

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN043019\
 Data File : VN055303.D
 Acq On : 30 Apr 2019 13:04
 Operator : JC/SP
 Sample : K2194-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 01 05:17:16 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	366114	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	630836	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	577539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	165611	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	255790	53.41	ug/l	0.00
Spiked Amount			Recovery	=	106.82%	
35) Dibromofluoromethane	7.59	113	207483	50.11	ug/l	0.00
Spiked Amount			Recovery	=	100.22%	
50) Toluene-d8	10.09	98	784425	52.47	ug/l	0.00
Spiked Amount			Recovery	=	104.94%	
62) 4-Bromofluorobenzene	12.40	95	243015	52.01	ug/l	0.00
Spiked Amount			Recovery	=	104.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.77	59	93	0.339	ug/l #	73
13) Acrolein	3.62	56	62	0.290	ug/l #	14
16) Acetone	3.82	43	12558	8.415	ug/l	94
17) Carbon Disulfide	4.05	76	3638	0.385	ug/l #	74
20) Methylene Chloride	4.55	84	84895	18.637	ug/l	96
25) 2-Butanone	6.84	43	1642	0.860	ug/l #	88
29) Tetrahydrofuran	7.21	42	384	0.314	ug/l #	27
30) Chloroform	7.37	83	4854	0.646	ug/l	96
31) Cyclohexane	7.67	56	8338	1.107	ug/l #	12
36) 1,1-Dichloropropene	7.66	75	28001	4.634	ug/l #	50
38) Carbon Tetrachloride	7.67	117	33952	5.825	ug/l #	15
41) Methacrylonitrile	7.23	41	820	1.062	ug/l #	28
43) Isopropyl Acetate	8.17	43	15242	2.048	ug/l #	87
48) Methyl methacrylate	9.18	41	8175	2.234	ug/l #	18
51) 4-Methyl-2-Pentanone	10.03	43	8306	1.982	ug/l #	39
54) cis-1,3-Dichloropropene	9.90	75	51925	7.963	ug/l #	71
57) 1,3-Dichloropropane	10.77	76	10785	1.620	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.91	63	235	12.559	ug/l #	52
59) 2-Hexanone	10.76	43	169472	64.642	ug/l #	55
71) Bromoform	12.41	173	2483	1.012	ug/l #	1
73) Isopropylbenzene	12.25	105	321	Below Cal	#	49
74) N-amyl acetate	11.88	43	16149	3.800	ug/l #	58
76) 1,2,3-Trichloropropane	12.40	75	125660	40.335	ug/l #	100
79) 2-Chlorotoluene	12.68	91	219	Below Cal	#	42
80) 1,3,5-Trimethylbenzene	12.73	105	3392	0.261	ug/l	85
81) trans-1,4-Dichloro-2-buten	12.40	75	125660	143.791	ug/l #	7
83) tert-Butylbenzene	12.99	119	143	Below Cal	#	25
90) Hexachloroethane	13.95	117	72	Below Cal	#	7
93) 1,2,4-Trichlorobenzene	14.90	180	180	3.388	ug/l	90
94) Hexachlorobutadiene	15.01	225	109	Below Cal	#	20
95) Naphthalene	15.14	128	2252	3.785	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.31	180	64	2.641	ug/l #	1

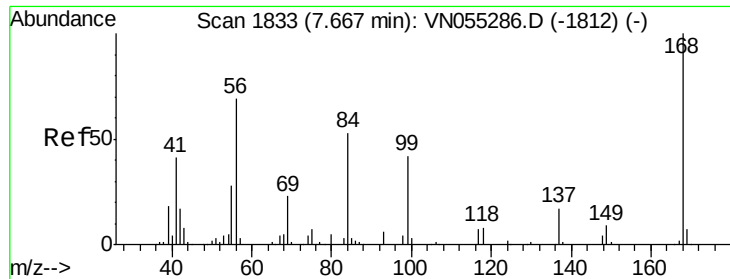
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN043019\
Data File : VN055303.D
Acq On : 30 Apr 2019 13:04
Operator : JC/SP
Sample : K2194-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Quant Time: May 01 05:17:16 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)

(#) = 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: VN055303.D

Acq: 30 Apr 2019 13:04

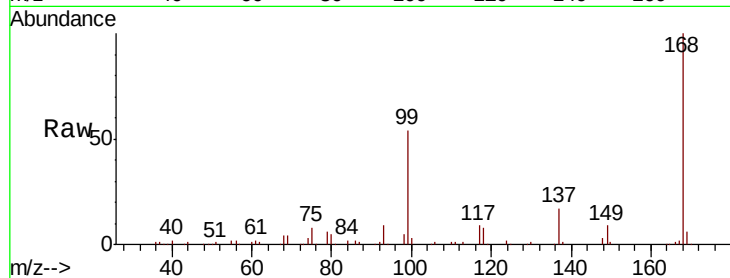
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 366114

Ion Ratio Lower Upper

168 100

99 54.1 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

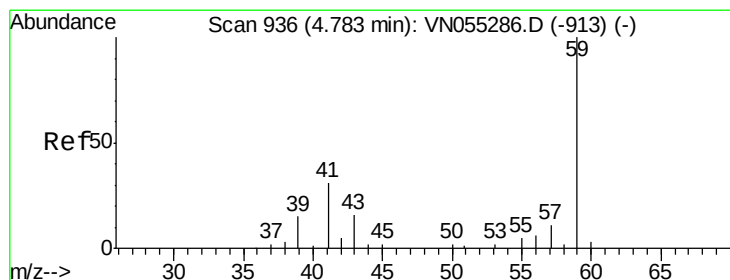
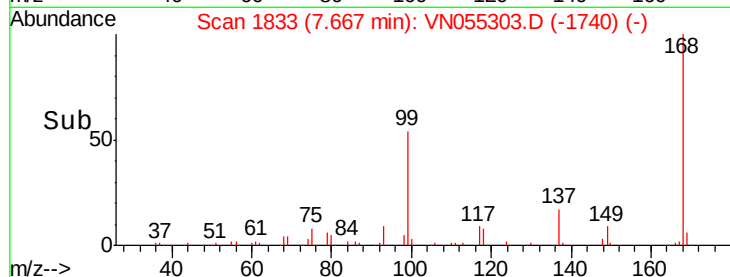
100000

50000

0

Time-->

7.60 7.70 7.80



#11

Tert butyl alcohol

Concen: 0.339 ug/l

RT: 4.77 min Scan# 931

Delta R.T. -0.02 min

Lab File: VN055303.D

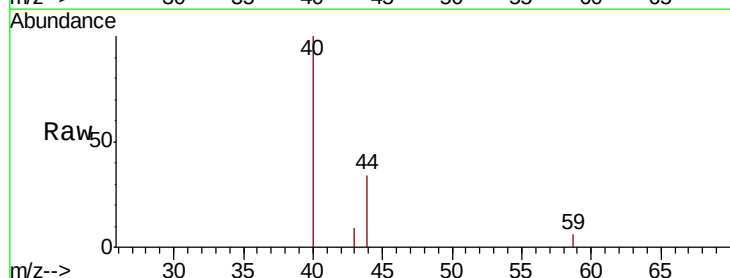
Acq: 30 Apr 2019 13:04

Tgt Ion: 59 Resp: 93

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.77

200

150

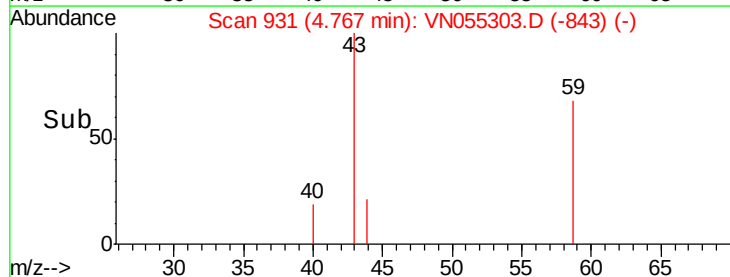
100

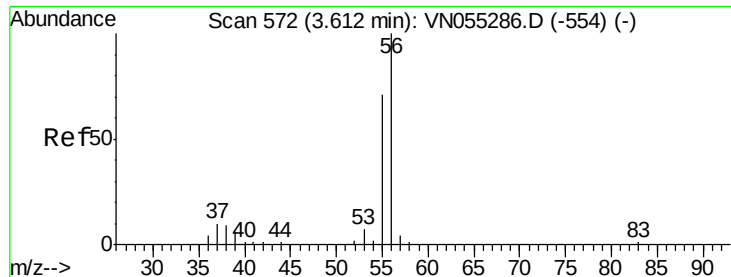
50

0

Time-->

4.75 4.76 4.77 4.78





#13

Acrolein

Concen: 0.290 ug/l

RT: 3.62 min Scan# 573

Delta R.T. 0.00 min

Lab File: VN055303.D

Acq: 30 Apr 2019 13:04

Instrument :

MSVOA_N

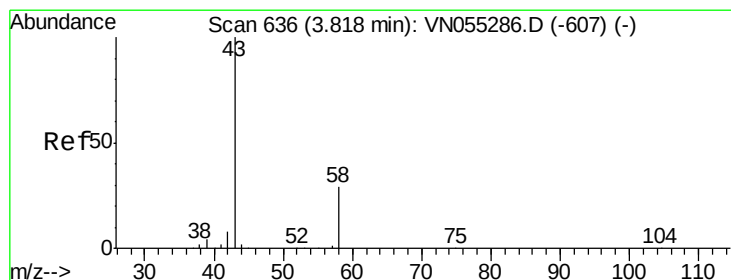
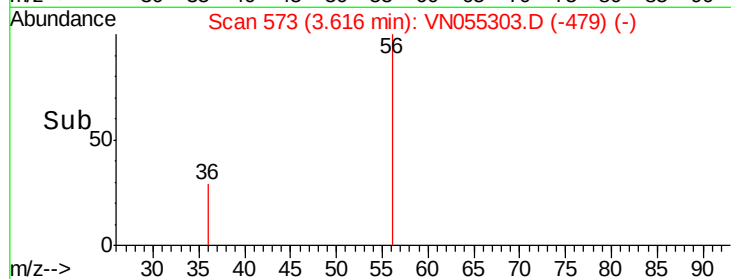
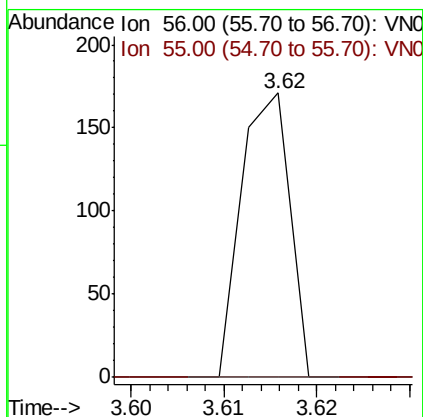
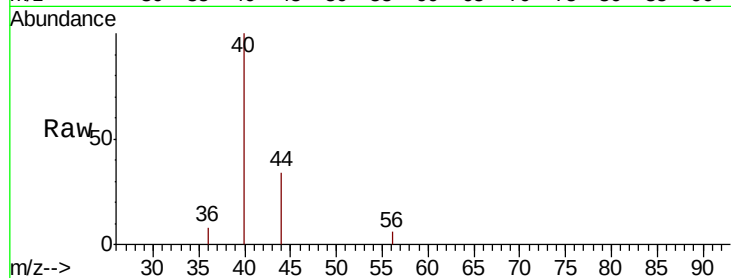
ClientSampleId :

Tot Ion: 56 Resp: 62

Ion Ratio Lower Upper

56 100

55 0.0 57.4 86.2#



#16

Acetone

Concen: 8.415 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055303.D

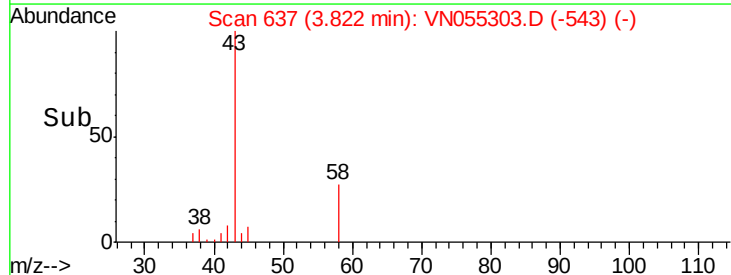
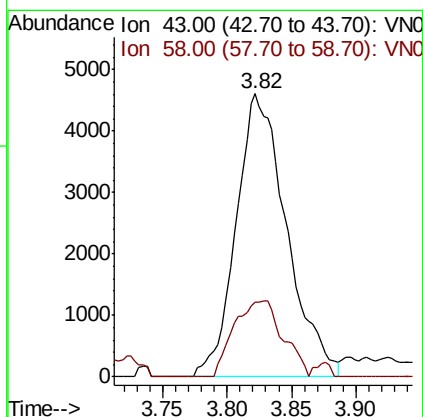
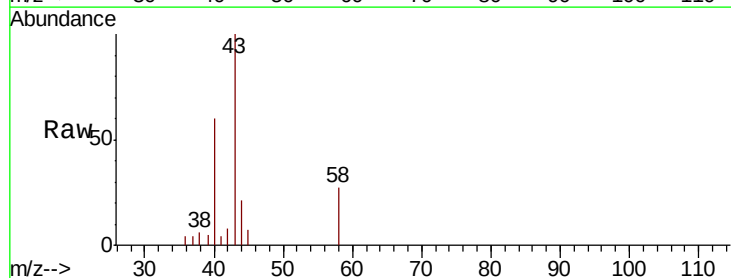
Acq: 30 Apr 2019 13:04

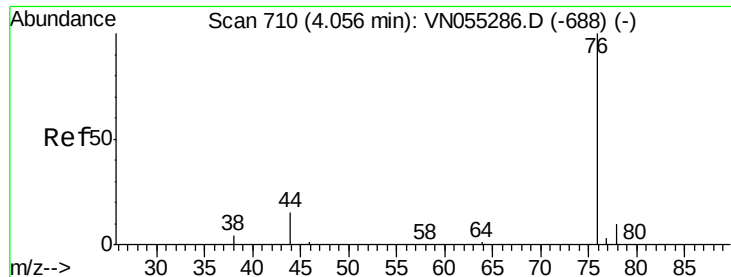
Tgt Ion: 43 Resp: 12558

Ion Ratio Lower Upper

43 100

58 26.5 23.6 35.4





#17

Carbon Disulfide

Concen: 0.385 ug/l

RT: 4.05 min Scan# 709

Delta R.T. -0.00 min

Lab File: VN055303.D

Acq: 30 Apr 2019 13:04

Instrument :

MSVOA_N

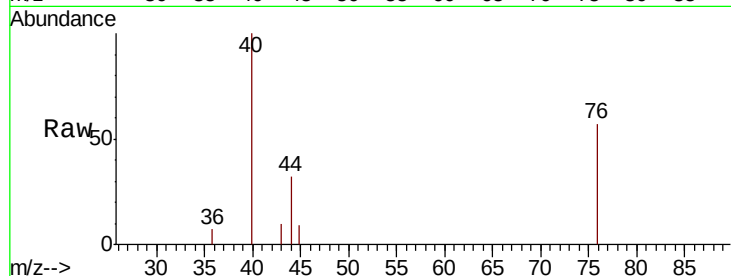
ClientSampleId :

Tot Ion: 76 Resp: 3638

Ion Ratio Lower Upper

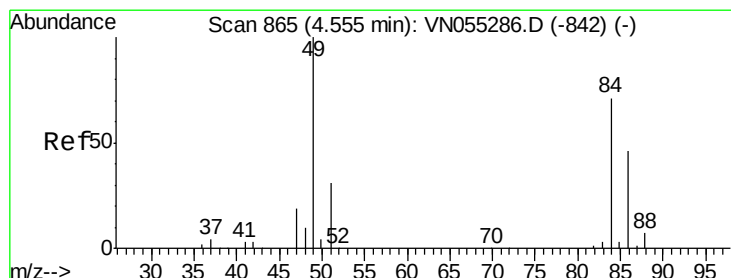
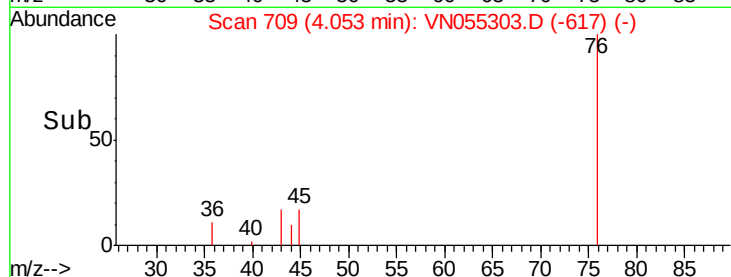
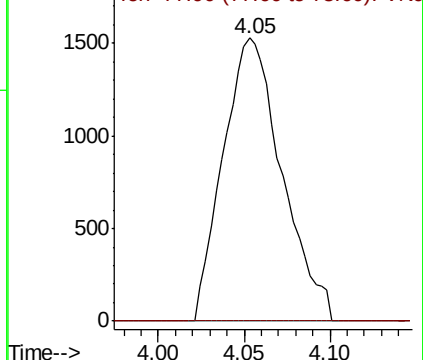
76 100

78 0.0 7.6 11.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#20

Methylene Chloride

Concen: 18.637 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN055303.D

Acq: 30 Apr 2019 13:04

Tgt Ion: 84 Resp: 84895

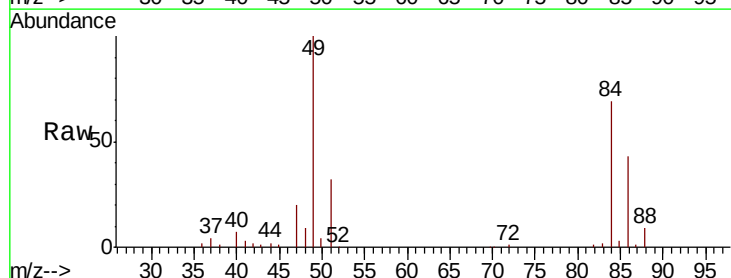
Ion Ratio Lower Upper

84 100

49 145.1 112.4 168.6

51 46.9 34.6 51.8

86 63.0 51.9 77.9

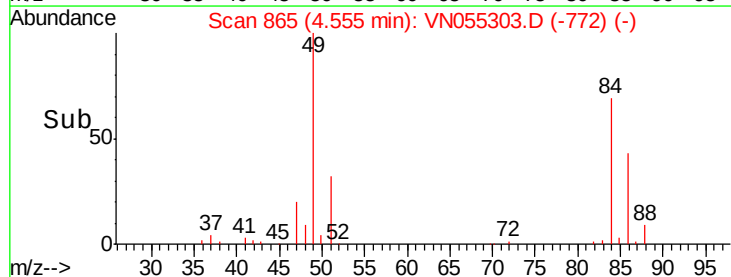
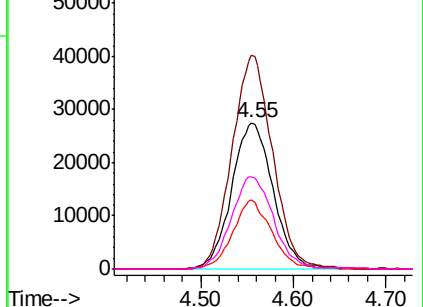


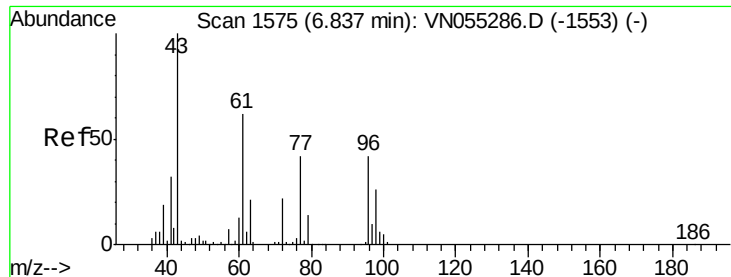
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0

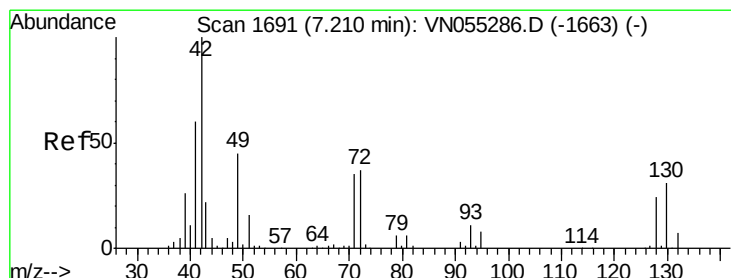
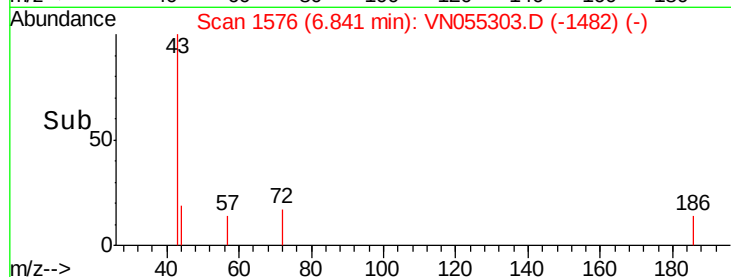
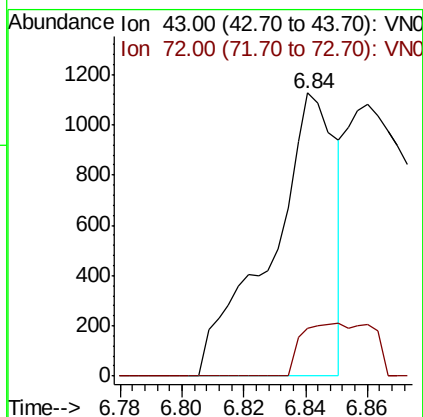
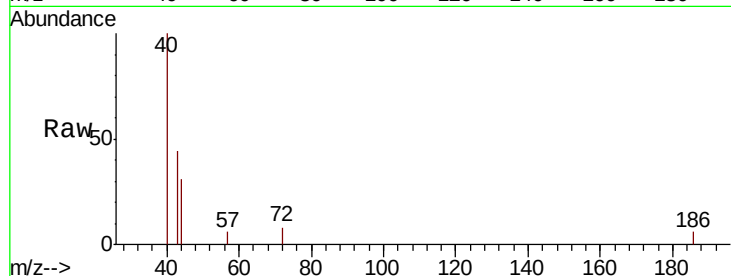




#25
2-Butanone
Concen: 0.860 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN055303.D
Acq: 30 Apr 2019 13:04

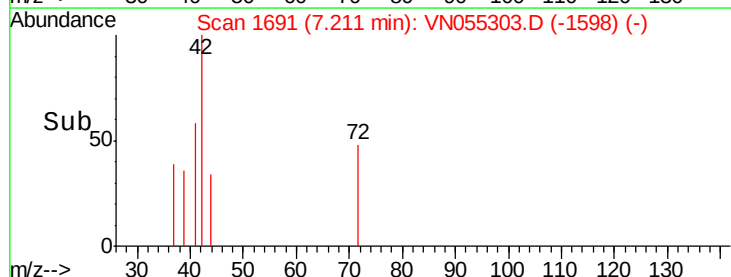
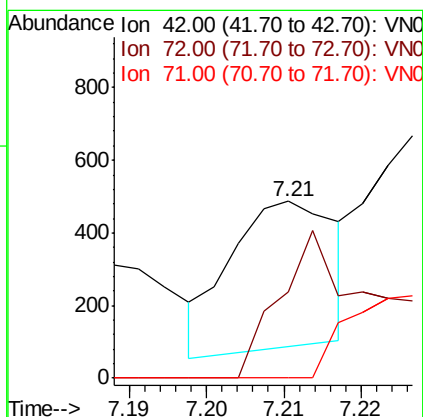
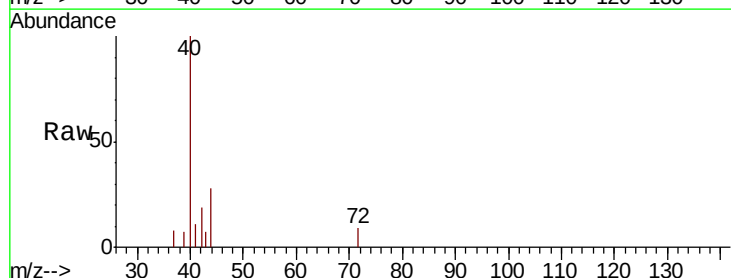
Instrument :
MSVOA_N
ClientSampled :

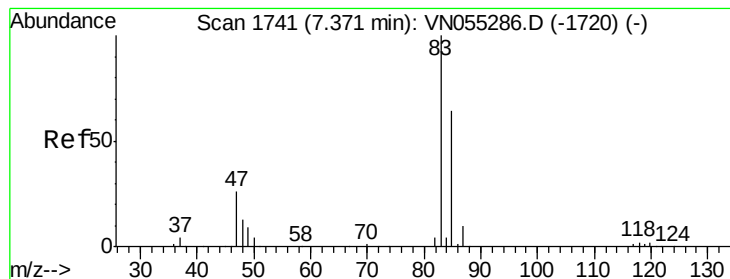
Tot Ion: 43 Resp: 1642
Ion Ratio Lower Upper
43 100
72 17.0 18.0 27.0#



#29
Tetrahydrofuran
Concen: 0.314 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN055303.D
Acq: 30 Apr 2019 13:04

Tgt Ion: 42 Resp: 384
Ion Ratio Lower Upper
42 100
72 86.7 29.0 43.6#
71 0.0 27.1 40.7#





#30

Chloroform

Concen: 0.646 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN055303.D

Acq: 30 Apr 2019 13:04

Instrument :

MSVOA_N

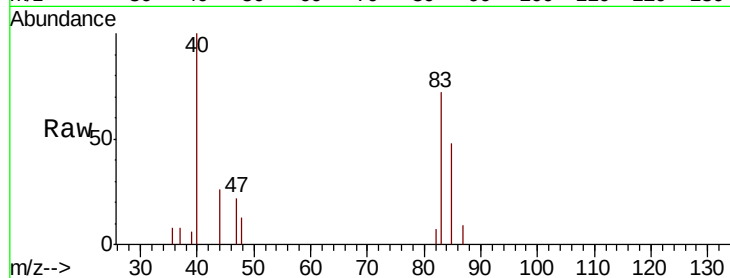
ClientSampleId :

Tot Ion: 83 Resp: 4854

Ion Ratio Lower Upper

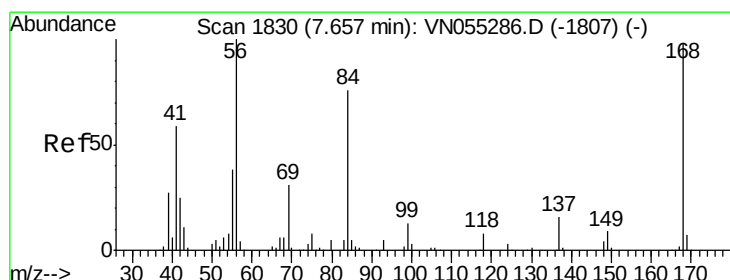
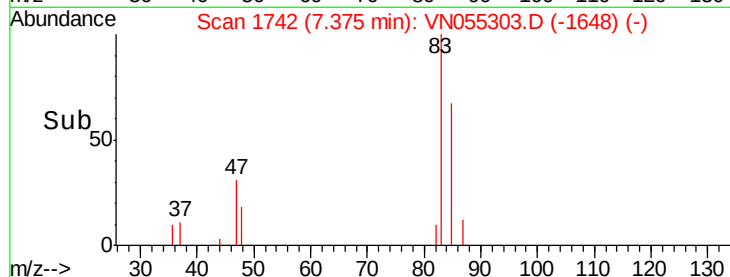
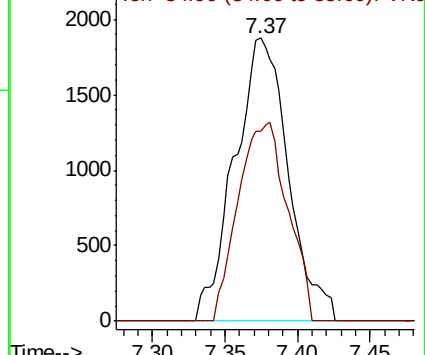
83 100

85 67.3 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0



#31

Cyclohexane

Concen: 1.107 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.01 min

Lab File: VN055303.D

Acq: 30 Apr 2019 13:04

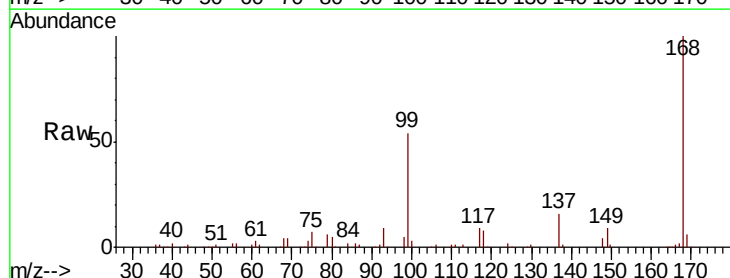
Tgt Ion: 56 Resp: 8338

Ion Ratio Lower Upper

56 100

69 148.8 25.2 37.8#

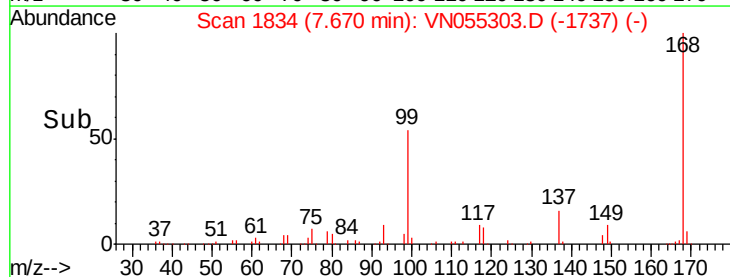
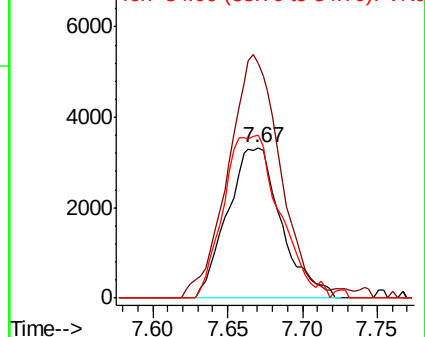
84 108.4 61.1 91.7#

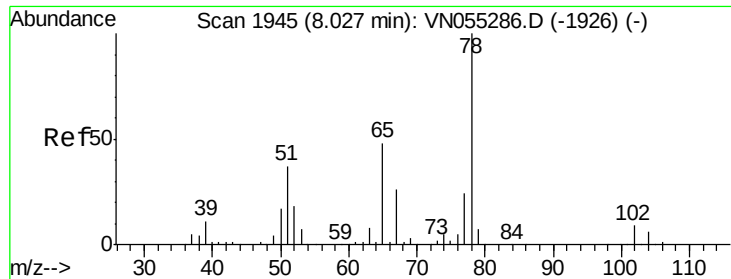


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

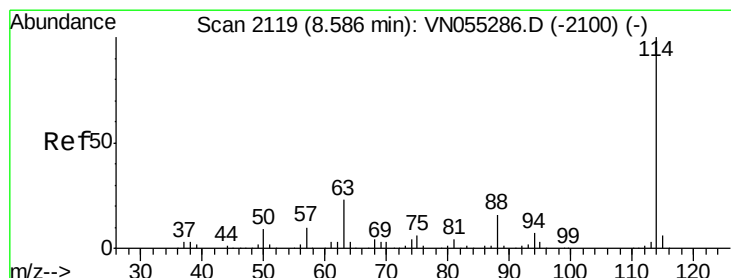
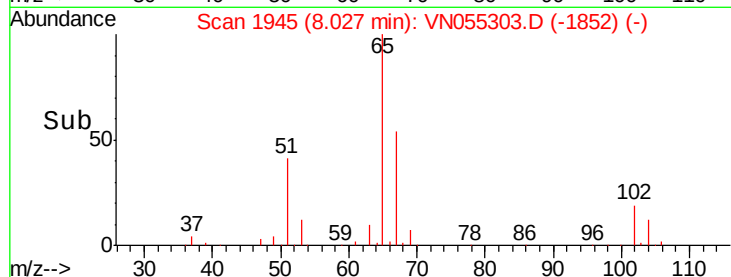
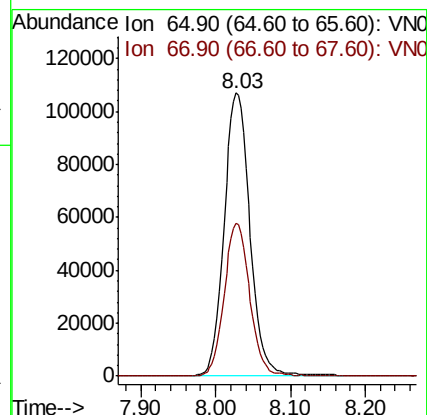
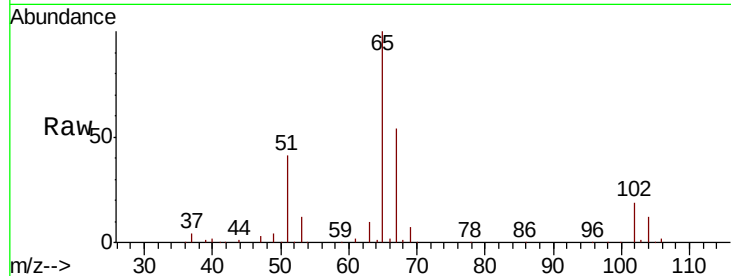




#33
 1,2-Dichloroethane-d4
 Concen: 53.405 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055303.D
 Acq: 30 Apr 2019 13:04

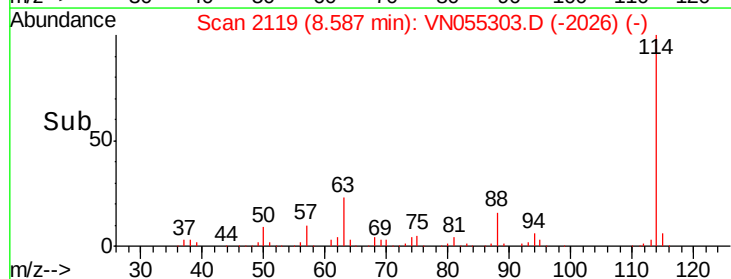
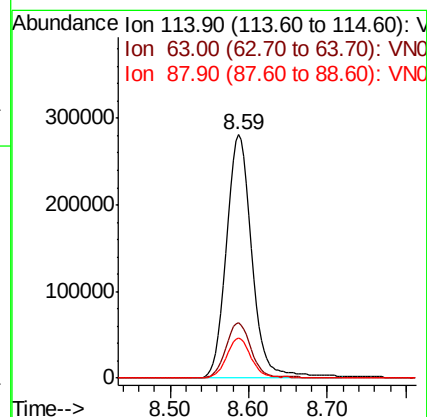
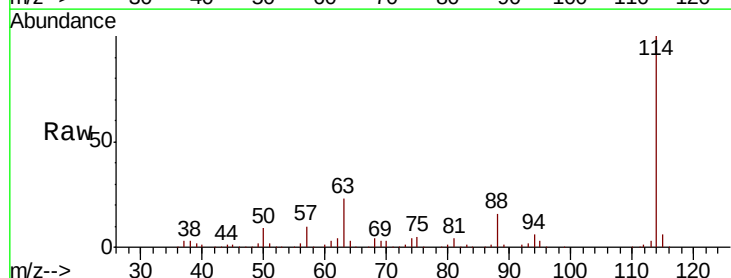
Instrument :
 MSVOA_N
 ClientSampleId :

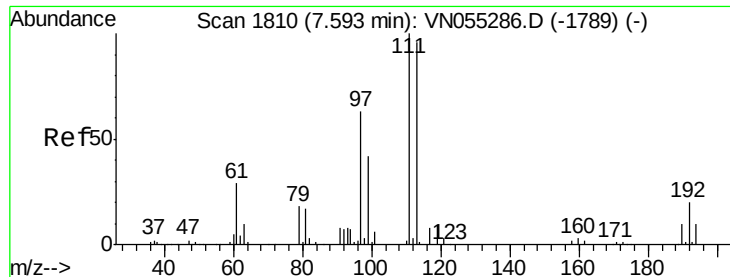
Tot Ion: 65 Resp: 255790
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055303.D
 Acq: 30 Apr 2019 13:04

Tgt Ion: 114 Resp: 630836
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 45.2
 88 16.4 0.0 31.6

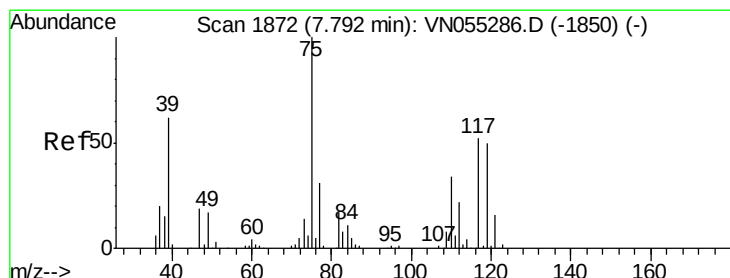
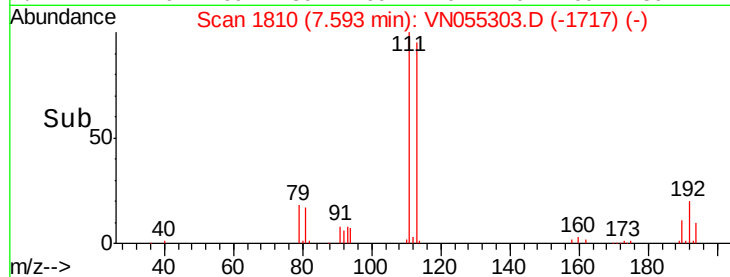
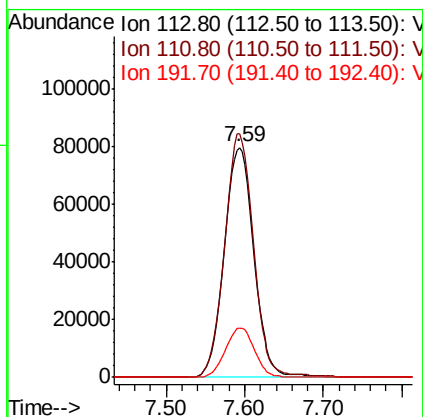
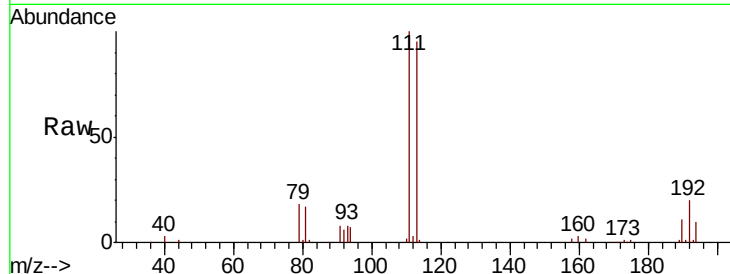




#35
 Dibromofluoromethane
 Concen: 50.109 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055303.D
 Acq: 30 Apr 2019 13:04

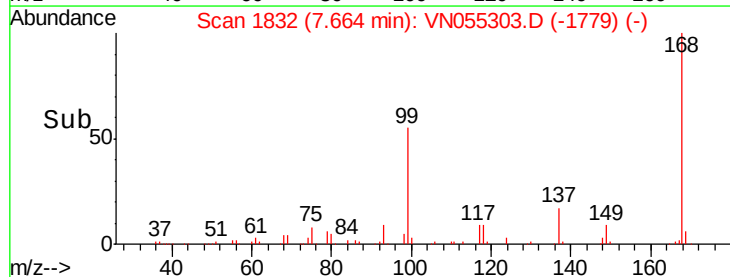
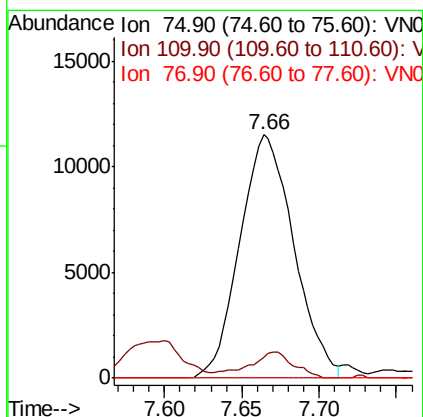
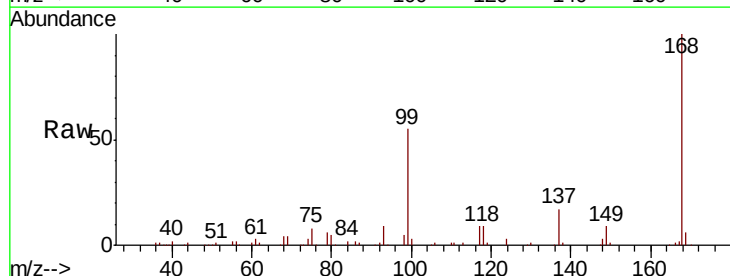
Instrument :
 MSVOA_N
 ClientSampleId :

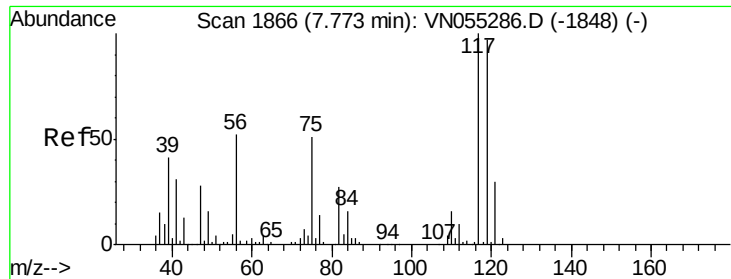
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.3	123.5
192	21.0	17.0	25.6



#36
 1,1-Dichloropropene
 Concen: 4.634 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055303.D
 Acq: 30 Apr 2019 13:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.0	16.8	50.4#
77	0.0	25.0	37.6#

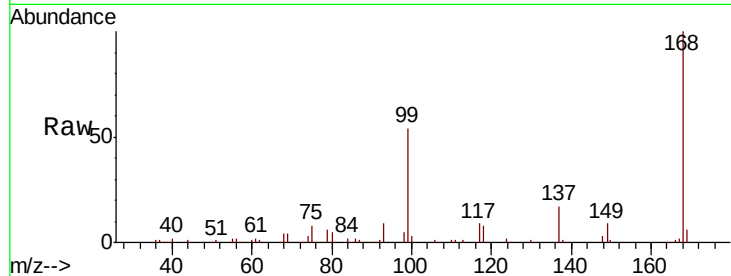




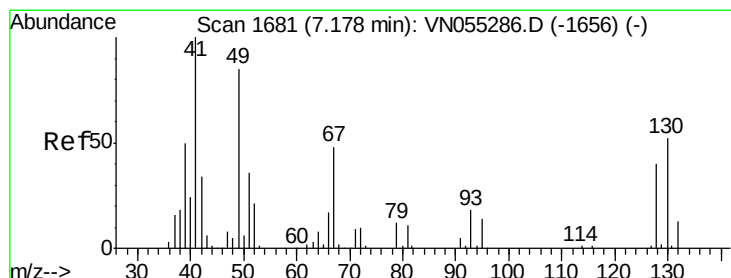
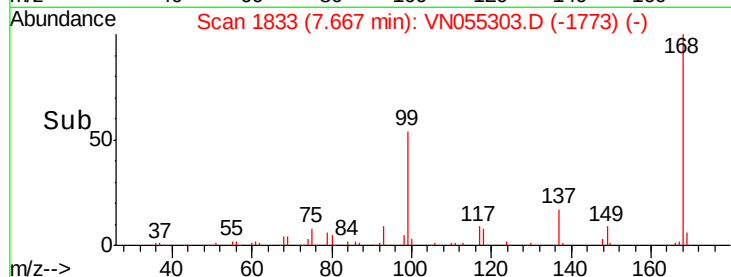
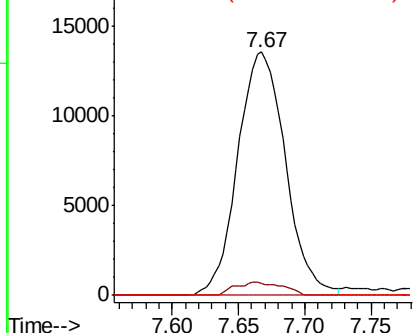
#38
Carbon Tetrachloride
Concen: 5.825 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN055303.D
Acq: 30 Apr 2019 13:04

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 33952
Ion Ratio Lower Upper
117 100
119 4.7 77.0 115.6#
121 0.0 23.8 35.8#

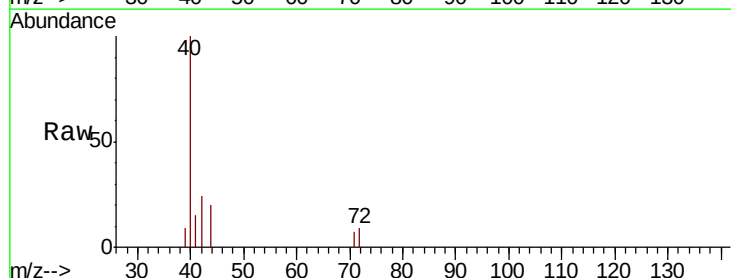


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

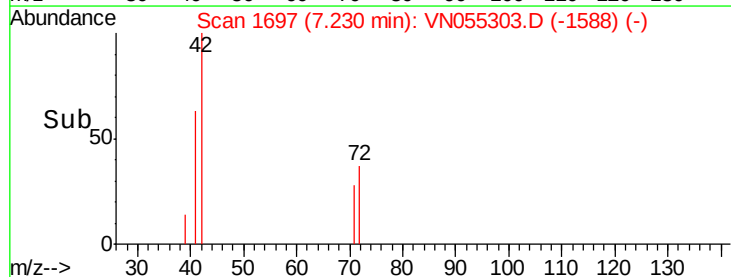
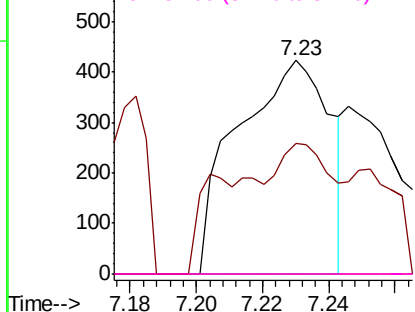


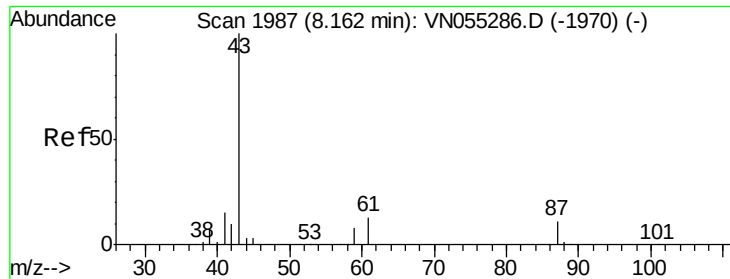
#41
Methacrylonitrile
Concen: 1.062 ug/l
RT: 7.23 min Scan# 1697
Delta R.T. 0.05 min
Lab File: VN055303.D
Acq: 30 Apr 2019 13:04

Tgt Ion: 41 Resp: 820
Ion Ratio Lower Upper
41 100
39 10.2 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: 2.048 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055303.D

Acq: 30 Apr 2019 13:04

Instrument :

MSVOA_N

ClientSampleId :

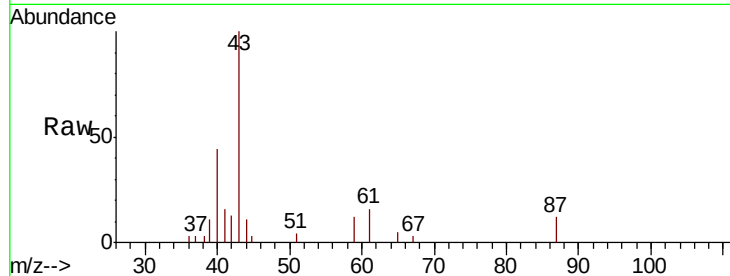
Tot Ion: 43 Resp: 15242

Ion Ratio Lower Upper

43 100

61 18.0 20.8 31.2#

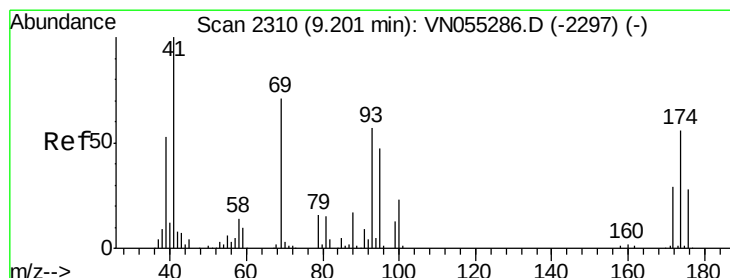
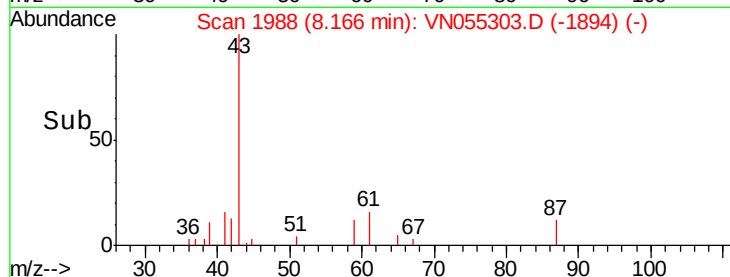
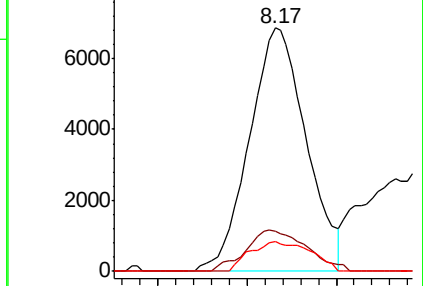
87 13.0 8.5 12.7#



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: 2.234 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN055303.D

Acq: 30 Apr 2019 13:04

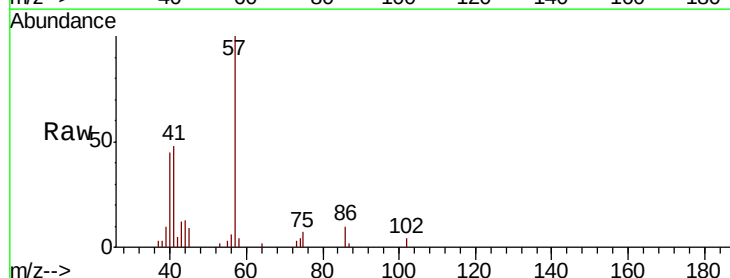
Tgt Ion: 41 Resp: 8175

Ion Ratio Lower Upper

41 100

69 0.0 58.6 87.8#

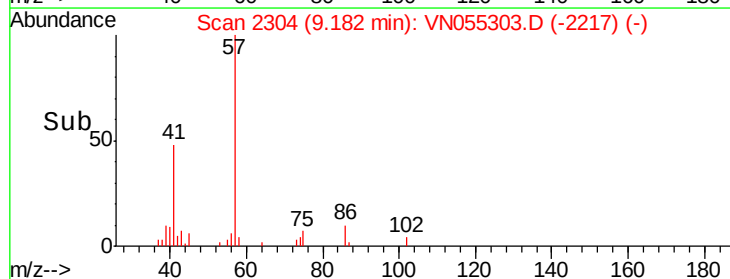
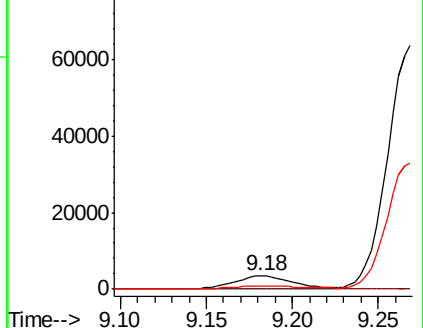
39 0.0 43.8 65.6#

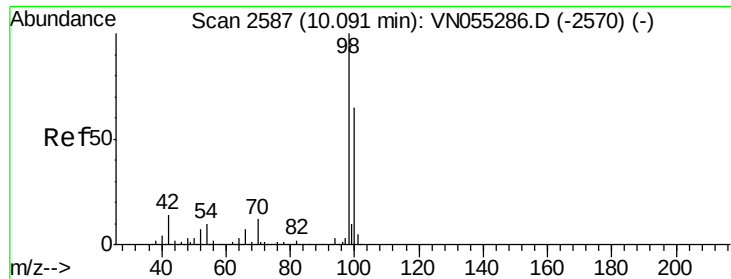


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

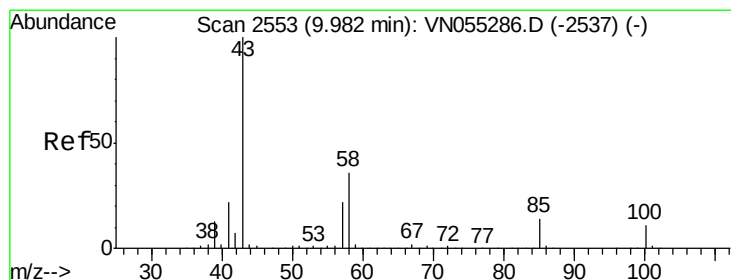
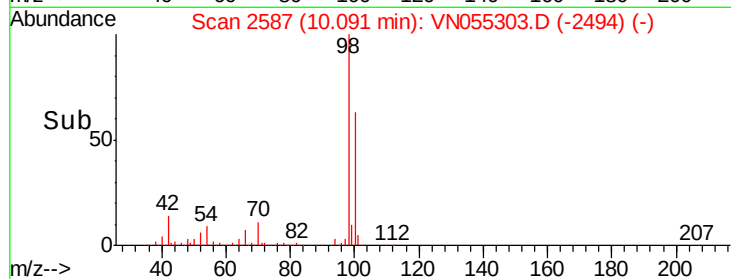
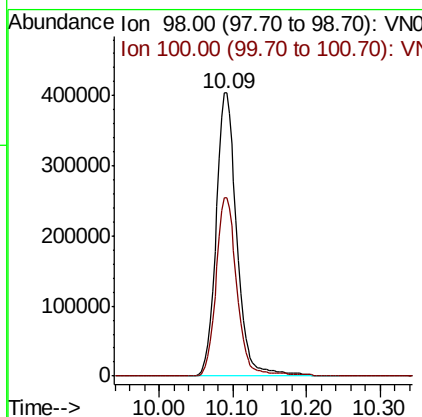
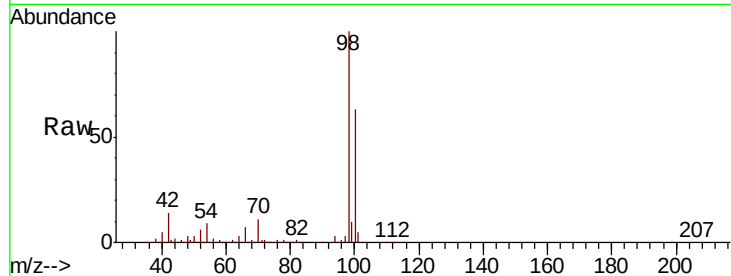




#50
Toluene-d8
Concen: 52.466 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055303.D
Acq: 30 Apr 2019 13:04

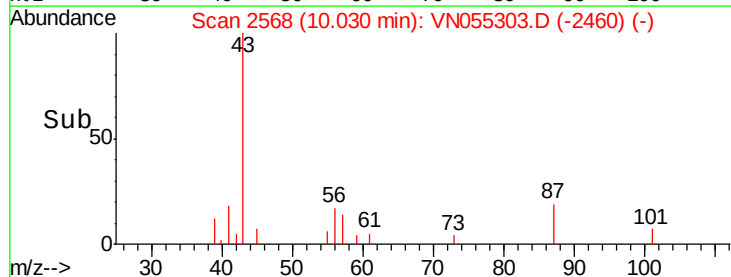
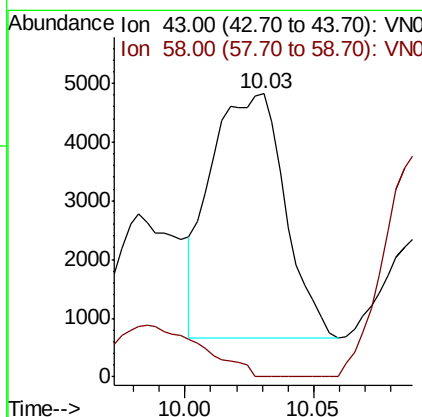
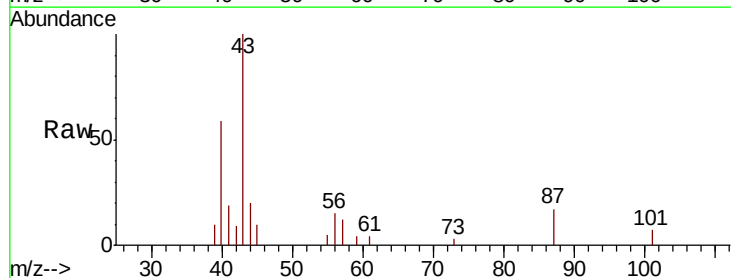
Instrument :
MSVOA_N
ClientSampleId :

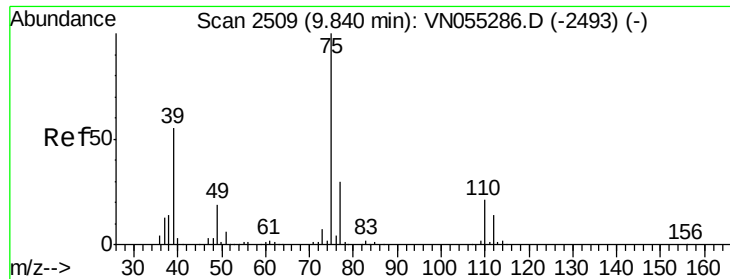
Tot Ion: 98 Resp: 784425
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 1.982 ug/l
RT: 10.03 min Scan# 2568
Delta R.T. 0.05 min
Lab File: VN055303.D
Acq: 30 Apr 2019 13:04

Tgt Ion: 43 Resp: 8306
Ion Ratio Lower Upper
43 100
58 0.0 28.5 42.7#





#54

cis-1,3-Dichloropropene

Concen: 7.963 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN055303.D

Acq: 30 Apr 2019 13:04

Instrument :

MSVOA_N

ClientSampleId :

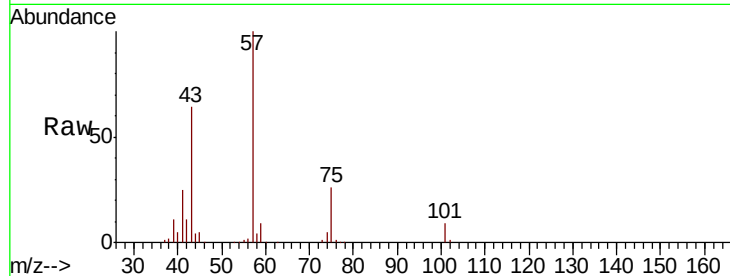
Tot Ion: 75 Resp: 51925

Ion Ratio Lower Upper

75 100

77 0.6 24.2 36.2#

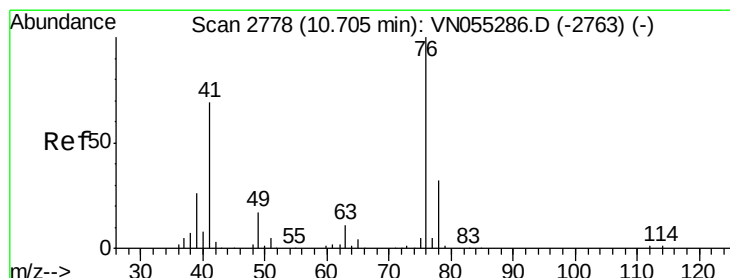
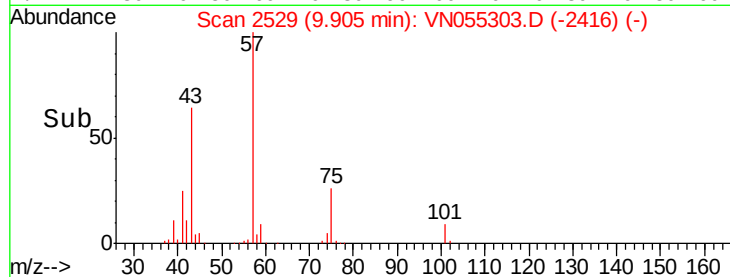
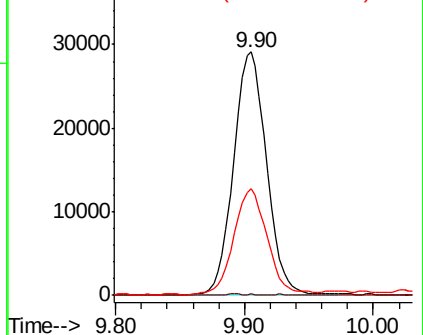
39 43.8 44.2 66.2#



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: 1.620 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN055303.D

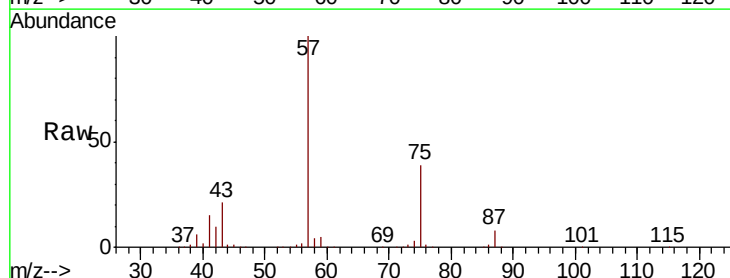
Acq: 30 Apr 2019 13:04

Tgt Ion: 76 Resp: 10785

Ion Ratio Lower Upper

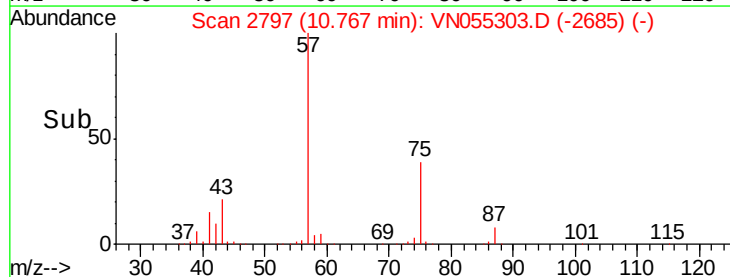
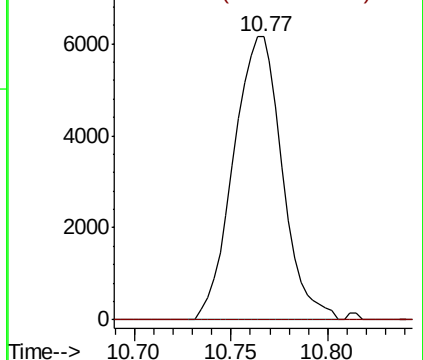
76 100

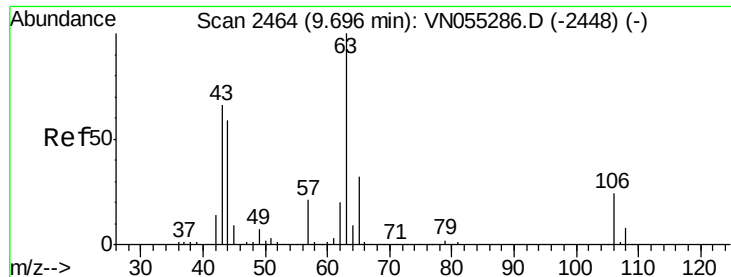
78 0.0 25.6 38.4#



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: 12.559 ug/l

RT: 9.91 min Scan# 2531

Delta R.T. 0.22 min

Lab File: VN055303.D

Acq: 30 Apr 2019 13:04

Instrument :

MSVOA_N

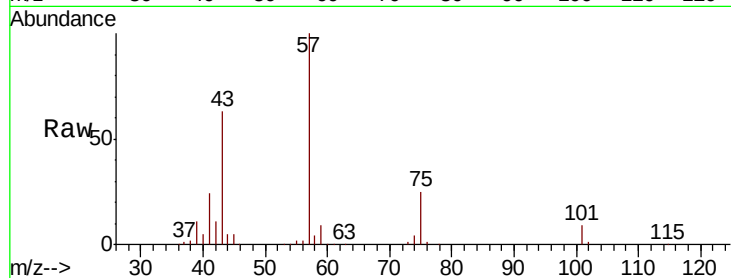
ClientSampleId :

Tot Ion: 63 Resp: 235

Ion Ratio Lower Upper

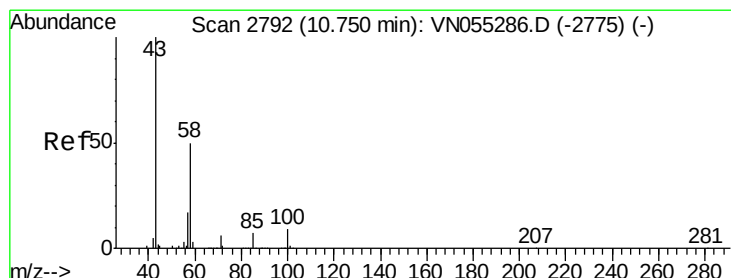
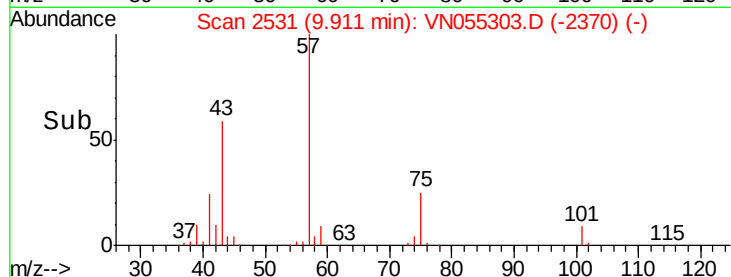
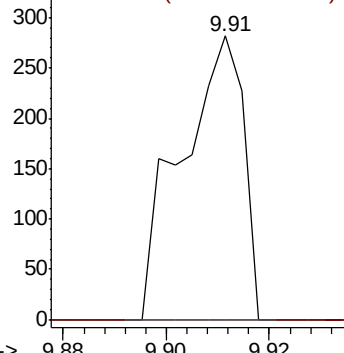
63 100

106 0.0 19.0 28.4#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): VN0



#59

2-Hexanone

Concen: 64.642 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN055303.D

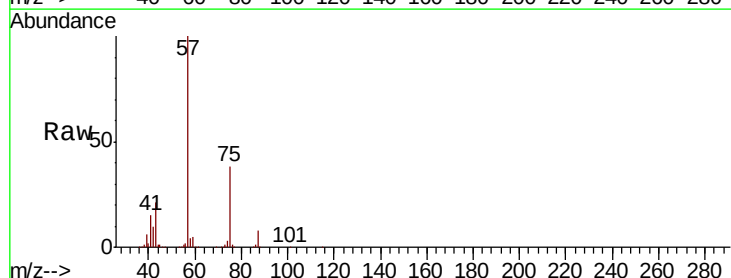
Acq: 30 Apr 2019 13:04

Tgt Ion: 43 Resp: 169472

Ion Ratio Lower Upper

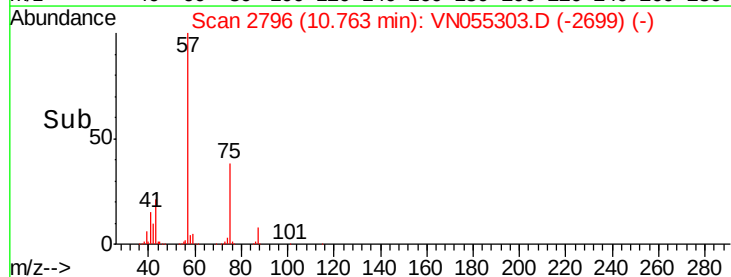
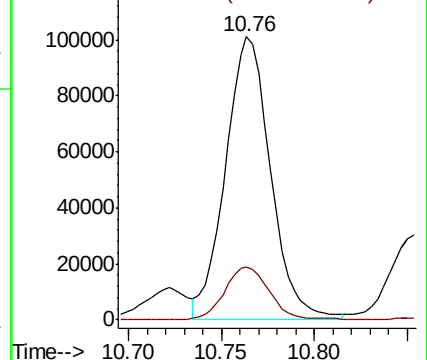
43 100

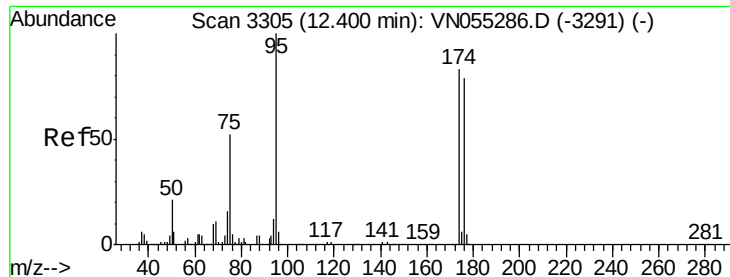
58 19.0 24.9 74.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

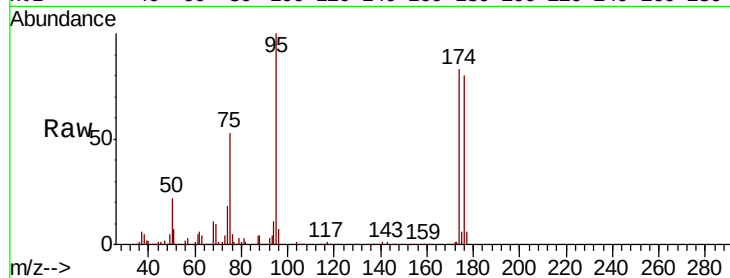




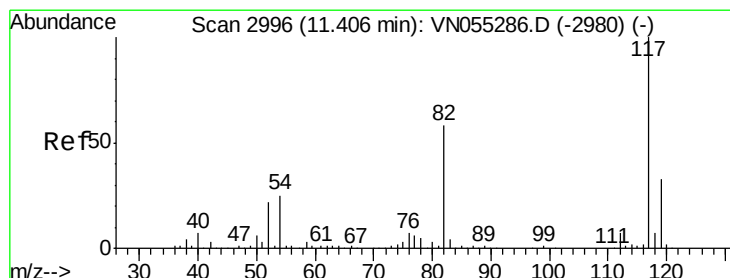
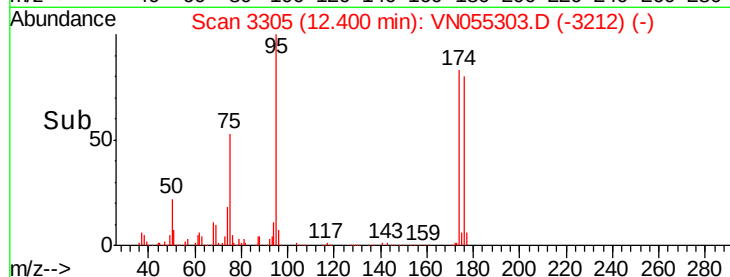
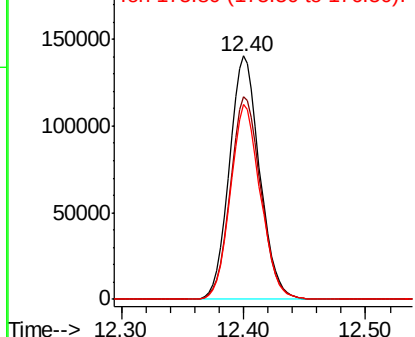
#62
4-Bromofluorobenzene
Concen: 52.006 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055303.D
Acq: 30 Apr 2019 13:04

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
95	100		
174	83.8	0.0	166.6
176	79.2	0.0	157.8

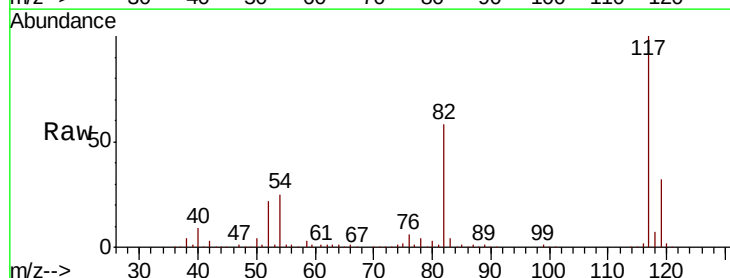


Abundance Ion 94.90 (94.60 to 95.60): VN055286.D (-3291) (-)
Ion 173.80 (173.50 to 174.50): VN055286.D (-3291) (-)
Ion 175.80 (175.50 to 176.50): VN055286.D (-3291) (-)

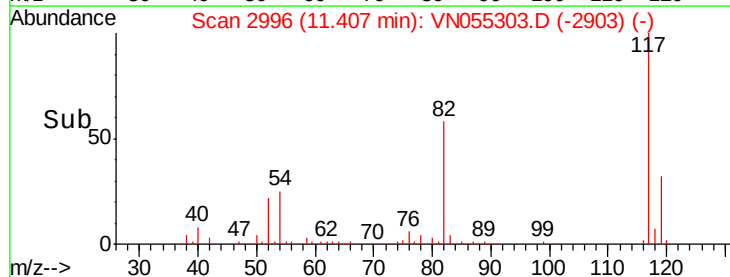
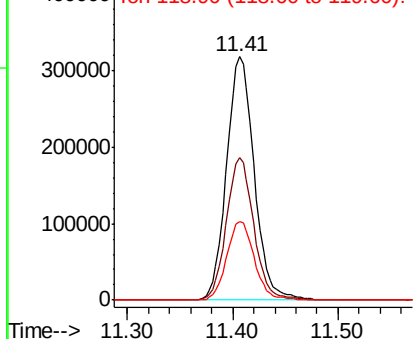


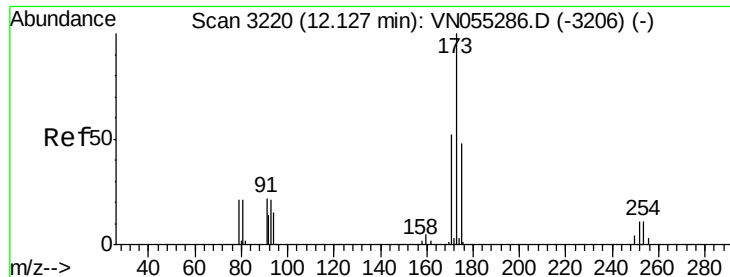
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055303.D
Acq: 30 Apr 2019 13:04

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.4	46.2	69.4
119	32.3	26.6	40.0



Abundance Ion 116.90 (116.60 to 117.60): VN055286.D (-2980) (-)
Ion 82.00 (81.70 to 82.70): VN055286.D (-2980) (-)
Ion 118.90 (118.60 to 119.60): VN055286.D (-2980) (-)





#71

Bromoform

Concen: 1.012 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN055303.D

Acq: 30 Apr 2019 13:04

Instrument :

MSVOA_N

ClientSampled :

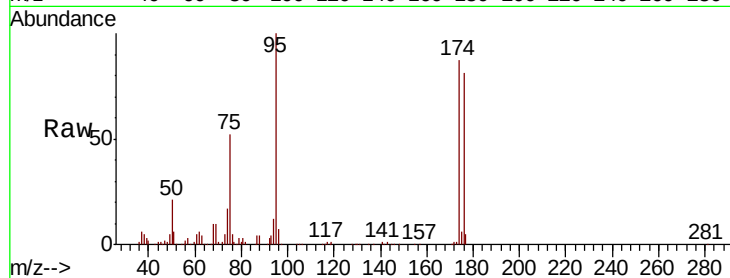
Tot Ion:173 Resp: 2483

Ion Ratio Lower Upper

173 100

175 530.0 23.6 71.0#

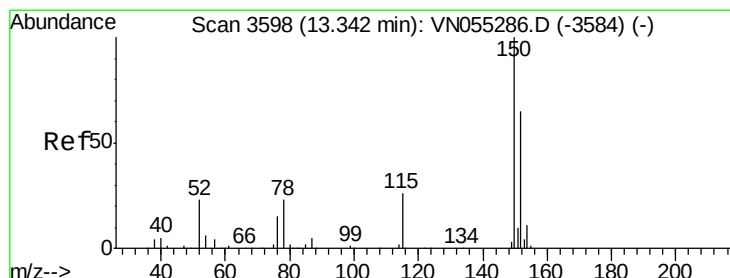
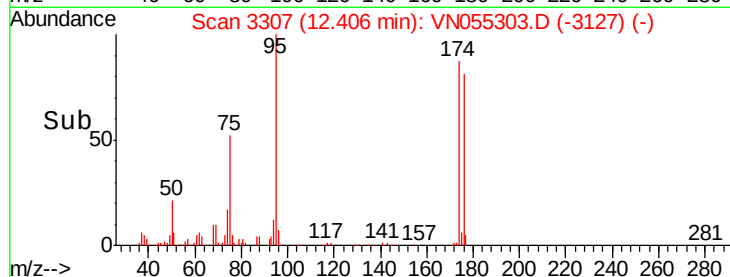
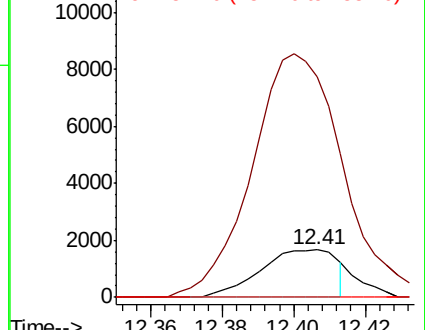
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055303.D

Acq: 30 Apr 2019 13:04

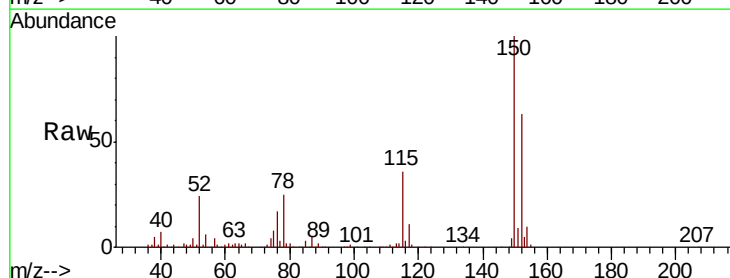
Tgt Ion:152 Resp: 165611

Ion Ratio Lower Upper

152 100

115 56.7 29.0 87.0

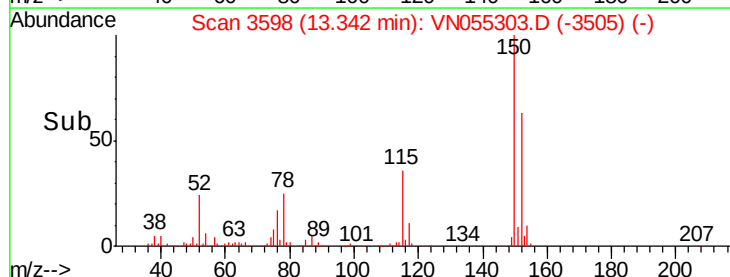
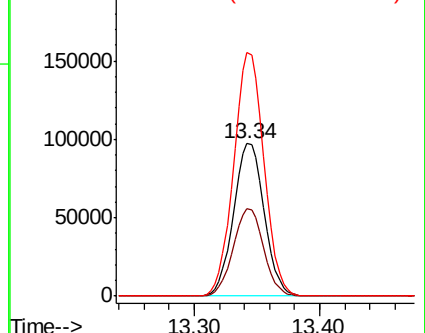
150 157.0 0.0 345.6

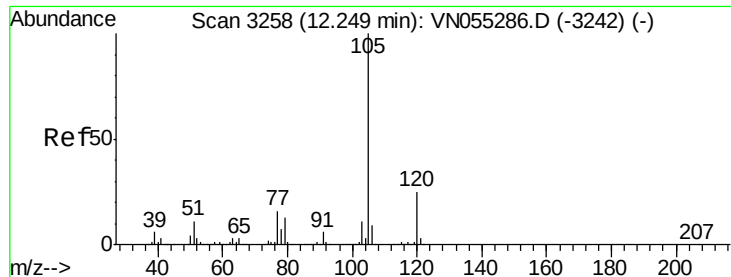


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055303.D

Acq: 30 Apr 2019 13:04

Instrument :

MSVOA_N

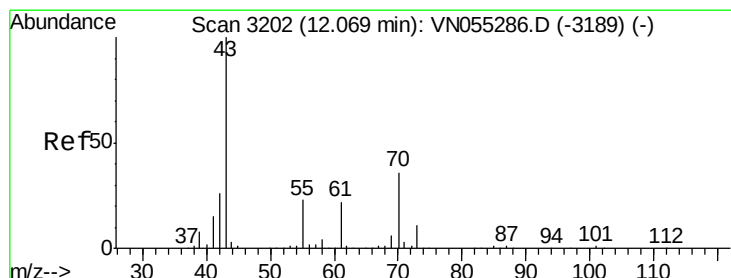
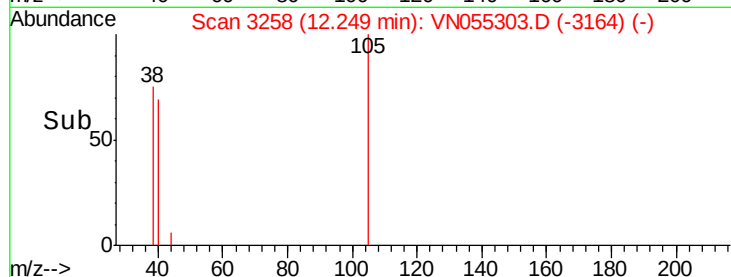
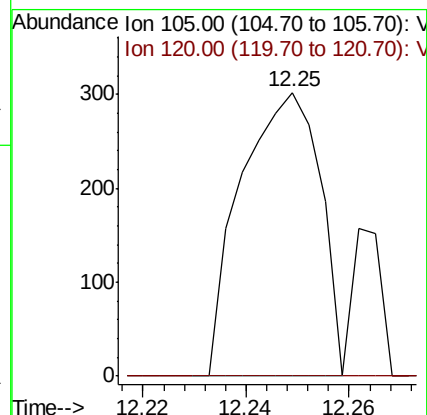
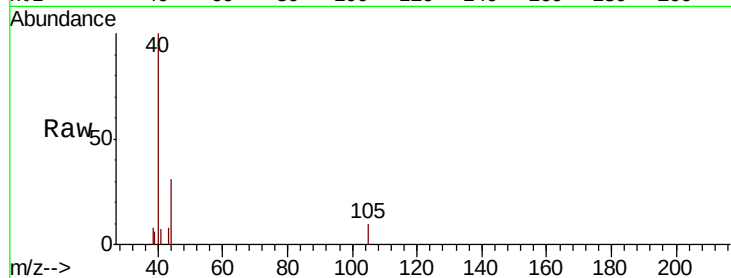
ClientSampleId :

Tot Ion:105 Resp: 321

Ion Ratio Lower Upper

105 100

120 0.0 12.9 38.7#



#74

N-ethyl acetate

Concen: 3.800 ug/l

RT: 11.88 min Scan# 3143

Delta R.T. -0.19 min

Lab File: VN055303.D

Acq: 30 Apr 2019 13:04

Tgt Ion: 43 Resp: 16149

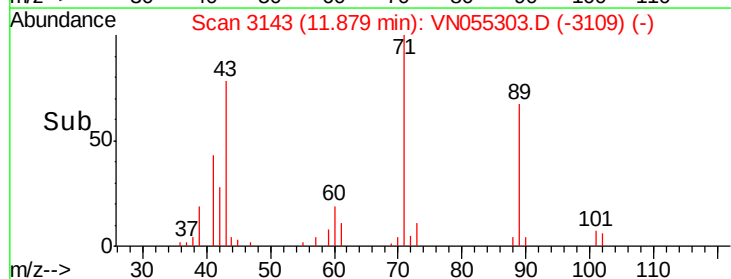
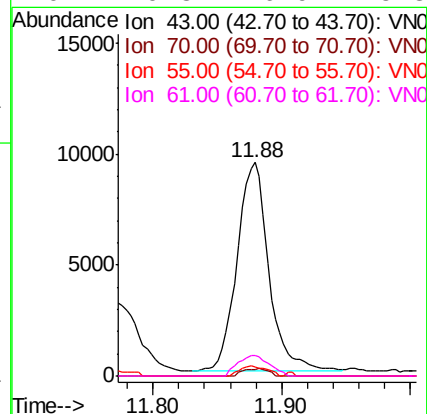
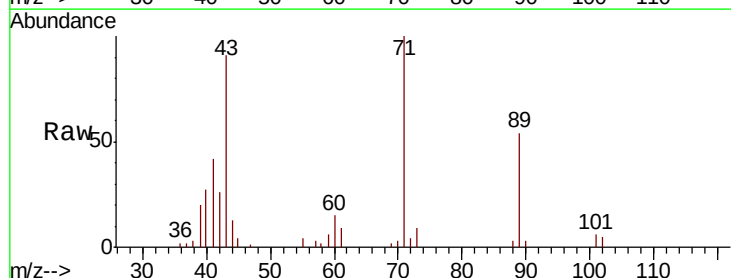
Ion Ratio Lower Upper

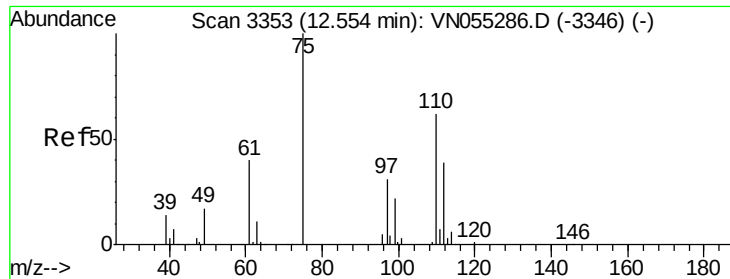
43 100

70 2.7 27.9 41.9#

55 4.0 18.2 27.2#

61 9.8 16.9 25.3#

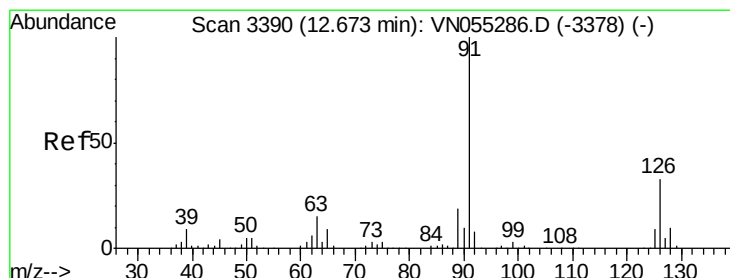
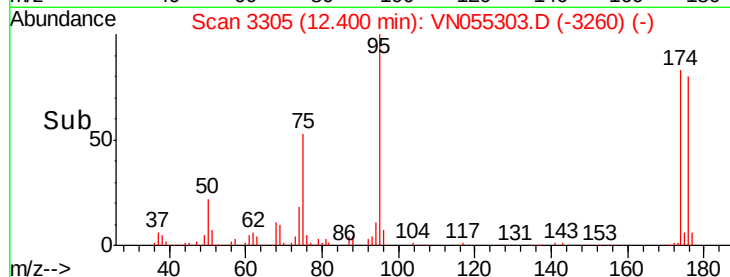
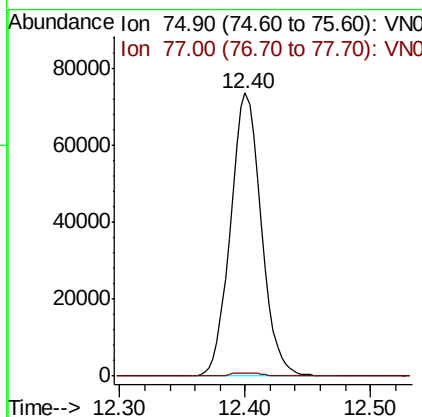
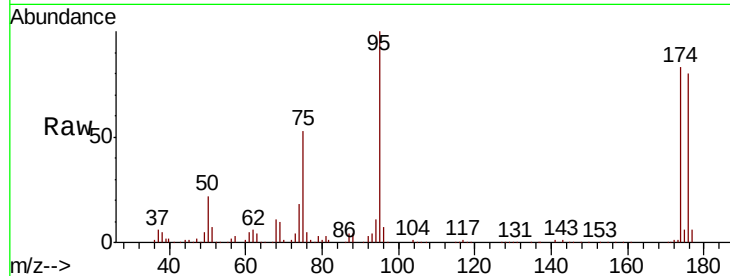




#76
 1,2,3-Trichloropropane
 Concen: 40.335 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN055303.D
 Acq: 30 Apr 2019 13:04

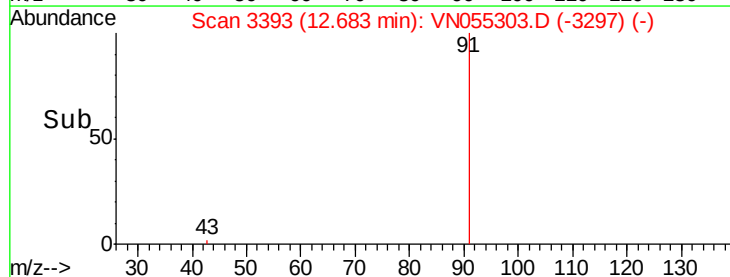
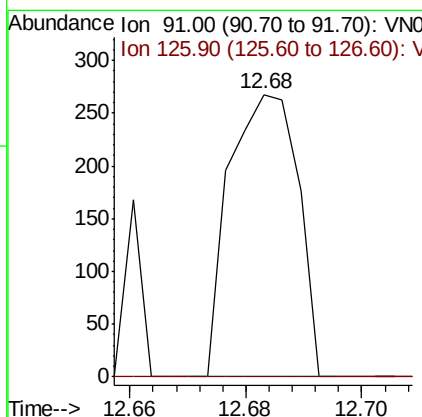
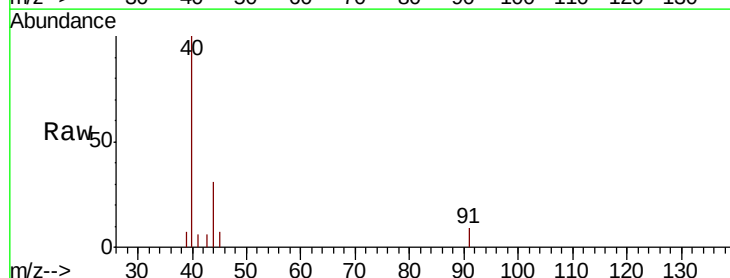
Instrument :
 MSVOA_N
 ClientSampled :

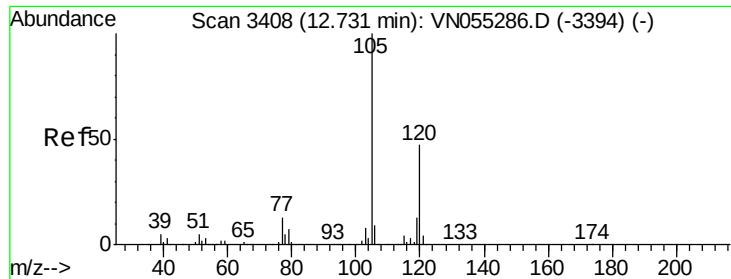
Tot Ion: 75 Resp: 125660
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.68 min Scan# 3393
 Delta R.T. 0.01 min
 Lab File: VN055303.D
 Acq: 30 Apr 2019 13:04

Tgt Ion: 91 Resp: 219
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.6 49.7#

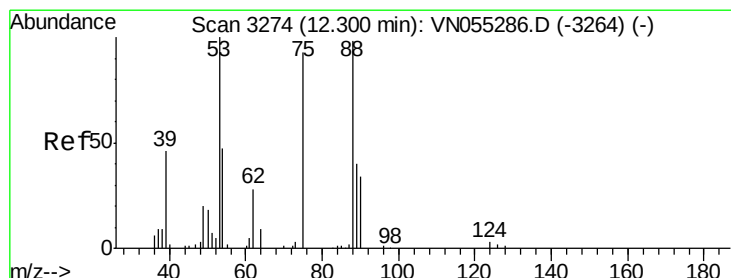
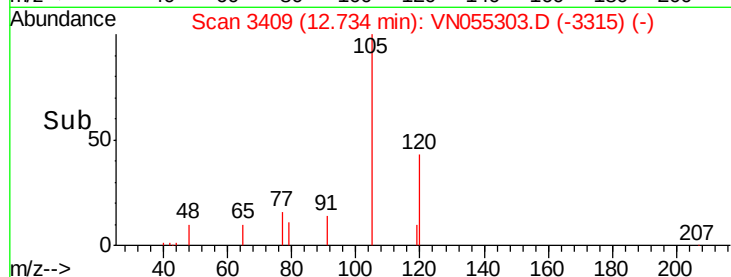
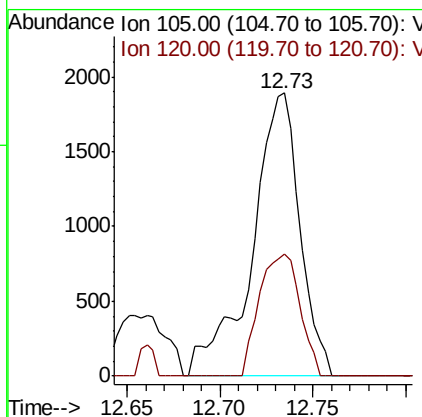
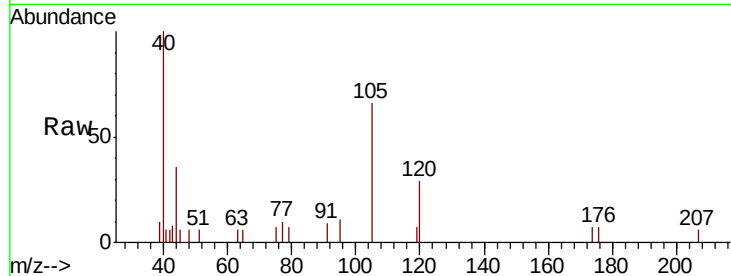




#80
 1,3,5-Trimethylbenzene
 Concen: 0.261 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN055303.D
 Acq: 30 Apr 2019 13:04

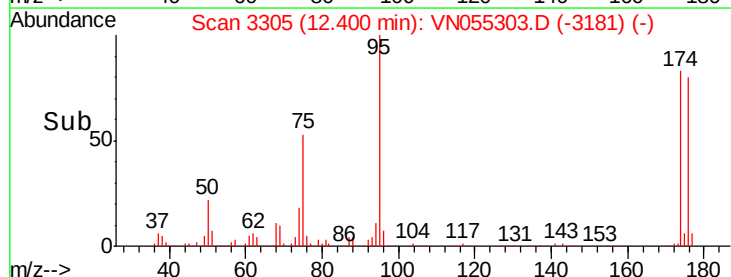
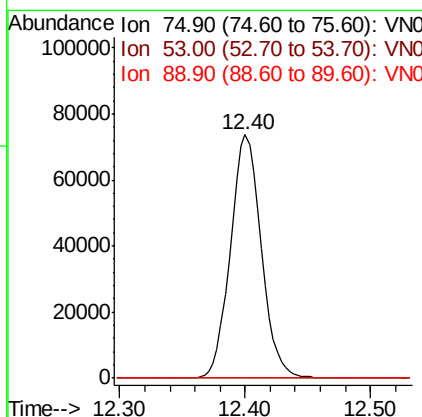
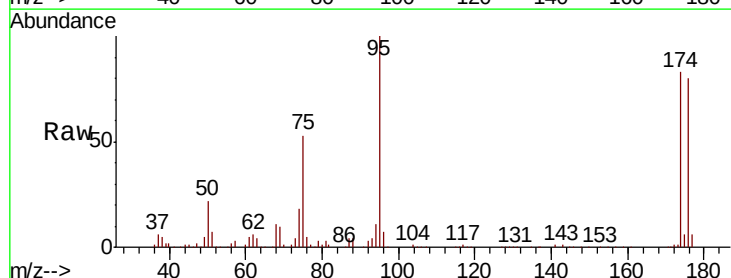
Instrument :
 MSVOA_N
 ClientSampled :

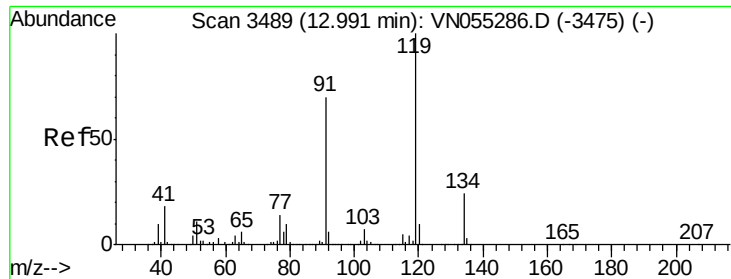
Tot Ion:105 Resp: 3392
 Ion Ratio Lower Upper
 105 100
 120 36.5 23.4 70.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 143.791 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN055303.D
 Acq: 30 Apr 2019 13:04

Tgt Ion: 75 Resp: 125660
 Ion Ratio Lower Upper
 75 100
 53 0.1 86.3 129.5#
 89 0.0 34.6 51.8#

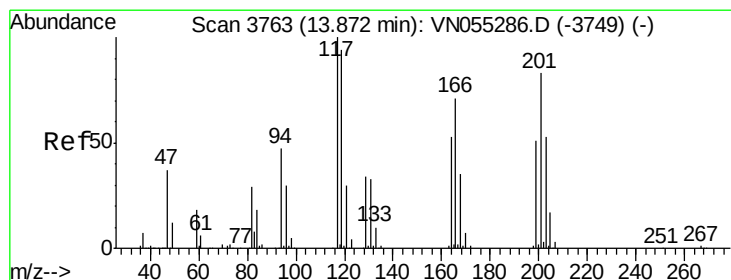
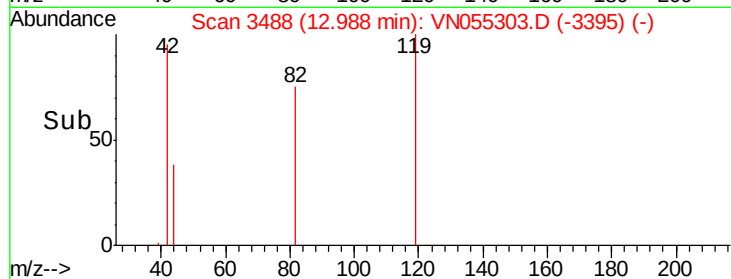
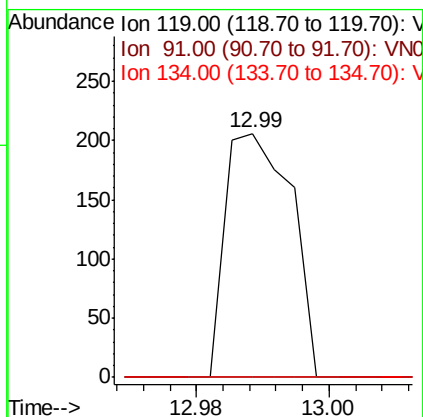
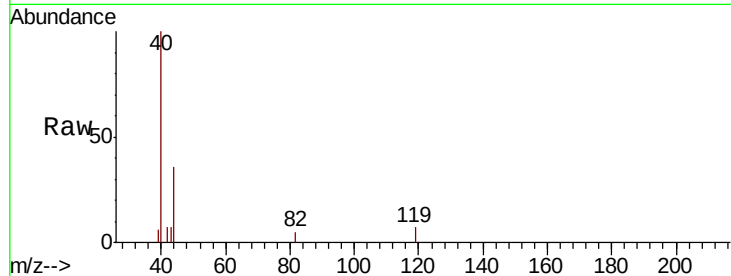




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN055303.D
 Acq: 30 Apr 2019 13:04

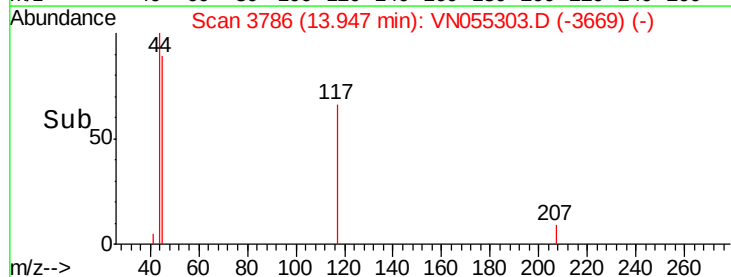
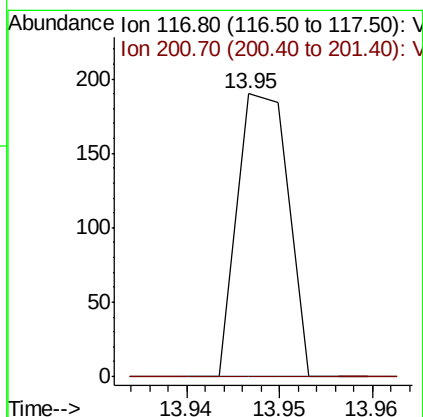
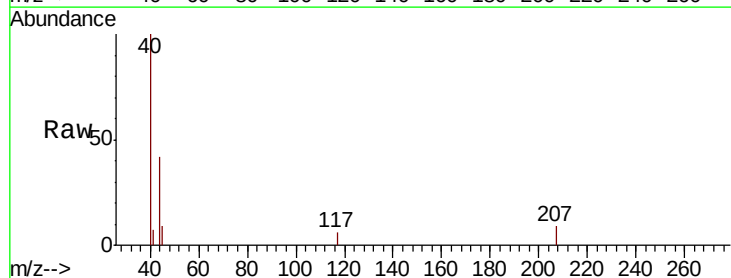
Instrument :
 MSVOA_N
 ClientSampled :

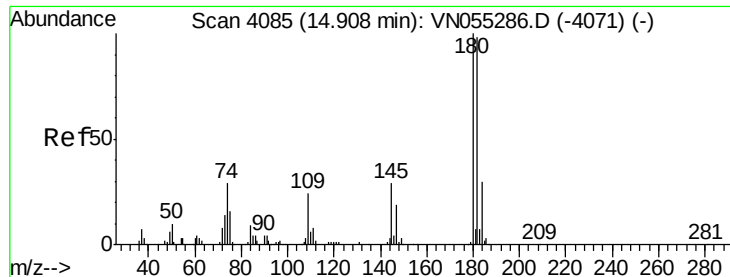
Tot Ion:119 Resp: 143
 Ion Ratio Lower Upper
 119 100
 91 0.0 34.3 102.9#
 134 0.0 13.1 39.3#



#90
 Hexachloroethane
 Concen: Below Cal
 RT: 13.95 min Scan# 3786
 Delta R.T. 0.07 min
 Lab File: VN055303.D
 Acq: 30 Apr 2019 13:04

Tgt Ion:117 Resp: 72
 Ion Ratio Lower Upper
 117 100
 201 0.0 41.9 125.8#





#93

1,2,4-Trichlorobenzene

Concen: 3.388 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. -0.00 min

Lab File: VN055303.D

Acq: 30 Apr 2019 13:04

Instrument :

MSVOA_N

ClientSampled :

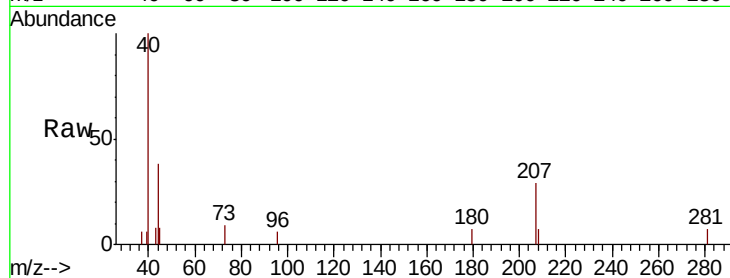
Tot Ion:180 Resp: 180

Ion Ratio Lower Upper

180 100

182 89.4 48.3 144.9

145 17.8 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

300

200

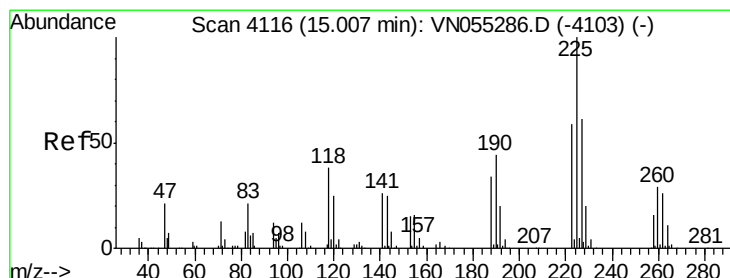
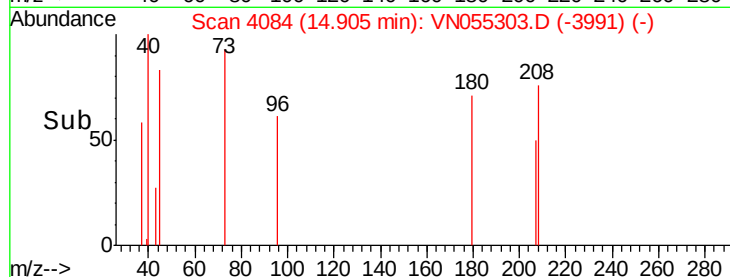
100

0

14.90

14.92

Time-->



#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN055303.D

Acq: 30 Apr 2019 13:04

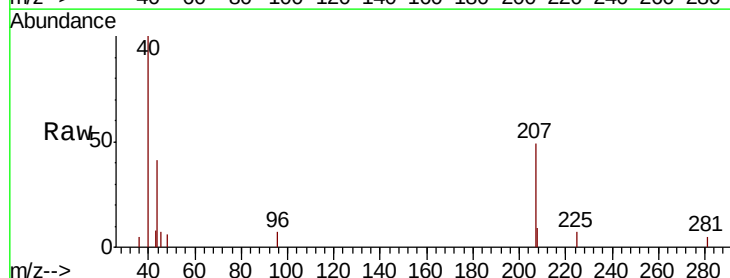
Tgt Ion:225 Resp: 109

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

250

200

150

100

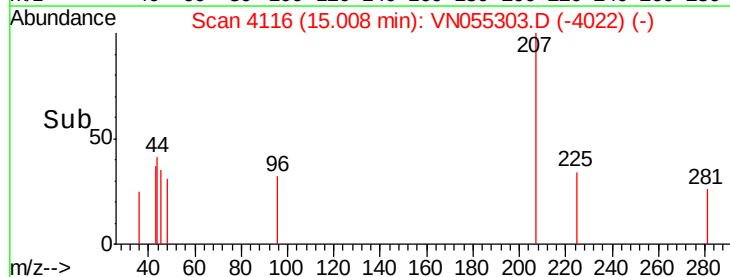
50

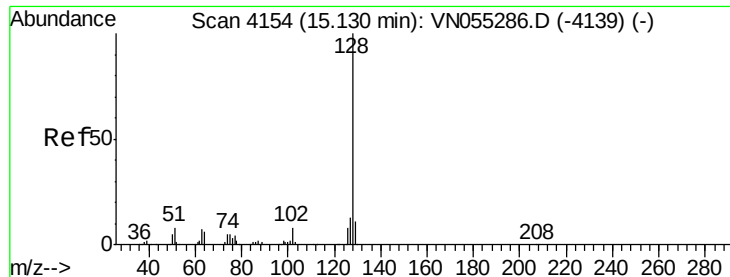
0

15.01

15.02

Time-->





#95

Naphthalene

Concen: 3.785 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN055303.D

Acq: 30 Apr 2019 13:04

Instrument :

MSVOA_N

ClientSampleId :

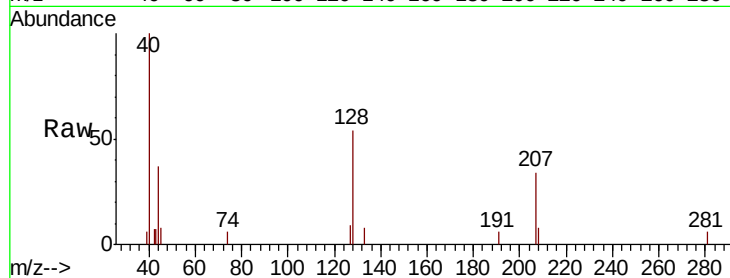
Tot Ion:128 Resp: 2252

Ion Ratio Lower Upper

128 100

127 9.3 10.7 16.1#

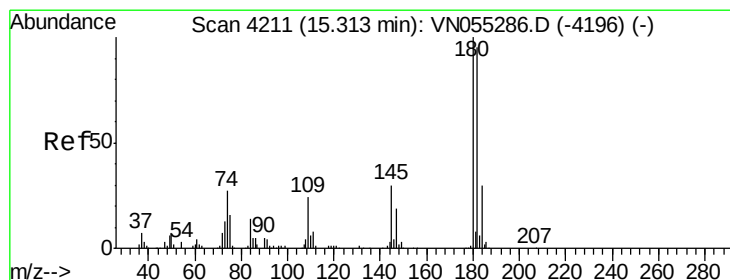
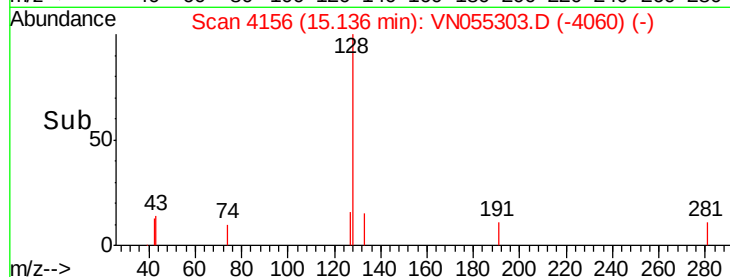
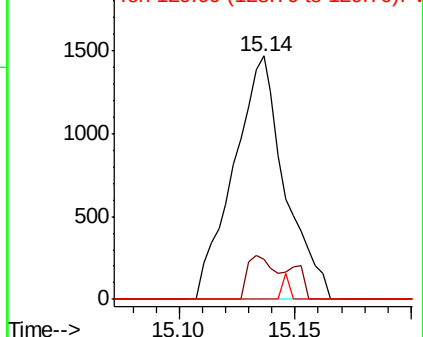
129 1.4 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 2.641 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055303.D

Acq: 30 Apr 2019 13:04

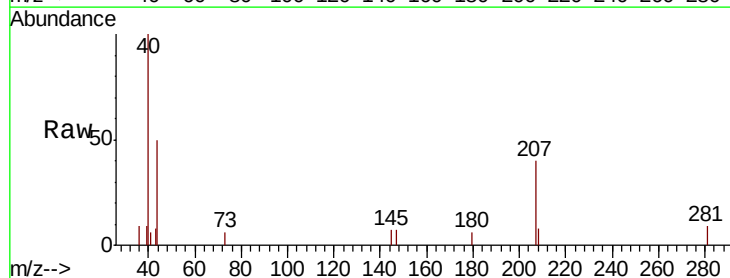
Tgt Ion:180 Resp: 64

Ion Ratio Lower Upper

180 100

182 0.0 48.3 144.9#

145 107.8 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

