

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN043019\
 Data File : VN055306.D
 Acq On : 30 Apr 2019 14:20
 Operator : JC/SP
 Sample : K2194-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 01 05:18:14 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	382094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	665335	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	607175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	180369	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	266728	53.36	ug/l	0.00
Spiked Amount			Recovery	=	106.72%	
35) Dibromofluoromethane	7.59	113	212111	48.57	ug/l	0.00
Spiked Amount			Recovery	=	97.14%	
50) Toluene-d8	10.09	98	820001	52.00	ug/l	0.00
Spiked Amount			Recovery	=	104.00%	
62) 4-Bromofluorobenzene	12.40	95	254319	51.60	ug/l	0.00
Spiked Amount			Recovery	=	103.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.55	41	11526	1.474	ug/l #	27
16) Acetone	3.82	43	22061	14.164	ug/l	99
17) Carbon Disulfide	4.06	76	2803	0.285	ug/l #	83
18) Methyl Acetate	4.34	43	5288	0.366	ug/l #	86
20) Methylene Chloride	4.55	84	234252	49.274	ug/l	98
25) 2-Butanone	6.85	43	470	0.236	ug/l #	53
29) Tetrahydrofuran	7.20	42	455	0.357	ug/l #	72
30) Chloroform	7.37	83	5092	0.649	ug/l #	78
31) Cyclohexane	7.66	56	8381	1.066	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	29936	4.697	ug/l #	50
38) Carbon Tetrachloride	7.66	117	35930	5.845	ug/l #	15
41) Methacrylonitrile	7.16	41	107	0.780	ug/l #	5
43) Isopropyl Acetate	8.17	43	17436	2.221	ug/l #	88
45) 1,2-Dichloropropane	9.27	63	1374	0.254	ug/l #	45
48) Methyl methacrylate	9.18	41	7726	2.002	ug/l #	18
51) 4-Methyl-2-Pentanone	9.99	43	6060	1.371	ug/l	97
54) cis-1,3-Dichloropropene	9.90	75	57042	8.294	ug/l #	70
57) 1,3-Dichloropropane	10.76	76	10483	1.493	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.91	63	312	12.599	ug/l #	52
59) 2-Hexanone	10.76	43	179768	65.014	ug/l #	53
68) m/p-Xylenes	11.62	106	1924	0.251	ug/l	100
71) Bromoform	12.40	173	2459	0.953	ug/l #	1
73) Isopropylbenzene	12.24	105	424	Below Cal	#	49
76) 1,2,3-Trichloropropane	12.40	75	132926	39.100	ug/l #	100
79) 2-Chlorotoluene	12.67	91	85	Below Cal	#	42
80) 1,3,5-Trimethylbenzene	12.73	105	7738	0.547	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	132926	139.660	ug/l #	7
83) tert-Butylbenzene	12.99	119	59	Below Cal	#	25
84) 1,2,4-Trimethylbenzene	13.04	105	6950	0.550	ug/l	95
90) Hexachloroethane	13.89	117	811	Below Cal	#	7
92) 1,2-Dibromo-3-Chloropropan	14.48	75	169	0.356	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	33	3.324	ug/l #	1
95) Naphthalene	15.13	128	33073	9.486	ug/l	99

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

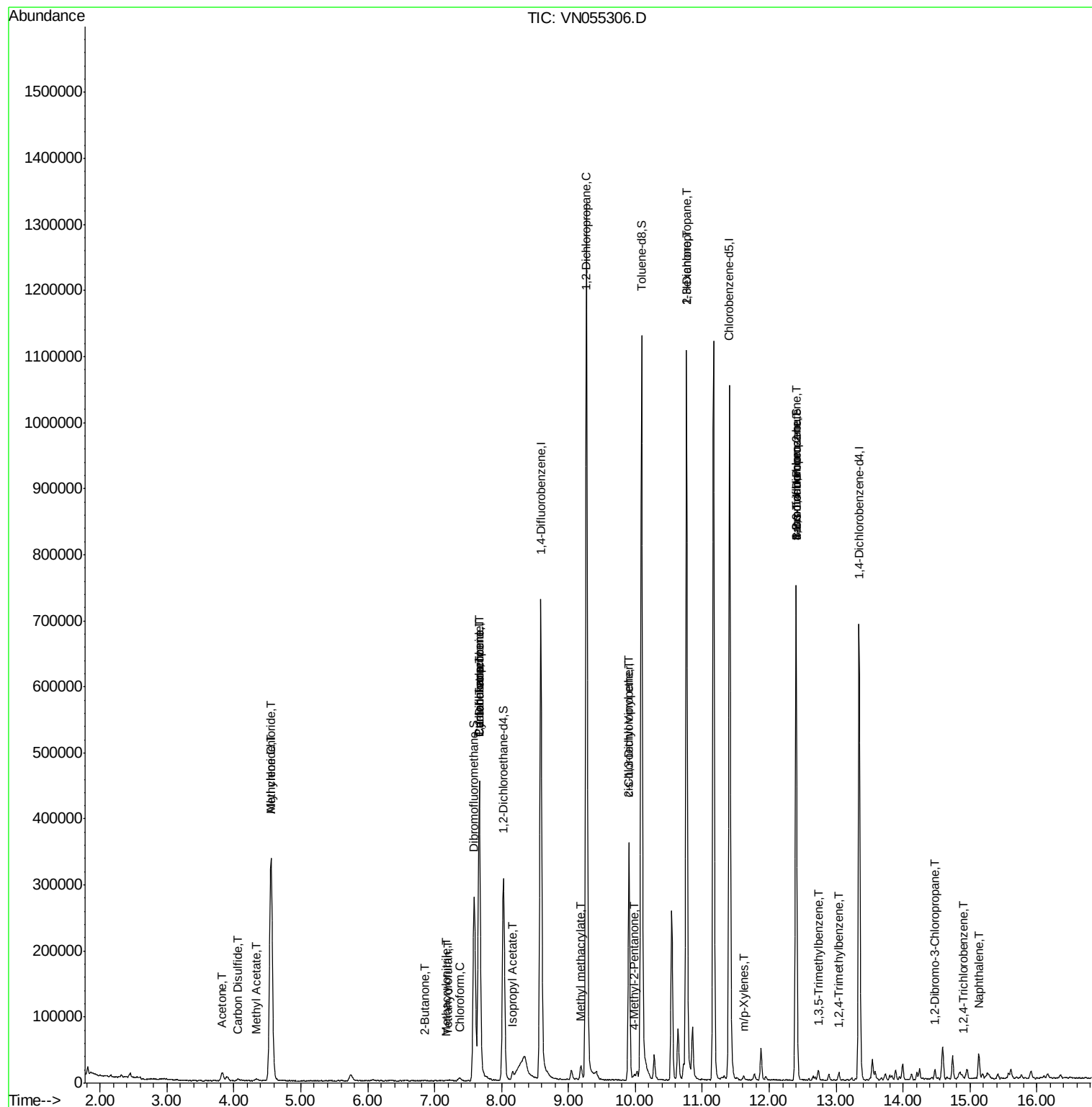
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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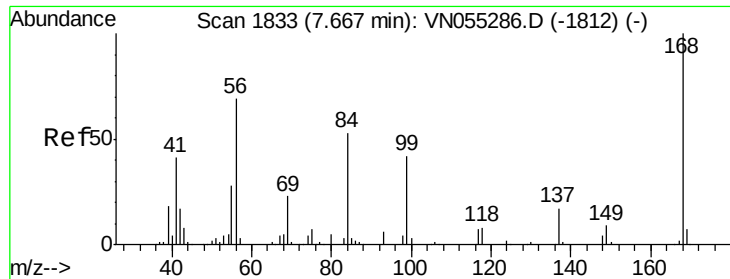
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VN055306.D

Acq: 30 Apr 2019 14:20

Instrument :

MSVOA_N

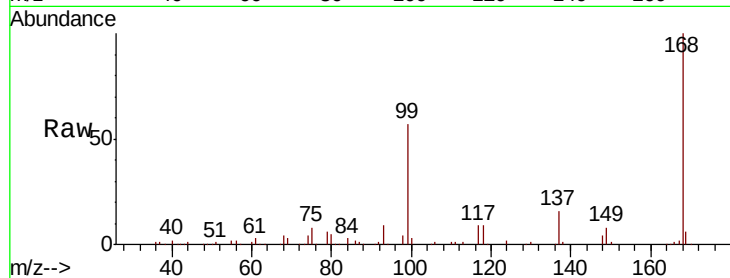
ClientSampleId :

Tot Ion:168 Resp: 382094

Ion Ratio Lower Upper

168 100

99 56.7 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

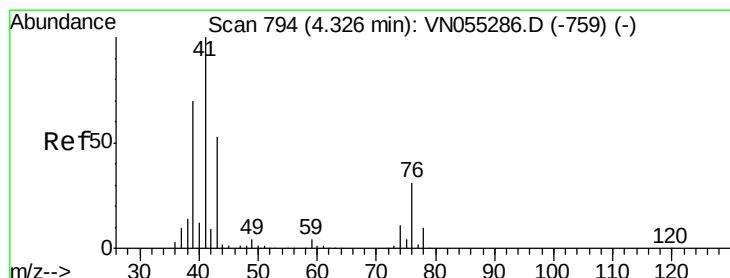
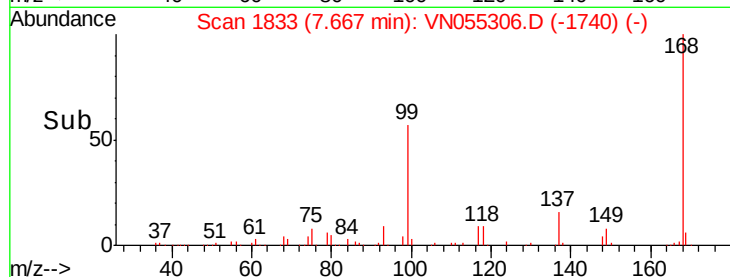
150000

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 1.474 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.23 min

Lab File: VN055306.D

Acq: 30 Apr 2019 14:20

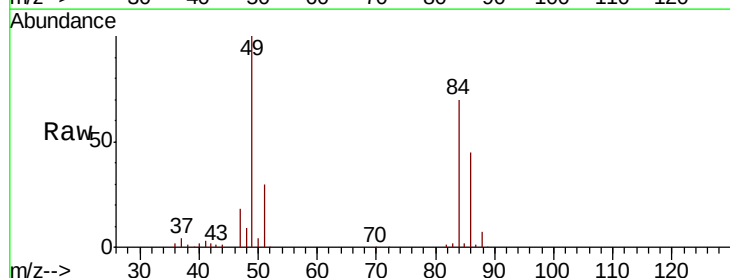
Tgt Ion: 41 Resp: 11526

Ion Ratio Lower Upper

41 100

39 2.0 53.0 79.6#

76 0.0 22.7 34.1#



Abundance Ion 41.00 (40.70 to 41.70): VN

Ion 39.00 (38.70 to 39.70): VN

Ion 75.90 (75.60 to 76.60): VN

4.55

5000

4000

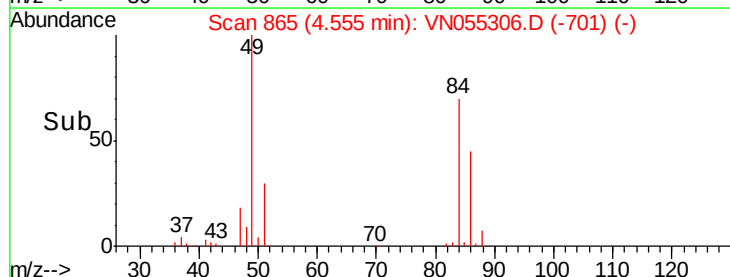
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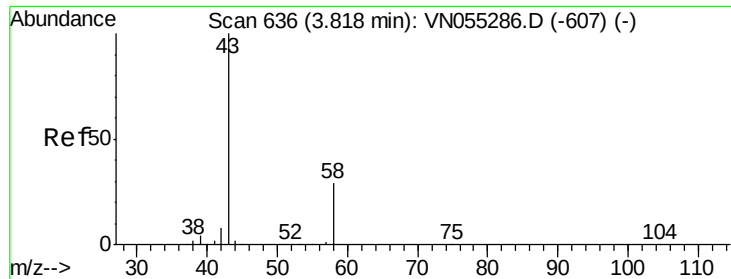
2000

1000

0

Time-->





#16

Acetone

Concen: 14.164 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055306.D

Acq: 30 Apr 2019 14:20

Instrument :

MSVOA_N

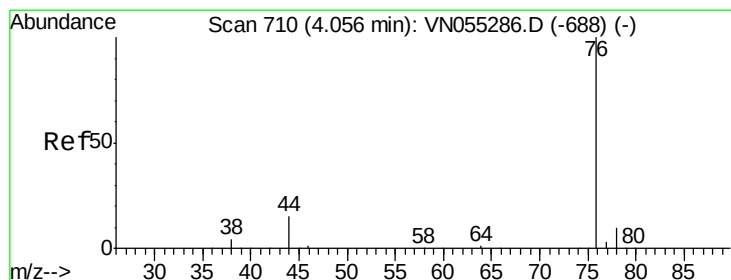
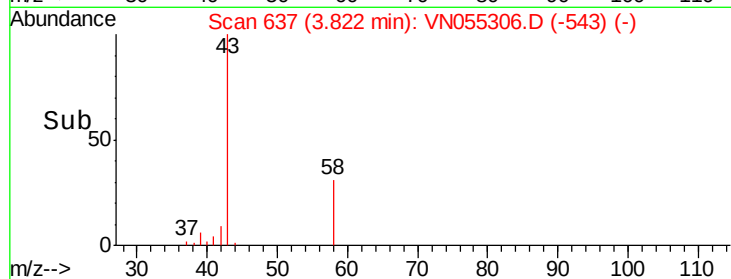
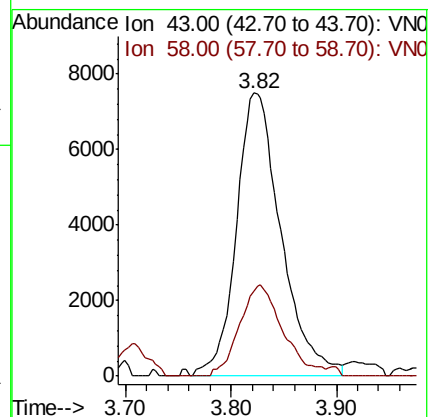
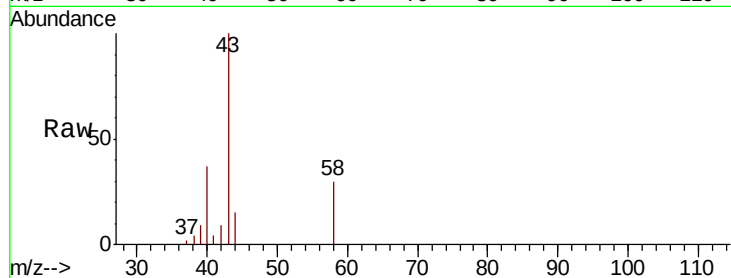
ClientSampleId :

Tot Ion: 43 Resp: 22061

Ion Ratio Lower Upper

43 100

58 30.2 23.6 35.4



#17

Carbon Disulfide

Concen: 0.285 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN055306.D

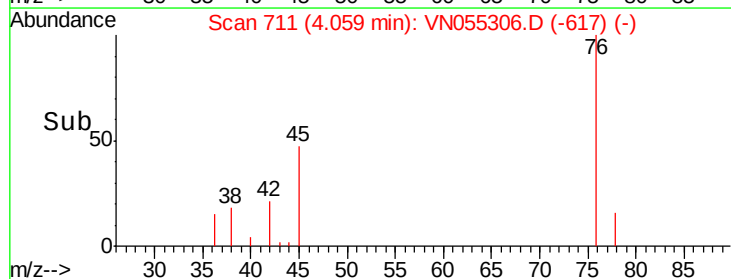
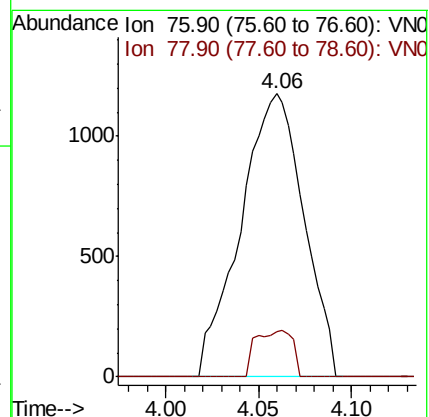
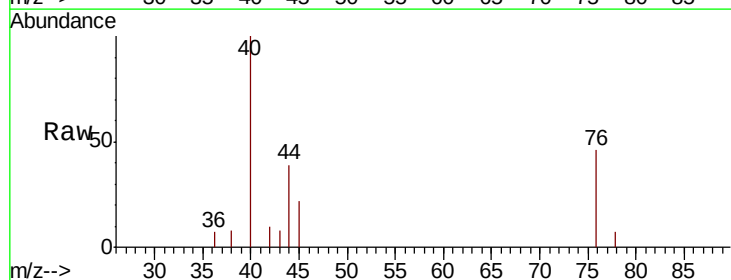
Acq: 30 Apr 2019 14:20

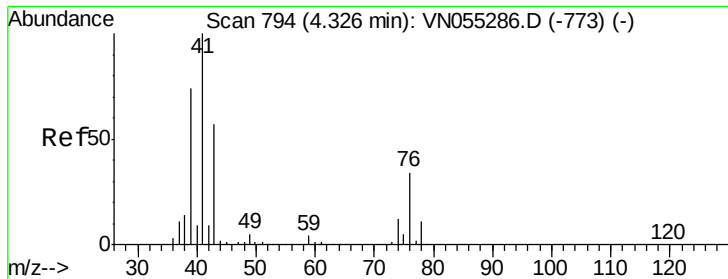
Tgt Ion: 76 Resp: 2803

Ion Ratio Lower Upper

76 100

78 15.8 7.6 11.4#

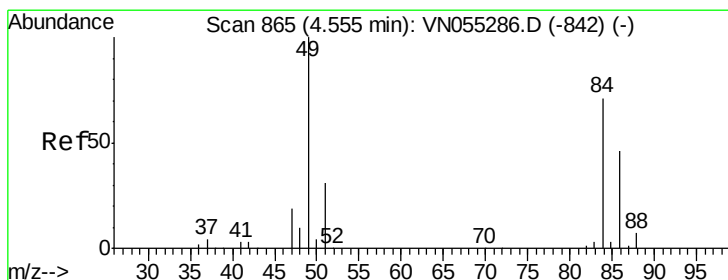
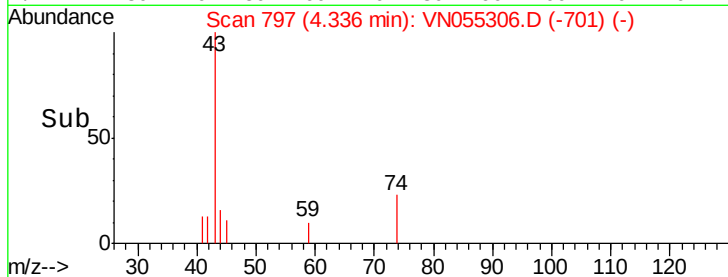
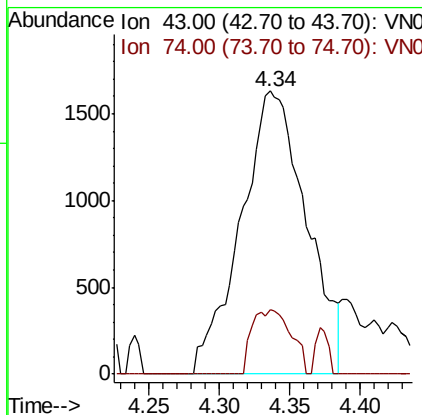
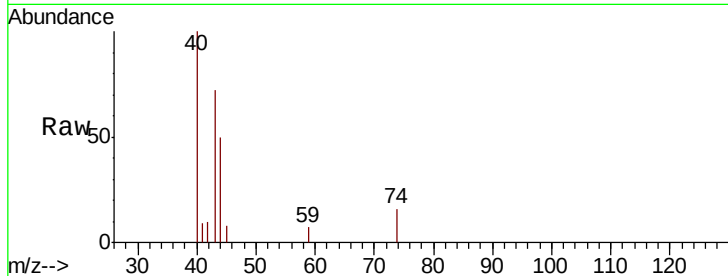




#18
Methyl Acetate
Concen: 0.366 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN055306.D
Acq: 30 Apr 2019 14:20

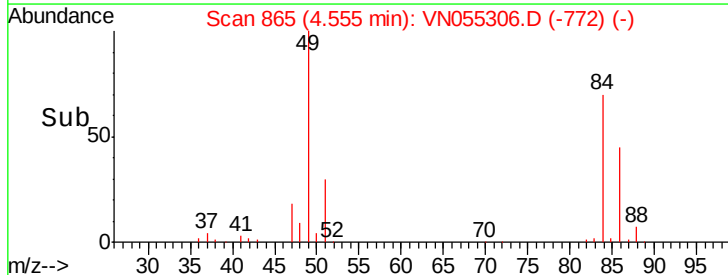
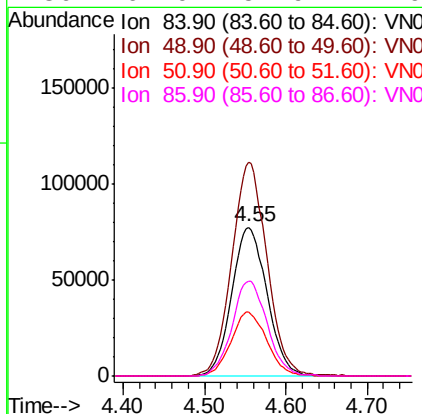
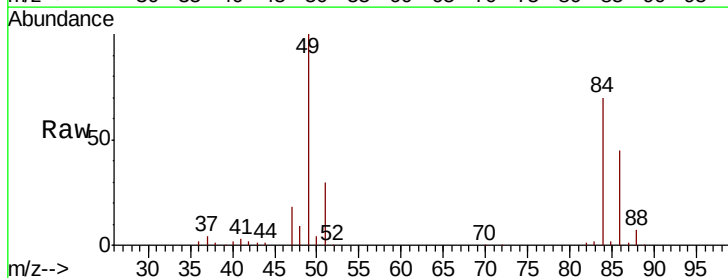
Instrument :
MSVOA_N
ClientSampleId :

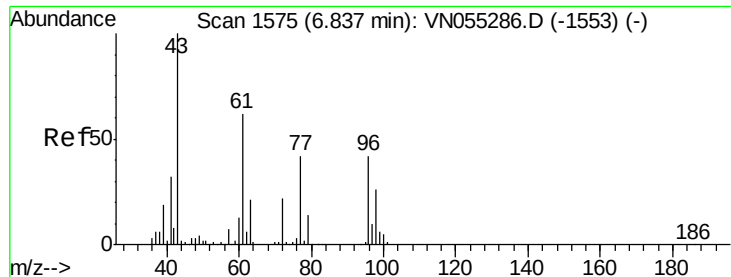
Tot Ion: 43 Resp: 5288
Ion Ratio Lower Upper
43 100
74 13.5 15.8 23.8#



#20
Methylene Chloride
Concen: 49.274 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055306.D
Acq: 30 Apr 2019 14:20

Tgt Ion: 84 Resp: 234252
Ion Ratio Lower Upper
84 100
49 143.3 112.4 168.6
51 42.9 34.6 51.8
86 64.0 51.9 77.9





#25

2-Butanone

Concen: 0.236 ug/l

RT: 6.85 min Scan# 1579

Delta R.T. 0.01 min

Lab File: VN055306.D

Acq: 30 Apr 2019 14:20

Instrument :

MSVOA_N

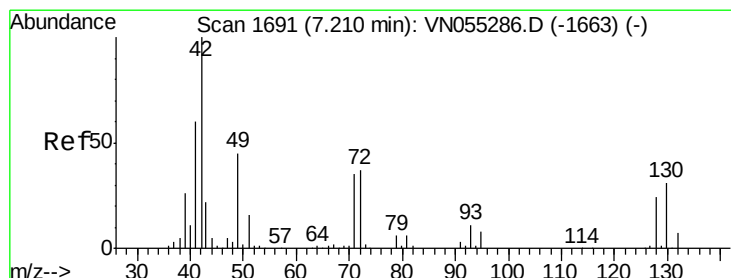
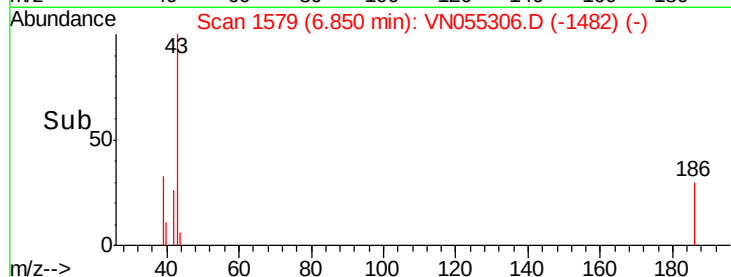
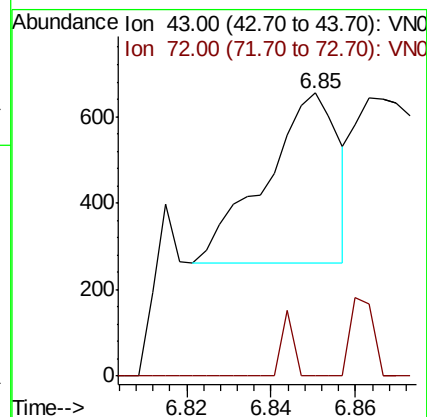
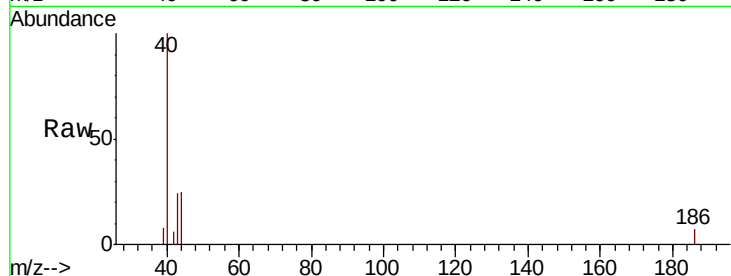
ClientSampled :

Tot Ion: 43 Resp: 470

Ion Ratio Lower Upper

43 100

72 0.0 18.0 27.0#



#29

Tetrahydrofuran

Concen: 0.357 ug/l

RT: 7.20 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VN055306.D

Acq: 30 Apr 2019 14:20

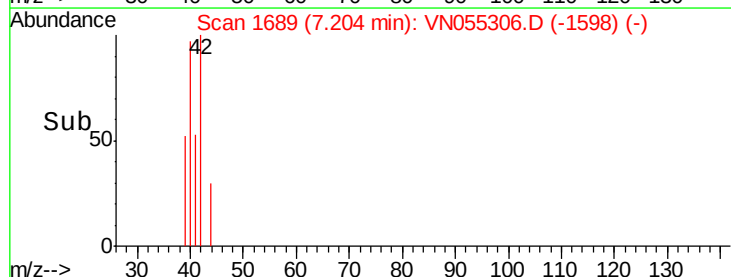
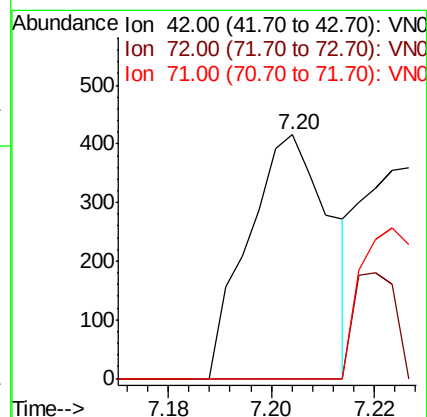
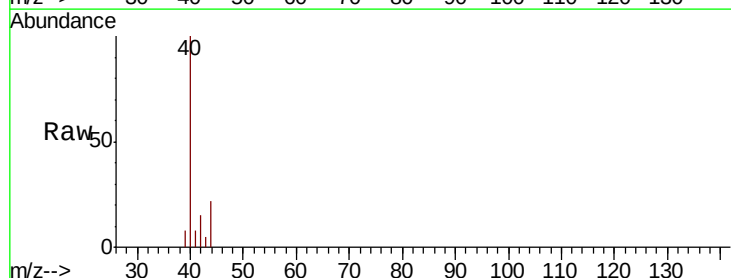
Tgt Ion: 42 Resp: 455

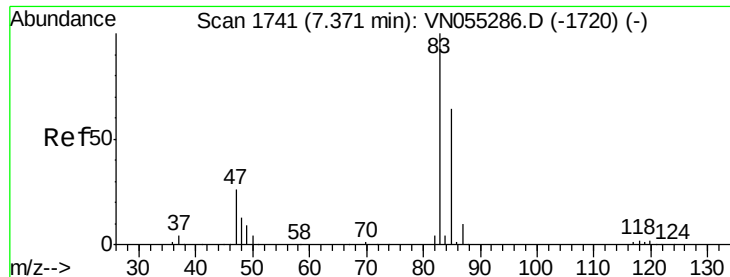
Ion Ratio Lower Upper

42 100

72 22.0 29.0 43.6#

71 52.5 27.1 40.7#

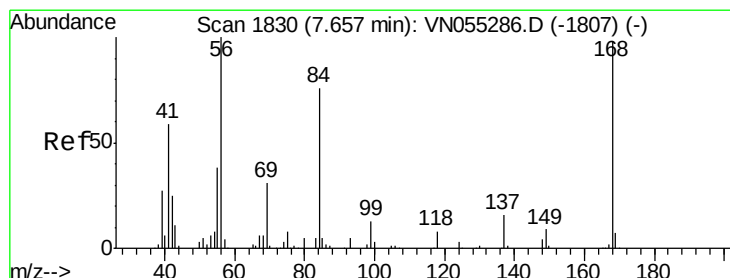
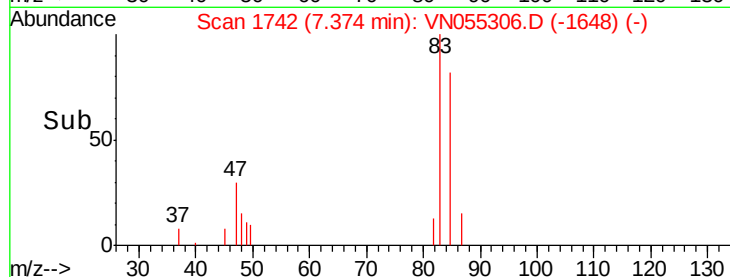
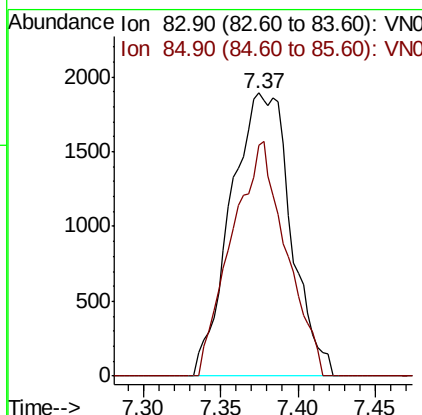
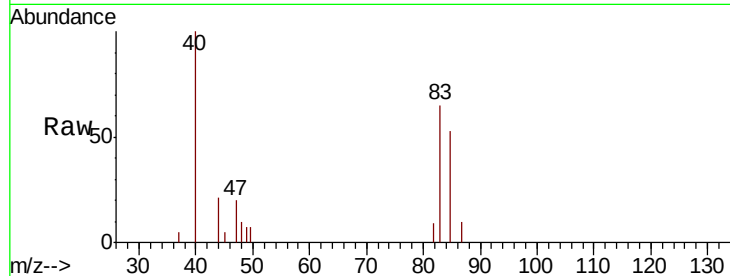




#30
Chloroform
Concen: 0.649 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN055306.D
Acq: 30 Apr 2019 14:20

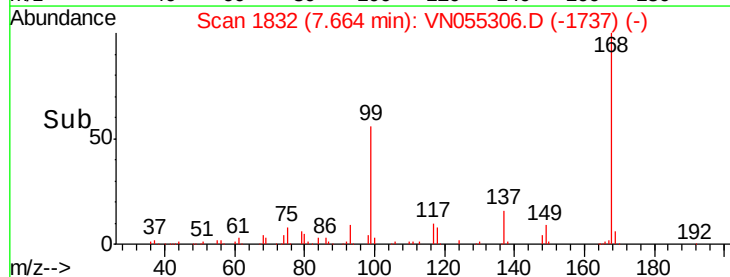
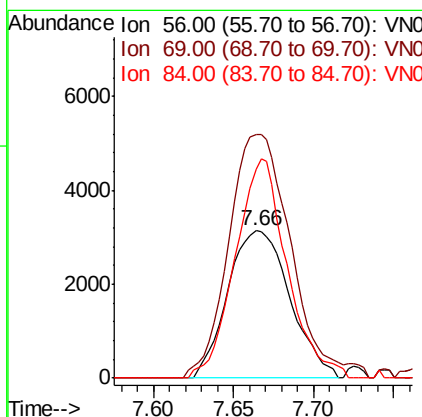
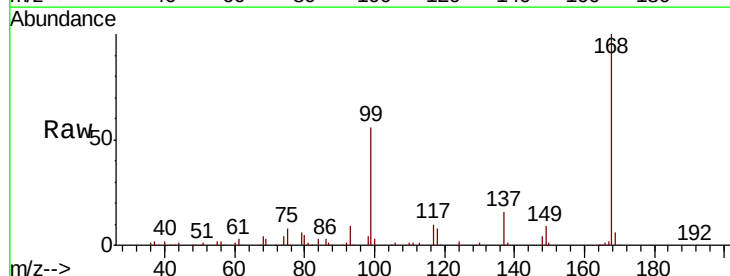
Instrument :
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ClientSampleId :

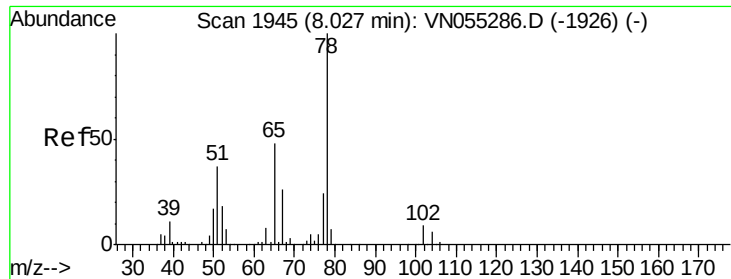
Tot Ion: 83 Resp: 5092
Ion Ratio Lower Upper
83 100
85 81.6 51.4 77.2#



#31
Cyclohexane
Concen: 1.066 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN055306.D
Acq: 30 Apr 2019 14:20

Tgt Ion: 56 Resp: 8381
Ion Ratio Lower Upper
56 100
69 159.5 25.2 37.8#
84 141.6 61.1 91.7#

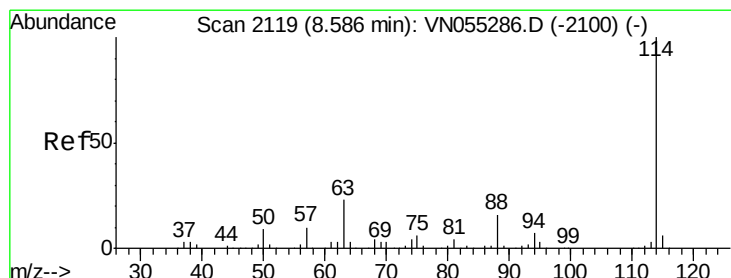
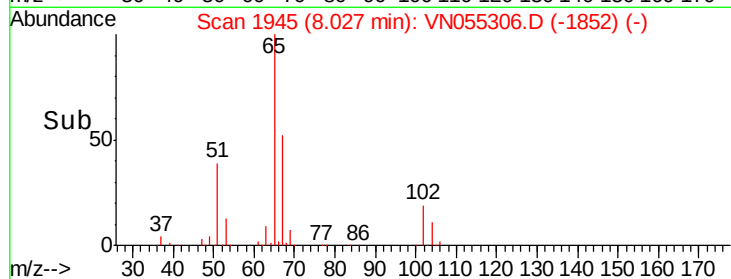
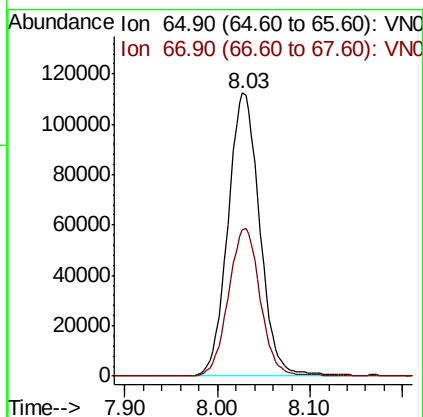
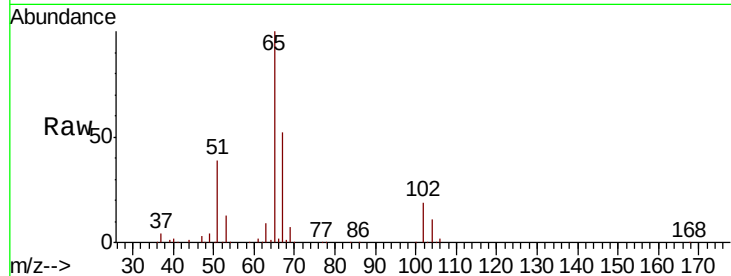




#33
 1,2-Dichloroethane-d4
 Concen: 53.360 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055306.D
 Acq: 30 Apr 2019 14:20

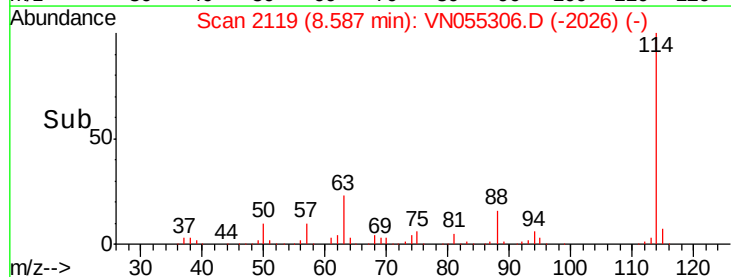
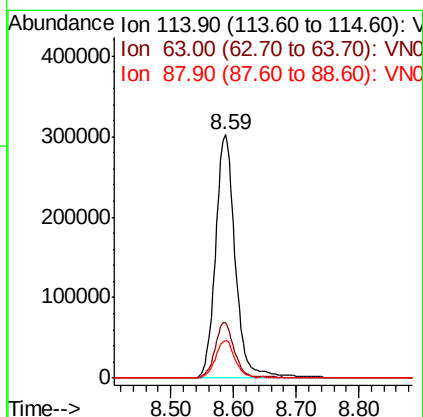
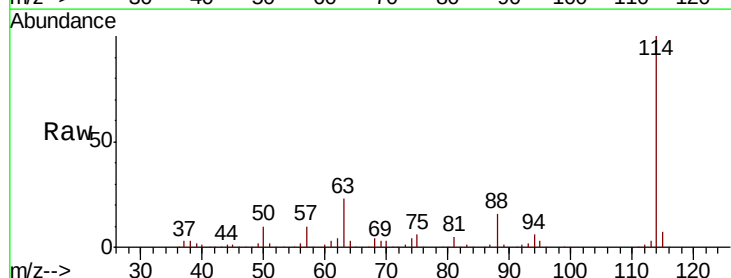
Instrument :
 MSVOA_N
 ClientSampleId :

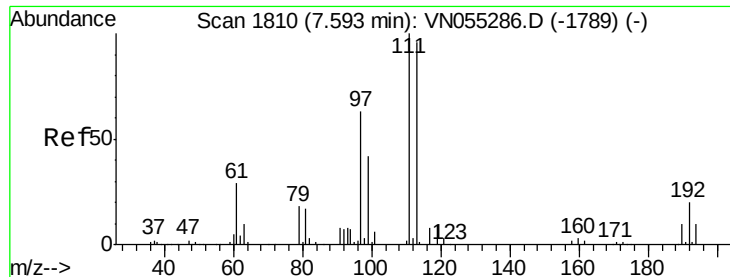
Tot Ion: 65 Resp: 266728
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055306.D
 Acq: 30 Apr 2019 14:20

Tgt Ion: 114 Resp: 665335
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 45.2
 88 15.6 0.0 31.6

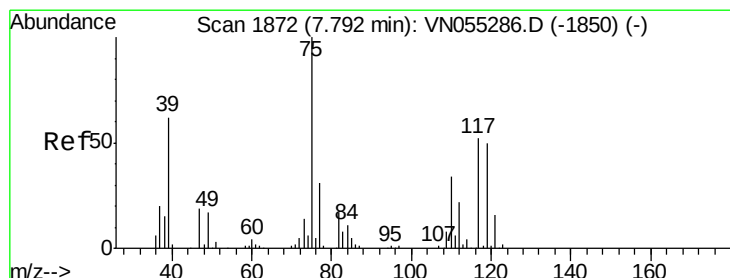
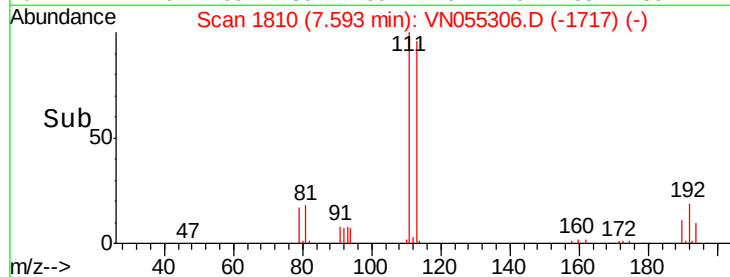
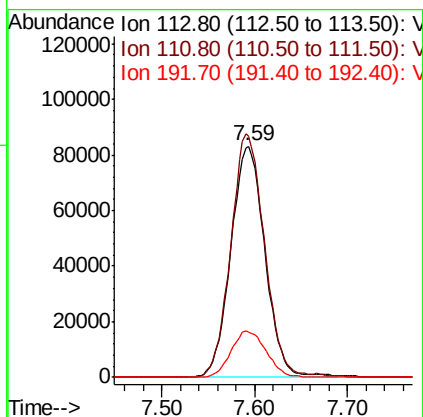
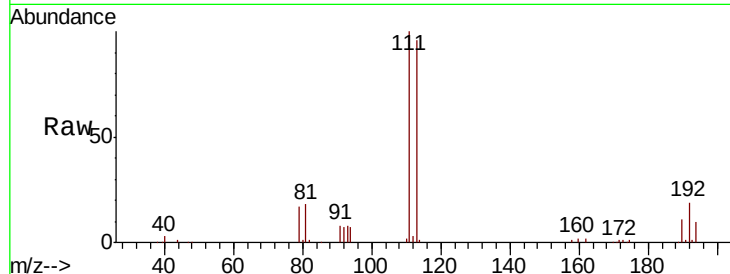




#35
 Dibromofluoromethane
 Concen: 48.571 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055306.D
 Acq: 30 Apr 2019 14:20

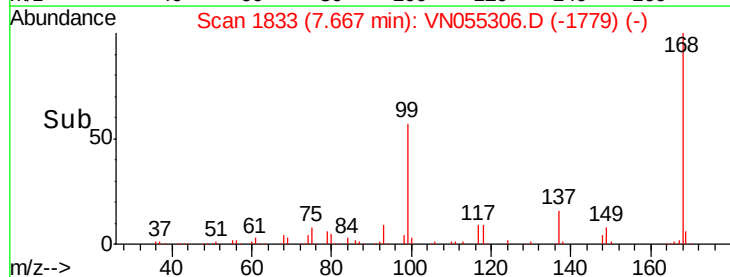
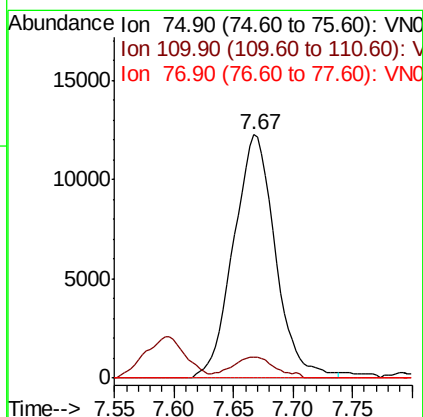
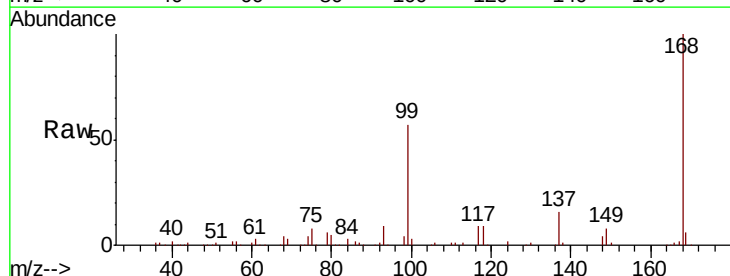
Instrument :
 MSVOA_N
 ClientSampleId :

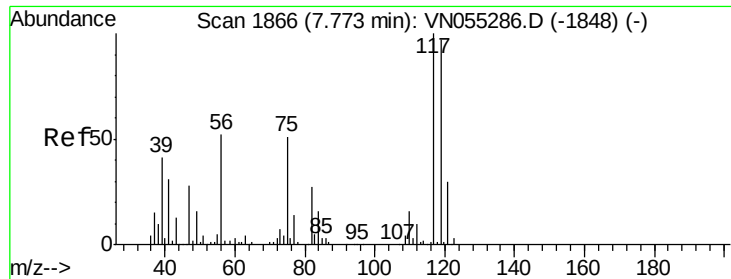
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.3	123.5
192	20.7	17.0	25.6



#36
 1,1-Dichloropropene
 Concen: 4.697 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN055306.D
 Acq: 30 Apr 2019 14:20

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	16.8	50.4#
77	0.0	25.0	37.6#





#38

Carbon Tetrachloride

Concen: 5.845 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN055306.D

Acq: 30 Apr 2019 14:20

Instrument :

MSVOA_N

ClientSampleId :

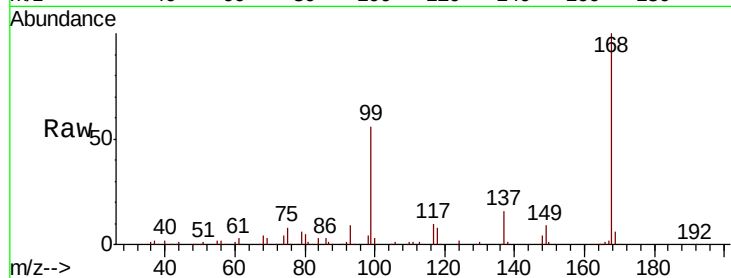
Tot Ion:117 Resp: 35930

Ion Ratio Lower Upper

117 100

119 4.1 77.0 115.6#

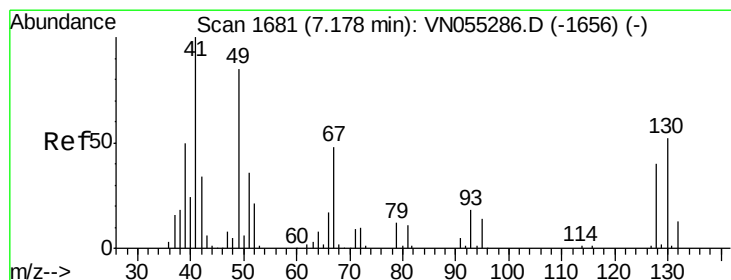
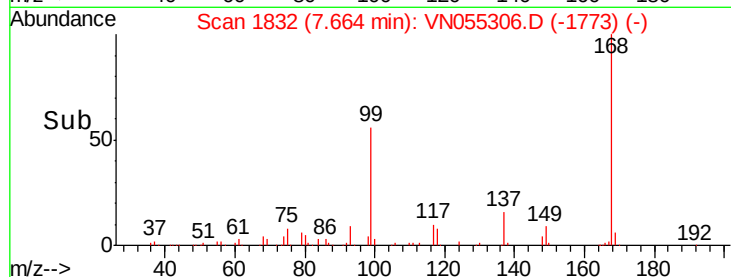
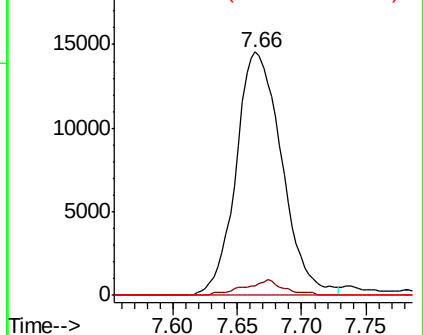
121 0.0 23.8 35.8#



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: 0.780 ug/l

RT: 7.16 min Scan# 1676

Delta R.T. -0.02 min

Lab File: VN055306.D

Acq: 30 Apr 2019 14:20

Tgt Ion: 41 Resp: 107

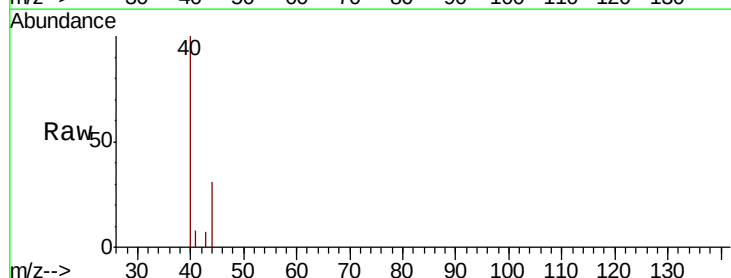
Ion Ratio Lower Upper

41 100

39 157.0 48.5 72.7#

67 0.0 54.9 82.3#

52 0.0 24.9 37.3#

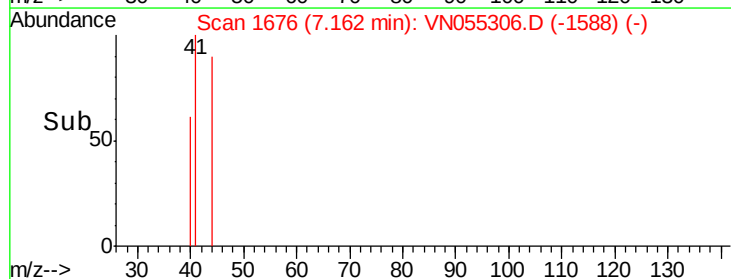
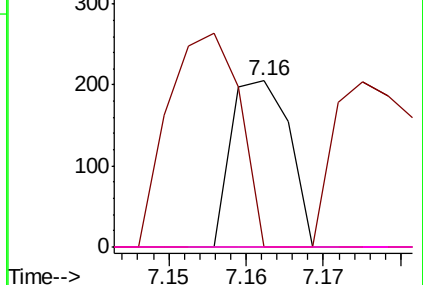


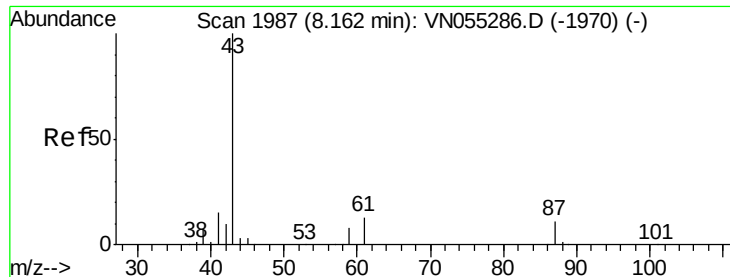
Abundance Ion 41.00 (40.70 to 41.70): V

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: 2.221 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055306.D

Acq: 30 Apr 2019 14:20

Instrument :

MSVOA_N

ClientSampleId :

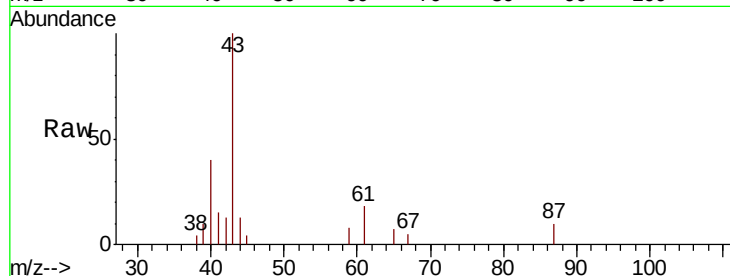
Tot Ion: 43 Resp: 17436

Ion Ratio Lower Upper

43 100

61 18.2 20.8 31.2#

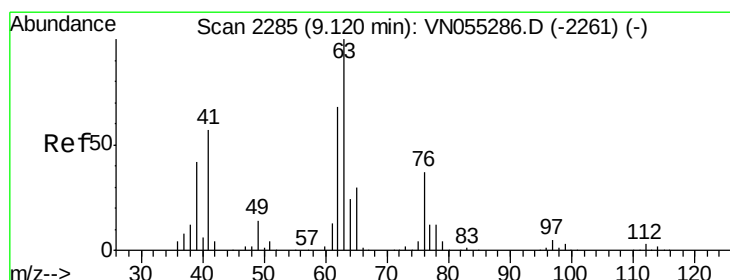
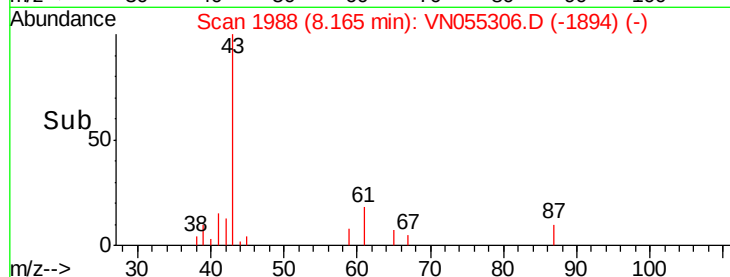
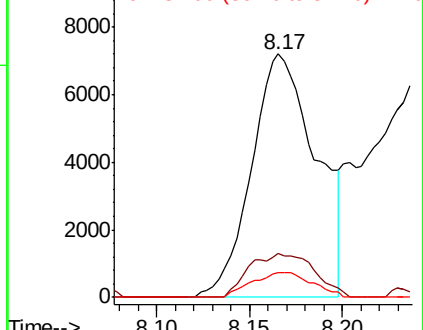
87 9.6 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VN055286.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055286.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055286.D (-1970) (-)



#45

1,2-Dichloropropane

Concen: 0.254 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN055306.D

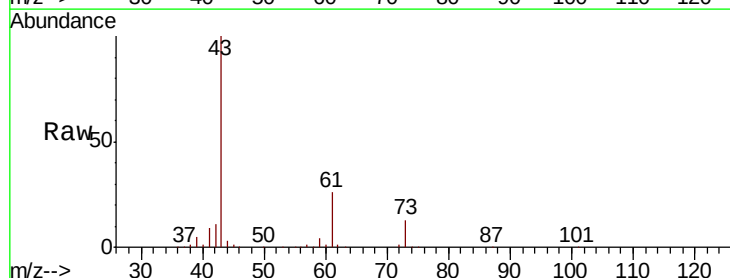
Acq: 30 Apr 2019 14:20

Tgt Ion: 63 Resp: 1374

Ion Ratio Lower Upper

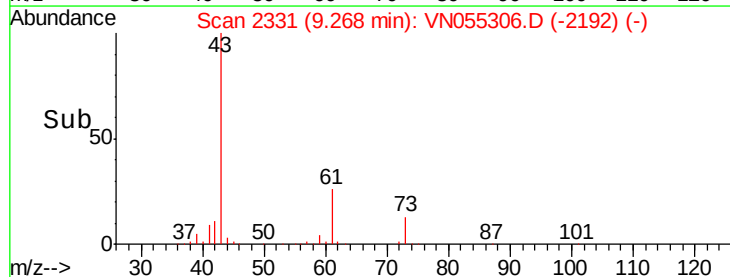
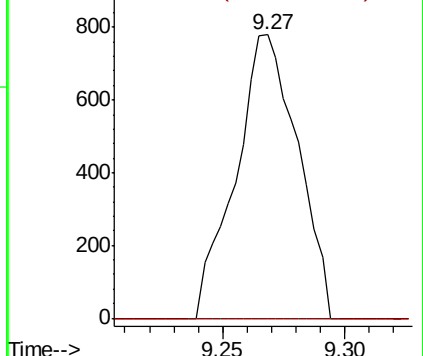
63 100

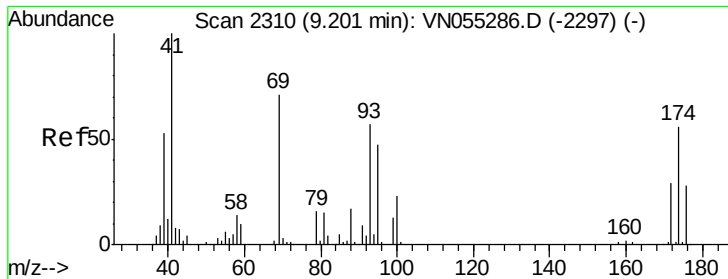
65 0.0 23.9 35.9#



Abundance Ion 62.90 (62.60 to 63.60): VN055286.D (-2261) (-)

Ion 64.90 (64.60 to 65.60): VN055286.D (-2261) (-)

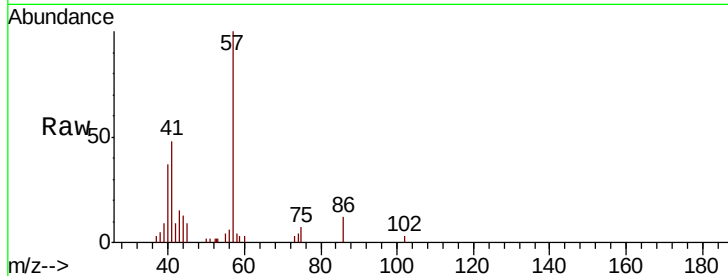




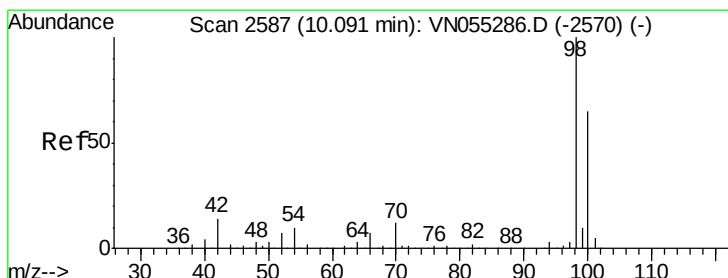
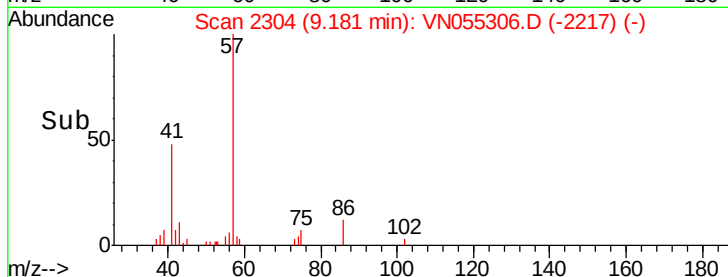
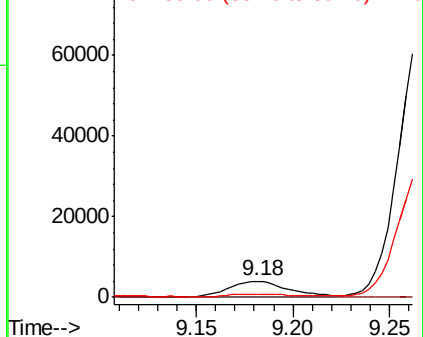
#48
Methvl methacrylate
Concen: 2.002 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN055306.D
Acq: 30 Apr 2019 14:20

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 7726
Ion Ratio Lower Upper
41 100
69 0.0 58.6 87.8#
39 0.0 43.8 65.6#

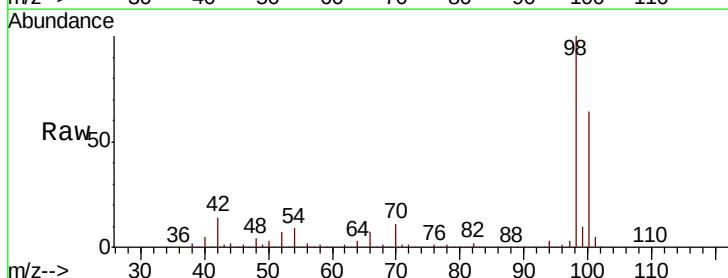


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

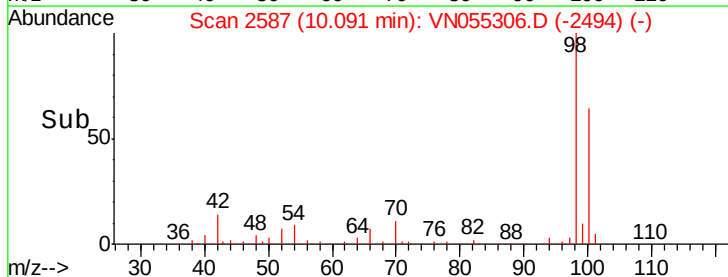
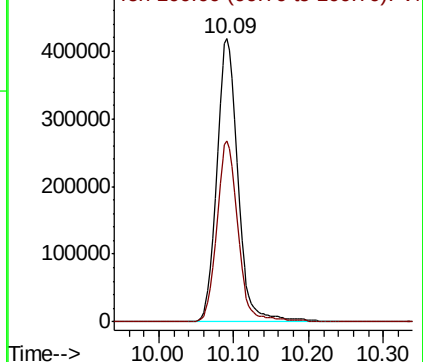


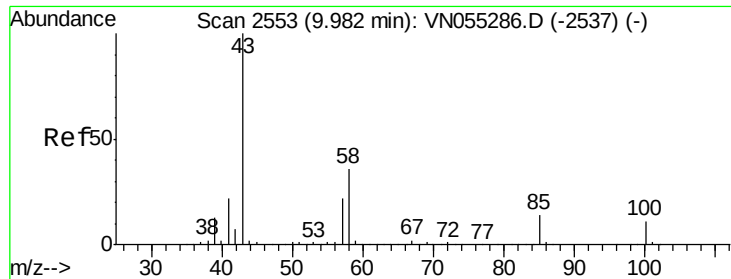
#50
Toluene-d8
Concen: 52.001 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055306.D
Acq: 30 Apr 2019 14:20

Tgt Ion: 98 Resp: 820001
Ion Ratio Lower Upper
98 100
100 63.3 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: 1.371 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.01 min

Lab File: VN055306.D

Acq: 30 Apr 2019 14:20

Instrument :

MSVOA_N

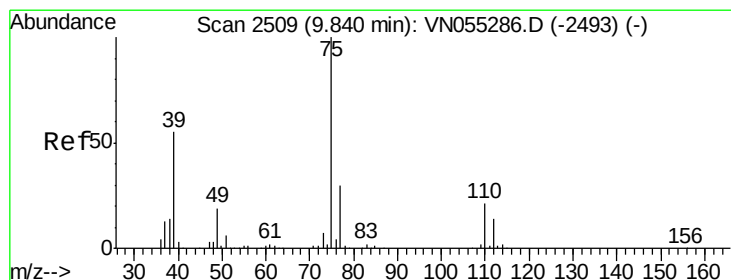
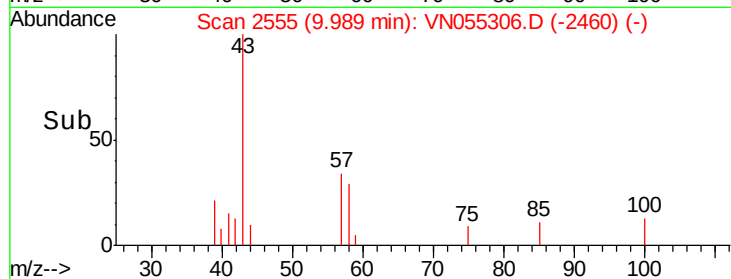
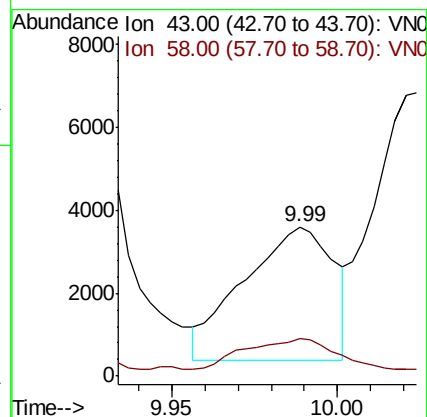
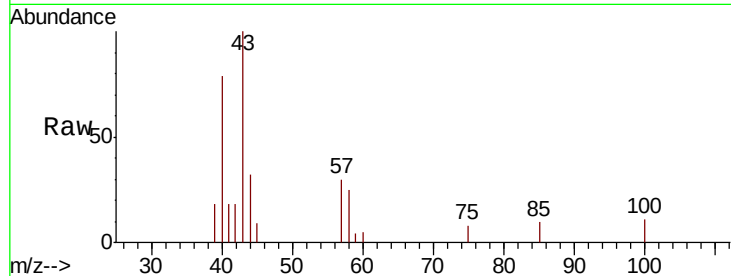
ClientSampleId :

Tot Ion: 43 Resp: 6060

Ion Ratio Lower Upper

43 100

58 33.7 28.5 42.7



#54

cis-1,3-Dichloropropene

Concen: 8.294 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN055306.D

Acq: 30 Apr 2019 14:20

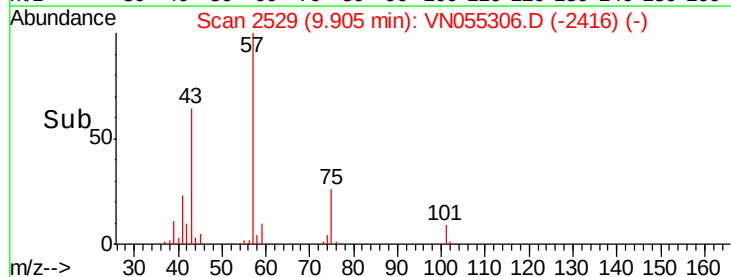
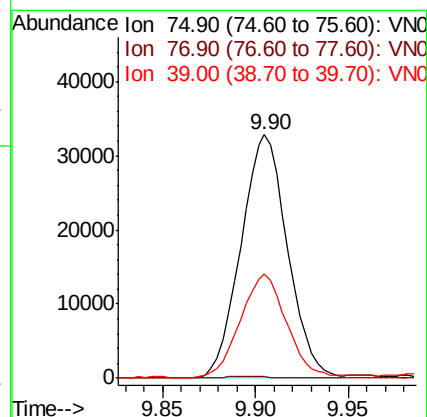
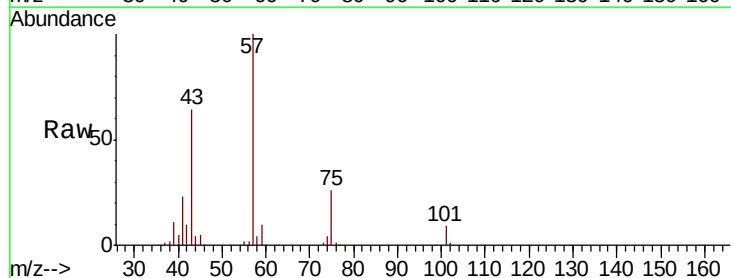
Tgt Ion: 75 Resp: 57042

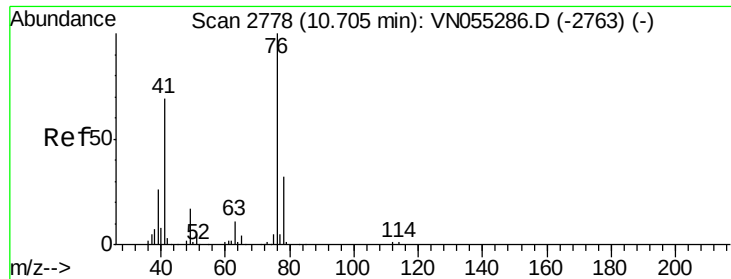
Ion Ratio Lower Upper

75 100

77 0.5 24.2 36.2#

39 42.7 44.2 66.2#





#57

1,3-Dichloropropane

Concen: 1.493 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN055306.D

Acq: 30 Apr 2019 14:20

Instrument :

MSVOA_N

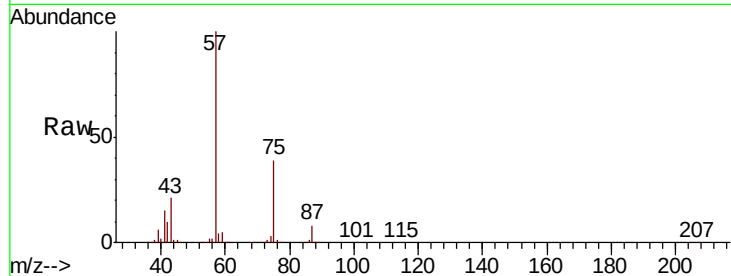
ClientSampleId :

Tot Ion: 76 Resp: 10483

Ion Ratio Lower Upper

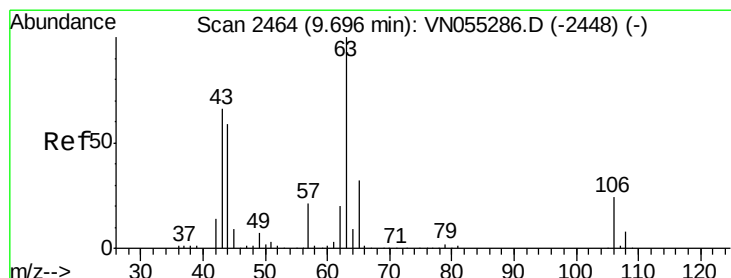
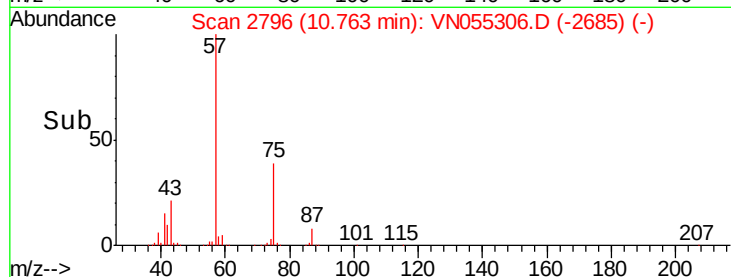
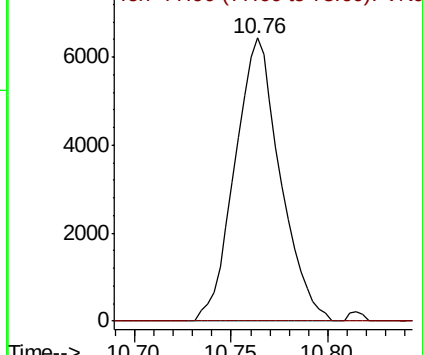
76 100

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: 12.599 ug/l

RT: 9.91 min Scan# 2531

Delta R.T. 0.22 min

Lab File: VN055306.D

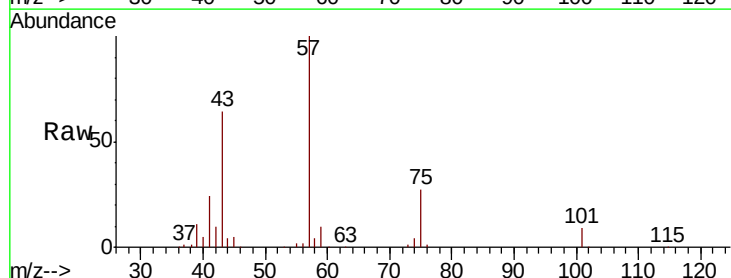
Acq: 30 Apr 2019 14:20

Tgt Ion: 63 Resp: 312

Ion Ratio Lower Upper

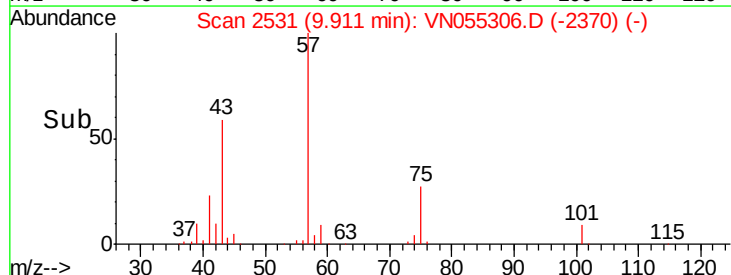
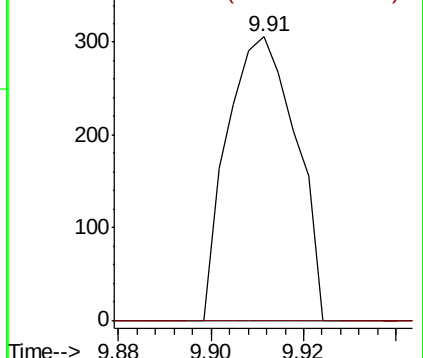
63 100

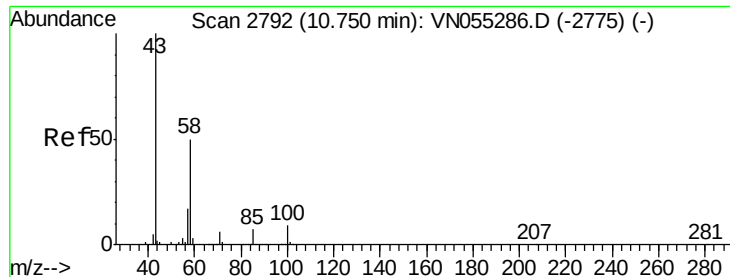
106 0.0 19.0 28.4#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

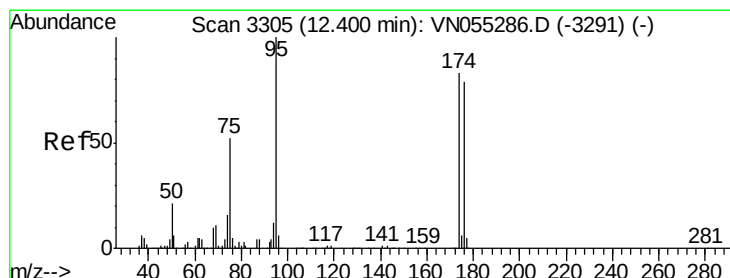
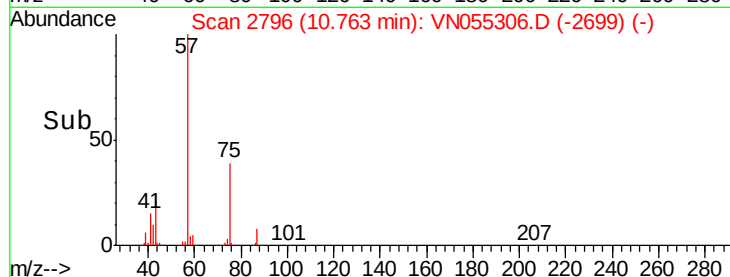
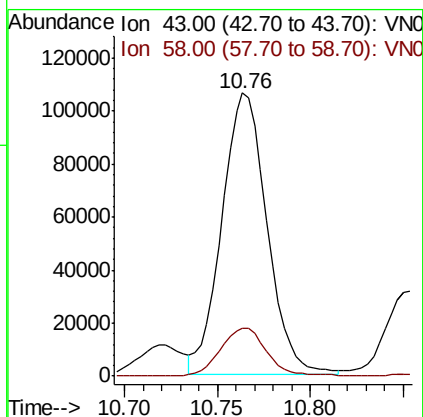
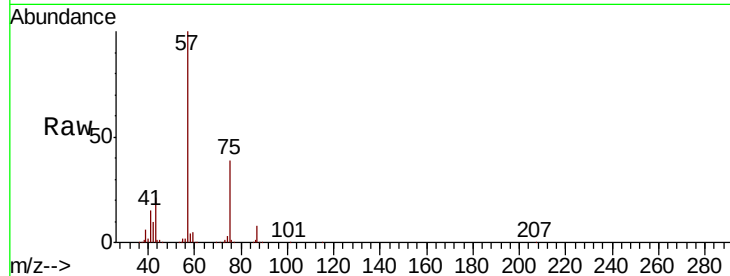




#59
2-Hexanone
Concen: 65.014 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN055306.D
Acq: 30 Apr 2019 14:20

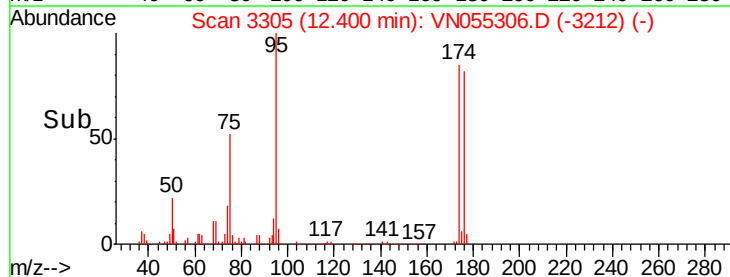
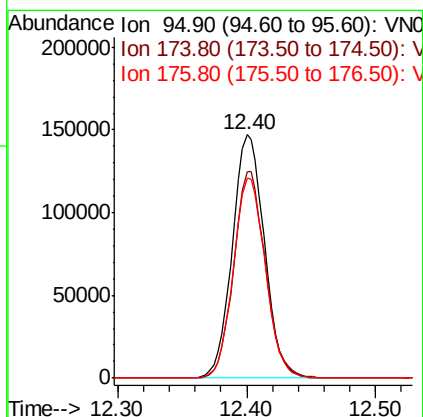
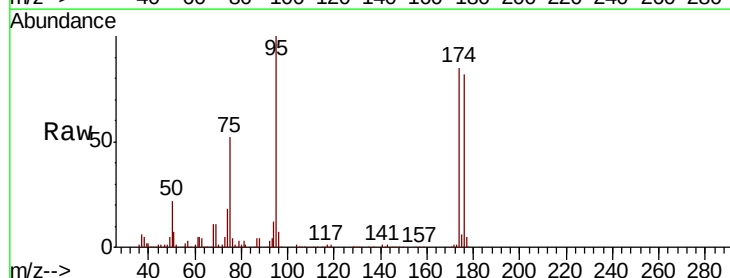
Instrument :
MSVOA_N
ClientSampled :

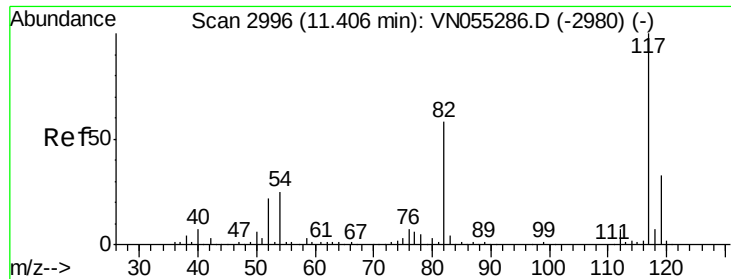
Tot Ion: 43 Resp: 179768
Ion Ratio Lower Upper
43 100
58 17.6 24.9 74.6#



#62
4-Bromofluorobenzene
Concen: 51.603 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055306.D
Acq: 30 Apr 2019 14:20

Tgt Ion: 95 Resp: 254319
Ion Ratio Lower Upper
95 100
174 83.8 0.0 166.6
176 81.8 0.0 157.8

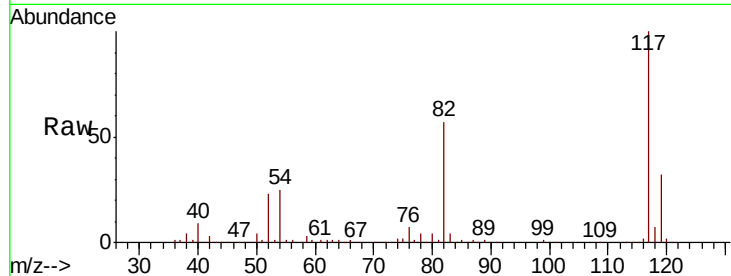




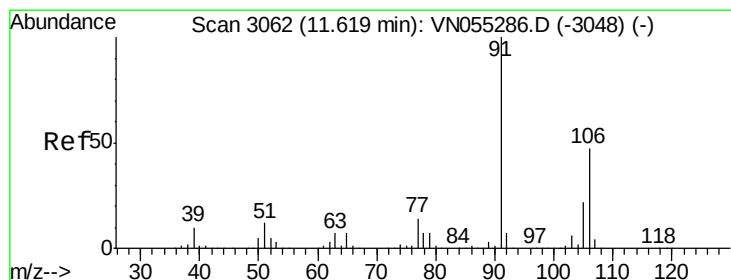
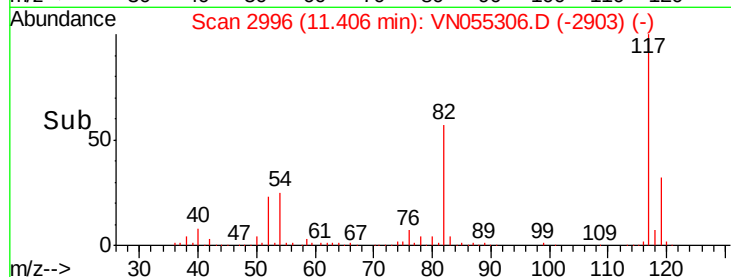
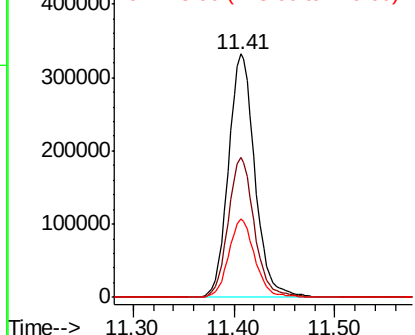
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055306.D
Acq: 30 Apr 2019 14:20

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 607175
Ion Ratio Lower Upper
117 100
82 57.4 46.2 69.4
119 32.0 26.6 40.0

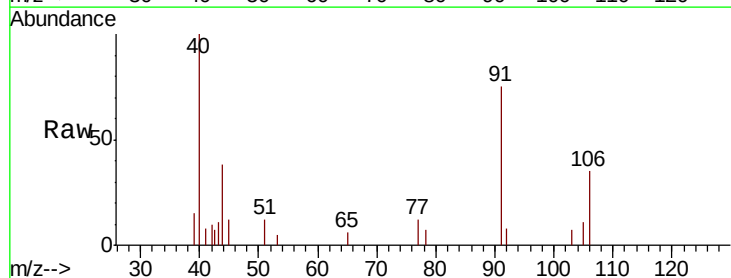


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

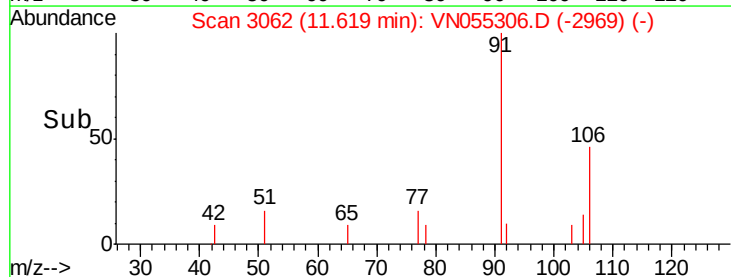
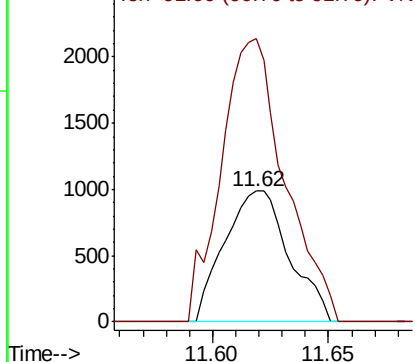


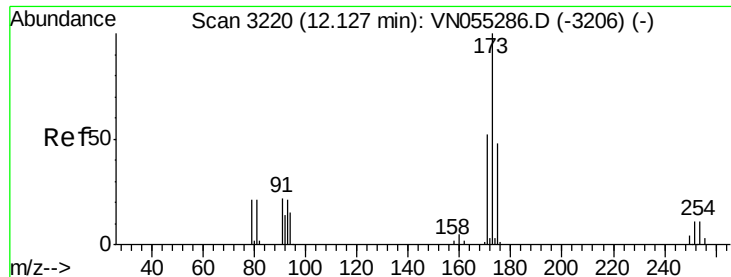
#68
m/p-Xylenes
Concen: 0.251 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055306.D
Acq: 30 Apr 2019 14:20

Tgt Ion:106 Resp: 1924
Ion Ratio Lower Upper
106 100
91 212.1 169.5 254.3



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

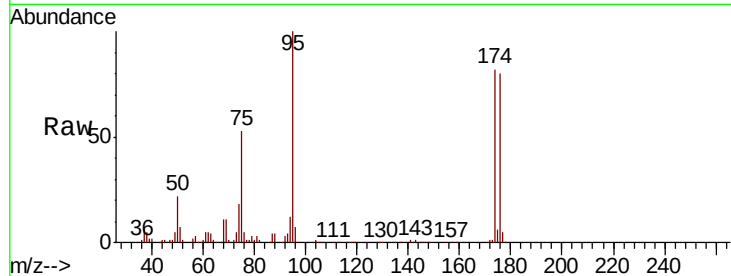




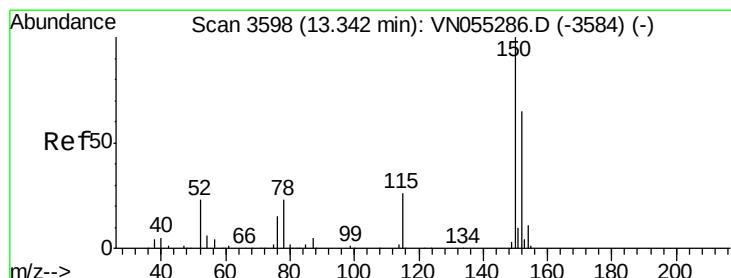
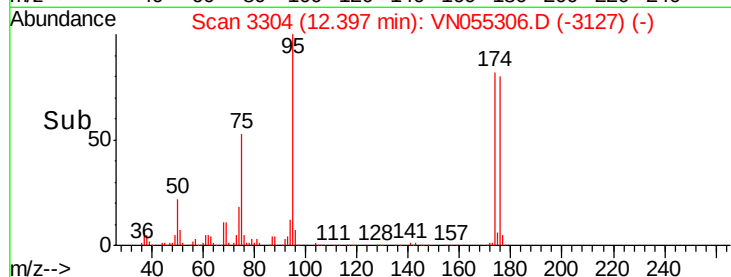
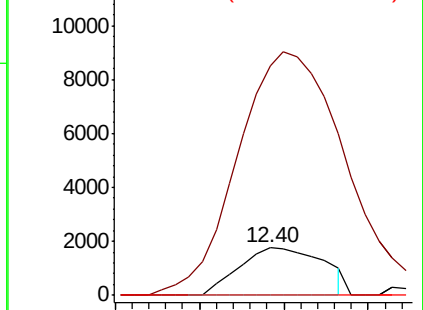
#71
Bromoform
Concen: 0.953 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN055306.D
Acq: 30 Apr 2019 14:20

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 2459
Ion Ratio Lower Upper
173 100
175 553.1 23.6 71.0#
254 0.0 0.0 0.0

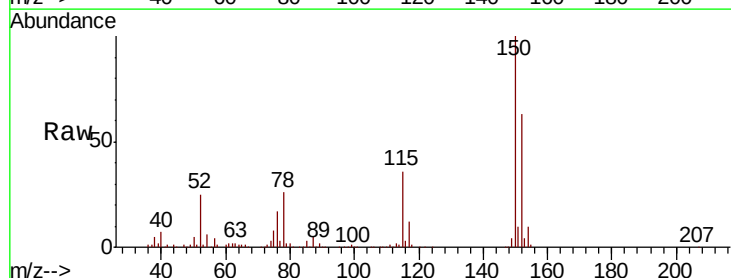


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

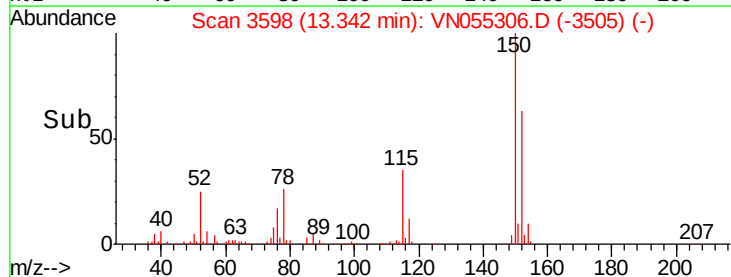
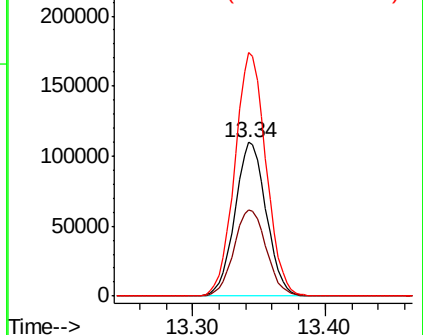


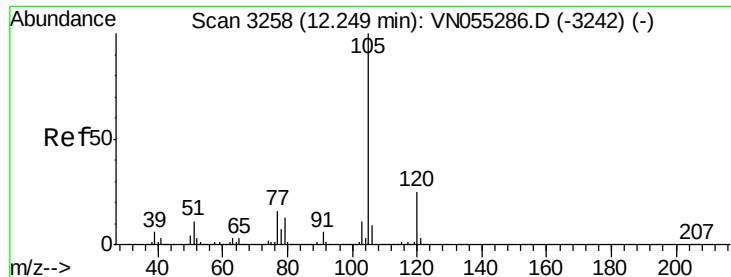
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055306.D
Acq: 30 Apr 2019 14:20

Tgt Ion:152 Resp: 180369
Ion Ratio Lower Upper
152 100
115 58.3 29.0 87.0
150 157.5 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: 12.24 min Scan# 3256

Delta R.T. -0.01 min

Lab File: VN055306.D

Acq: 30 Apr 2019 14:20

Instrument :

MSVOA_N

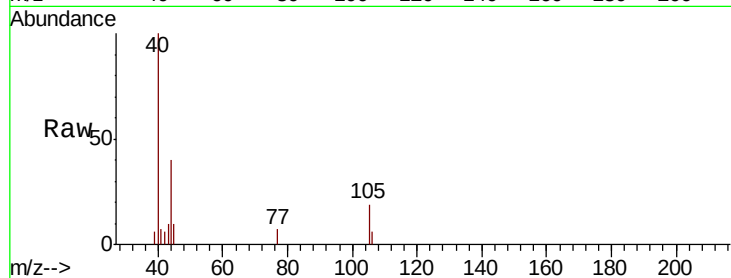
ClientSampled :

Tot Ion:105 Resp: 424

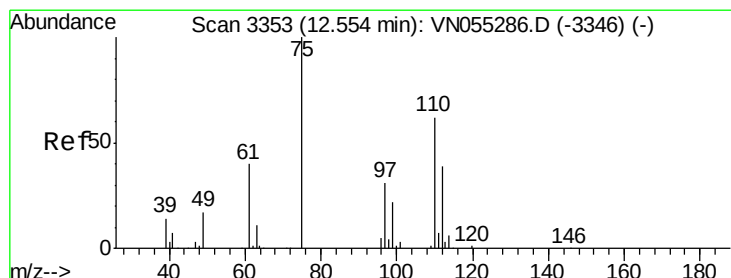
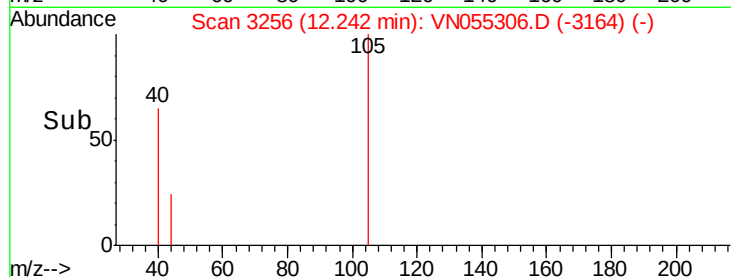
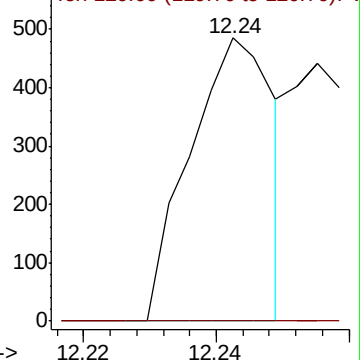
Ion Ratio Lower Upper

105 100

120 0.0 12.9 38.7#



Abundance Ion 105.00 (104.70 to 105.70): V



#76

1,2,3-Trichloropropane

Concen: 39.100 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055306.D

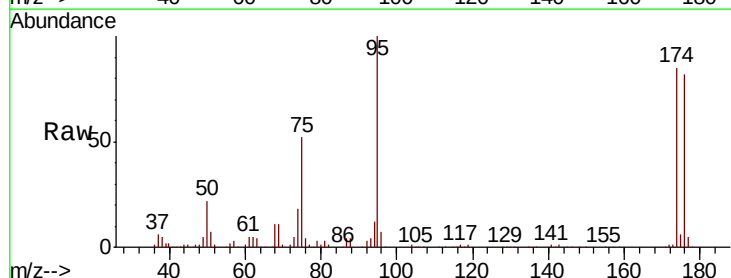
Acq: 30 Apr 2019 14:20

Tgt Ion: 75 Resp: 132926

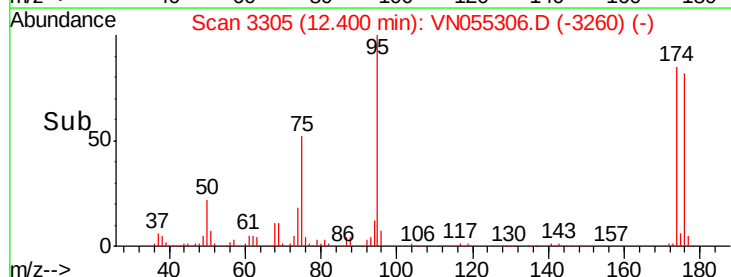
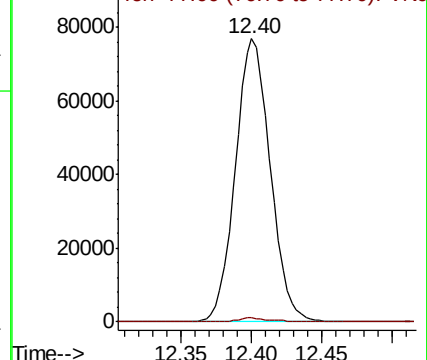
Ion Ratio Lower Upper

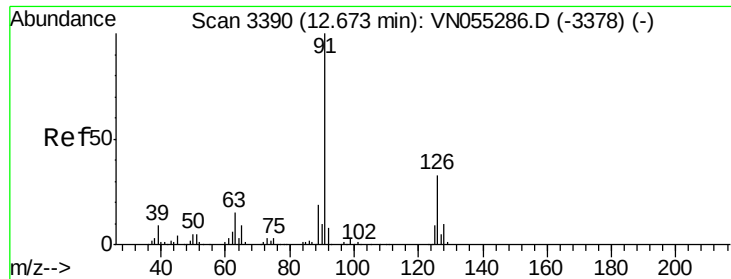
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055306.D

Acq: 30 Apr 2019 14:20

Instrument :

MSVOA_N

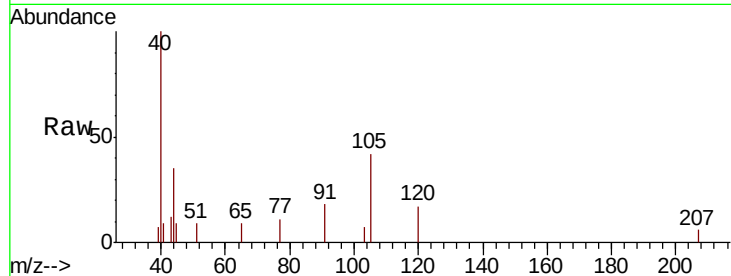
ClientSampled :

Tot Ion: 91 Resp: 85

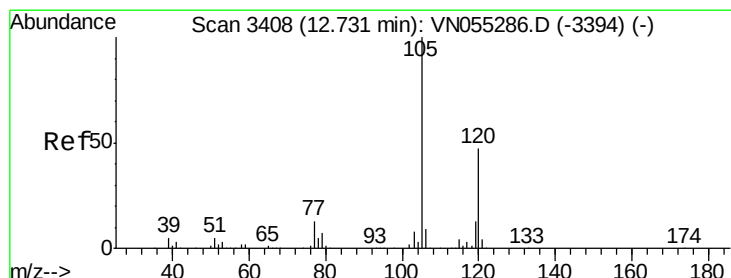
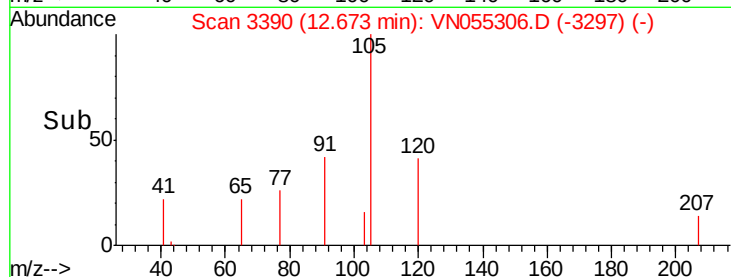
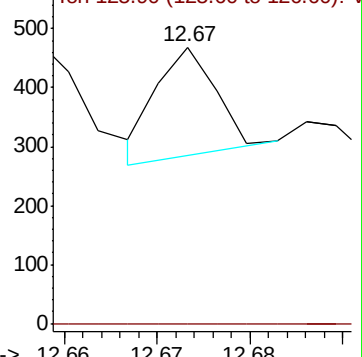
Ion Ratio Lower Upper

91 100

126 0.0 16.6 49.7#



Abundance Ion 91.00 (90.70 to 91.70): VN055306.D (-3297) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.547 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055306.D

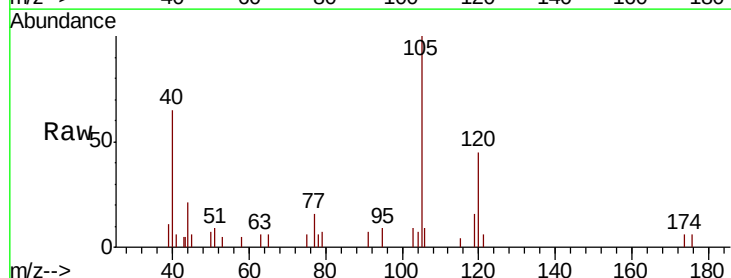
Acq: 30 Apr 2019 14:20

Tgt Ion:105 Resp: 7738

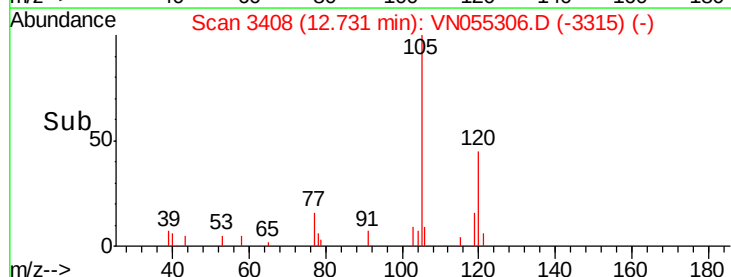
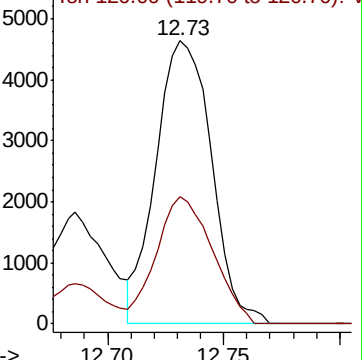
Ion Ratio Lower Upper

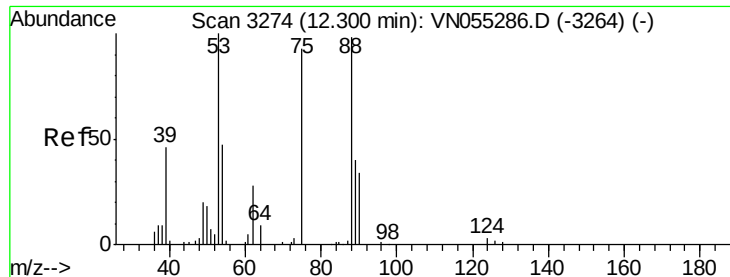
105 100

120 45.3 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN055306.D (-3315) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 139.660 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055306.D

Acq: 30 Apr 2019 14:20

Instrument :

MSVOA_N

ClientSampled :

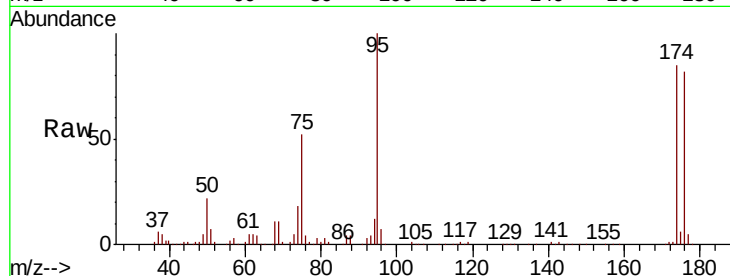
Tot Ion: 75 Resp: 132926

Ion Ratio Lower Upper

75 100

53 0.0 86.3 129.5#

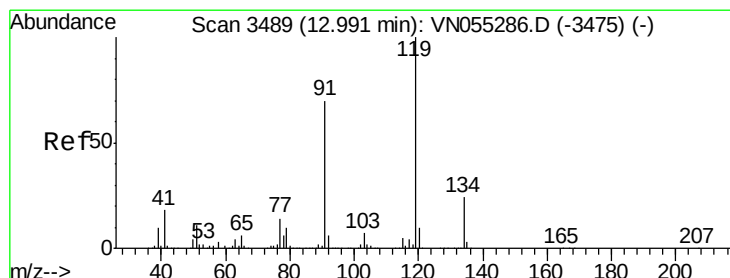
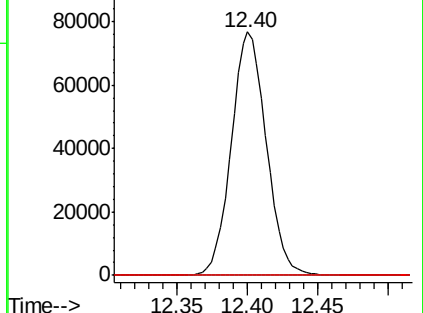
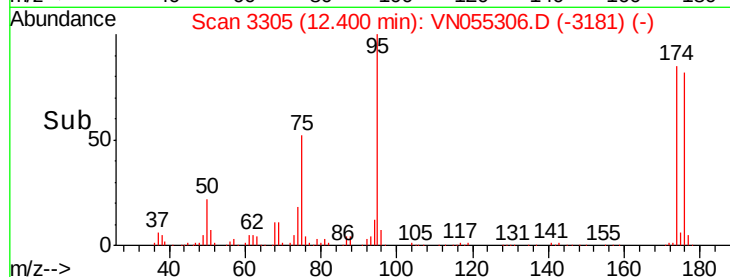
89 0.0 34.6 51.8#



Abundance Ion 74.90 (74.60 to 75.60): VN055306.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN055306.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN055306.D (-3181) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN055306.D

Acq: 30 Apr 2019 14:20

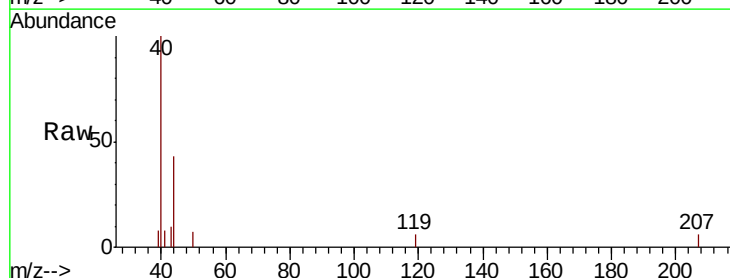
Tgt Ion: 119 Resp: 59

Ion Ratio Lower Upper

119 100

91 0.0 34.3 102.9#

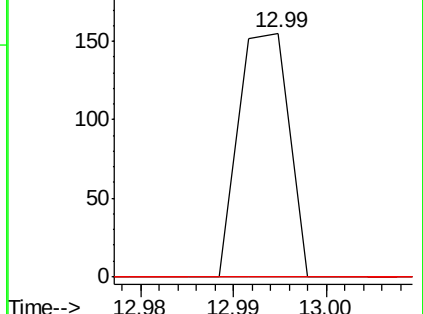
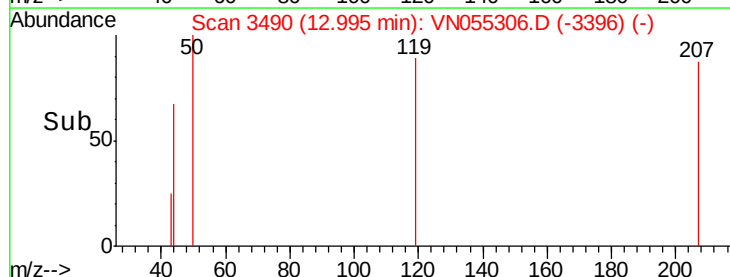
134 0.0 13.1 39.3#

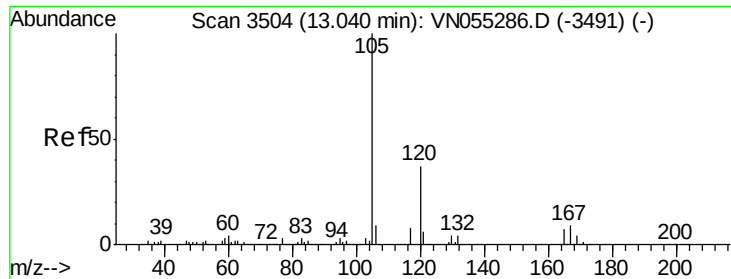


Abundance Ion 119.00 (118.70 to 119.70): VN055306.D (-3396) (-)

Ion 91.00 (90.70 to 91.70): VN055306.D (-3396) (-)

Ion 134.00 (133.70 to 134.70): VN055306.D (-3396) (-)

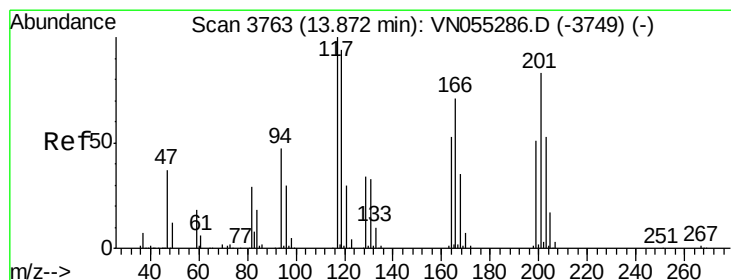
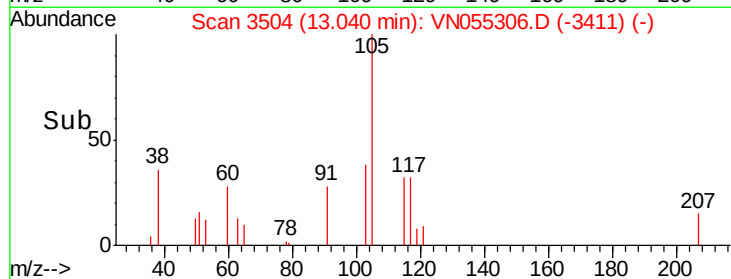
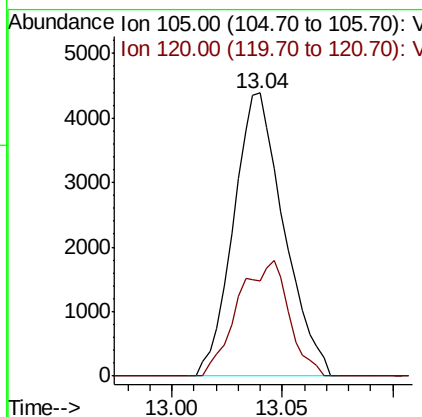
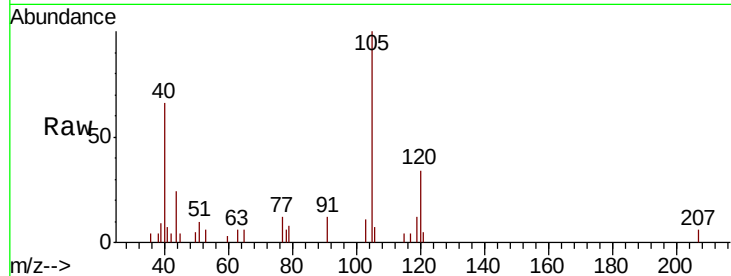




#84
 1,2,4-Trimethylbenzene
 Concen: 0.550 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055306.D
 Acq: 30 Apr 2019 14:20

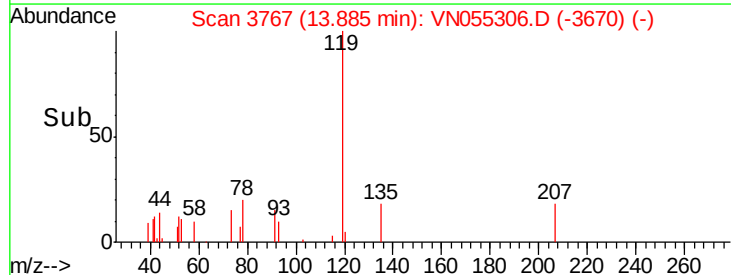
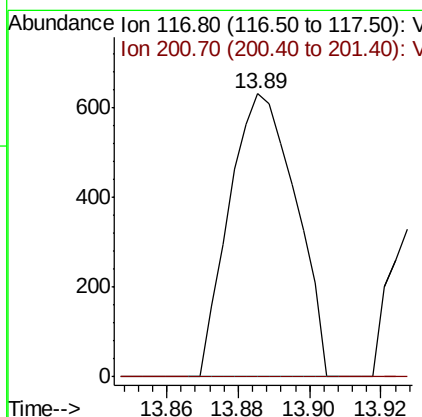
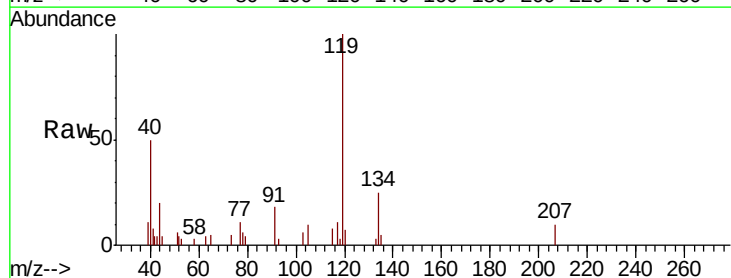
Instrument :
 MSVOA_N
 ClientSampled :

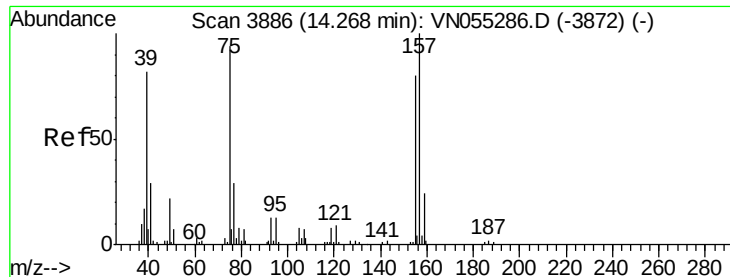
Tot Ion:105 Resp: 6950
 Ion Ratio Lower Upper
 105 100
 120 41.2 22.1 66.5



#90
 Hexachloroethane
 Concen: Below Cal
 RT: 13.89 min Scan# 3767
 Delta R.T. 0.01 min
 Lab File: VN055306.D
 Acq: 30 Apr 2019 14:20

Tgt Ion:117 Resp: 811
 Ion Ratio Lower Upper
 117 100
 201 0.0 41.9 125.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.356 ug/l

RT: 14.48 min Scan# 3952

Delta R.T. 0.21 min

Lab File: VN055306.D

Acq: 30 Apr 2019 14:20

Instrument :

MSVOA_N

ClientSampled :

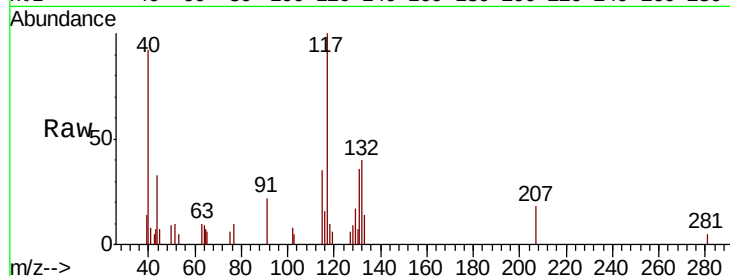
Tot Ion: 75 Resp: 169

Ion Ratio Lower Upper

75 100

155 0.0 41.5 124.6#

157 0.0 54.0 162.2#

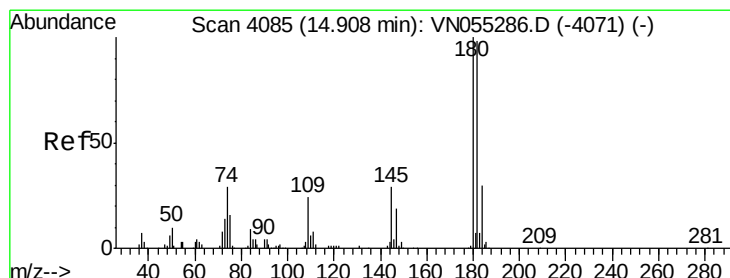
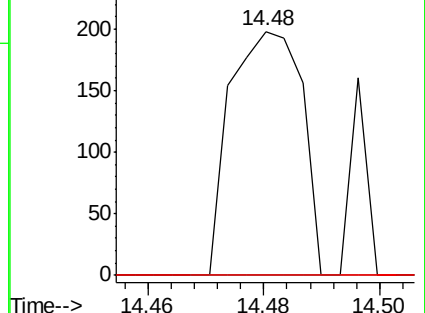
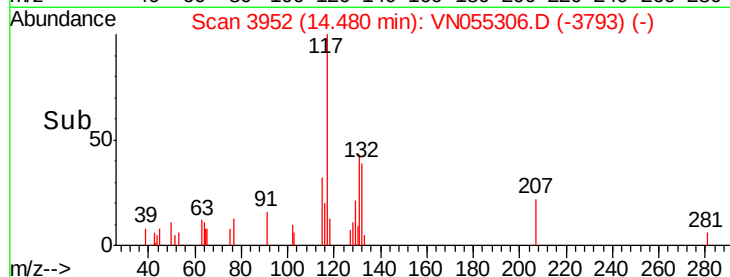


Abundance Ion 74.90 (74.60 to 75.60): VN055306.D (-3952) (-)

Ion 154.80 (154.50 to 155.50): VN055306.D (-3952) (-)

Ion 156.80 (156.50 to 157.50): VN055306.D (-3952) (-)

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 3.324 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN055306.D

Acq: 30 Apr 2019 14:20

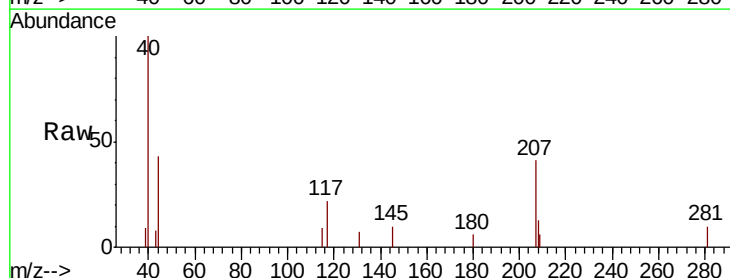
Tgt Ion: 180 Resp: 33

Ion Ratio Lower Upper

180 100

182 290.9 48.3 144.9#

145 2309.1 14.2 42.6#

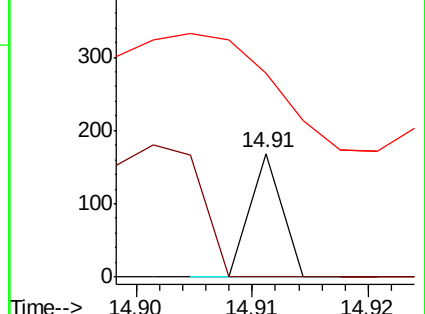
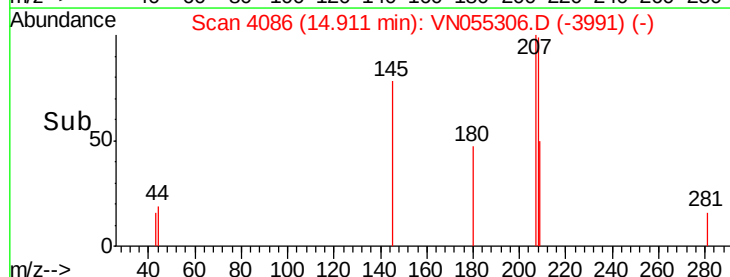


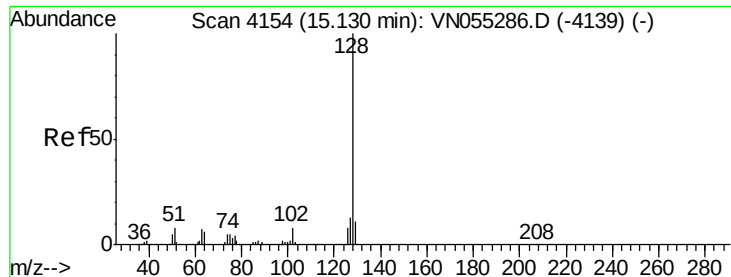
Abundance Ion 179.80 (179.50 to 180.50): VN055306.D (-4086) (-)

Ion 181.80 (181.50 to 182.50): VN055306.D (-4086) (-)

Ion 144.80 (144.50 to 145.50): VN055306.D (-4086) (-)

Time-->

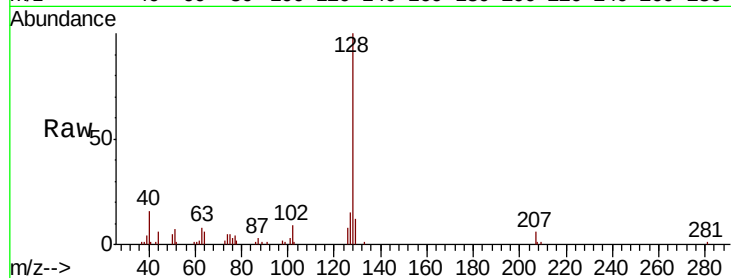




#95
Naphthalene
Concen: 9.486 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN055306.D
Acq: 30 Apr 2019 14:20

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.7	16.1
129	11.1	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

