

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN043019\
 Data File : VN055304.D
 Acq On : 30 Apr 2019 13:29
 Operator : JC/SP
 Sample : K2194-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 01 05:17:44 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	361827	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	619405	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	568645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	156653	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	259370	54.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.58%	
35) Dibromofluoromethane	7.59	113	204941	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	10.09	98	777496	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	
62) 4-Bromofluorobenzene	12.40	95	235087	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	

Target Compounds

					Qvalue
11) Tert butyl alcohol	4.82	59	63	0.232 ug/l #	73
13) Acrolein	3.61	56	76	0.359 ug/l #	14
14) Allyl chloride	4.55	41	58486	7.901 ug/l #	26
16) Acetone	3.82	43	11697	7.931 ug/l	97
17) Carbon Disulfide	4.06	76	4438	0.476 ug/l	99
18) Methyl Acetate	4.33	43	2717	Below Cal #	86
20) Methylene Chloride	4.55	84	1242760	276.053 ug/l	98
25) 2-Butanone	6.84	43	2924	1.550 ug/l	96
29) Tetrahydrofuran	7.22	42	1390	1.151 ug/l #	73
30) Chloroform	7.37	83	2296	0.309 ug/l	98
31) Cyclohexane	7.67	56	8187	1.100 ug/l #	3
36) 1,1-Dichloropropene	7.66	75	28124	4.740 ug/l #	50
38) Carbon Tetrachloride	7.67	117	34845	6.088 ug/l #	15
41) Methacrylonitrile	7.17	41	59	0.764 ug/l #	28
43) Isopropyl Acetate	8.17	43	16150	2.210 ug/l #	85
48) Methyl methacrylate	9.18	41	8612	2.397 ug/l #	18
49) 1,4-Dioxane	9.26	88	33	0.889 ug/l #	18
51) 4-Methyl-2-Pentanone	9.99	43	4601	1.118 ug/l	92
54) cis-1,3-Dichloropropene	9.90	75	52997	8.278 ug/l #	71
56) Ethyl methacrylate	10.55	69	1221	0.266 ug/l #	1
57) 1,3-Dichloropropane	10.76	76	10606	1.622 ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.80	63	30	12.425 ug/l #	52
59) 2-Hexanone	10.76	43	173600	67.438 ug/l #	54
71) Bromoform	12.40	173	1942	0.804 ug/l #	1
73) Isopropylbenzene	12.25	105	155	Below Cal #	49
74) N-amyl acetate	11.88	43	16433	4.087 ug/l #	57
76) 1,2,3-Trichloropropane	12.40	75	123024	41.839 ug/l #	100
79) 2-Chlorotoluene	12.67	91	253	Below Cal #	42
80) 1,3,5-Trimethylbenzene	12.73	105	3315	0.270 ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	123024	148.825 ug/l #	7
83) tert-Butylbenzene	13.00	119	108	Below Cal #	60
84) 1,2,4-Trimethylbenzene	13.04	105	2854	0.260 ug/l	98
90) Hexachloroethane	13.89	117	233	Below Cal #	7
93) 1,2,4-Trichlorobenzene	14.92	180	30	3.324 ug/l #	6

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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

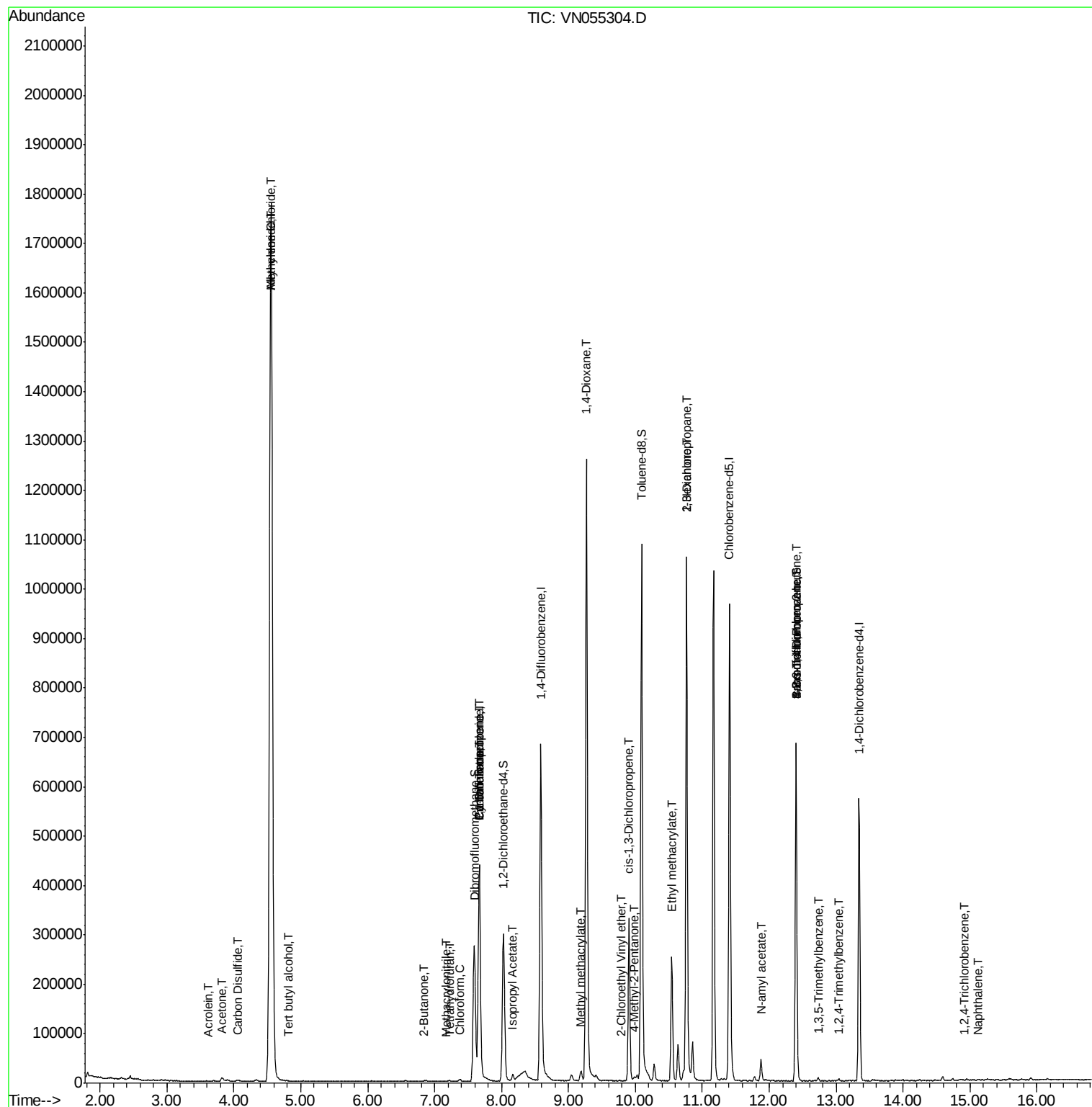
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	69	Below Cal	#	20
95) Naphthalene	15.14	128	1432	3.635 ug/l	#	69

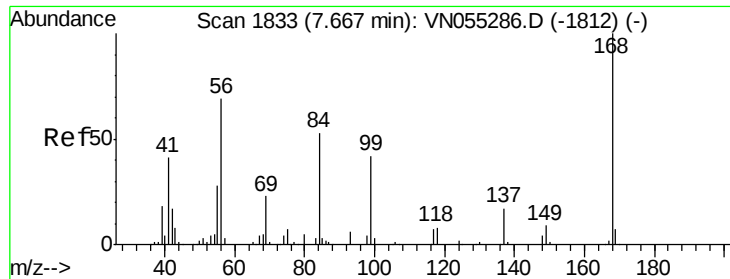
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VN055304.D

Acq: 30 Apr 2019 13:29

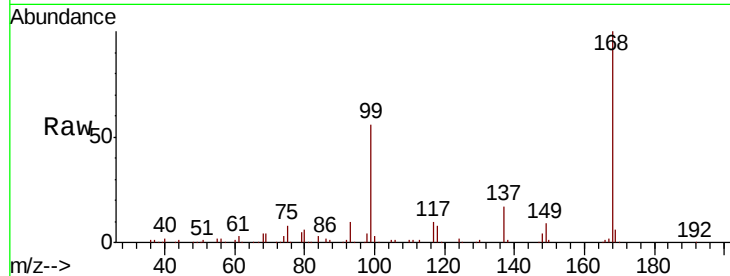
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 361827

Ion Ratio Lower Upper

168 100

99 55.8 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055304.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN055304.D (-1740) (-)

7.67

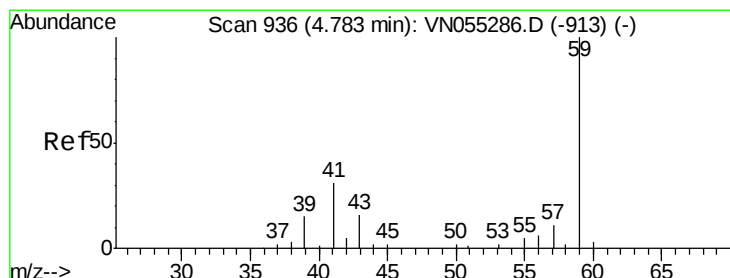
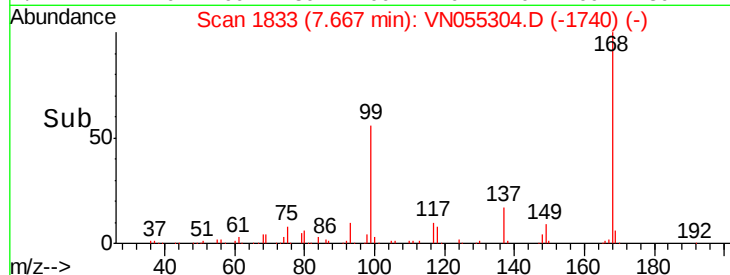
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.232 ug/l

RT: 4.82 min Scan# 947

Delta R.T. 0.04 min

Lab File: VN055304.D

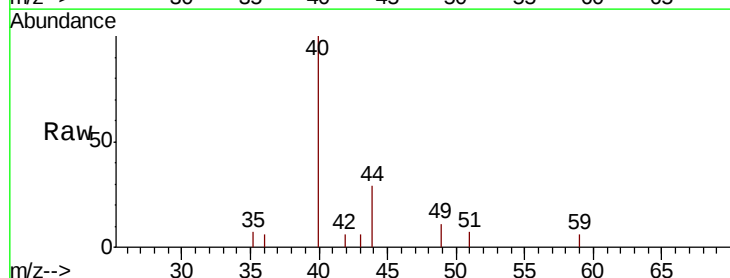
Acq: 30 Apr 2019 13:29

Tgt Ion: 59 Resp: 63

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN055304.D (-843) (-)

Ion 57.00 (56.70 to 57.70): VN055304.D (-843) (-)

4.82

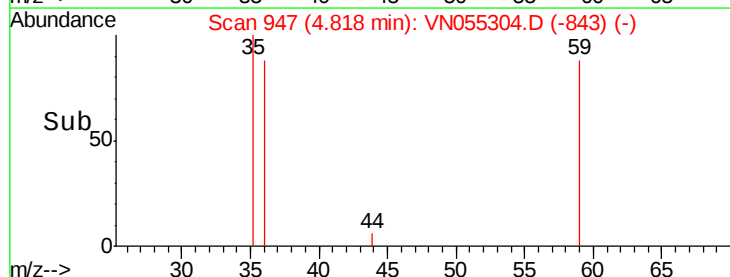
150

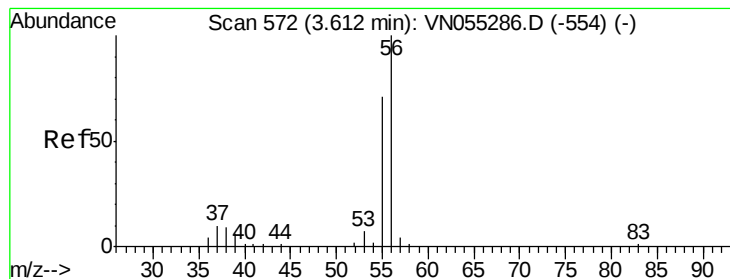
100

50

0

Time-->





#13

Acrolein

Concen: 0.359 ug/l

RT: 3.61 min Scan# 571

Delta R.T. -0.00 min

Lab File: VN055304.D

Acq: 30 Apr 2019 13:29

Instrument :

MSVOA_N

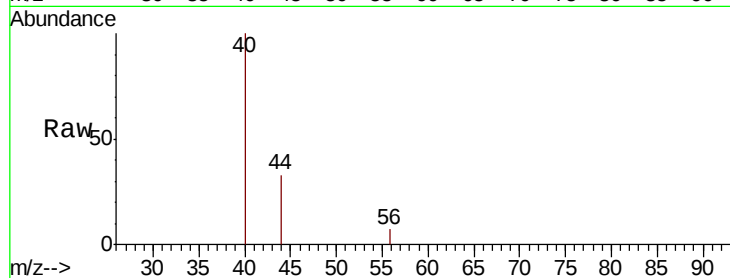
ClientSampleId :

Tot Ion: 56 Resp: 76

Ion Ratio Lower Upper

56 100

55 0.0 57.4 86.2#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

200

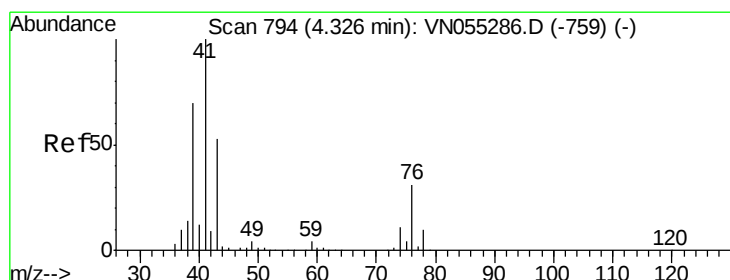
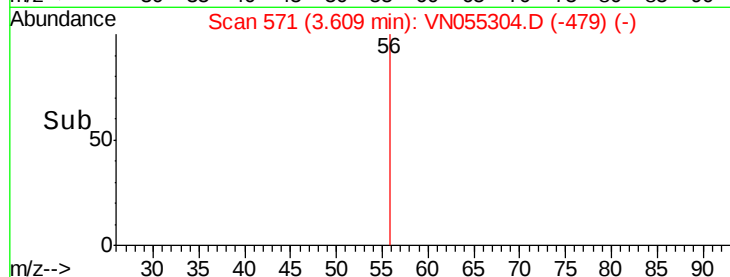
150

100

50

0

Time-->



#14

Allyl chloride

Concen: 7.901 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.23 min

Lab File: VN055304.D

Acq: 30 Apr 2019 13:29

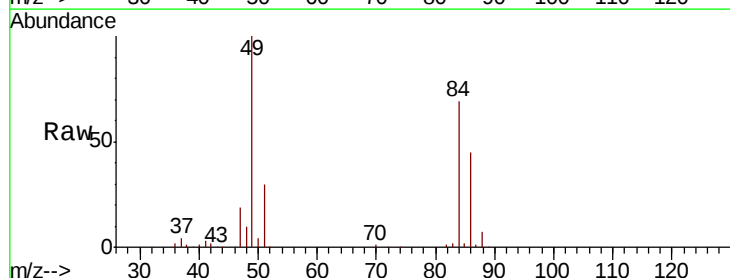
Tgt Ion: 41 Resp: 58486

Ion Ratio Lower Upper

41 100

39 0.8 53.0 79.6#

76 0.0 22.7 34.1#



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

4.55

25000

20000

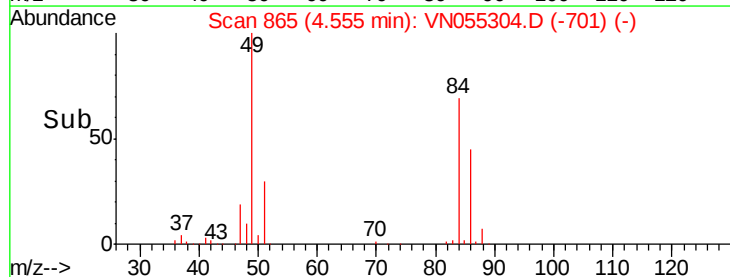
15000

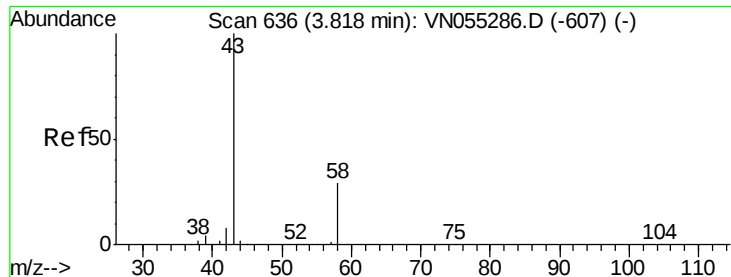
10000

5000

0

Time-->





#16

Acetone

Concen: 7.931 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055304.D

Acq: 30 Apr 2019 13:29

Instrument :

MSVOA_N

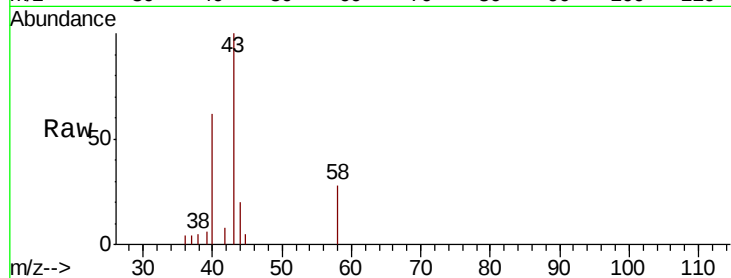
ClientSampleId :

Tot Ion: 43 Resp: 11697

Ion Ratio Lower Upper

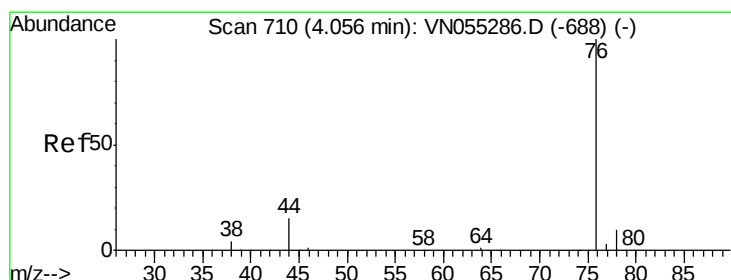
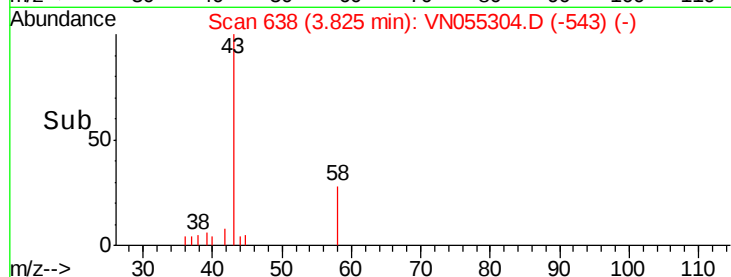
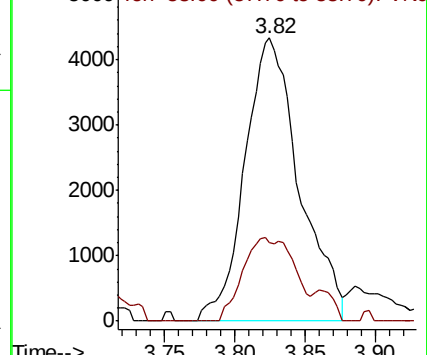
43 100

58 27.9 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN055304.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN055304.D (-543) (-)



#17

Carbon Disulfide

Concen: 0.476 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN055304.D

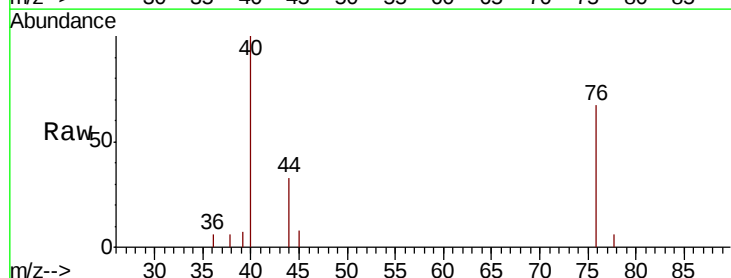
Acq: 30 Apr 2019 13:29

Tgt Ion: 76 Resp: 4438

Ion Ratio Lower Upper

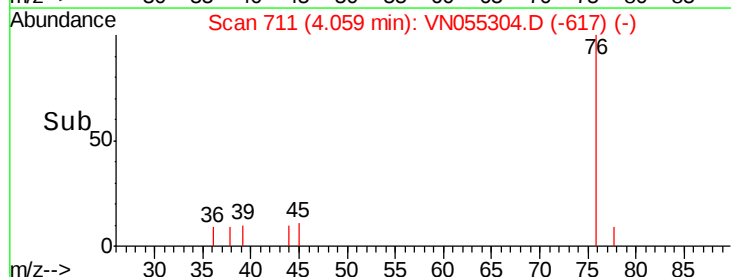
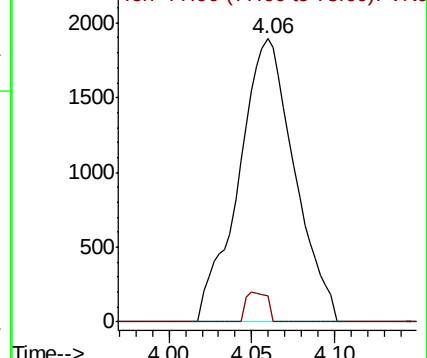
76 100

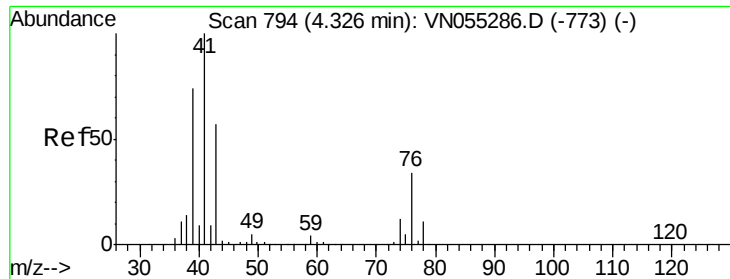
78 9.1 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VN055304.D (-617) (-)

Ion 77.90 (77.60 to 78.60): VN055304.D (-617) (-)

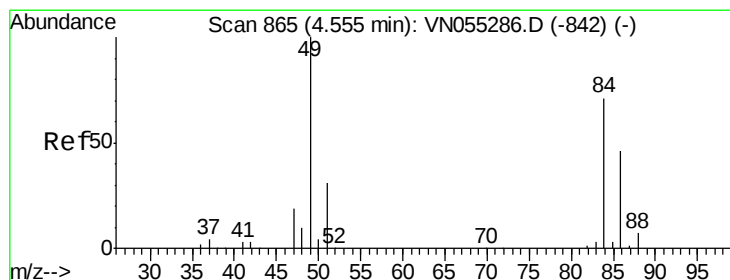
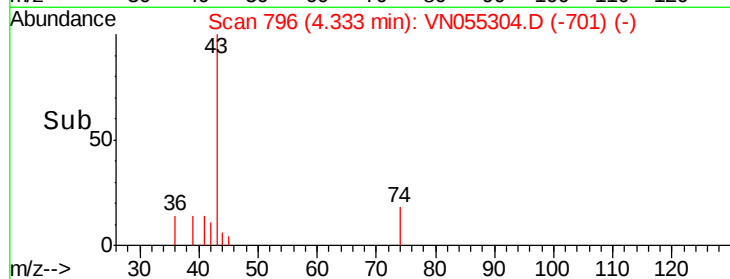
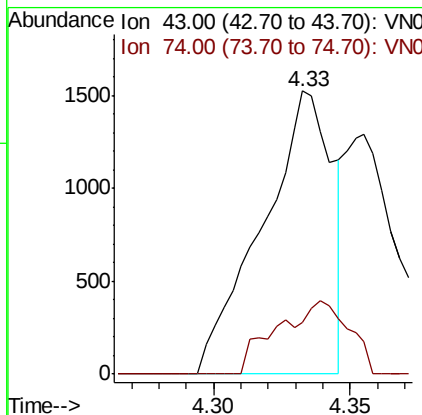
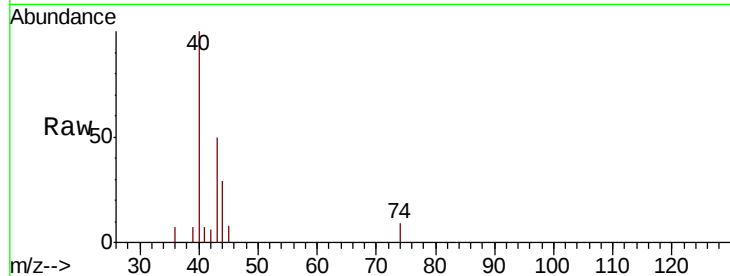




#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN055304.D
Acq: 30 Apr 2019 13:29

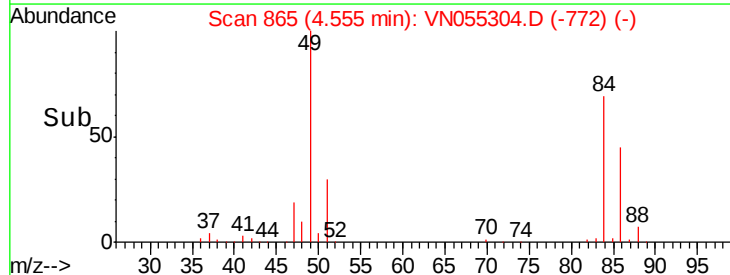
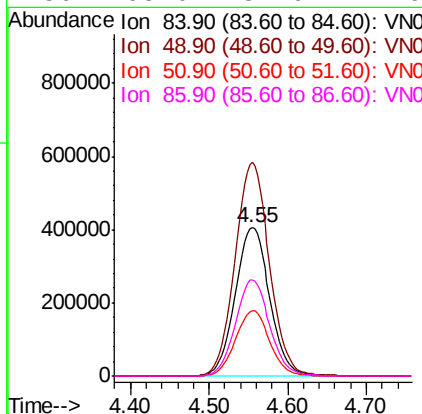
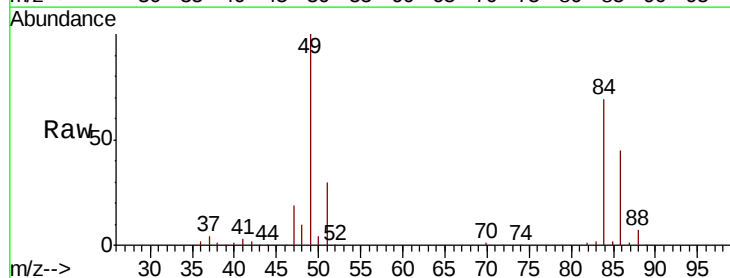
Instrument :
MSVOA_N
ClientSampleId :

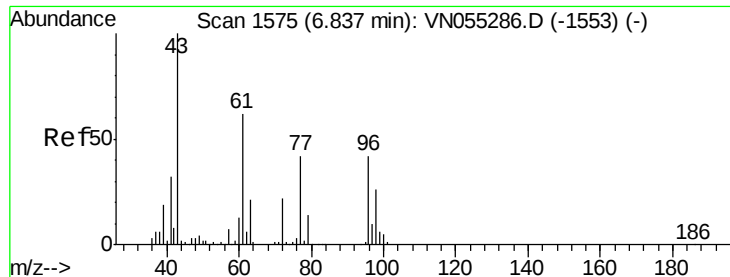
Tot Ion: 43 Resp: 2717
Ion Ratio Lower Upper
43 100
74 26.4 15.8 23.8#



#20
Methylene Chloride
Concen: 276.053 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055304.D
Acq: 30 Apr 2019 13:29

Tgt Ion: 84 Resp: 1242760
Ion Ratio Lower Upper
84 100
49 143.9 112.4 168.6
51 43.8 34.6 51.8
86 65.0 51.9 77.9

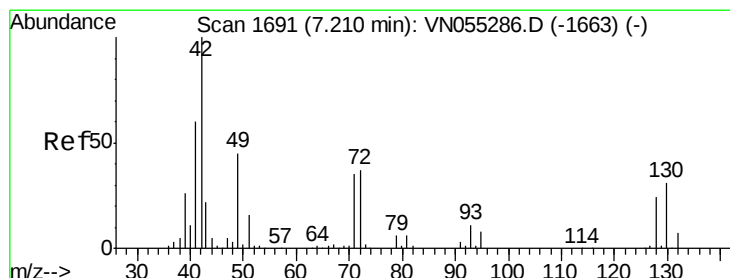
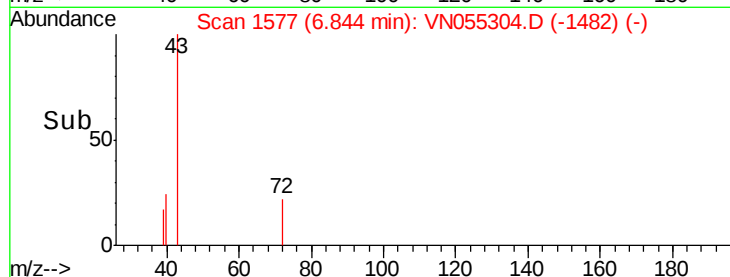
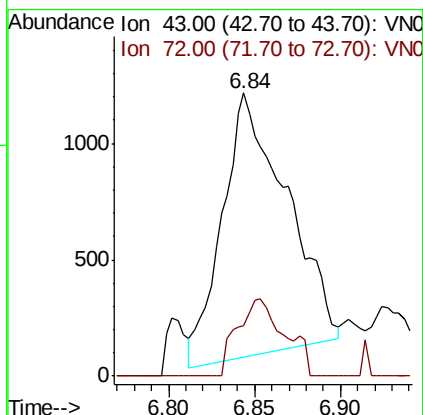
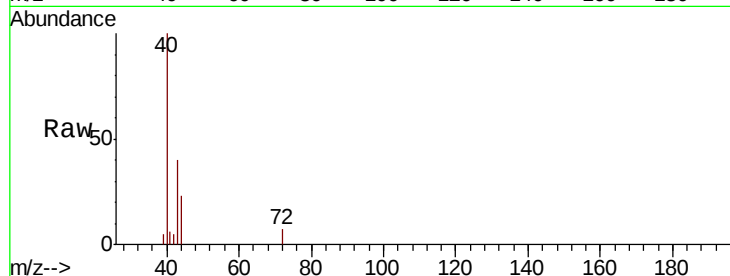




#25
2-Butanone
Concen: 1.550 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN055304.D
Acq: 30 Apr 2019 13:29

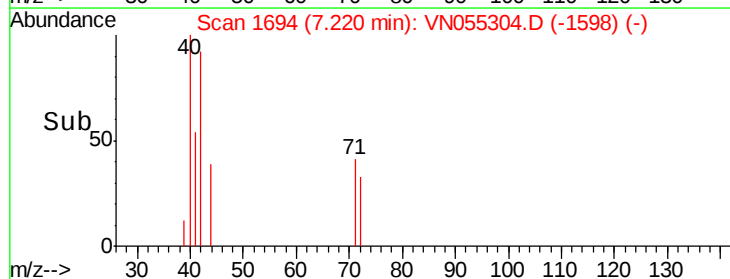
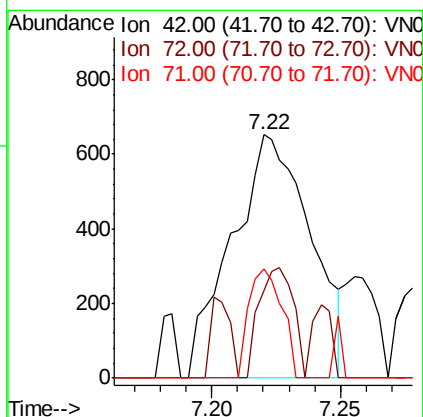
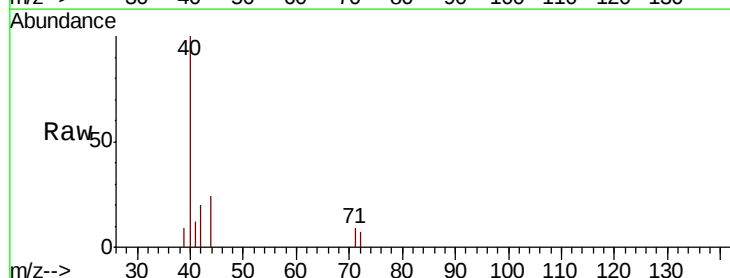
Instrument :
MSVOA_N
ClientSampled :

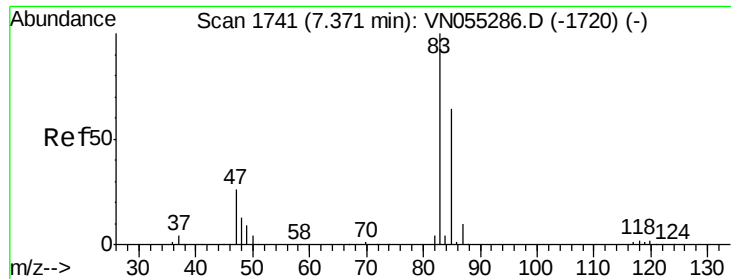
Tot Ion: 43 Resp: 2924
Ion Ratio Lower Upper
43 100
72 20.4 18.0 27.0



#29
Tetrahydrofuran
Concen: 1.151 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VN055304.D
Acq: 30 Apr 2019 13:29

Tgt Ion: 42 Resp: 1390
Ion Ratio Lower Upper
42 100
72 19.9 29.0 43.6#
71 18.9 27.1 40.7#

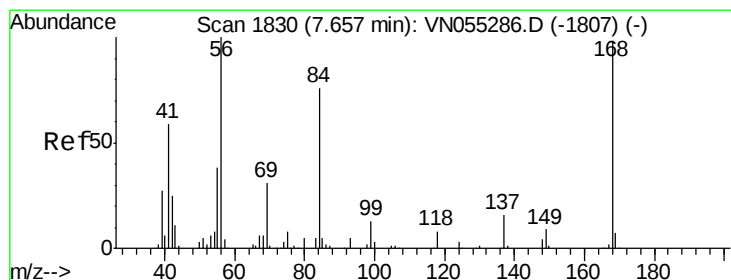
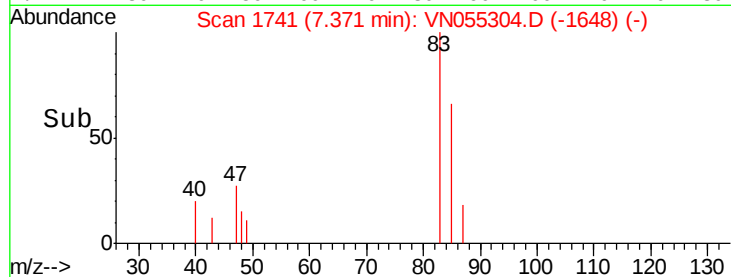
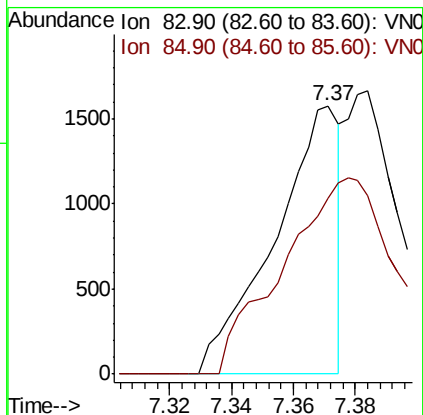
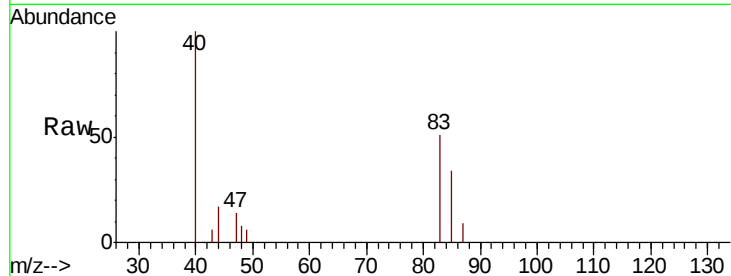




#30
Chloroform
Concen: 0.309 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN055304.D
Acq: 30 Apr 2019 13:29

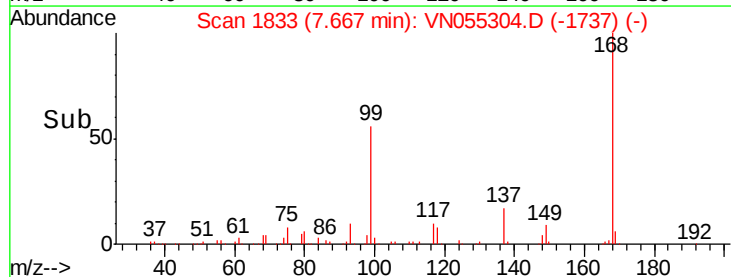
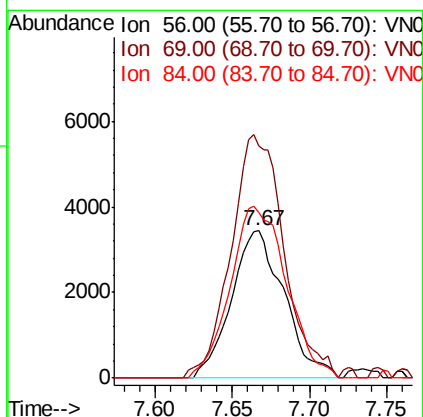
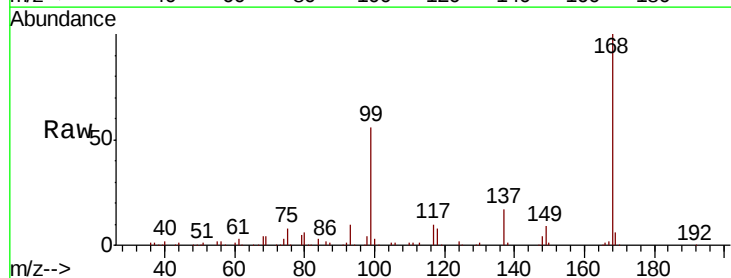
Instrument :
MSVOA_N
ClientSampled :

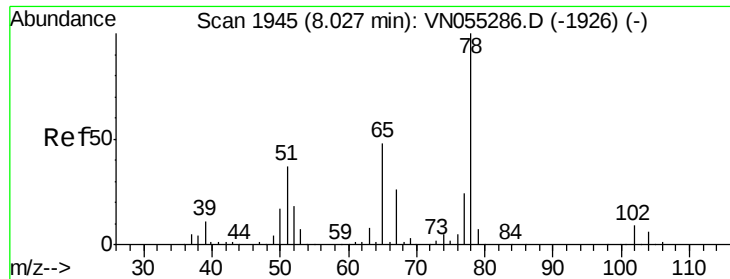
Tot Ion: 83 Resp: 2296
Ion Ratio Lower Upper
83 100
85 65.8 51.4 77.2



#31
Cyclohexane
Concen: 1.100 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN055304.D
Acq: 30 Apr 2019 13:29

Tgt Ion: 56 Resp: 8187
Ion Ratio Lower Upper
56 100
69 158.1 25.2 37.8#
84 112.8 61.1 91.7#

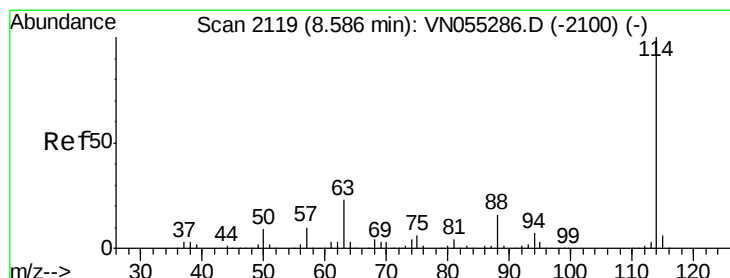
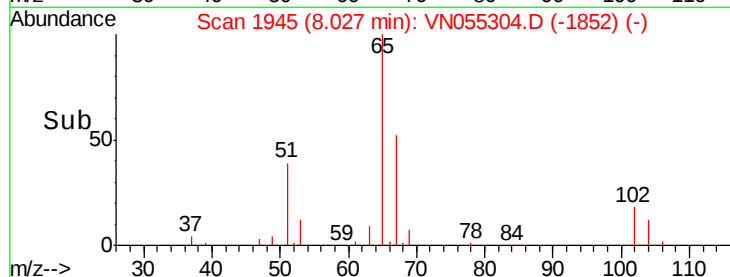
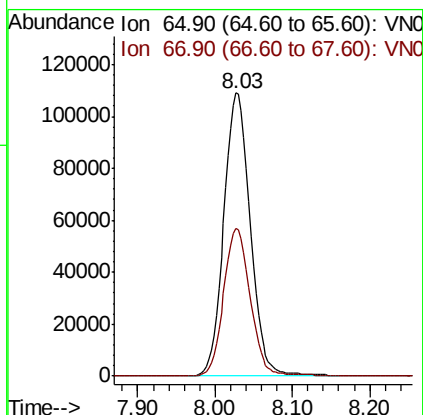
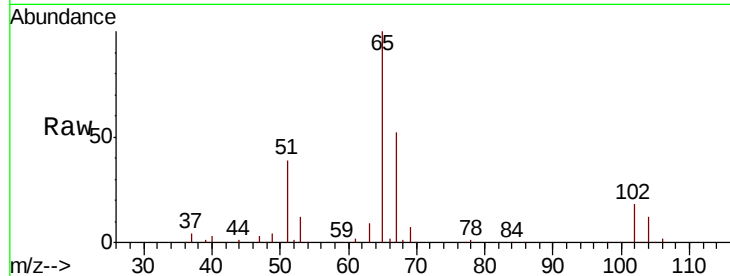




#33
 1,2-Dichloroethane-d4
 Concen: 54.794 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055304.D
 Acq: 30 Apr 2019 13:29

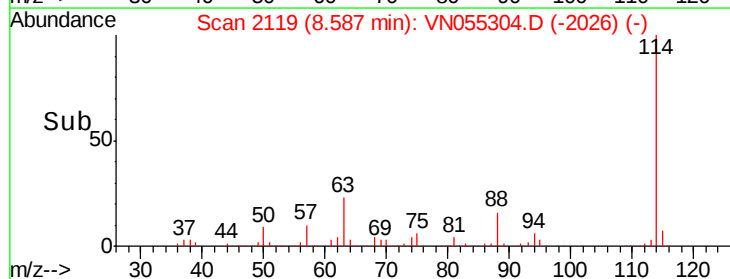
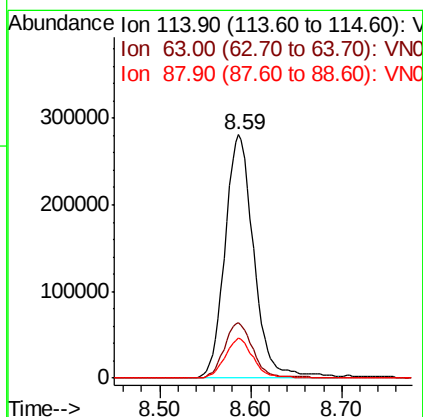
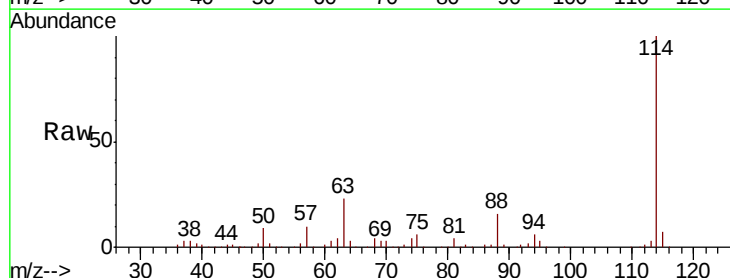
Instrument :
 MSVOA_N
 ClientSampled :

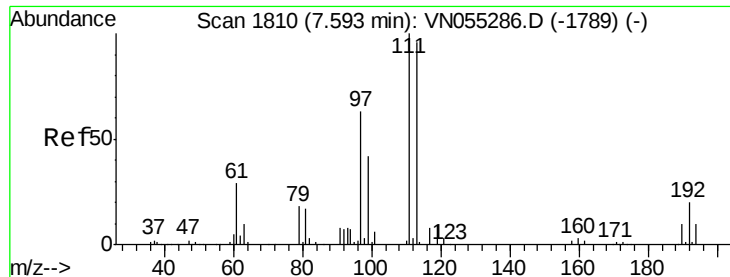
Tot Ion: 65 Resp: 259370
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055304.D
 Acq: 30 Apr 2019 13:29

Tgt Ion: 114 Resp: 619405
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.2
 88 16.3 0.0 31.6

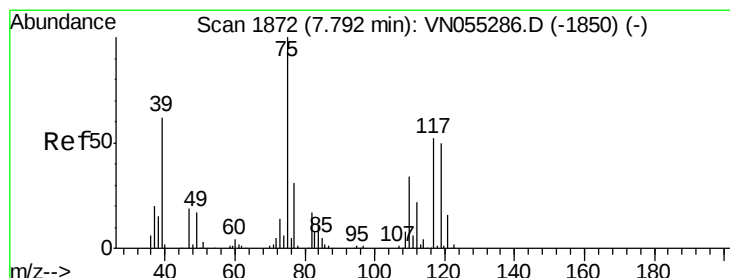
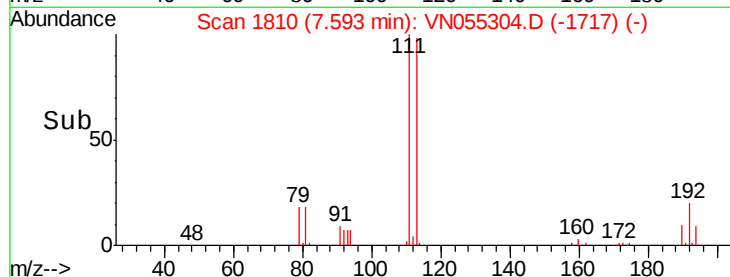
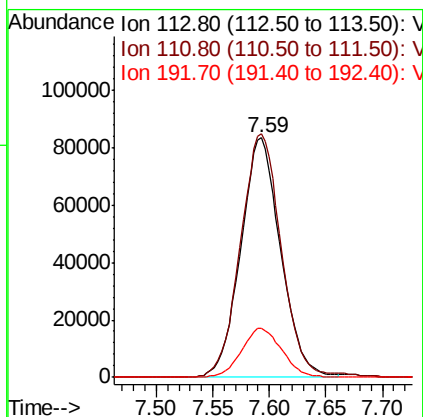
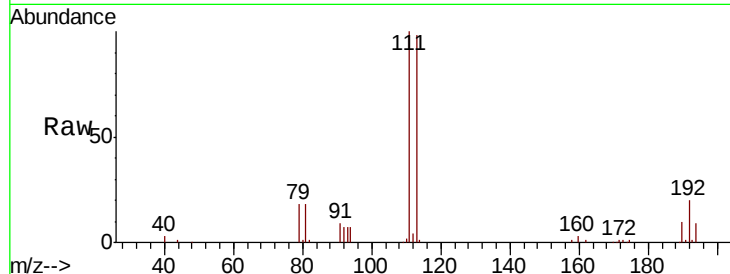




#35
 Dibromofluoromethane
 Concen: 50.409 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055304.D
 Acq: 30 Apr 2019 13:29

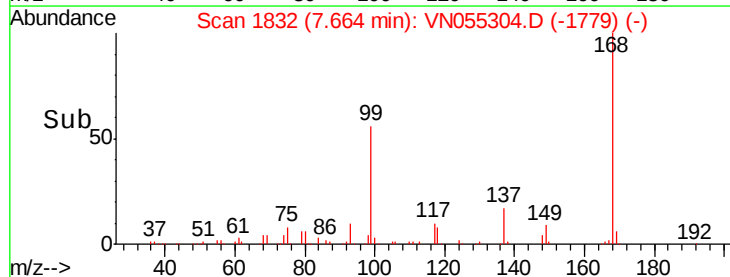
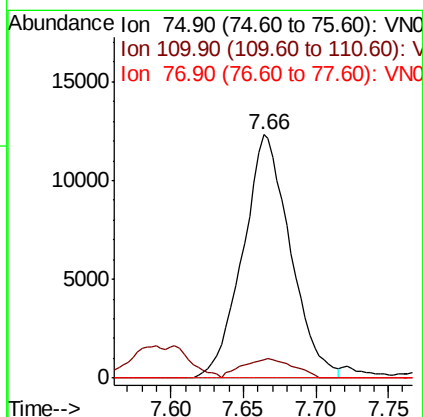
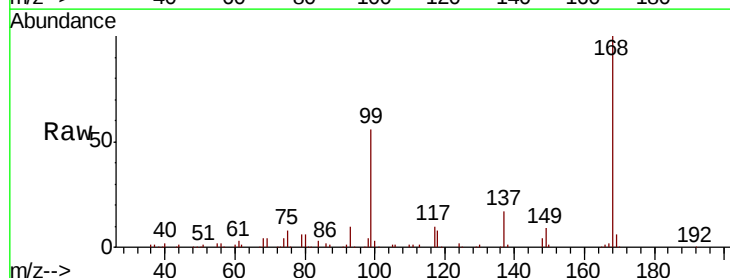
Instrument :
 MSVOA_N
 ClientSampled :

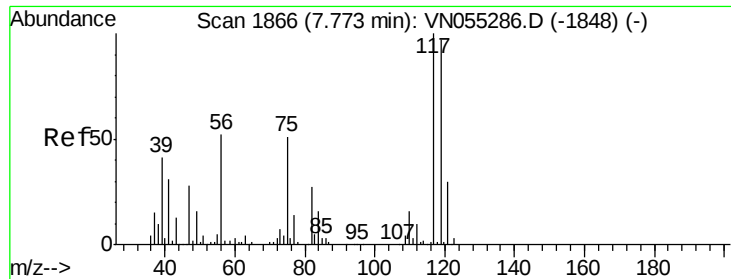
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.3	123.5
192	20.8	17.0	25.6



#36
 1,1-Dichloropropene
 Concen: 4.740 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055304.D
 Acq: 30 Apr 2019 13:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	16.8	50.4#
77	0.0	25.0	37.6#





#38

Carbon Tetrachloride

Concen: 6.088 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN055304.D

Acq: 30 Apr 2019 13:29

Instrument :

MSVOA_N

ClientSampleId :

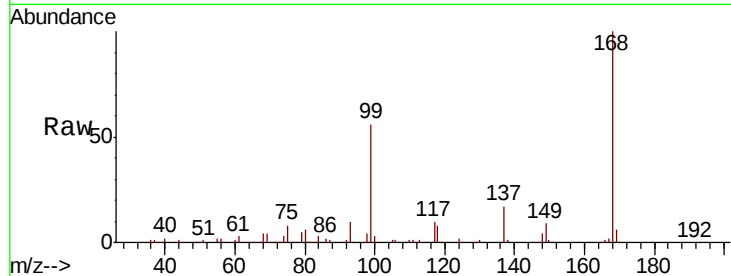
Tot Ion:117 Resp: 34845

Ion Ratio Lower Upper

117 100

119 3.9 77.0 115.6#

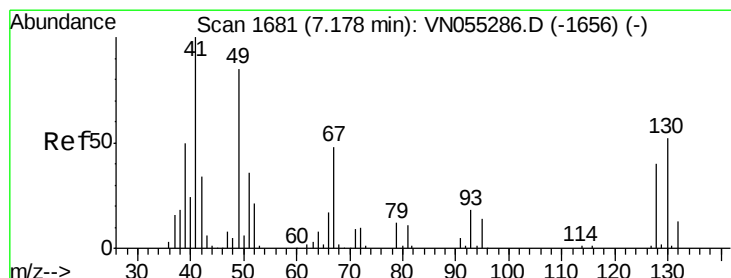
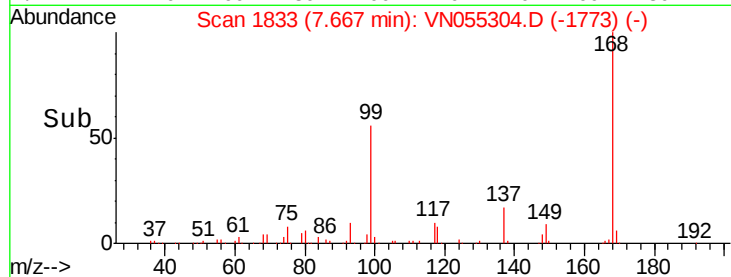
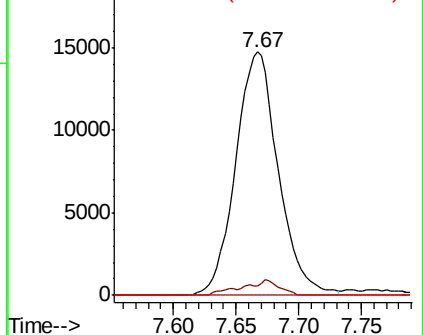
121 0.0 23.8 35.8#



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: 0.764 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. -0.01 min

Lab File: VN055304.D

Acq: 30 Apr 2019 13:29

Tgt Ion: 41 Resp: 59

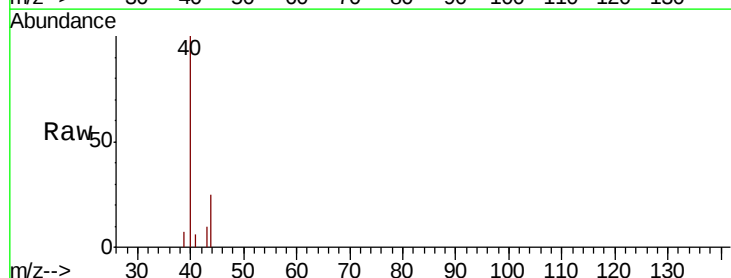
Ion Ratio Lower Upper

41 100

39 110.2 48.5 72.7#

67 0.0 54.9 82.3#

52 0.0 24.9 37.3#

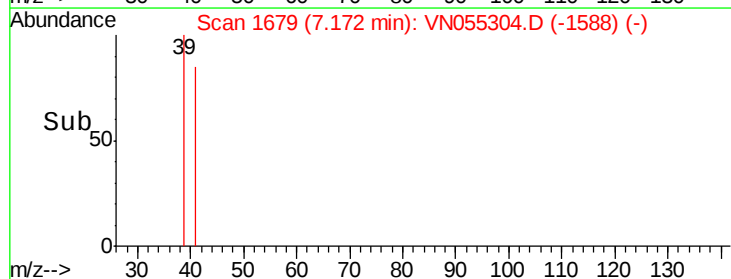
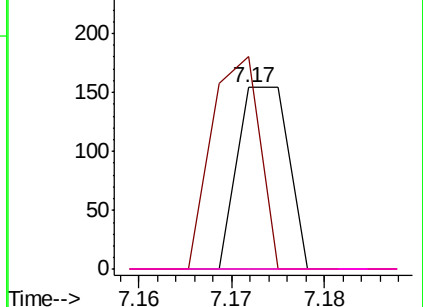


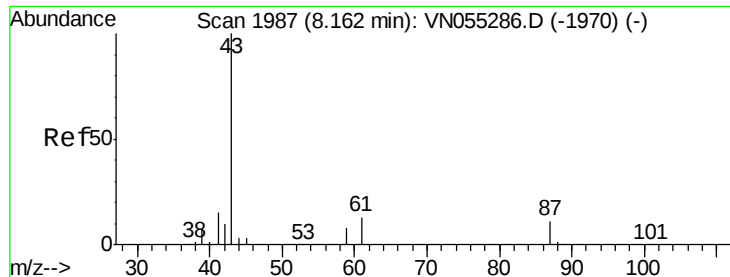
Abundance Ion 41.00 (40.70 to 41.70): V

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: 2.210 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN055304.D

Acq: 30 Apr 2019 13:29

Instrument :

MSVOA_N

ClientSampled :

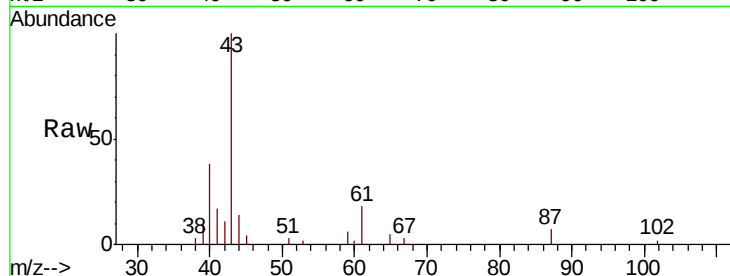
Tot Ion: 43 Resp: 16150

Ion Ratio Lower Upper

43 100

61 17.9 20.8 31.2#

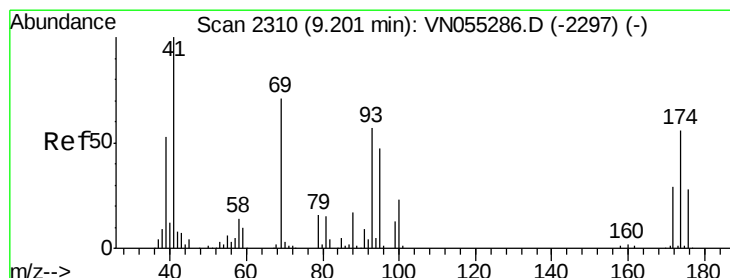
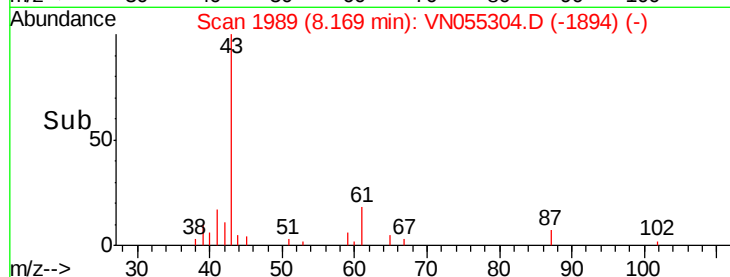
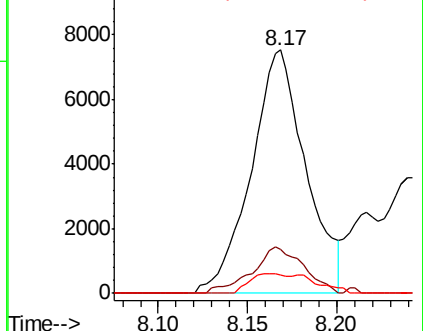
87 5.9 8.5 12.7#



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



#48

Methyl methacrylate

Concen: 2.397 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN055304.D

Acq: 30 Apr 2019 13:29

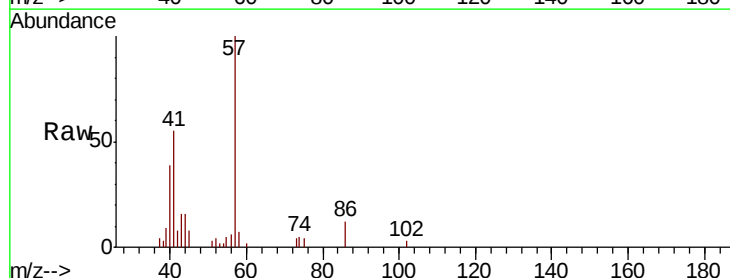
Tgt Ion: 41 Resp: 8612

Ion Ratio Lower Upper

41 100

69 0.0 58.6 87.8#

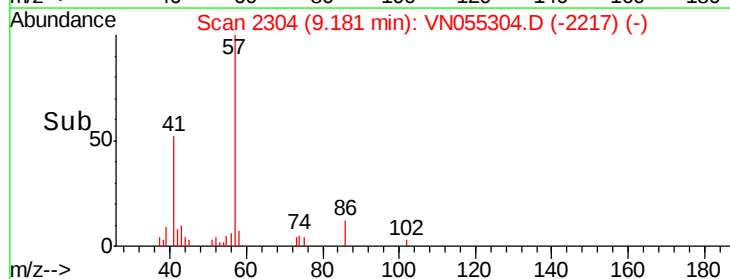
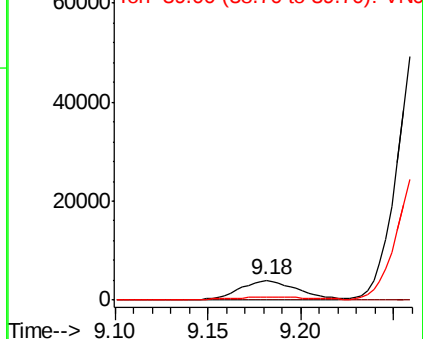
39 0.0 43.8 65.6#

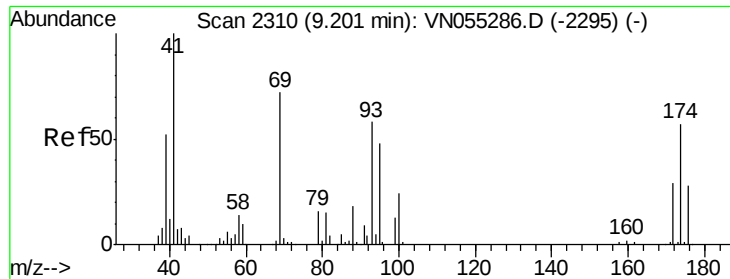


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

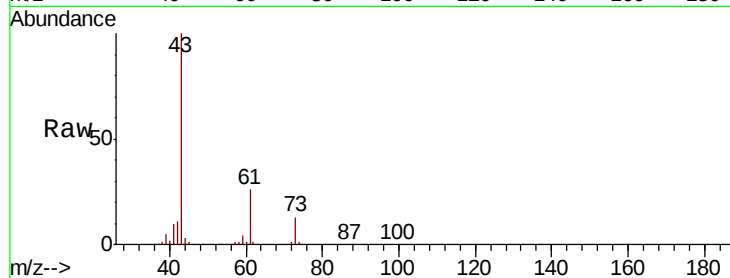




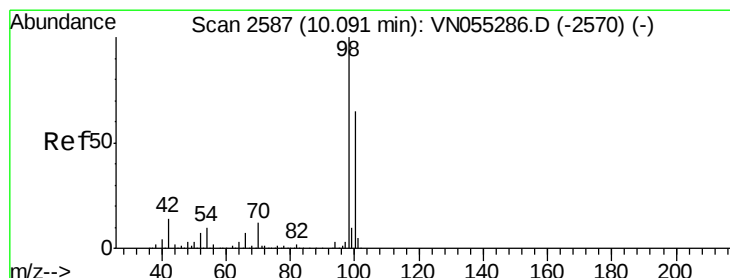
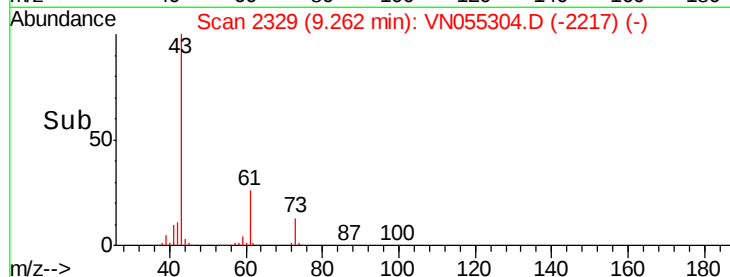
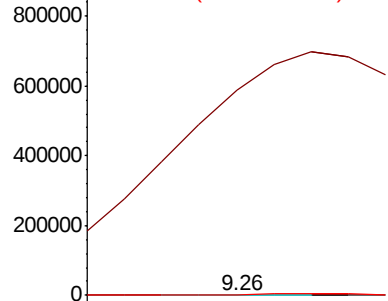
#49
1,4-Dioxane
Concen: 0.889 ug/l
RT: 9.26 min Scan# 2329
Delta R.T. 0.06 min
Lab File: VN055304.D
Acq: 30 Apr 2019 13:29

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 33
Ion Ratio Lower Upper
88 100
43 0.0 33.3 49.9#
58 0.0 62.7 94.1#

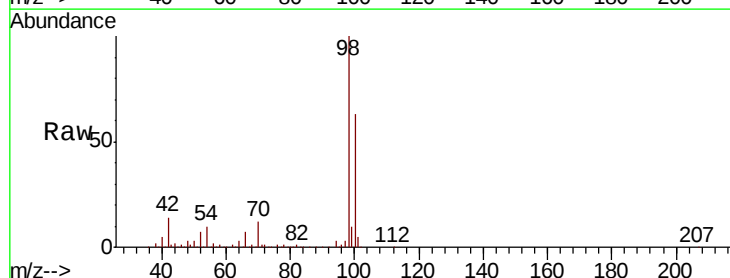


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

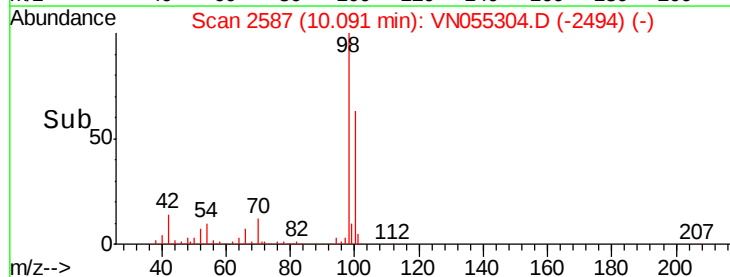
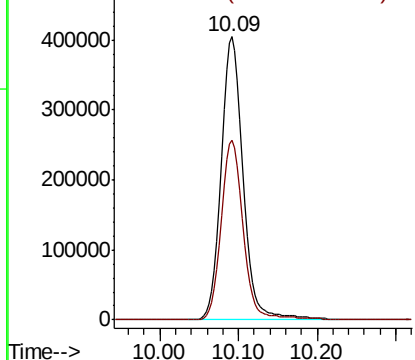


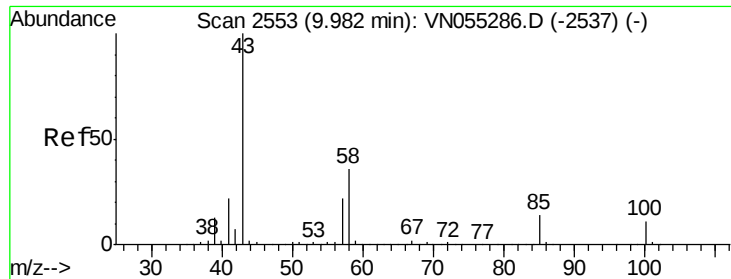
#50
Toluene-d8
Concen: 52.962 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055304.D
Acq: 30 Apr 2019 13:29

Tgt Ion: 98 Resp: 777496
Ion Ratio Lower Upper
98 100
100 64.0 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: 1.118 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055304.D

Acq: 30 Apr 2019 13:29

Instrument :

MSVOA_N

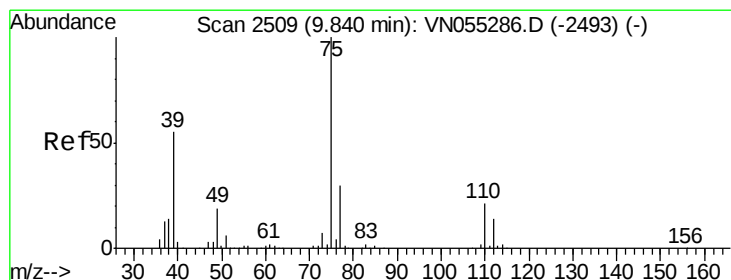
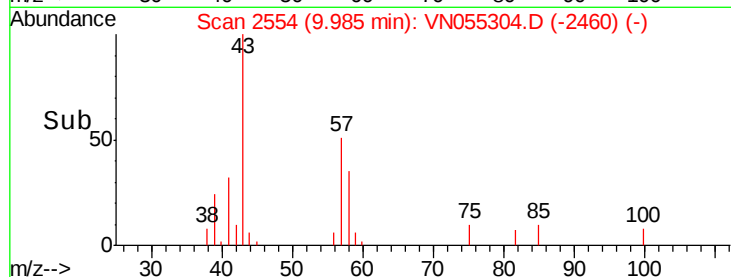
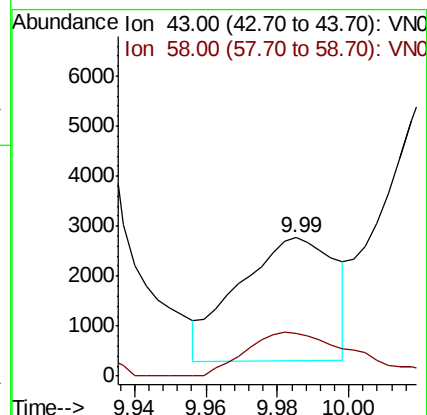
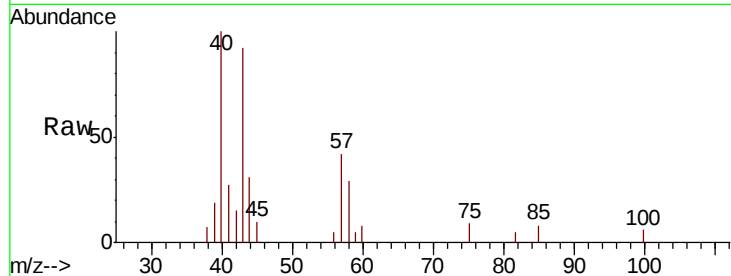
ClientSampled :

Tot Ion: 43 Resp: 4601

Ion Ratio Lower Upper

43 100

58 40.2 28.5 42.7



#54

cis-1,3-Dichloropropene

Concen: 8.278 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN055304.D

Acq: 30 Apr 2019 13:29

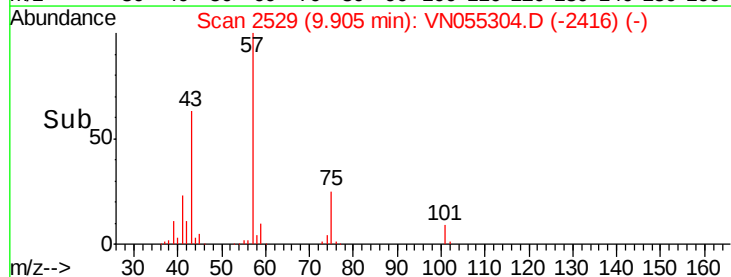
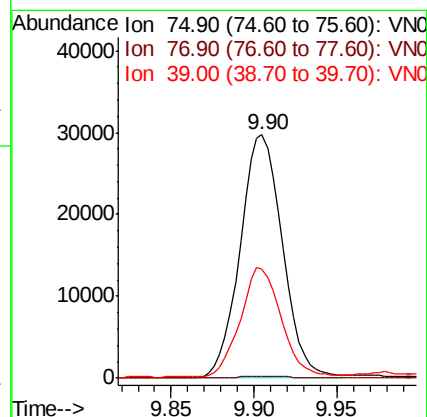
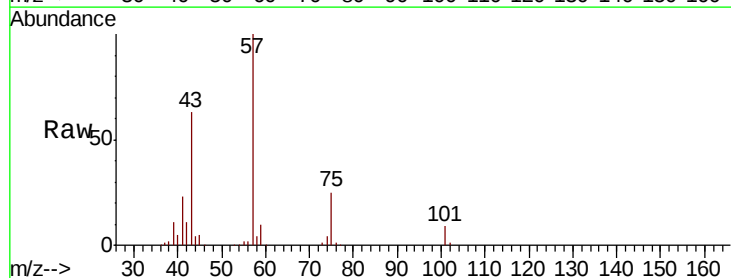
Tgt Ion: 75 Resp: 52997

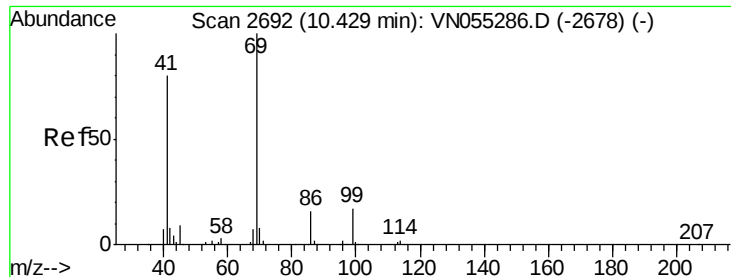
Ion Ratio Lower Upper

75 100

77 0.5 24.2 36.2#

39 44.4 44.2 66.2





#56

Ethyl methacrylate

Concen: 0.266 ug/l

RT: 10.55 min Scan# 2729

Delta R.T. 0.12 min

Lab File: VN055304.D

Acq: 30 Apr 2019 13:29

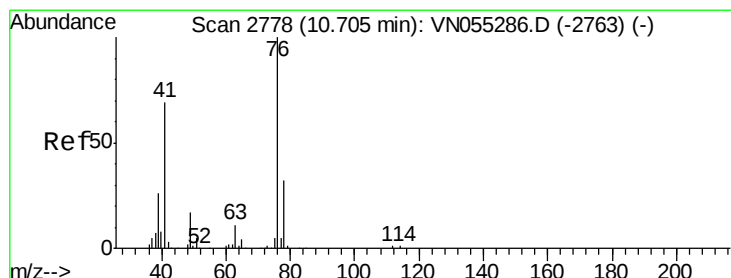
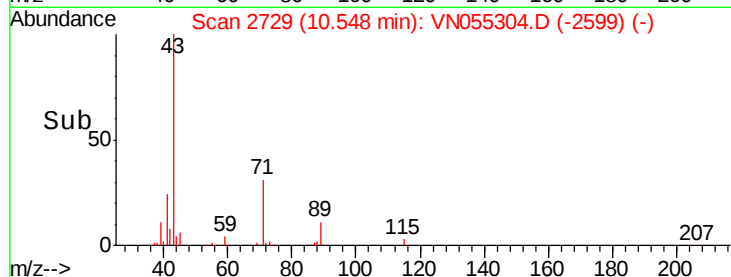
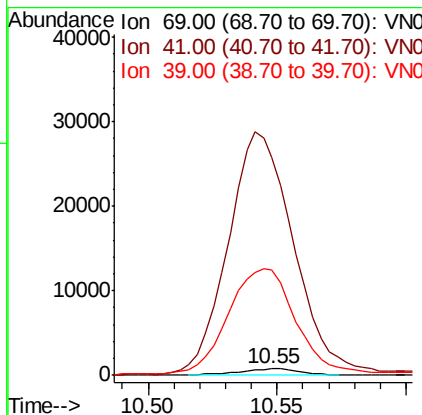
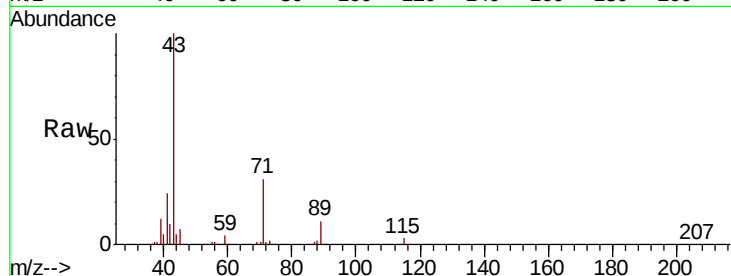
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 69 Resp: 1221

Ion	Ratio	Lower	Upper
69	100		
41	4199.0	62.7	94.1#
39	1843.1	32.0	48.0#



#57

1,3-Dichloropropane

Concen: 1.622 ug/l

RT: 10.76 min Scan# 2796

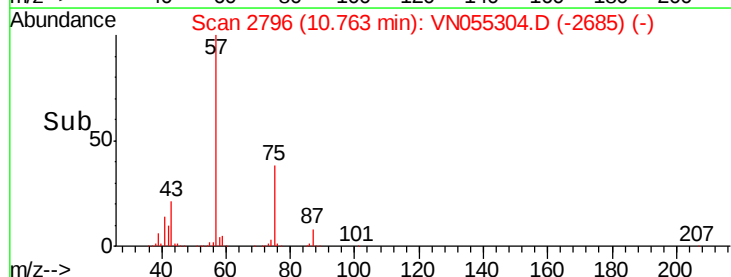
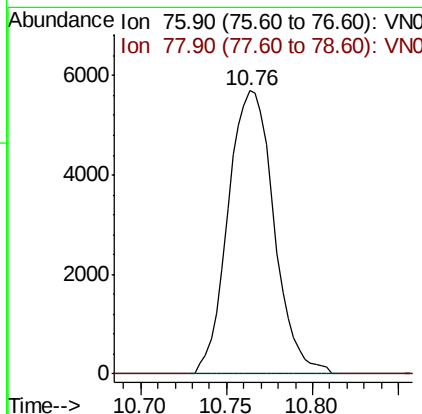
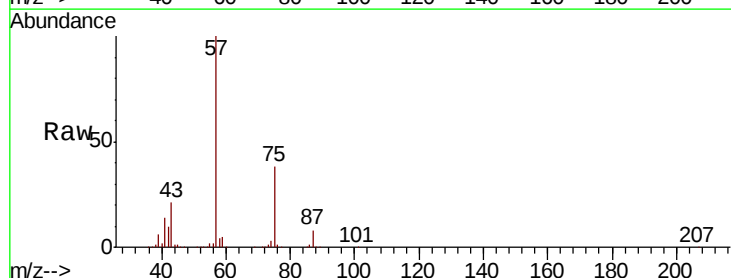
Delta R.T. 0.06 min

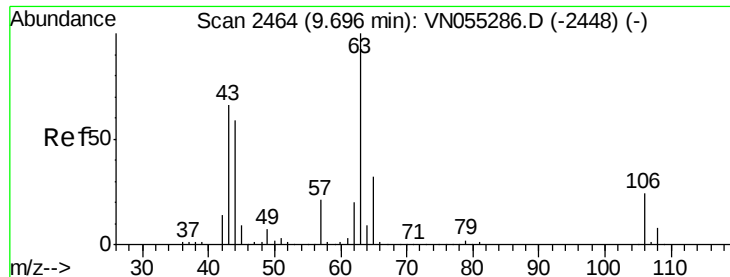
Lab File: VN055304.D

Acq: 30 Apr 2019 13:29

Tgt Ion: 76 Resp: 10606

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#





#58

2-Chloroethyl Vinyl ether

Concen: 12.425 ug/l

RT: 9.80 min Scan# 2496

Delta R.T. 0.10 min

Lab File: VN055304.D

Acq: 30 Apr 2019 13:29

Instrument :

MSVOA_N

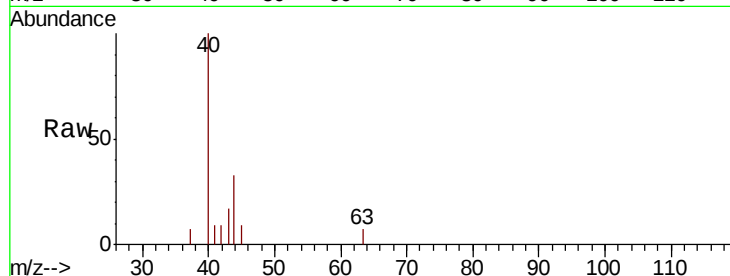
ClientSampleId :

Tot Ion: 63 Resp: 30

Ion Ratio Lower Upper

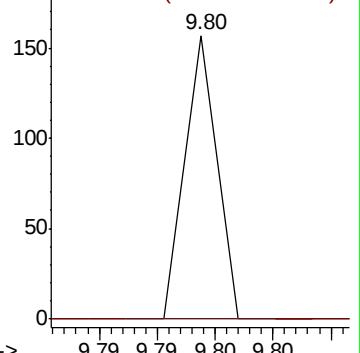
63 100

106 0.0 19.0 28.4#

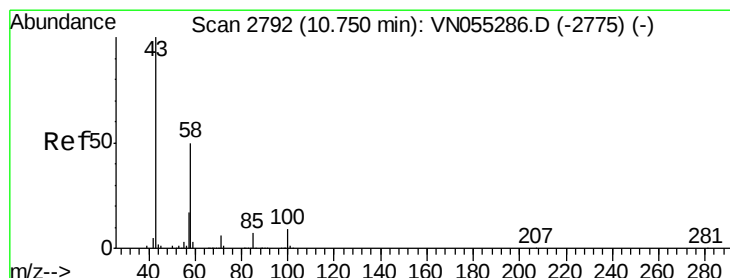
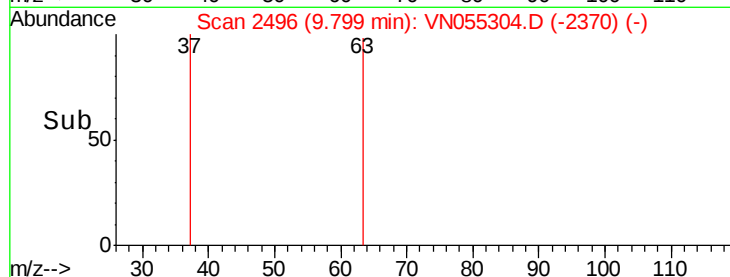


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): VN



Time-->



#59

2-Hexanone

Concen: 67.438 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN055304.D

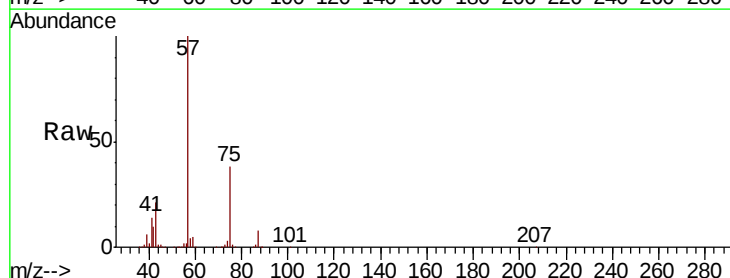
Acq: 30 Apr 2019 13:29

Tgt Ion: 43 Resp: 173600

Ion Ratio Lower Upper

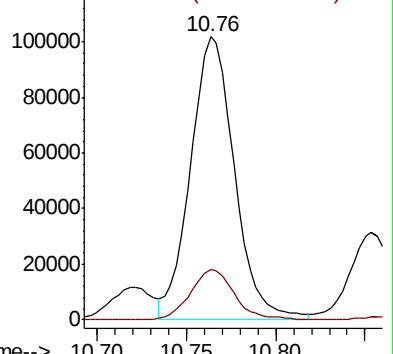
43 100

58 18.0 24.9 74.6#

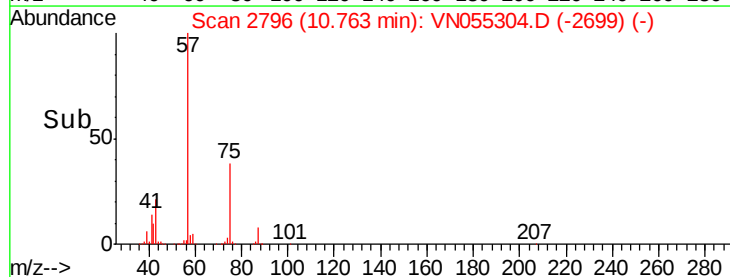


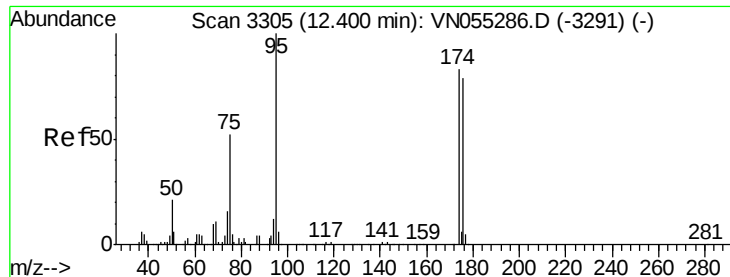
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->





#62

4-Bromofluorobenzene

Concen: 51.238 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055304.D

Acq: 30 Apr 2019 13:29

Instrument :

MSVOA_N

ClientSampleId :

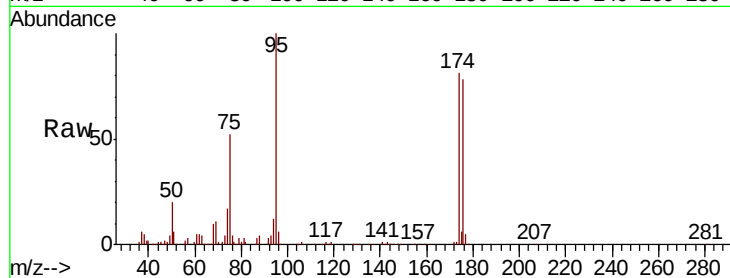
Tot Ion: 95 Resp: 235087

Ion Ratio Lower Upper

95 100

174 82.6 0.0 166.6

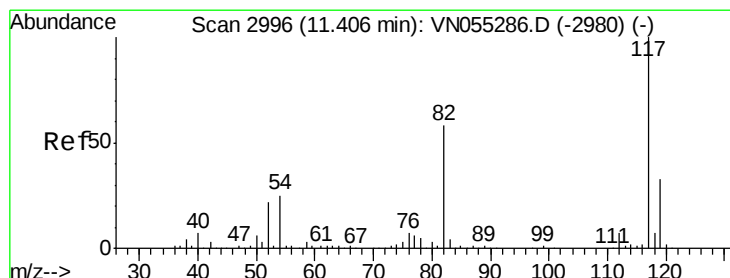
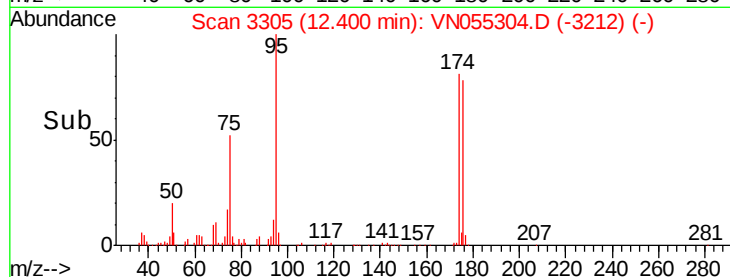
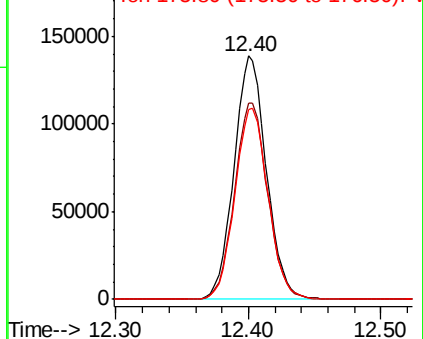
176 80.7 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN055304.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN055304.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN055304.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055304.D

Acq: 30 Apr 2019 13:29

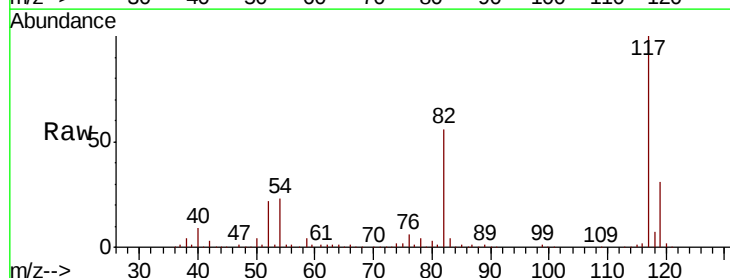
Tgt Ion: 117 Resp: 568645

Ion Ratio Lower Upper

117 100

82 56.4 46.2 69.4

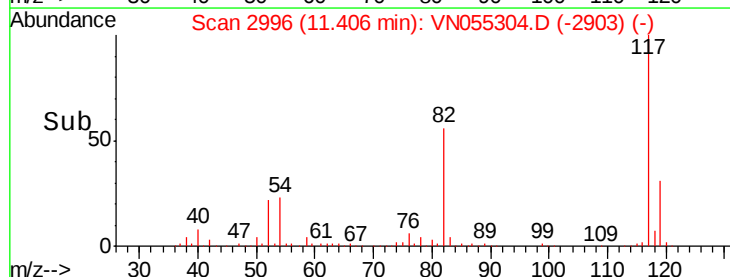
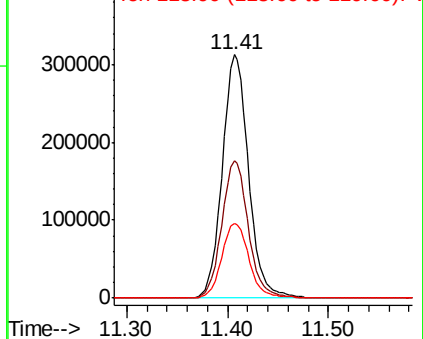
119 30.9 26.6 40.0

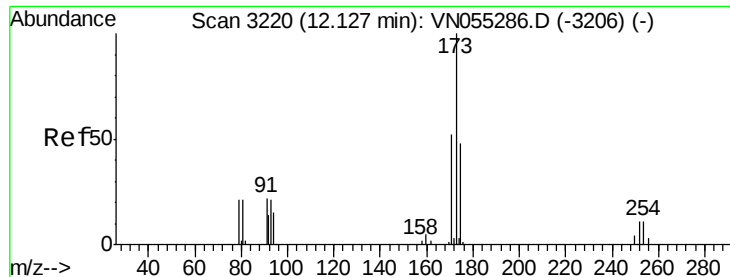


Abundance Ion 116.90 (116.60 to 117.60): VN055304.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055304.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055304.D (-2903) (-)

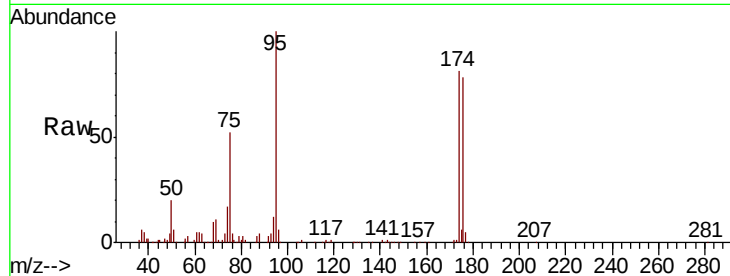




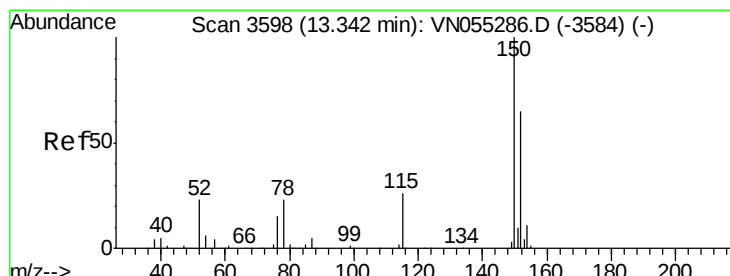
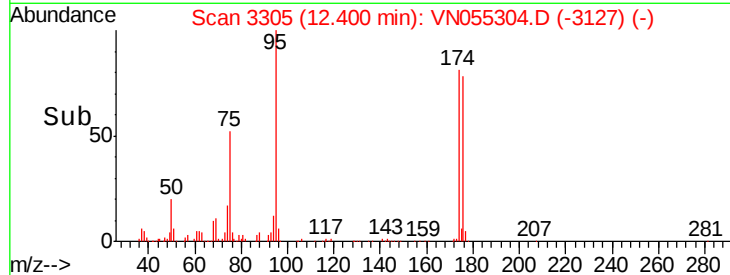
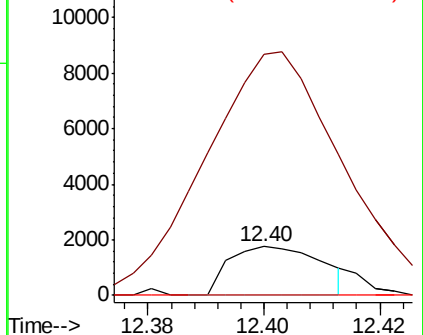
#71
Bromoform
Concen: 0.804 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN055304.D
Acq: 30 Apr 2019 13:29

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 1942
Ion Ratio Lower Upper
173 100
175 644.9 23.6 71.0#
254 0.0 0.0 0.0

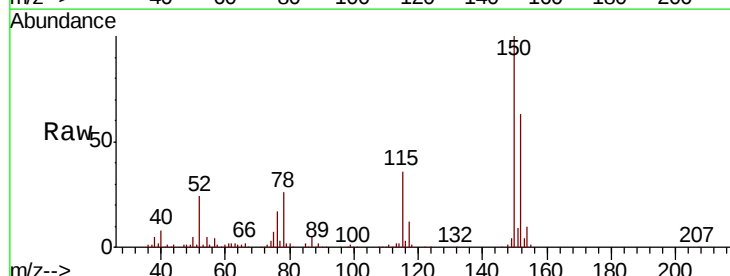


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

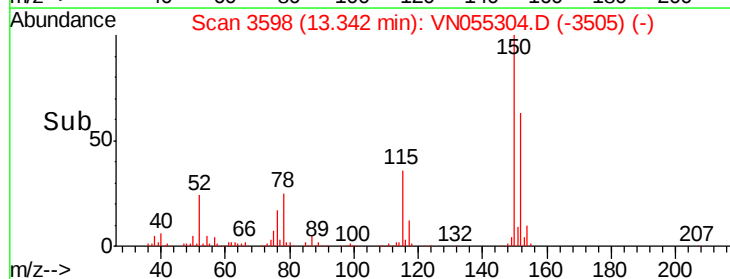
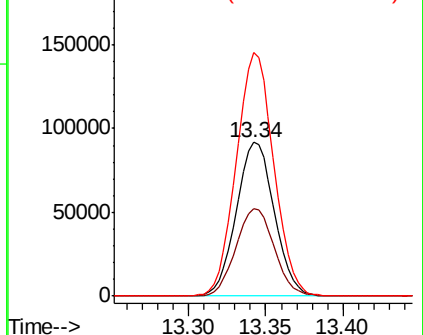


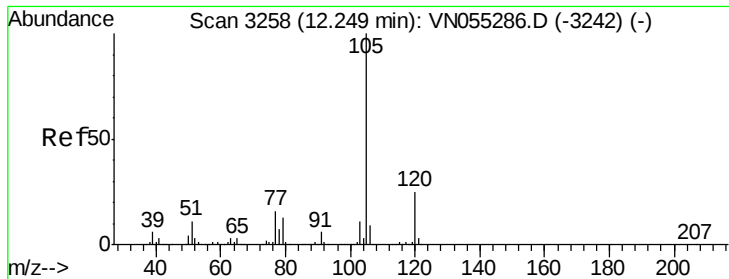
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055304.D
Acq: 30 Apr 2019 13:29

Tgt Ion:152 Resp: 156653
Ion Ratio Lower Upper
152 100
115 57.6 29.0 87.0
150 156.2 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: VN055304.D

Acq: 30 Apr 2019 13:29

Instrument :

MSVOA_N

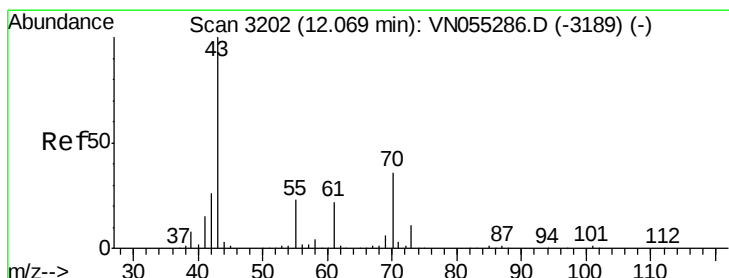
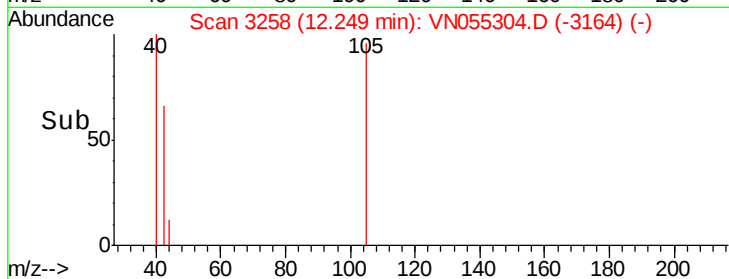
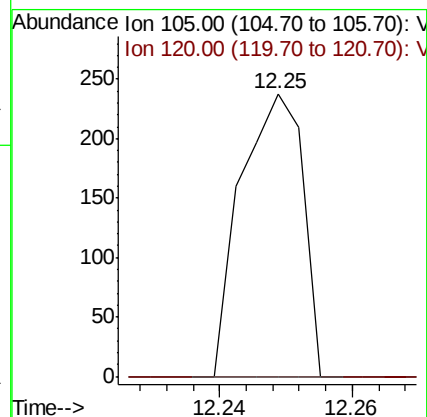
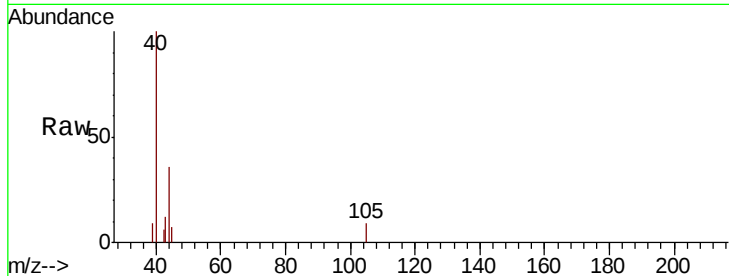
ClientSampled :

Tot Ion:105 Resp: 155

Ion Ratio Lower Upper

105 100

120 0.0 12.9 38.7#



#74

N-ethyl acetate

Concen: 4.087 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN055304.D

Acq: 30 Apr 2019 13:29

Tgt Ion: 43 Resp: 16433

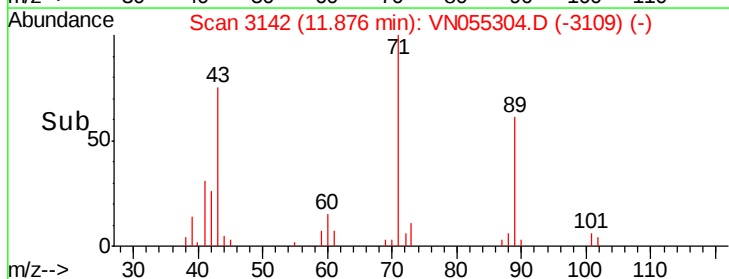
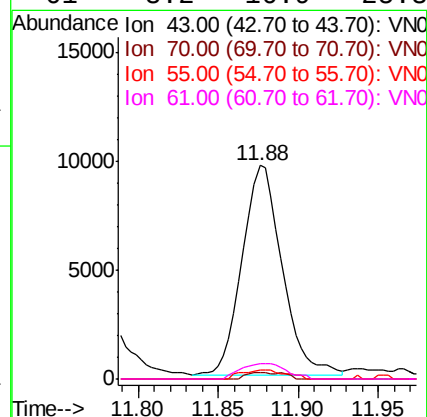
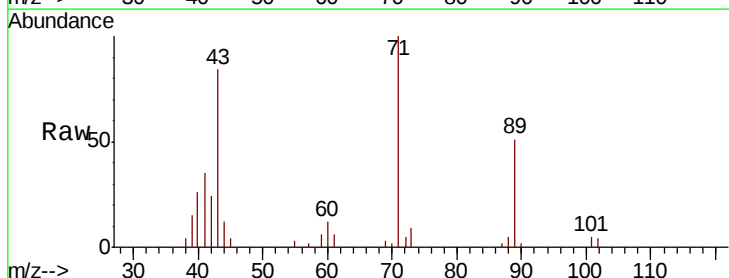
Ion Ratio Lower Upper

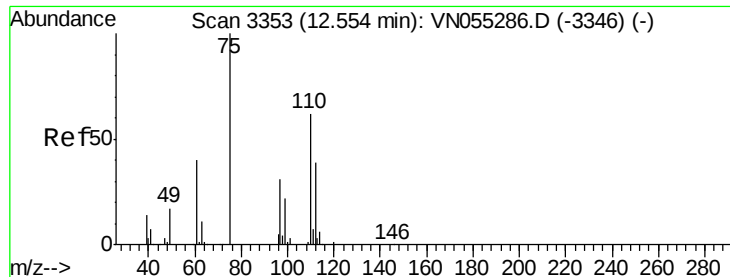
43 100

70 2.8 27.9 41.9#

55 4.8 18.2 27.2#

61 8.2 16.9 25.3#





#76

1,2,3-Trichloropropane

Concen: 41.839 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055304.D

Acq: 30 Apr 2019 13:29

Instrument :

MSVOA_N

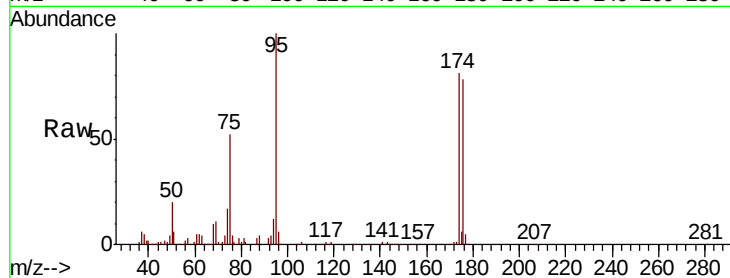
ClientSampled :

Tot Ion: 75 Resp: 123024

Ion Ratio Lower Upper

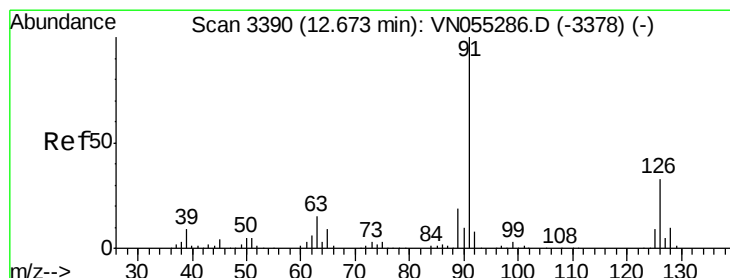
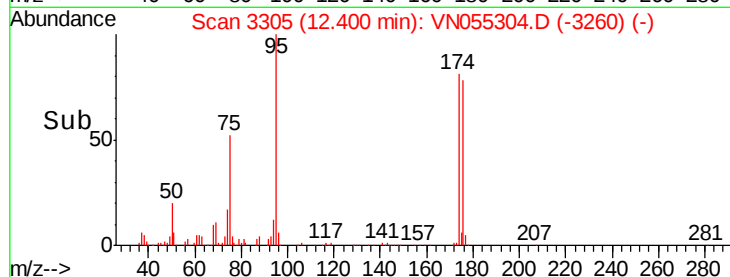
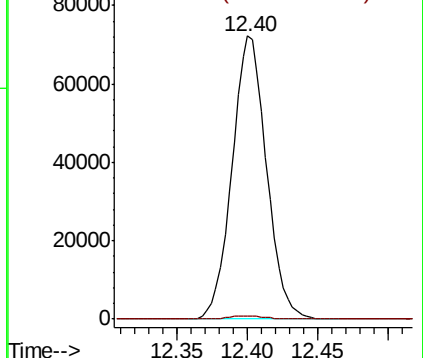
75 100

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



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.67 min Scan# 3388

Delta R.T. -0.01 min

Lab File: VN055304.D

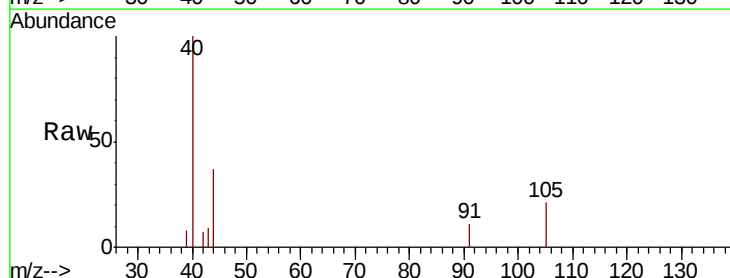
Acq: 30 Apr 2019 13:29

Tgt Ion: 91 Resp: 253

Ion Ratio Lower Upper

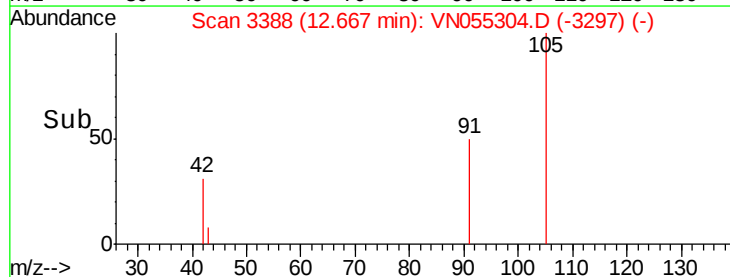
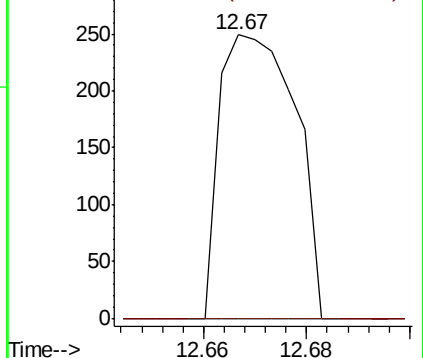
91 100

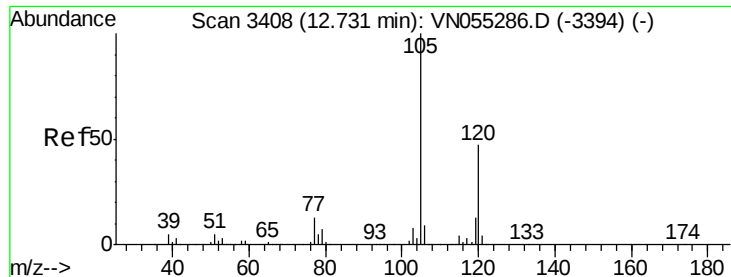
126 0.0 16.6 49.7#



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: 0.270 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055304.D

Acq: 30 Apr 2019 13:29

Instrument :

MSVOA_N

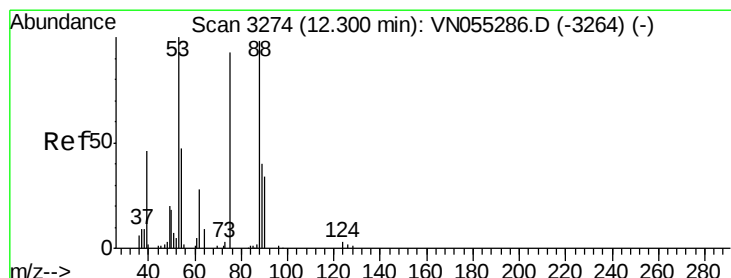
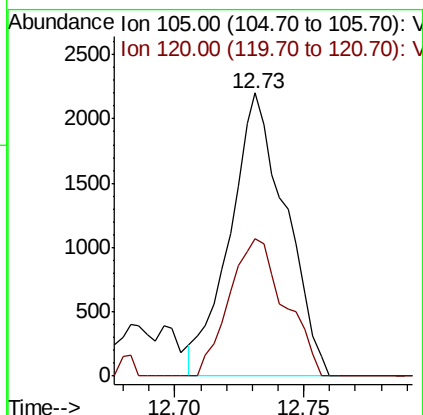
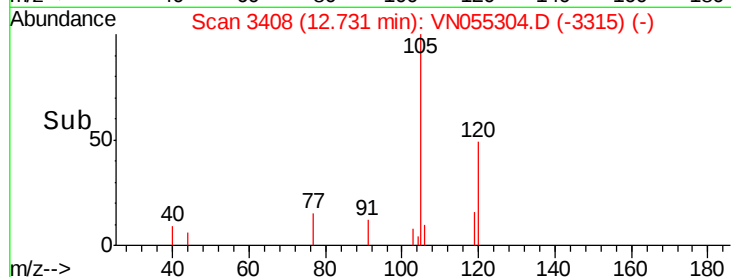
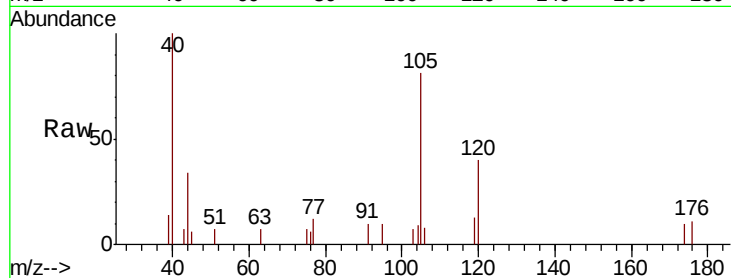
ClientSampled :

Tot Ion:105 Resp: 3315

Ion Ratio Lower Upper

105 100

120 48.4 23.4 70.0



#81

trans-1,4-Dichloro-2-butene

Concen: 148.825 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055304.D

Acq: 30 Apr 2019 13:29

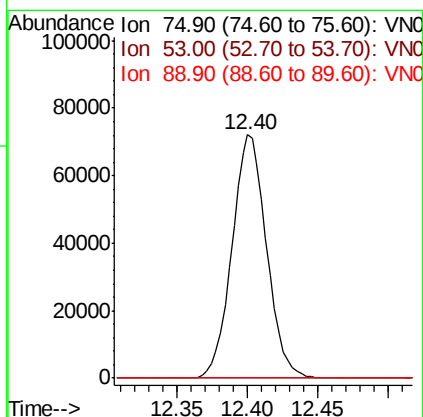
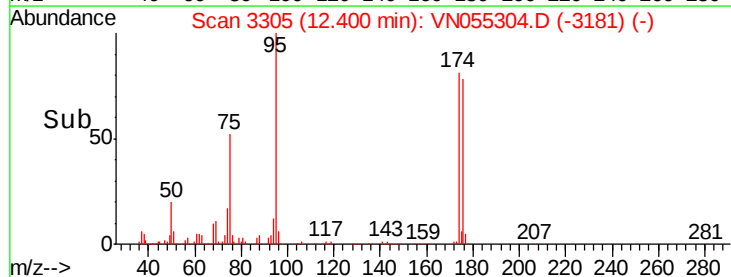
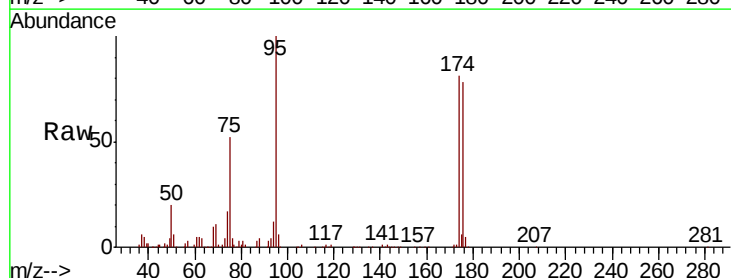
Tgt Ion: 75 Resp: 123024

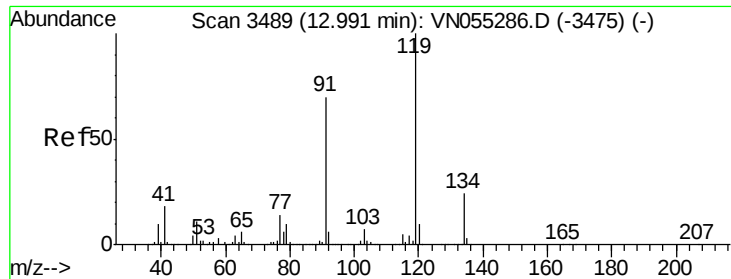
Ion Ratio Lower Upper

75 100

53 0.0 86.3 129.5#

89 0.0 34.6 51.8#

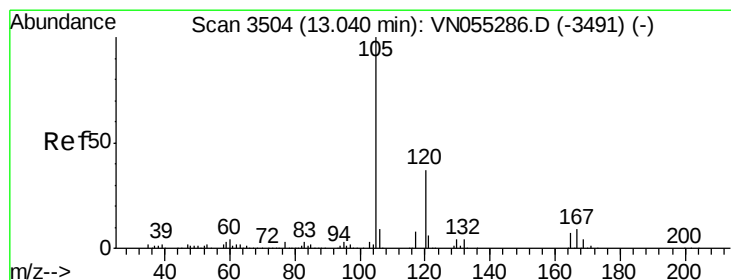
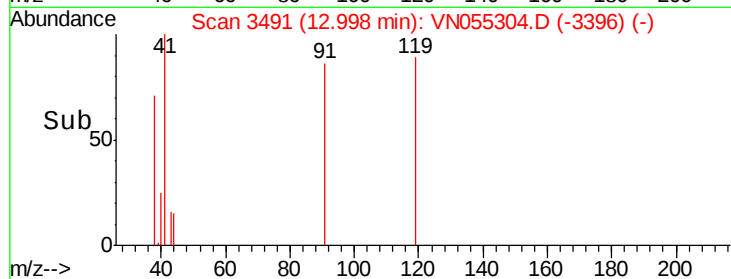
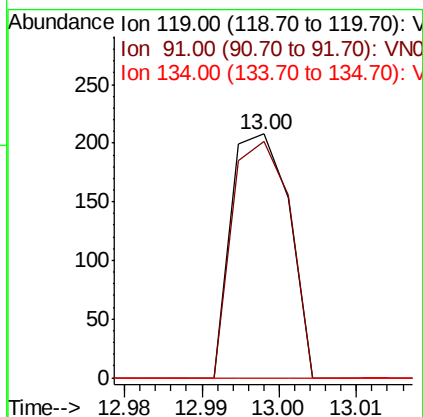
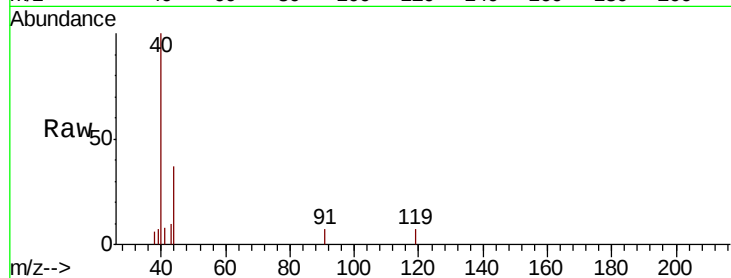




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.01 min
 Lab File: VN055304.D
 Acq: 30 Apr 2019 13:29

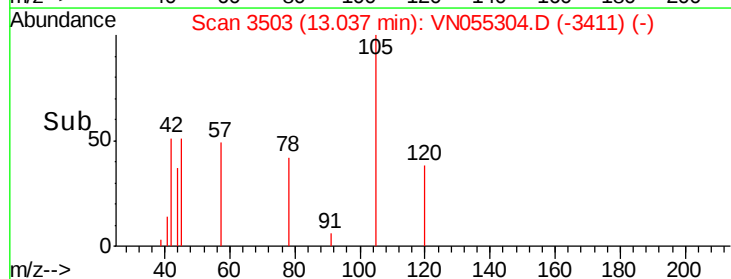
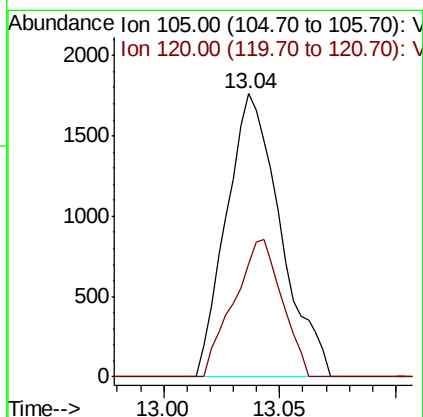
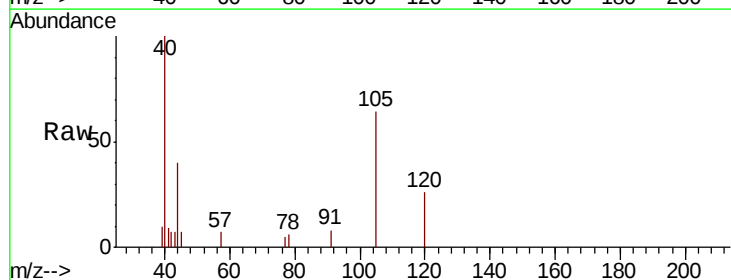
Instrument :
 MSVOA_N
 ClientSampled :

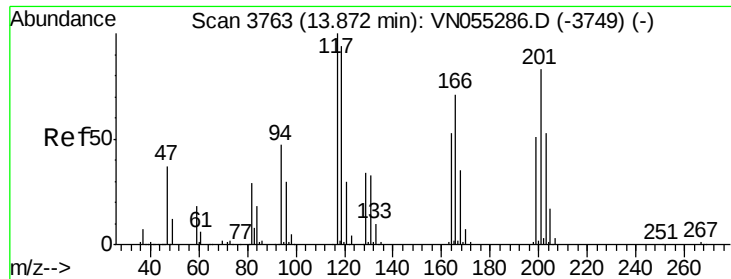
Tot Ion:119 Resp: 108
 Ion Ratio Lower Upper
 119 100
 91 97.2 34.3 102.9
 134 0.0 13.1 39.3#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.260 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN055304.D
 Acq: 30 Apr 2019 13:29

Tgt Ion:105 Resp: 2854
 Ion Ratio Lower Upper
 105 100
 120 43.1 22.1 66.5





#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN055304.D

Acq: 30 Apr 2019 13:29

Instrument :

MSVOA_N

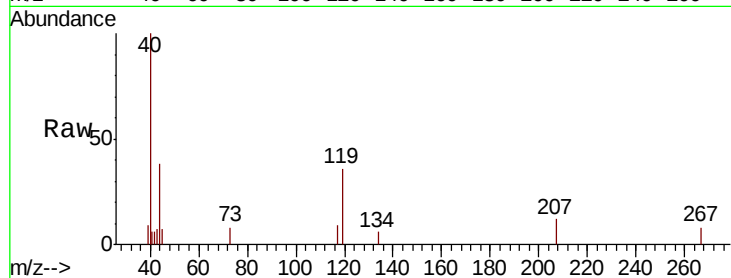
ClientSampled :

Tot Ion:117 Resp: 233

Ion Ratio Lower Upper

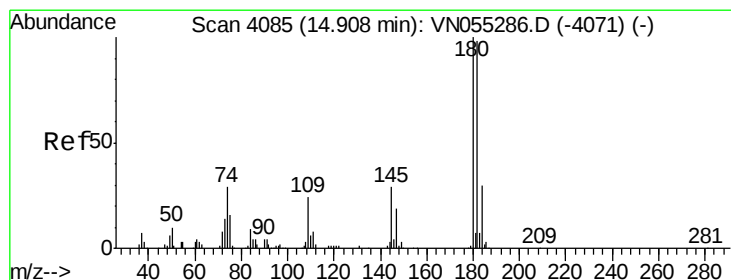
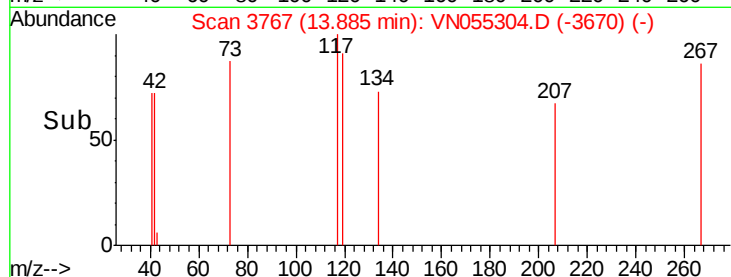
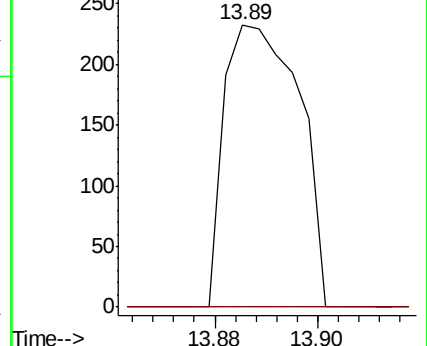
117 100

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



#93

1,2,4-Trichlorobenzene

Concen: 3.324 ug/l

RT: 14.92 min Scan# 4088

Delta R.T. 0.01 min

Lab File: VN055304.D

Acq: 30 Apr 2019 13:29

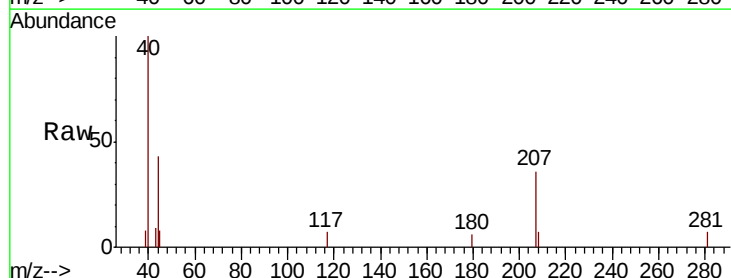
Tgt Ion:180 Resp: 30

Ion Ratio Lower Upper

180 100

182 200.0 48.3 144.9#

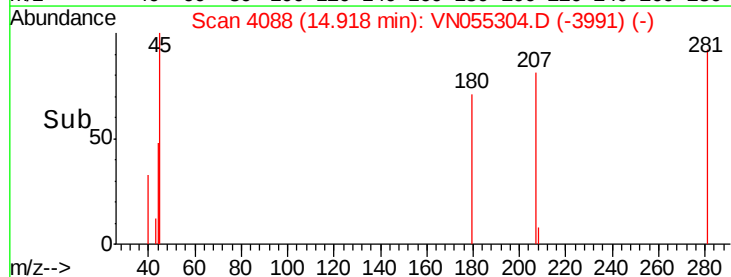
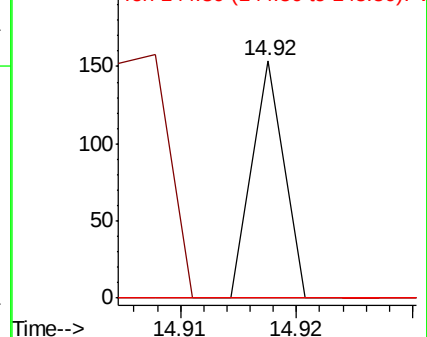
145 0.0 14.2 42.6#

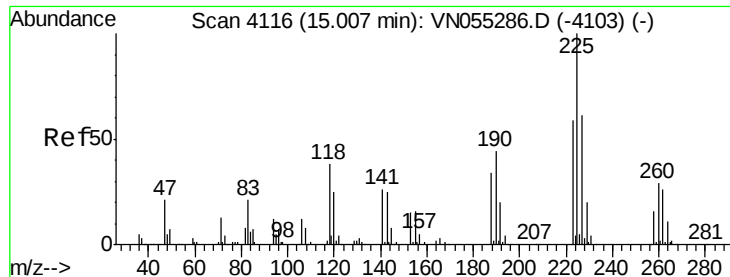


Abundance Ion 179.80 (179.50 to 180.50): V

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# 4116

Delta R.T. 0.00 min

Lab File: VN055304.D

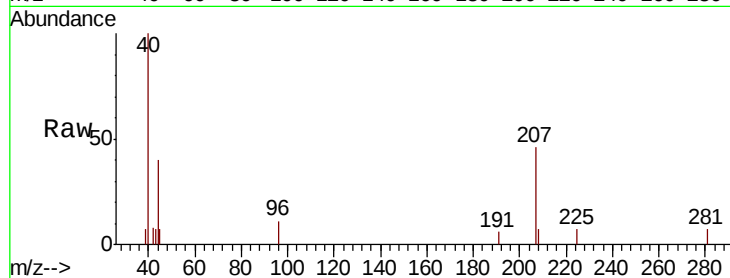
Acq: 30 Apr 2019 13:29

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:	225	Resp:	69
Ion	Ratio	Lower	Upper
225	100		
223	0.0	30.3	90.8#
227	0.0	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

15.01

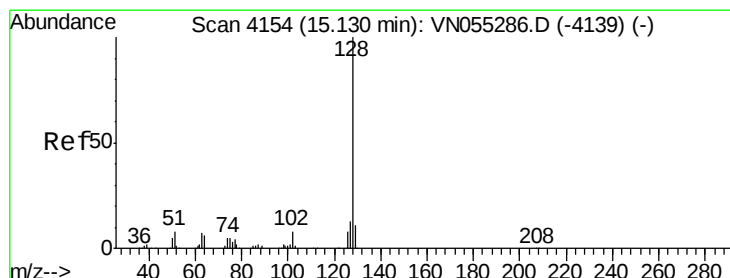
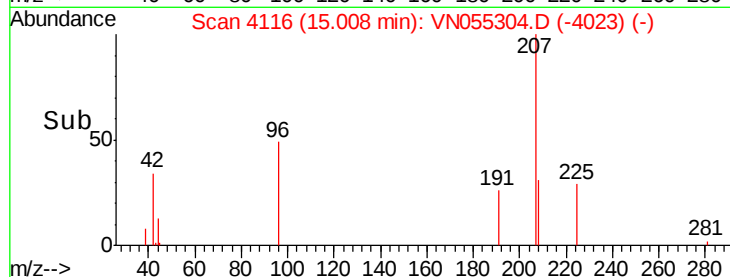
150

100

50

0

Time--> 14.99 15.00 15.01



#95

Naphthalene

Concen: 3.635 ug/l

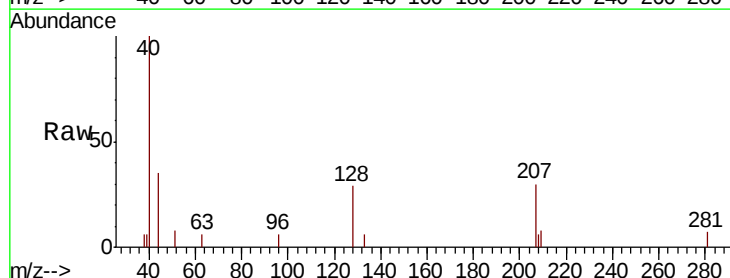
RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN055304.D

Acq: 30 Apr 2019 13:29

Tgt Ion:	128	Resp:	1432
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.7	16.1#
129	0.0	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

15.14

1000

800

600

400

200

0

Time--> 15.10 15.15

