

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050219\
 Data File : VN055343.D
 Acq On : 2 May 2019 12:03
 Operator : JC/SP
 Sample : K2652-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-1-4

Quant Time: May 03 01:52:00 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	316470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	557965	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	514415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	151441	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	230977	55.79	ug/l	0.00
Spiked Amount			Recovery	=	111.58%	
35) Dibromofluoromethane	7.59	113	182245	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	
50) Toluene-d8	10.09	98	695793	52.62	ug/l	0.00
Spiked Amount			Recovery	=	105.24%	
62) 4-Bromofluorobenzene	12.40	95	217493	52.62	ug/l	0.00
Spiked Amount			Recovery	=	105.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.80	59	390	1.645	ug/l #	73
13) Acrolein	3.71	56	70	0.378	ug/l #	14
16) Acetone	3.82	43	12623	9.785	ug/l #	87
17) Carbon Disulfide	4.06	76	2248	0.276	ug/l #	74
18) Methyl Acetate	4.34	43	5016	0.572	ug/l #	66
20) Methylene Chloride	4.55	84	20034	5.088	ug/l	92
25) 2-Butanone	6.85	43	4565	2.767	ug/l #	88
29) Tetrahydrofuran	7.21	42	510	0.483	ug/l #	79
30) Chloroform	7.37	83	2418	0.372	ug/l #	72
31) Cyclohexane	7.67	56	6870	1.055	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	24922	4.663	ug/l #	50
38) Carbon Tetrachloride	7.66	117	30797	5.974	ug/l #	17
41) Methacrylonitrile	7.19	41	136	0.800	ug/l #	1
43) Isopropyl Acetate	8.18	43	15131	2.299	ug/l #	88
45) 1,2-Dichloropropane	9.27	63	1244	0.274	ug/l #	45
48) Methyl methacrylate	9.18	41	6544	2.022	ug/l #	18
51) 4-Methyl-2-Pentanone	10.02	43	8429	2.274	ug/l #	39
54) cis-1,3-Dichloropropene	9.90	75	44067	7.641	ug/l #	70
57) 1,3-Dichloropropane	10.76	76	8465	1.437	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.90	63	175	12.535	ug/l #	52
59) 2-Hexanone	10.76	43	152177	65.626	ug/l #	55
71) Bromoform	12.39	173	698	0.319	ug/l #	29
73) Isopropylbenzene	12.25	105	98	Below Cal	#	49
75) 1,1,2,2-Tetrachloroethane	12.40	83	63	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	113744	39.899	ug/l #	100
77) Bromobenzene	12.53	156	29	Below Cal	#	1
79) 2-Chlorotoluene	12.67	91	79	Below Cal	#	42
80) 1,3,5-Trimethylbenzene	12.73	105	4163	0.351	ug/l	91
81) trans-1,4-Dichloro-2-buten	12.40	75	113744	142.334	ug/l #	7
83) tert-Butylbenzene	13.05	119	791	Below Cal	#	82
84) 1,2,4-Trimethylbenzene	13.04	105	5701	0.537	ug/l	91
90) Hexachloroethane	13.90	117	72	Below Cal	#	7
95) Naphthalene	15.13	128	4475	4.321	ug/l #	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050219\
Data File : VN055343.D
Acq On : 2 May 2019 12:03
Operator : JC/SP
Sample : K2652-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DRUM-1-4

Quant Time: May 03 01:52:00 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

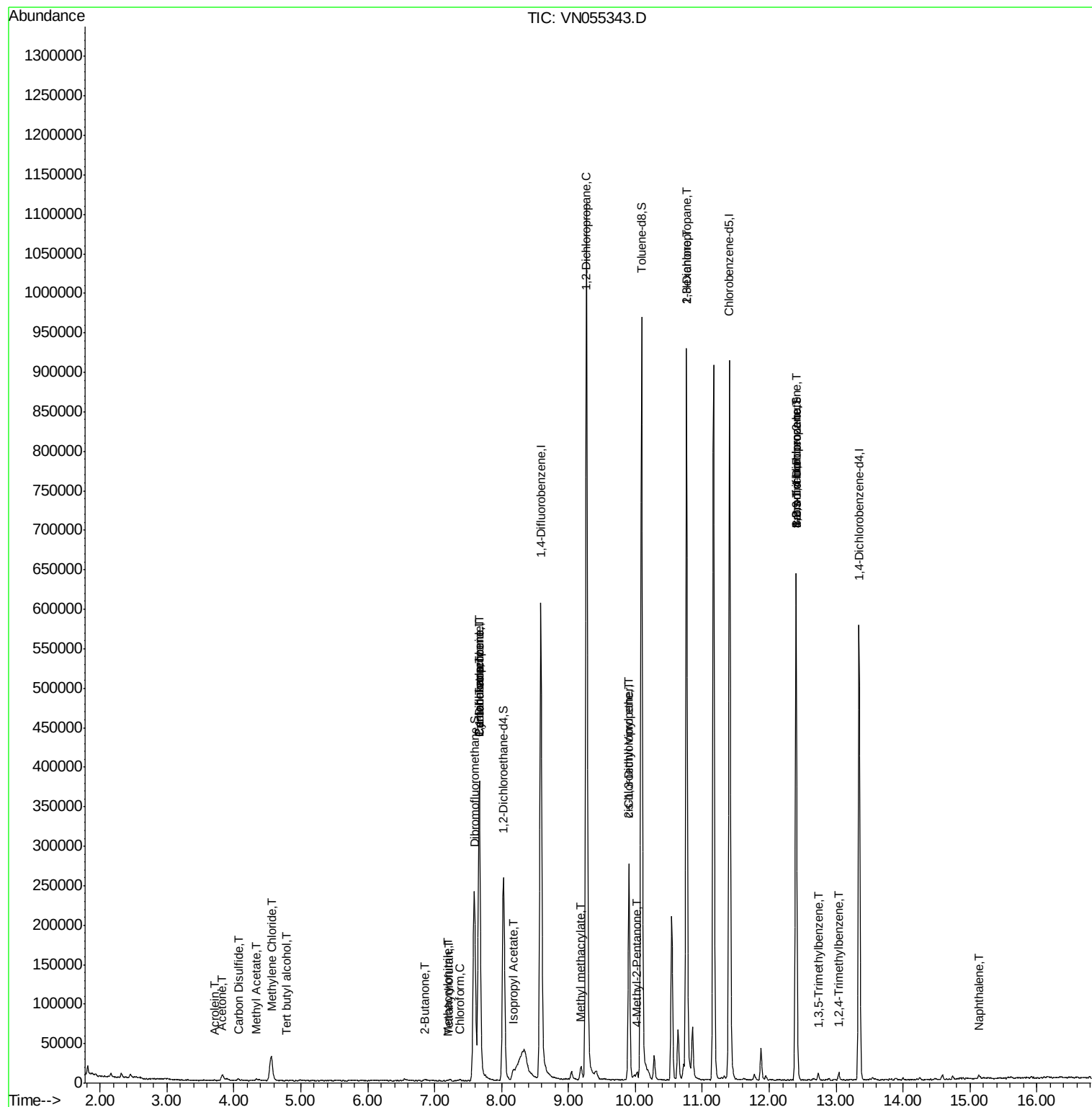
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

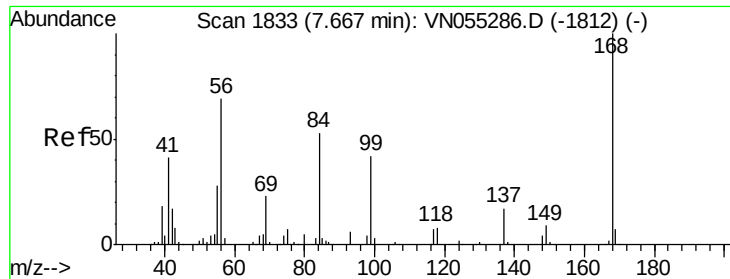
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050219\
Data File : VN055343.D
Acq On : 2 May 2019 12:03
Operator : JC/SP
Sample : K2652-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DRUM-1-4

Quant Time: May 03 01:52:00 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055343.D

Acq: 2 May 2019 12:03

Instrument :

MSVOA_N

ClientSampled :

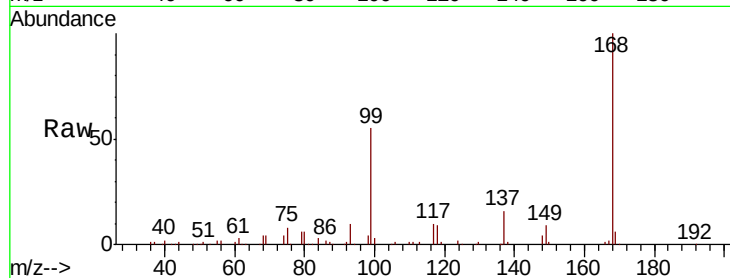
DRUM-1-4

Tot Ion:168 Resp: 316470

Ion Ratio Lower Upper

168 100

99 55.3 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055286.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055286.D (-1812) (-)

7.67

150000

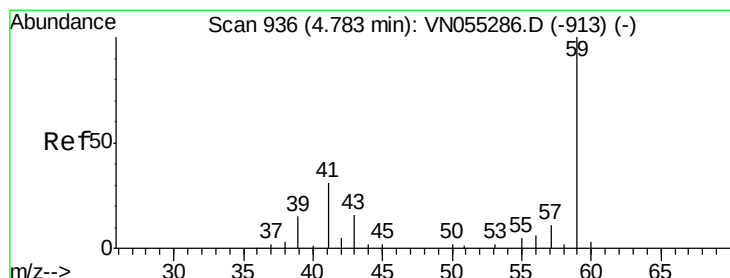
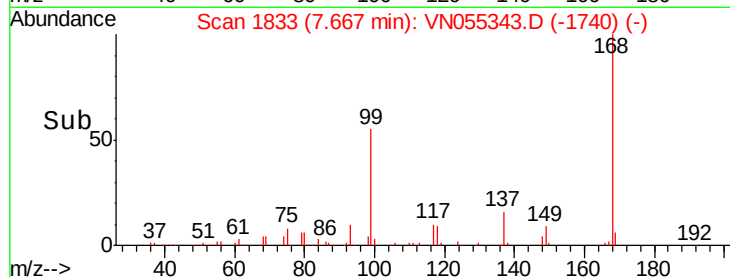
100000

50000

0

7.60 7.70 7.80

Time-->



#11

Tert butyl alcohol

Concen: 1.645 ug/l

RT: 4.80 min Scan# 940

Delta R.T. 0.01 min

Lab File: VN055343.D

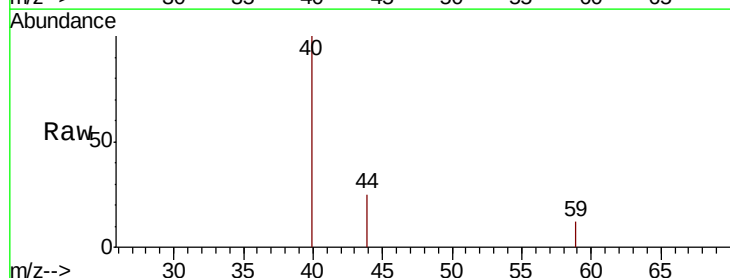
Acq: 2 May 2019 12:03

Tgt Ion: 59 Resp: 390

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN055286.D (-913) (-)

Ion 57.00 (56.70 to 57.70): VN055286.D (-913) (-)

4.80

300

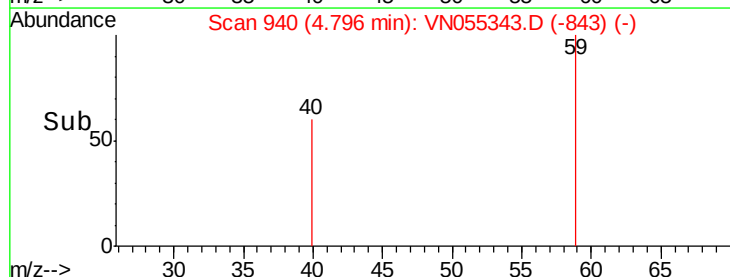
200

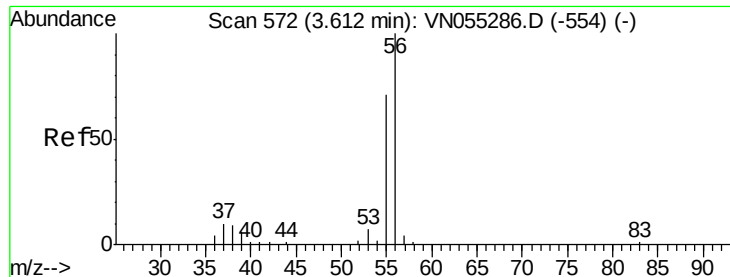
100

0

4.76 4.78 4.80 4.82

Time-->





#13

Acrolein

Concen: 0.378 ug/l

RT: 3.71 min Scan# 603

Delta R.T. 0.10 min

Lab File: VN055343.D

Acq: 2 May 2019 12:03

Instrument :

MSVOA_N

ClientSampled :

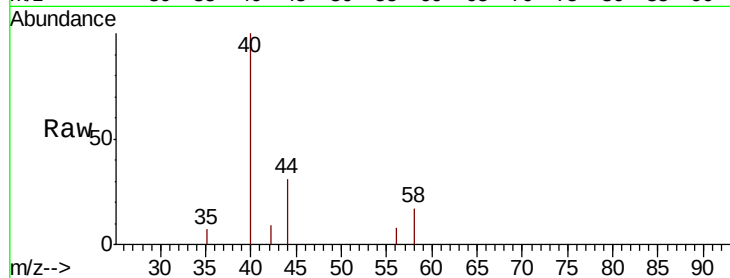
DRUM-1-4

Tot Ion: 56 Resp: 70

Ion Ratio Lower Upper

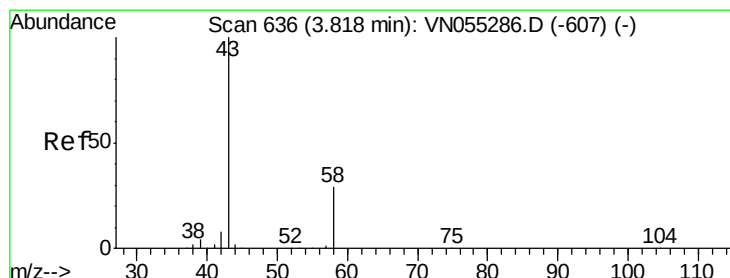
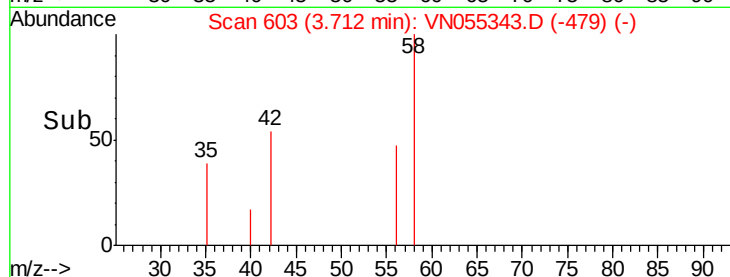
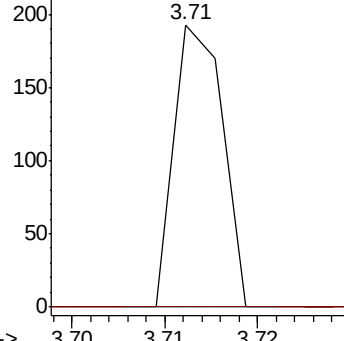
56 100

55 0.0 57.4 86.2#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 9.785 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055343.D

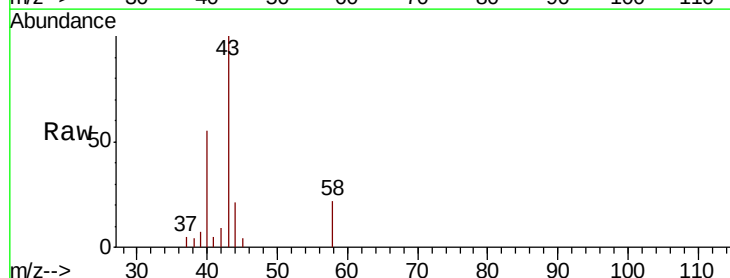
Acq: 2 May 2019 12:03

Tgt Ion: 43 Resp: 12623

Ion Ratio Lower Upper

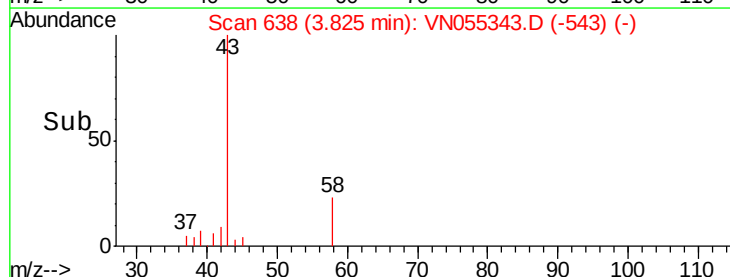
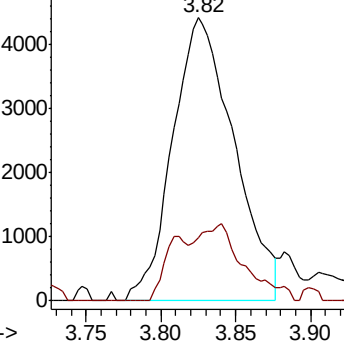
43 100

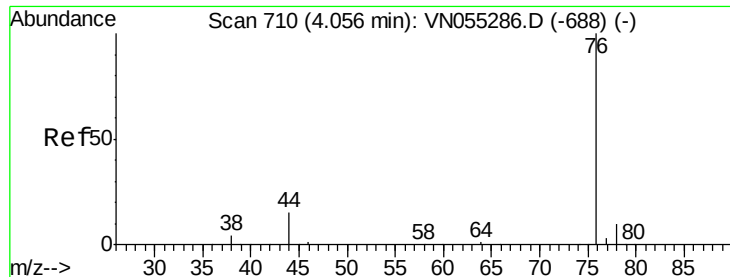
58 22.4 23.6 35.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 0.276 ug/l

RT: 4.06 min Scan# 712

Delta R.T. 0.01 min

Lab File: VN055343.D

Acq: 2 May 2019 12:03

Instrument :

MSVOA_N

ClientSampled :

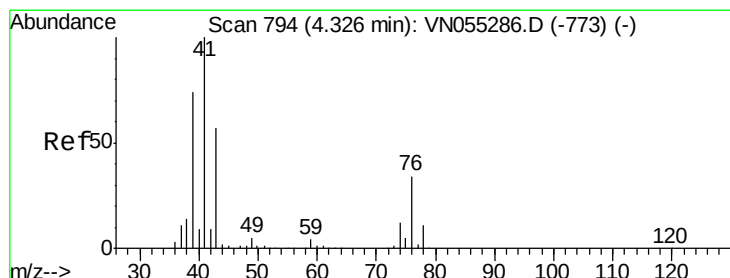
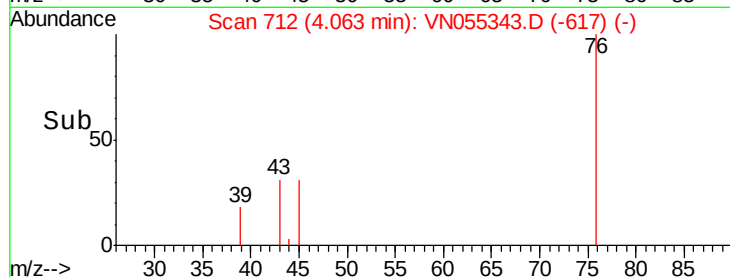
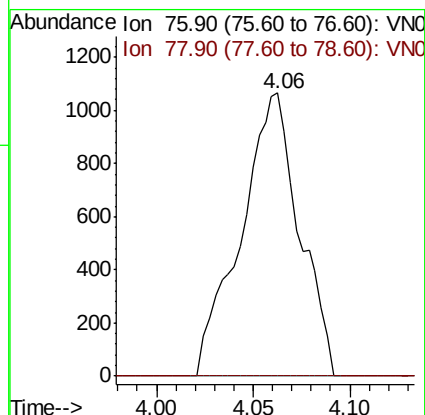
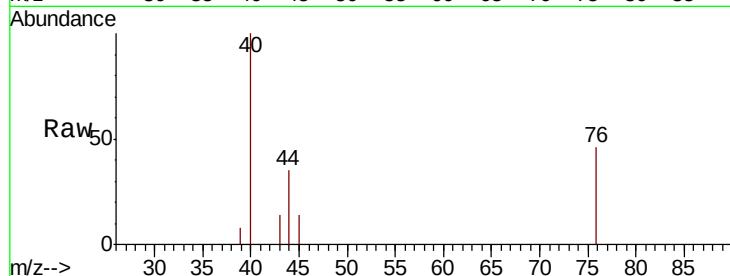
DRUM-1-4

Tot Ion: 76 Resp: 2248

Ion Ratio Lower Upper

76 100

78 0.0 7.6 11.4#



#18

Methyl Acetate

Concen: 0.572 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.01 min

Lab File: VN055343.D

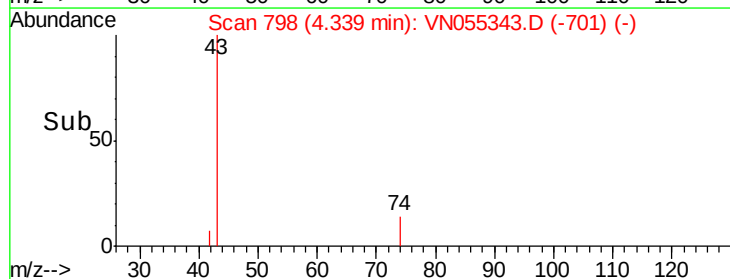
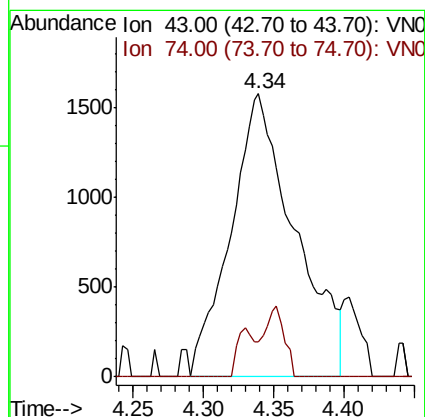
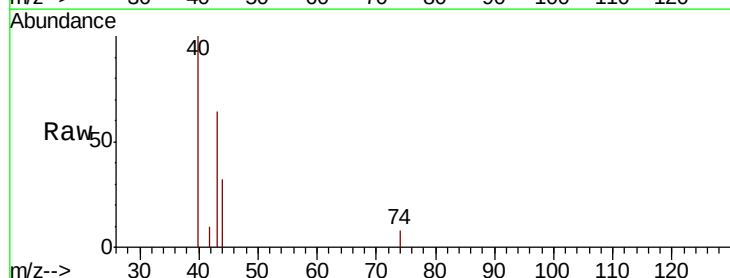
Acq: 2 May 2019 12:03

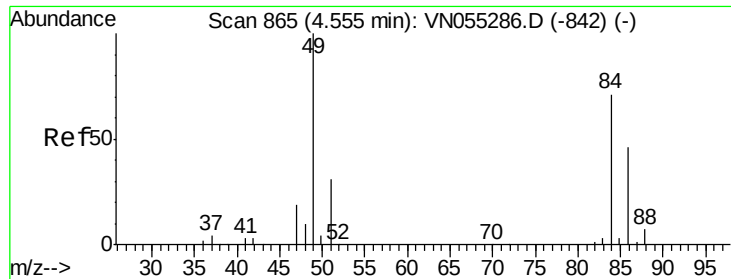
Tgt Ion: 43 Resp: 5016

Ion Ratio Lower Upper

43 100

74 4.3 15.8 23.8#

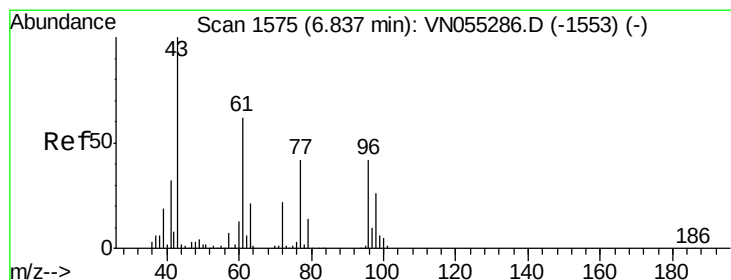
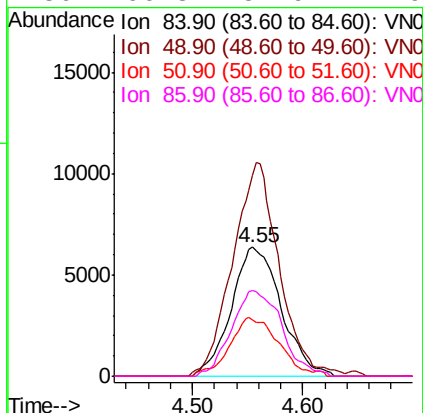
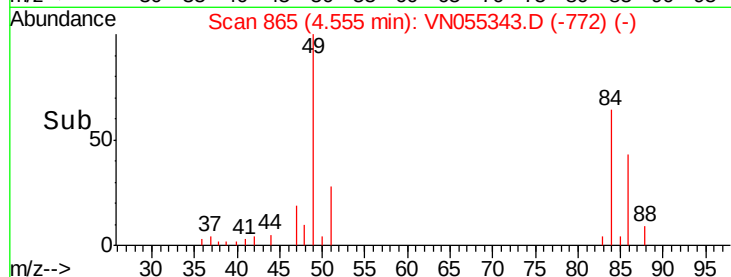
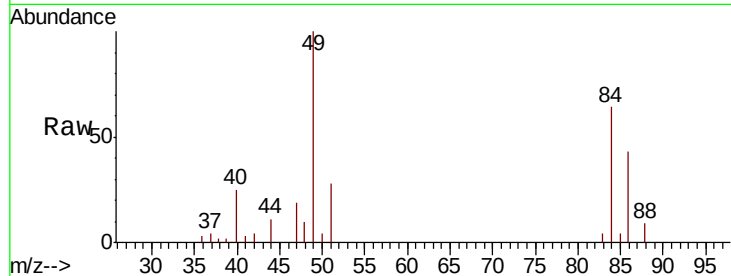




#20
Methvlene Chloride
Concen: 5.088 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055343.D
Acq: 2 May 2019 12:03

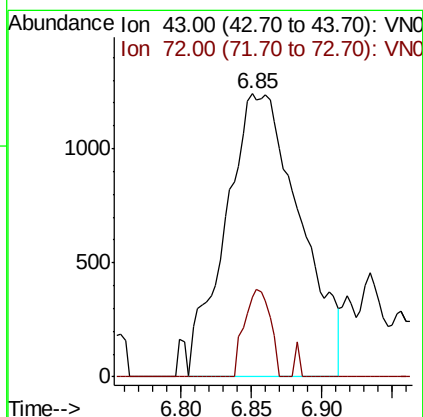
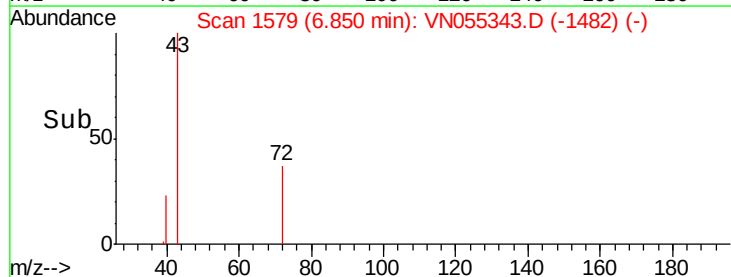
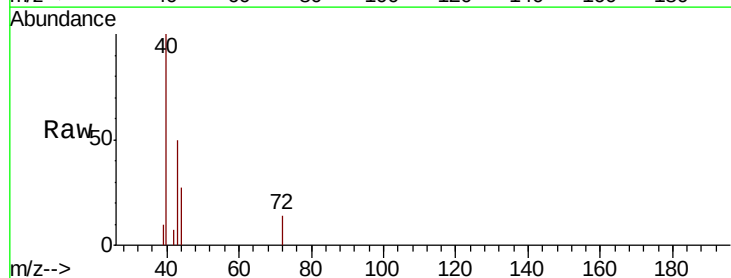
Instrument :
MSVOA_N
ClientSampled :
DRUM-1-4

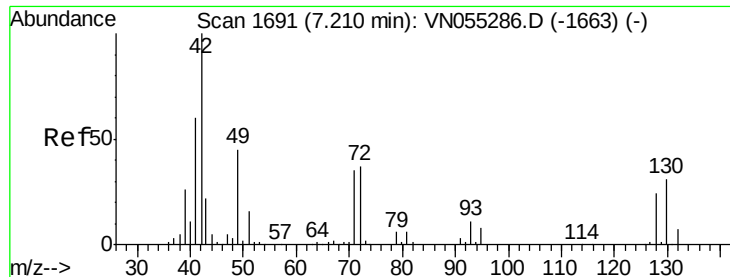
Tot Ion: 84 Resp: 20034
Ion Ratio Lower Upper
84 100
49 156.1 112.4 168.6
51 43.9 34.6 51.8
86 66.8 51.9 77.9



#25
2-Butanone
Concen: 2.767 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VN055343.D
Acq: 2 May 2019 12:03

Tgt Ion: 43 Resp: 4565
Ion Ratio Lower Upper
43 100
72 28.3 18.0 27.0#

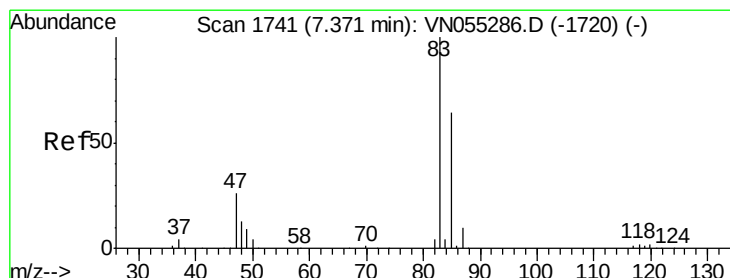
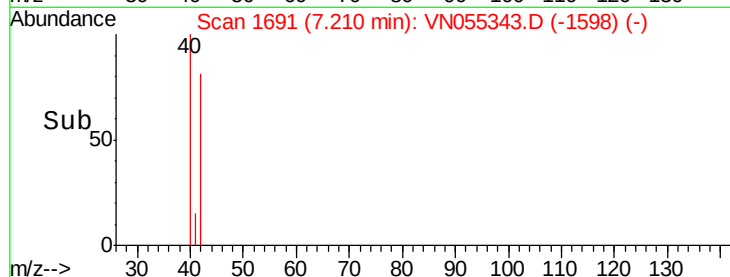
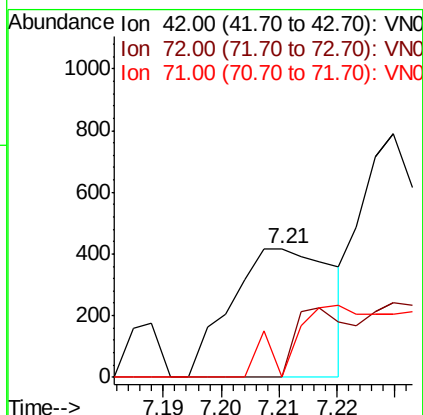
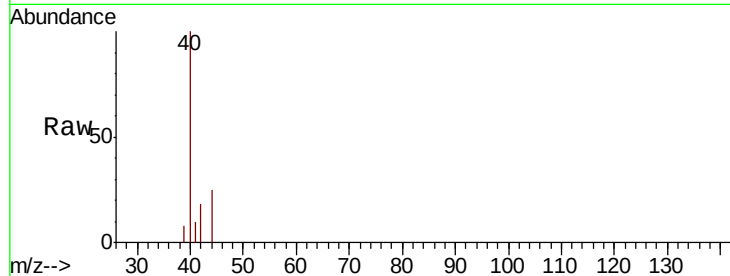




#29
Tetrahydrofuran
Concen: 0.483 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN055343.D
Acq: 2 May 2019 12:03

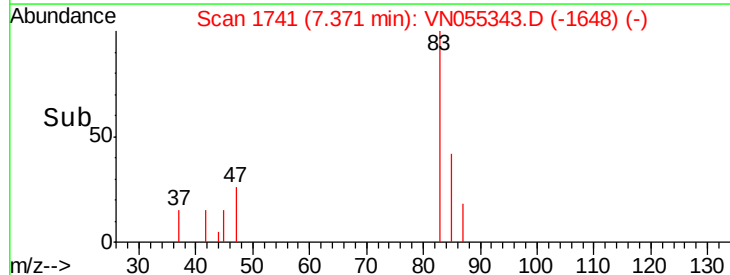
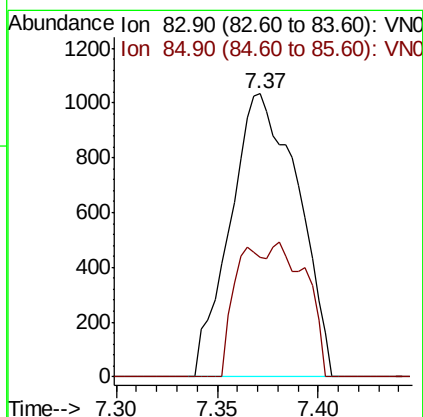
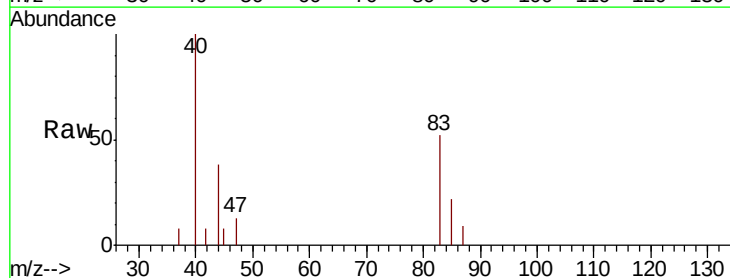
Instrument :
MSVOA_N
ClientSampleId :
DRUM-1-4

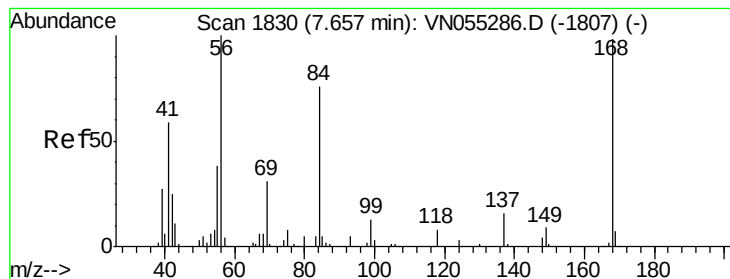
Tot Ion: 42 Resp: 510
Ion Ratio Lower Upper
42 100
72 29.8 29.0 43.6
71 52.4 27.1 40.7#



#30
Chloroform
Concen: 0.372 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN055343.D
Acq: 2 May 2019 12:03

Tgt Ion: 83 Resp: 2418
Ion Ratio Lower Upper
83 100
85 42.3 51.4 77.2#





#31

Cyclohexane

Concen: 1.055 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN055343.D

Acq: 2 May 2019 12:03

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1-4

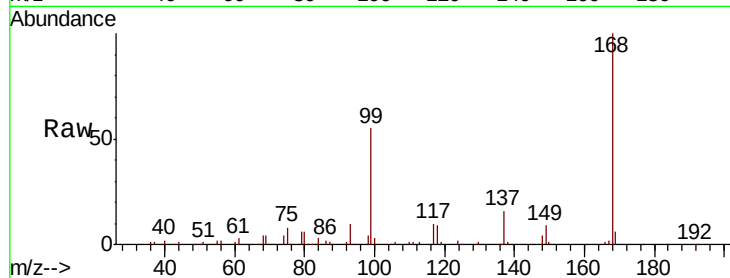
Tot Ion: 56 Resp: 6870

Ion Ratio Lower Upper

56 100

69 170.9 25.2 37.8#

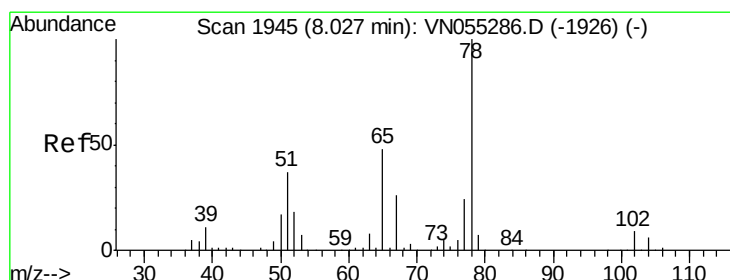
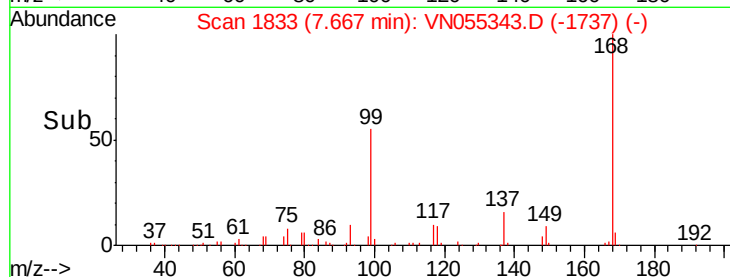
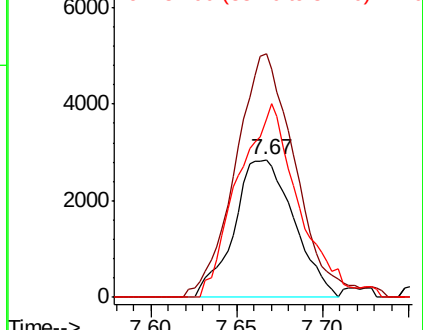
84 128.9 61.1 91.7#



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: 55.790 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055343.D

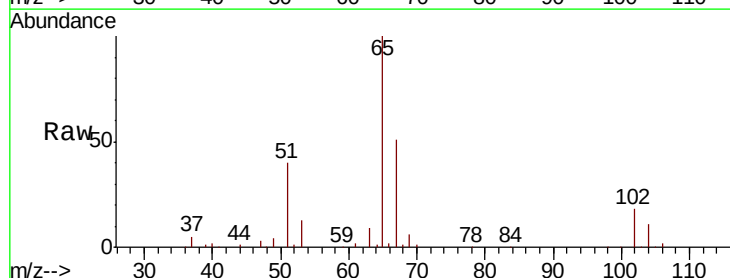
Acq: 2 May 2019 12:03

Tgt Ion: 65 Resp: 230977

Ion Ratio Lower Upper

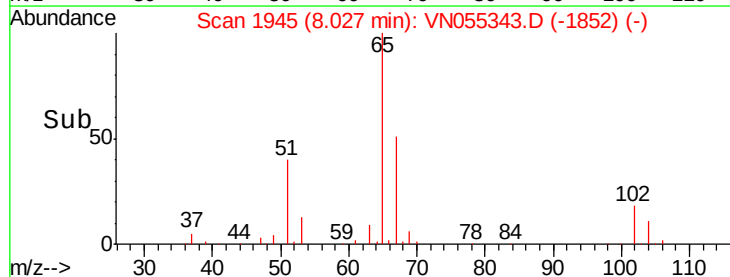
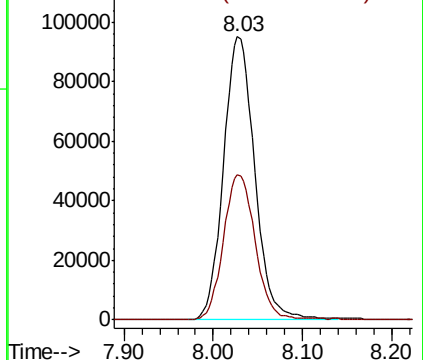
65 100

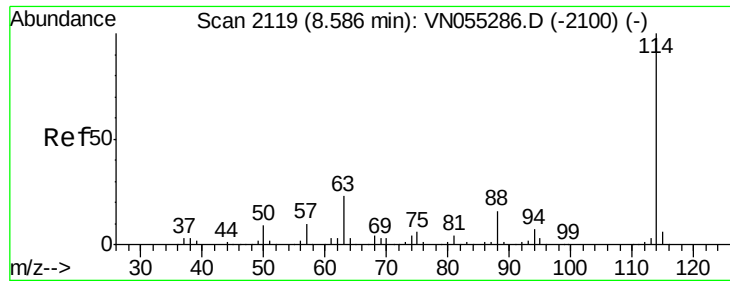
67 51.8 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

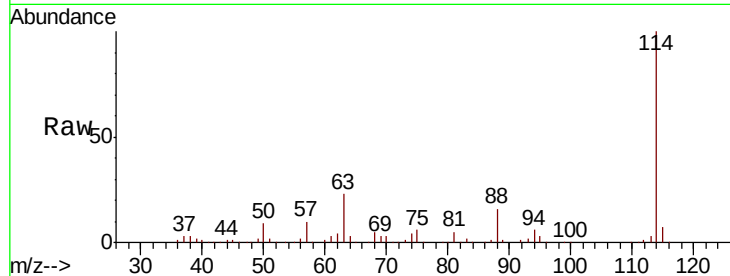




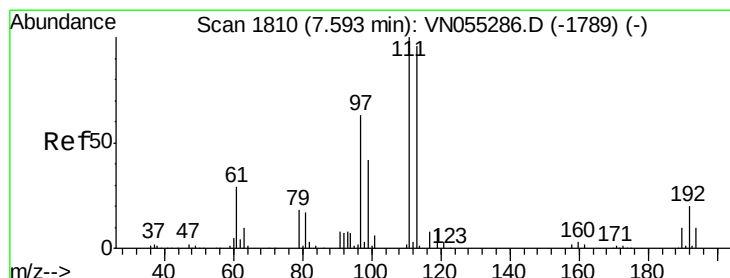
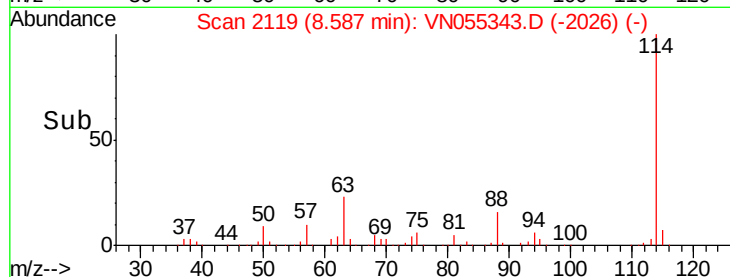
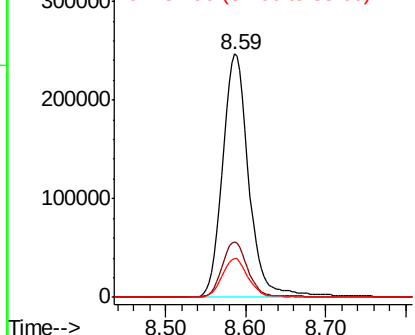
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055343.D
 Acq: 2 May 2019 12:03

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-1-4

Tot Ion:114 Resp: 557965
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.2
 88 16.1 0.0 31.6

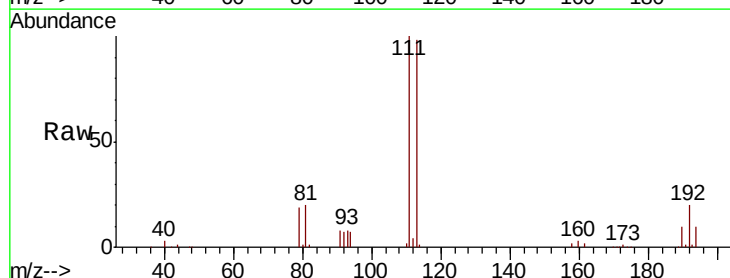


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

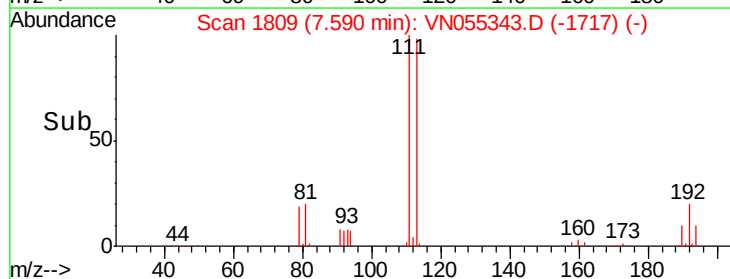
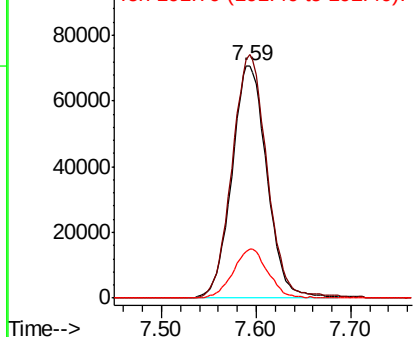


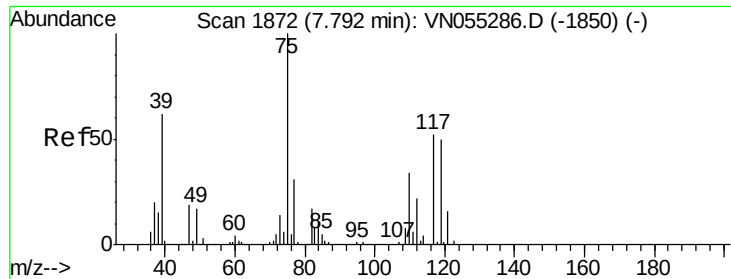
#35
 Dibromofluoromethane
 Concen: 49.763 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055343.D
 Acq: 2 May 2019 12:03

Tgt Ion:113 Resp: 182245
 Ion Ratio Lower Upper
 113 100
 111 104.6 82.3 123.5
 192 20.8 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

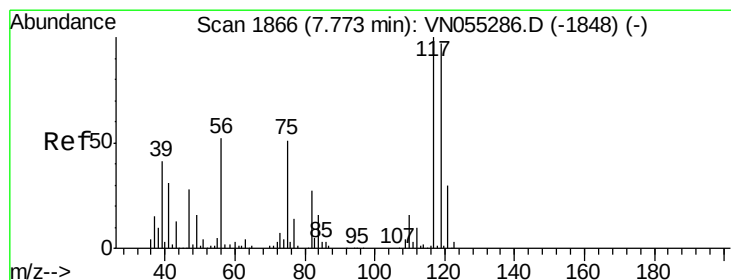
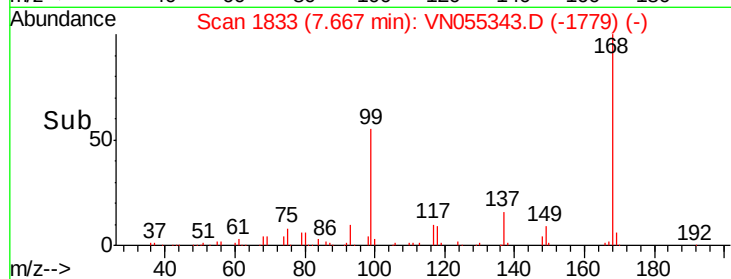
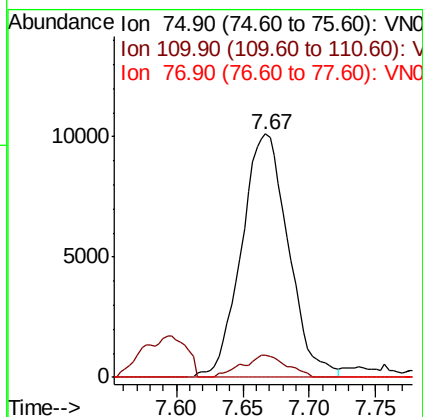
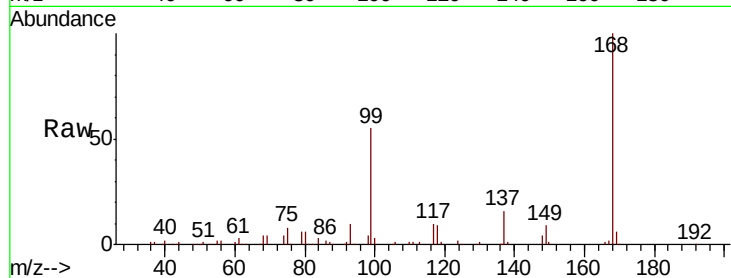




#36
 1,1-Dichloropropene
 Concen: 4.663 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN055343.D
 Acq: 2 May 2019 12:03

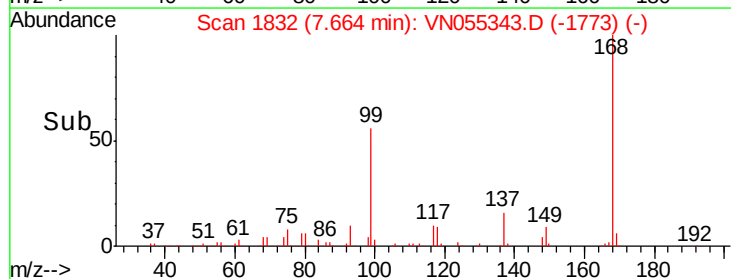
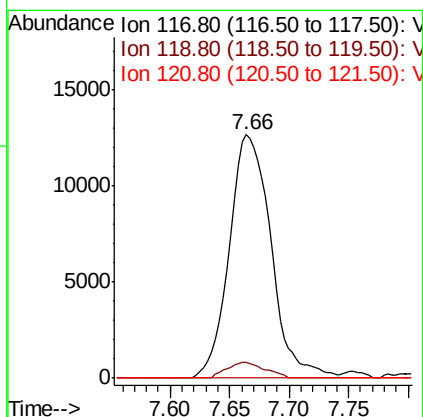
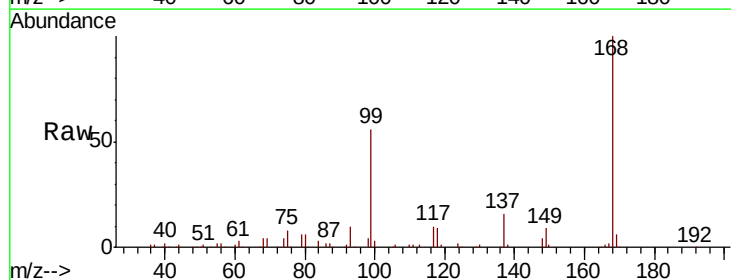
Instrument :
 MSVOA_N
 ClientSampled :
 DRUM-1-4

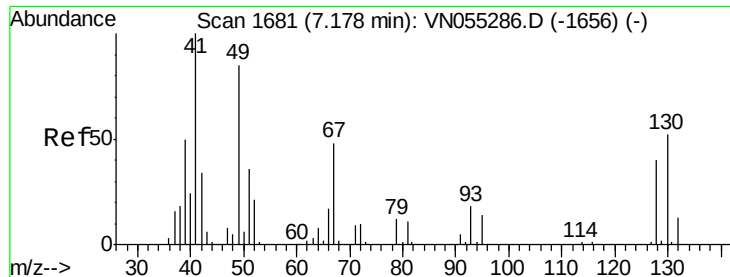
Tot Ion: 75 Resp: 24922
 Ion Ratio Lower Upper
 75 100
 110 8.6 16.8 50.4#
 77 0.0 25.0 37.6#



#38
 Carbon Tetrachloride
 Concen: 5.974 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN055343.D
 Acq: 2 May 2019 12:03

Tgt Ion: 117 Resp: 30797
 Ion Ratio Lower Upper
 117 100
 119 6.4 77.0 115.6#
 121 0.0 23.8 35.8#

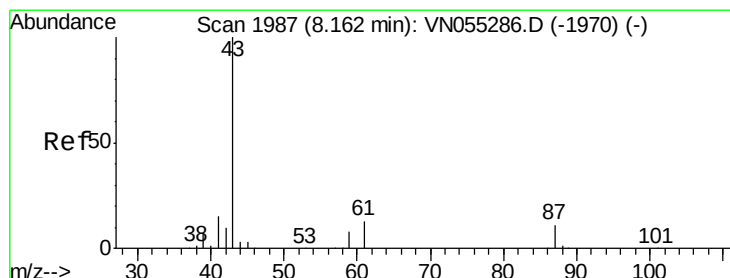
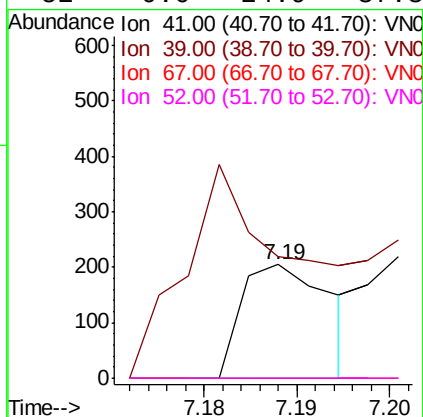
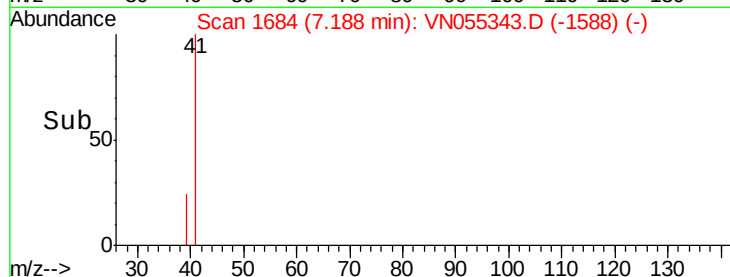
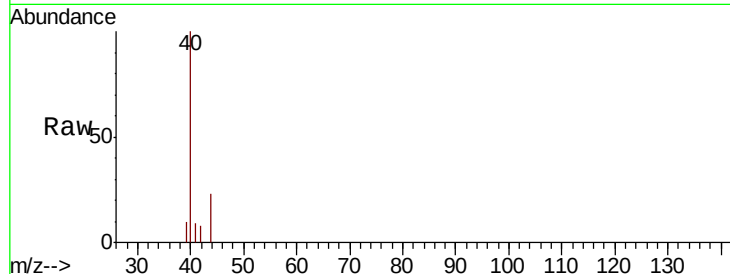




#41
Methacrylonitrile
Concen: 0.800 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VN055343.D
Acq: 2 May 2019 12:03

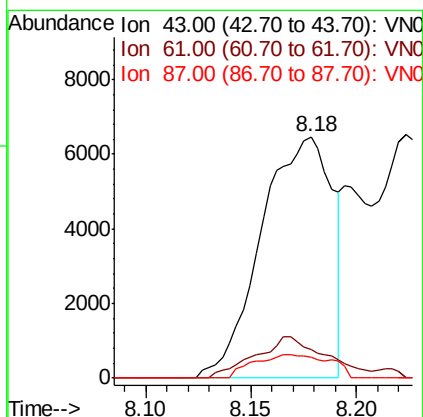
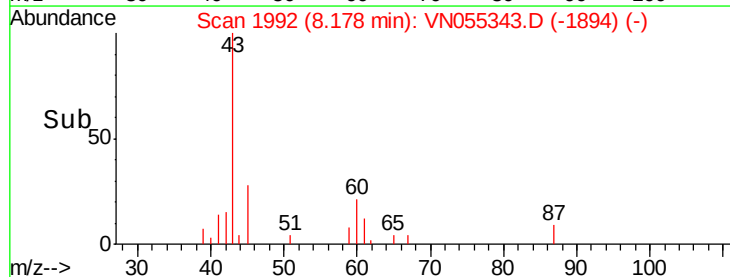
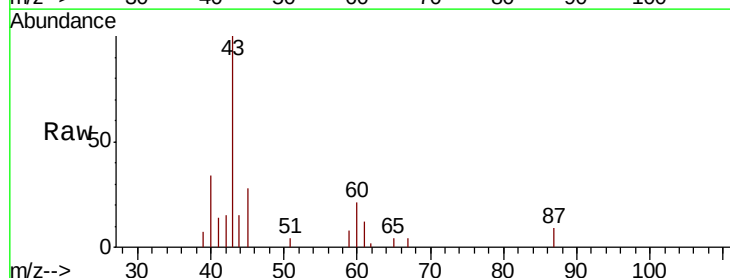
Instrument :
MSVOA_N
ClientSampled :
DRUM-1-4

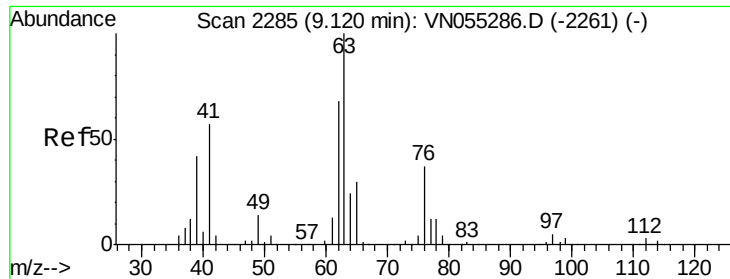
Tot Ion: 41 Resp: 136
Ion Ratio Lower Upper
41 100
39 229.4 48.5 72.7#
67 0.0 54.9 82.3#
52 0.0 24.9 37.3#



#43
Isopropyl Acetate
Concen: 2.299 ug/l
RT: 8.18 min Scan# 1992
Delta R.T. 0.02 min
Lab File: VN055343.D
Acq: 2 May 2019 12:03

Tgt Ion: 43 Resp: 15131
Ion Ratio Lower Upper
43 100
61 17.2 20.8 31.2#
87 10.4 8.5 12.7

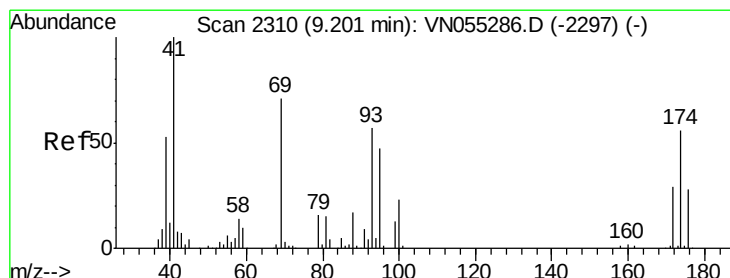
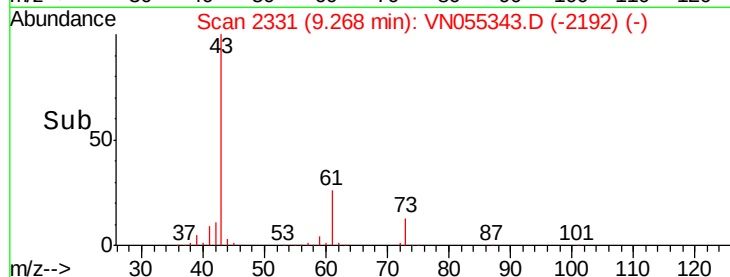
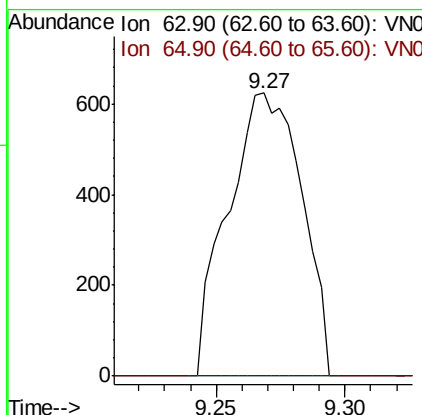
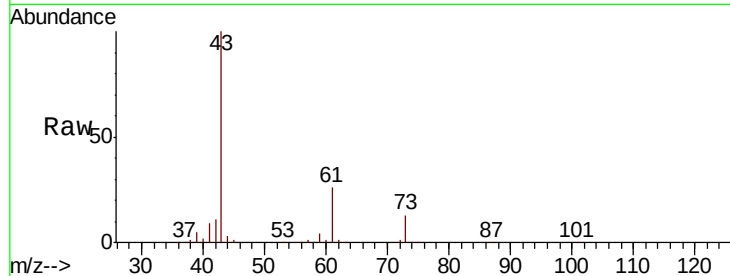




#45
 1,2-Dichloropropane
 Concen: 0.274 ug/l
 RT: 9.27 min Scan# 2331
 Delta R.T. 0.15 min
 Lab File: VN055343.D
 Acq: 2 May 2019 12:03

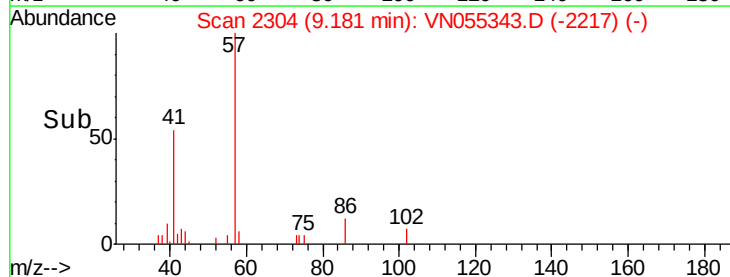
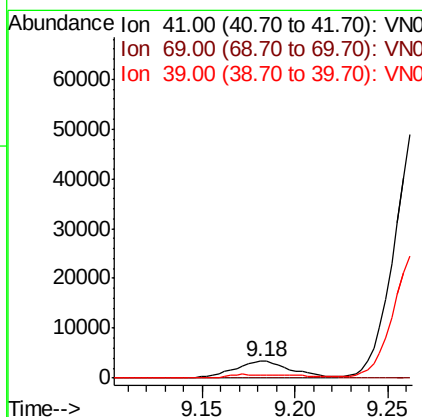
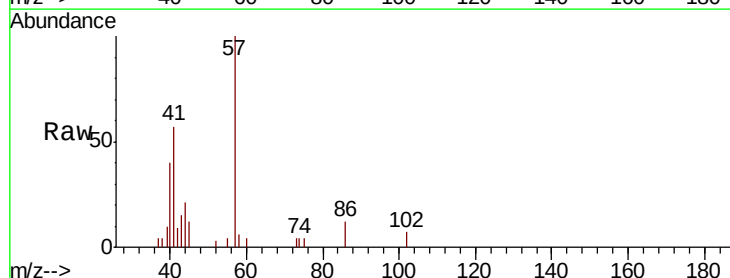
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-1-4

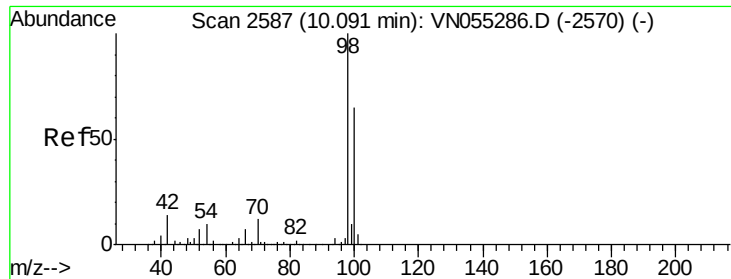
Tot Ion: 63 Resp: 1244
 Ion Ratio Lower Upper
 63 100
 65 0.0 23.9 35.9#



#48
 Methyl methacrylate
 Concen: 2.022 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. -0.02 min
 Lab File: VN055343.D
 Acq: 2 May 2019 12:03

Tgt Ion: 41 Resp: 6544
 Ion Ratio Lower Upper
 41 100
 69 0.0 58.6 87.8#
 39 0.0 43.8 65.6#

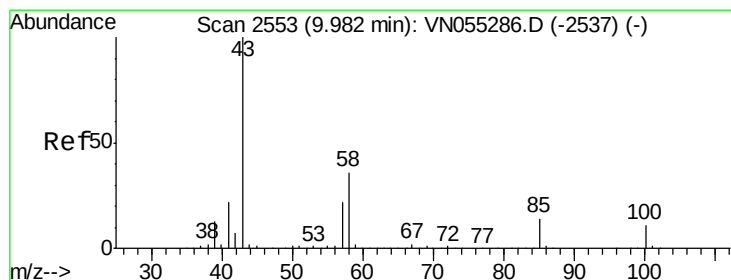
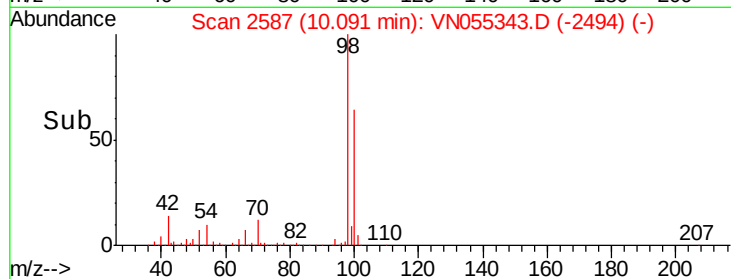
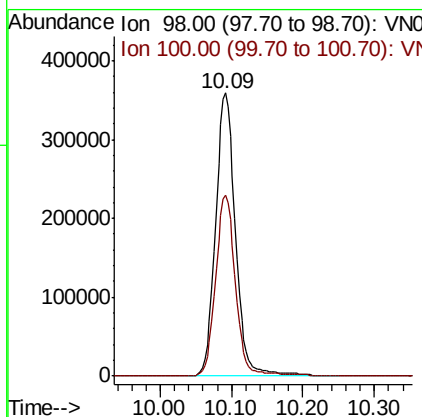
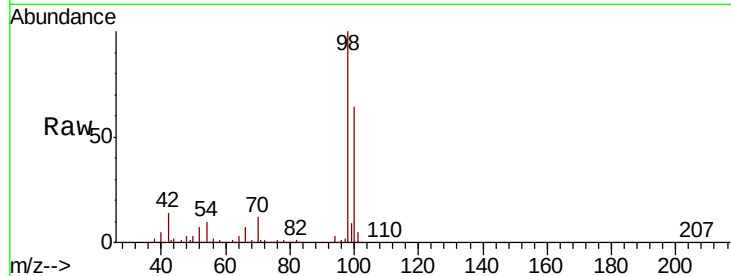




#50
Toluene-d8
Concen: 52.615 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055343.D
Acq: 2 May 2019 12:03

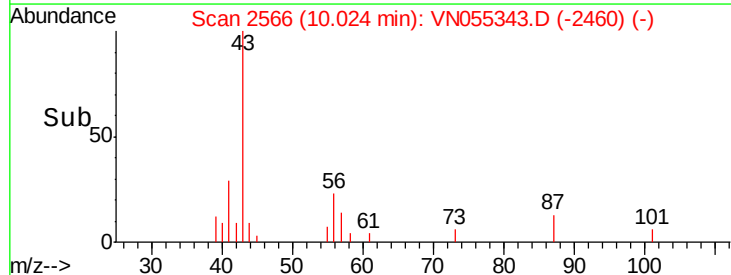
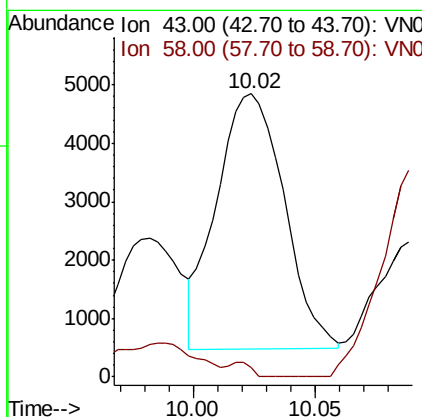
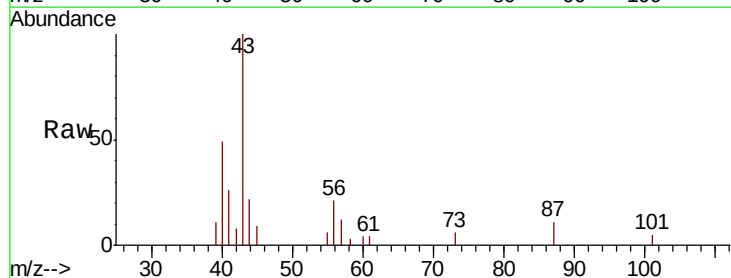
Instrument :
MSVOA_N
ClientSampled :
DRUM-1-4

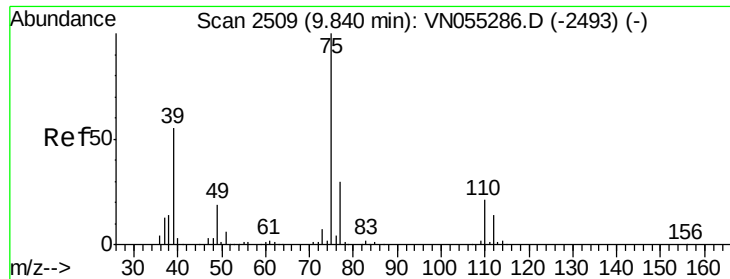
Tot Ion: 98 Resp: 695793
Ion Ratio Lower Upper
98 100
100 63.4 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 2.274 ug/l
RT: 10.02 min Scan# 2566
Delta R.T. 0.04 min
Lab File: VN055343.D
Acq: 2 May 2019 12:03

Tgt Ion: 43 Resp: 8429
Ion Ratio Lower Upper
43 100
58 0.0 28.5 42.7#





#54

cis-1,3-Dichloropropene

Concen: 7.641 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN055343.D

Acq: 2 May 2019 12:03

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1-4

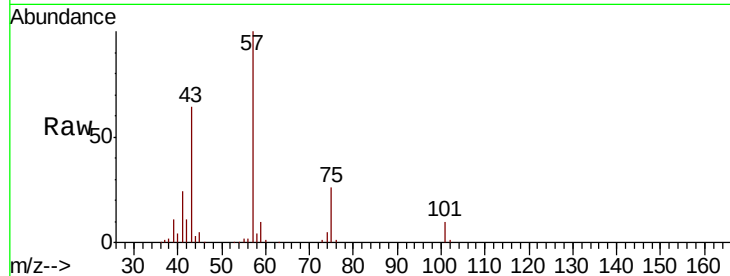
Tot Ion: 75 Resp: 44067

Ion Ratio Lower Upper

75 100

77 0.0 24.2 36.2#

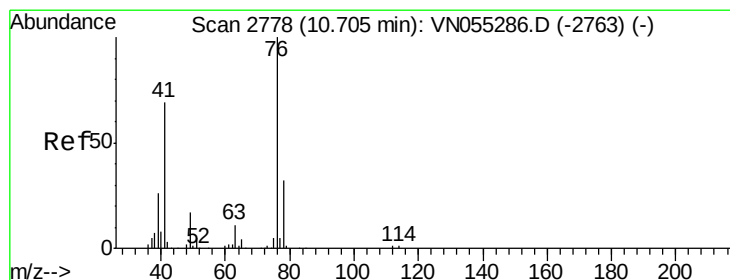
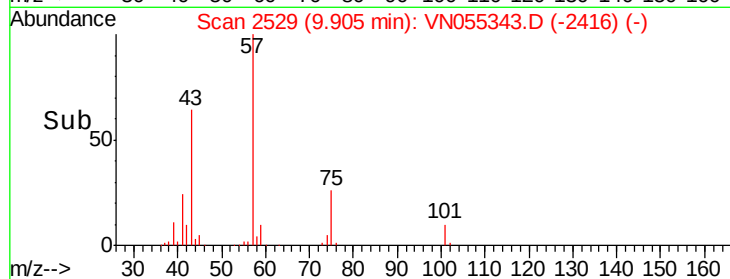
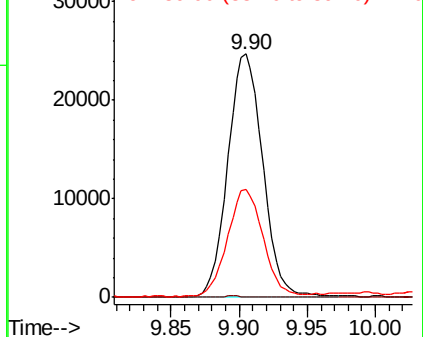
39 44.0 44.2 66.2#



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: 1.437 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN055343.D

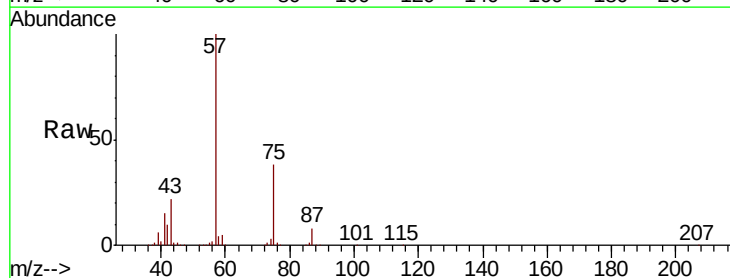
Acq: 2 May 2019 12:03

Tgt Ion: 76 Resp: 8465

Ion Ratio Lower Upper

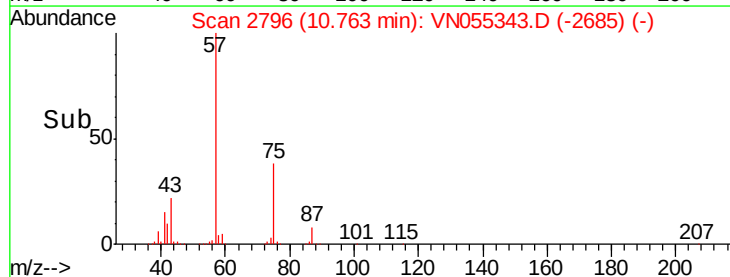
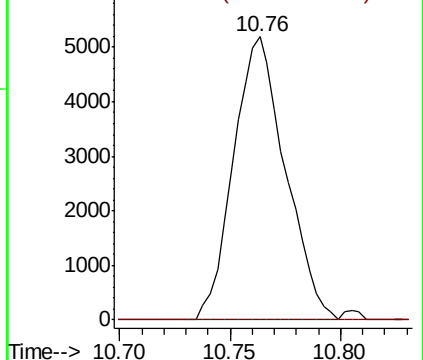
76 100

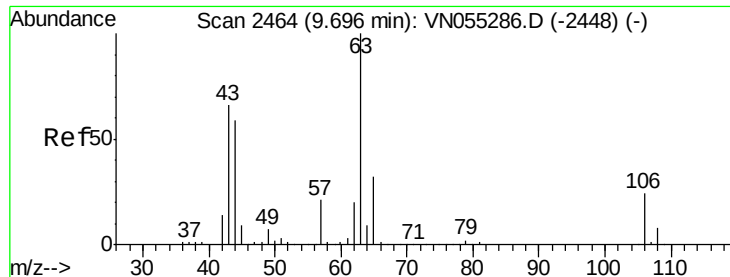
78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

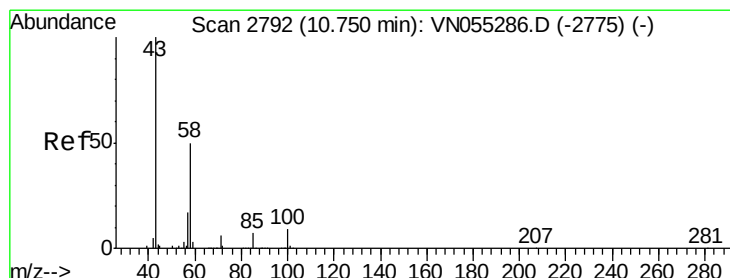
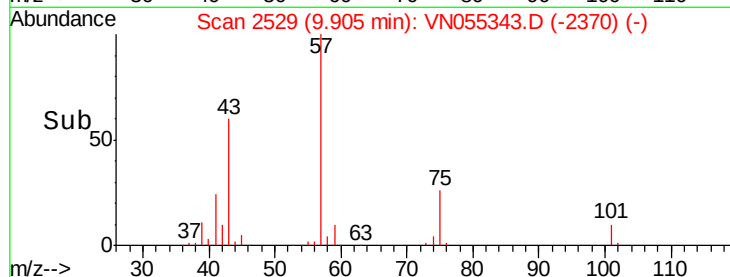
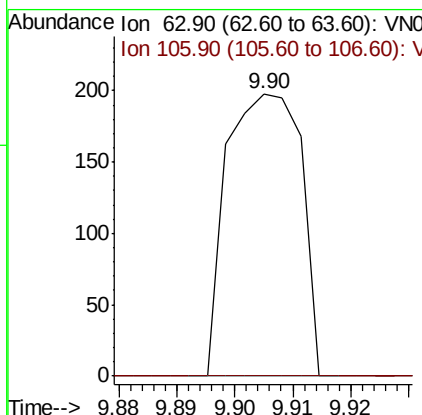
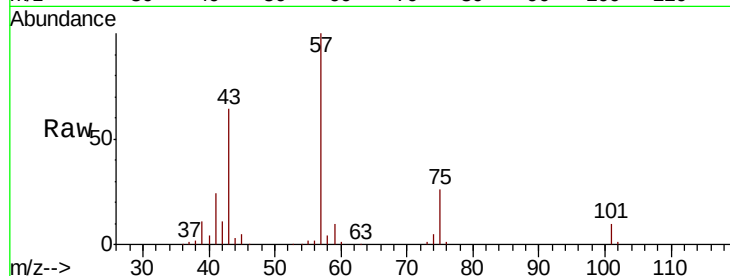




#58
 2-Chloroethyl Vinyl ether
 Concen: 12.535 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.21 min
 Lab File: VN055343.D
 Acq: 2 May 2019 12:03

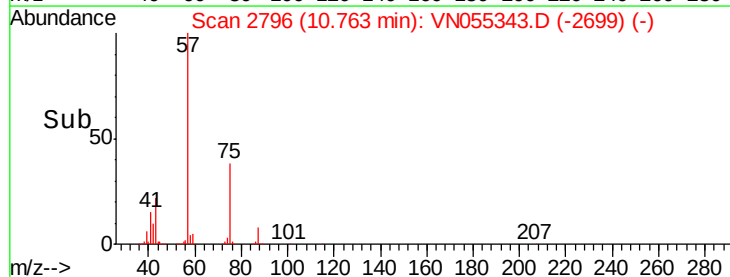
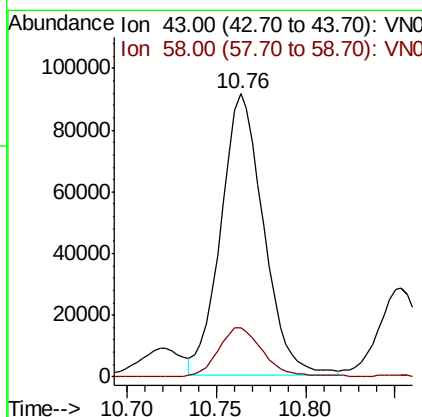
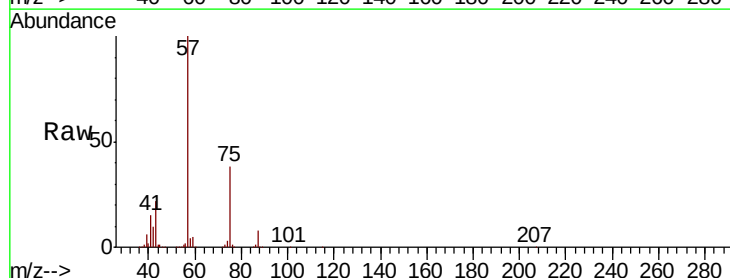
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-1-4

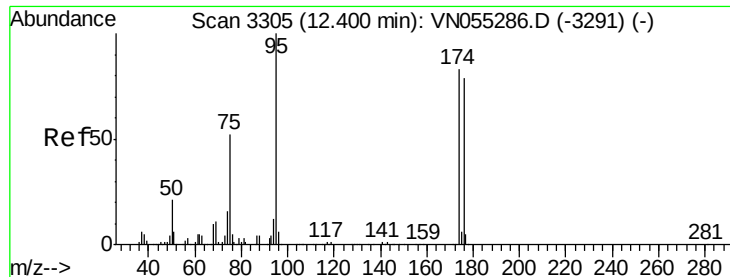
Tot Ion: 63 Resp: 175
 Ion Ratio Lower Upper
 63 100
 106 0.0 19.0 28.4#



#59
 2-Hexanone
 Concen: 65.626 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN055343.D
 Acq: 2 May 2019 12:03

Tgt Ion: 43 Resp: 152177
 Ion Ratio Lower Upper
 43 100
 58 18.5 24.9 74.6#

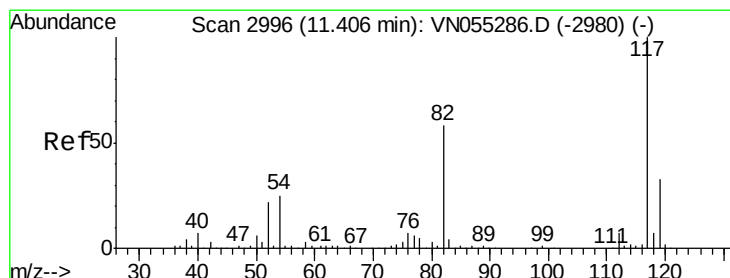
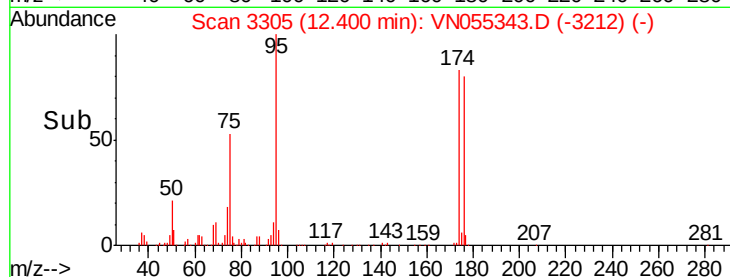
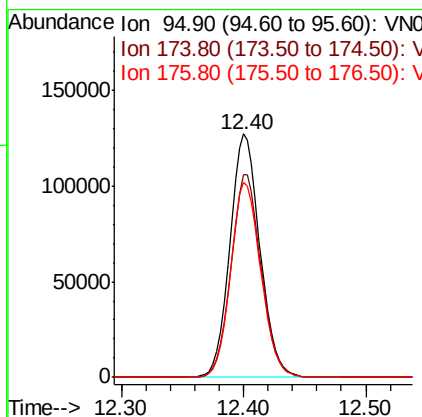
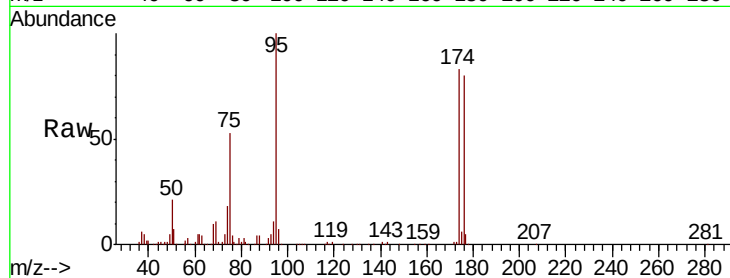




#62
 4-Bromofluorobenzene
 Concen: 52.623 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055343.D
 Acq: 2 May 2019 12:03

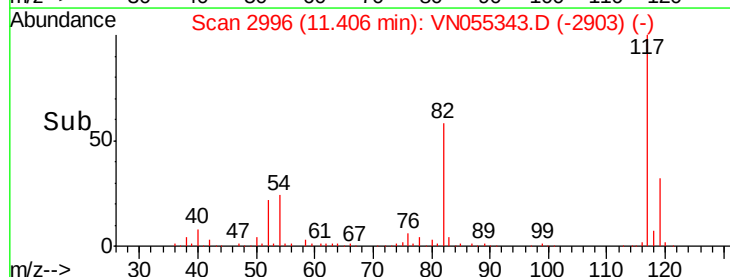
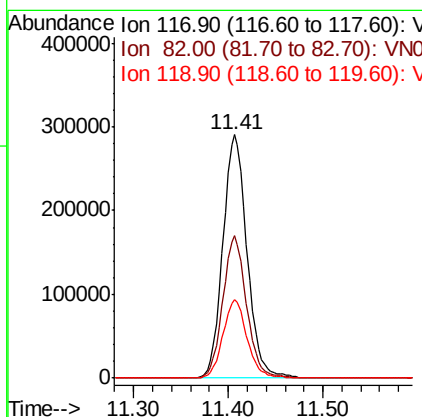
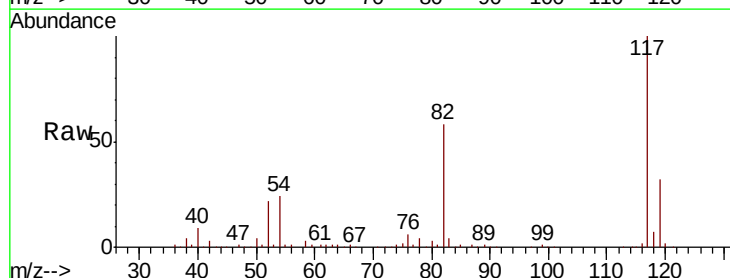
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-1-4

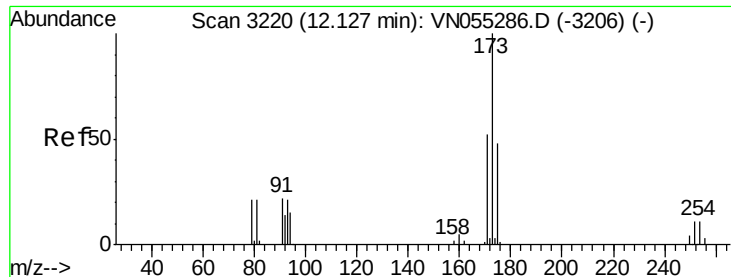
Tot Ion: 95 Resp: 217493
 Ion Ratio Lower Upper
 95 100
 174 83.4 0.0 166.6
 176 80.7 0.0 157.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN055343.D
 Acq: 2 May 2019 12:03

Tgt Ion: 117 Resp: 514415
 Ion Ratio Lower Upper
 117 100
 82 58.3 46.2 69.4
 119 32.3 26.6 40.0





#71

Bromoform

Concen: 0.319 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.27 min

Lab File: VN055343.D

Acq: 2 May 2019 12:03

Instrument :

MSVOA_N

ClientSampled :

DRUM-1-4

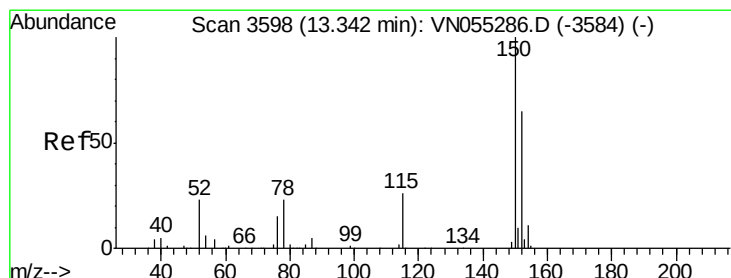
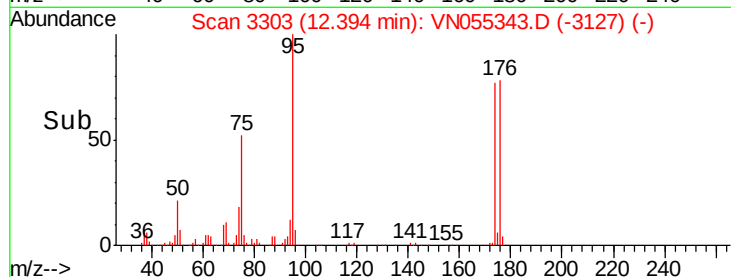
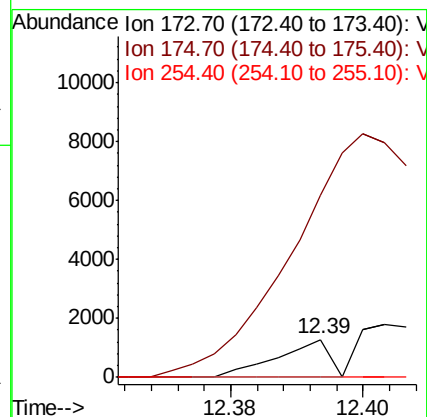
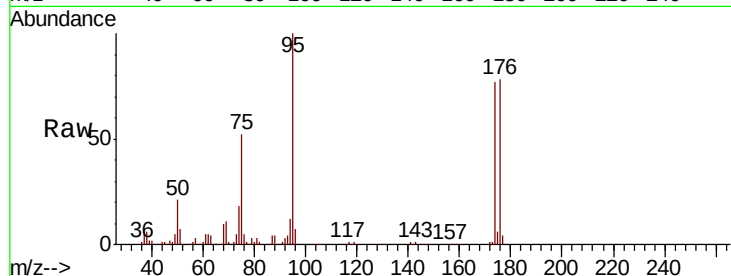
Tot Ion:173 Resp: 698

Ion Ratio Lower Upper

173 100

175 0.0 23.6 71.0#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055343.D

Acq: 2 May 2019 12:03

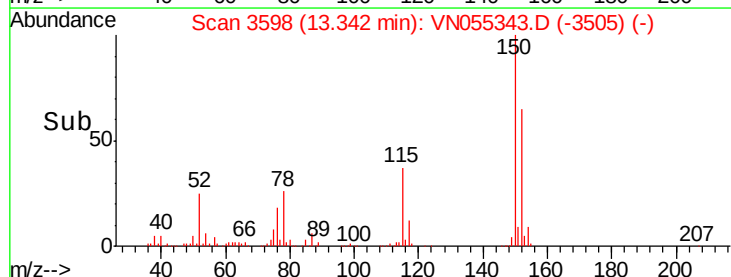
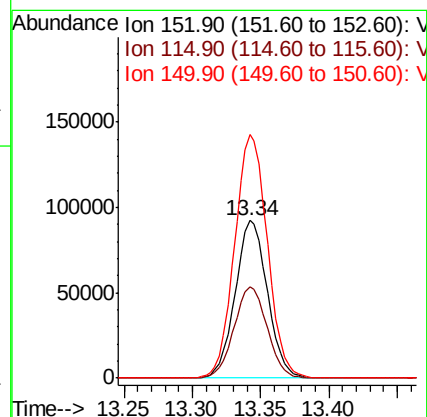
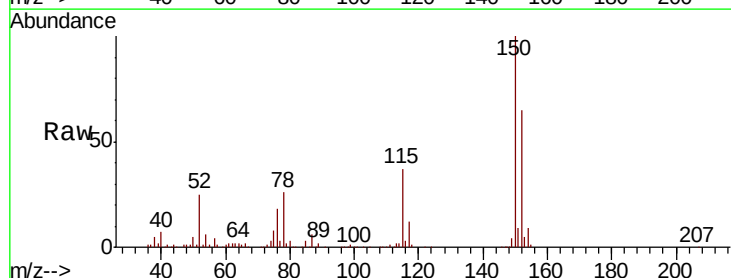
Tgt Ion:152 Resp: 151441

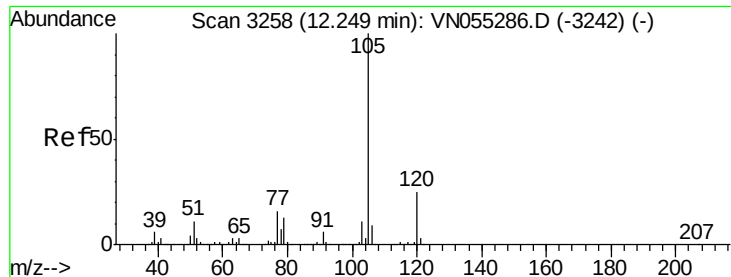
Ion Ratio Lower Upper

152 100

115 59.3 29.0 87.0

150 156.5 0.0 345.6





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055343.D

Acq: 2 May 2019 12:03

Instrument :

MSVOA_N

ClientSampled :

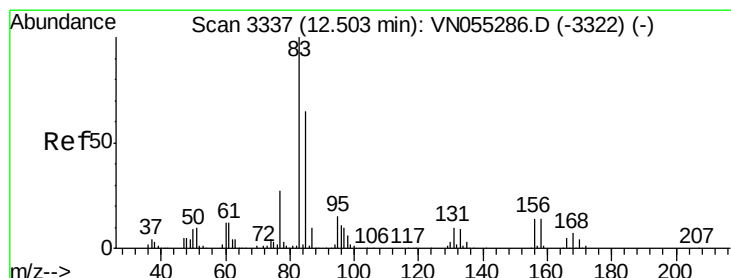
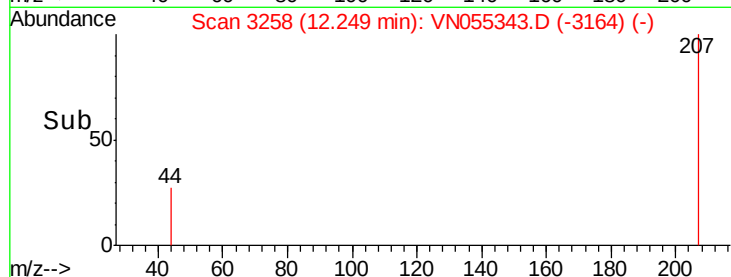
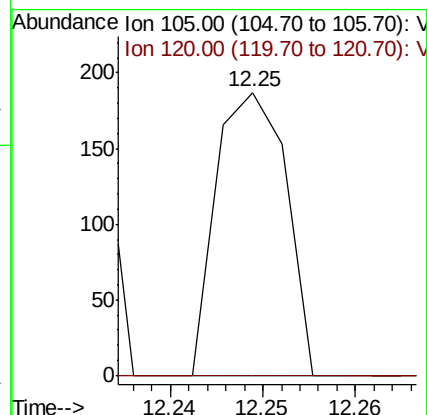
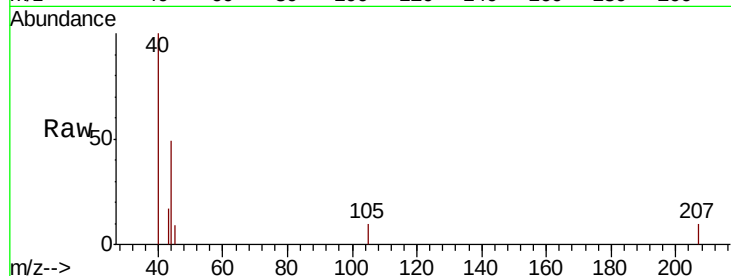
DRUM-1-4

Tot Ion:105 Resp: 98

Ion Ratio Lower Upper

105 100

120 0.0 12.9 38.7#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3304

Delta R.T. -0.11 min

Lab File: VN055343.D

Acq: 2 May 2019 12:03

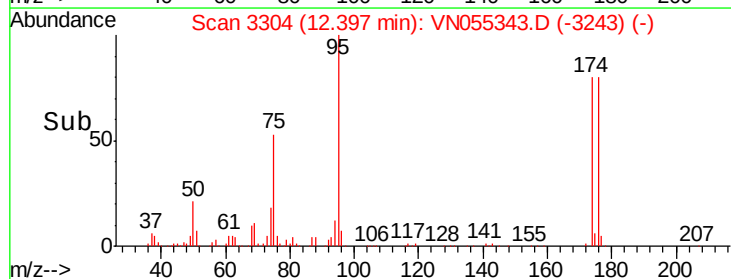
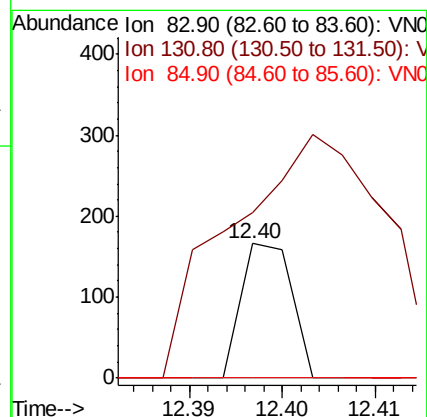
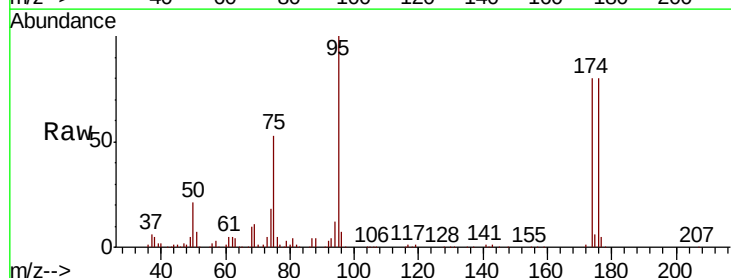
Tgt Ion: 83 Resp: 63

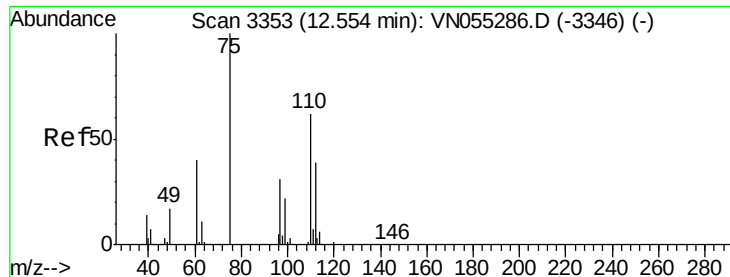
Ion Ratio Lower Upper

83 100

131 542.9 5.1 15.2#

85 0.0 32.3 96.8#





#76

1,2,3-Trichloropropane

Concen: 39.899 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055343.D

Acq: 2 May 2019 12:03

Instrument :

MSVOA_N

ClientSampleId :

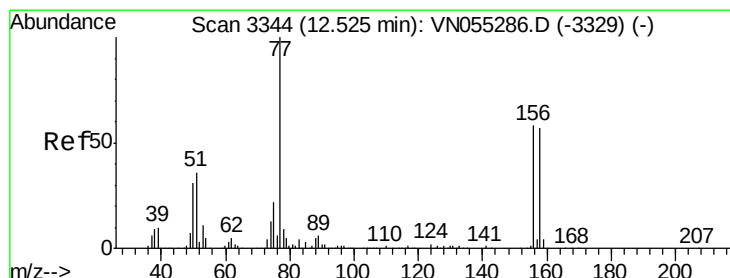
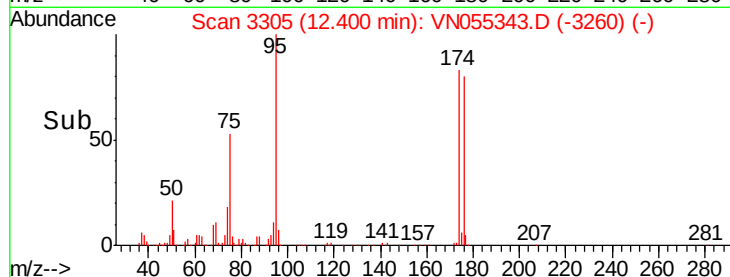
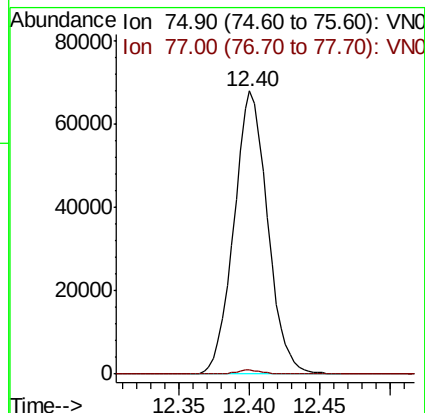
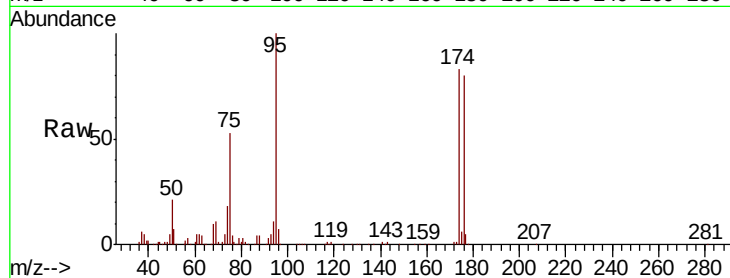
DRUM-1-4

Tot Ion: 75 Resp: 113744

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#77

Bromobenzene

Concen: Below Cal

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN055343.D

Acq: 2 May 2019 12:03

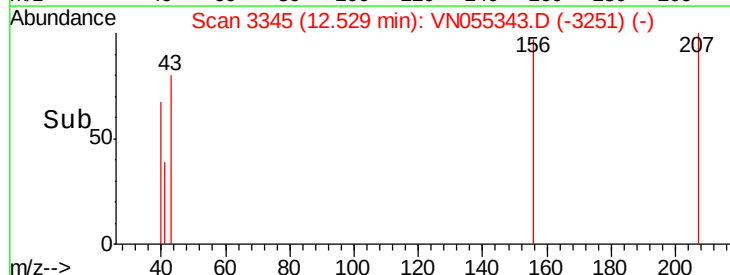
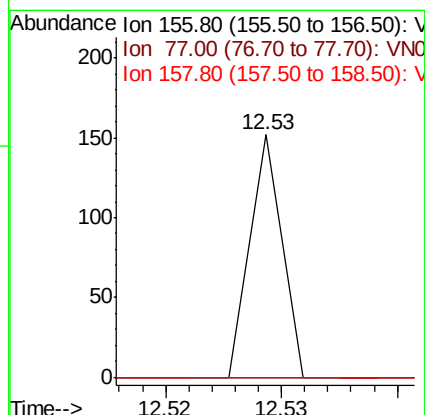
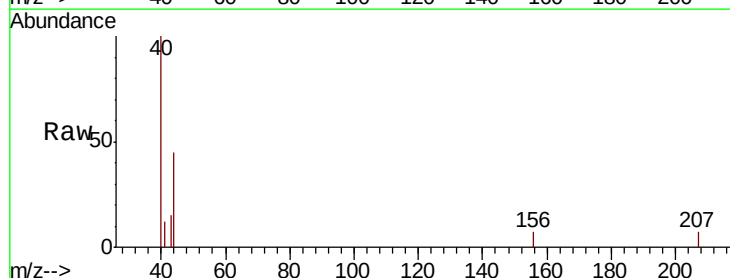
Tgt Ion: 156 Resp: 29

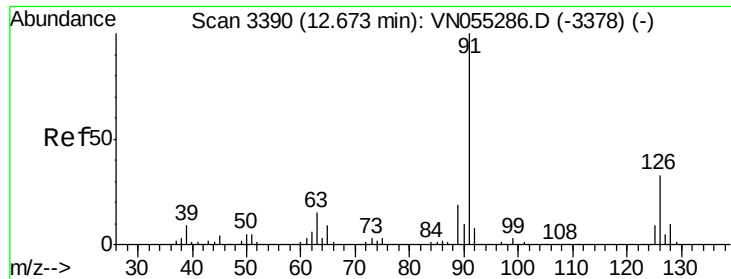
Ion Ratio Lower Upper

156 100

77 0.0 99.6 298.8#

158 0.0 49.3 147.8#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.67 min Scan# 3388

Delta R.T. -0.01 min

Lab File: VN055343.D

Acq: 2 May 2019 12:03

Instrument :

MSVOA_N

ClientSampled :

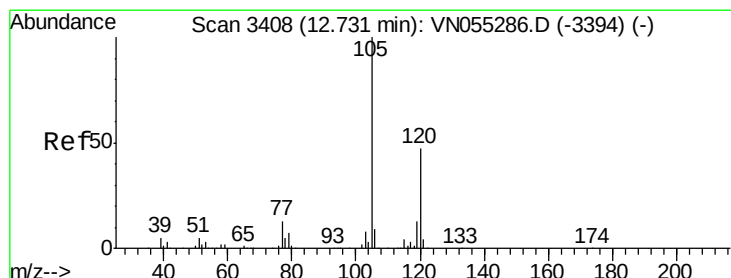
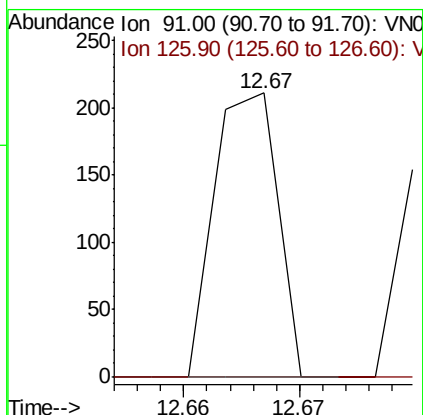
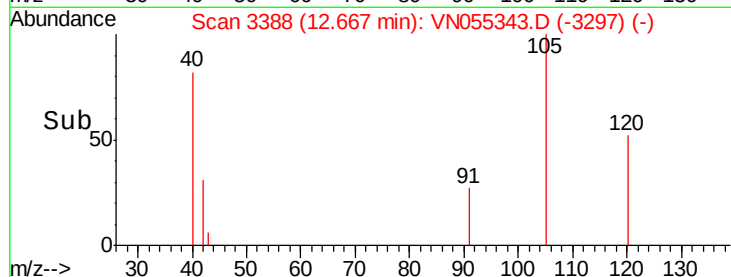
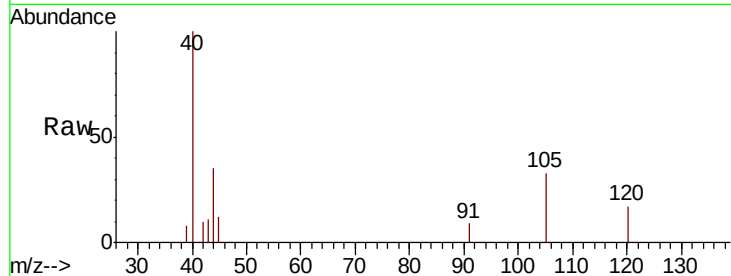
DRUM-1-4

Tot Ion: 91 Resp: 79

Ion Ratio Lower Upper

91 100

126 0.0 16.6 49.7#



#80

1,3,5-Trimethylbenzene

Concen: 0.351 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055343.D

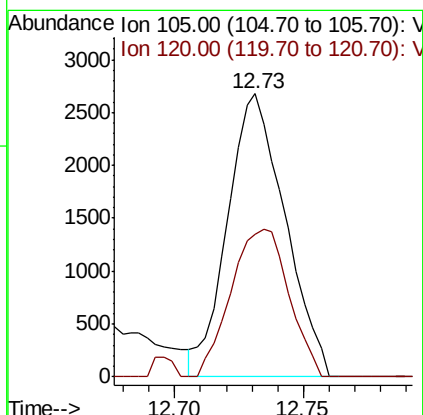
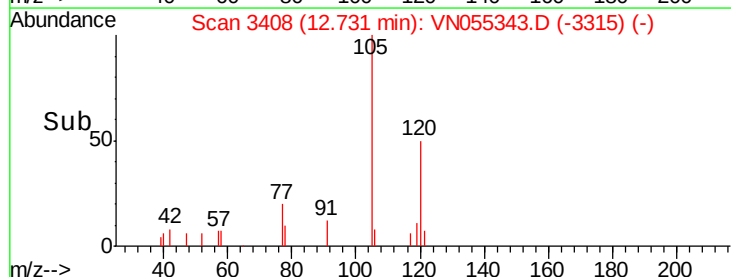
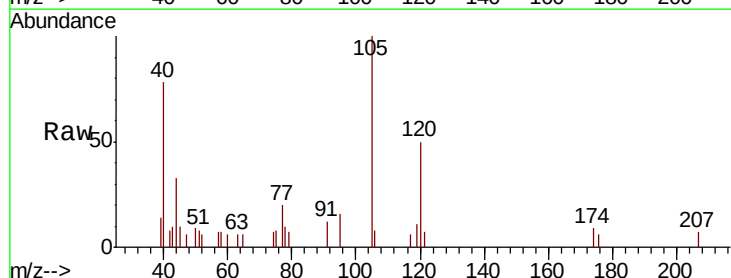
Acq: 2 May 2019 12:03

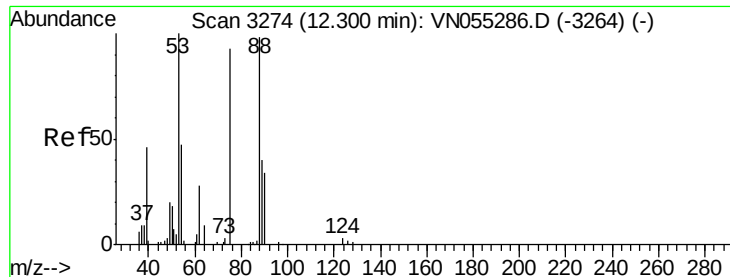
Tgt Ion: 105 Resp: 4163

Ion Ratio Lower Upper

105 100

120 52.6 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 142.334 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055343.D

Acq: 2 May 2019 12:03

Instrument :

MSVOA_N

ClientSampled :

DRUM-1-4

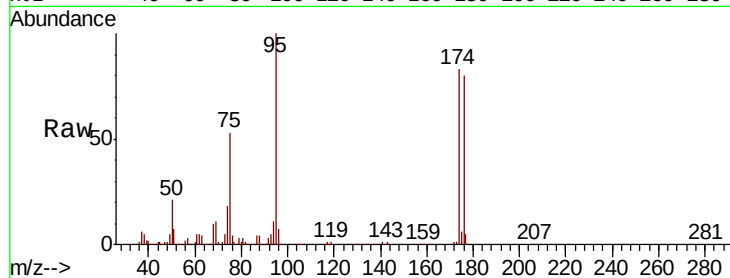
Tot Ion: 75 Resp: 113744

Ion Ratio Lower Upper

75 100

53 0.0 86.3 129.5#

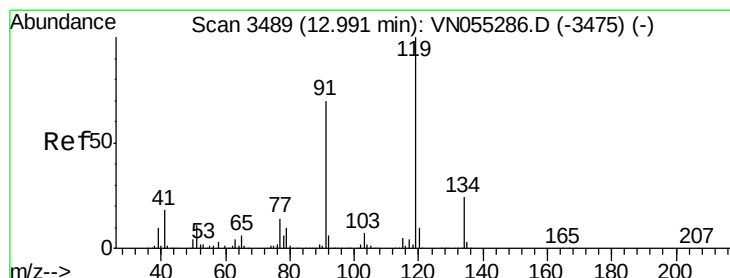
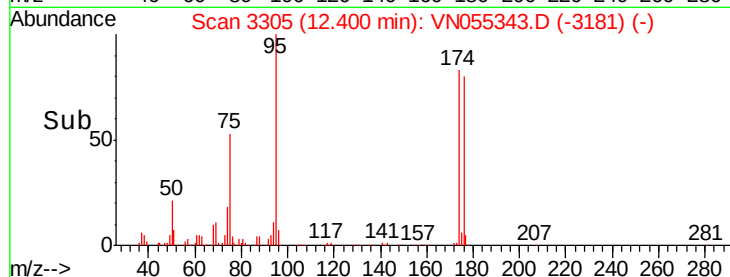
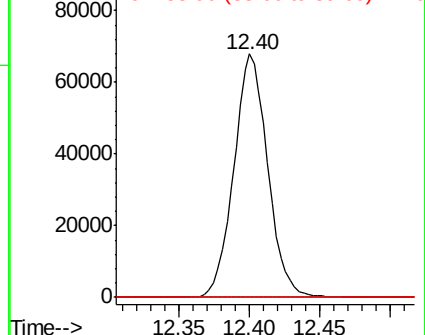
89 0.0 34.6 51.8#



Abundance Ion 74.90 (74.60 to 75.60): VN055343.D (-3305) (-)

Ion 53.00 (52.70 to 53.70): VN055343.D (-3305) (-)

Ion 88.90 (88.60 to 89.60): VN055343.D (-3305) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.05 min Scan# 3506

Delta R.T. 0.06 min

Lab File: VN055343.D

Acq: 2 May 2019 12:03

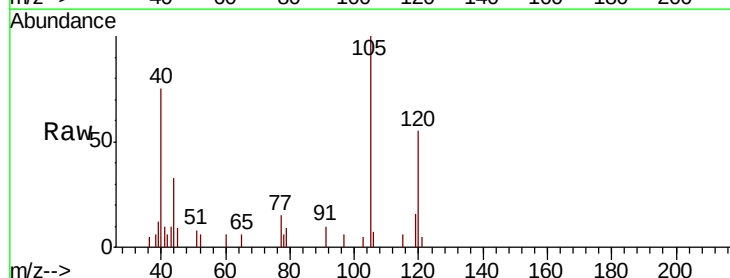
Tgt Ion: 119 Resp: 791

Ion Ratio Lower Upper

119 100

91 72.6 34.3 102.9

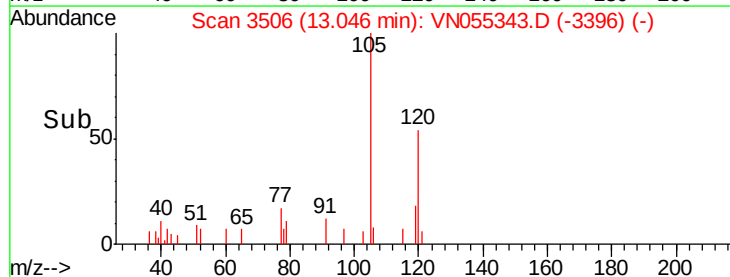
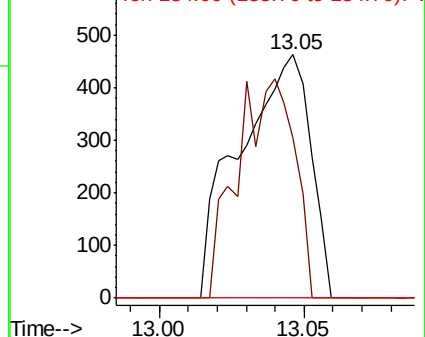
134 0.0 13.1 39.3#

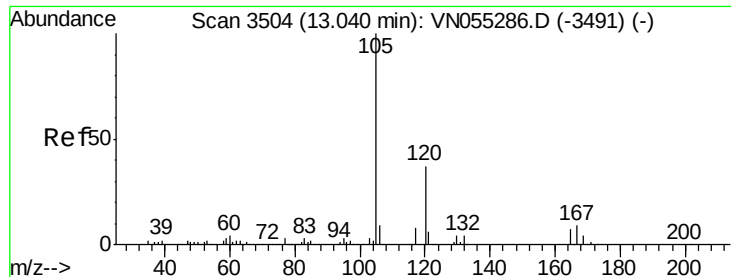


Abundance Ion 119.00 (118.70 to 119.70): VN055343.D (-3506) (-)

Ion 91.00 (90.70 to 91.70): VN055343.D (-3506) (-)

Ion 134.00 (133.70 to 134.70): VN055343.D (-3506) (-)





#84

1,2,4-Trimethylbenzene

Concen: 0.537 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055343.D

Acq: 2 May 2019 12:03

Instrument :

MSVOA_N

ClientSampleId :

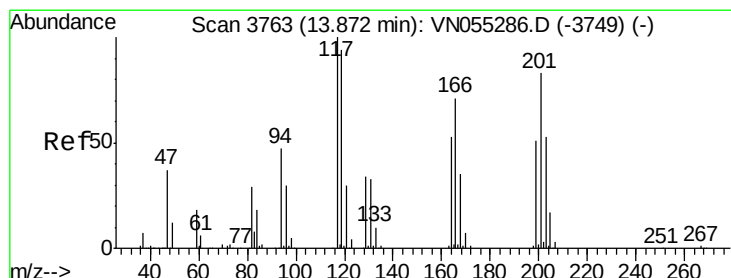
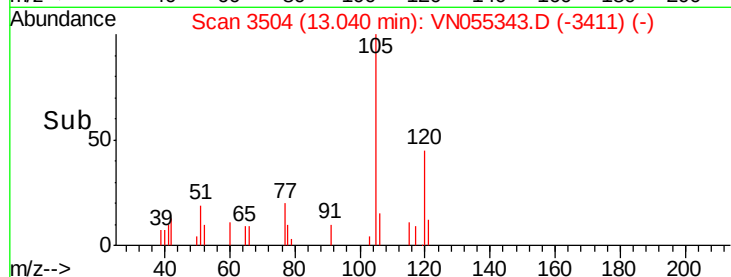
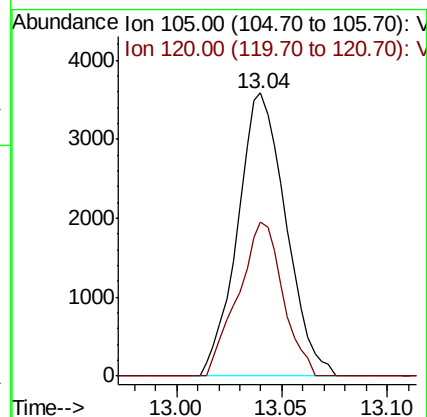
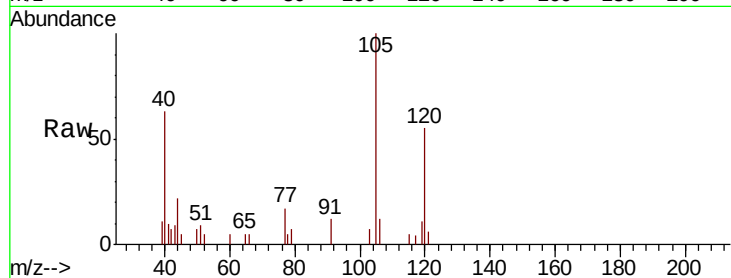
DRUM-1-4

Tot Ion:105 Resp: 5701

Ion Ratio Lower Upper

105 100

120 50.3 22.1 66.5



#90

Hexachloroethane

Concen: Below Cal

RT: 13.90 min Scan# 3771

Delta R.T. 0.03 min

Lab File: VN055343.D

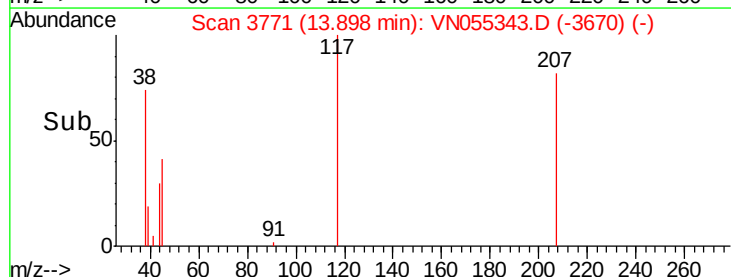
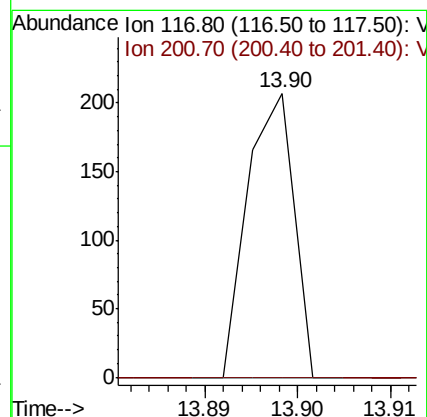
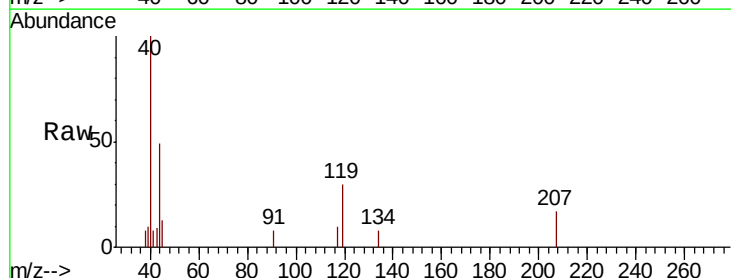
Acq: 2 May 2019 12:03

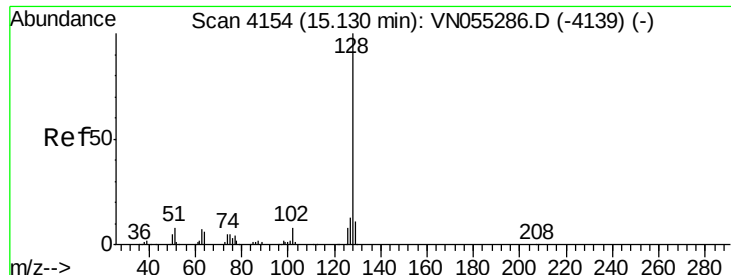
Tgt Ion:117 Resp: 72

Ion Ratio Lower Upper

117 100

201 0.0 41.9 125.8#





#95

Naphthalene

Concen: 4.321 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055343.D

Acq: 2 May 2019 12:03

Instrument :

MSVOA_N

ClientSampleId :

DRUM-1-4

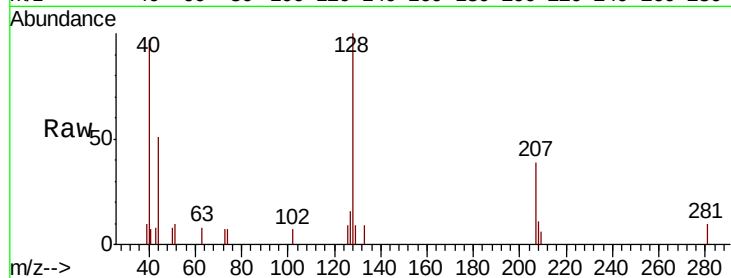
Tot Ion:128 Resp: 4475

Ion Ratio Lower Upper

128 100

127 10.0 10.7 16.1#

129 7.4 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

