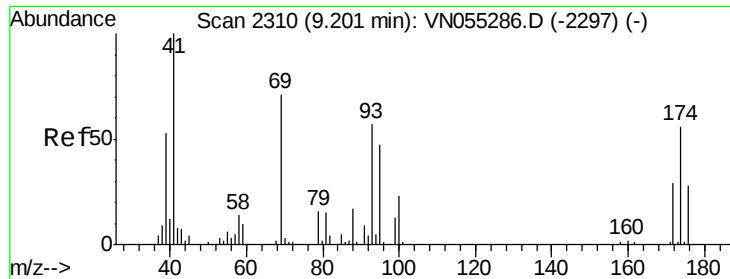


Abundance Ion 82.90 (82.60 to 83.60): VN055313.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055313.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055313.D (-2280) (-)

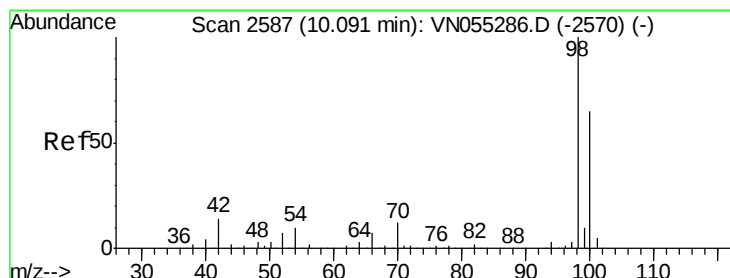
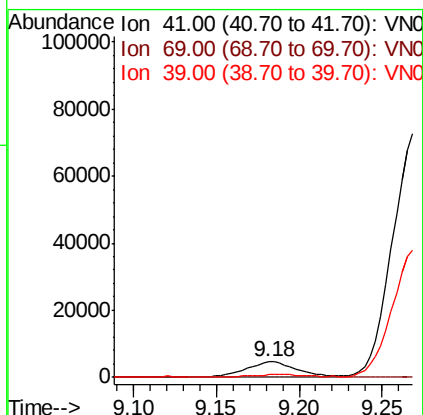
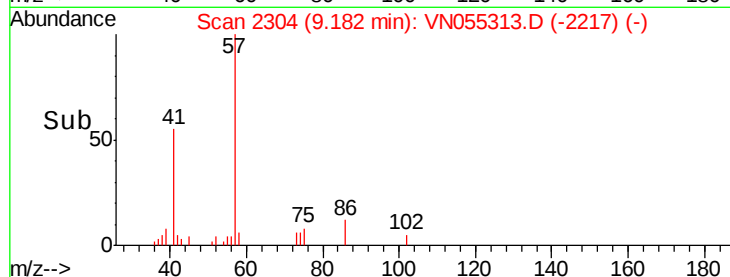
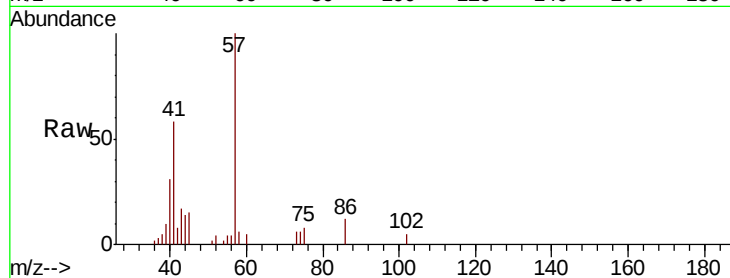




#48
Methvl methacrylate
Concen: 2.742 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN055313.D
Acq: 30 Apr 2019 17:18

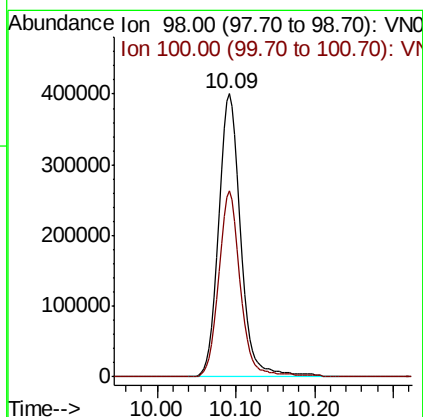
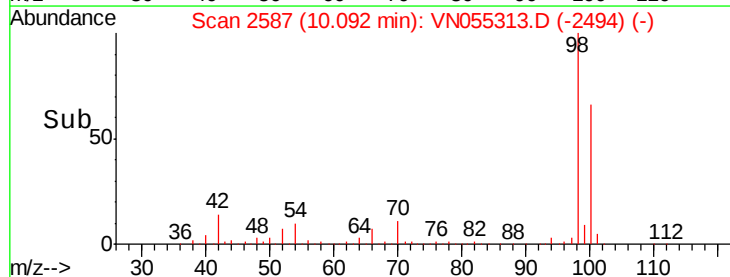
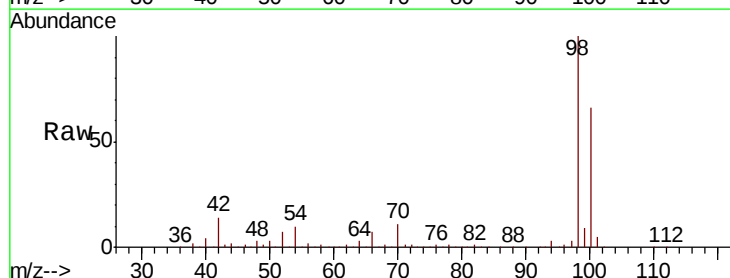
Instrument :
MSVOA_N
ClientSampleId :

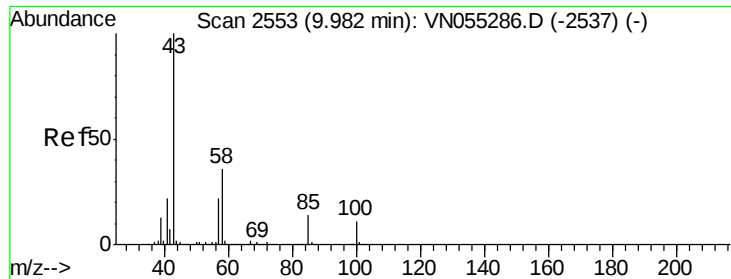
Tot Ion: 41 Resp: 10030
Ion Ratio Lower Upper
41 100
69 0.0 58.6 87.8#
39 23.2 43.8 65.6#



#50
Toluene-d8
Concen: 51.727 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055313.D
Acq: 30 Apr 2019 17:18

Tgt Ion: 98 Resp: 773295
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5

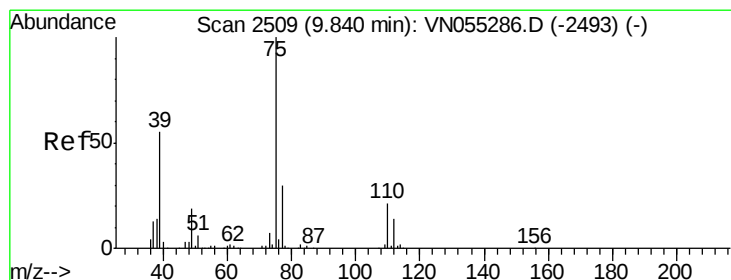
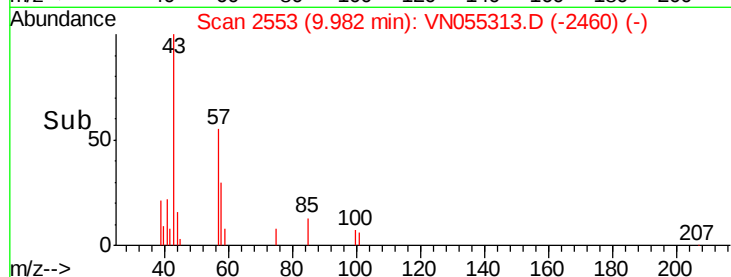
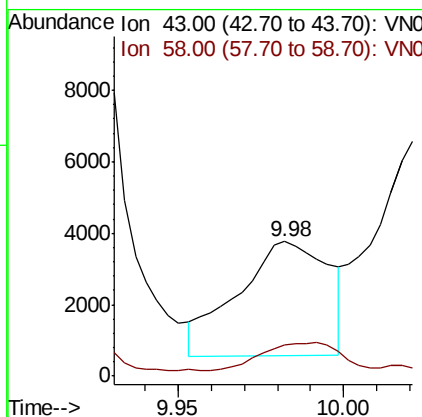
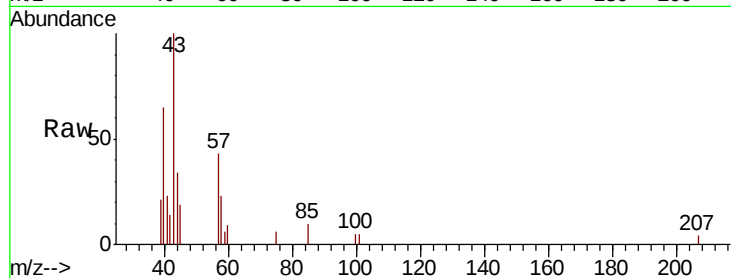




#51
 4-Methyl-2-Pentanone
 Concen: 1.466 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. 0.00 min
 Lab File: VN055313.D
 Acq: 30 Apr 2019 17:18

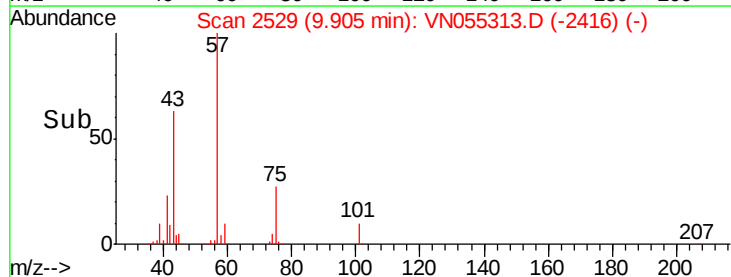
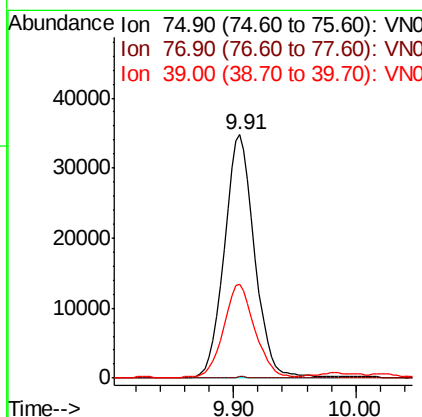
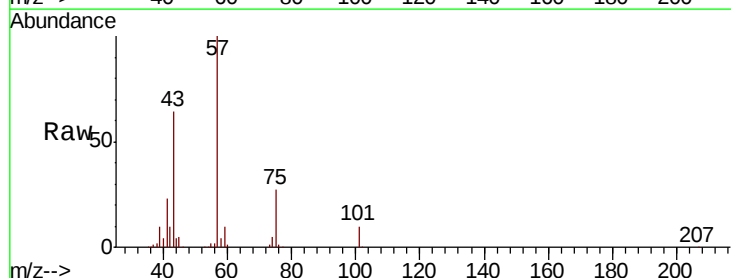
Instrument :
 MSVOA_N
 ClientSampleId :

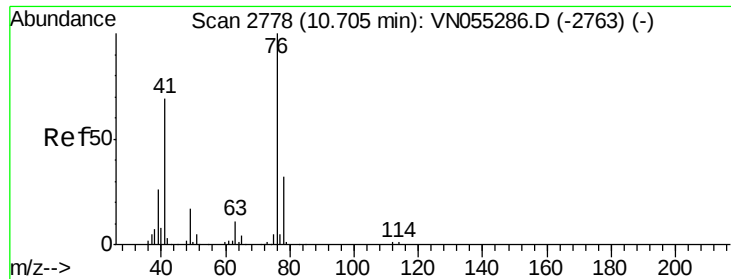
Tot Ion: 43 Resp: 6142
 Ion Ratio Lower Upper
 43 100
 58 28.0 28.5 42.7#



#54
 cis-1,3-Dichloropropene
 Concen: 9.252 ug/l
 RT: 9.91 min Scan# 2529
 Delta R.T. 0.06 min
 Lab File: VN055313.D
 Acq: 30 Apr 2019 17:18

Tgt Ion: 75 Resp: 60324
 Ion Ratio Lower Upper
 75 100
 77 0.6 24.2 36.2#
 39 38.1 44.2 66.2#

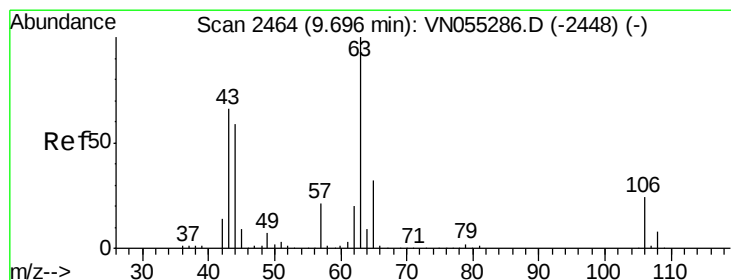
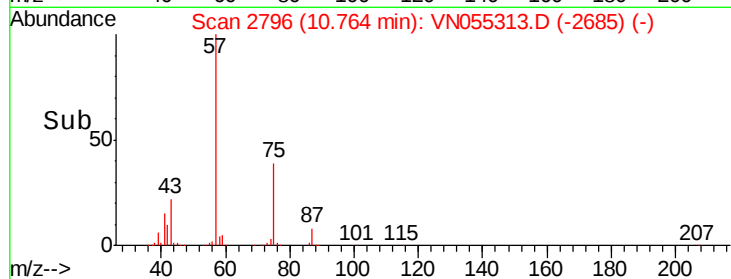
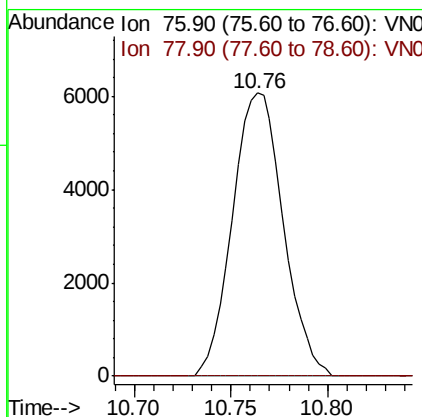
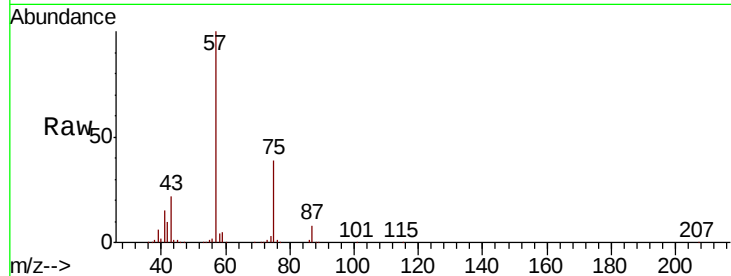




#57
 1,3-Dichloropropane
 Concen: 1.664 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN055313.D
 Acq: 30 Apr 2019 17:18

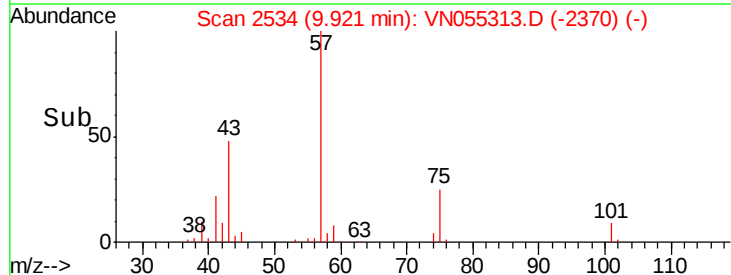
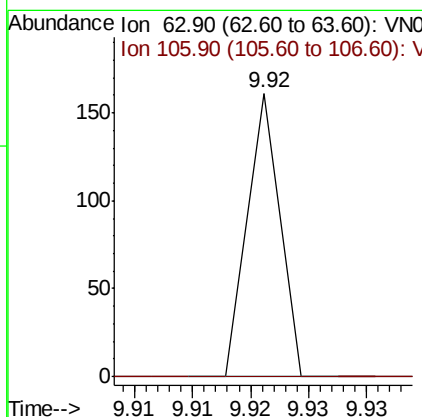
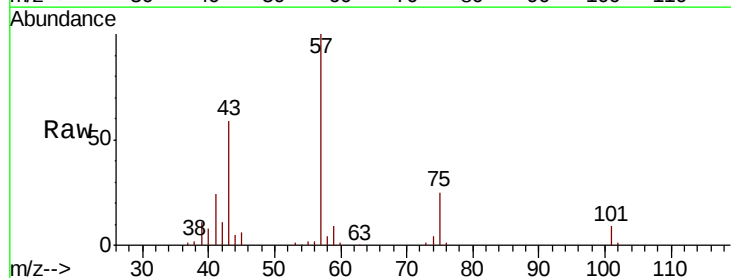
Instrument :
 MSVOA_N
 ClientSampleId :

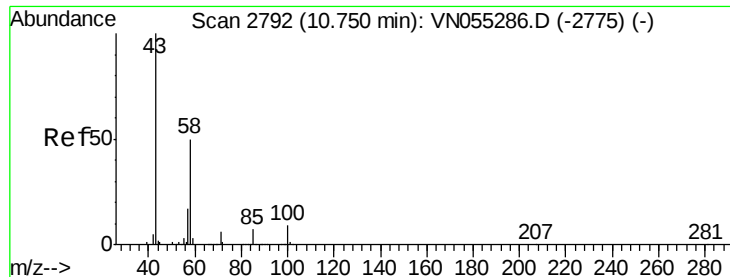
Tot Ion: 76 Resp: 11076
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#58
 2-Chloroethyl Vinyl ether
 Concen: 12.425 ug/l
 RT: 9.92 min Scan# 2534
 Delta R.T. 0.23 min
 Lab File: VN055313.D
 Acq: 30 Apr 2019 17:18

Tgt Ion: 63 Resp: 31
 Ion Ratio Lower Upper
 63 100
 106 0.0 19.0 28.4#

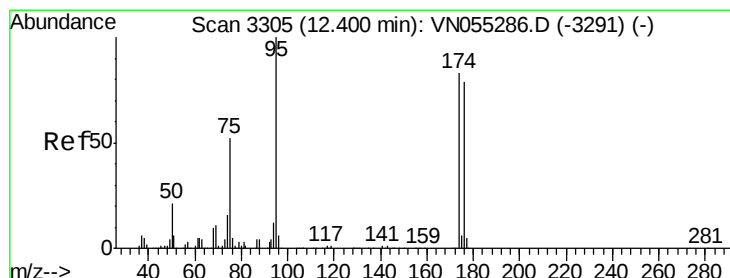
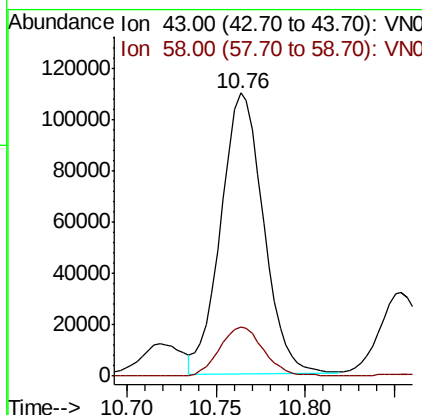
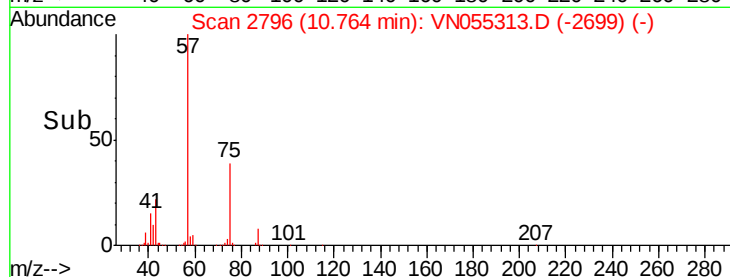
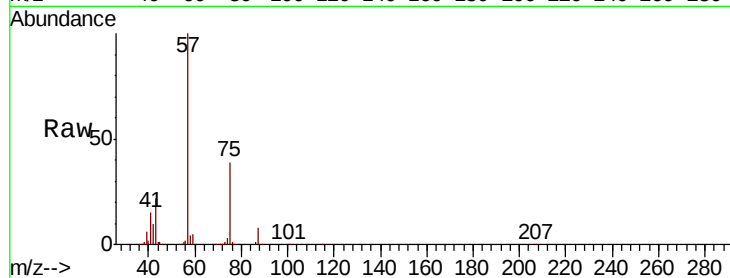




#59
2-Hexanone
Concen: 69.484 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN055313.D
Acq: 30 Apr 2019 17:18

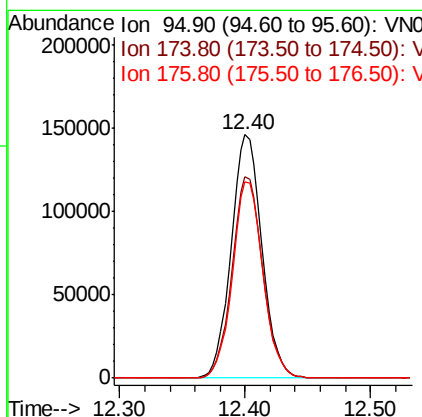
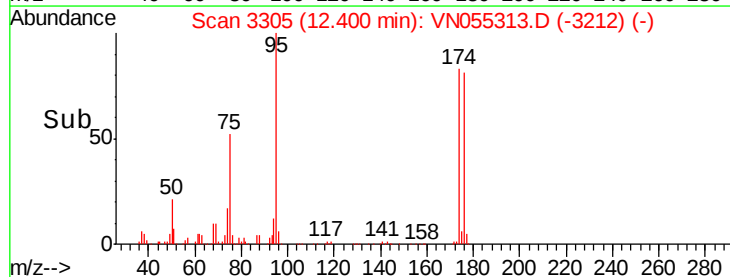
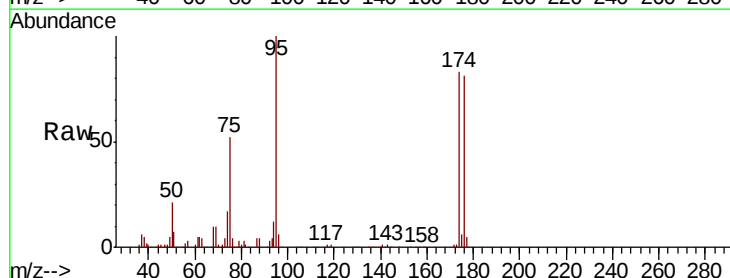
Instrument :
MSVOA_N
ClientSampled :

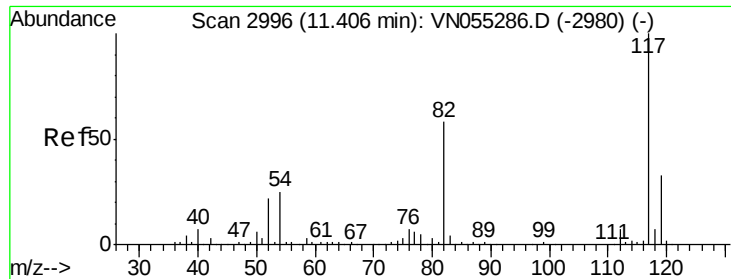
Tot Ion: 43 Resp: 182148
Ion Ratio Lower Upper
43 100
58 18.5 24.9 74.6#



#62
4-Bromofluorobenzene
Concen: 53.105 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055313.D
Acq: 30 Apr 2019 17:18

Tgt Ion: 95 Resp: 248119
Ion Ratio Lower Upper
95 100
174 82.7 0.0 166.6
176 80.0 0.0 157.8

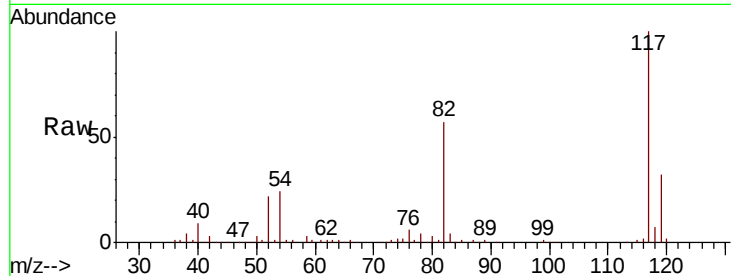




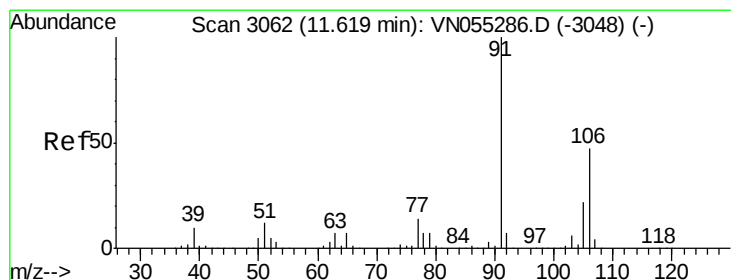
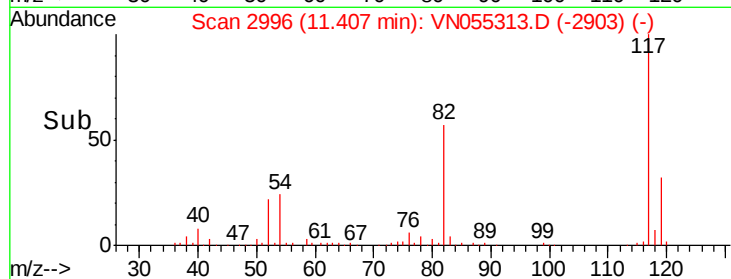
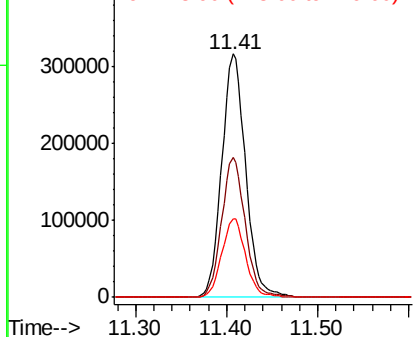
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055313.D
Acq: 30 Apr 2019 17:18

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 576383
Ion Ratio Lower Upper
117 100
82 57.5 46.2 69.4
119 32.3 26.6 40.0

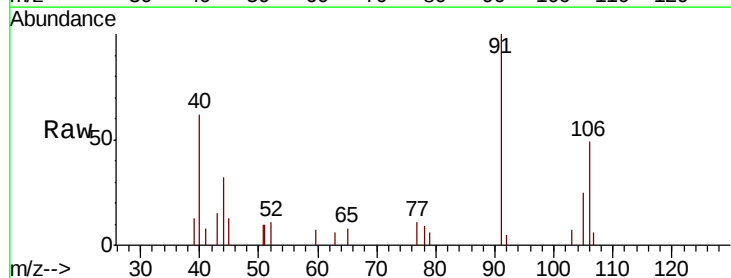


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

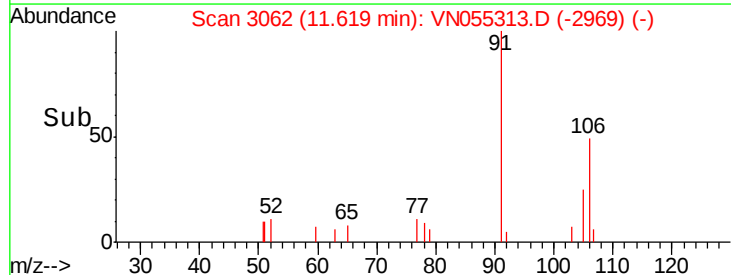
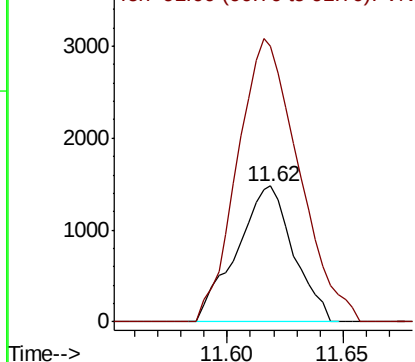


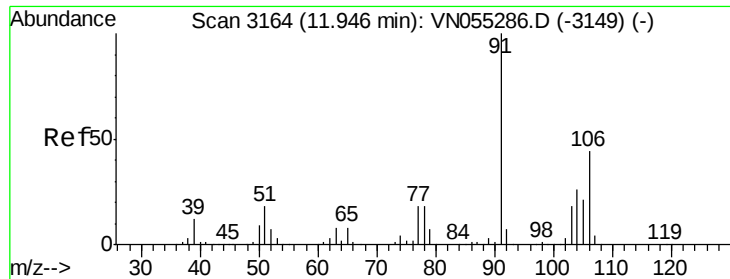
#68
m/p-Xylenes
Concen: 0.345 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055313.D
Acq: 30 Apr 2019 17:18

Tgt Ion:106 Resp: 2509
Ion Ratio Lower Upper
106 100
91 225.7 169.5 254.3



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

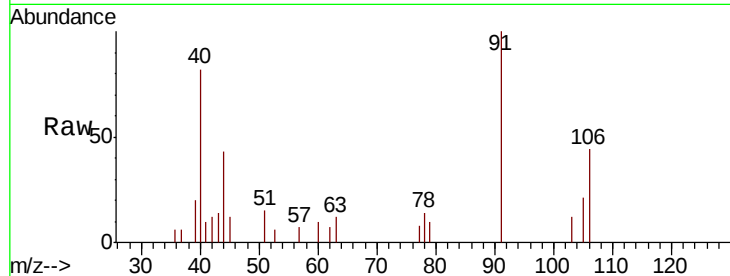




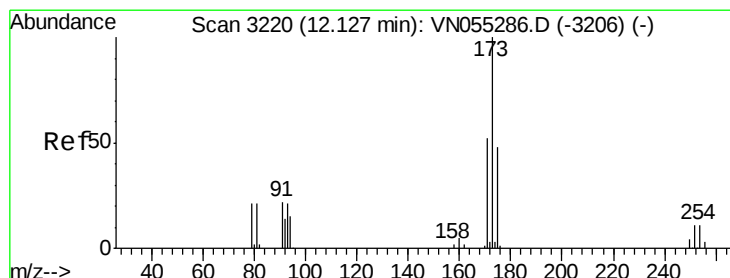
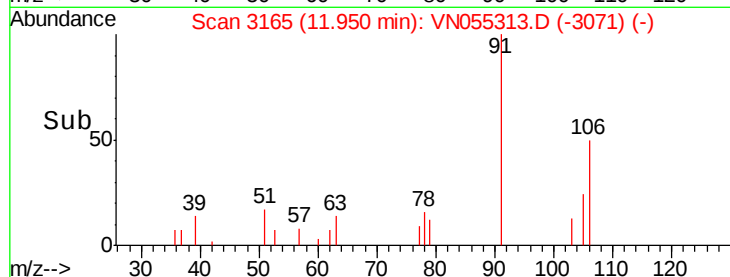
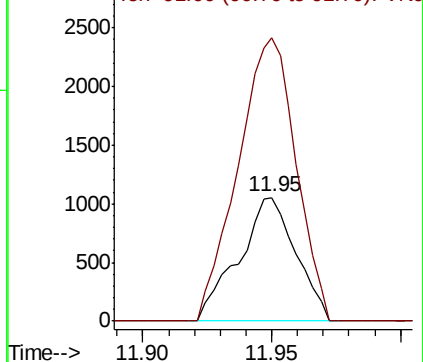
#69
o-Xylene
Concen: 0.226 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN055313.D
Acq: 30 Apr 2019 17:18

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 1624
Ion Ratio Lower Upper
106 100
91 232.8 111.5 334.5

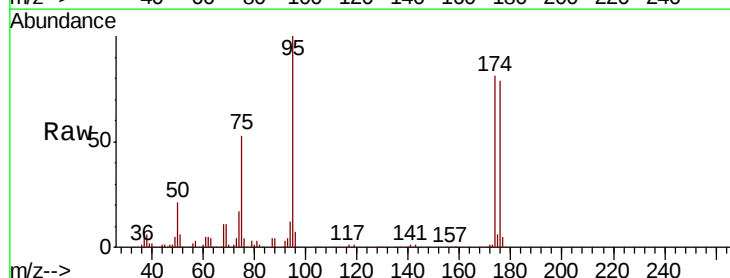


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

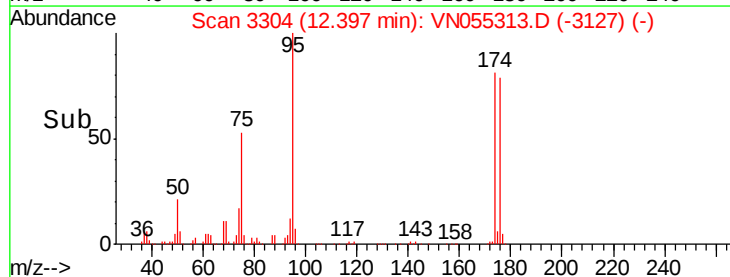
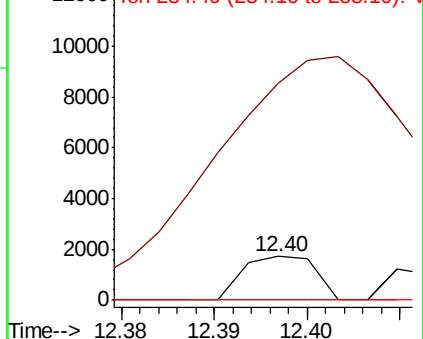


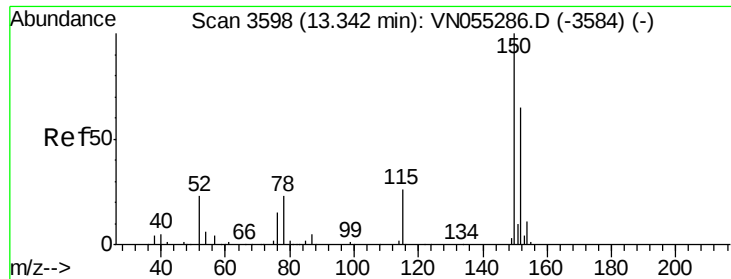
#71
Bromoform
Concen: 0.377 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN055313.D
Acq: 30 Apr 2019 17:18

Tgt Ion:173 Resp: 924
Ion Ratio Lower Upper
173 100
175 1515.0 23.6 71.0#
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: VN055313.D

Acq: 30 Apr 2019 17:18

Instrument :

MSVOA_N

ClientSampled :

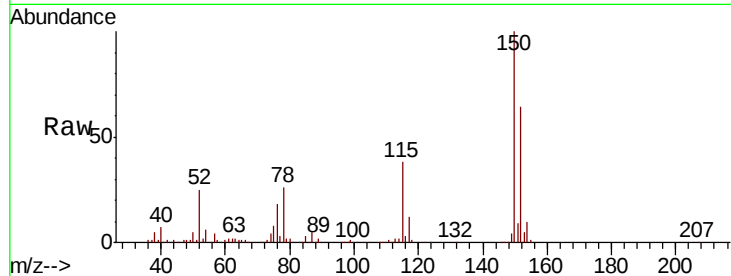
Tot Ion:152 Resp: 179579

Ion Ratio Lower Upper

152 100

115 58.2 29.0 87.0

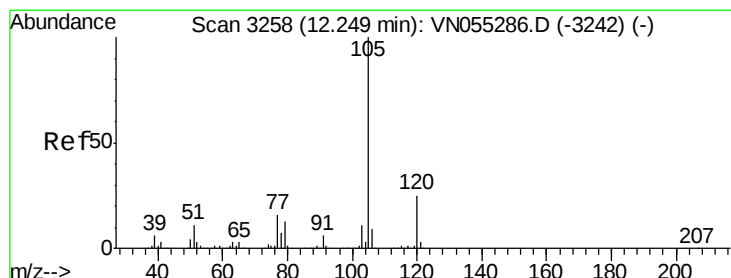
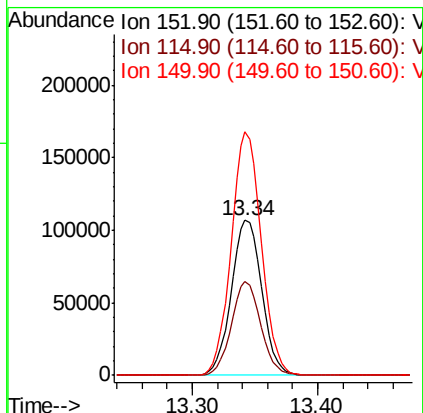
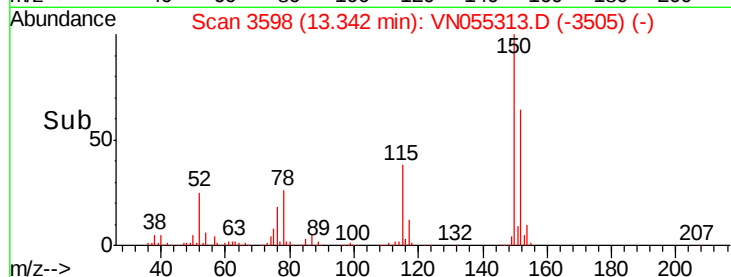
150 155.0 0.0 345.6



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: VN055313.D

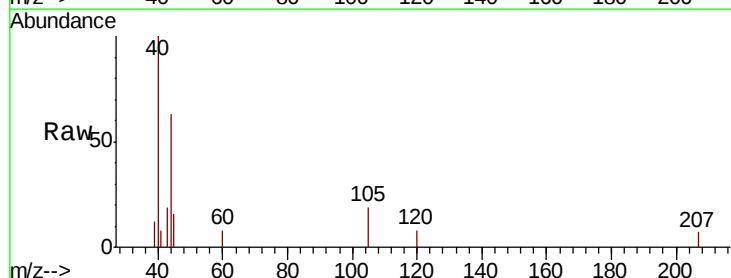
Acq: 30 Apr 2019 17:18

Tgt Ion:105 Resp: 526

Ion Ratio Lower Upper

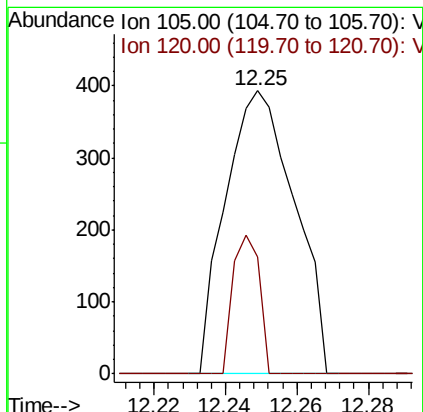
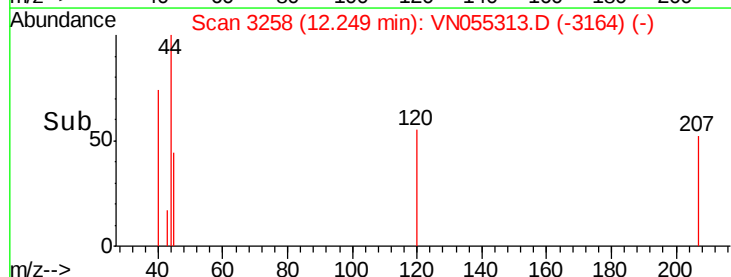
105 100

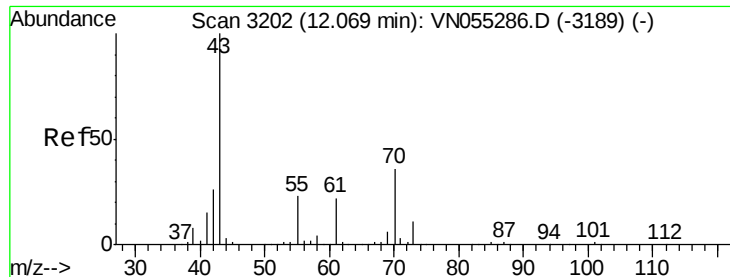
120 18.8 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 3.667 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN055313.D

Acq: 30 Apr 2019 17:18

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 16901

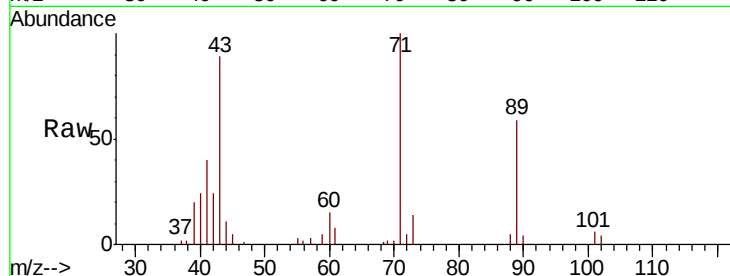
Ion Ratio Lower Upper

43 100

70 1.3 27.9 41.9#

55 4.7 18.2 27.2#

61 10.8 16.9 25.3#

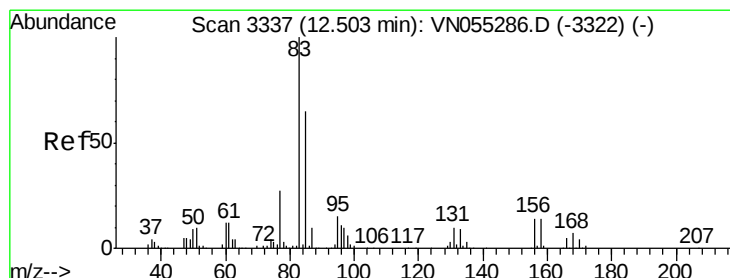
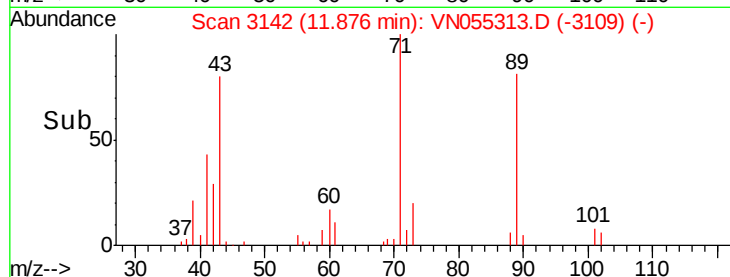
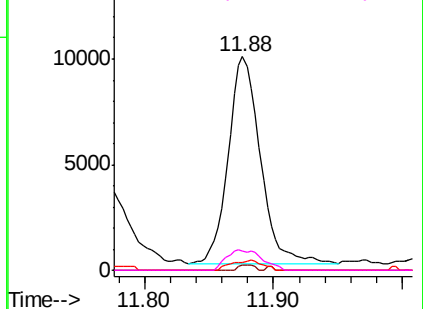


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3305

Delta R.T. -0.10 min

Lab File: VN055313.D

Acq: 30 Apr 2019 17:18

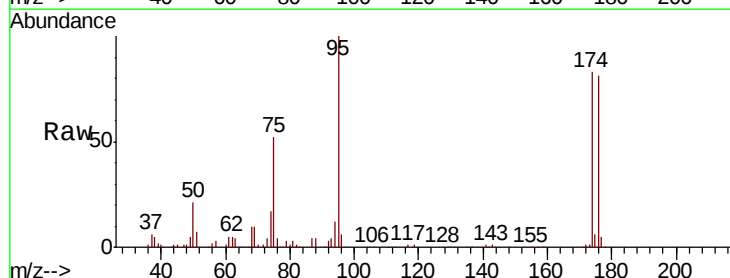
Tgt Ion: 83 Resp: 155

Ion Ratio Lower Upper

83 100

131 263.9 5.1 15.2#

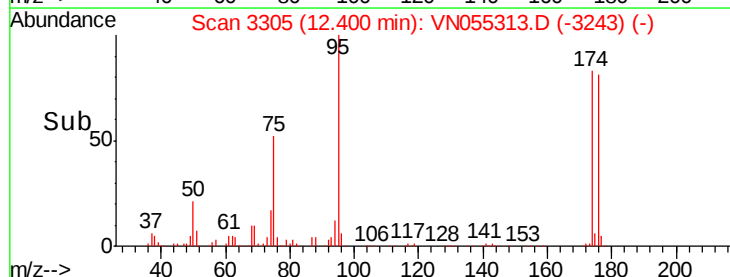
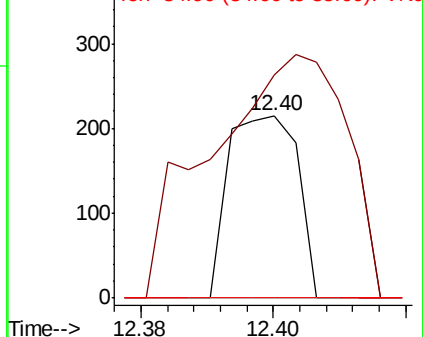
85 0.0 32.3 96.8#

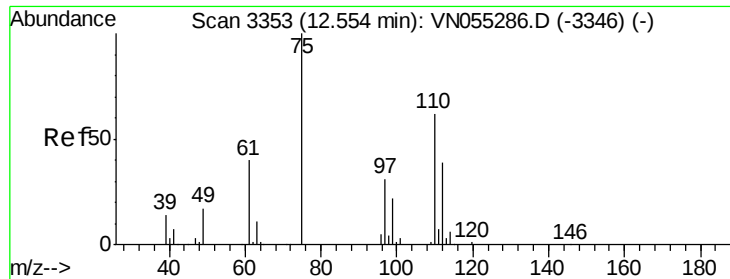


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0

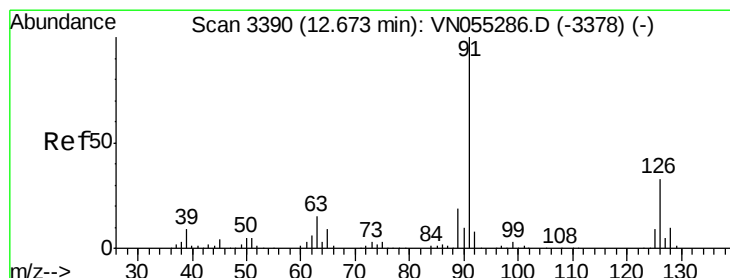
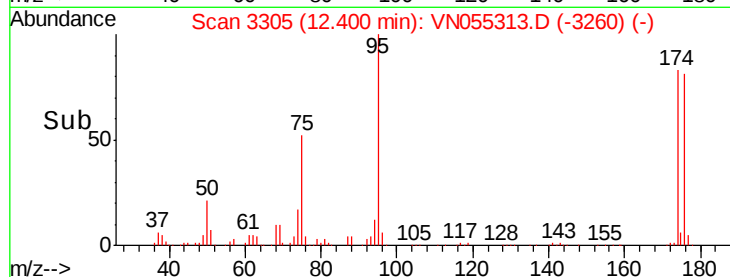
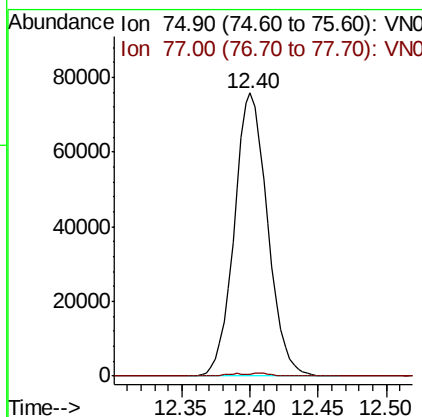
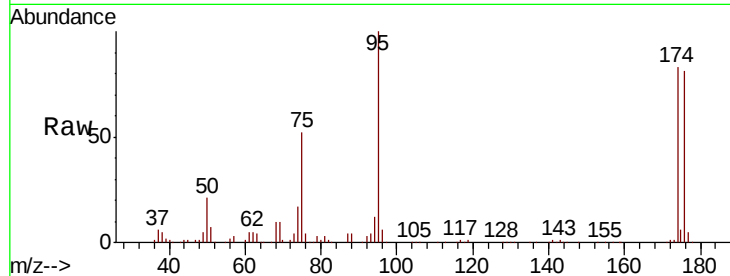




#76
 1,2,3-Trichloropropane
 Concen: 37.696 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN055313.D
 Acq: 30 Apr 2019 17:18

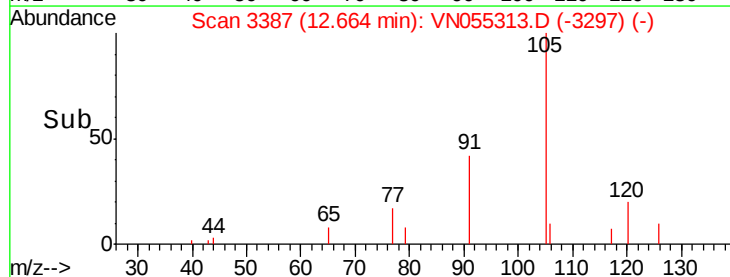
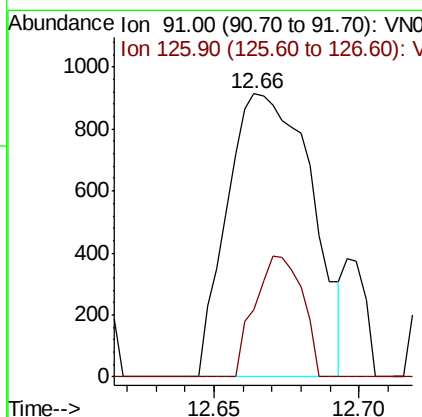
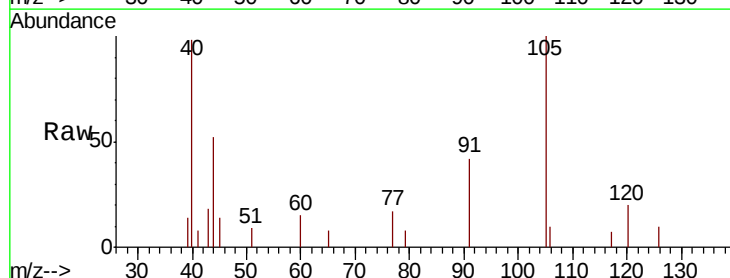
Instrument :
 MSVOA_N
 ClientSampleId :

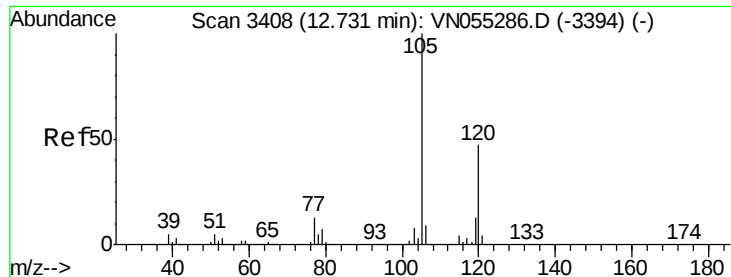
Tot Ion: 75 Resp: 127896
 Ion Ratio Lower Upper
 75 100
 77 0.6 0.0 0.0#



#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.66 min Scan# 3387
 Delta R.T. -0.01 min
 Lab File: VN055313.D
 Acq: 30 Apr 2019 17:18

Tgt Ion: 91 Resp: 1844
 Ion Ratio Lower Upper
 91 100
 126 24.1 16.6 49.7





#80

1,3,5-Trimethylbenzene

Concen: 0.398 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055313.D

Acq: 30 Apr 2019 17:18

Instrument :

MSVOA_N

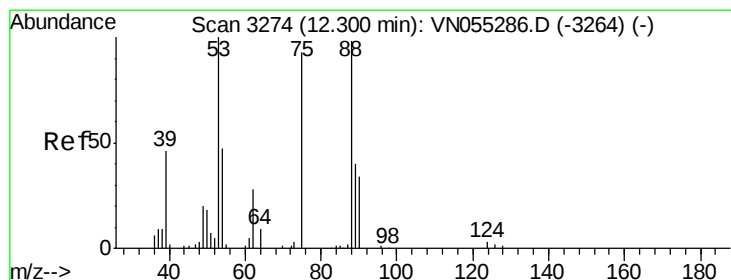
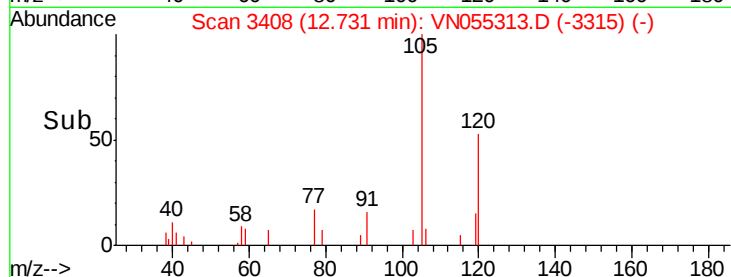
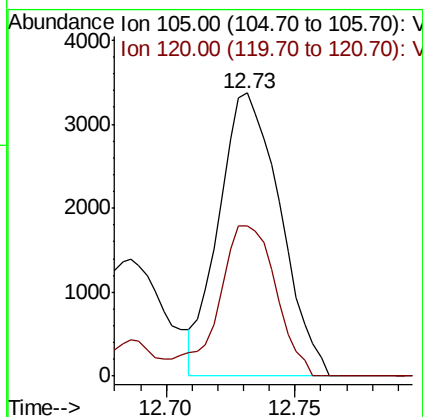
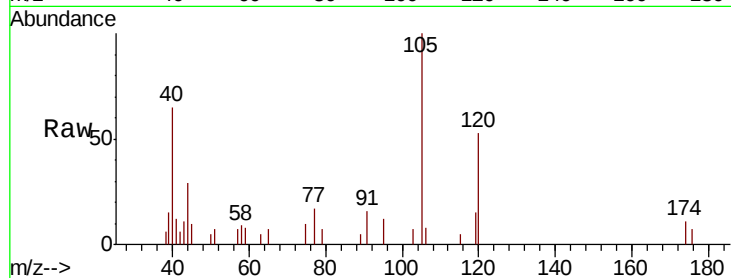
ClientSampleId :

Tot Ion:105 Resp: 5606

Ion Ratio Lower Upper

105 100

120 49.4 23.4 70.0



#81

trans-1,4-Dichloro-2-butene

Concen: 134.967 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055313.D

Acq: 30 Apr 2019 17:18

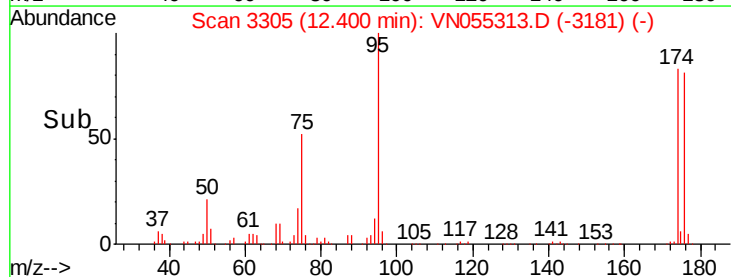
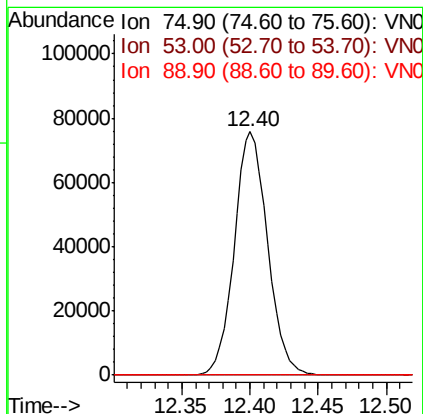
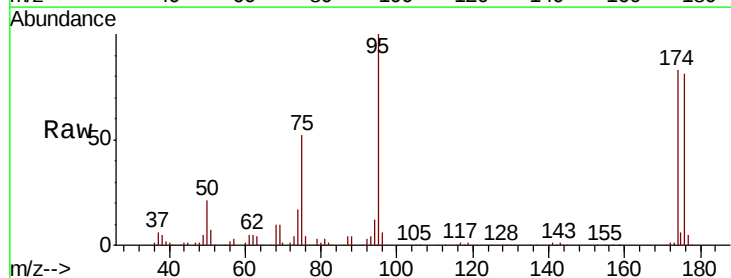
Tgt Ion: 75 Resp: 127896

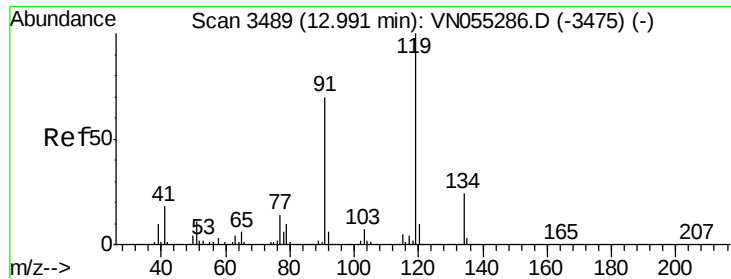
Ion Ratio Lower Upper

75 100

53 0.0 86.3 129.5#

89 0.0 34.6 51.8#

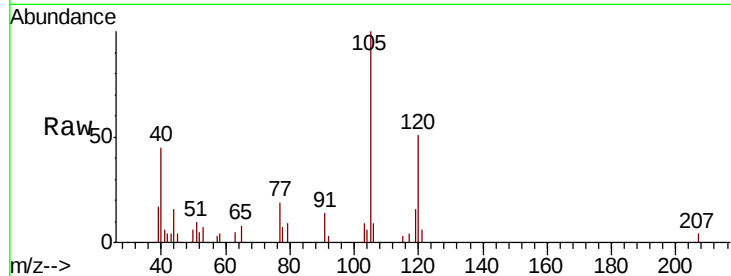




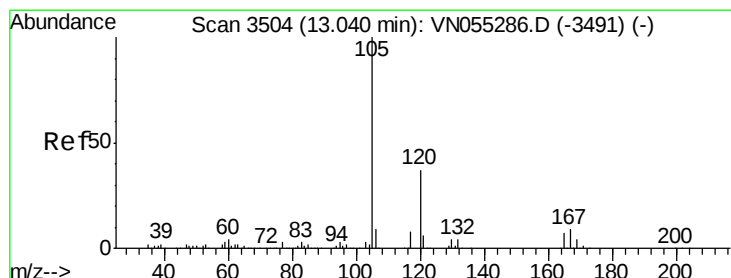
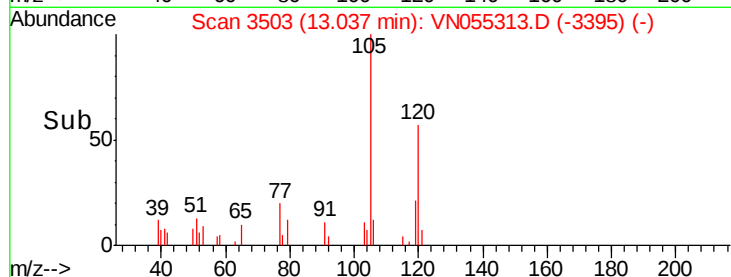
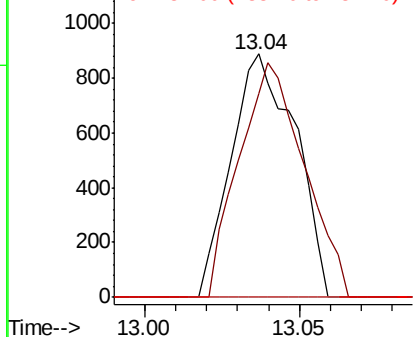
#83
tert-Butylbenzene
Concen: Below Cal
RT: 13.04 min Scan# 3503
Delta R.T. 0.05 min
Lab File: VN055313.D
Acq: 30 Apr 2019 17:18

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 1284
Ion Ratio Lower Upper
119 100
91 97.7 34.3 102.9
134 0.0 13.1 39.3#

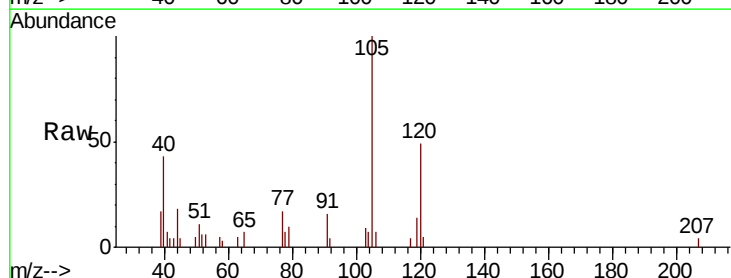


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VN
Ion 134.00 (133.70 to 134.70): V

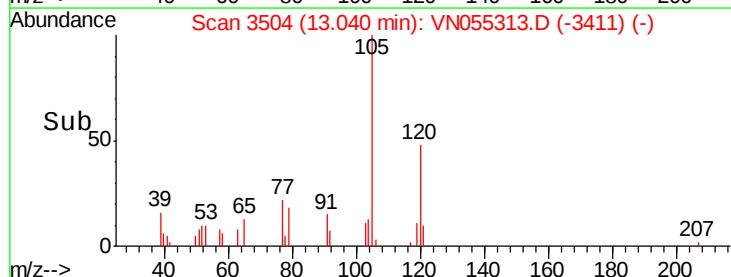
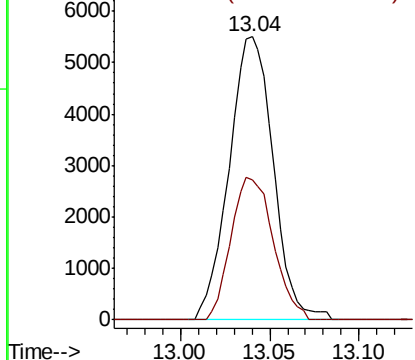


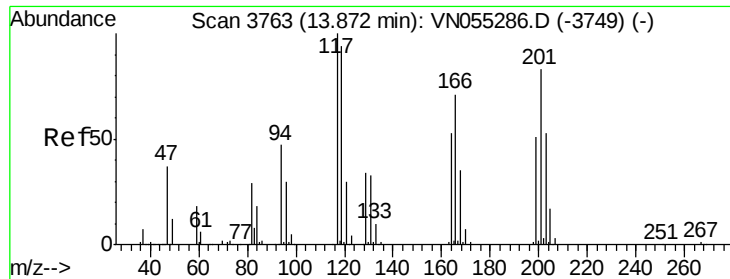
#84
1,2,4-Trimethylbenzene
Concen: 0.751 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055313.D
Acq: 30 Apr 2019 17:18

Tgt Ion:105 Resp: 9454
Ion Ratio Lower Upper
105 100
120 48.1 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#90

Hexachloroethane

Concen: Below Cal

RT: 13.90 min Scan# 3770

Delta R.T. 0.02 min

Lab File: VN055313.D

Acq: 30 Apr 2019 17:18

Instrument :

MSVOA_N

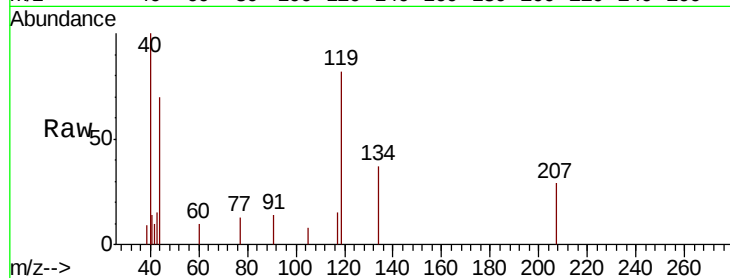
ClientSampled :

Tot Ion:117 Resp: 238

Ion Ratio Lower Upper

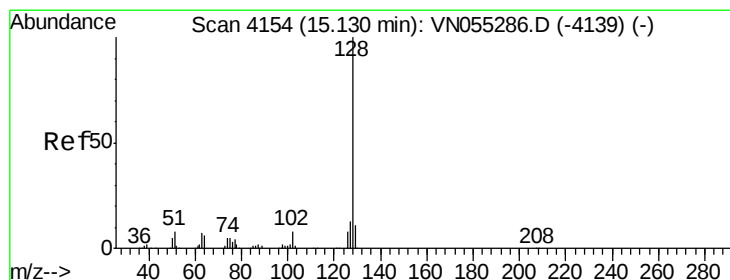
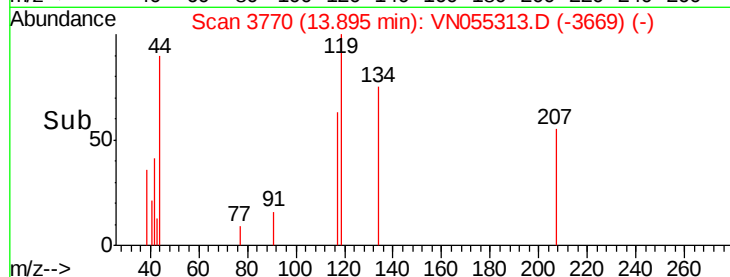
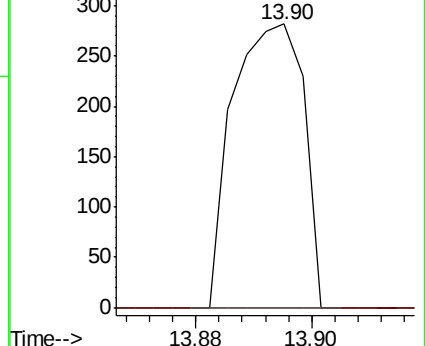
117 100

201 0.0 41.9 125.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 9.722 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055313.D

Acq: 30 Apr 2019 17:18

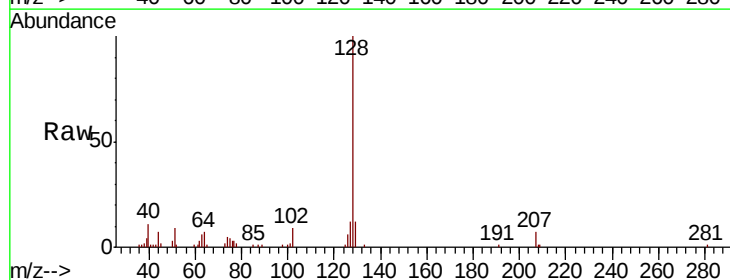
Tgt Ion:128 Resp: 34192

Ion Ratio Lower Upper

128 100

127 12.3 10.7 16.1

129 10.9 8.6 13.0



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

