

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN043019\
 Data File : VN055302.D
 Acq On : 30 Apr 2019 12:38
 Operator : JC/SP
 Sample : PB119311TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 01 05:17:02 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	368183	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	635233	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	575086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	150711	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	253671	52.67	ug/l	0.00
Spiked Amount			Recovery	=	105.34%	
35) Dibromofluoromethane	7.59	113	205181	49.21	ug/l	0.00
Spiked Amount			Recovery	=	98.42%	
50) Toluene-d8	10.09	98	785176	52.15	ug/l	0.00
Spiked Amount			Recovery	=	104.30%	
62) 4-Bromofluorobenzene	12.40	95	239630	50.93	ug/l	0.00
Spiked Amount			Recovery	=	101.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.63	56	101	0.469	ug/l #	14
16) Acetone	3.82	43	16021	10.675	ug/l	93
17) Carbon Disulfide	4.05	76	4280	0.451	ug/l	98
18) Methyl Acetate	4.34	43	4987	0.335	ug/l #	73
20) Methylene Chloride	4.56	84	6272	1.369	ug/l #	91
25) 2-Butanone	6.85	43	1311	0.683	ug/l #	53
31) Cyclohexane	7.67	56	8596	1.135	ug/l #	13
36) 1,1-Dichloropropene	7.66	75	29747	4.889	ug/l #	50
38) Carbon Tetrachloride	7.66	117	35373	6.027	ug/l #	16
41) Methacrylonitrile	7.19	41	232	0.830	ug/l #	36
43) Isopropyl Acetate	8.17	43	17912	2.390	ug/l #	90
45) 1,2-Dichloropropane	9.27	63	1544	0.298	ug/l #	45
48) Methyl methacrylate	9.18	41	9191	2.495	ug/l #	18
51) 4-Methyl-2-Pentanone	9.99	43	6325	1.499	ug/l	100
54) cis-1,3-Dichloropropene	9.91	75	60765	9.255	ug/l #	68
56) Ethyl methacrylate	10.54	69	1404	0.298	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	12117	1.807	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.91	63	548	12.762	ug/l #	52
59) 2-Hexanone	10.76	43	197024	74.631	ug/l #	54
73) Isopropylbenzene	12.25	105	1134	Below Cal	#	71
75) 1,1,2,2-Tetrachloroethane	12.51	83	66	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	122123	43.255	ug/l #	100
77) Bromobenzene	12.52	156	275	Below Cal		78
79) 2-Chlorotoluene	12.78	91	1369	Below Cal		92
80) 1,3,5-Trimethylbenzene	12.73	105	11540	0.977	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	122123	153.560	ug/l #	7
83) tert-Butylbenzene	12.99	119	962	Below Cal	#	76
89) n-Butylbenzene	13.62	91	2308	0.308	ug/l	89
93) 1,2,4-Trichlorobenzene	14.91	180	1269	3.912	ug/l	82
94) Hexachlorobutadiene	15.01	225	820	Below Cal		85
95) Naphthalene	15.14	128	2850	3.963	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.31	180	1304	3.249	ug/l	74

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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

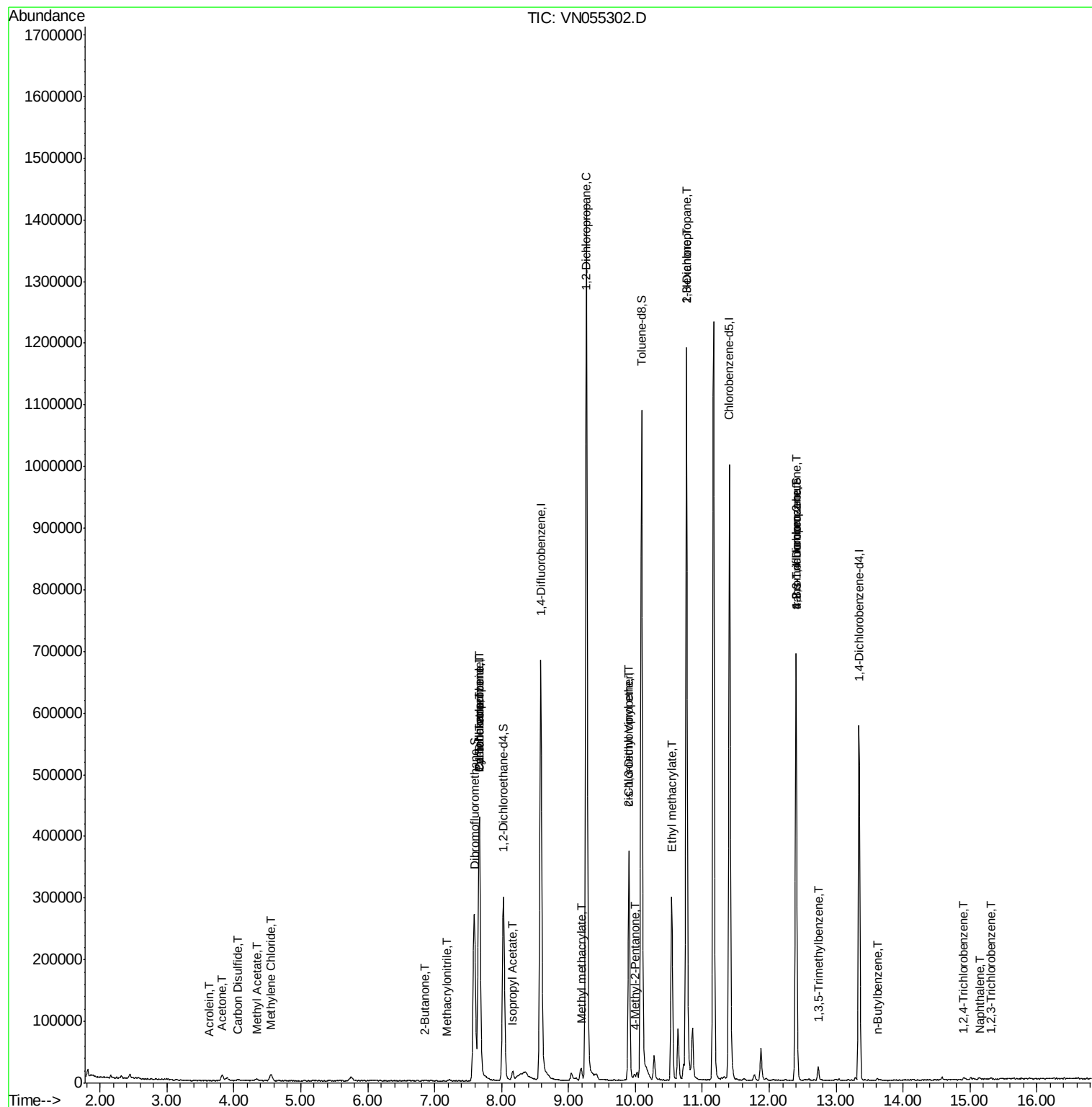
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

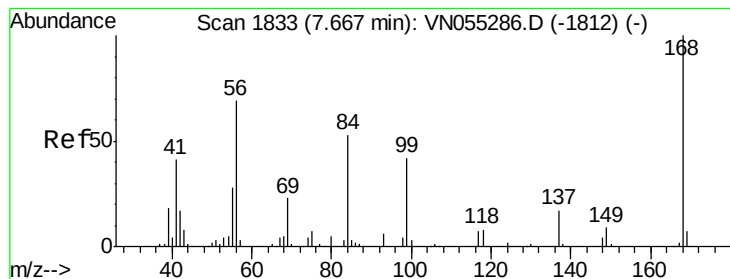
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055302.D

Acq: 30 Apr 2019 12:38

Instrument :

MSVOA_N

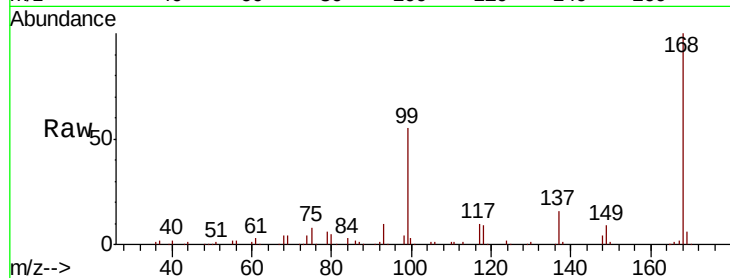
ClientSampled :

Tot Ion:168 Resp: 368183

Ion Ratio Lower Upper

168 100

99 55.3 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

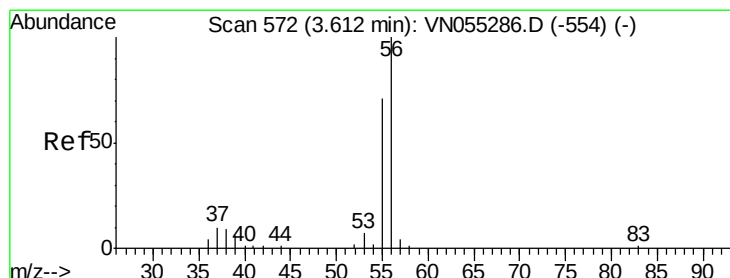
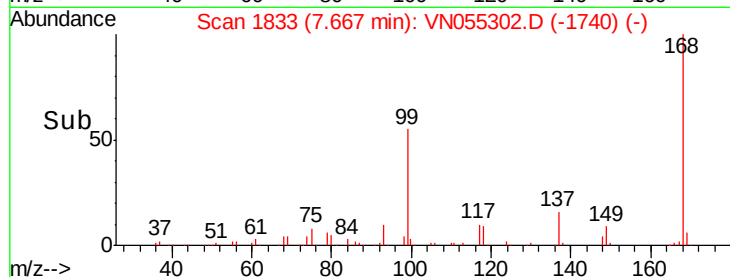
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 0.469 ug/l

RT: 3.63 min Scan# 576

Delta R.T. 0.01 min

Lab File: VN055302.D

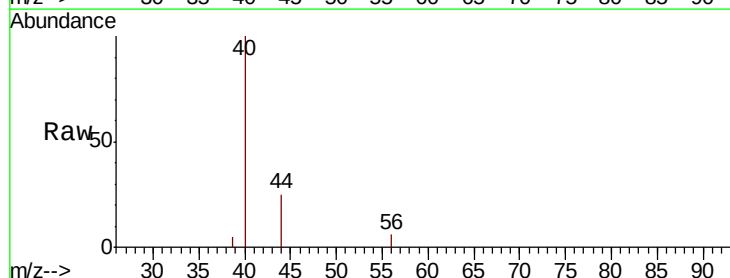
Acq: 30 Apr 2019 12:38

Tgt Ion: 56 Resp: 101

Ion Ratio Lower Upper

56 100

55 0.0 57.4 86.2#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 55.00 (54.70 to 55.70): VN

3.63

200

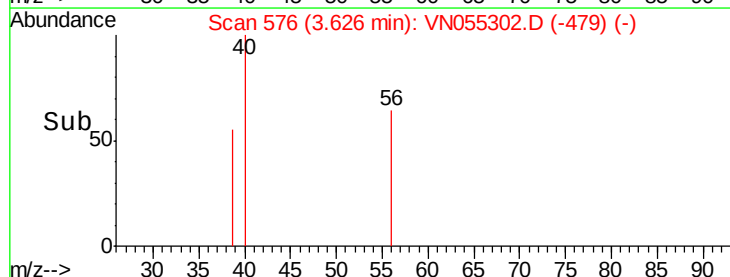
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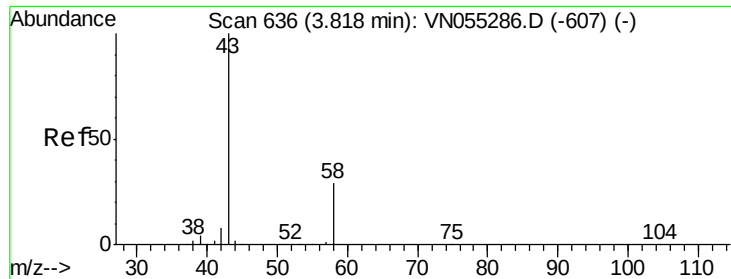
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50

0

Time-->

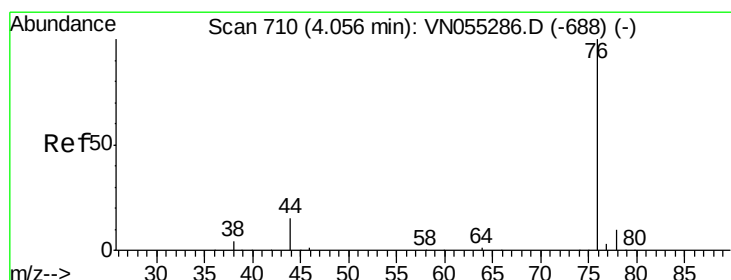
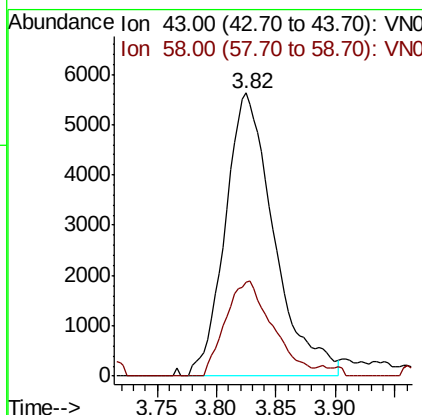
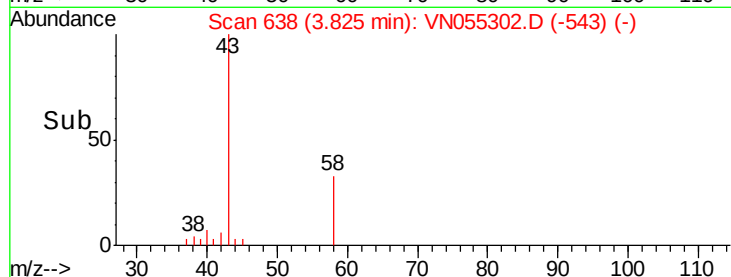
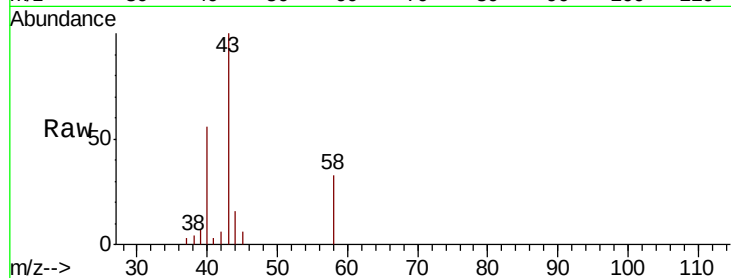




#16
Acetone
Concen: 10.675 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN055302.D
Acq: 30 Apr 2019 12:38

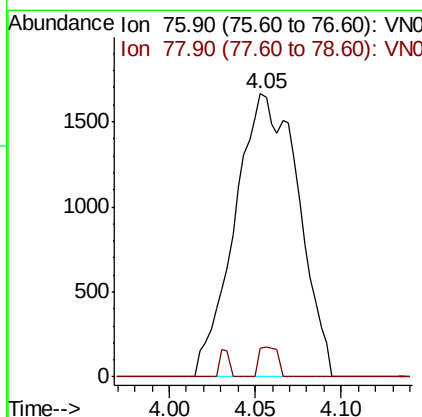
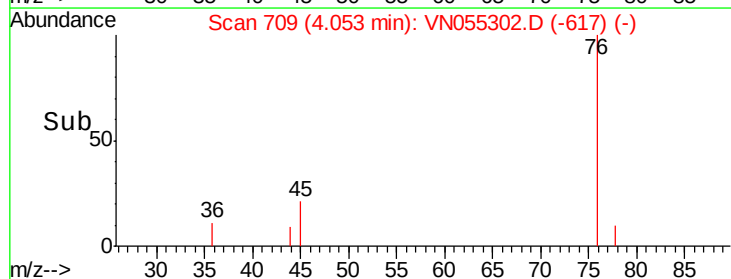
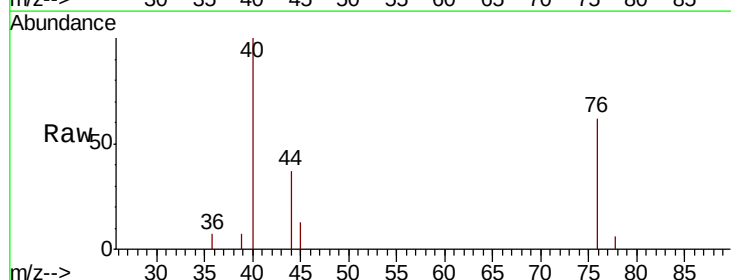
Instrument :
MSVOA_N
ClientSampled :

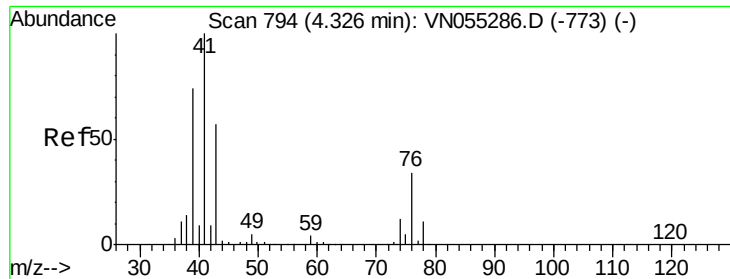
Tot Ion: 43 Resp: 16021
Ion Ratio Lower Upper
43 100
58 33.3 23.6 35.4



#17
Carbon Disulfide
Concen: 0.451 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.00 min
Lab File: VN055302.D
Acq: 30 Apr 2019 12:38

Tgt Ion: 76 Resp: 4280
Ion Ratio Lower Upper
76 100
78 10.3 7.6 11.4

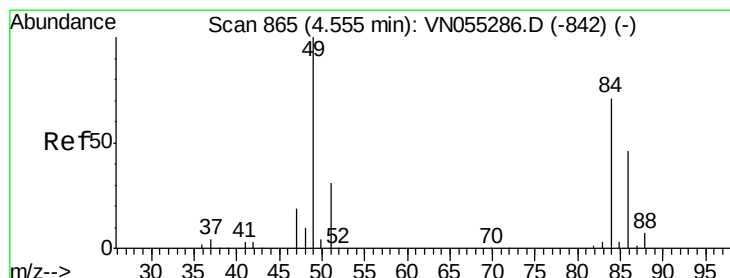
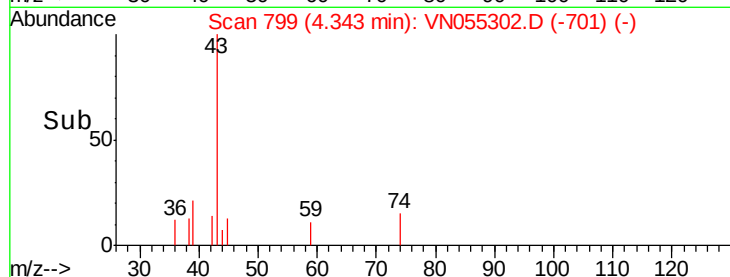
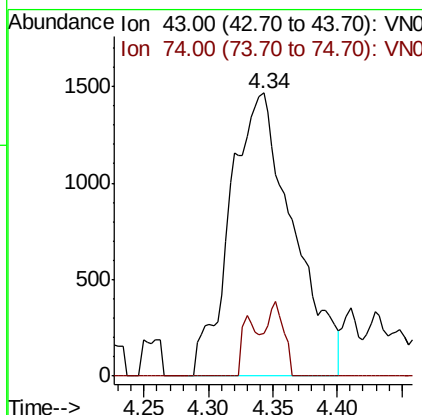
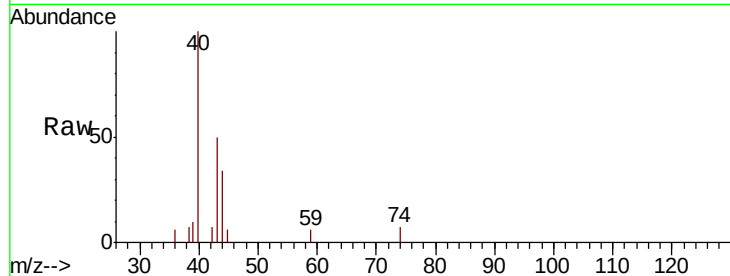




#18
Methyl Acetate
Concen: 0.335 ug/l
RT: 4.34 min Scan# 799
Delta R.T. 0.02 min
Lab File: VN055302.D
Acq: 30 Apr 2019 12:38

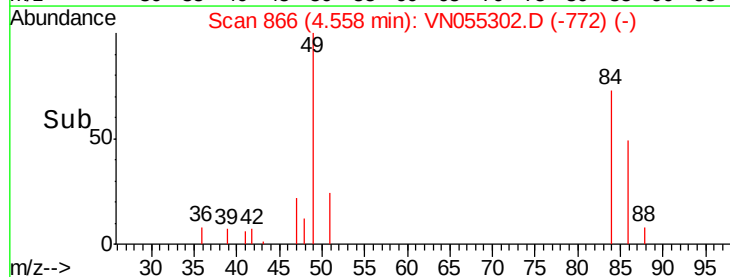
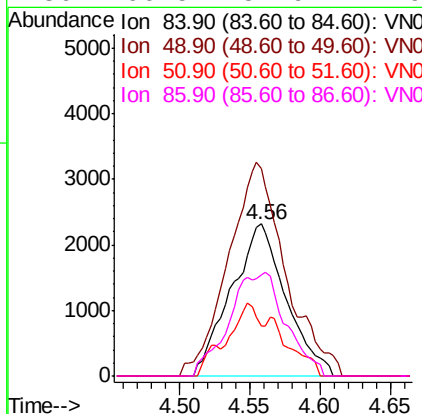
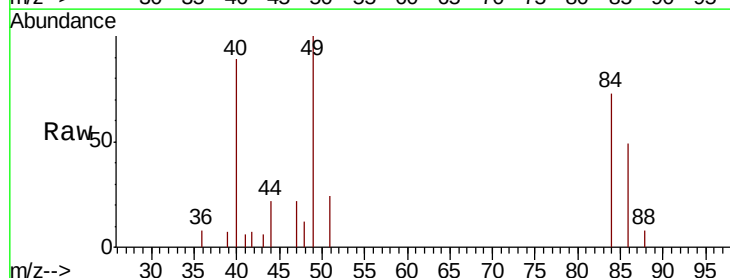
Instrument :
MSVOA_N
ClientSampled :

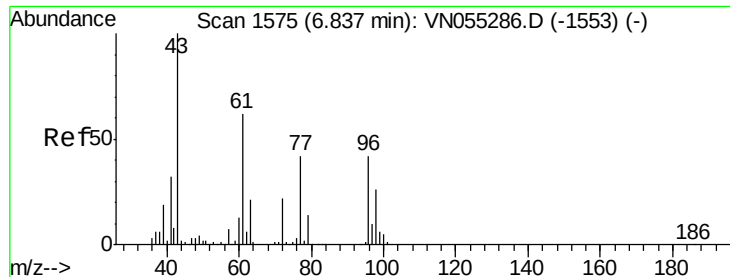
Tot Ion: 43 Resp: 4987
Ion Ratio Lower Upper
43 100
74 7.4 15.8 23.8#



#20
Methylene Chloride
Concen: 1.369 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN055302.D
Acq: 30 Apr 2019 12:38

Tgt Ion: 84 Resp: 6272
Ion Ratio Lower Upper
84 100
49 127.7 112.4 168.6
51 32.9 34.6 51.8#
86 66.5 51.9 77.9

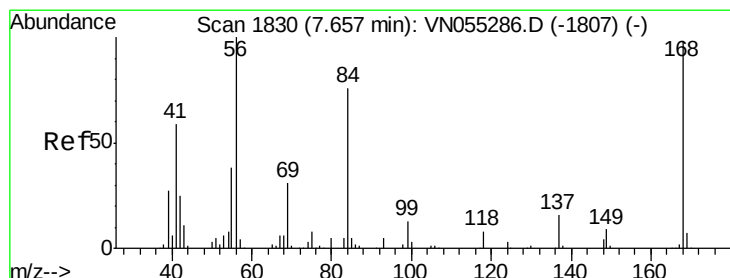
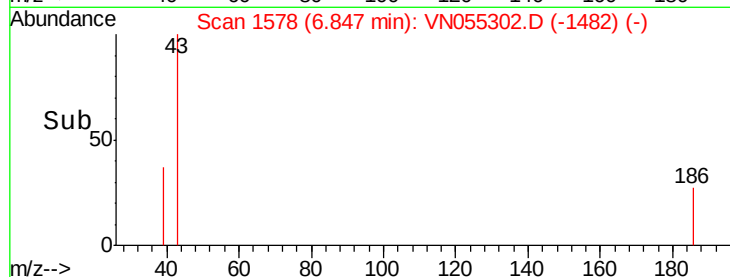
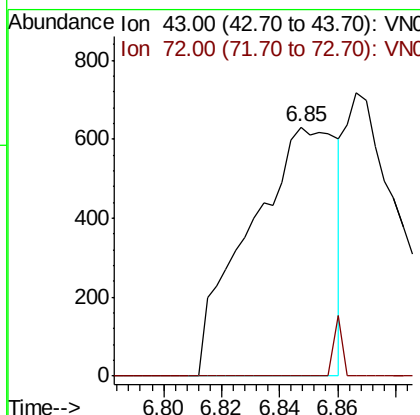
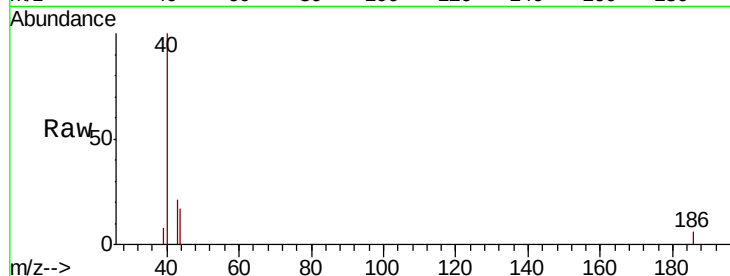




#25
2-Butanone
Concen: 0.683 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN055302.D
Acq: 30 Apr 2019 12:38

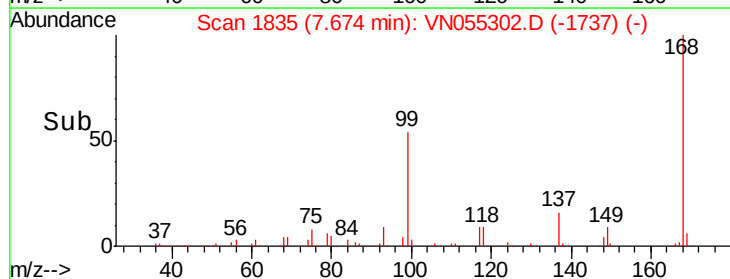
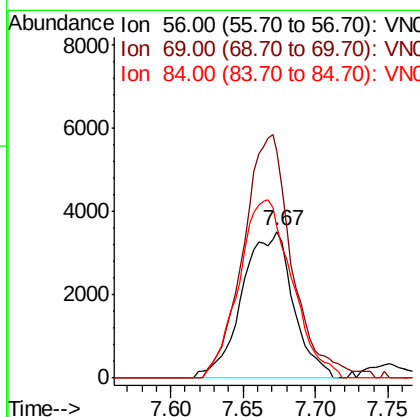
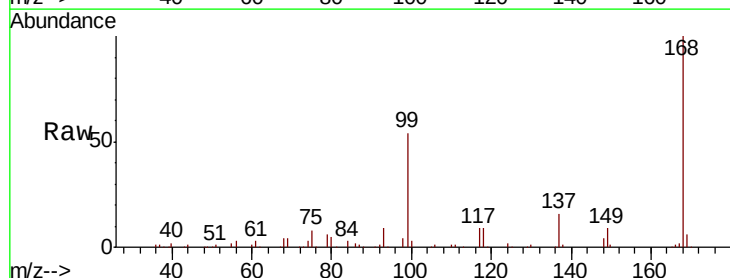
Instrument :
MSVOA_N
ClientSampleId :

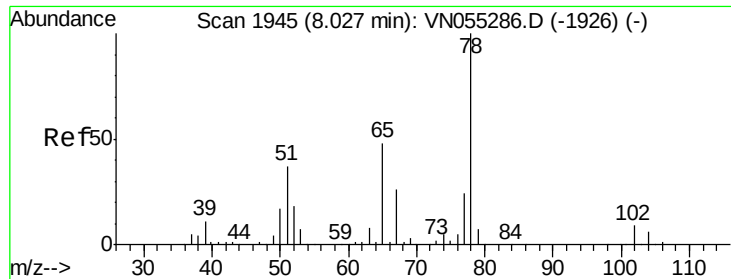
Tot Ion: 43 Resp: 1311
Ion Ratio Lower Upper
43 100
72 0.0 18.0 27.0#



#31
Cyclohexane
Concen: 1.135 ug/l
RT: 7.67 min Scan# 1835
Delta R.T. 0.02 min
Lab File: VN055302.D
Acq: 30 Apr 2019 12:38

Tgt Ion: 56 Resp: 8596
Ion Ratio Lower Upper
56 100
69 154.9 25.2 37.8#
84 103.5 61.1 91.7#

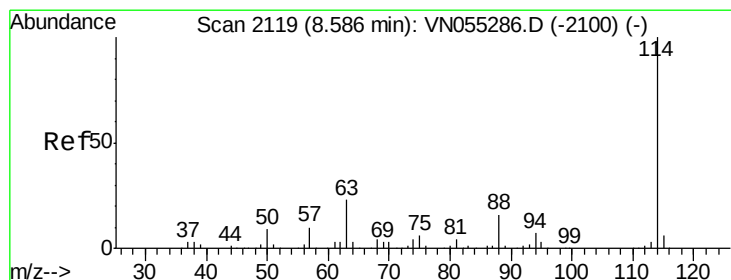
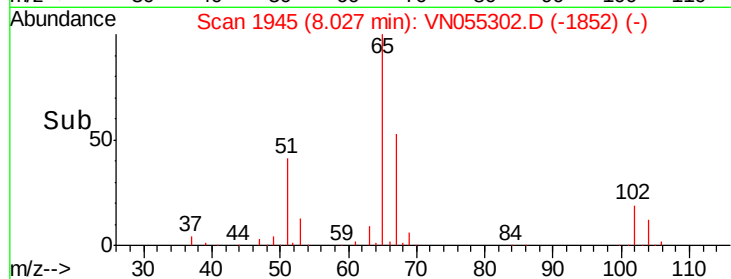
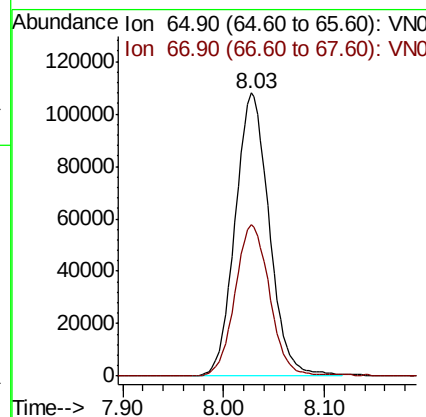
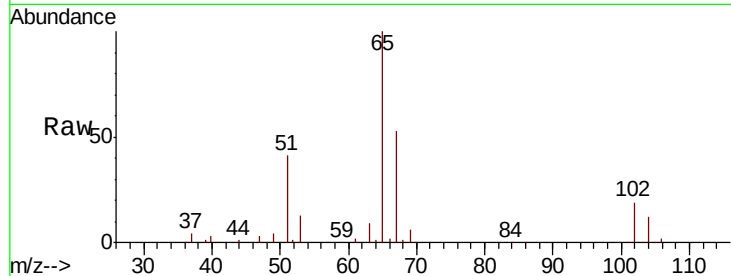




#33
 1,2-Dichloroethane-d4
 Concen: 52.665 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055302.D
 Acq: 30 Apr 2019 12:38

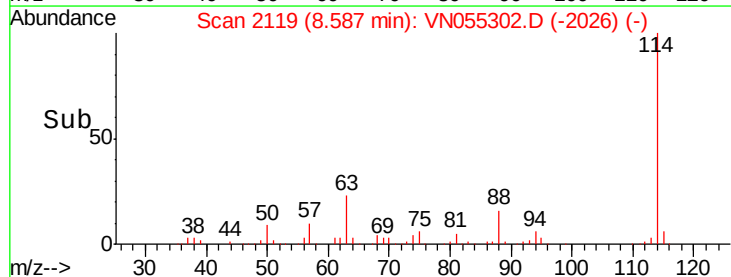
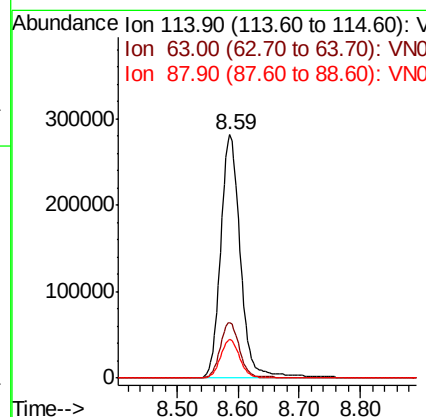
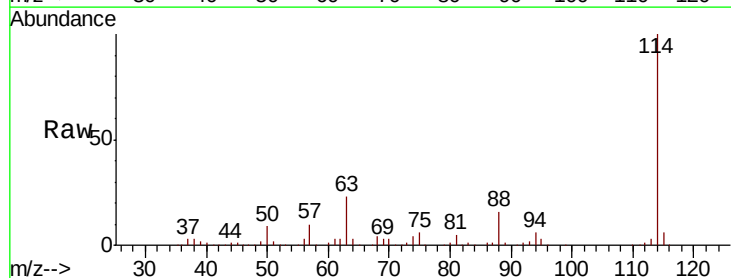
Instrument :
 MSVOA_N
 ClientSampled :

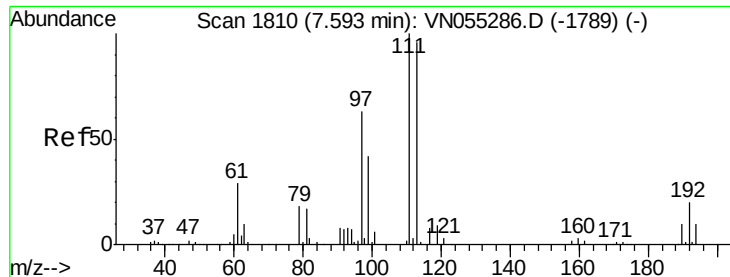
Tot Ion: 65 Resp: 253671
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055302.D
 Acq: 30 Apr 2019 12:38

Tgt Ion: 114 Resp: 635233
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 45.2
 88 16.1 0.0 31.6

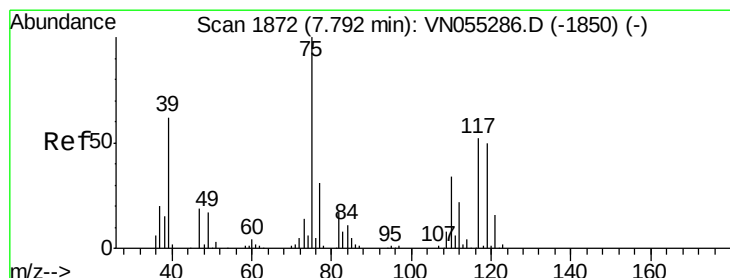
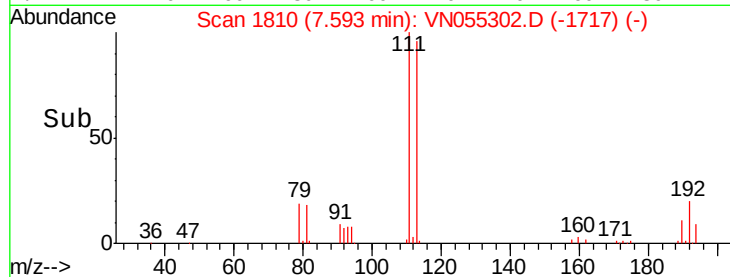
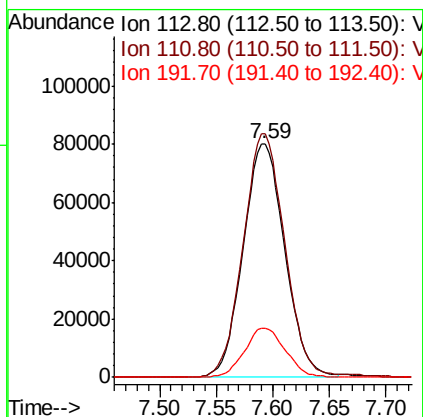
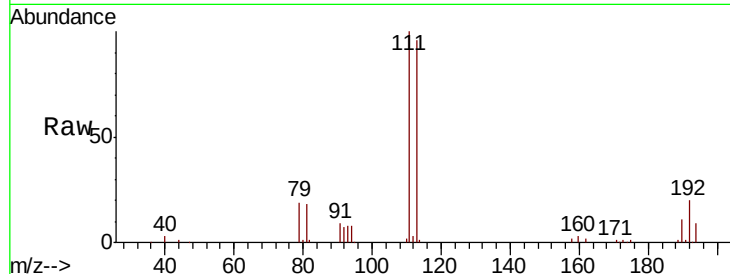




#35
 Dibromofluoromethane
 Concen: 49.210 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055302.D
 Acq: 30 Apr 2019 12:38

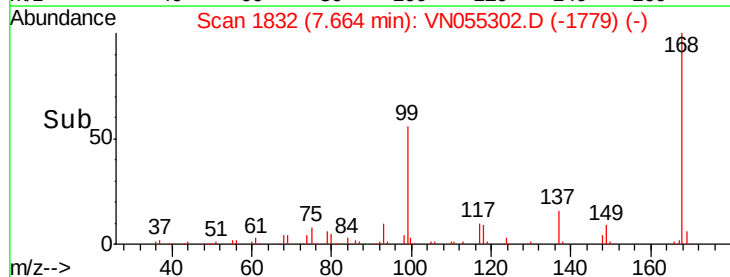
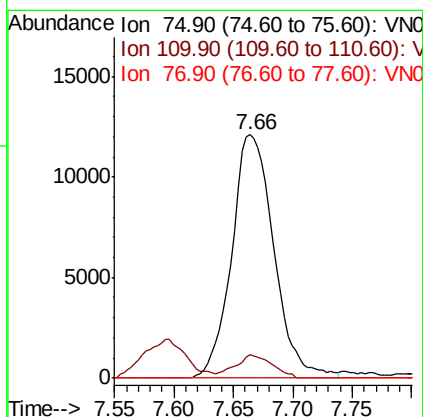
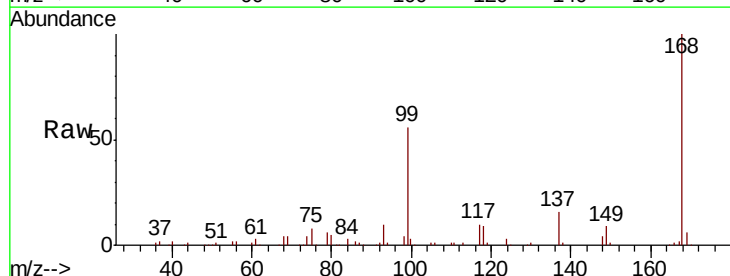
Instrument :
 MSVOA_N
 ClientSampled :

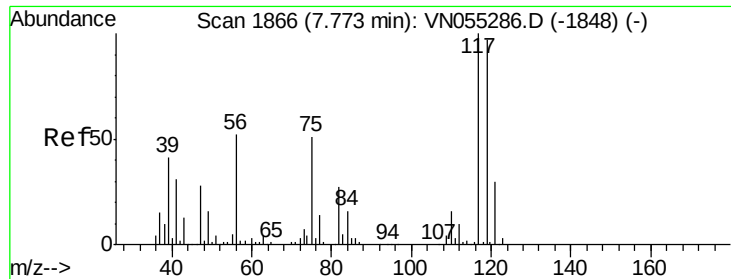
Tot Ion:113 Resp: 205181
 Ion Ratio Lower Upper
 113 100
 111 104.9 82.3 123.5
 192 20.7 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 4.889 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055302.D
 Acq: 30 Apr 2019 12:38

Tgt Ion: 75 Resp: 29747
 Ion Ratio Lower Upper
 75 100
 110 8.4 16.8 50.4#
 77 0.0 25.0 37.6#

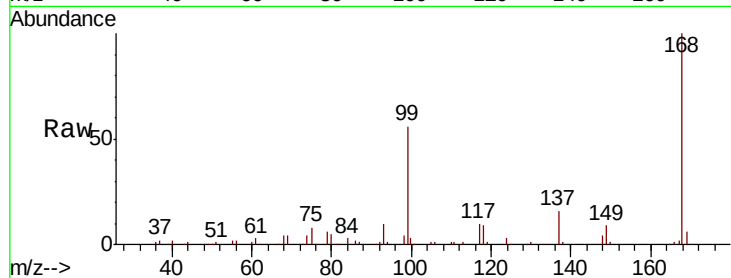




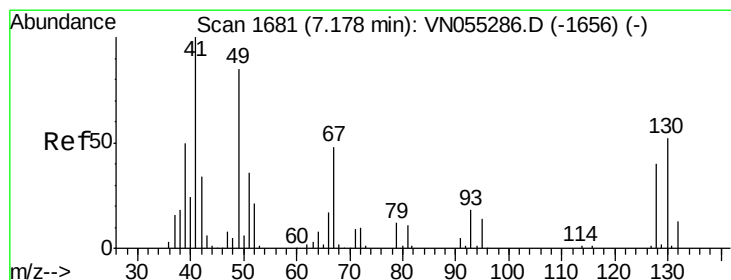
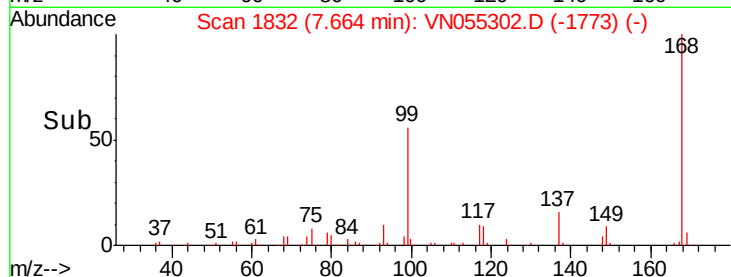
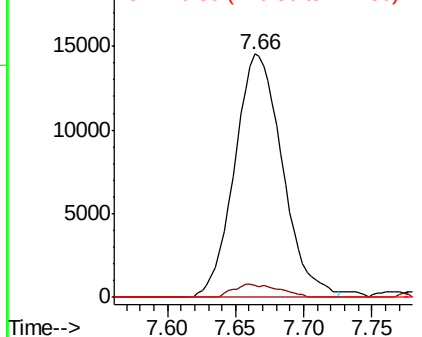
#38
Carbon Tetrachloride
Concen: 6.027 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN055302.D
Acq: 30 Apr 2019 12:38

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 35373
Ion Ratio Lower Upper
117 100
119 5.0 77.0 115.6#
121 0.0 23.8 35.8#

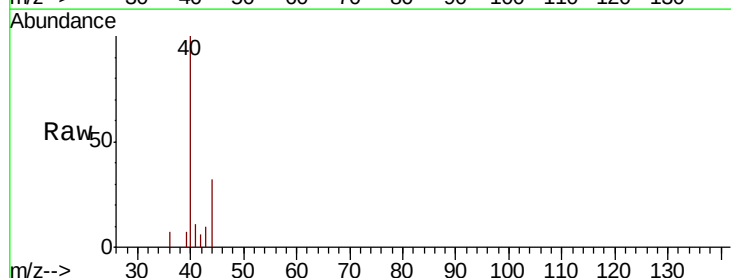


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

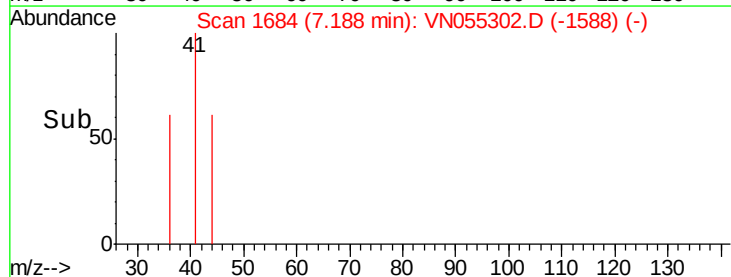
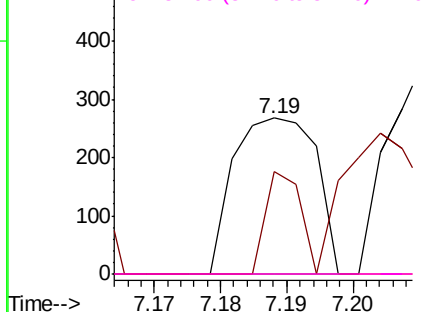


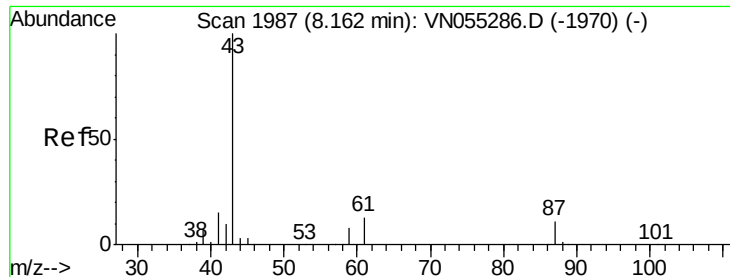
#41
Methacrylonitrile
Concen: 0.830 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VN055302.D
Acq: 30 Apr 2019 12:38

Tgt Ion: 41 Resp: 232
Ion Ratio Lower Upper
41 100
39 27.6 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: 2.390 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055302.D

Acq: 30 Apr 2019 12:38

Instrument :

MSVOA_N

ClientSampleId :

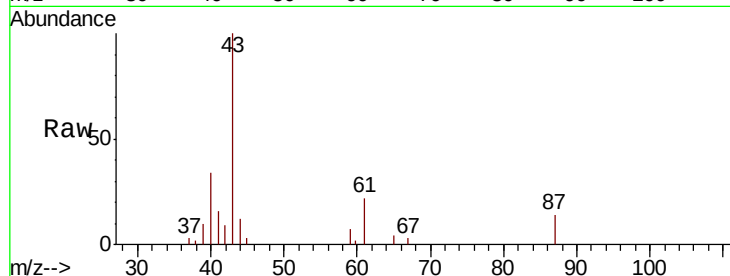
Tot Ion: 43 Resp: 17912

Ion Ratio Lower Upper

43 100

61 19.6 20.8 31.2#

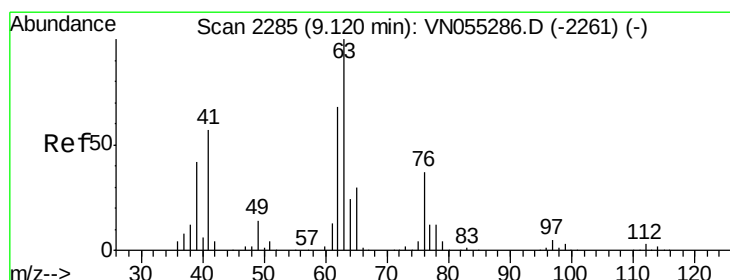
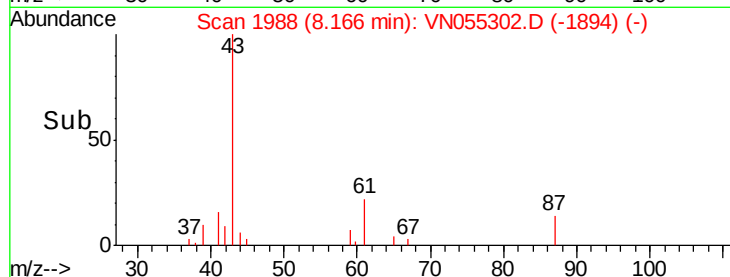
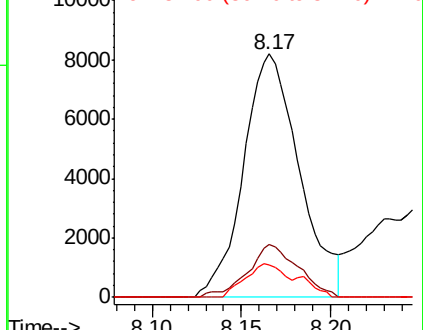
87 9.7 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.298 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN055302.D

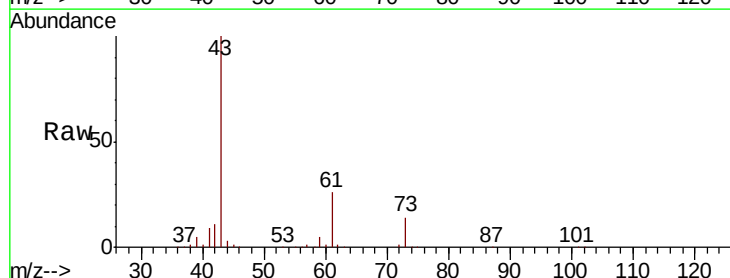
Acq: 30 Apr 2019 12:38

Tgt Ion: 63 Resp: 1544

Ion Ratio Lower Upper

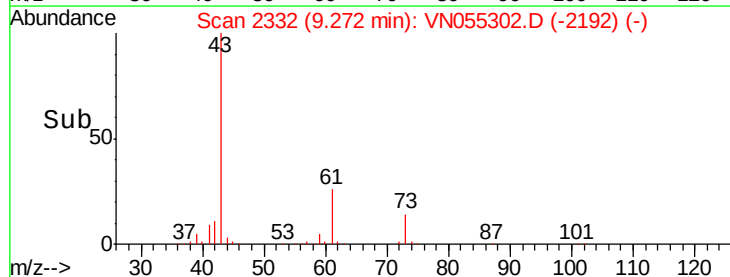
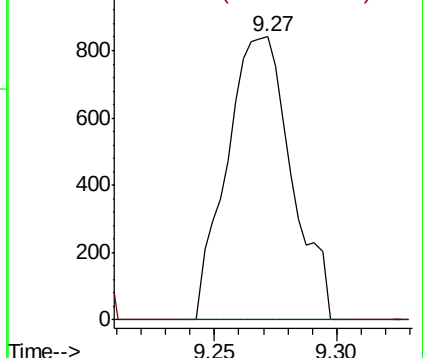
63 100

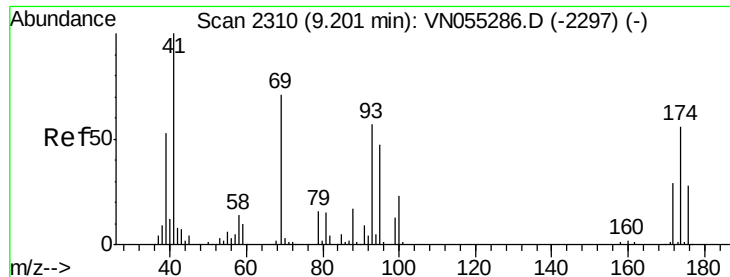
65 0.0 23.9 35.9#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

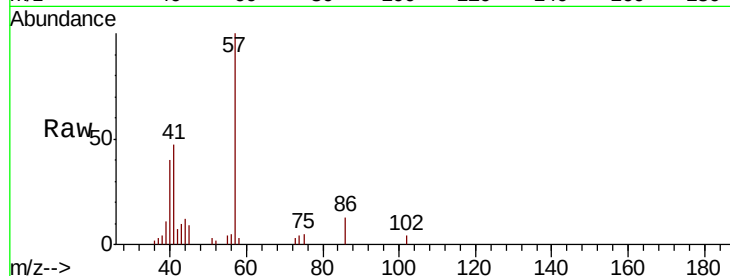




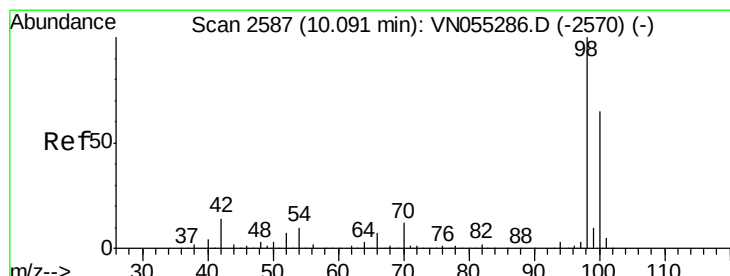
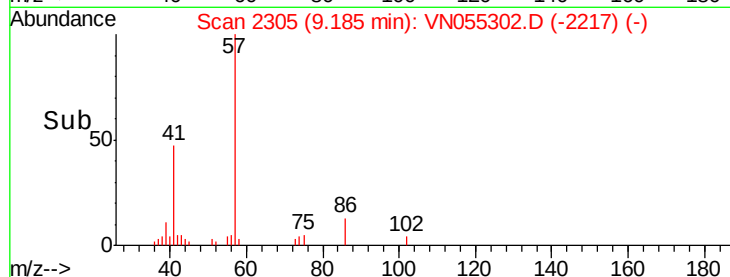
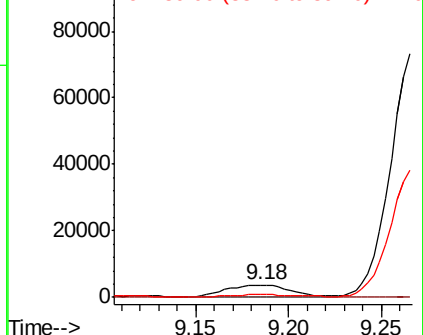
#48
Methvl methacrylate
Concen: 2.495 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN055302.D
Acq: 30 Apr 2019 12:38

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 9191
Ion Ratio Lower Upper
41 100
69 0.0 58.6 87.8#
39 0.0 43.8 65.6#

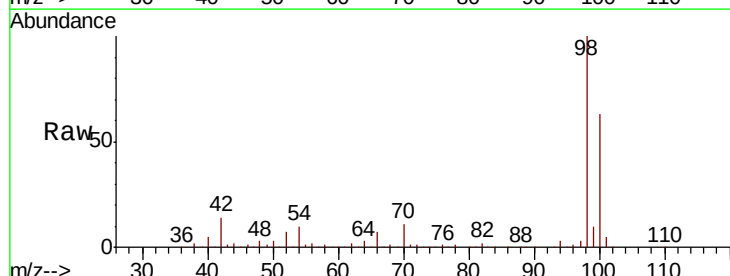


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

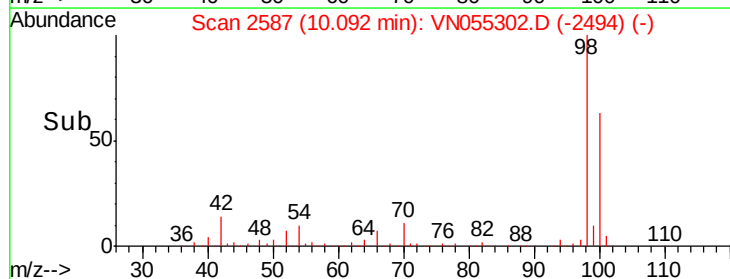
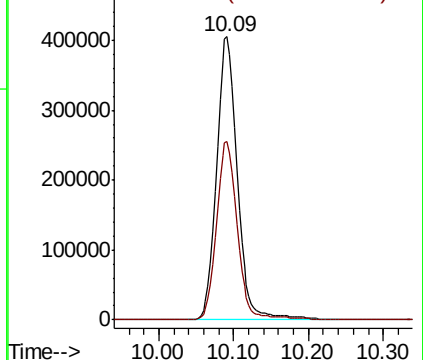


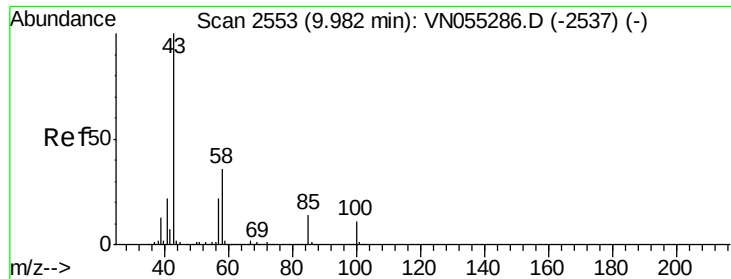
#50
Toluene-d8
Concen: 52.152 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055302.D
Acq: 30 Apr 2019 12:38

Tgt Ion: 98 Resp: 785176
Ion Ratio Lower Upper
98 100
100 63.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

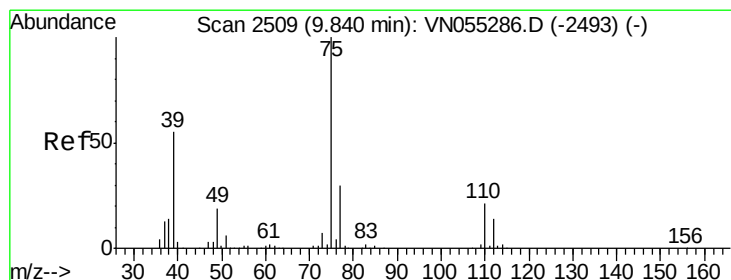
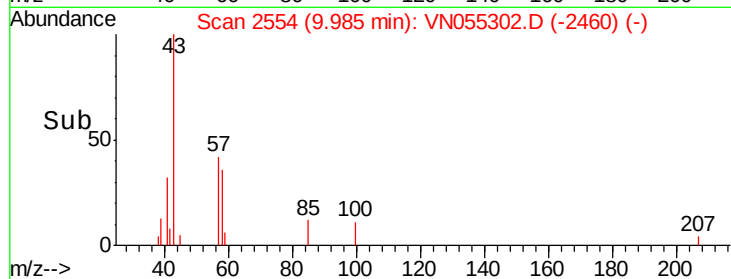
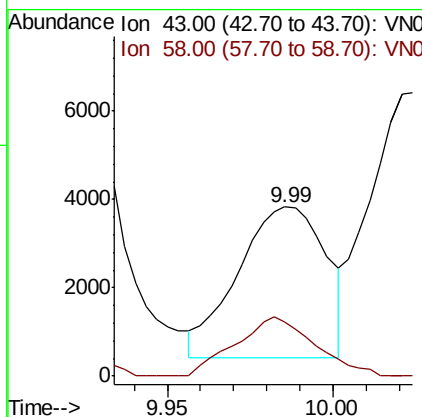
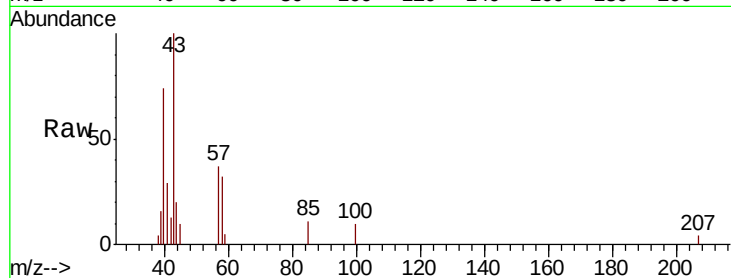




#51
 4-Methyl-2-Pentanone
 Concen: 1.499 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN055302.D
 Acq: 30 Apr 2019 12:38

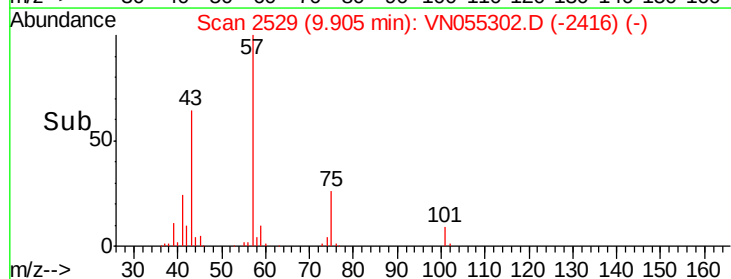
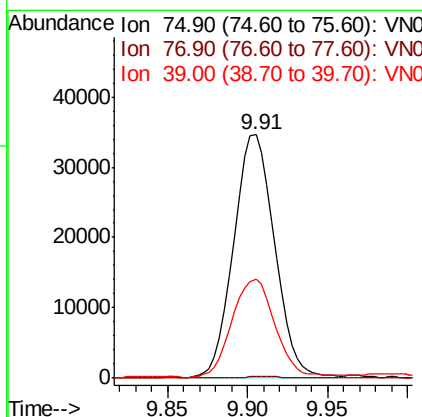
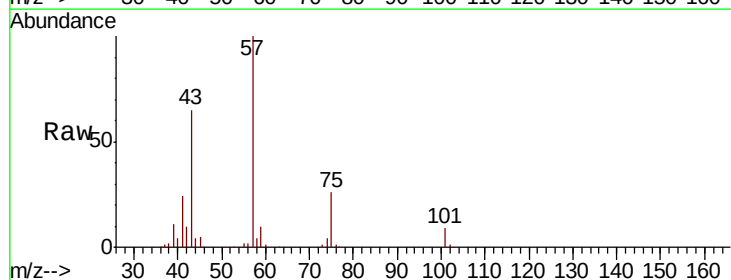
Instrument :
 MSVOA_N
 ClientSampleId :

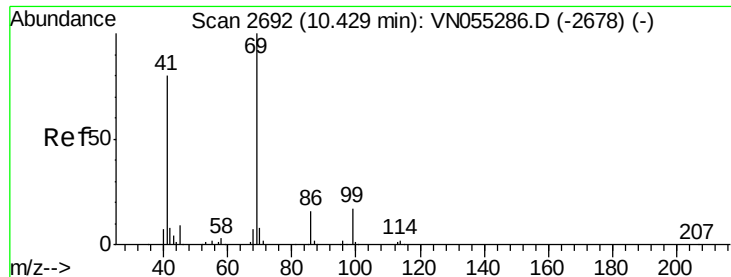
Tot Ion: 43 Resp: 6325
 Ion Ratio Lower Upper
 43 100
 58 35.4 28.5 42.7



#54
 cis-1,3-Dichloropropene
 Concen: 9.255 ug/l
 RT: 9.91 min Scan# 2529
 Delta R.T. 0.06 min
 Lab File: VN055302.D
 Acq: 30 Apr 2019 12:38

Tgt Ion: 75 Resp: 60765
 Ion Ratio Lower Upper
 75 100
 77 0.6 24.2 36.2#
 39 40.7 44.2 66.2#





#56

Ethyl methacrylate

Concen: 0.298 ug/l

RT: 10.54 min Scan# 2728

Delta R.T. 0.12 min

Lab File: VN055302.D

Acq: 30 Apr 2019 12:38

Instrument :

MSVOA_N

ClientSampleId :

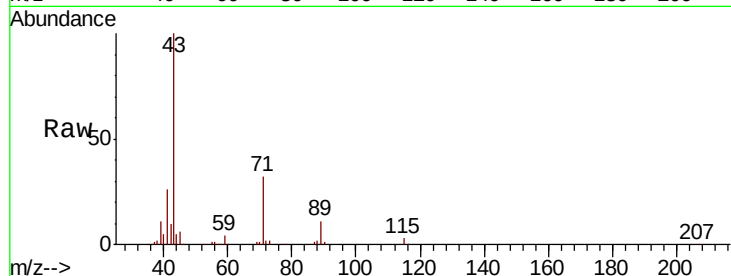
Tot Ion: 69 Resp: 1404

Ion Ratio Lower Upper

69 100

41 4392.4 62.7 94.1#

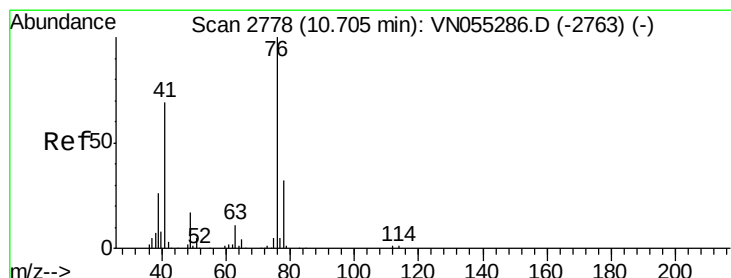
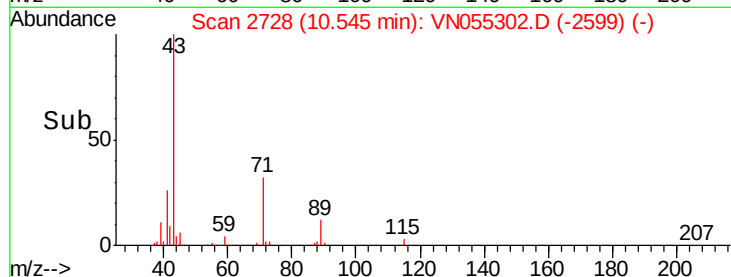
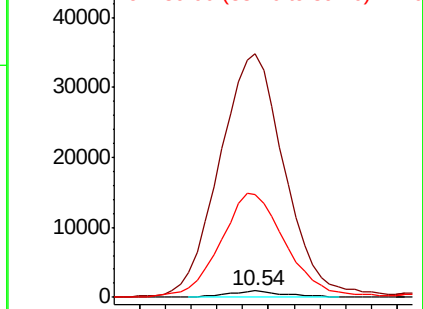
39 1871.5 32.0 48.0#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 1.807 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN055302.D

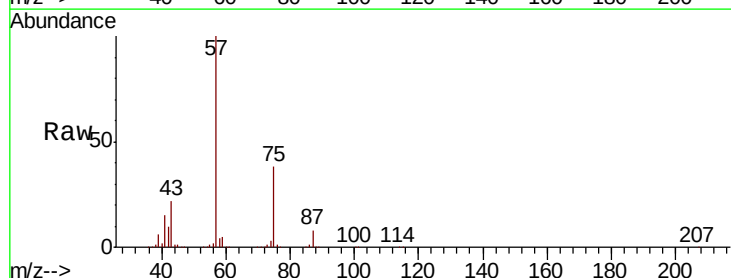
Acq: 30 Apr 2019 12:38

Tgt Ion: 76 Resp: 12117

Ion Ratio Lower Upper

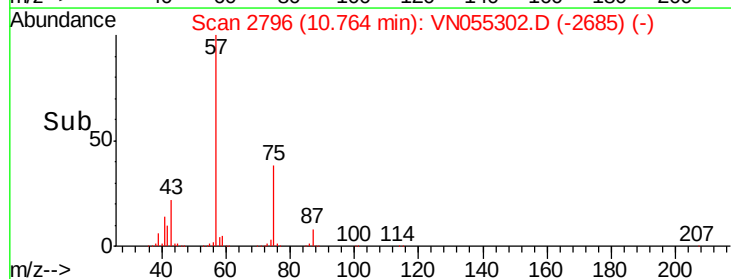
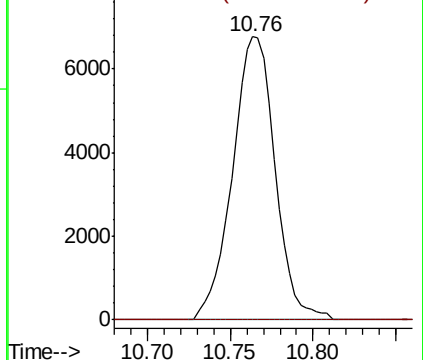
76 100

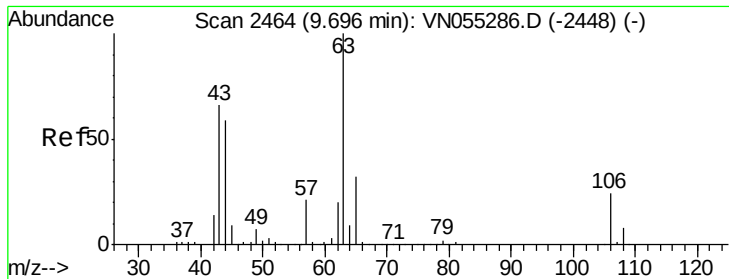
78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0





#58

2-Chloroethyl Vinyl ether

Concen: 12.762 ug/l

RT: 9.91 min Scan# 2531

Delta R.T. 0.22 min

Lab File: VN055302.D

Acq: 30 Apr 2019 12:38

Instrument :

MSVOA_N

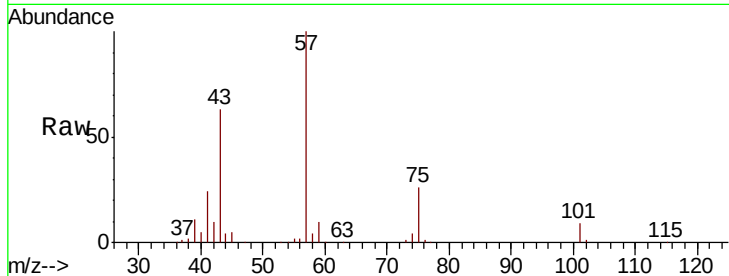
ClientSampleId :

Tot Ion: 63 Resp: 548

Ion Ratio Lower Upper

63 100

106 0.0 19.0 28.4#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): VN0

9.91

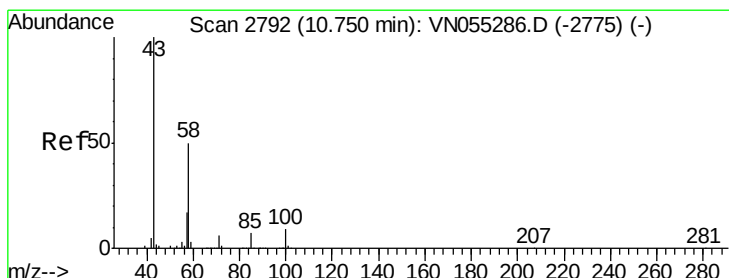
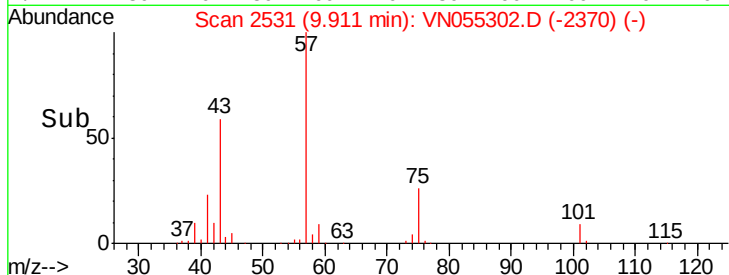
300

200

100

0

Time-->



#59

2-Hexanone

Concen: 74.631 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN055302.D

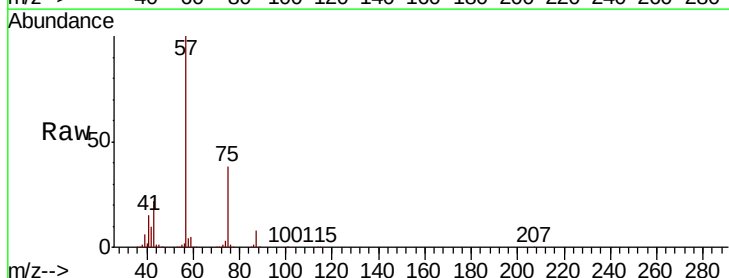
Acq: 30 Apr 2019 12:38

Tgt Ion: 43 Resp: 197024

Ion Ratio Lower Upper

43 100

58 18.0 24.9 74.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

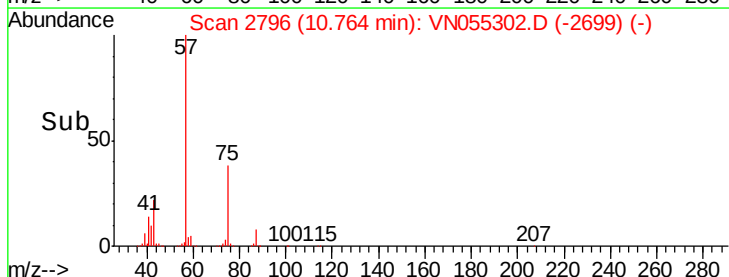
10.76

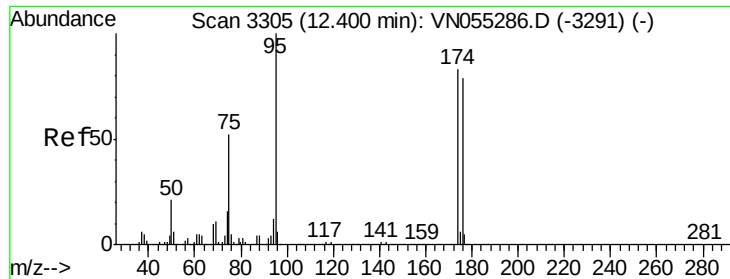
100000

50000

0

Time-->

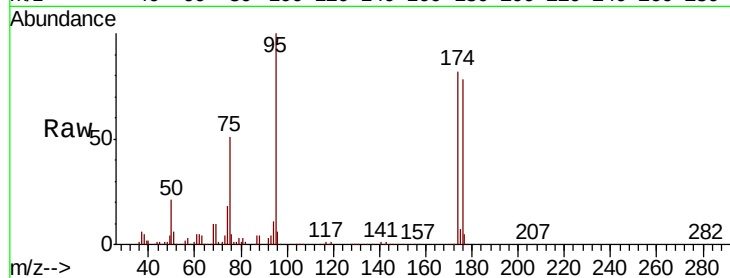




#62
4-Bromofluorobenzene
Concen: 50.927 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055302.D
Acq: 30 Apr 2019 12:38

Instrument :
MSVOA_N
ClientSampleId :

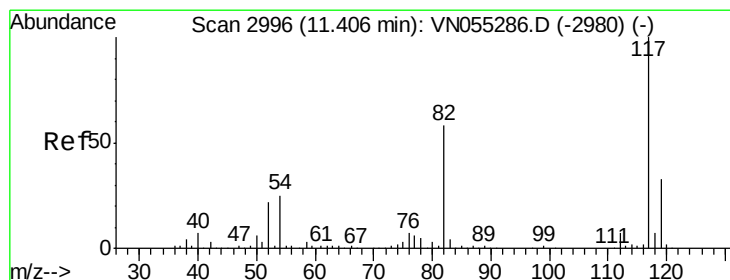
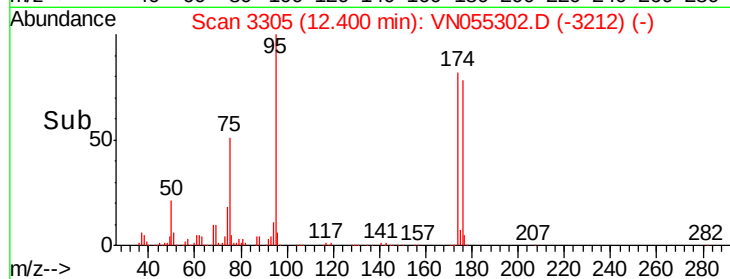
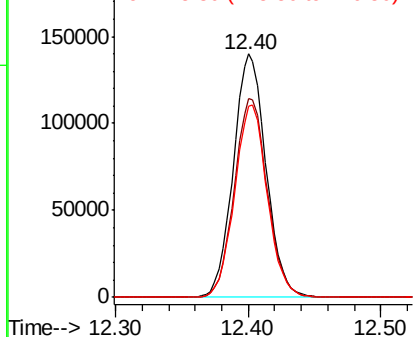
Tot Ion	Ratio	Lower	Upper
95	100		
174	82.6	0.0	166.6
176	79.0	0.0	157.8



Abundance Ion 94.90 (94.60 to 95.60): VN055302.D (-2903) (-)

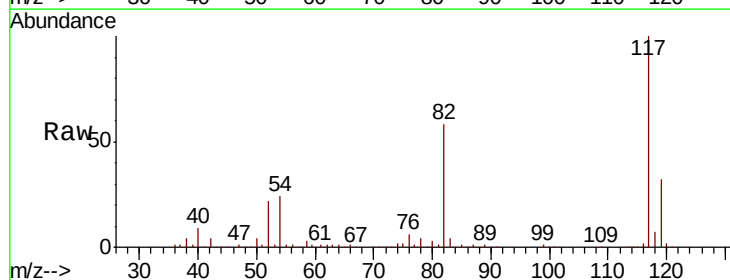
Ion 173.80 (173.50 to 174.50): VN055302.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN055302.D (-2903) (-)



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055302.D
Acq: 30 Apr 2019 12:38

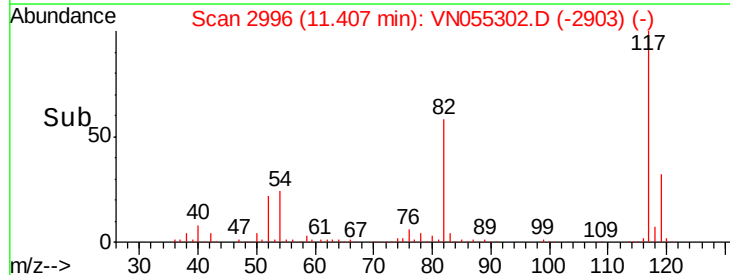
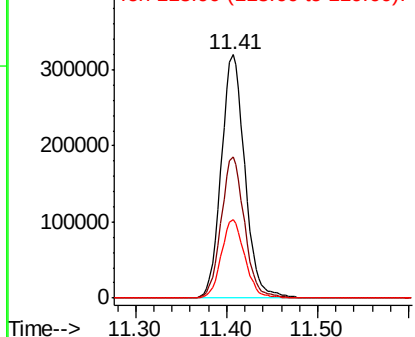
Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.9	46.2	69.4
119	32.0	26.6	40.0

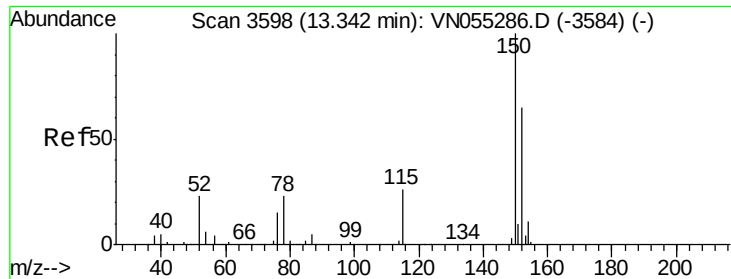


Abundance Ion 116.90 (116.60 to 117.60): VN055302.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055302.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055302.D (-2903) (-)

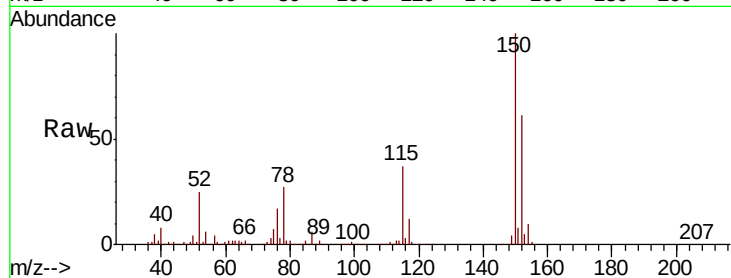




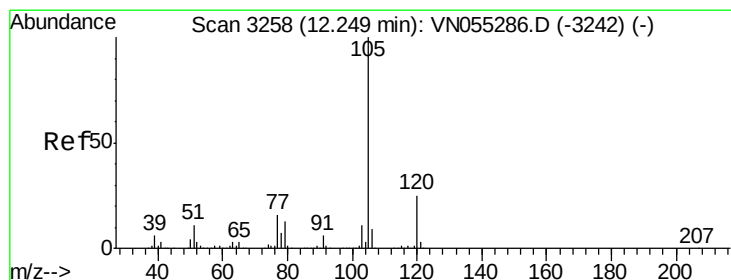
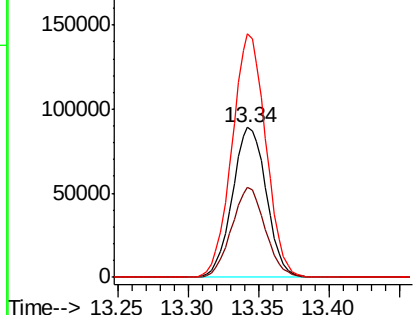
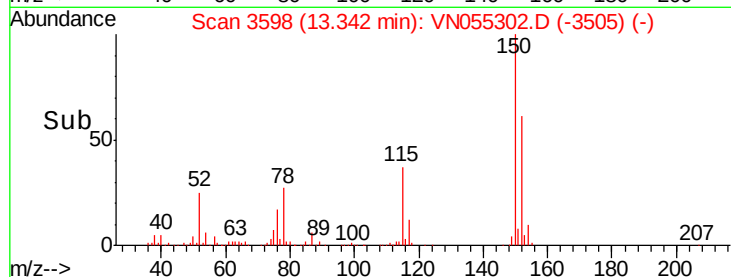
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN055302.D
 Acq: 30 Apr 2019 12:38

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:152 Resp: 150711
 Ion Ratio Lower Upper
 152 100
 115 59.2 29.0 87.0
 150 161.1 0.0 345.6

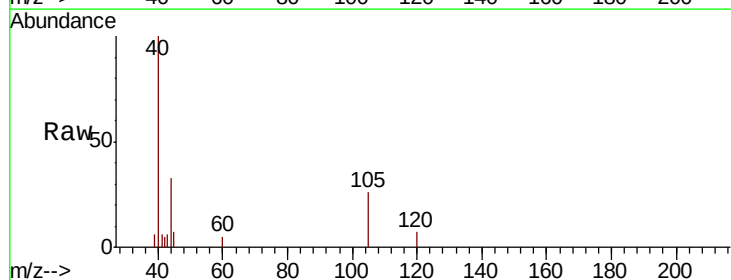


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

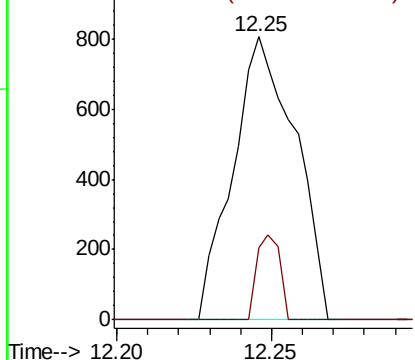
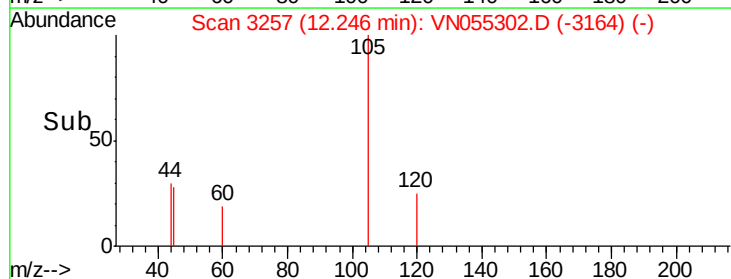


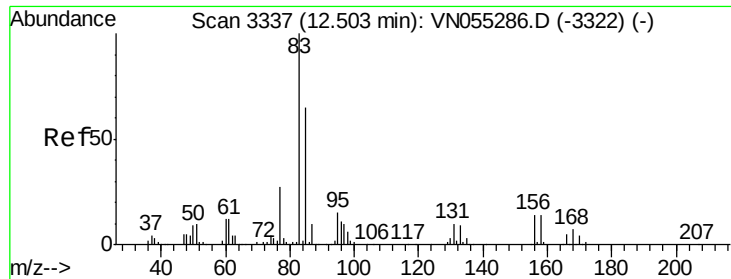
#73
 Isopropylbenzene
 Concen: Below Cal
 RT: 12.25 min Scan# 3257
 Delta R.T. -0.00 min
 Lab File: VN055302.D
 Acq: 30 Apr 2019 12:38

Tgt Ion:105 Resp: 1134
 Ion Ratio Lower Upper
 105 100
 120 11.1 12.9 38.7#



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





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3339

Delta R.T. 0.01 min

Lab File: VN055302.D

Acq: 30 Apr 2019 12:38

Instrument :

MSVOA_N

ClientSampleId :

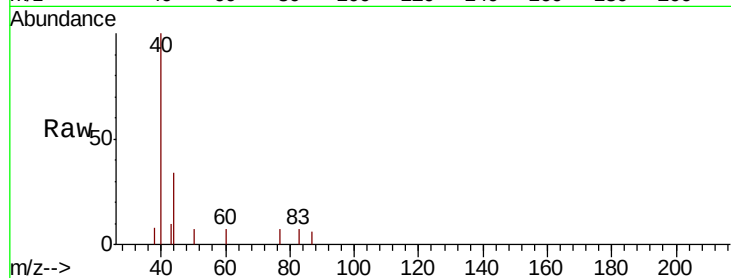
Tot Ion: 83 Resp: 66

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.2#

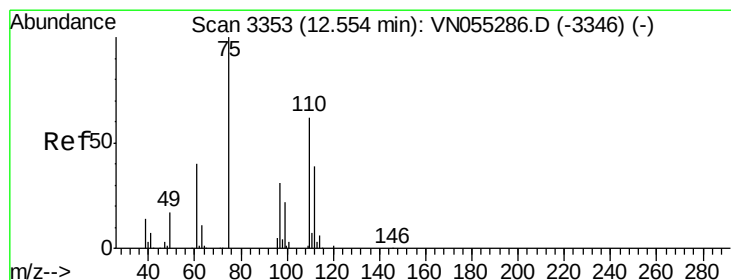
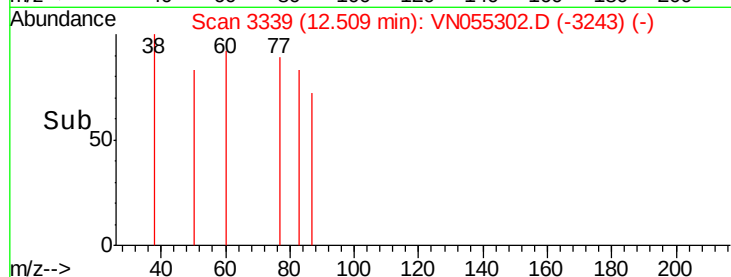
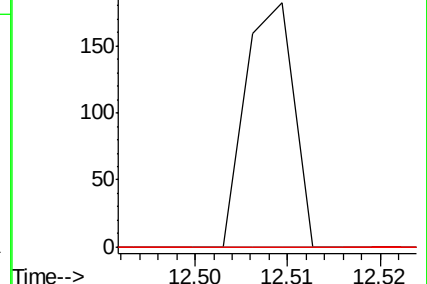
85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 43.255 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055302.D

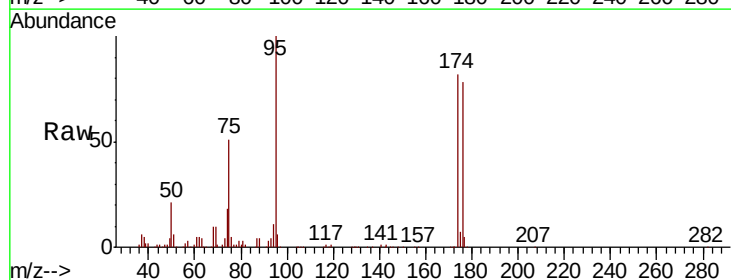
Acq: 30 Apr 2019 12:38

Tgt Ion: 75 Resp: 122123

Ion Ratio Lower Upper

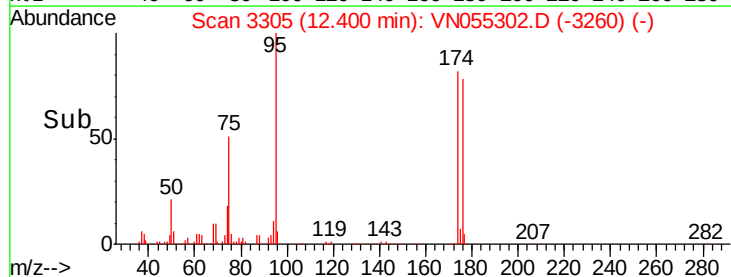
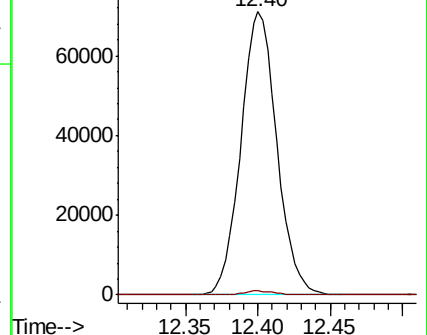
75 100

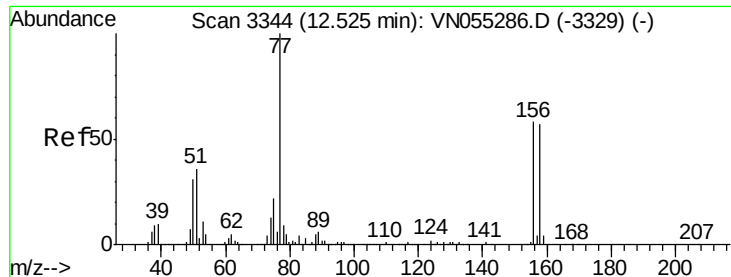
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: Below Cal

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN055302.D

Acq: 30 Apr 2019 12:38

Instrument :

MSVOA_N

ClientSampleId :

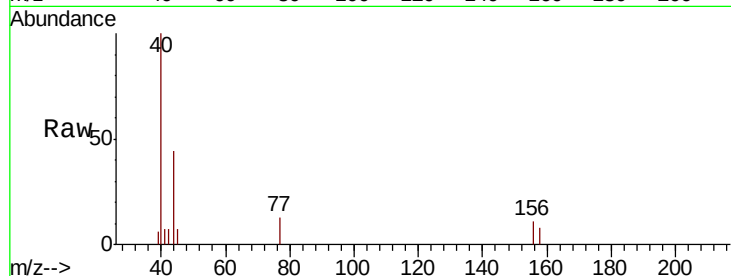
Tot Ion:156 Resp: 275

Ion Ratio Lower Upper

156 100

77 245.1 99.6 298.8

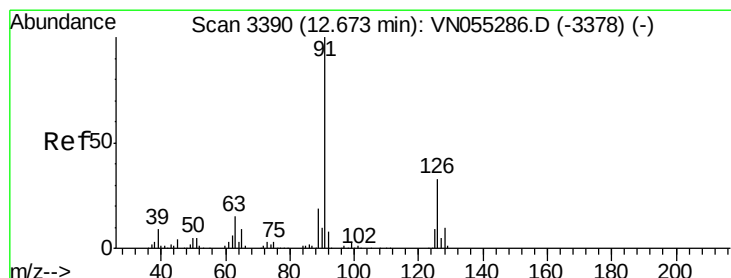
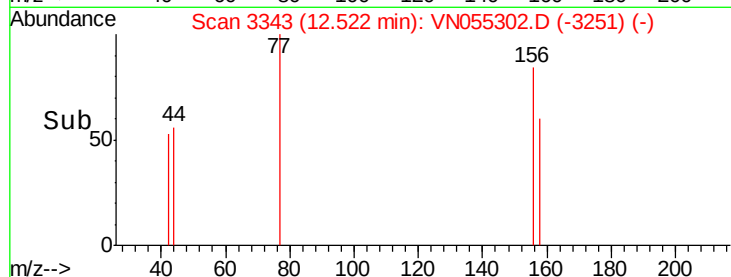
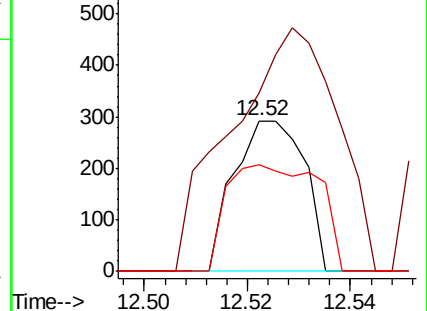
158 92.4 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.78 min Scan# 3423

Delta R.T. 0.11 min

Lab File: VN055302.D

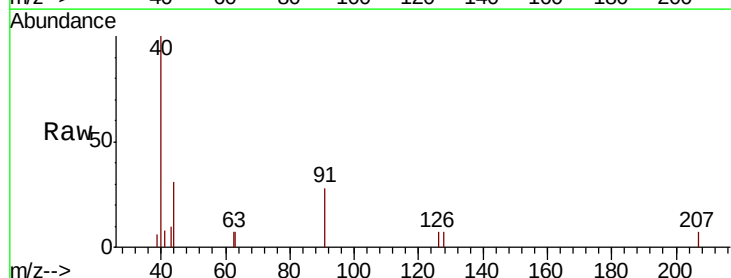
Acq: 30 Apr 2019 12:38

Tgt Ion: 91 Resp: 1369

Ion Ratio Lower Upper

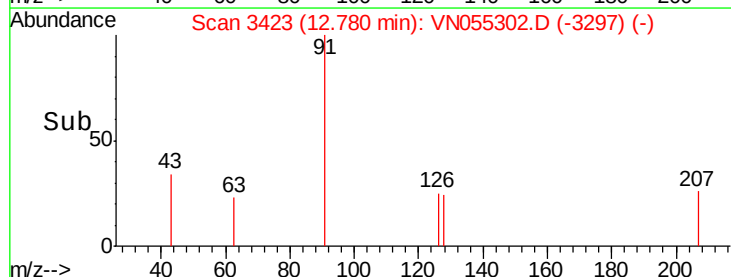
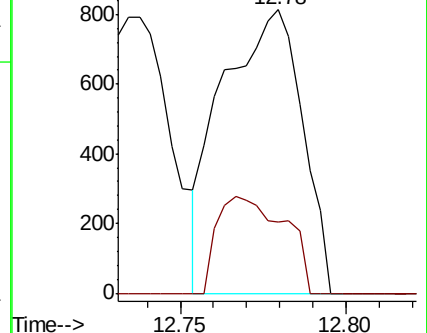
91 100

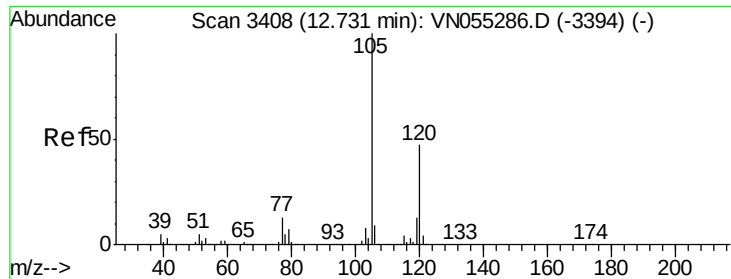
126 28.6 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

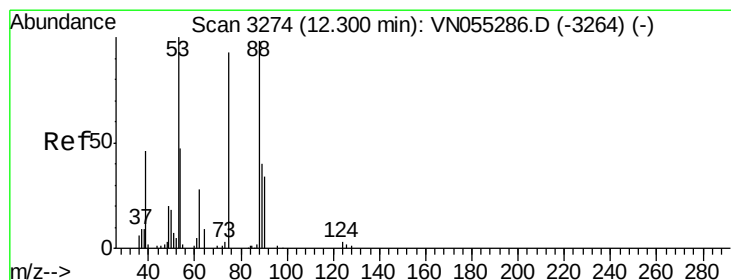
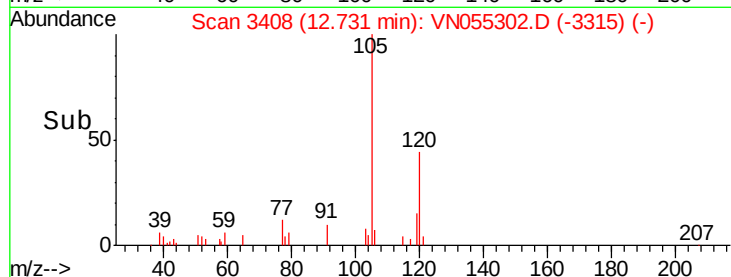
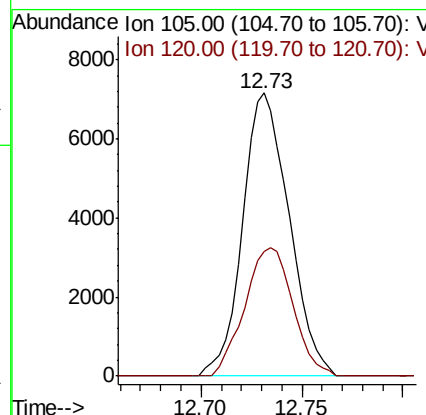
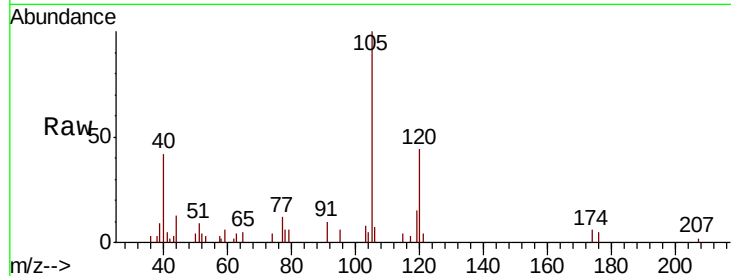




#80
 1,3,5-Trimethylbenzene
 Concen: 0.977 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055302.D
 Acq: 30 Apr 2019 12:38

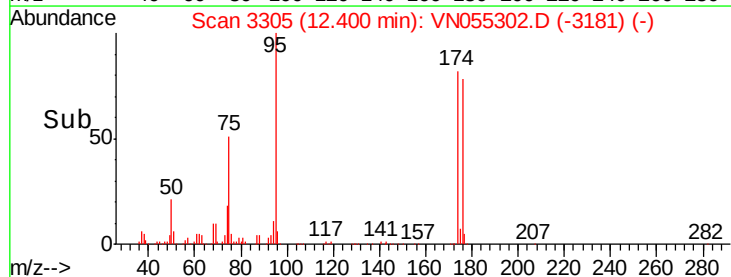
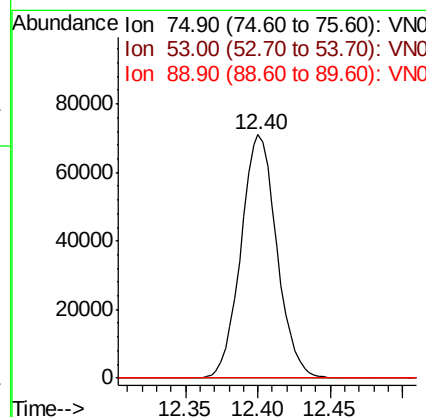
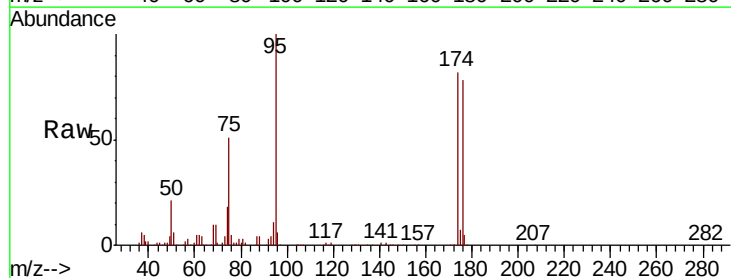
Instrument :
 MSVOA_N
 ClientSampleId :

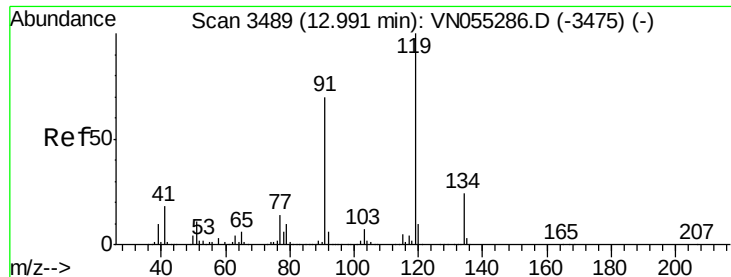
Tot Ion:105 Resp: 11540
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.4 70.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 153.560 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN055302.D
 Acq: 30 Apr 2019 12:38

Tgt Ion: 75 Resp: 122123
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.3 129.5#
 89 0.0 34.6 51.8#

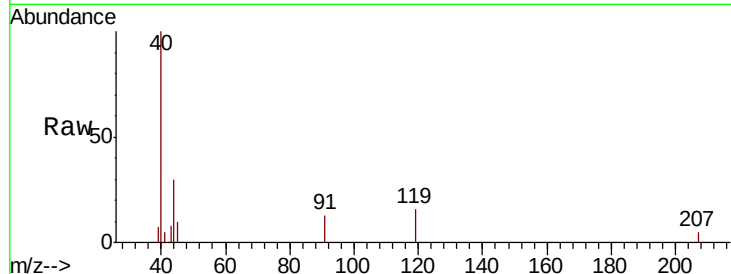




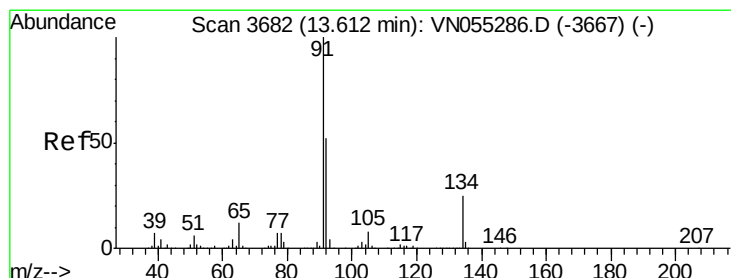
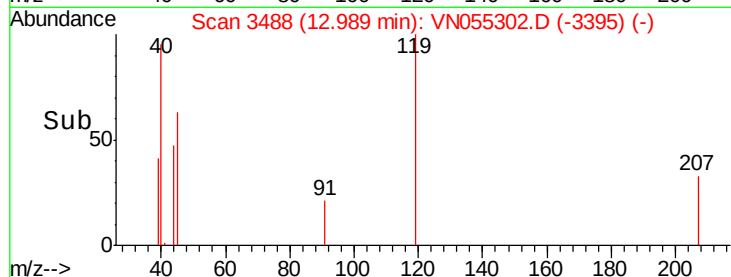
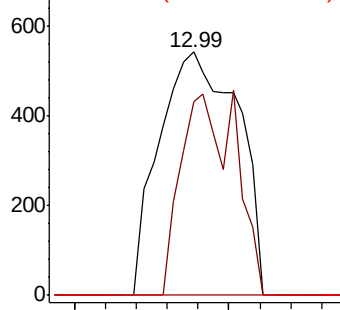
#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3488
Delta R.T. -0.00 min
Lab File: VN055302.D
Acq: 30 Apr 2019 12:38

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 962
Ion Ratio Lower Upper
119 100
91 57.7 34.3 102.9
134 0.0 13.1 39.3#

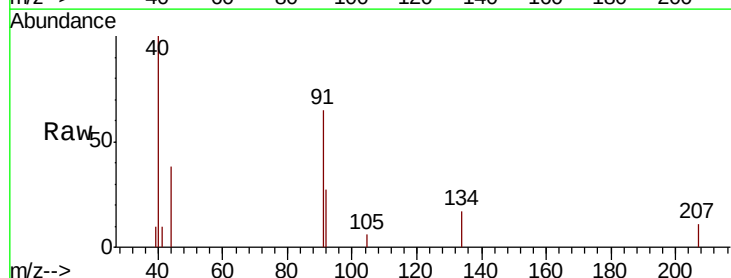


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VN
Ion 134.00 (133.70 to 134.70): V

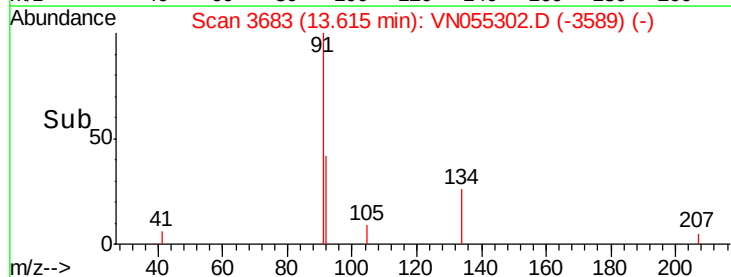
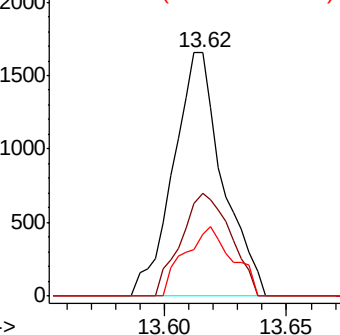


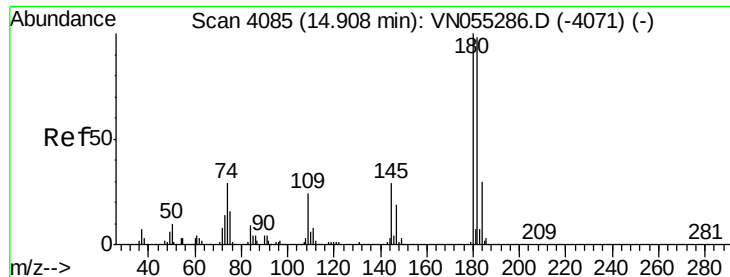
#89
n-Butylbenzene
Concen: 0.308 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN055302.D
Acq: 30 Apr 2019 12:38

Tgt Ion: 91 Resp: 2308
Ion Ratio Lower Upper
91 100
92 42.6 26.1 78.3
134 27.7 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 92.00 (91.70 to 92.70): VN
Ion 134.00 (133.70 to 134.70): V

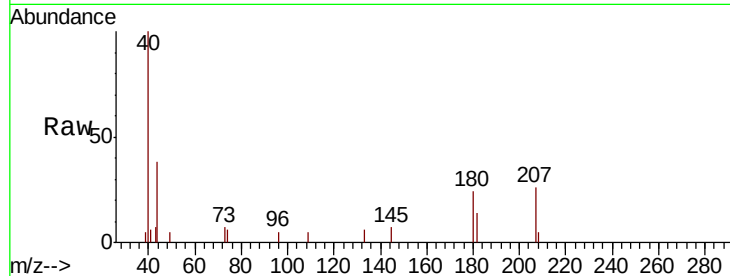




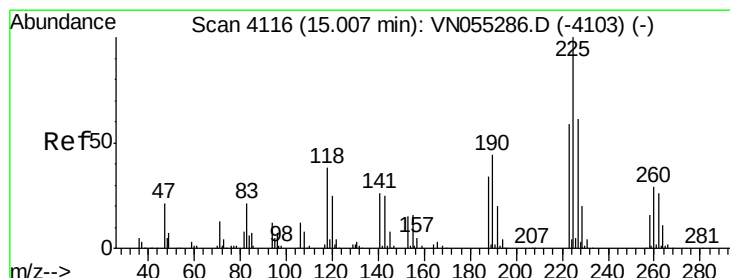
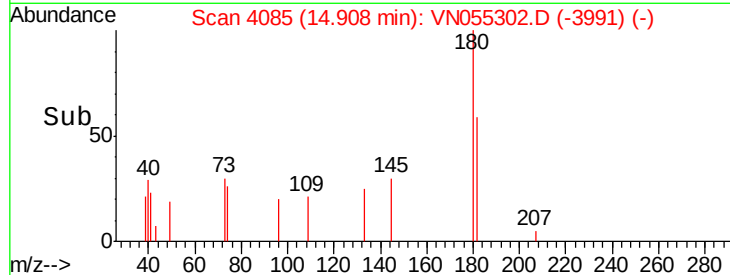
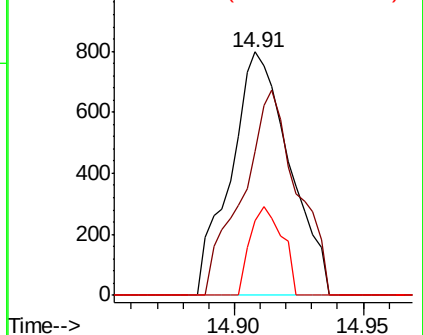
#93
 1,2,4-Trichlorobenzene
 Concen: 3.912 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055302.D
 Acq: 30 Apr 2019 12:38

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	78.1	48.3	144.9
145	20.0	14.2	42.6

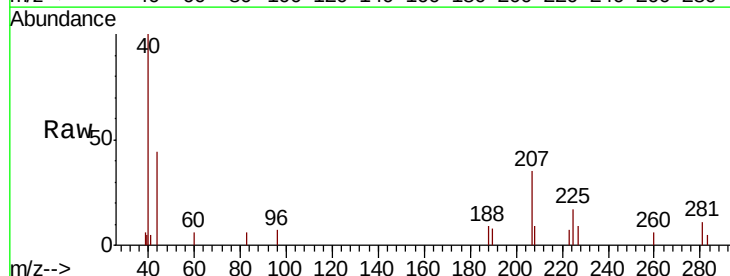


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

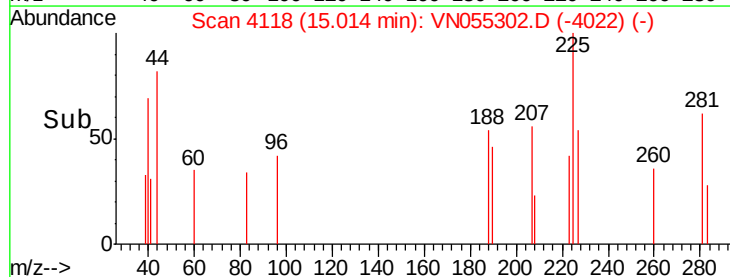
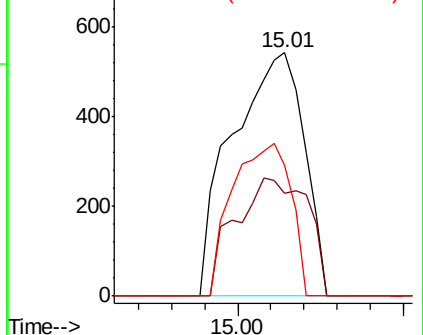


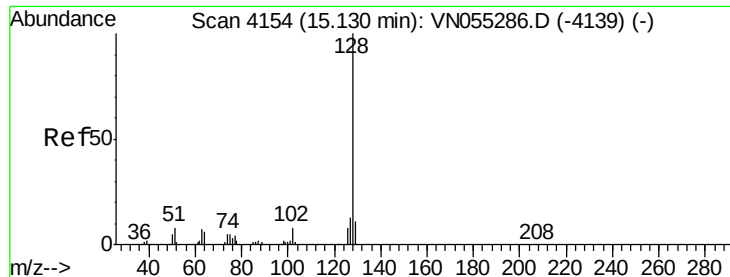
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.01 min
 Lab File: VN055302.D
 Acq: 30 Apr 2019 12:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	48.5	30.3	90.8
227	50.6	30.9	92.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 3.963 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN055302.D

Acq: 30 Apr 2019 12:38

Instrument :

MSVOA_N

ClientSampleId :

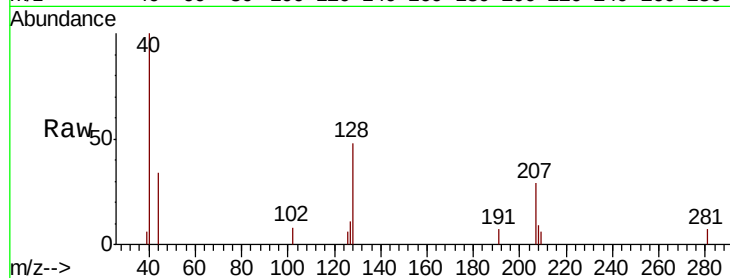
Tot Ion:128 Resp: 2850

Ion Ratio Lower Upper

128 100

127 20.9 10.7 16.1#

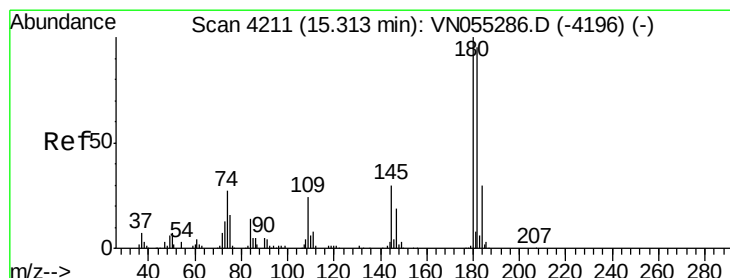
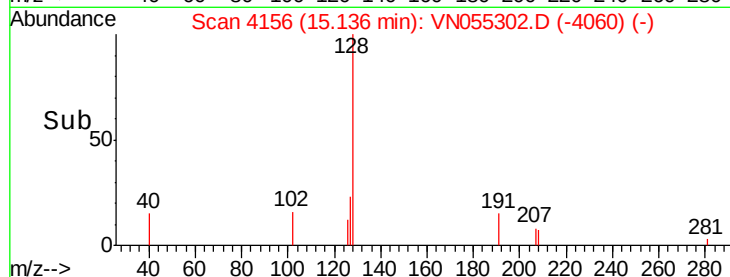
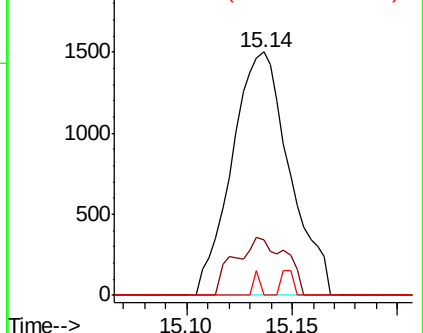
129 1.0 8.6 13.0#



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



#96

1,2,3-Trichlorobenzene

Concen: 3.249 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055302.D

Acq: 30 Apr 2019 12:38

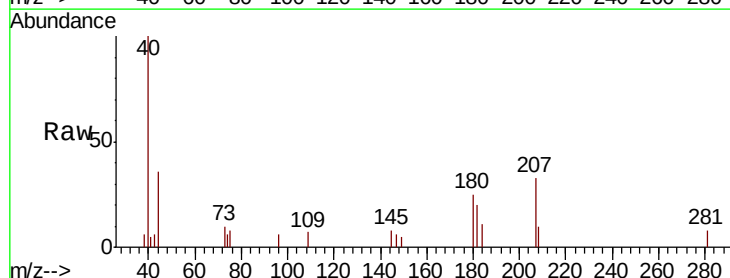
Tgt Ion:180 Resp: 1304

Ion Ratio Lower Upper

180 100

182 71.9 48.3 144.9

145 15.3 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

