

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN043019\
 Data File : VN055310.D
 Acq On : 30 Apr 2019 16:02
 Operator : JC/SP
 Sample : K2194-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 01 05:19:44 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	364043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	623132	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	577850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	178317	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	258762	54.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.66%	
35) Dibromofluoromethane	7.59	113	207187	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
50) Toluene-d8	10.09	98	791253	53.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.16%	
62) 4-Bromofluorobenzene	12.40	95	250551	54.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.56%	

Target Compounds

						Qvalue
13) Acrolein	3.62	56	59	0.277	ug/l #	14
14) Allyl chloride	4.55	41	50857	6.828	ug/l #	27
16) Acetone	3.82	43	22968	15.478	ug/l	97
17) Carbon Disulfide	4.05	76	2972	0.317	ug/l #	74
18) Methyl Acetate	4.34	43	5967	0.628	ug/l #	82
20) Methylene Chloride	4.55	84	1051252	232.092	ug/l	98
25) 2-Butanone	6.84	43	987	0.520	ug/l #	53
29) Tetrahydrofuran	7.23	42	883	0.727	ug/l #	53
30) Chloroform	7.38	83	1611	0.216	ug/l	90
31) Cyclohexane	7.67	56	8445	1.127	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	28988	4.857	ug/l #	49
38) Carbon Tetrachloride	7.67	117	35172	6.109	ug/l #	17
41) Methacrylonitrile	7.19	41	191	0.816	ug/l #	52
43) Isopropyl Acetate	8.18	43	20452	2.782	ug/l #	88
45) 1,2-Dichloropropane	9.27	63	1491	0.294	ug/l #	45
48) Methyl methacrylate	9.18	41	8882	2.458	ug/l #	18
51) 4-Methyl-2-Pentanone	9.99	43	6055	1.463	ug/l	89
54) cis-1,3-Dichloropropene	9.90	75	58911	9.146	ug/l #	70
57) 1,3-Dichloropropane	10.76	76	11513	1.751	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.91	63	246	12.568	ug/l #	52
59) 2-Hexanone	10.76	43	184976	71.428	ug/l #	53
71) Bromoform	12.40	173	1564	0.637	ug/l #	1
73) Isopropylbenzene	12.24	105	106	Below Cal	#	49
74) N-amyl acetate	11.88	43	17861	3.903	ug/l #	56
76) 1,2,3-Trichloropropane	12.40	75	129815	38.592	ug/l #	100
79) 2-Chlorotoluene	12.66	91	374	Below Cal	#	42
80) 1,3,5-Trimethylbenzene	12.73	105	3726	0.267	ug/l	80
81) trans-1,4-Dichloro-2-buten	12.40	75	129815	137.961	ug/l #	7
83) tert-Butylbenzene	13.00	119	71	Below Cal	#	21
84) 1,2,4-Trimethylbenzene	13.04	105	5085	0.407	ug/l	95
90) Hexachloroethane	13.84	117	97	Below Cal	#	7
95) Naphthalene	15.13	128	1780	3.664	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.32	180	64	2.639	ug/l #	1

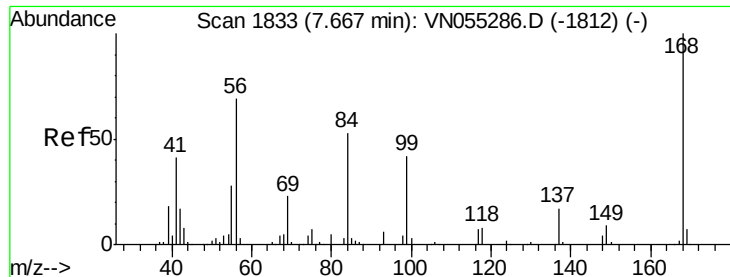
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN043019\
Data File : VN055310.D
Acq On : 30 Apr 2019 16:02
Operator : JC/SP
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055310.D

Acq: 30 Apr 2019 16:02

Instrument :

MSVOA_N

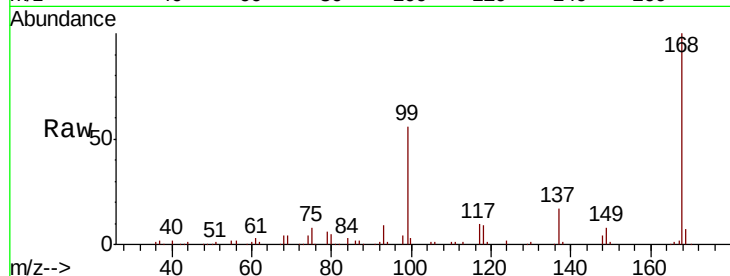
ClientSampled :

Tot Ion:168 Resp: 364043

Ion Ratio Lower Upper

168 100

99 55.6 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055310.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN055310.D (-1740) (-)

7.67

150000

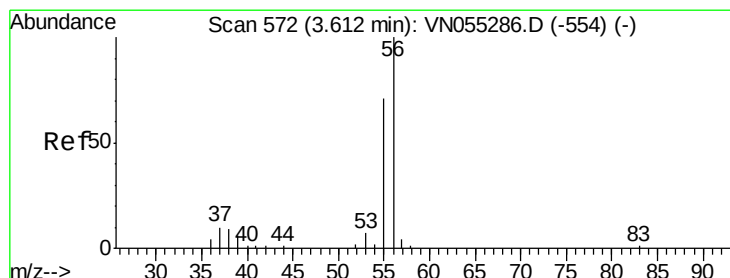
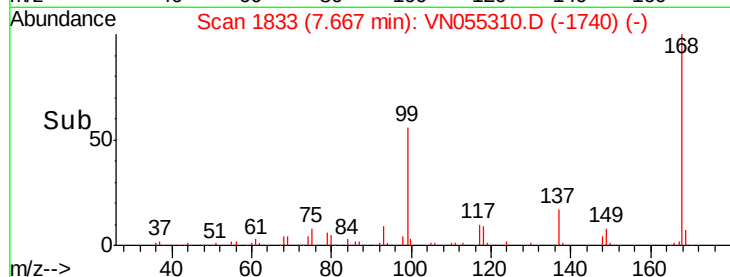
100000

50000

0

7.60 7.70 7.80

Time-->



#13

Acrolein

Concen: 0.277 ug/l

RT: 3.62 min Scan# 573

Delta R.T. 0.00 min

Lab File: VN055310.D

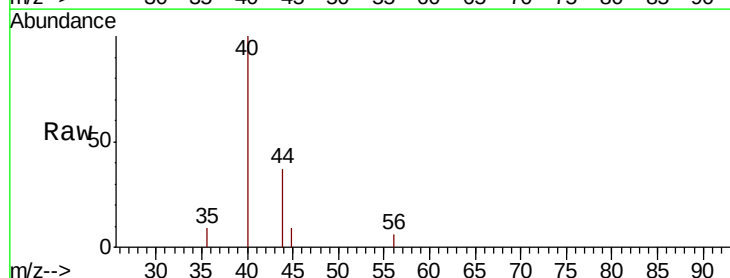
Acq: 30 Apr 2019 16:02

Tgt Ion: 56 Resp: 59

Ion Ratio Lower Upper

56 100

55 0.0 57.4 86.2#



Abundance Ion 56.00 (55.70 to 56.70): VN055310.D (-479) (-)

Ion 55.00 (54.70 to 55.70): VN055310.D (-479) (-)

3.62

200

150

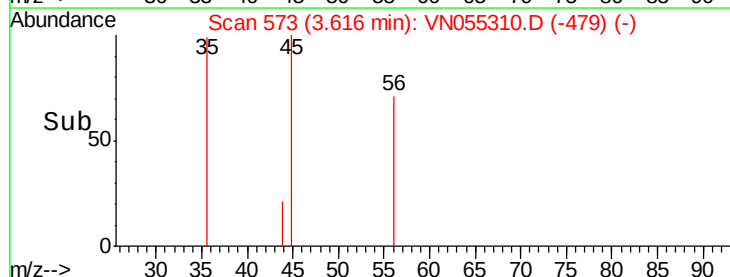
100

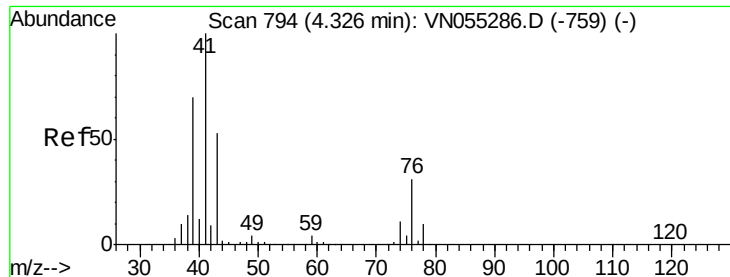
50

0

3.60 3.61 3.62

Time-->

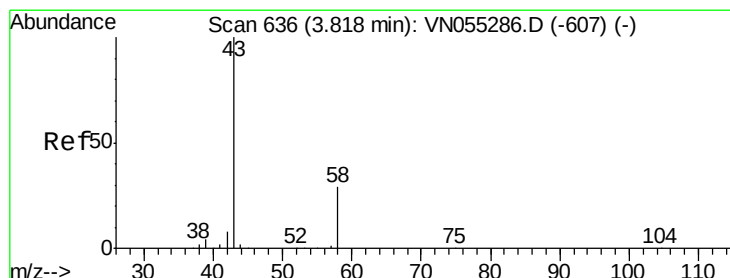
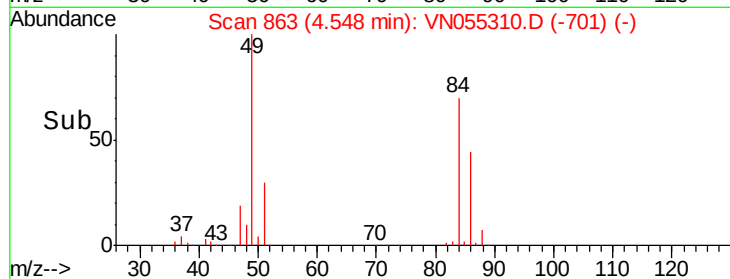
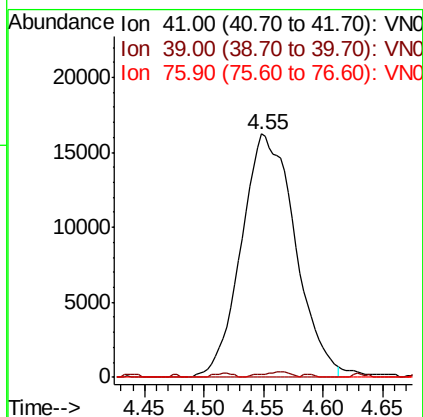
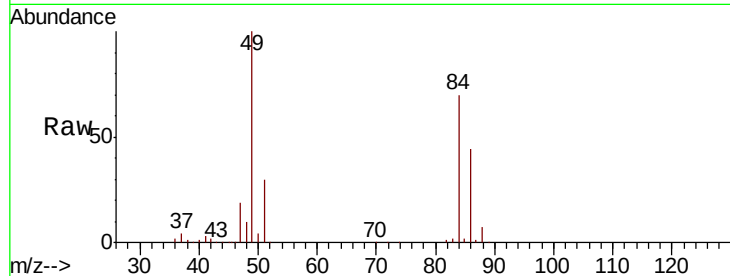




#14
Allvl chloride
Concen: 6.828 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.22 min
Lab File: VN055310.D
Acq: 30 Apr 2019 16:02

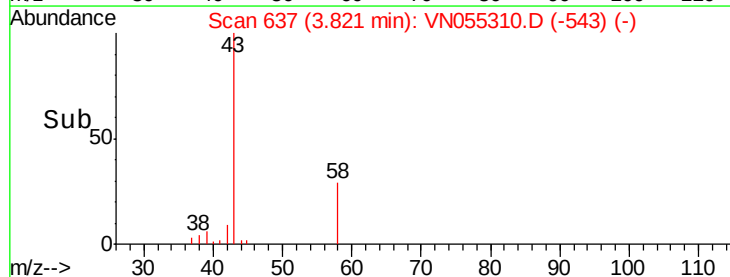
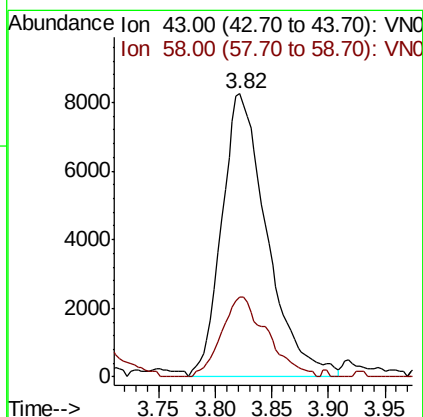
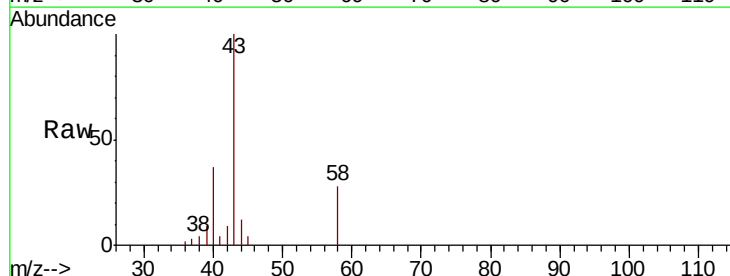
Instrument :
MSVOA_N
ClientSampleId :

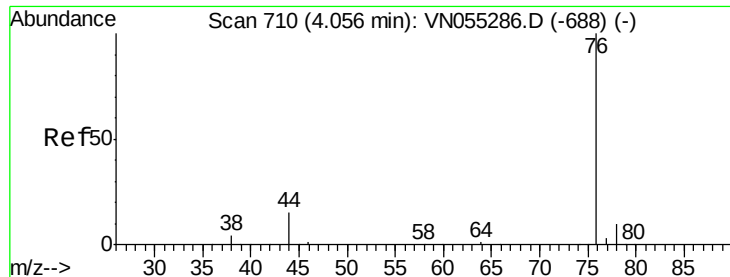
Tot Ion: 41 Resp: 50857
Ion Ratio Lower Upper
41 100
39 1.2 53.0 79.6#
76 0.0 22.7 34.1#



#16
Acetone
Concen: 15.478 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN055310.D
Acq: 30 Apr 2019 16:02

Tgt Ion: 43 Resp: 22968
Ion Ratio Lower Upper
43 100
58 28.0 23.6 35.4

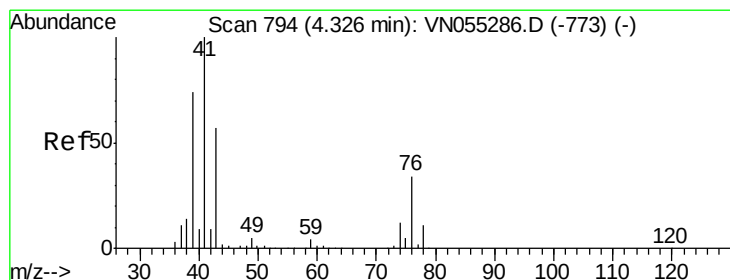
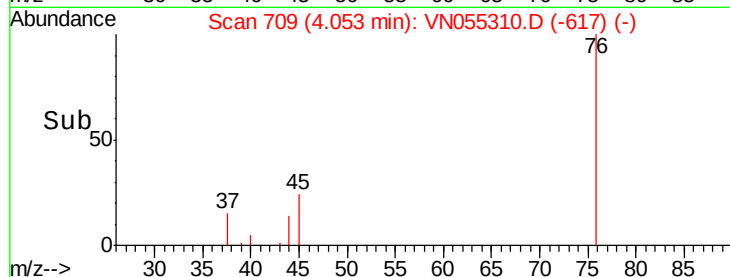
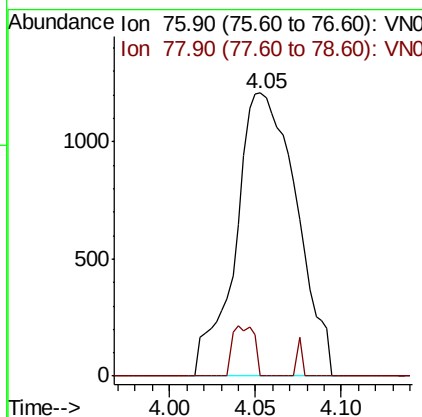
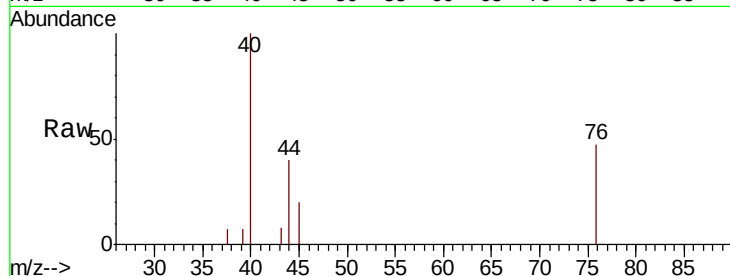




#17
Carbon Disulfide
Concen: 0.317 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.00 min
Lab File: VN055310.D
Acq: 30 Apr 2019 16:02

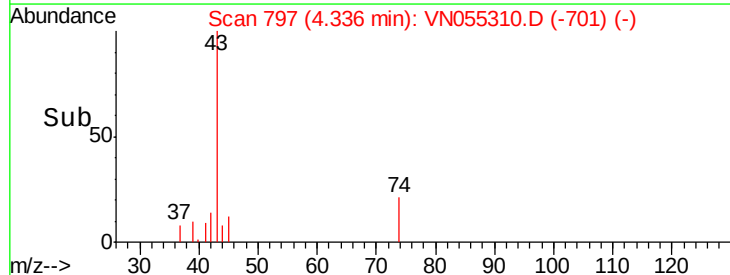
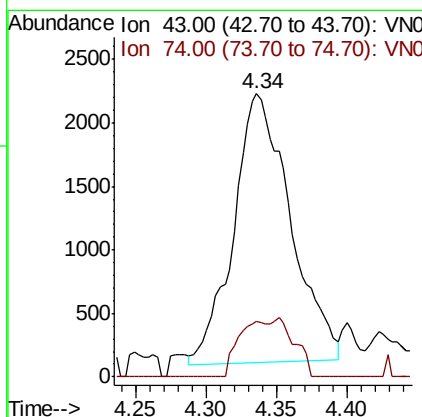
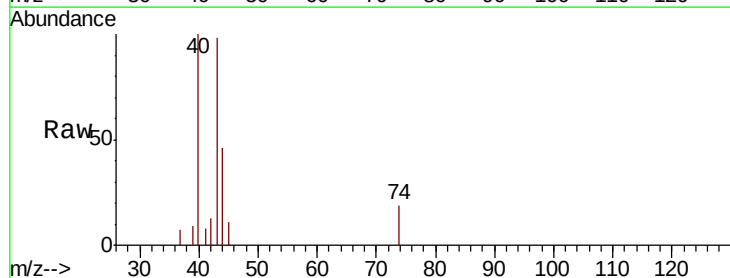
Instrument :
MSVOA_N
ClientSampled :

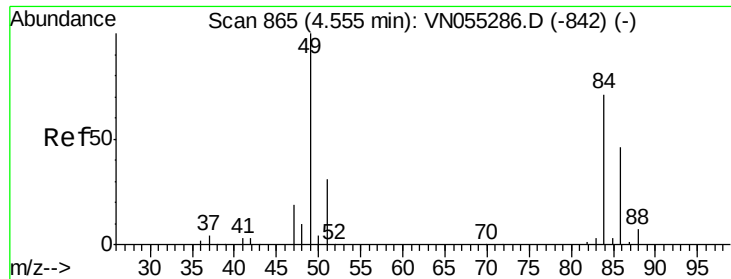
Tot Ion: 76 Resp: 2972
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#



#18
Methyl Acetate
Concen: 0.628 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN055310.D
Acq: 30 Apr 2019 16:02

Tgt Ion: 43 Resp: 5967
Ion Ratio Lower Upper
43 100
74 11.8 15.8 23.8#



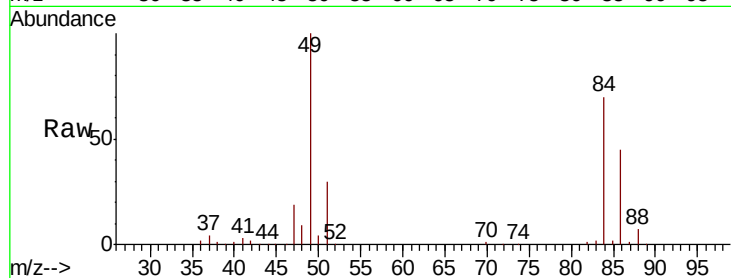


#20
Methvlene Chloride
Concen: 232.092 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055310.D
Acq: 30 Apr 2019 16:02

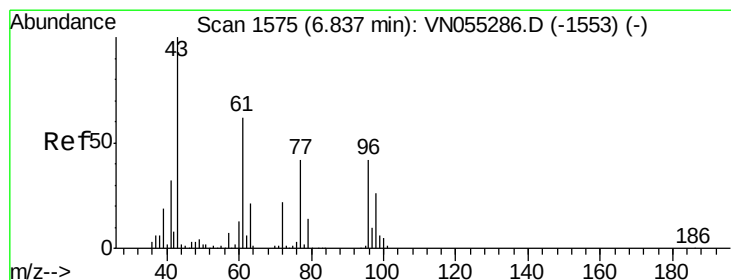
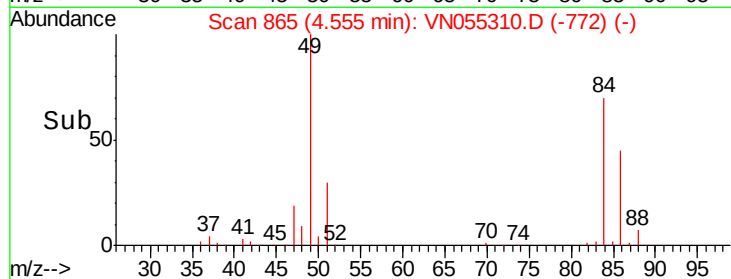
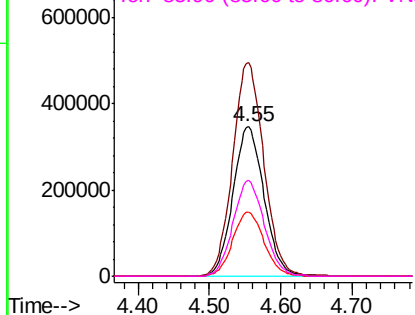
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 84 Resp: 1051252

Ion	Ratio	Lower	Upper
84	100		
49	143.0	112.4	168.6
51	42.9	34.6	51.8
86	64.1	51.9	77.9



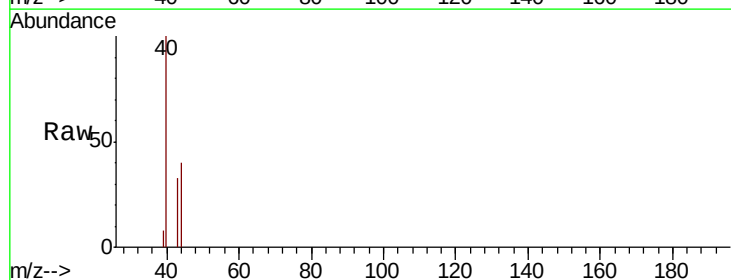
Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO



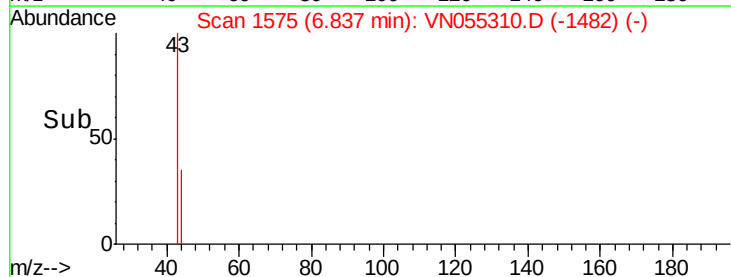
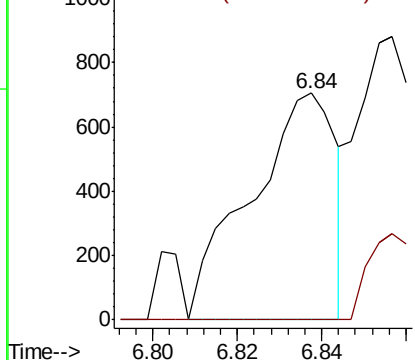
#25
2-Butanone
Concen: 0.520 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN055310.D
Acq: 30 Apr 2019 16:02

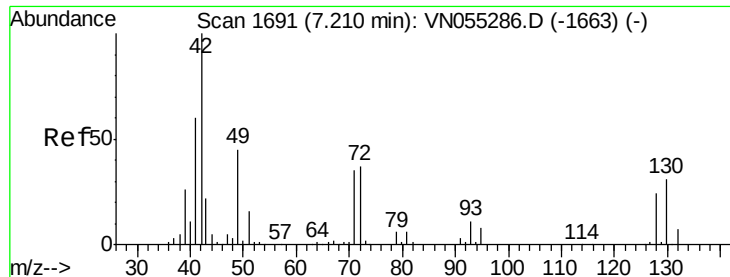
Tgt Ion: 43 Resp: 987

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.0	27.0#



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

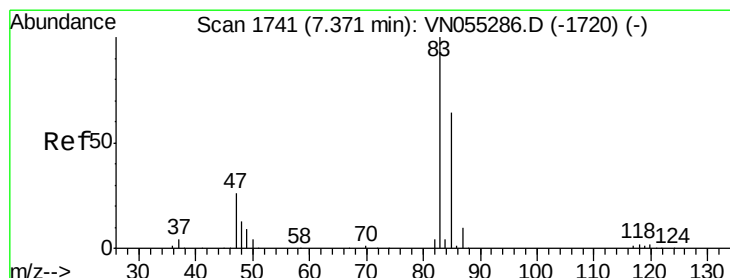
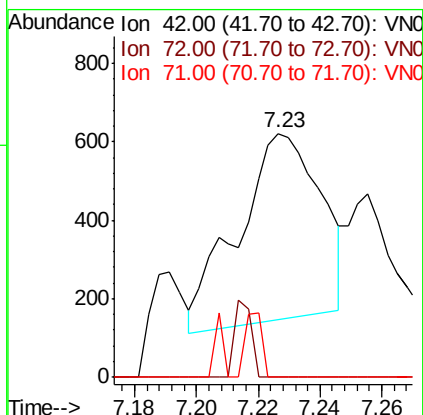
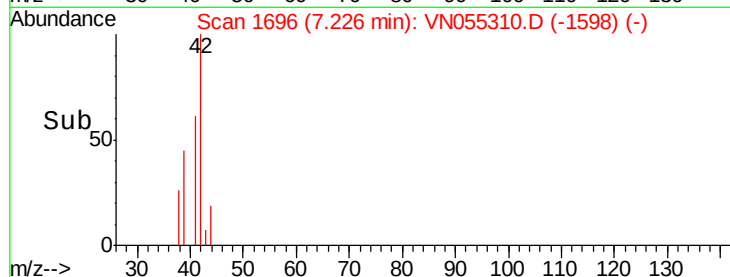
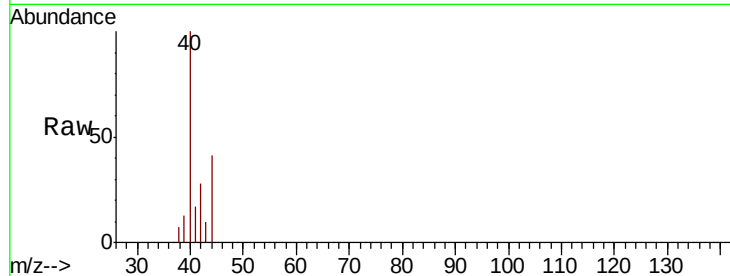




#29
Tetrahydrofuran
Concen: 0.727 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.02 min
Lab File: VN055310.D
Acq: 30 Apr 2019 16:02

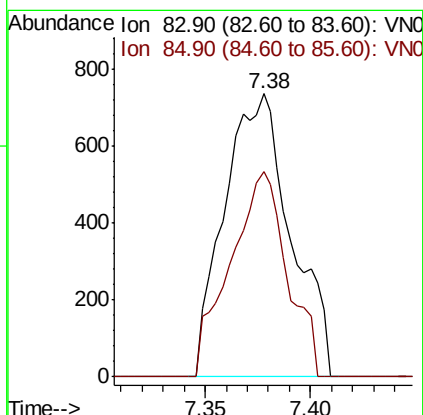
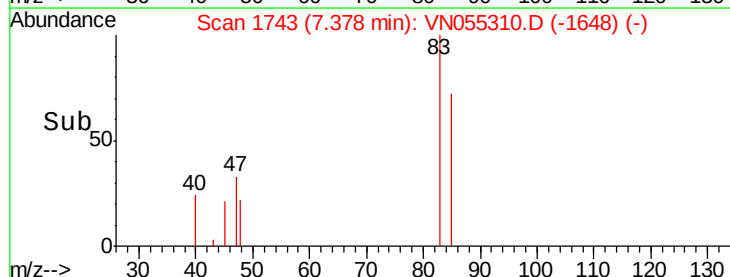
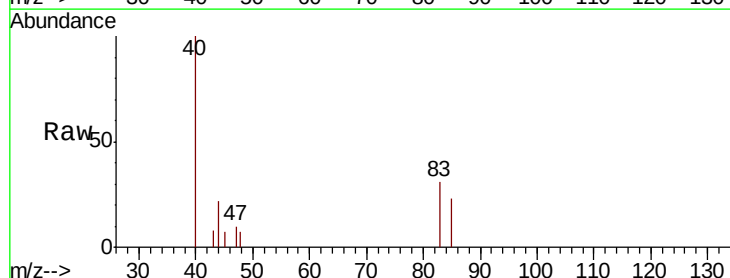
Instrument :
MSVOA_N
ClientSampled :

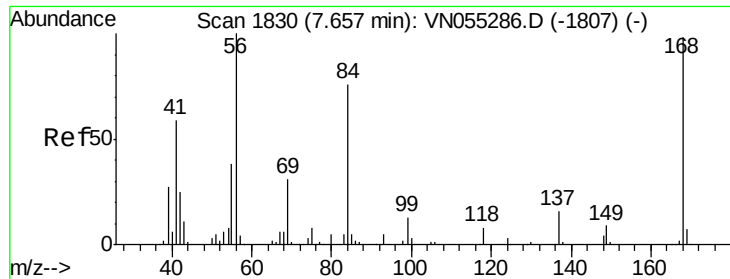
Tot Ion: 42 Resp: 883
Ion Ratio Lower Upper
42 100
72 8.0 29.0 43.6#
71 7.1 27.1 40.7#



#30
Chloroform
Concen: 0.216 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.01 min
Lab File: VN055310.D
Acq: 30 Apr 2019 16:02

Tgt Ion: 83 Resp: 1611
Ion Ratio Lower Upper
83 100
85 72.4 51.4 77.2

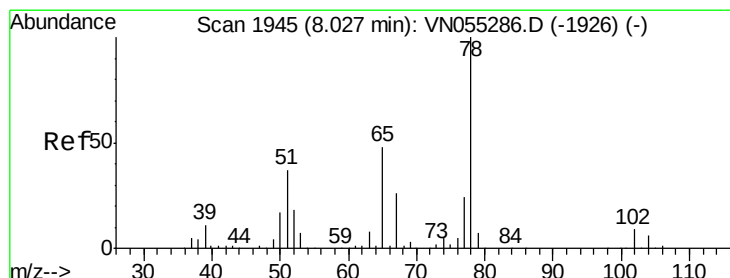
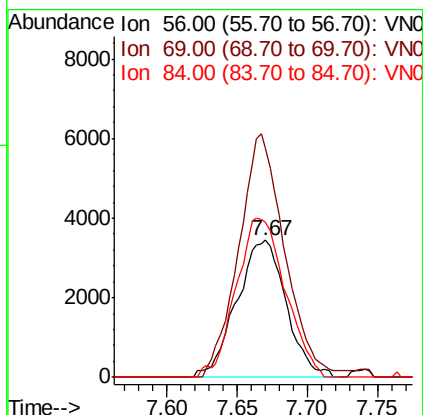
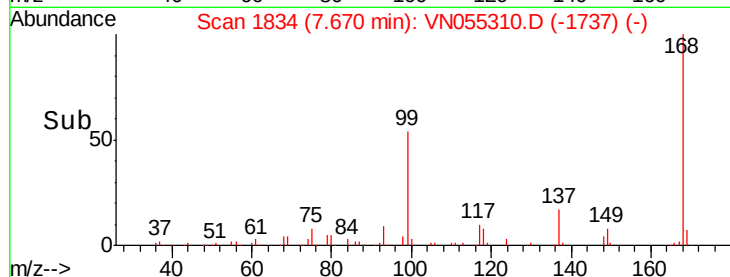
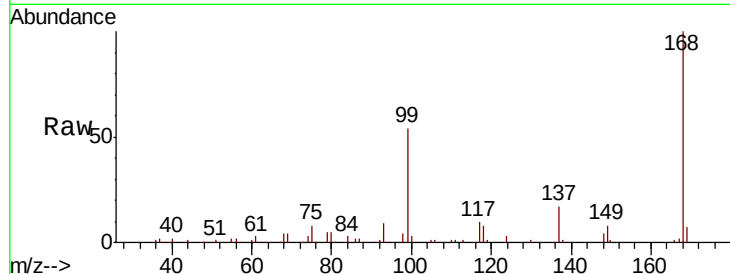




#31
Cyclohexane
Concen: 1.127 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. 0.01 min
Lab File: VN055310.D
Acq: 30 Apr 2019 16:02

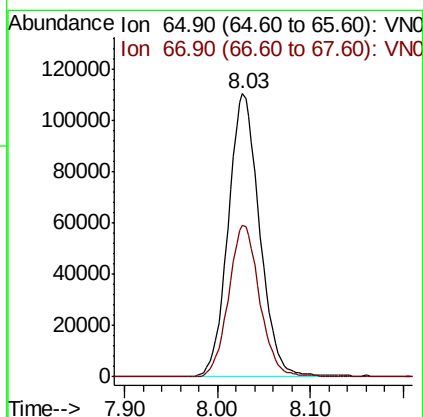
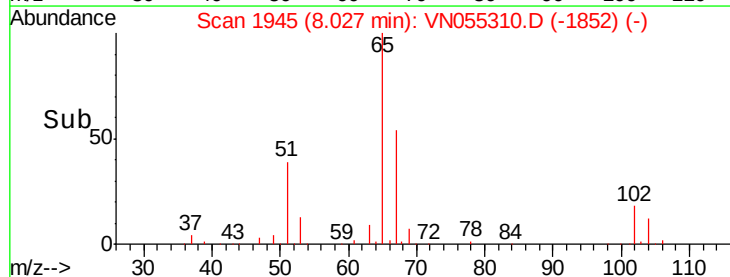
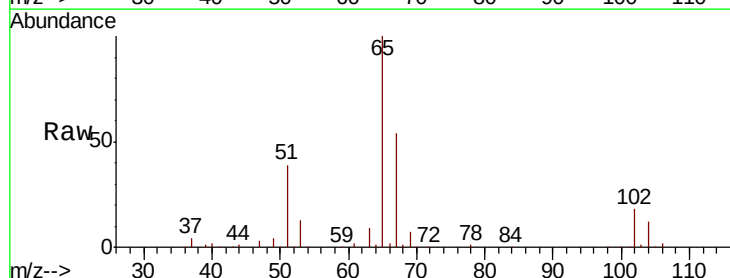
Instrument :
MSVOA_N
ClientSampled :

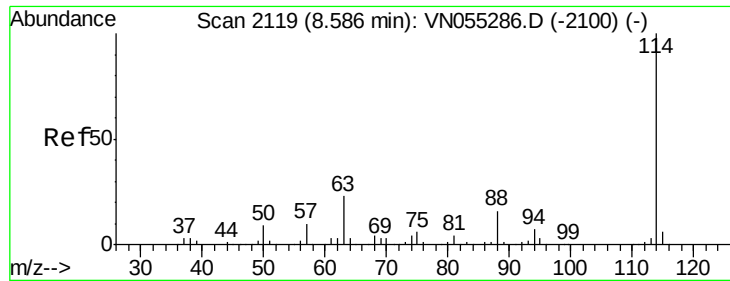
Tot Ion: 56 Resp: 8445
Ion Ratio Lower Upper
56 100
69 167.7 25.2 37.8#
84 113.4 61.1 91.7#



#33
1,2-Dichloroethane-d4
Concen: 54.333 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055310.D
Acq: 30 Apr 2019 16:02

Tgt Ion: 65 Resp: 258762
Ion Ratio Lower Upper
65 100
67 53.1 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: VN055310.D

Acq: 30 Apr 2019 16:02

Instrument :

MSVOA_N

ClientSampleId :

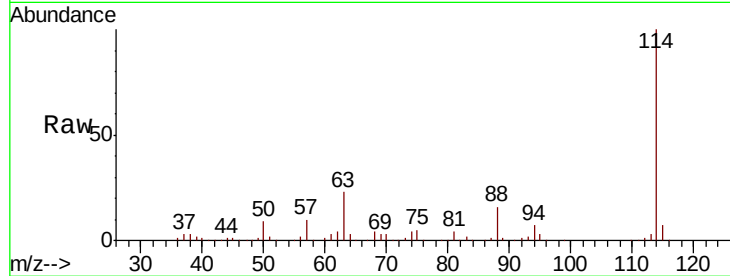
Tot Ion:114 Resp: 623132

Ion Ratio Lower Upper

114 100

63 23.3 0.0 45.2

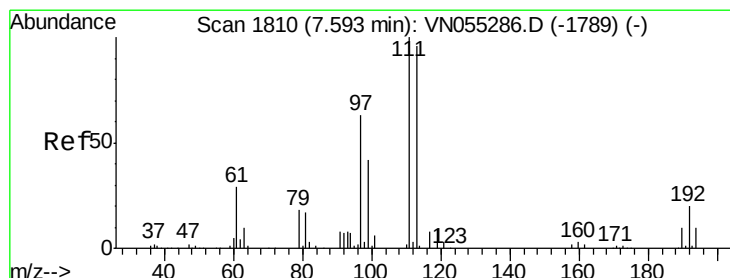
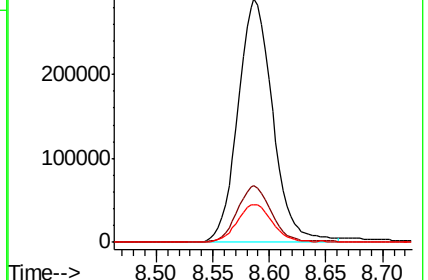
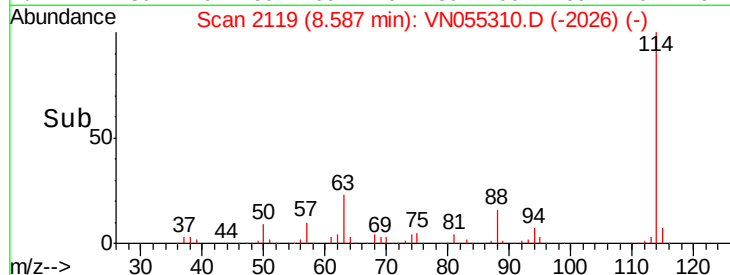
88 15.6 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.657 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055310.D

Acq: 30 Apr 2019 16:02

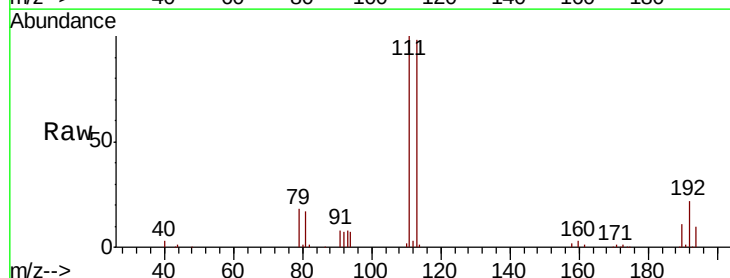
Tgt Ion:113 Resp: 207187

Ion Ratio Lower Upper

113 100

111 102.6 82.3 123.5

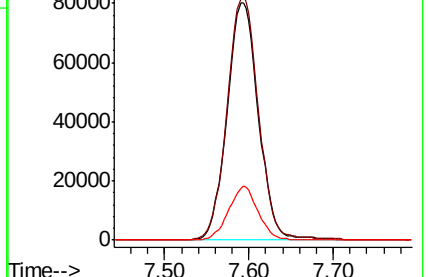
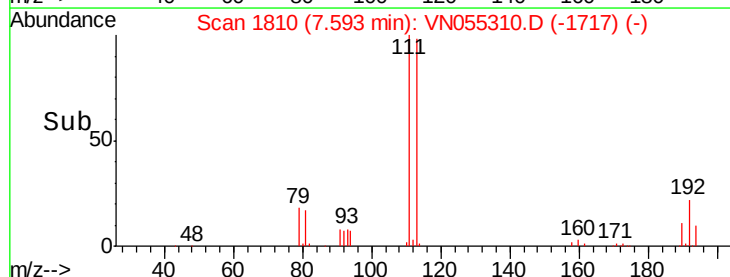
192 21.3 17.0 25.6

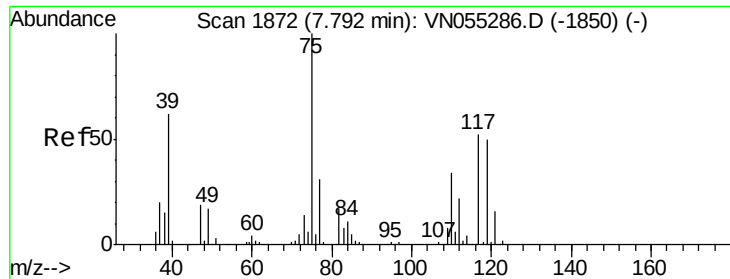


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

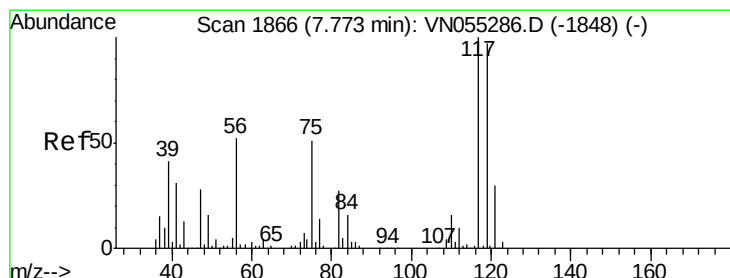
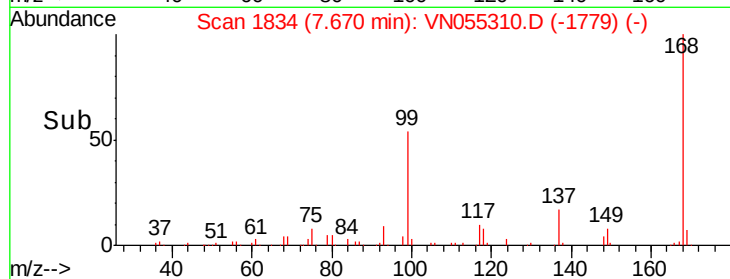
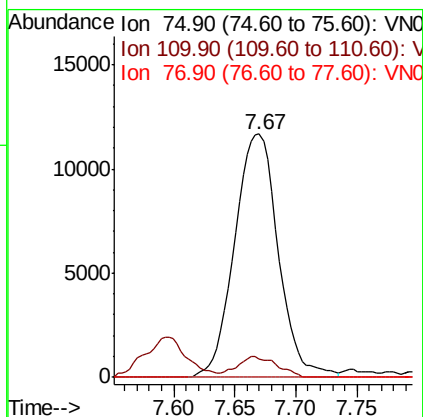
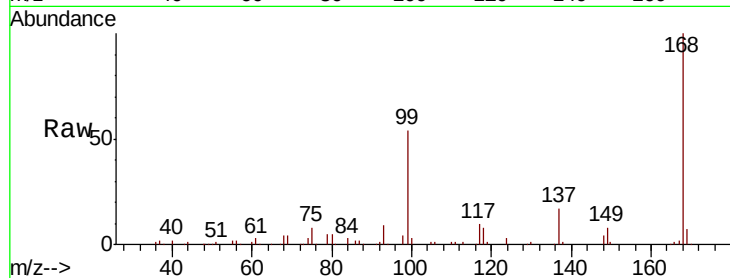




#36
 1,1-Dichloropropene
 Concen: 4.857 ug/l
 RT: 7.67 min Scan# 1834
 Delta R.T. -0.12 min
 Lab File: VN055310.D
 Acq: 30 Apr 2019 16:02

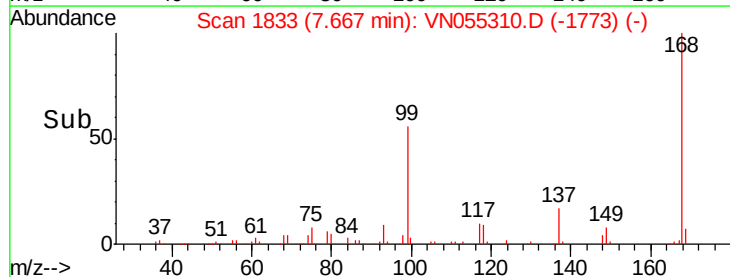
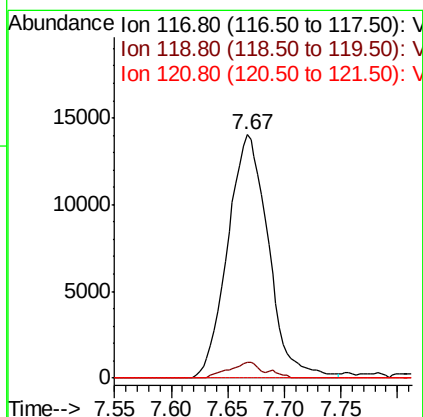
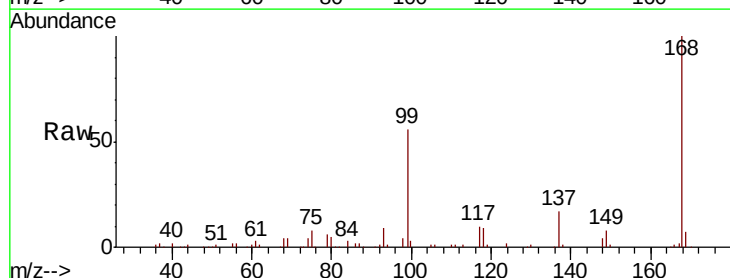
Instrument :
 MSVOA_N
 ClientSampleId :

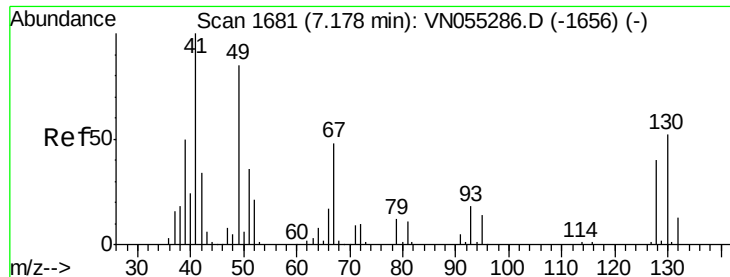
Tot Ion	75	Resp	28988
Ion Ratio	100	Lower	Upper
75	100		
110	7.7	16.8	50.4#
77	0.0	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 6.109 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN055310.D
 Acq: 30 Apr 2019 16:02

Tgt Ion	117	Resp	35172
Ion Ratio	100	Lower	Upper
117	100		
119	6.2	77.0	115.6#
121	0.0	23.8	35.8#





#41

Methacrylonitrile

Concen: 0.816 ug/l

RT: 7.19 min Scan# 1686

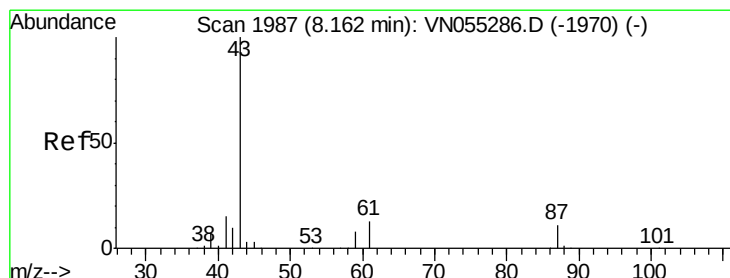
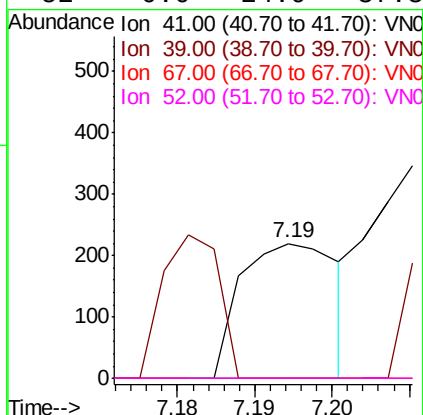
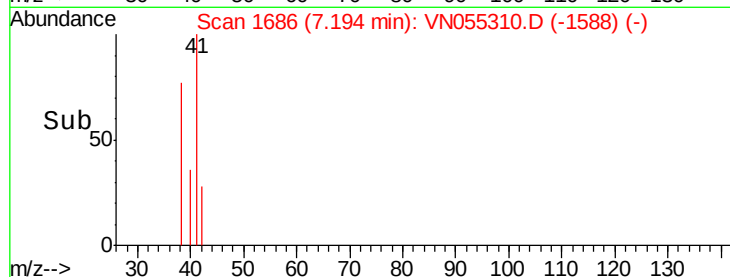
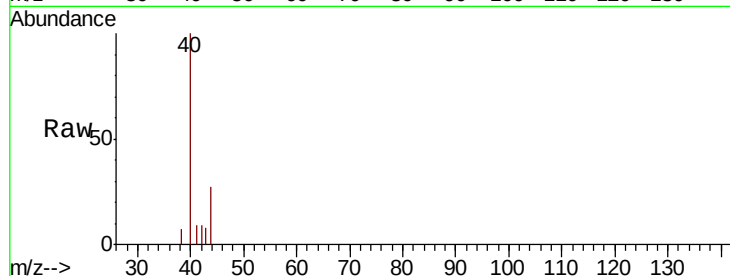
Delta R.T. 0.02 min

Lab File: VN055310.D

Acq: 30 Apr 2019 16:02

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	41	Resp:	191
Ion	Ratio	Lower	Upper
41	100		
39	62.3	48.5	72.7
67	0.0	54.9	82.3#
52	0.0	24.9	37.3#



#43

Isopropyl Acetate

Concen: 2.782 ug/l

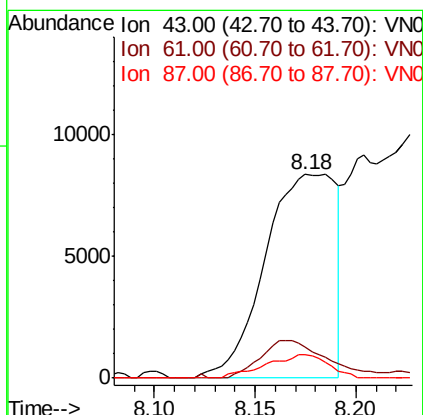
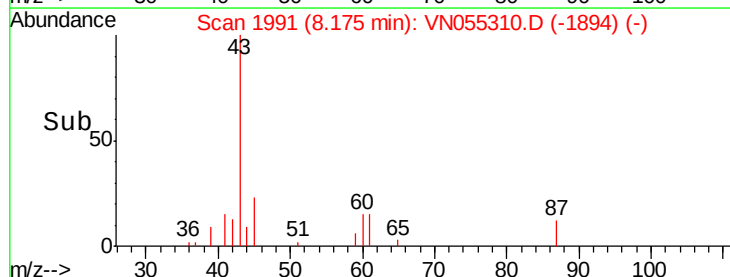
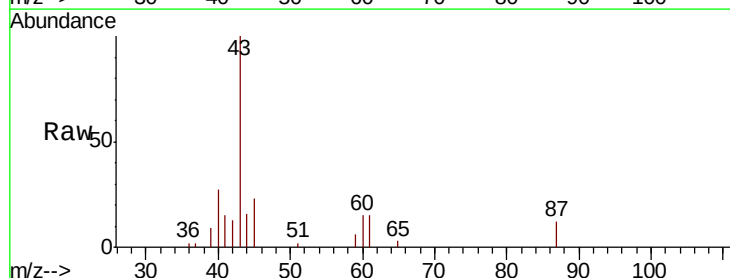
RT: 8.18 min Scan# 1991

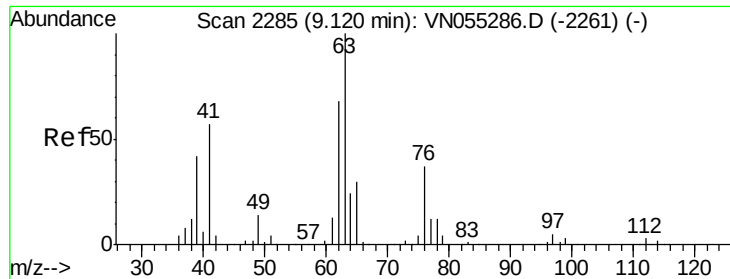
Delta R.T. 0.01 min

Lab File: VN055310.D

Acq: 30 Apr 2019 16:02

Tgt Ion:	43	Resp:	20452
Ion	Ratio	Lower	Upper
43	100		
61	17.4	20.8	31.2#
87	10.1	8.5	12.7

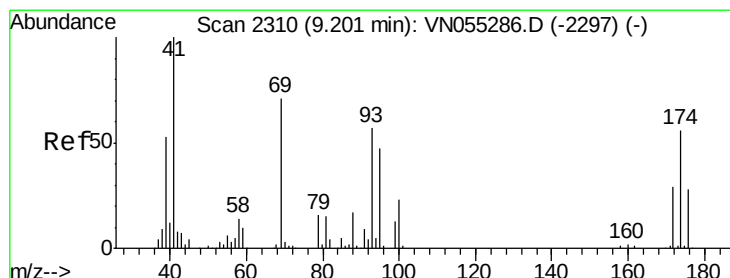
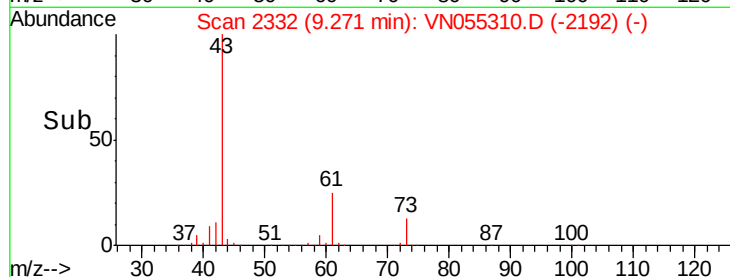
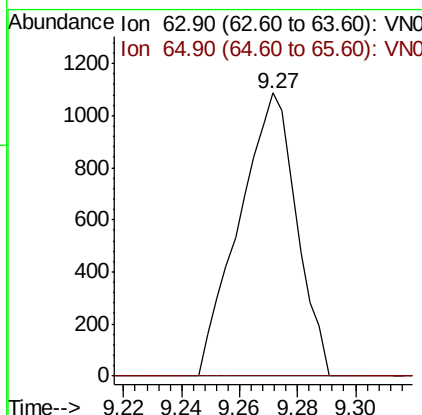
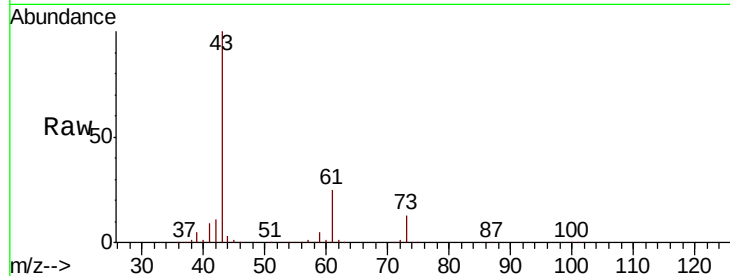




#45
 1,2-Dichloropropane
 Concen: 0.294 ug/l
 RT: 9.27 min Scan# 2332
 Delta R.T. 0.15 min
 Lab File: VN055310.D
 Acq: 30 Apr 2019 16:02

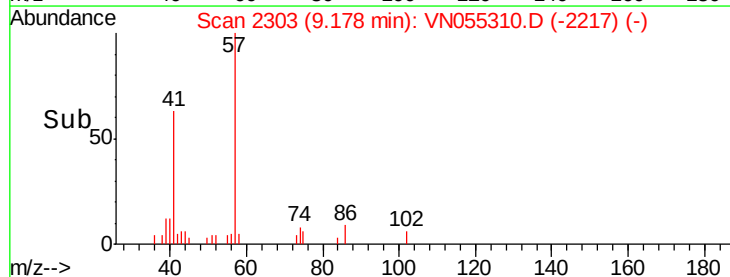
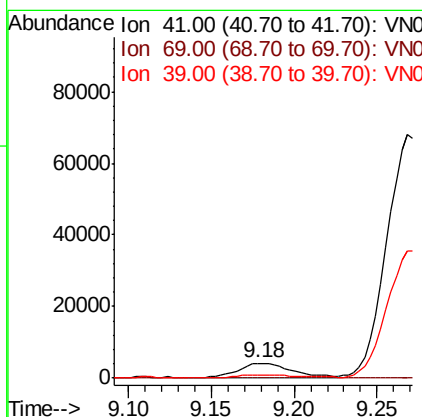
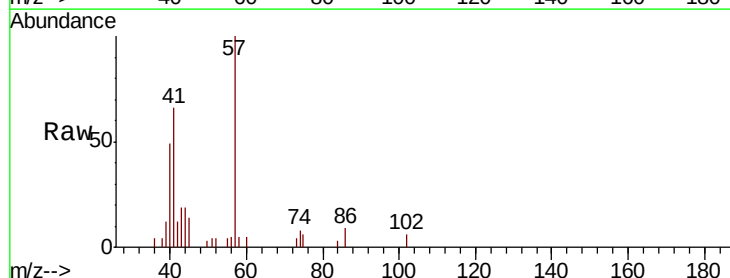
Instrument :
 MSVOA_N
 ClientSampled :

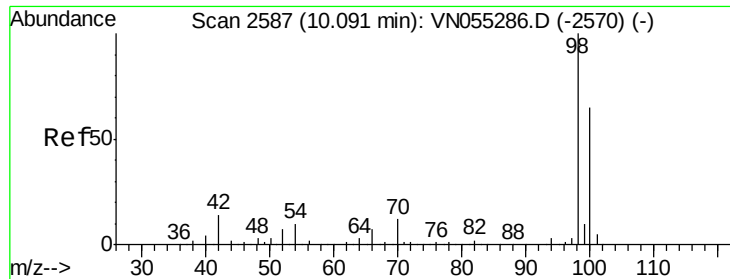
Tot Ion: 63 Resp: 1491
 Ion Ratio Lower Upper
 63 100
 65 0.0 23.9 35.9#



#48
 Methyl methacrylate
 Concen: 2.458 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: VN055310.D
 Acq: 30 Apr 2019 16:02

Tgt Ion: 41 Resp: 8882
 Ion Ratio Lower Upper
 41 100
 69 0.0 58.6 87.8#
 39 0.0 43.8 65.6#





#50

Toluene-d8

Concen: 53.577 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055310.D

Acq: 30 Apr 2019 16:02

Instrument :

MSVOA_N

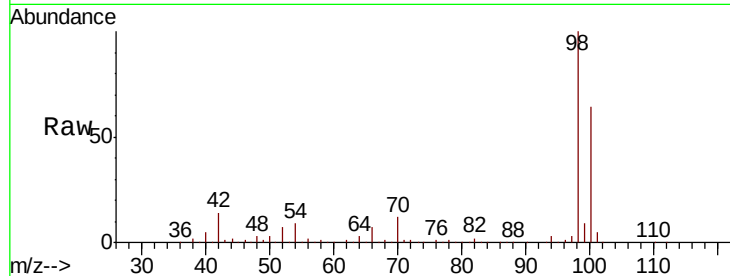
ClientSampled :

Tot Ion: 98 Resp: 791253

Ion Ratio Lower Upper

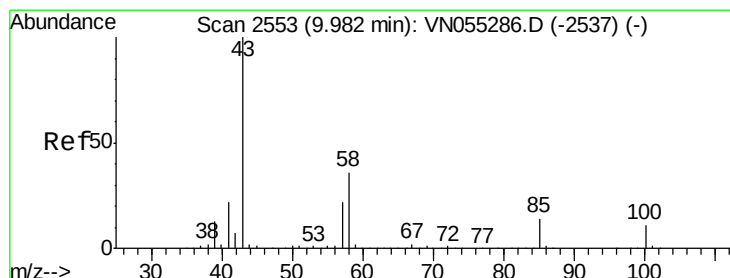
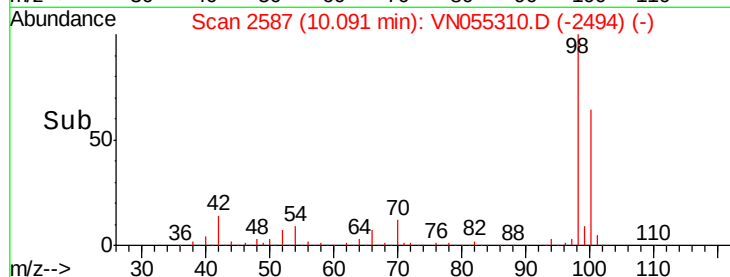
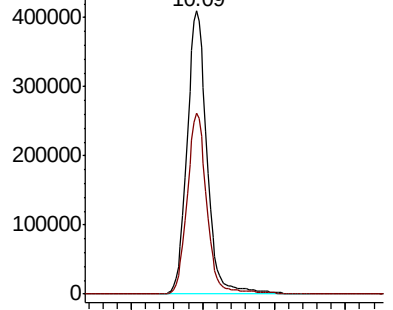
98 100

100 63.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN055286.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055286.D (-2570) (-)



#51

4-Methyl-2-Pentanone

Concen: 1.463 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055310.D

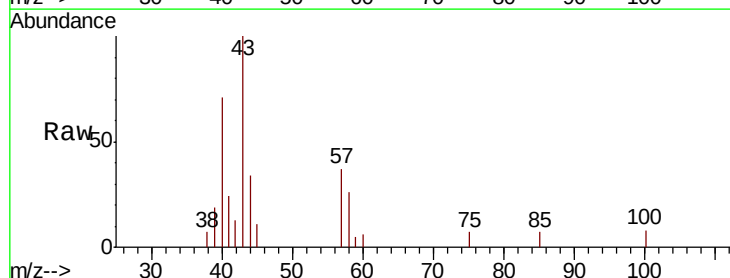
Acq: 30 Apr 2019 16:02

Tgt Ion: 43 Resp: 6055

Ion Ratio Lower Upper

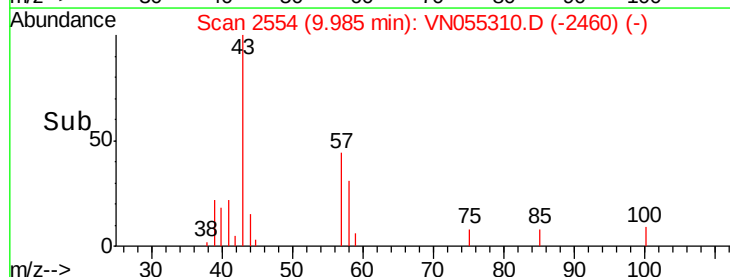
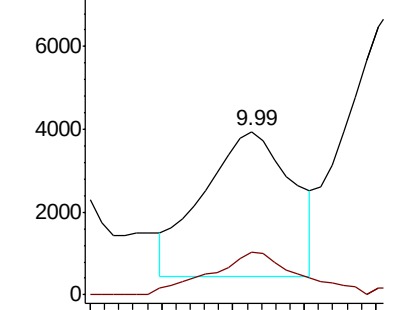
43 100

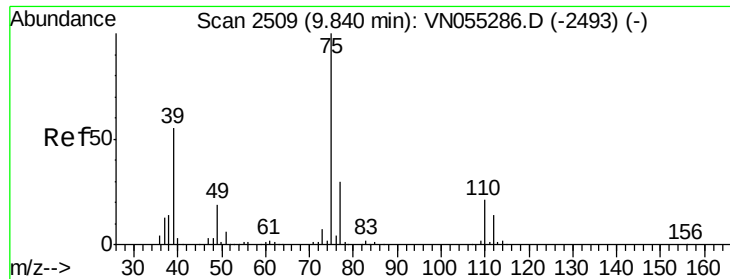
58 29.1 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VN055286.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN055286.D (-2537) (-)





#54

cis-1,3-Dichloropropene

Concen: 9.146 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN055310.D

Acq: 30 Apr 2019 16:02

Instrument :

MSVOA_N

ClientSampleId :

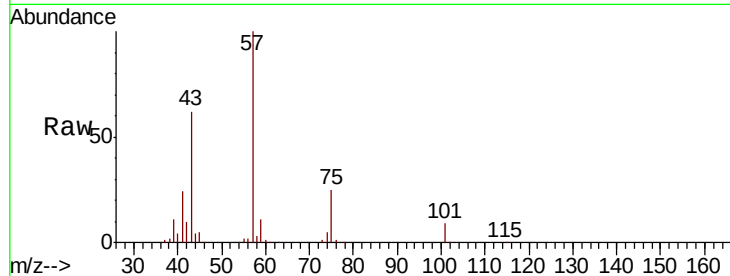
Tot Ion: 75 Resp: 58911

Ion Ratio Lower Upper

75 100

77 0.0 24.2 36.2#

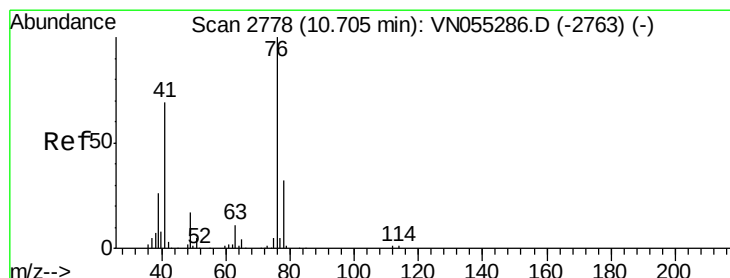
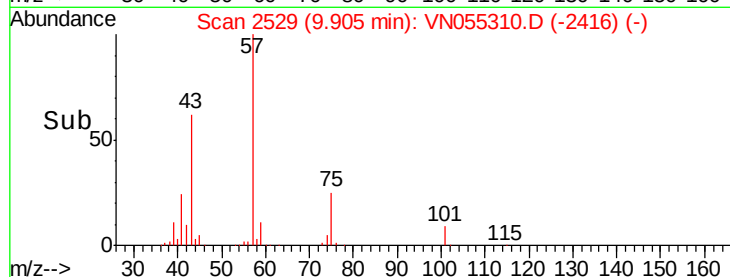
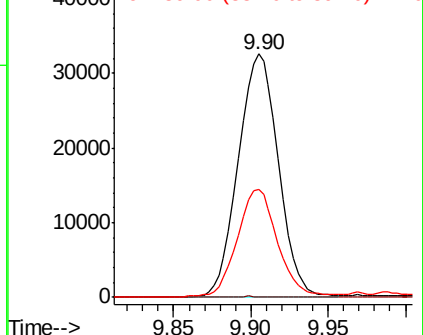
39 44.0 44.2 66.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 1.751 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN055310.D

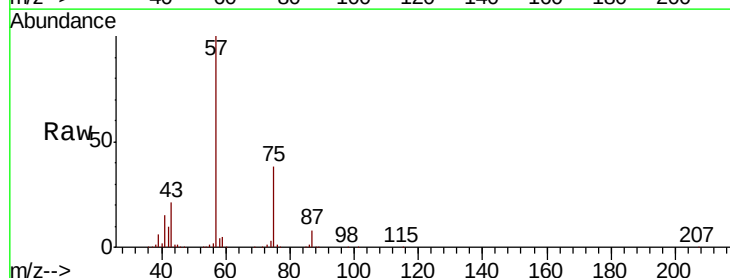
Acq: 30 Apr 2019 16:02

Tgt Ion: 76 Resp: 11513

Ion Ratio Lower Upper

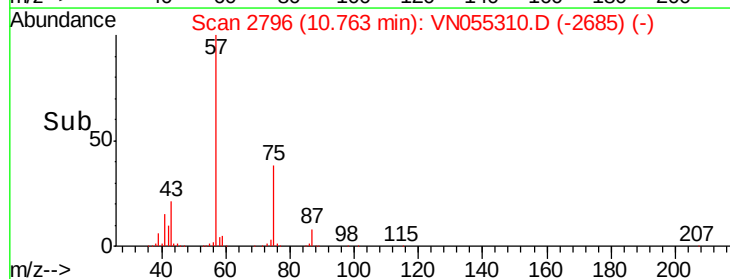
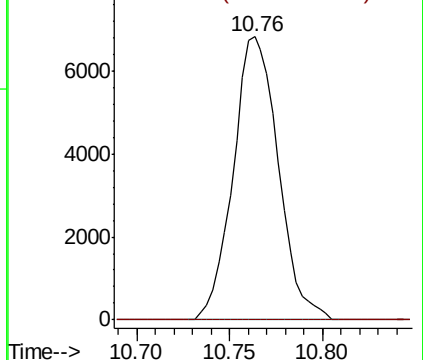
76 100

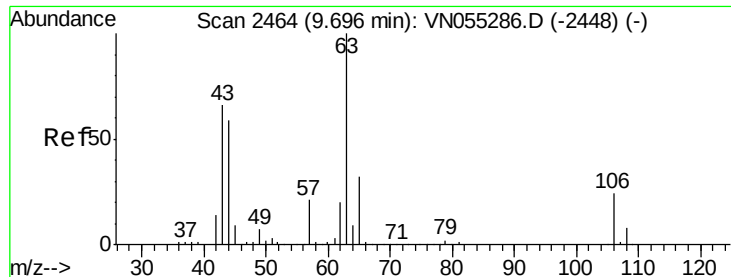
78 0.0 25.6 38.4#



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: 12.568 ug/l

RT: 9.91 min Scan# 2530

Delta R.T. 0.21 min

Lab File: VN055310.D

Acq: 30 Apr 2019 16:02

Instrument :

MSVOA_N

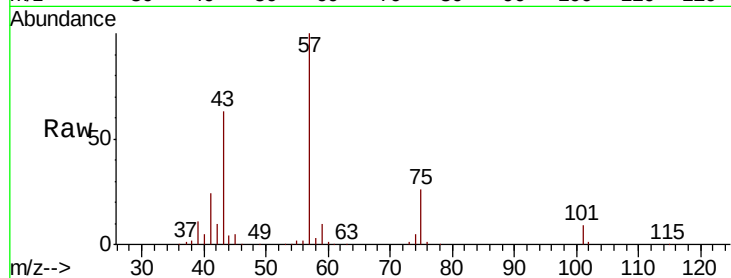
ClientSampleId :

Tot Ion: 63 Resp: 246

Ion Ratio Lower Upper

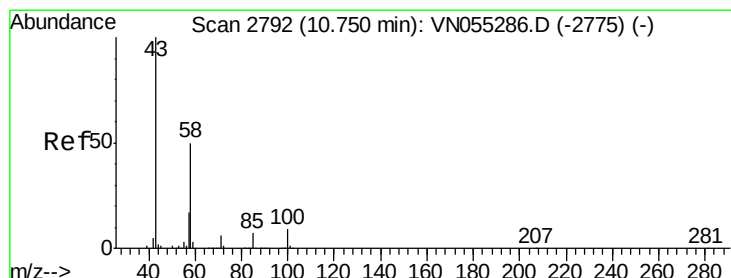
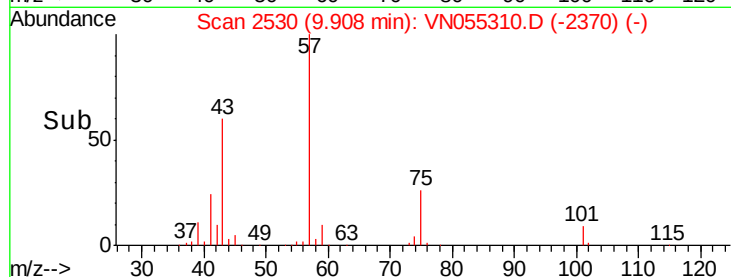
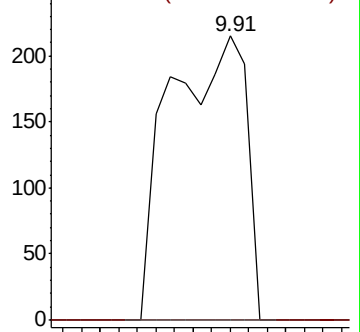
63 100

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: 71.428 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN055310.D

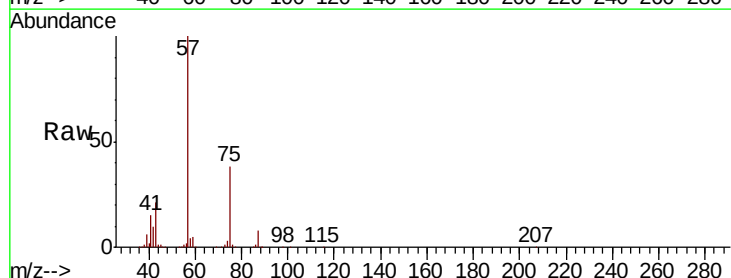
Acq: 30 Apr 2019 16:02

Tgt Ion: 43 Resp: 184976

Ion Ratio Lower Upper

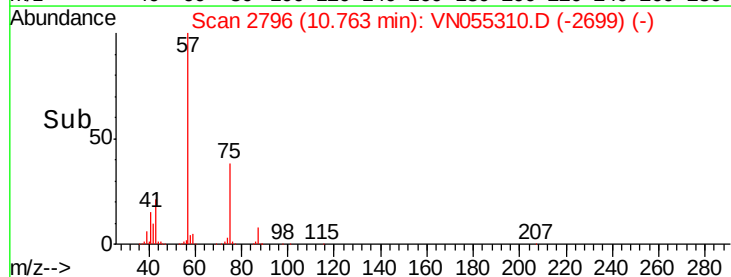
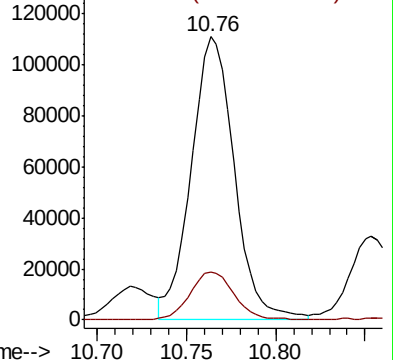
43 100

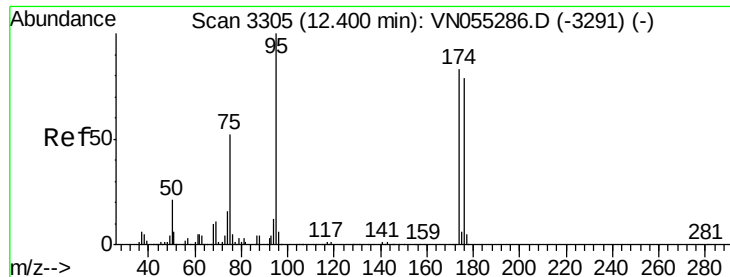
58 17.8 24.9 74.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

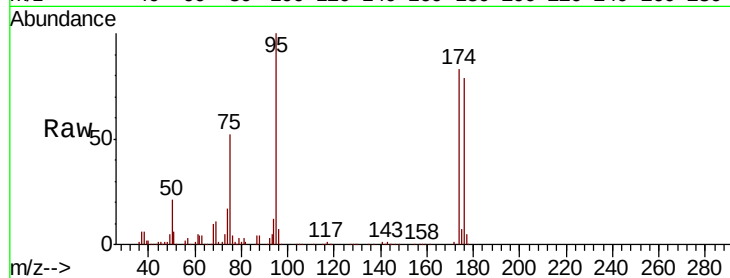




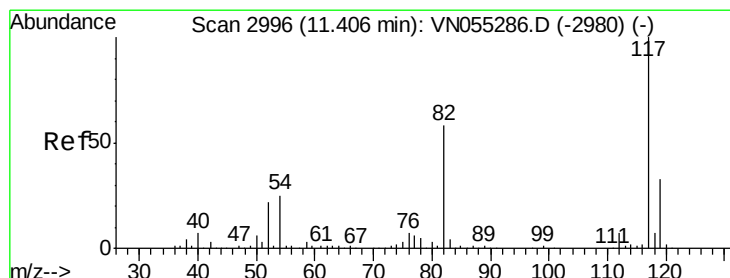
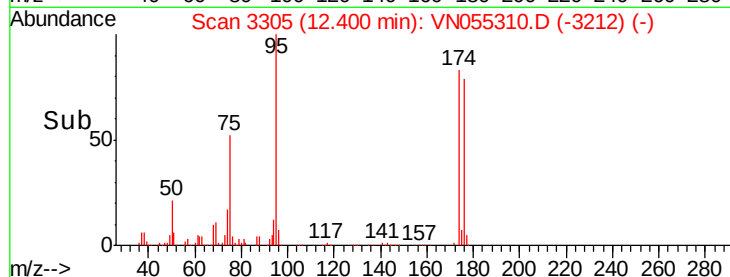
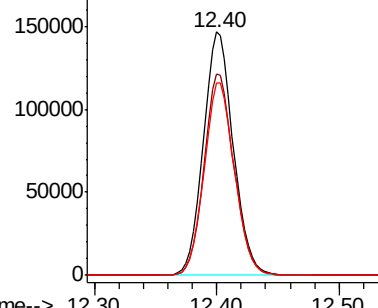
#62
4-Bromofluorobenzene
Concen: 54.282 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055310.D
Acq: 30 Apr 2019 16:02

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
95	100		
174	82.6	0.0	166.6
176	79.9	0.0	157.8

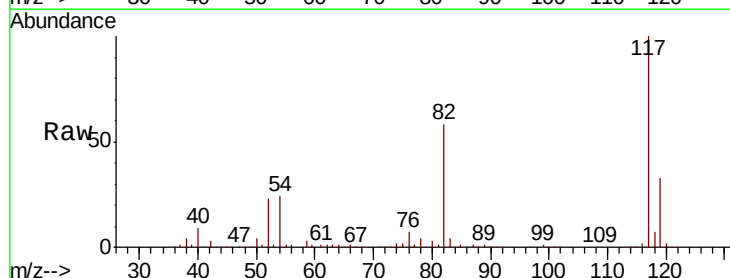


Abundance Ion 94.90 (94.60 to 95.60): VN055310.D (-2903) (-)
Ion 173.80 (173.50 to 174.50): VN055310.D (-2903) (-)
Ion 175.80 (175.50 to 176.50): VN055310.D (-2903) (-)

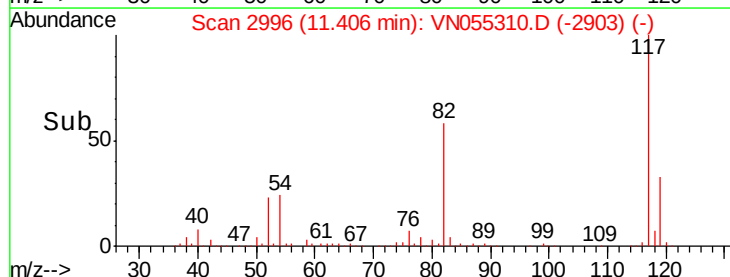
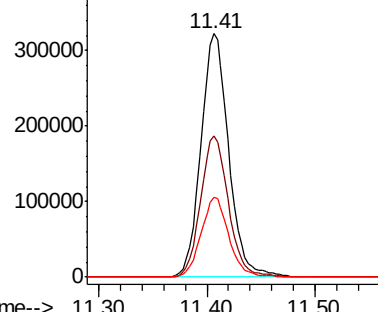


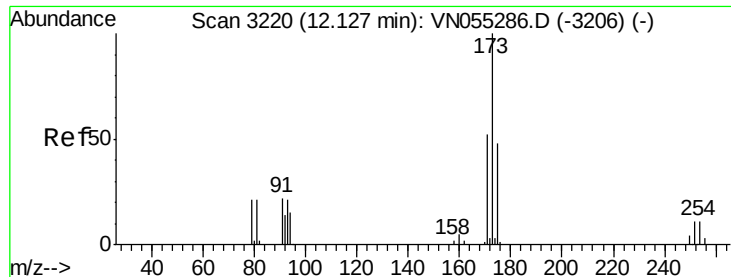
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055310.D
Acq: 30 Apr 2019 16:02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.8	46.2	69.4
119	32.7	26.6	40.0



Abundance Ion 116.90 (116.60 to 117.60): VN055310.D (-2903) (-)
Ion 82.00 (81.70 to 82.70): VN055310.D (-2903) (-)
Ion 118.90 (118.60 to 119.60): VN055310.D (-2903) (-)





#71

Bromoform

Concen: 0.637 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN055310.D

Acq: 30 Apr 2019 16:02

Instrument :

MSVOA_N

ClientSampled :

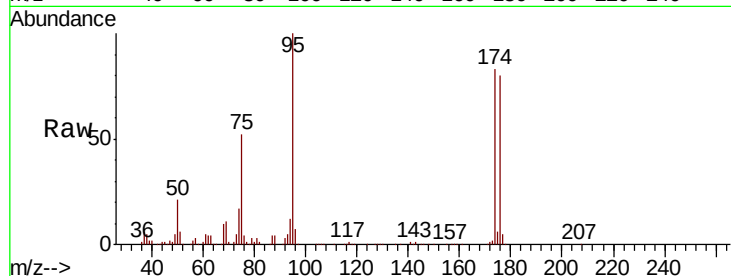
Tot Ion:173 Resp: 1564

Ion Ratio Lower Upper

173 100

175 902.4 23.6 71.0#

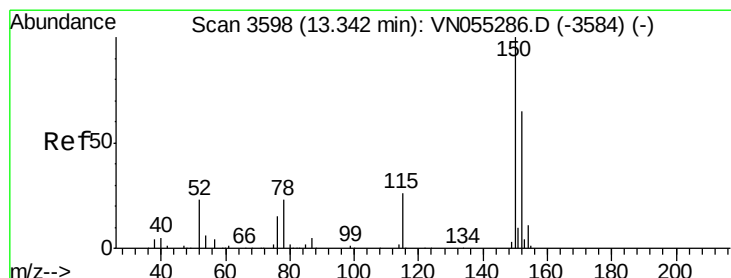
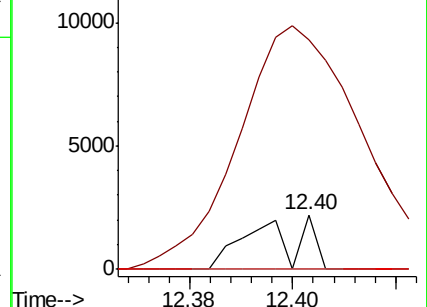
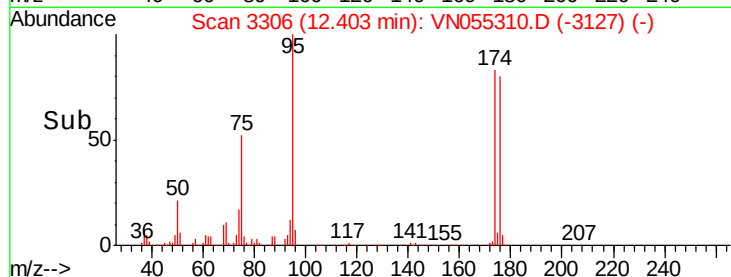
254 0.0 0.0 0.0



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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055310.D

Acq: 30 Apr 2019 16:02

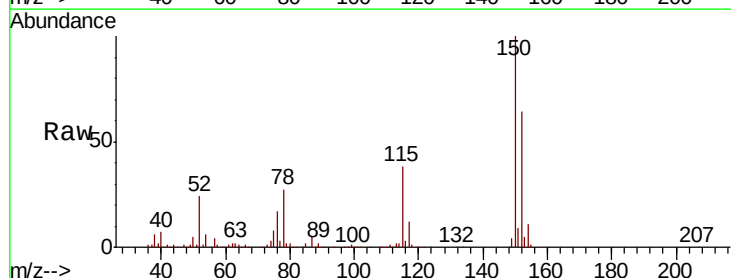
Tgt Ion:152 Resp: 178317

Ion Ratio Lower Upper

152 100

115 59.1 29.0 87.0

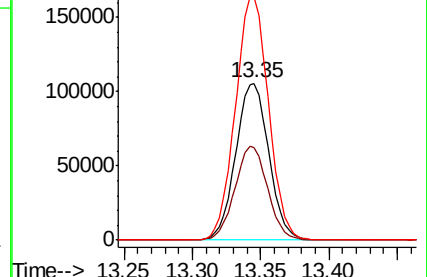
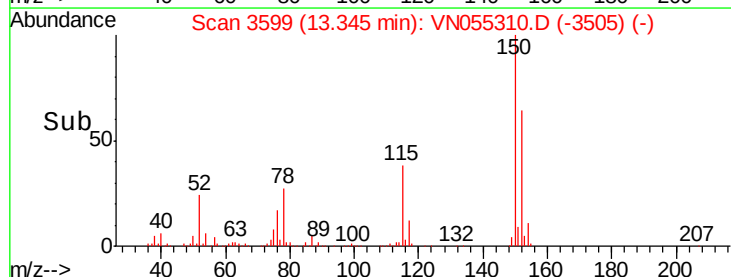
150 155.0 0.0 345.6

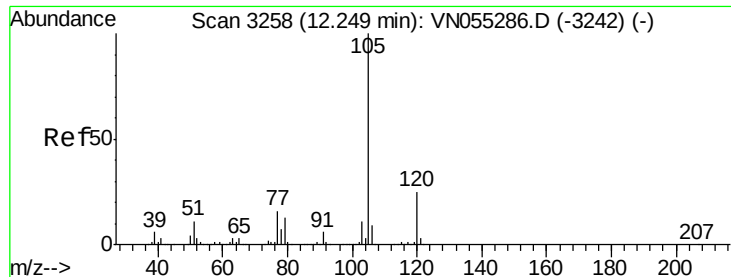


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.24 min Scan# 3256

Delta R.T. -0.01 min

Lab File: VN055310.D

Acq: 30 Apr 2019 16:02

Instrument :

MSVOA_N

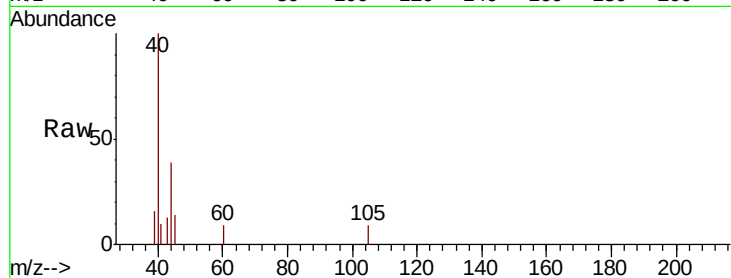
ClientSampleId :

Tot Ion:105 Resp: 106

Ion Ratio Lower Upper

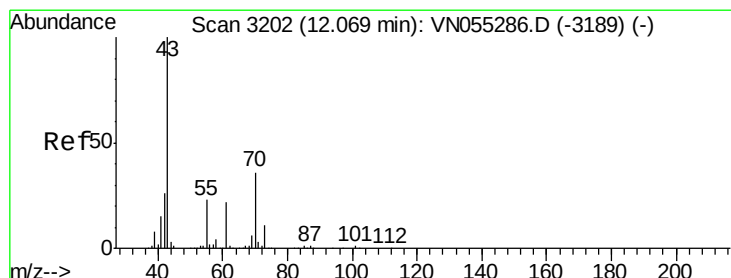
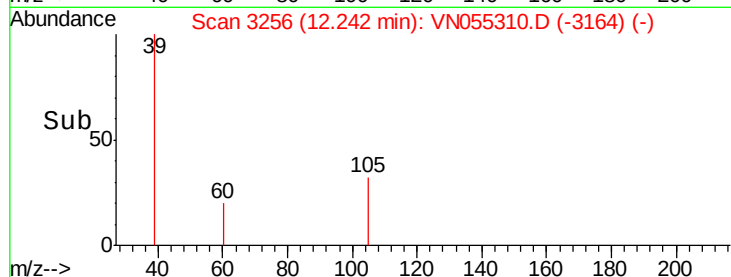
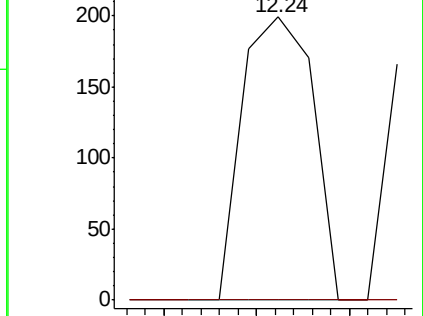
105 100

120 0.0 12.9 38.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 3.903 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN055310.D

Acq: 30 Apr 2019 16:02

Tgt Ion: 43 Resp: 17861

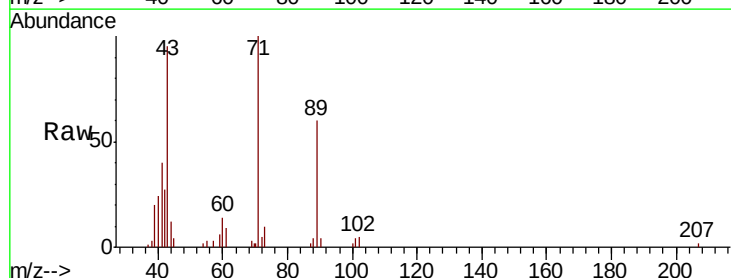
Ion Ratio Lower Upper

43 100

70 1.5 27.9 41.9#

55 2.9 18.2 27.2#

61 9.8 16.9 25.3#

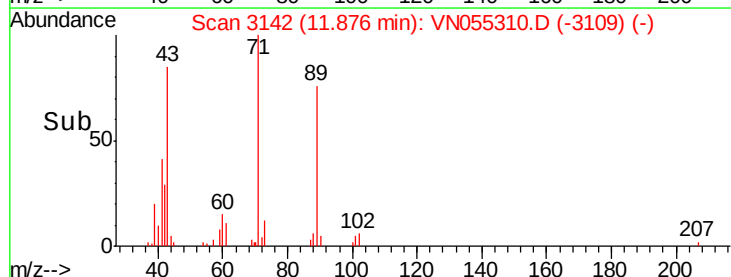
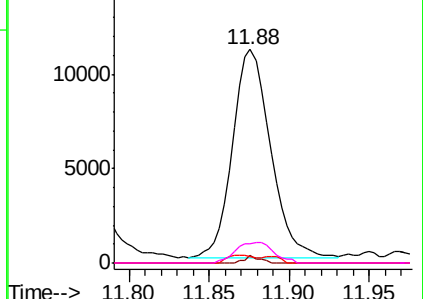


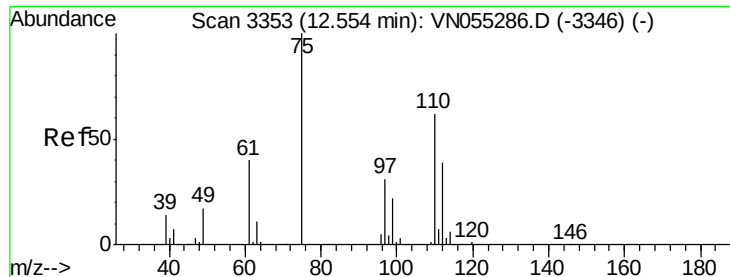
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

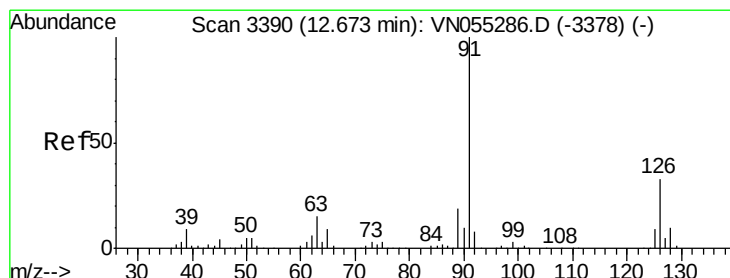
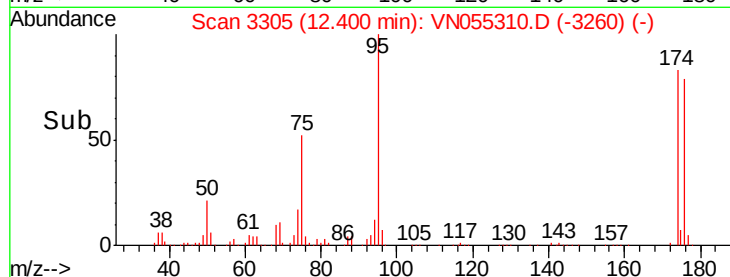
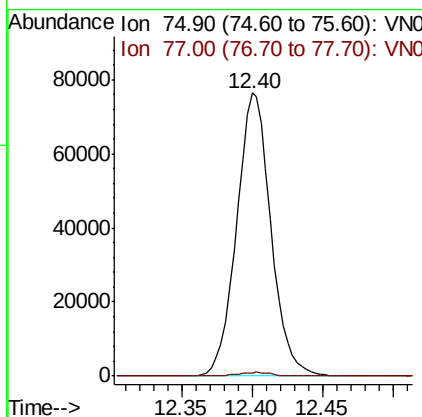
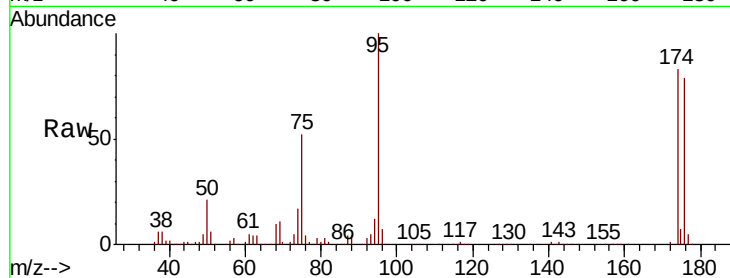




#76
 1,2,3-Trichloropropane
 Concen: 38.592 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN055310.D
 Acq: 30 Apr 2019 16:02

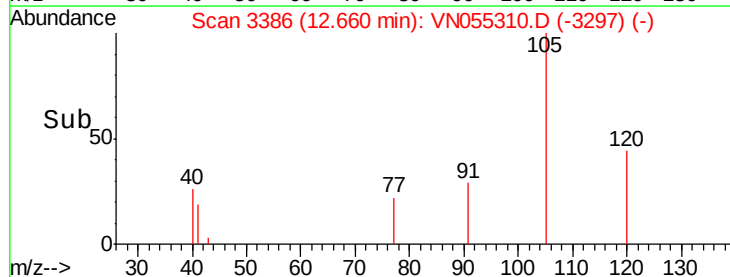
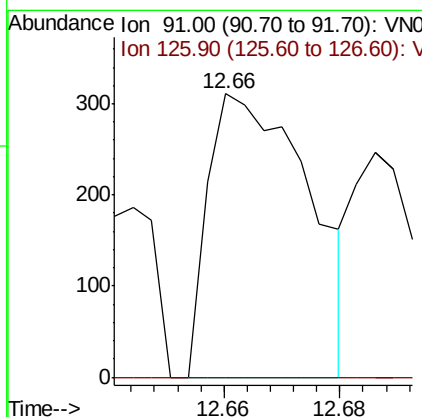
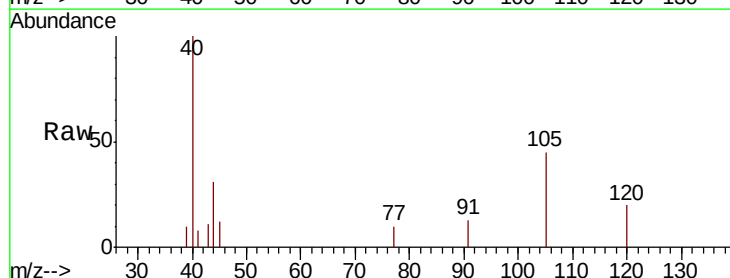
Instrument :
 MSVOA_N
 ClientSampled :

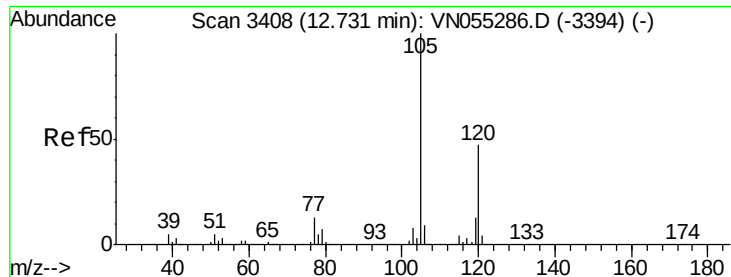
Tot Ion: 75 Resp: 129815
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.66 min Scan# 3386
 Delta R.T. -0.01 min
 Lab File: VN055310.D
 Acq: 30 Apr 2019 16:02

Tgt Ion: 91 Resp: 374
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.6 49.7#





#80

1,3,5-Trimethylbenzene

Concen: 0.267 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055310.D

Acq: 30 Apr 2019 16:02

Instrument :

MSVOA_N

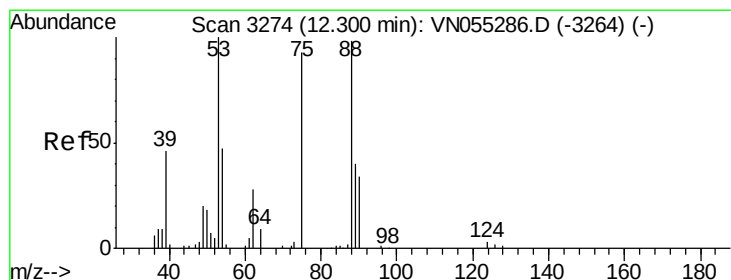
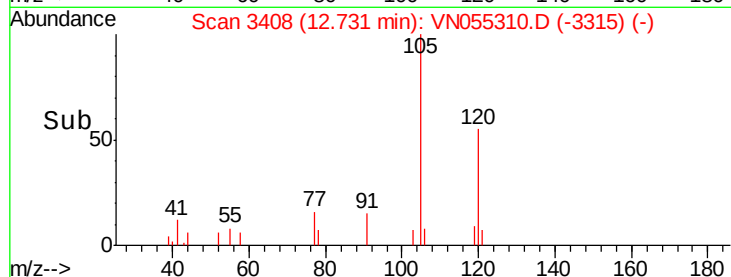
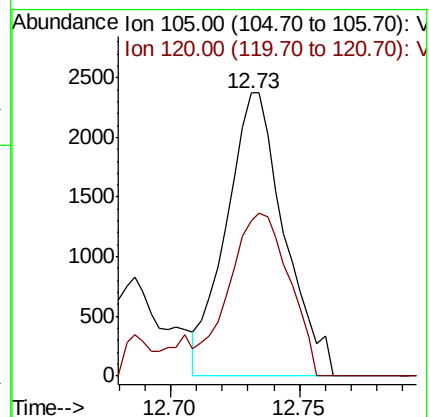
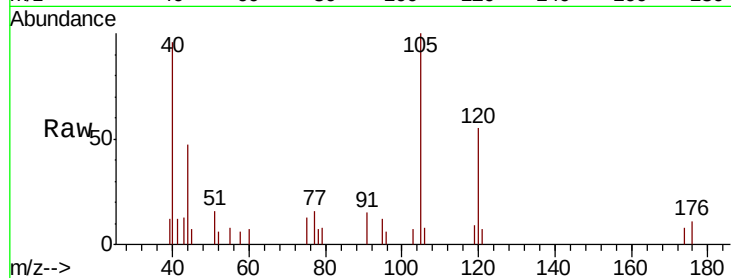
ClientSampled :

Tot Ion:105 Resp: 3726

Ion Ratio Lower Upper

105 100

120 60.0 23.4 70.0



#81

trans-1,4-Dichloro-2-butene

Concen: 137.961 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055310.D

Acq: 30 Apr 2019 16:02

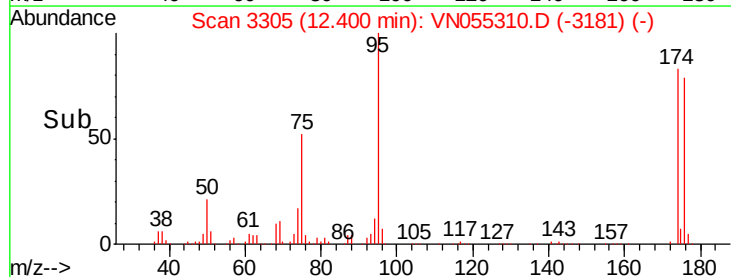
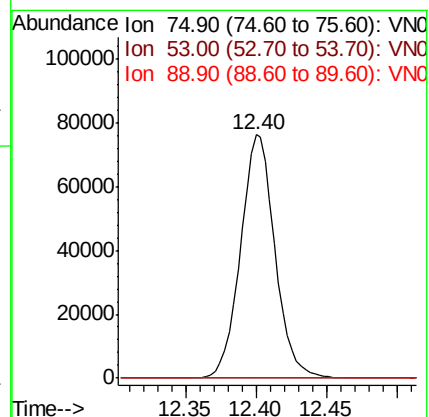
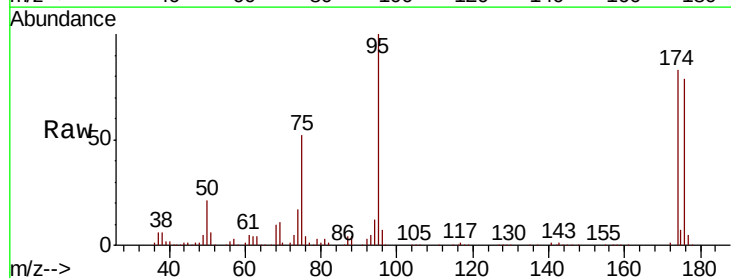
Tgt Ion: 75 Resp: 129815

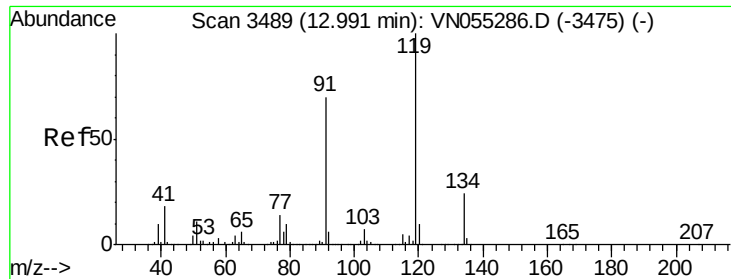
Ion Ratio Lower Upper

75 100

53 0.0 86.3 129.5#

89 0.0 34.6 51.8#

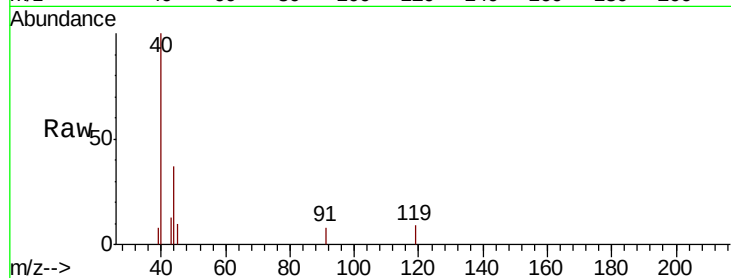




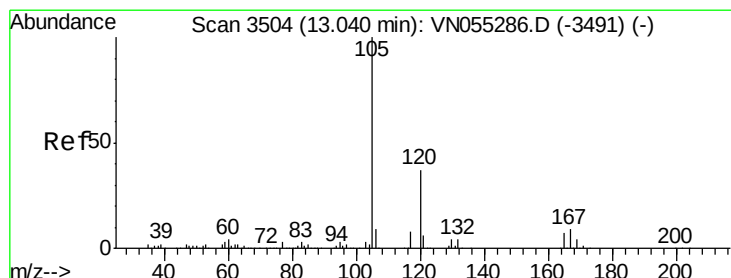
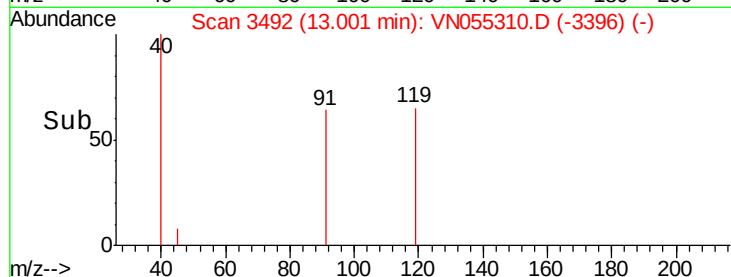
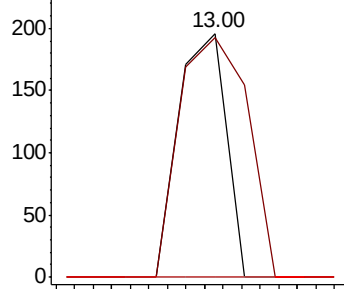
#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 13.00 min Scan# 3492
 Delta R.T. 0.01 min
 Lab File: VN055310.D
 Acq: 30 Apr 2019 16:02

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:119 Resp: 71
 Ion Ratio Lower Upper
 119 100
 91 140.8 34.3 102.9#
 134 0.0 13.1 39.3#

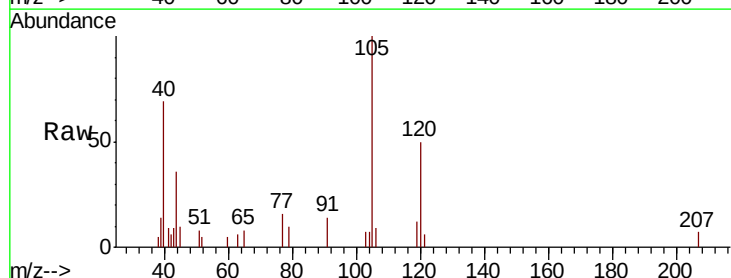


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

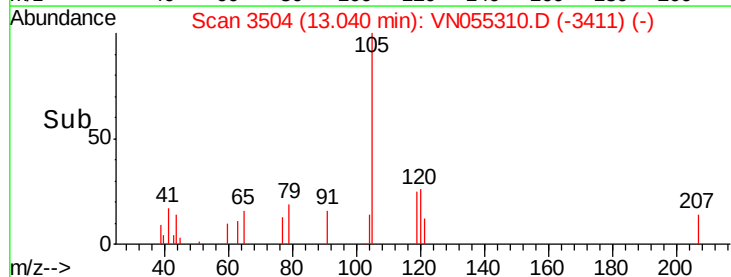
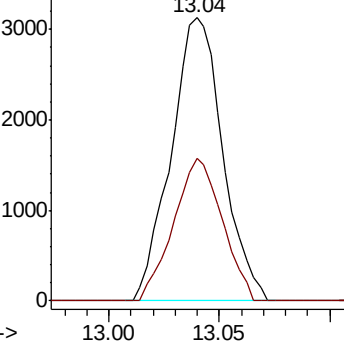


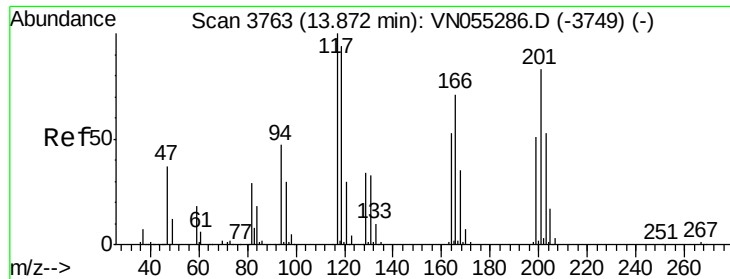
#84
 1,2,4-Trimethylbenzene
 Concen: 0.407 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055310.D
 Acq: 30 Apr 2019 16:02

Tgt Ion:105 Resp: 5085
 Ion Ratio Lower Upper
 105 100
 120 47.4 22.1 66.5



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





#90

Hexachloroethane

Concen: Below Cal

RT: 13.84 min Scan# 3754

Delta R.T. -0.03 min

Lab File: VN055310.D

Acq: 30 Apr 2019 16:02

Instrument :

MSVOA_N

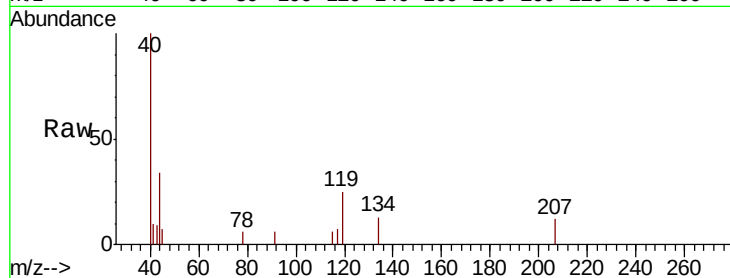
ClientSampleId :

Tot Ion:117 Resp: 97

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

13.84

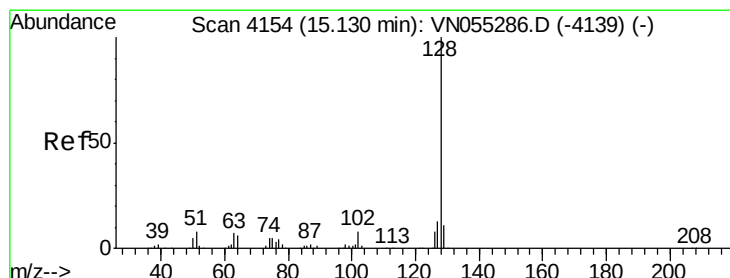
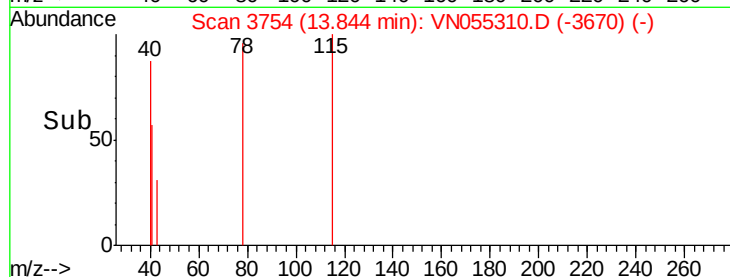
150

100

50

0

Time-->



#95

Naphthalene

Concen: 3.664 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055310.D

Acq: 30 Apr 2019 16:02

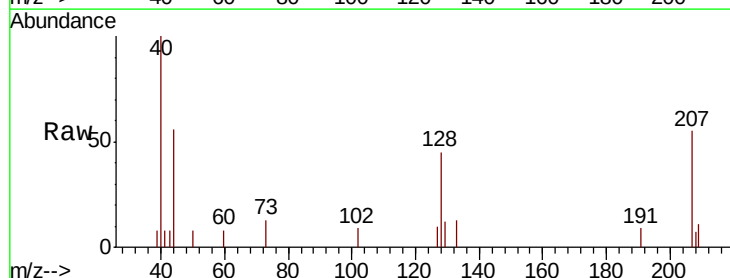
Tgt Ion:128 Resp: 1780

Ion Ratio Lower Upper

128 100

127 8.7 10.7 16.1#

129 16.2 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

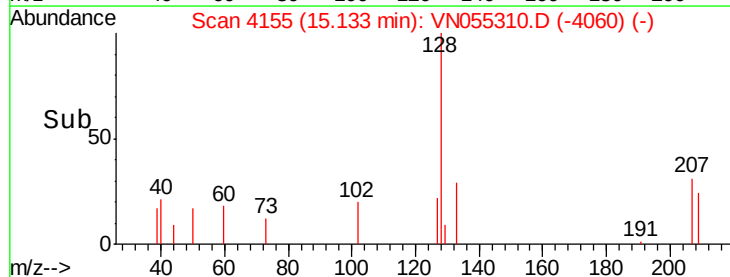
15.13

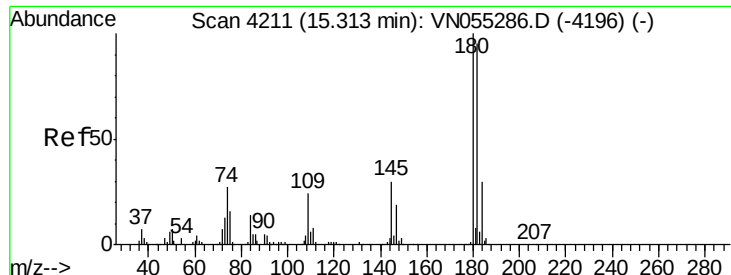
1000

500

0

Time-->

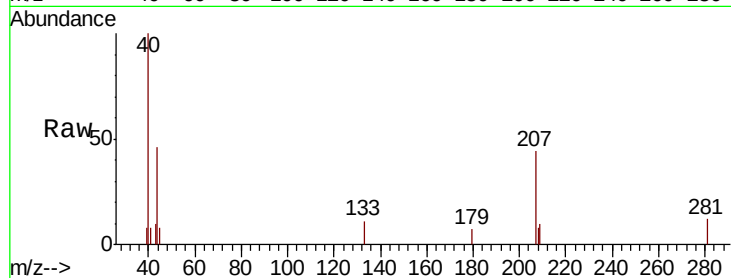




#96
 1,2,3-Trichlorobenzene
 Concen: 2.639 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN055310.D
 Acq: 30 Apr 2019 16:02

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.3	144.9#
145	95.3	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

