

Data File : VN055654.D
Acq On : 18 May 2019 9:38
Operator : JC/SP
Sample : K2643-06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 62 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
OR-02-051619-A

Quant Time: May 20 02:20:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	410851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	585902	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	502275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	216108	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	192928	42.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.68%	
35) Dibromofluoromethane	7.59	113	179834	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
50) Toluene-d8	10.09	98	672927	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
62) 4-Bromofluorobenzene	12.40	95	225791	46.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.92%	

Target Compounds						Qvalue
14) Allyl chloride	4.56	41	9581	1.582	ug/l #	26
16) Acetone	3.82	43	10547	5.738	ug/l	93
18) Methyl Acetate	4.34	43	1188	0.301	ug/l #	50
20) Methylene Chloride	4.56	84	289173	68.941	ug/l	97
25) 2-Butanone	6.86	43	1453	0.565	ug/l #	47
29) Tetrahydrofuran	7.22	42	509	0.299	ug/l #	85
31) Cyclohexane	7.67	56	6131	0.918	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	24205	4.634	ug/l #	49
37) Ethyl Acetate	6.86	43	1453	0.308	ug/l #	67
38) Carbon Tetrachloride	7.67	117	33515	6.004	ug/l #	15
40) Benzene	8.05	78	8807	0.573	ug/l	93
43) Isopropyl Acetate	8.17	43	17601	2.147	ug/l #	84
45) 1,2-Dichloropropane	9.27	63	1310	0.324	ug/l #	43
48) Methyl methacrylate	9.18	41	6163	1.682	ug/l #	11
51) 4-Methyl-2-Pentanone	10.02	43	6763	1.406	ug/l #	34
52) Toluene	10.15	92	2205	0.229	ug/l	96
54) cis-1,3-Dichloropropene	9.90	75	54080	8.261	ug/l #	56
57) 1,3-Dichloropropane	10.76	76	10717	1.706	ug/l #	42
59) 2-Hexanone	10.76	43	132806	39.219	ug/l #	49
71) Bromoform	12.40	173	1611	0.465	ug/l #	1
73) Isopropylbenzene	12.25	105	264	Below Cal	#	48
74) N-amyl acetate	11.88	43	13170	2.170	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	103650	23.505	ug/l #	100
79) 2-Chlorotoluene	12.67	91	66	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	5221	Below Cal		98
81) trans-1,4-Dichloro-2-buten	12.40	75	103650	60.421	ug/l #	17
83) tert-Butylbenzene	13.00	119	29	Below Cal	#	1
84) 1,2,4-Trimethylbenzene	13.04	105	2187	Below Cal		97
85) sec-Butylbenzene	13.17	105	285	Below Cal	#	56
86) p-Isopropyltoluene	13.29	119	620	Below Cal	#	51
90) Hexachloroethane	13.95	117	143	Below Cal	#	3
95) Naphthalene	15.13	128	4813	2.177	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051719\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration

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

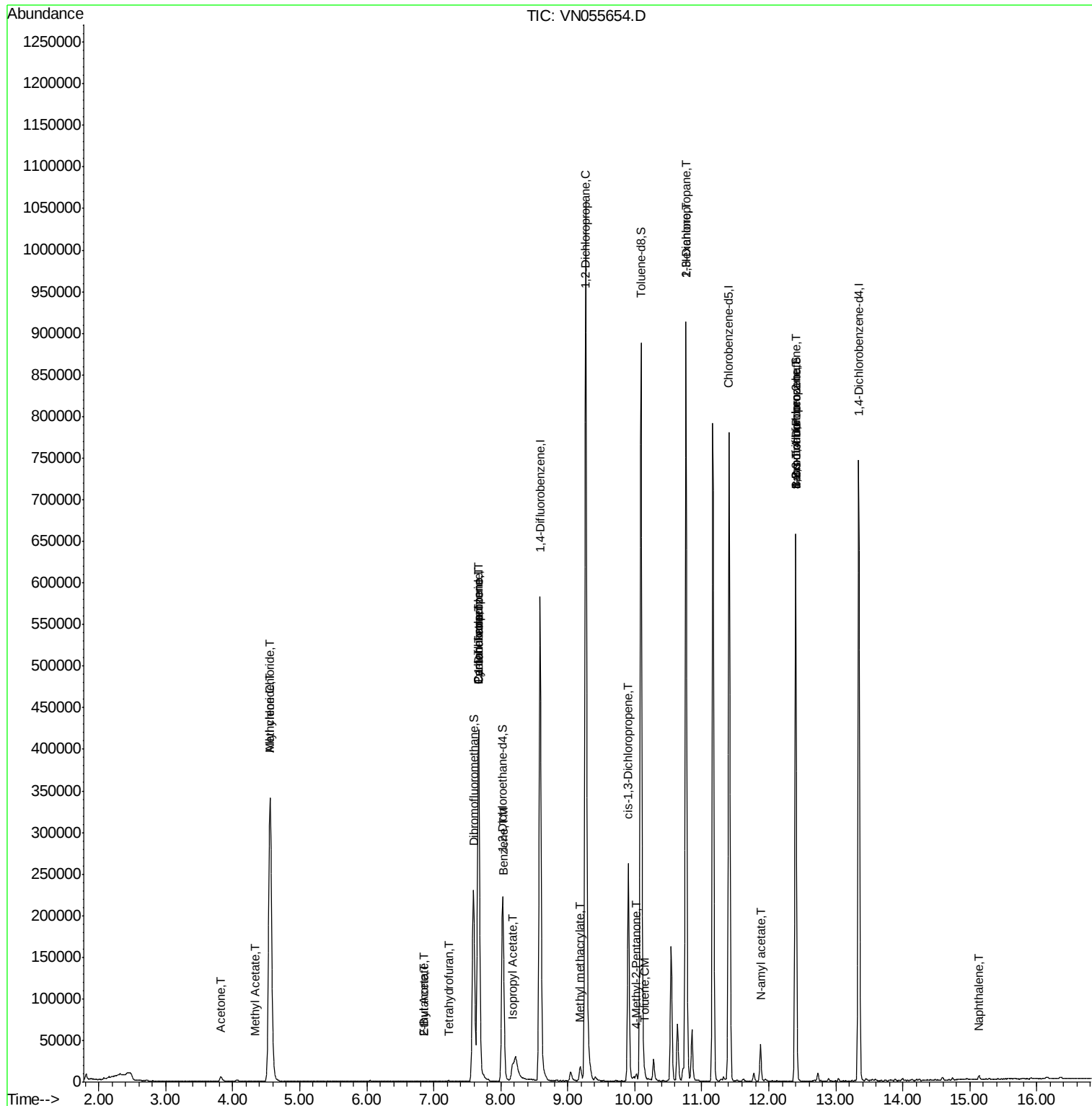
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

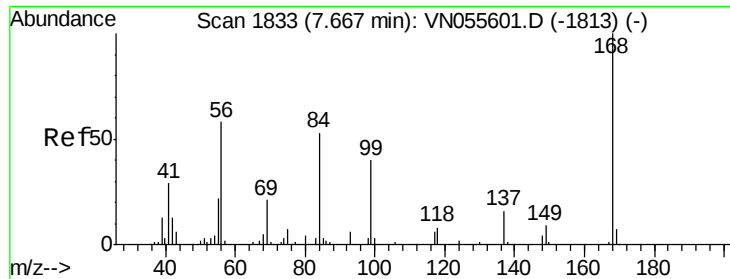
Data File : VN055654.D

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Acq On       : 18 May 2019    9:38
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Misc         : 5.00mL/MSVOA_N/WATER
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Instrument :
MSVOA_N
ClientSampleId :
OR-02-051619-A

Quant Time: May 20 02:20:15 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
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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: VN055654.D

Acq: 18 May 2019 9:38

Instrument :

MSVOA_N

ClientSampleId :

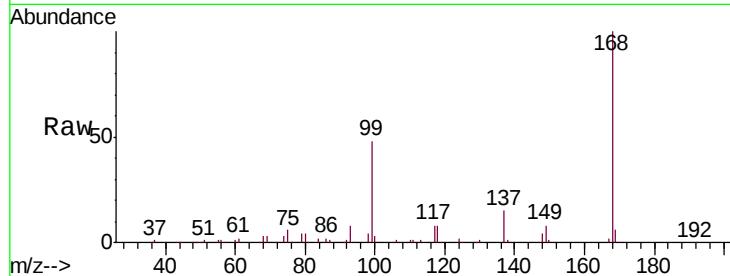
OR-02-051619-A

Tgt Ion:168 Resp: 410851

Ion Ratio Lower Upper

168 100

99 47.8 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN055601.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN055601.D (-1813) (-)

7.67

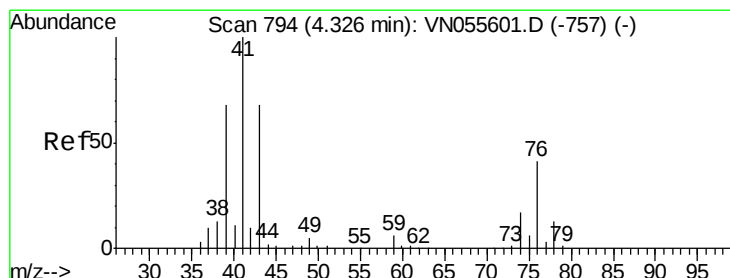
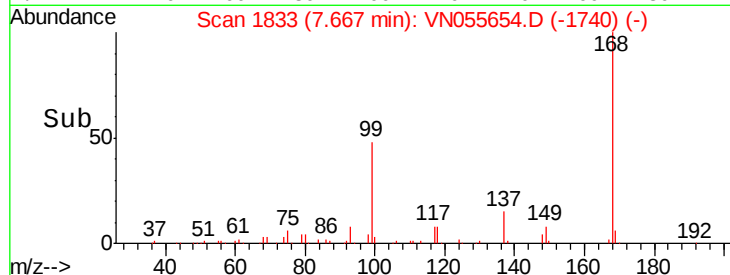
150000

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 1.582 ug/l

RT: 4.56 min Scan# 867

Delta R.T. 0.23 min

Lab File: VN055654.D

Acq: 18 May 2019 9:38

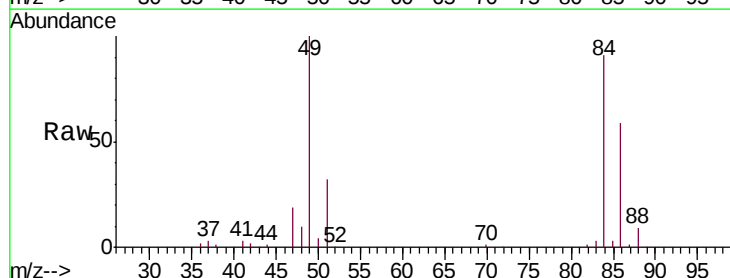
Tgt Ion: 41 Resp: 9581

Ion Ratio Lower Upper

41 100

39 0.0 50.5 75.7#

76 0.0 29.2 43.8#



Abundance Ion 41.00 (40.70 to 41.70): VN055601.D (-757) (-)

Ion 39.00 (38.70 to 39.70): VN055601.D (-757) (-)

Ion 75.90 (75.60 to 76.60): VN055601.D (-757) (-)

4.56

4000

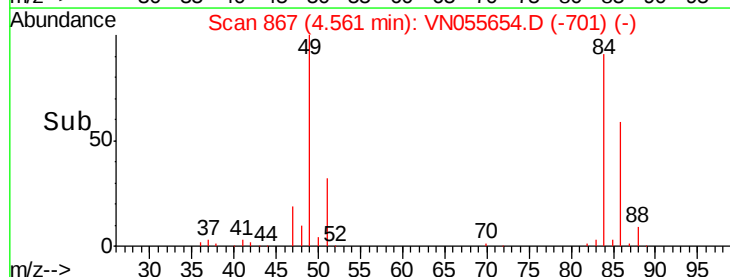
3000

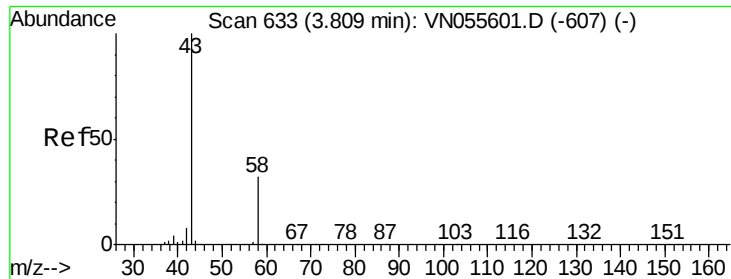
2000

1000

0

Time-->





#16

Acetone

Concen: 5.738 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN055654.D

Acq: 18 May 2019 9:38

Instrument :

MSVOA_N

ClientSampleId :

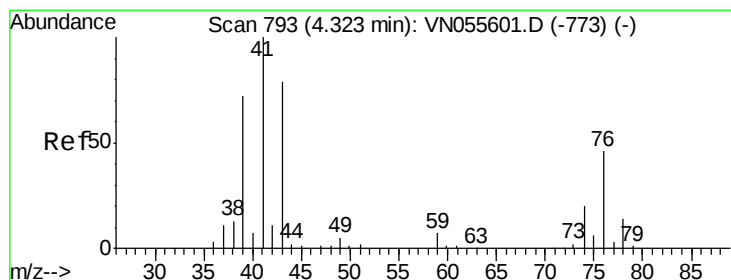
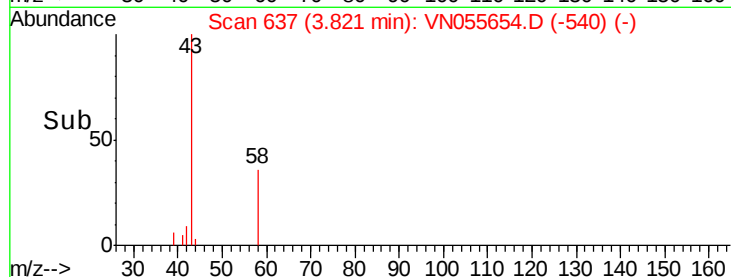
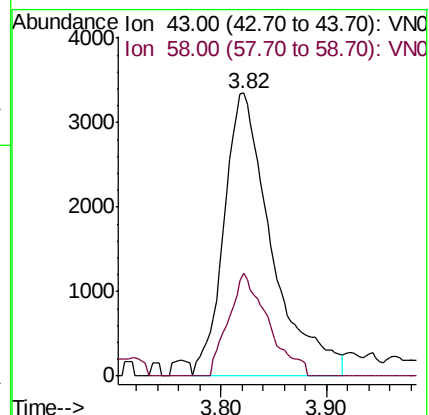
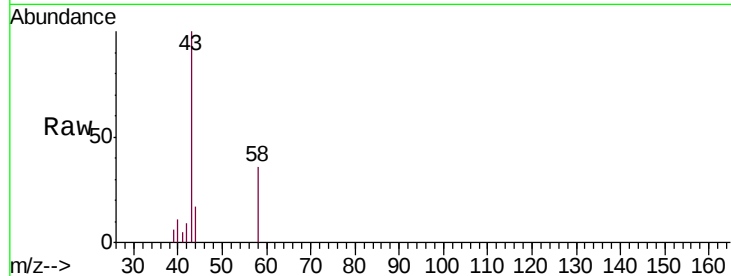
OR-02-051619-A

Tgt Ion: 43 Resp: 10547

Ion Ratio Lower Upper

43 100

58 36.3 26.0 39.0



#18

Methyl Acetate

Concen: 0.301 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.02 min

Lab File: VN055654.D

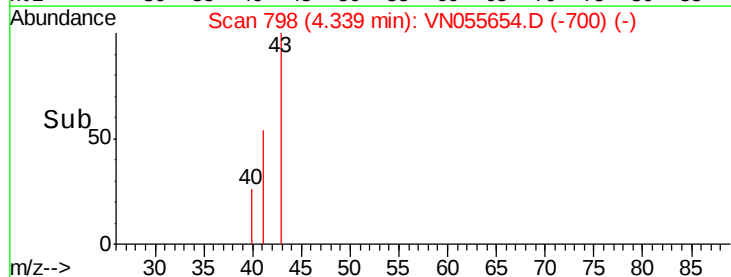
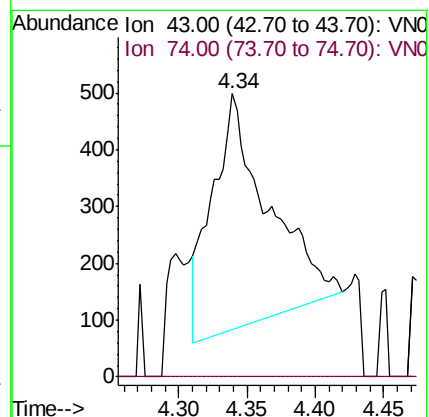
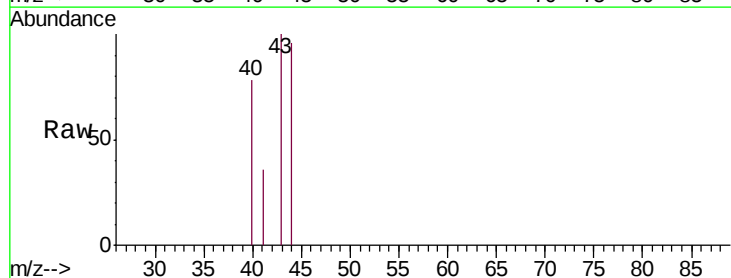
Acq: 18 May 2019 9:38

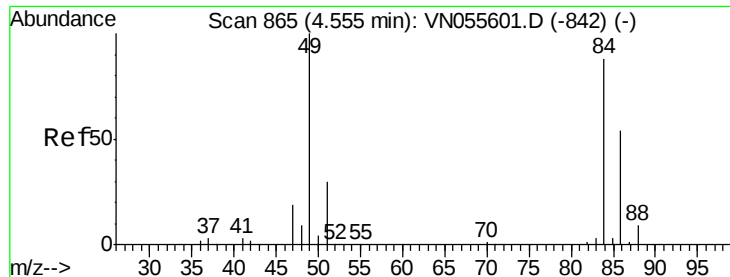
Tgt Ion: 43 Resp: 1188

Ion Ratio Lower Upper

43 100

74 0.0 19.9 29.9#

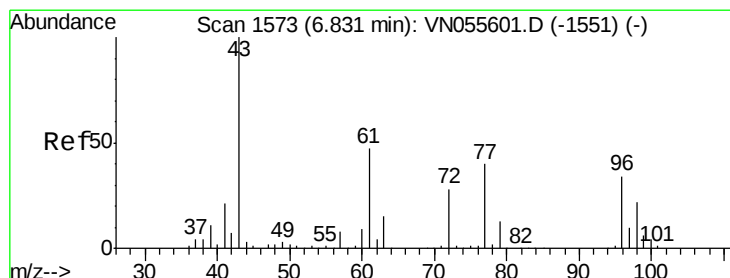
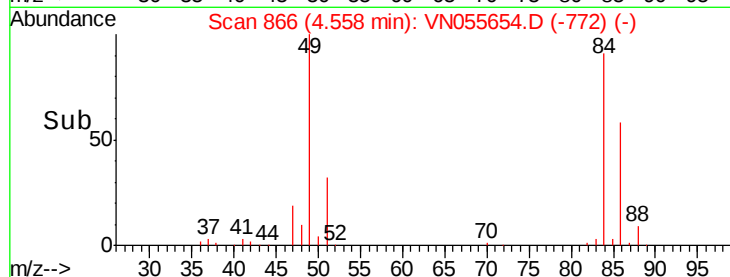
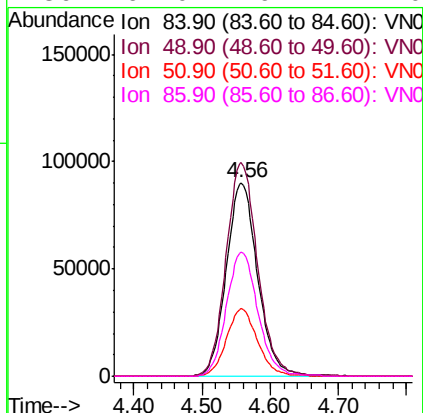
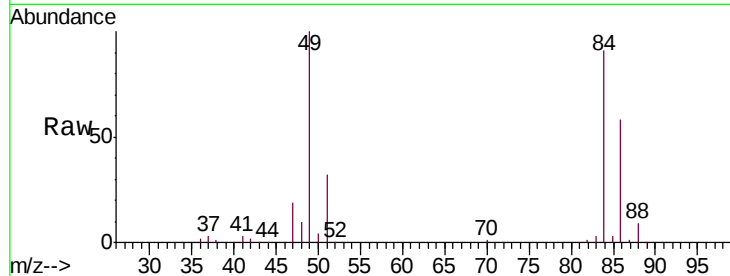




#20
Methylene Chloride
Concen: 68.941 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN055654.D
Acq: 18 May 2019 9:38

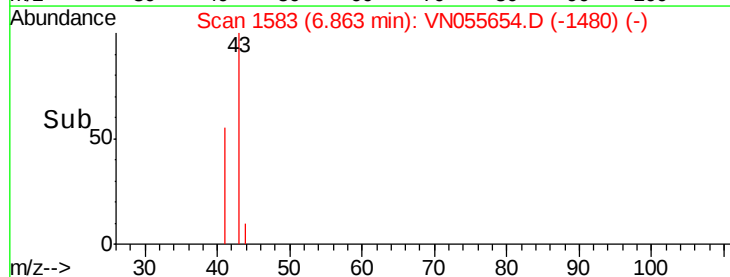
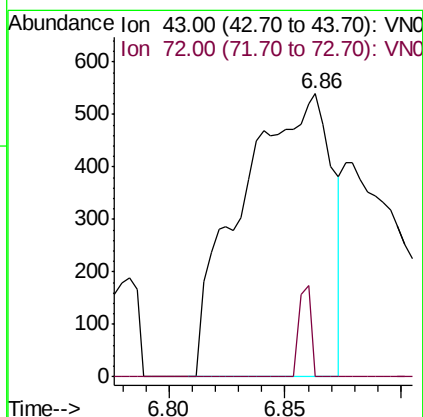
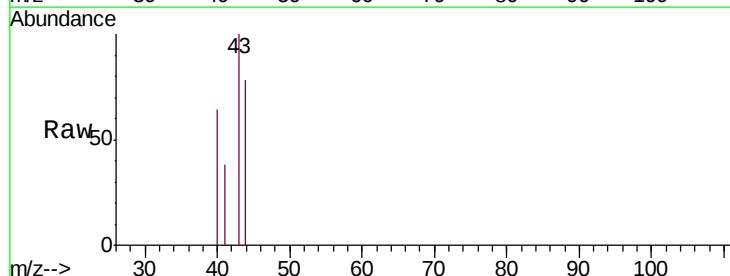
Instrument :
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ClientSampleId :
OR-02-051619-A

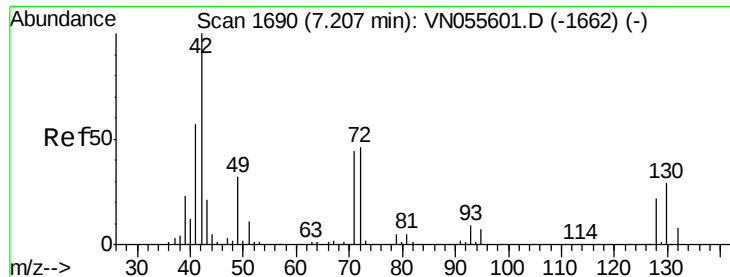
Tgt Ion: 84 Resp: 289173
Ion Ratio Lower Upper
84 100
49 110.5 91.0 136.4
51 35.0 27.5 41.3
86 64.0 49.4 74.0



#25
2-Butanone
Concen: 0.565 ug/l
RT: 6.86 min Scan# 1583
Delta R.T. 0.03 min
Lab File: VN055654.D
Acq: 18 May 2019 9:38

Tgt Ion: 43 Resp: 1453
Ion Ratio Lower Upper
43 100
72 0.0 22.3 33.5#





#29

Tetrahydrofuran

Concen: 0.299 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VN055654.D

Acq: 18 May 2019 9:38

Instrument :

MSVOA_N

ClientSampleId :

OR-02-051619-A

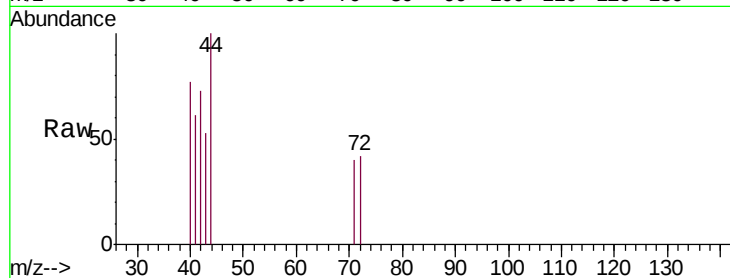
Tgt Ion: 42 Resp: 509

Ion Ratio Lower Upper

42 100

72 32.4 36.5 54.7#

71 37.9 34.9 52.3

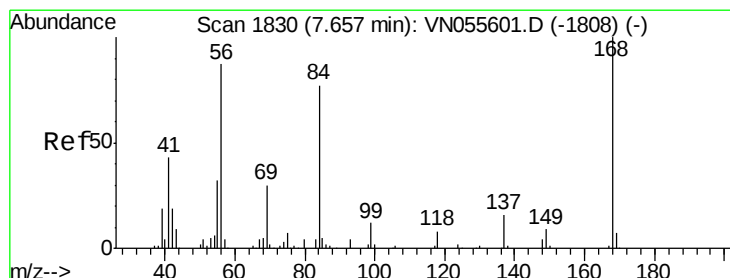
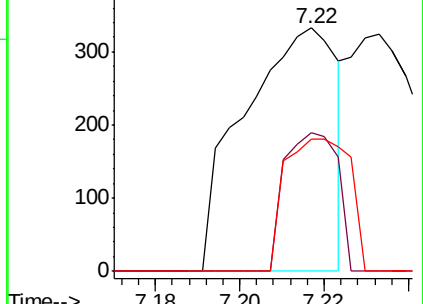
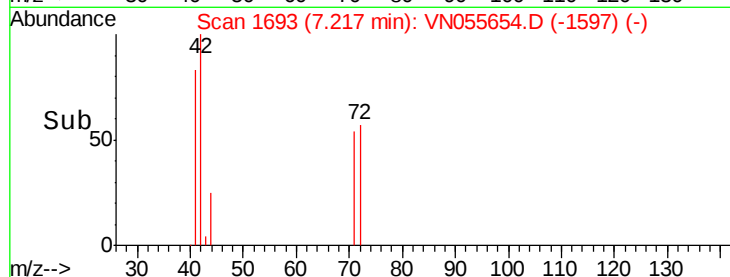


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

Time-->



#31

Cyclohexane

Concen: 0.918 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.01 min

Lab File: VN055654.D

Acq: 18 May 2019 9:38

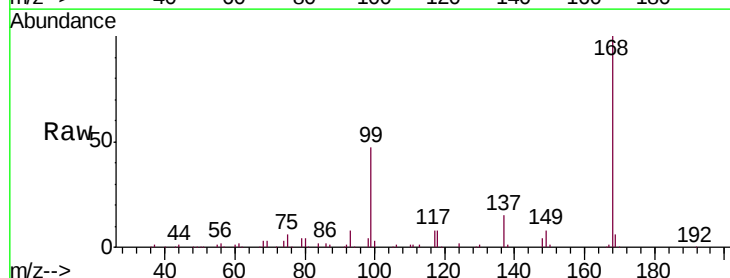
Tgt Ion: 56 Resp: 6131

Ion Ratio Lower Upper

56 100

69 187.0 27.2 40.8#

84 154.1 71.3 106.9#

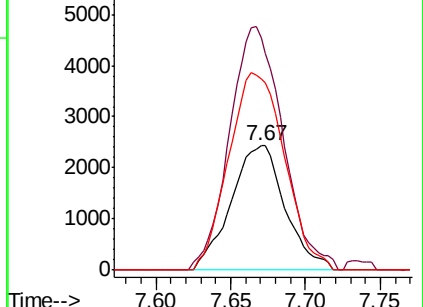
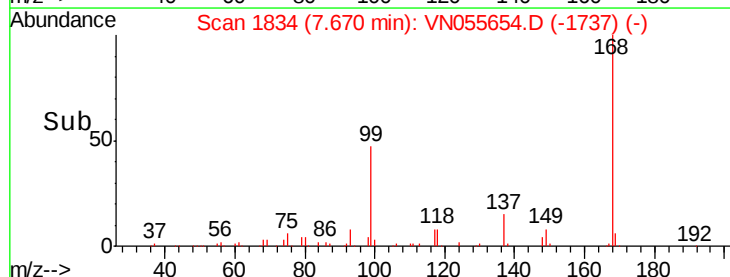


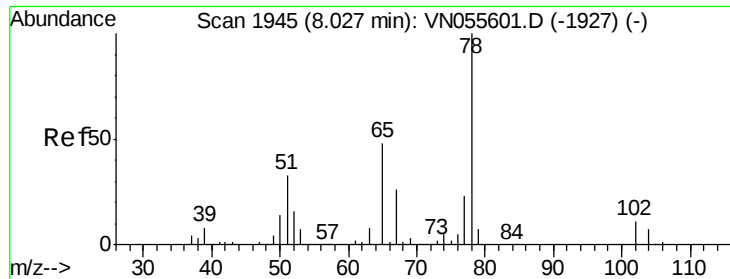
Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

Time-->

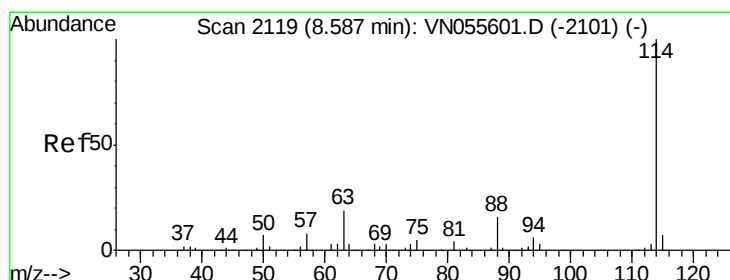
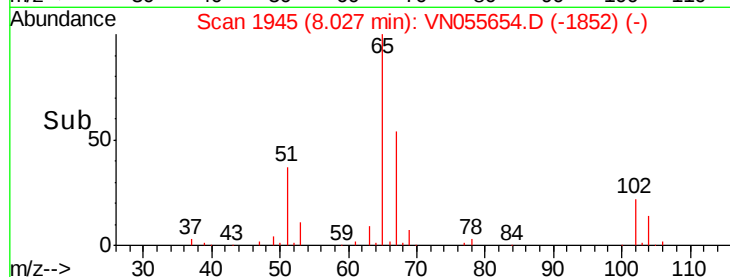
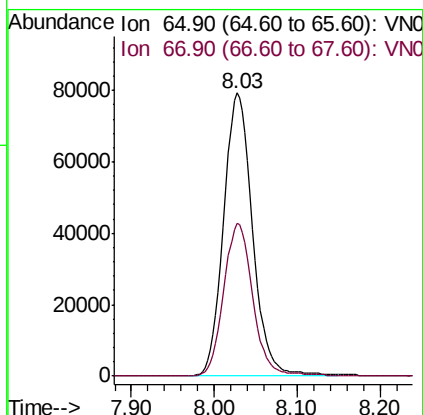
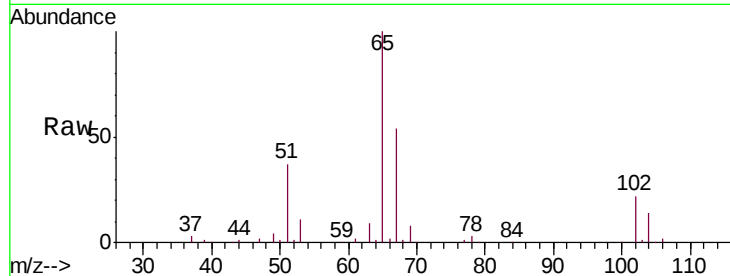




#33
 1,2-Dichloroethane-d4
 Concen: 42.837 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055654.D
 Acq: 18 May 2019 9:38

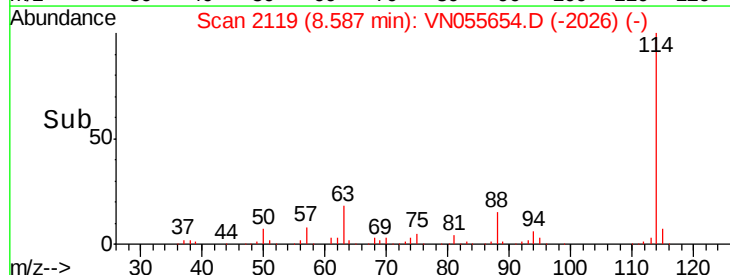
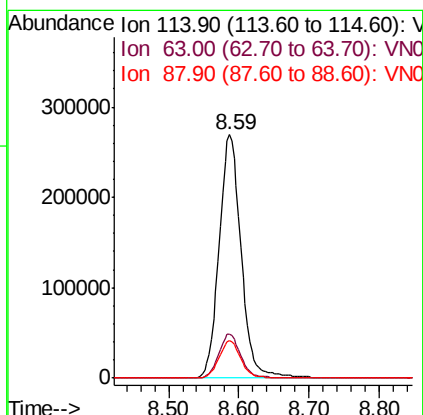
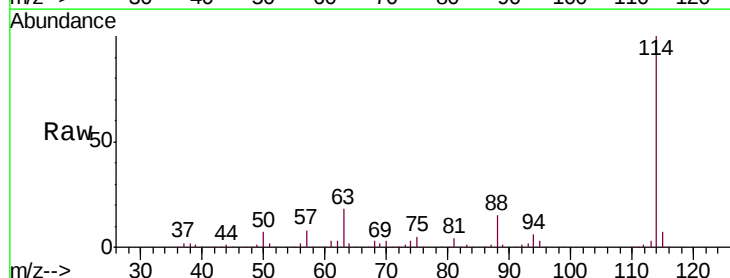
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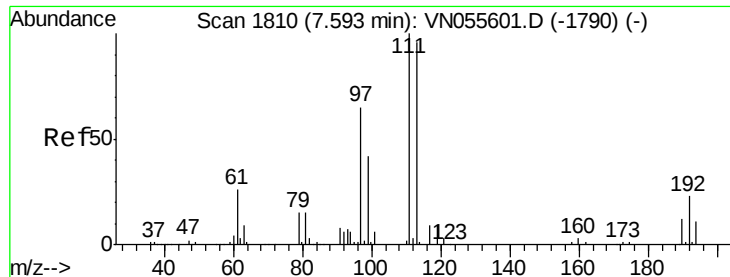
Tgt Ion: 65 Resp: 192928
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055654.D
 Acq: 18 May 2019 9:38

Tgt Ion: 114 Resp: 585902
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 38.2
 88 15.3 0.0 31.0





#35

Dibromofluoromethane

Concen: 48.318 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN055654.D

Acq: 18 May 2019 9:38

Instrument :

MSVOA_N

ClientSampleId :

OR-02-051619-A

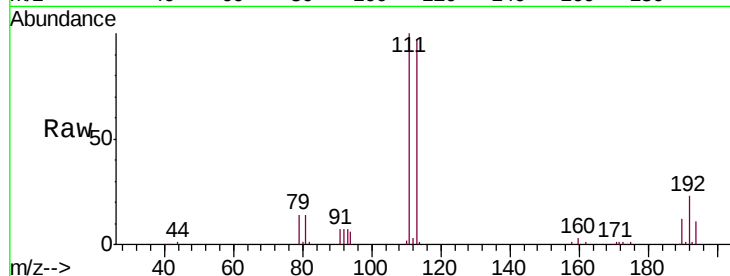
Tgt Ion: 113 Resp: 179834

Ion Ratio Lower Upper

113 100

111 102.1 82.5 123.7

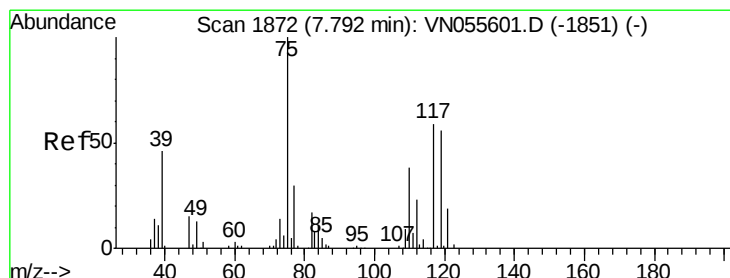
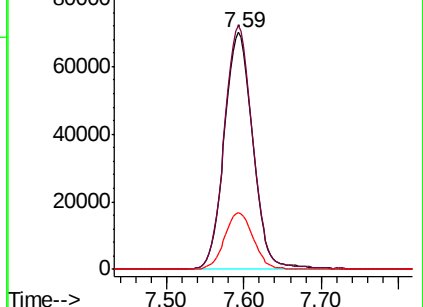
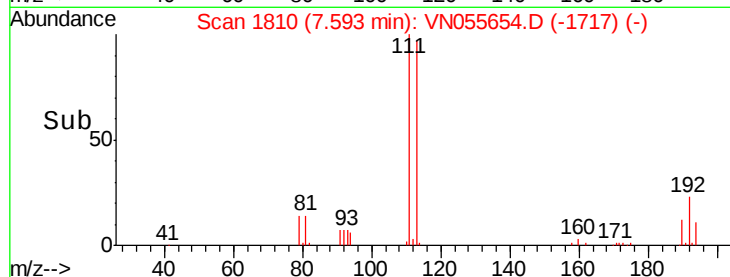
192 24.1 18.7 28.1



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: 4.634 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN055654.D

Acq: 18 May 2019 9:38

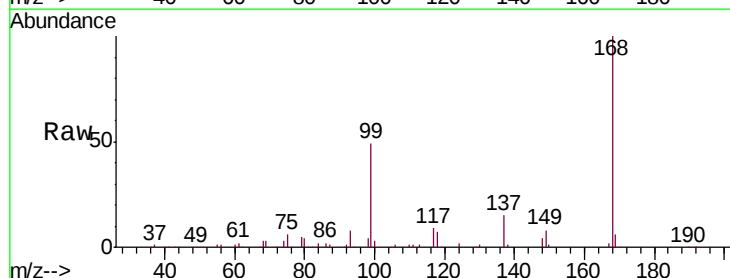
Tgt Ion: 75 Resp: 24205

Ion Ratio Lower Upper

75 100

110 8.9 18.6 55.6#

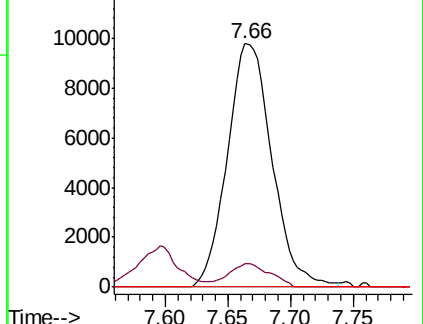
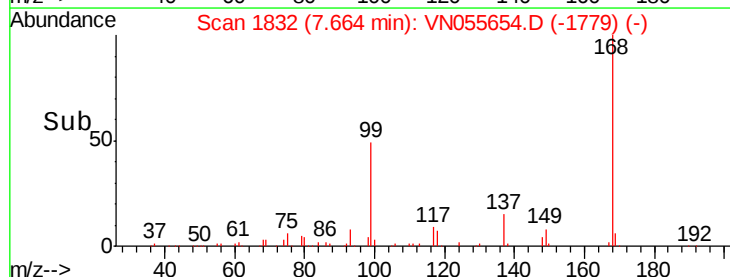
77 0.0 24.9 37.3#

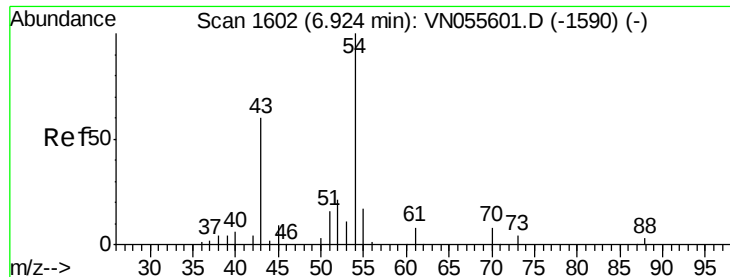


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

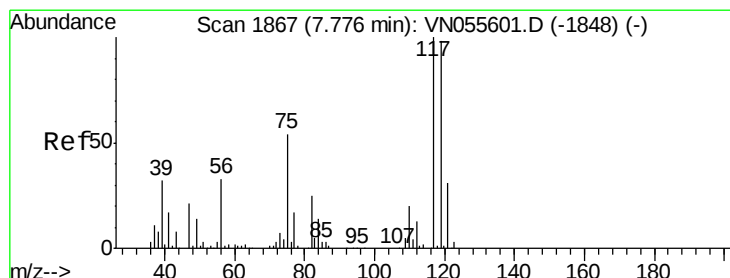
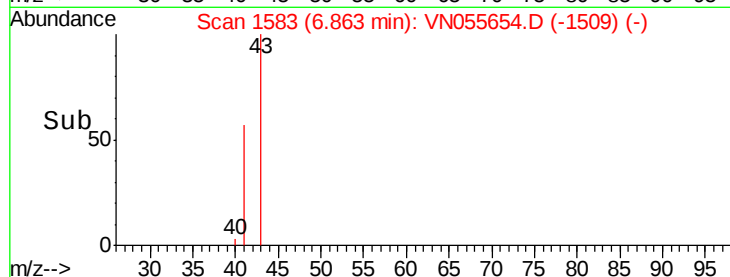
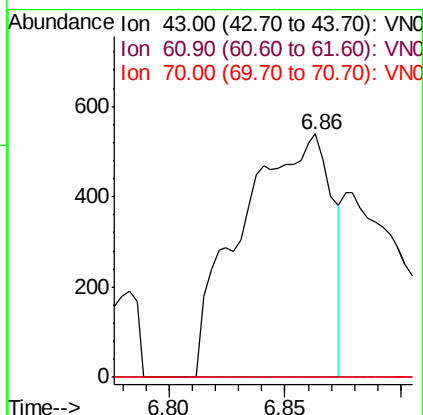
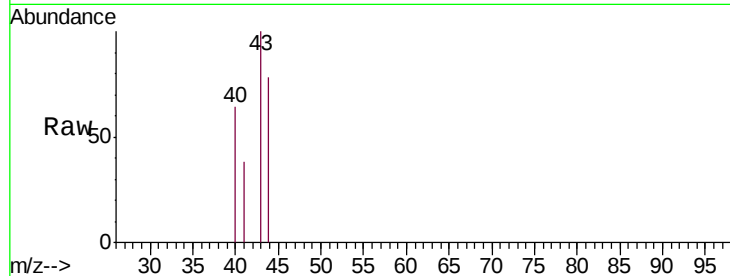




#37
Ethyl Acetate
Concen: 0.308 ug/l
RT: 6.86 min Scan# 1583
Delta R.T. -0.06 min
Lab File: VN055654.D
Acq: 18 May 2019 9:38

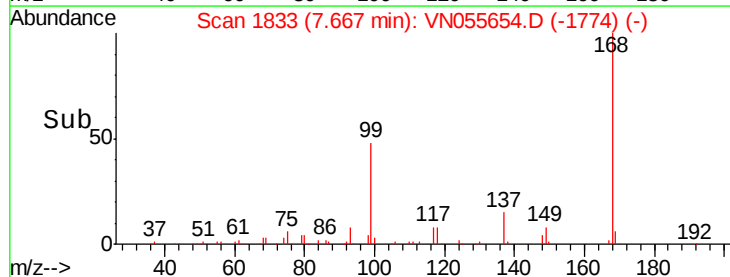
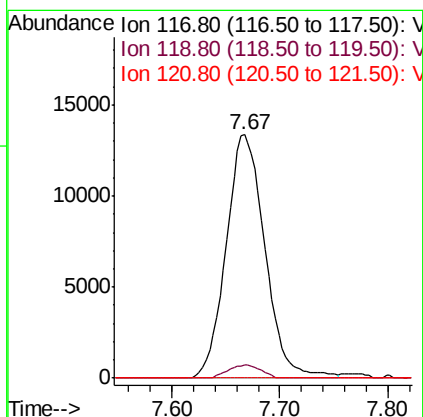
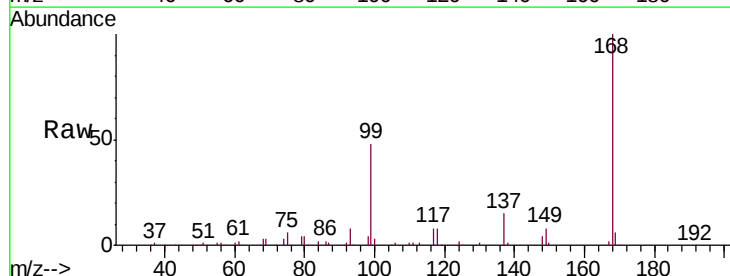
Instrument :
MSVOA_N
ClientSampleId :
OR-02-051619-A

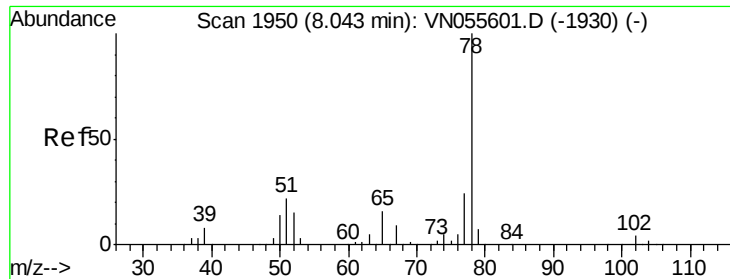
Tgt Ion: 43 Resp: 1453
Ion Ratio Lower Upper
43 100
61 0.0 11.4 17.0#
70 0.0 9.2 13.8#



#38
Carbon Tetrachloride
Concen: 6.004 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN055654.D
Acq: 18 May 2019 9:38

Tgt Ion: 117 Resp: 33515
Ion Ratio Lower Upper
117 100
119 5.2 77.8 116.8#
121 0.0 24.6 37.0#





#40

Benzene

Concen: 0.573 ug/l

RT: 8.05 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VN055654.D

Acq: 18 May 2019 9:38

Instrument :

MSVOA_N

ClientSampleId :

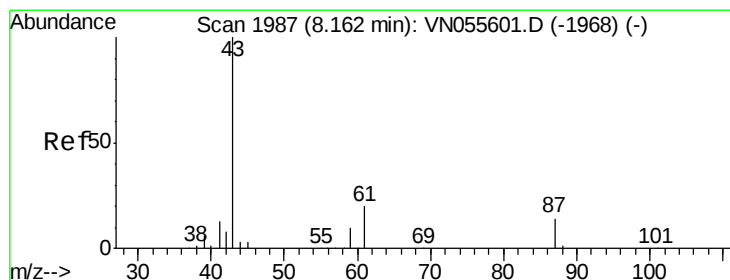
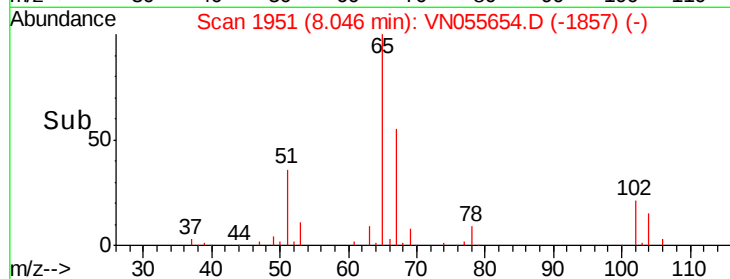
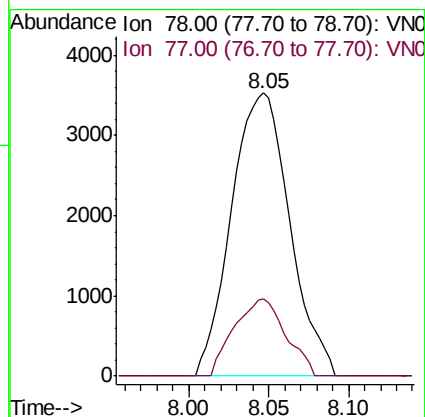
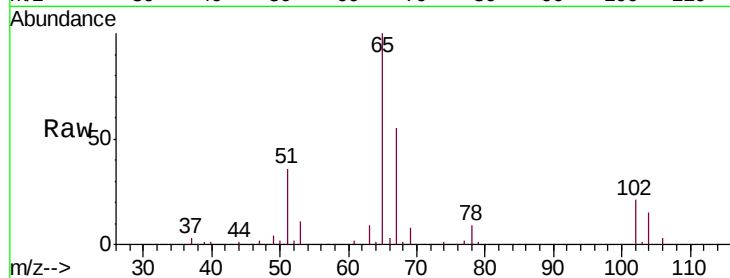
OR-02-051619-A

Tgt Ion: 78 Resp: 8807

Ion Ratio Lower Upper

78 100

77 27.2 18.9 28.3



#43

Isopropyl Acetate

Concen: 2.147 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN055654.D

Acq: 18 May 2019 9:38

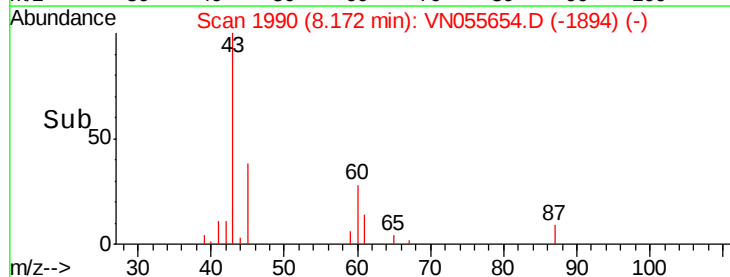
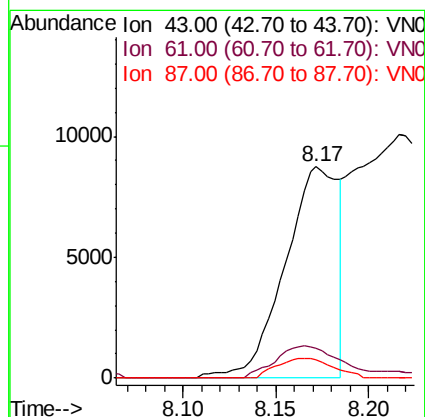
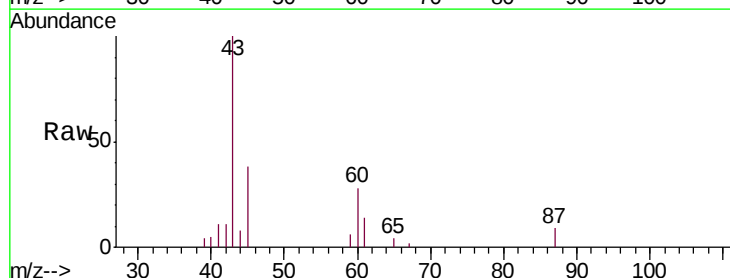
Tgt Ion: 43 Resp: 17601

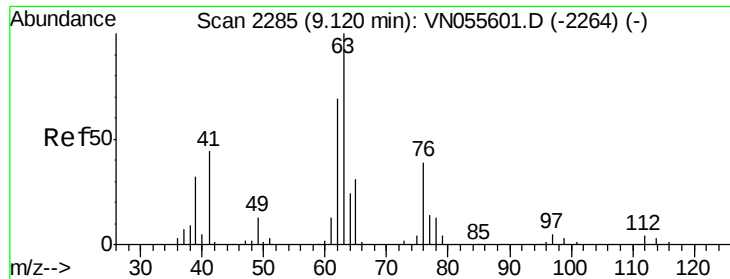
Ion Ratio Lower Upper

43 100

61 18.4 22.1 33.1#

87 9.8 11.8 17.6#

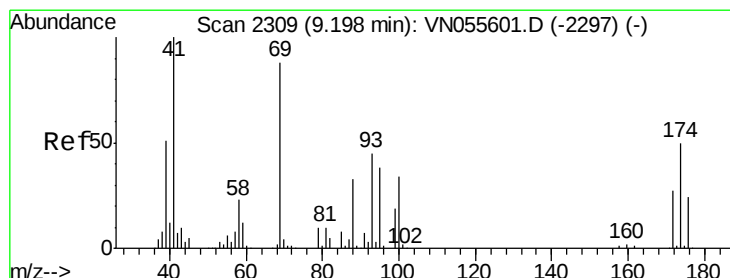
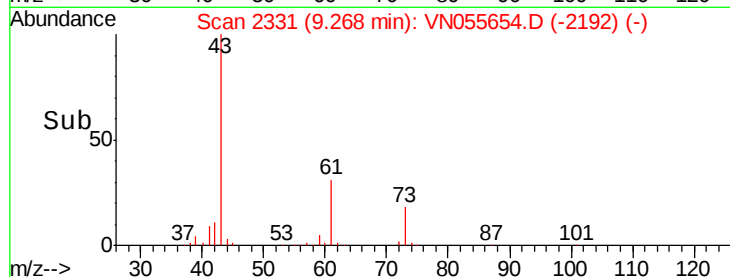
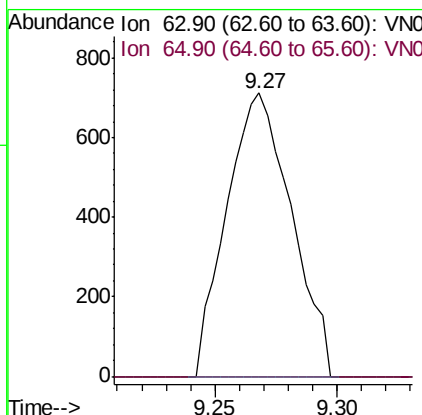
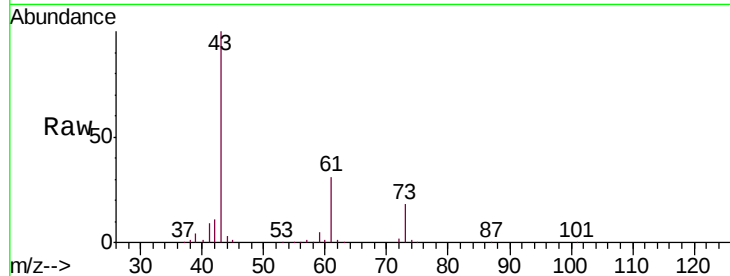




#45
 1,2-Dichloropropane
 Concen: 0.324 ug/l
 RT: 9.27 min Scan# 2331
 Delta R.T. 0.15 min
 Lab File: VN055654.D
 Acq: 18 May 2019 9:38

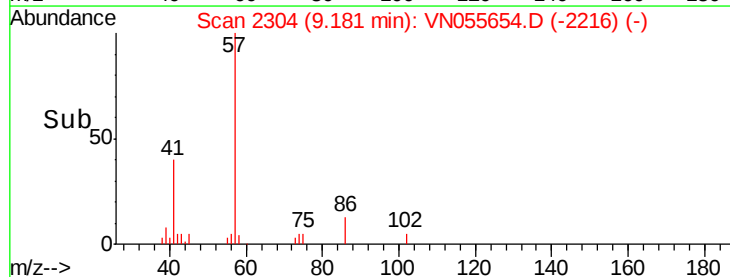
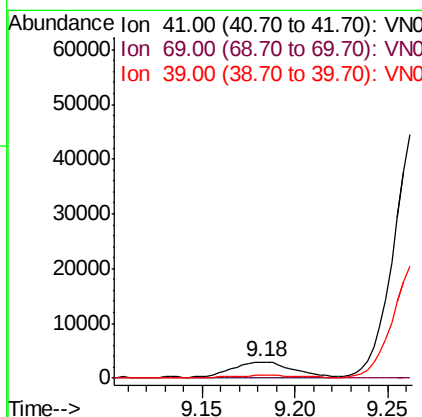
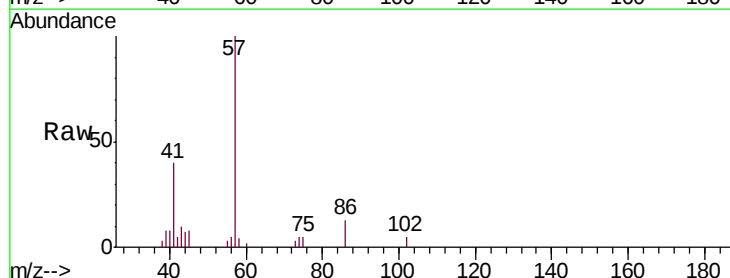
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-051619-A

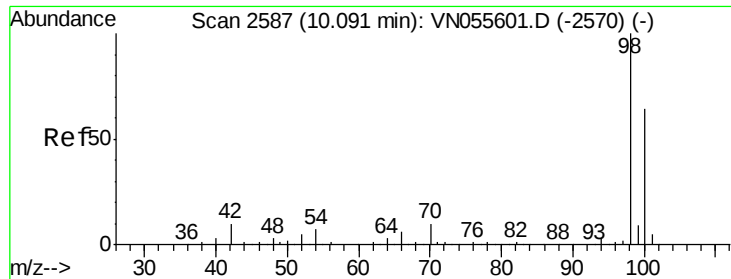
Tgt Ion: 63 Resp: 1310
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.2 37.8#



#48
 Methyl methacrylate
 Concen: 1.682 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. -0.02 min
 Lab File: VN055654.D
 Acq: 18 May 2019 9:38

Tgt Ion: 41 Resp: 6163
 Ion Ratio Lower Upper
 41 100
 69 0.0 74.2 111.2#
 39 0.0 43.8 65.8#





#50

Toluene-d8

Concen: 47.817 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055654.D

Acq: 18 May 2019 9:38

Instrument :

MSVOA_N

ClientSampleId :

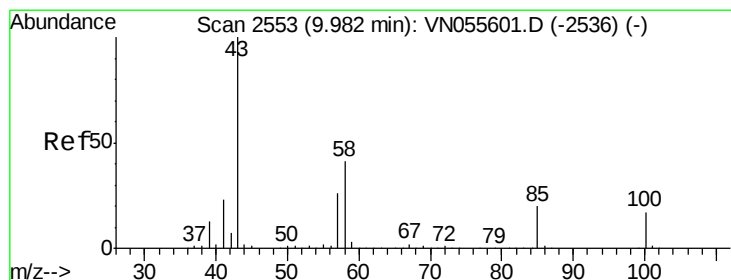
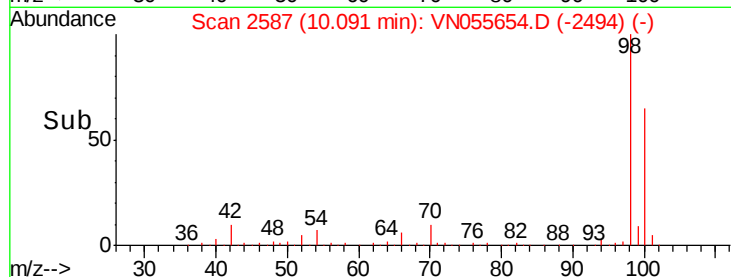
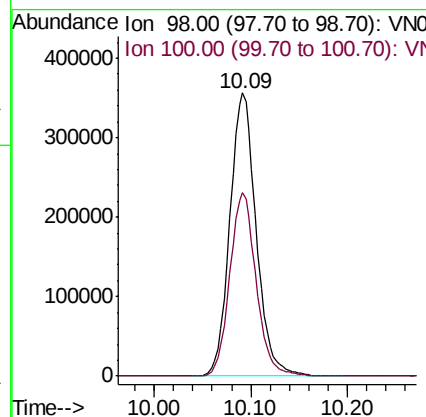
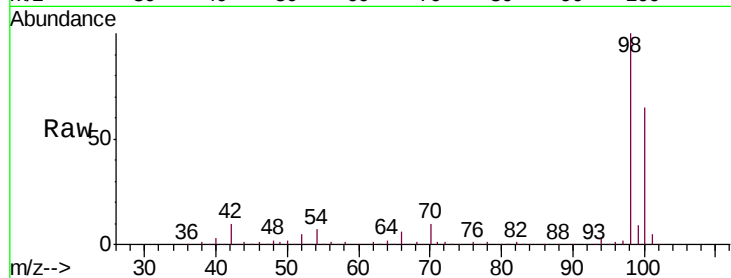
OR-02-051619-A

Tgt Ion: 98 Resp: 672927

Ion Ratio Lower Upper

98 100

100 64.8 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 1.406 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN055654.D

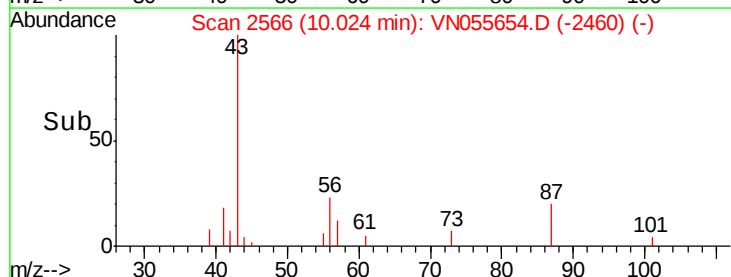
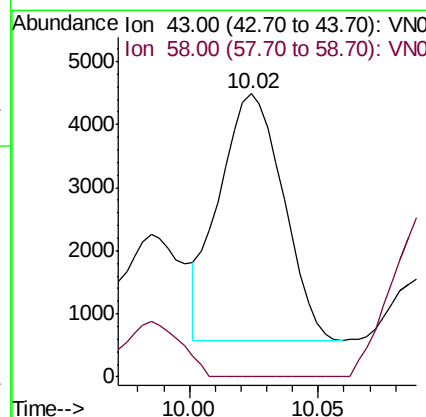
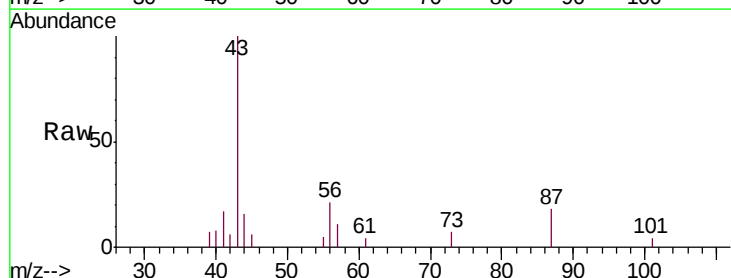
Acq: 18 May 2019 9:38

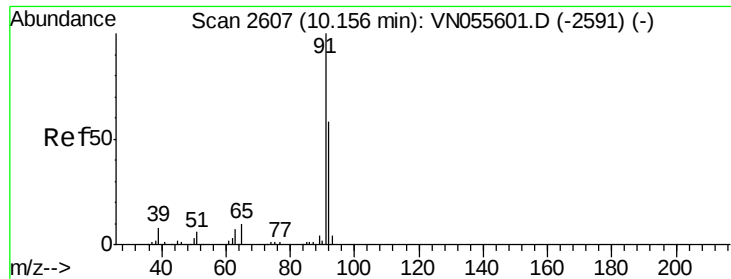
Tgt Ion: 43 Resp: 6763

Ion Ratio Lower Upper

43 100

58 0.0 32.7 49.1#





#52

Toluene

Concen: 0.229 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN055654.D

Acq: 18 May 2019 9:38

Instrument :

MSVOA_N

ClientSampleId :

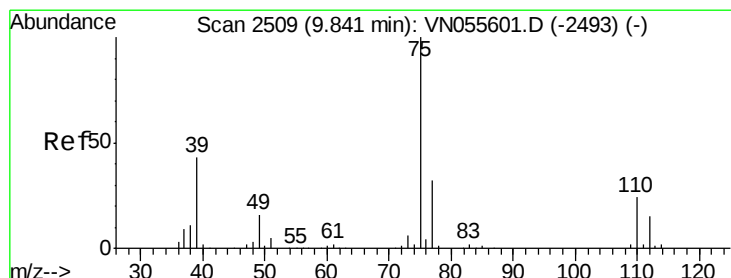
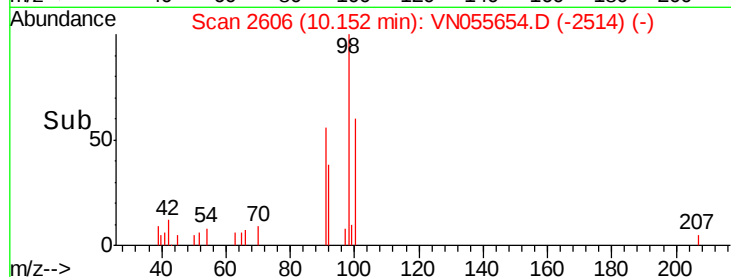
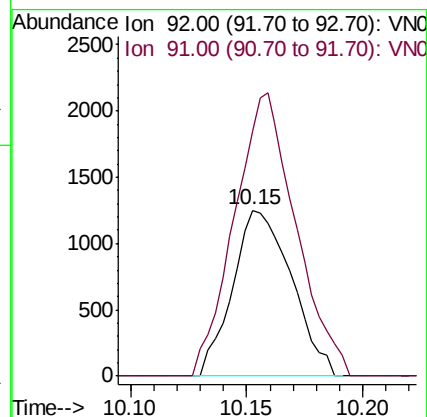
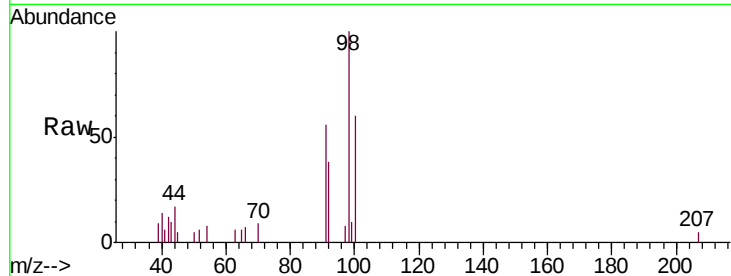
OR-02-051619-A

Tgt Ion: 92 Resp: 2205

Ion Ratio Lower Upper

92 100

91 178.5 138.9 208.3



#54

cis-1,3-Dichloropropene

Concen: 8.261 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN055654.D

Acq: 18 May 2019 9:38

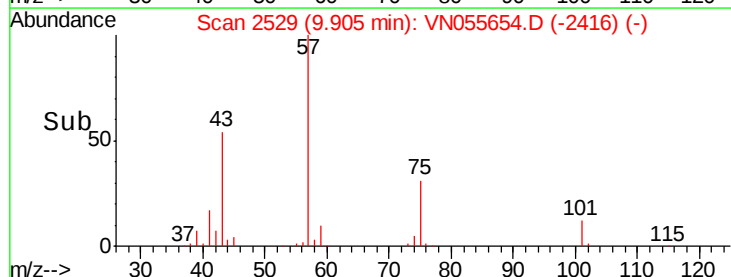
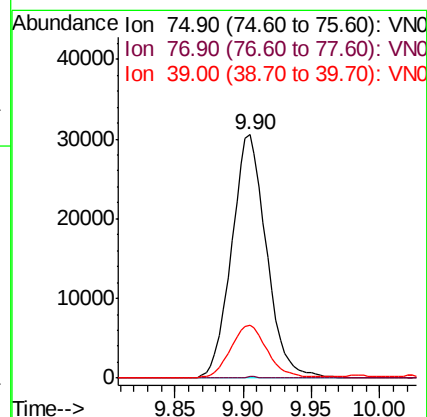
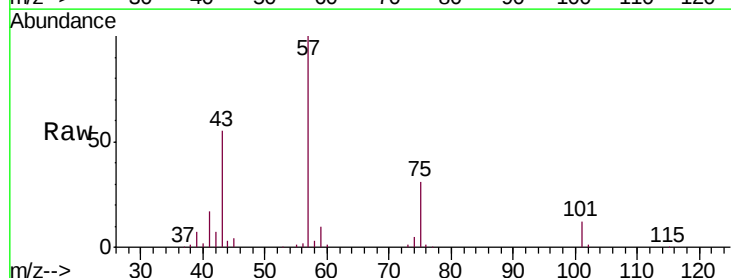
Tgt Ion: 75 Resp: 54080

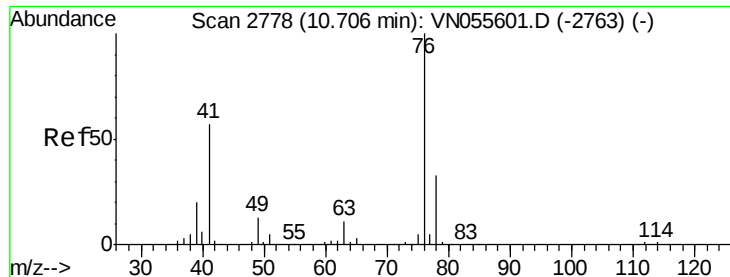
Ion Ratio Lower Upper

75 100

77 0.5 25.7 38.5#

39 21.6 34.7 52.1#





#57

1,3-Dichloropropane

Concen: 1.706 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN055654.D

Acq: 18 May 2019 9:38

Instrument :

MSVOA_N

ClientSampleId :

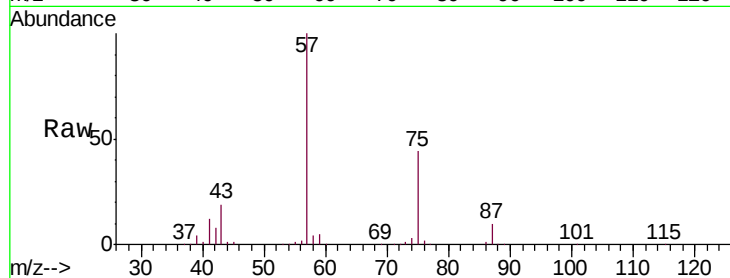
OR-02-051619-A

Tgt Ion: 76 Resp: 10717

Ion Ratio Lower Upper

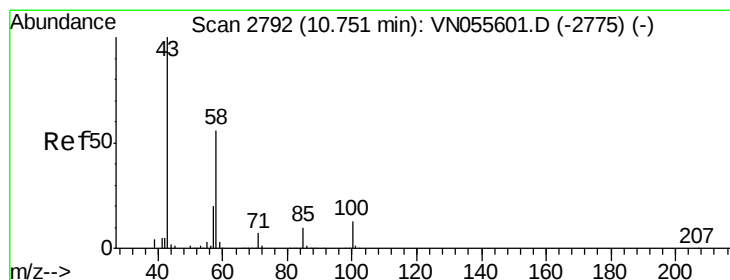
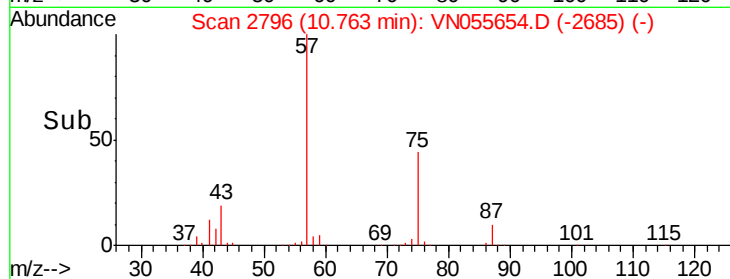
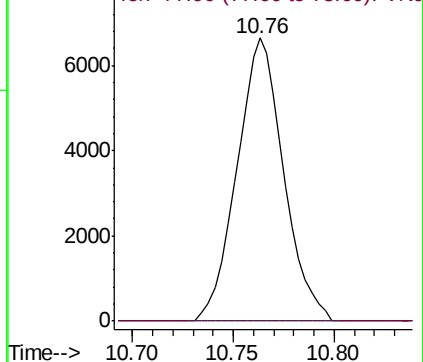
76 100

78 0.0 26.5 39.7#



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC



#59

2-Hexanone

Concen: 39.219 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN055654.D

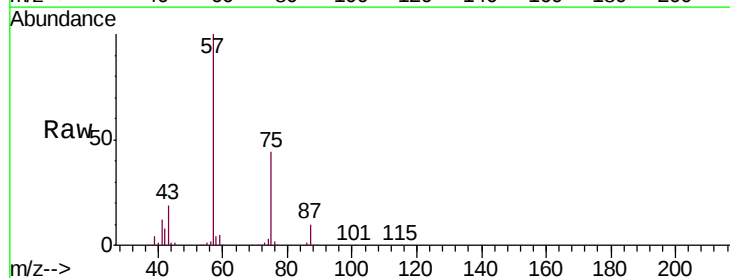
Acq: 18 May 2019 9:38

Tgt Ion: 43 Resp: 132806

Ion Ratio Lower Upper

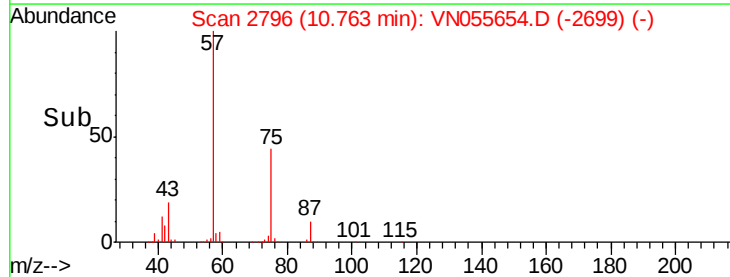
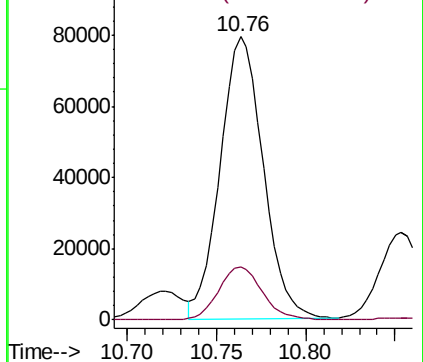
43 100

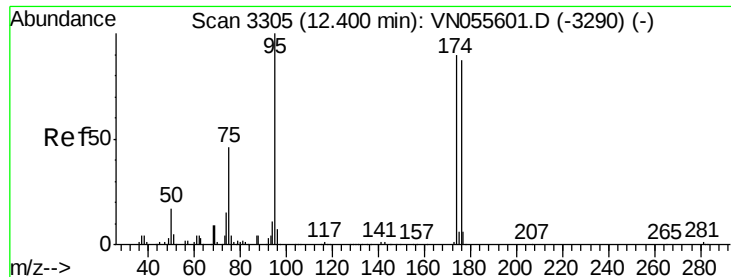
58 19.3 28.1 84.4#



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 58.00 (57.70 to 58.70): VNC

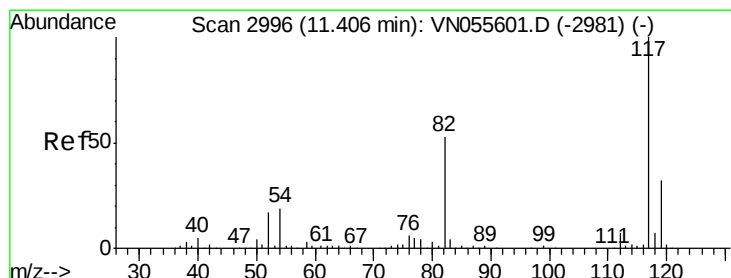
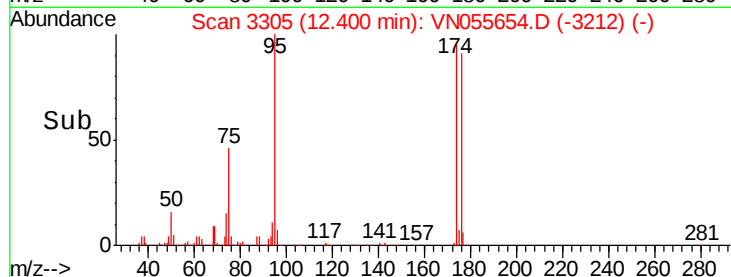
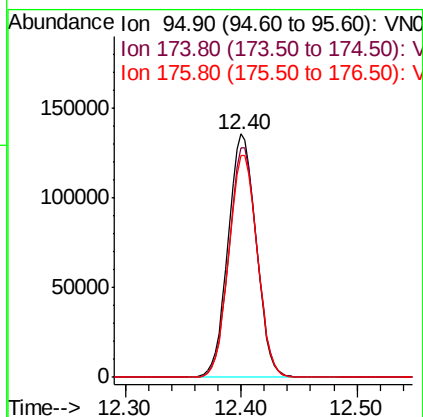
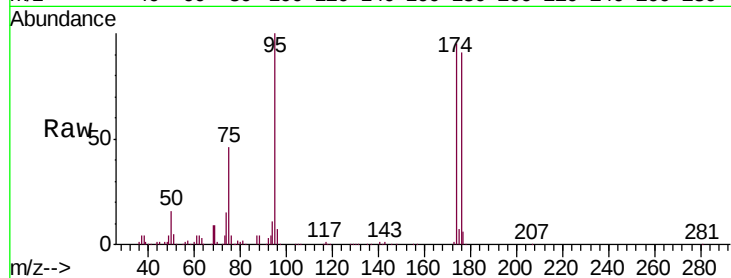




#62
4-Bromofluorobenzene
Concen: 46.463 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN055654.D
Acq: 18 May 2019 9:38

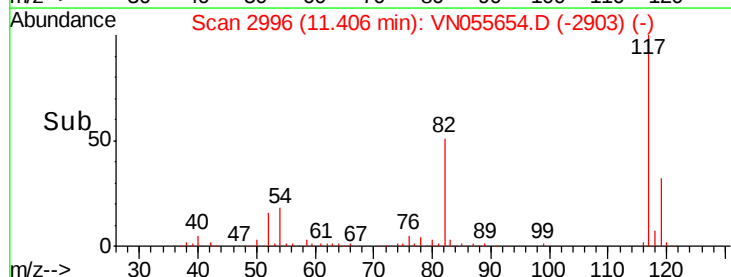
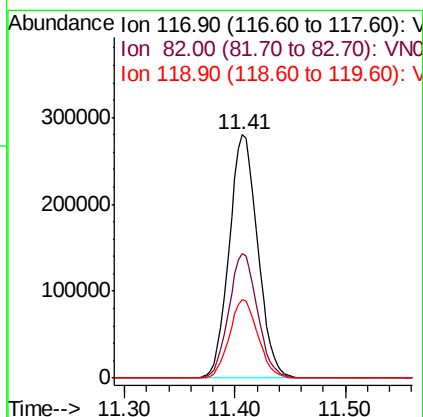
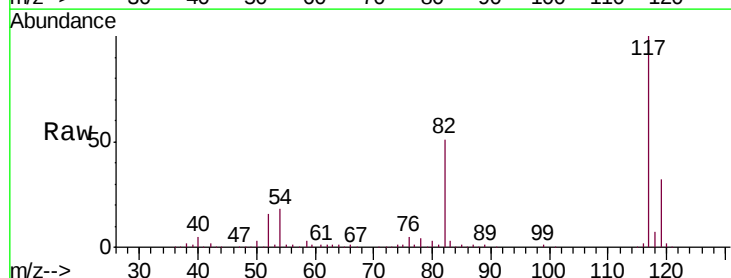
Instrument :
MSVOA_N
ClientSampled :
OR-02-051619-A

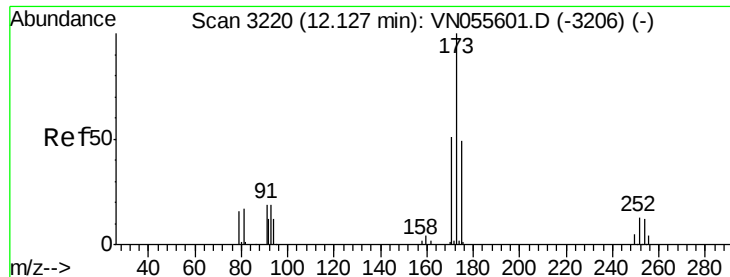
Tgt Ion: 95 Resp: 225791
Ion Ratio Lower Upper
95 100
174 94.4 0.0 180.6
176 92.2 0.0 177.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055654.D
Acq: 18 May 2019 9:38

Tgt Ion: 117 Resp: 502275
Ion Ratio Lower Upper
117 100
82 51.3 42.3 63.5
119 32.0 25.4 38.2





#71

Bromoform

Concen: 0.465 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN055654.D

Acq: 18 May 2019 9:38

Instrument :

MSVOA_N

ClientSampleId :

OR-02-051619-A

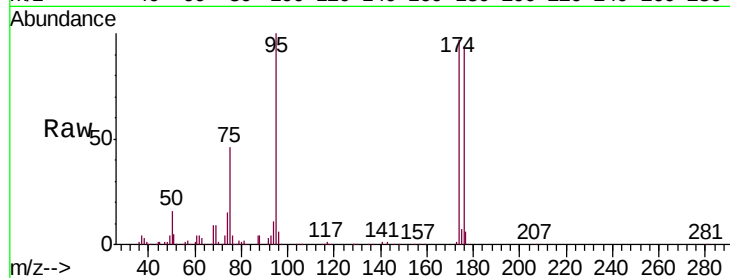
Tgt Ion:173 Resp: 1611

Ion Ratio Lower Upper

173 100

175 849.6 24.3 72.9#

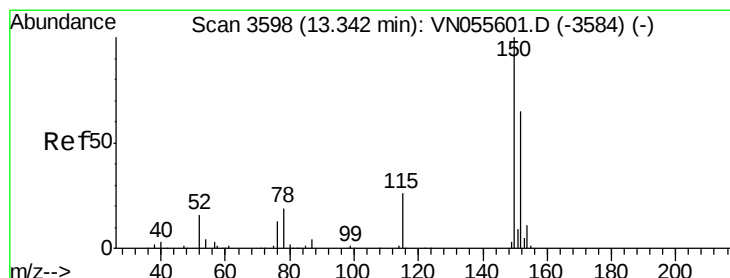
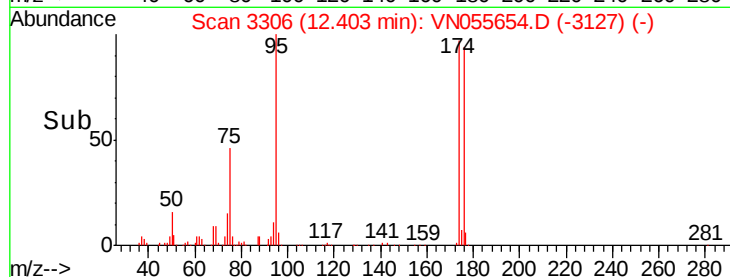
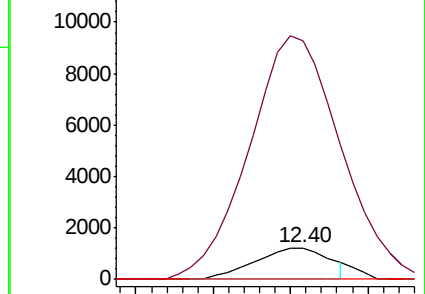
254 0.0 0.1 0.1#



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: VN055654.D

Acq: 18 May 2019 9:38

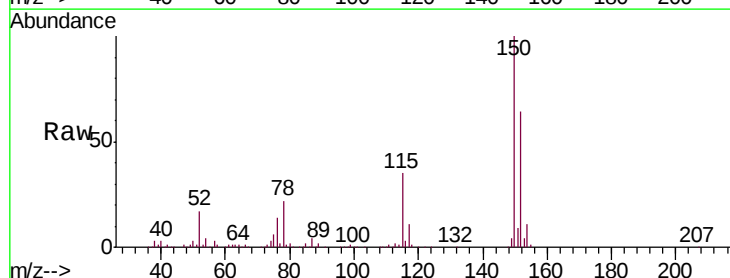
Tgt Ion:152 Resp: 216108

Ion Ratio Lower Upper

152 100

115 55.2 28.1 84.2

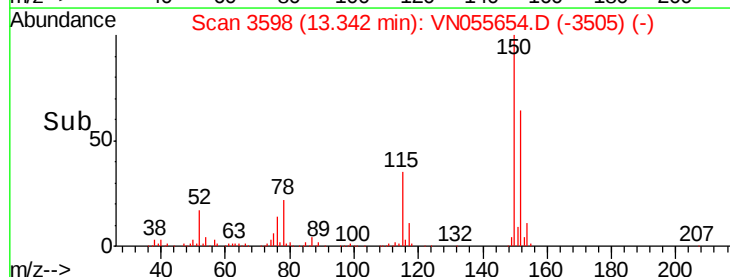
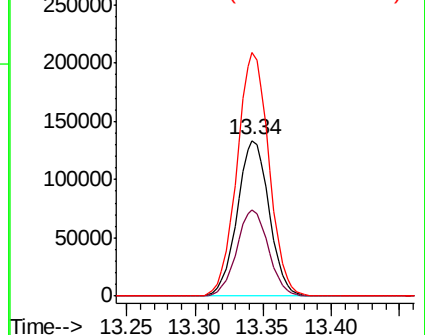
150 157.4 0.0 348.0

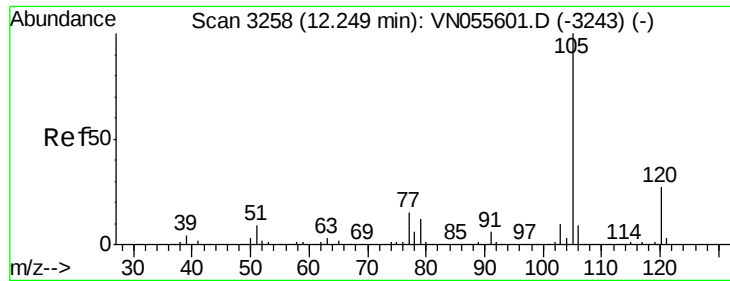


Abundance Ion 151.90 (151.60 to 152.60): V

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: VN055654.D

Acq: 18 May 2019 9:38

Instrument :

MSVOA_N

ClientSampleId :

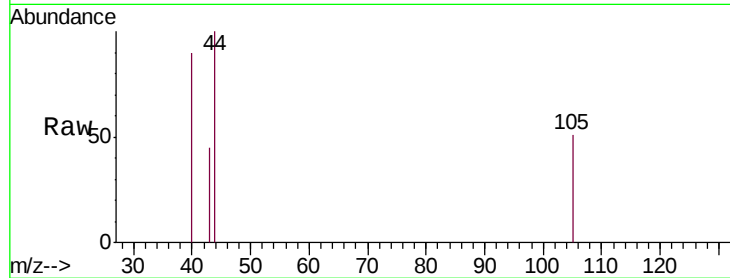
OR-02-051619-A

Tgt Ion: 105 Resp: 264

Ion Ratio Lower Upper

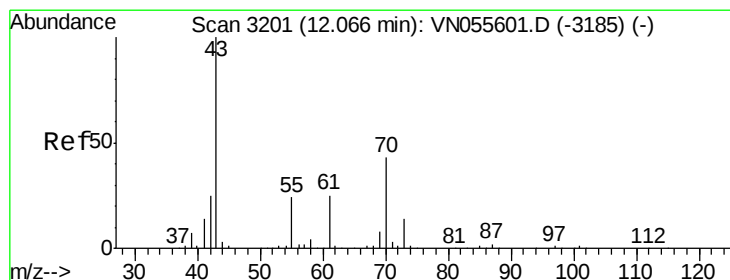
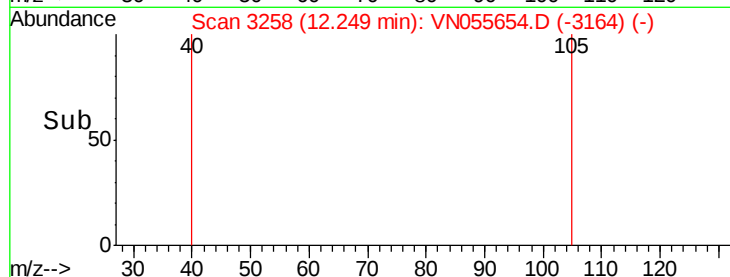
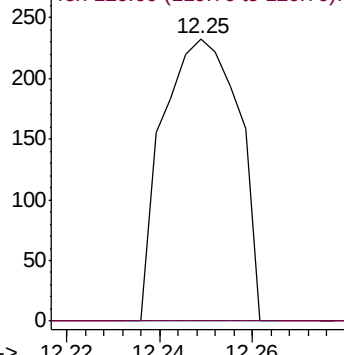
105 100

120 0.0 13.4 40.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 2.170 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN055654.D

Acq: 18 May 2019 9:38

Tgt Ion: 43 Resp: 13170

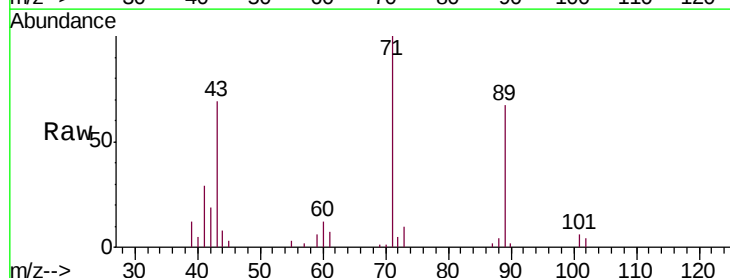
Ion Ratio Lower Upper

43 100

70 1.0 35.0 52.6#

55 7.3 18.9 28.3#

61 10.0 20.1 30.1#

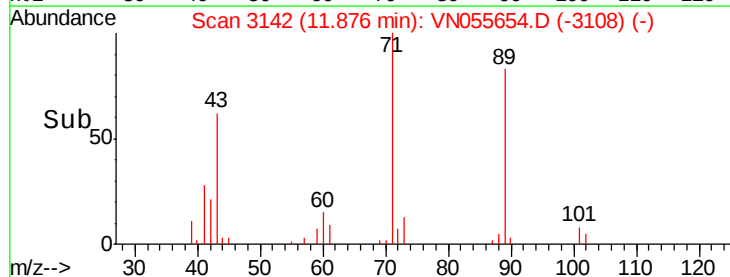
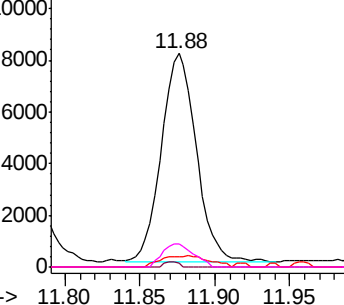


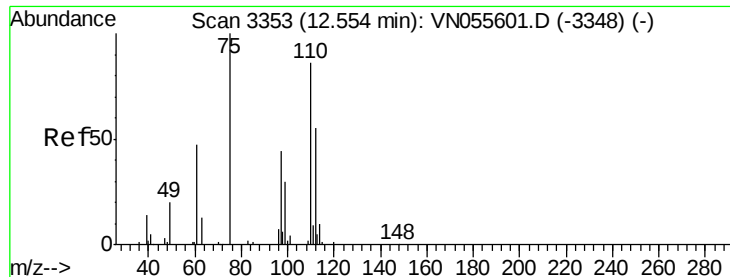
Abundance Ion 43.00 (42.70 to 43.70): V

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

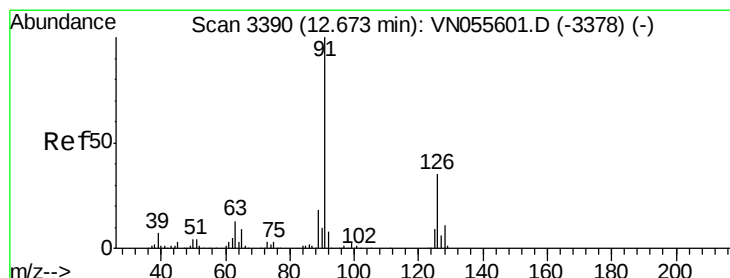
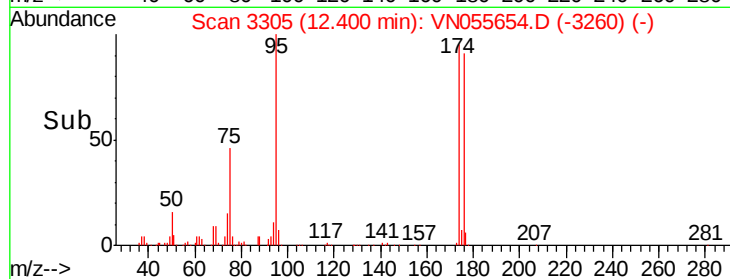
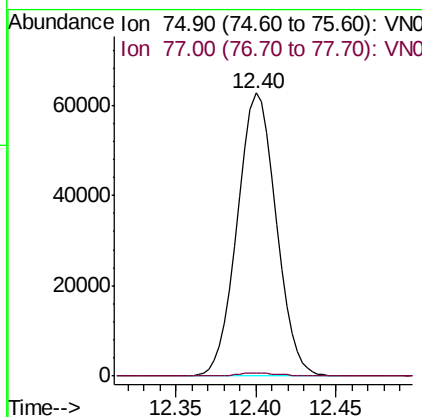
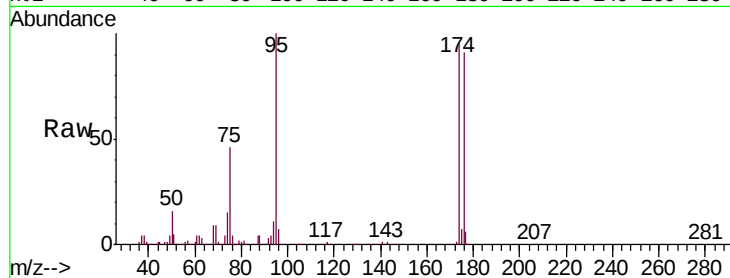




#76
 1,2,3-Trichloropropane
 Concen: 23.505 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN055654.D
 Acq: 18 May 2019 9:38

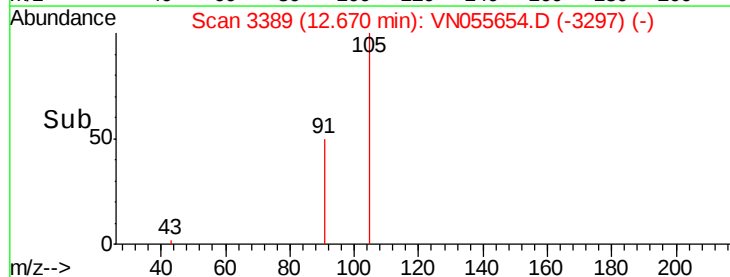
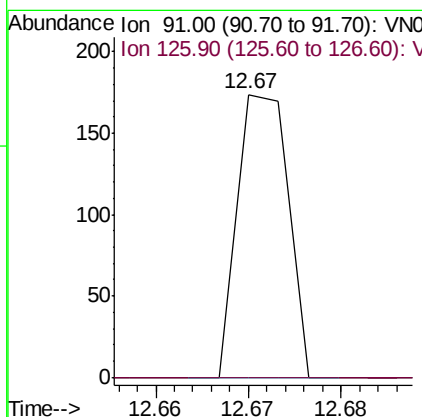
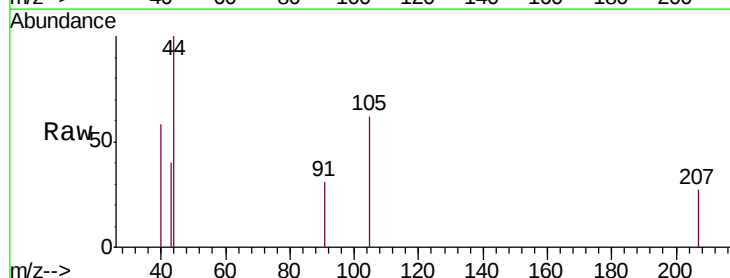
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-051619-A

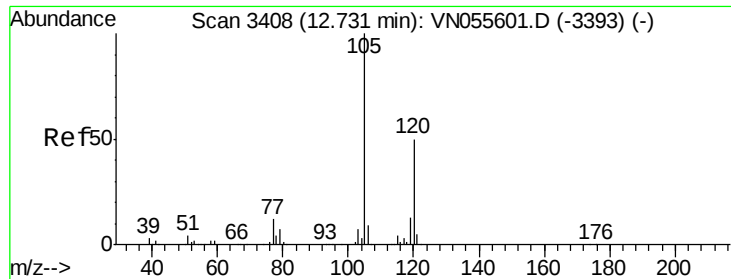
Tgt Ion: 75 Resp: 103650
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.67 min Scan# 3389
 Delta R.T. -0.00 min
 Lab File: VN055654.D
 Acq: 18 May 2019 9:38

Tgt Ion: 91 Resp: 66
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.8 53.4#

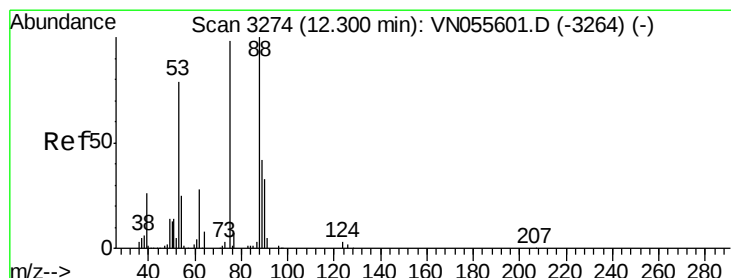
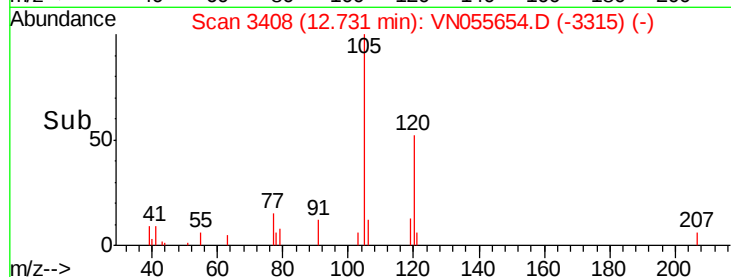
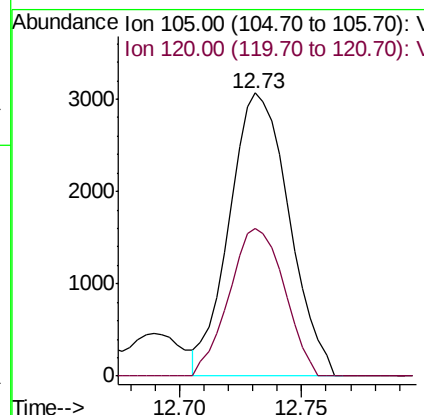
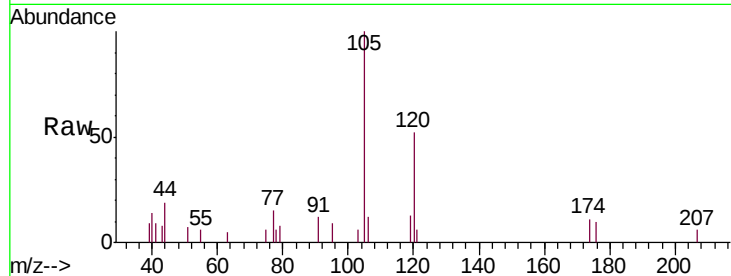




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055654.D
 Acq: 18 May 2019 9:38

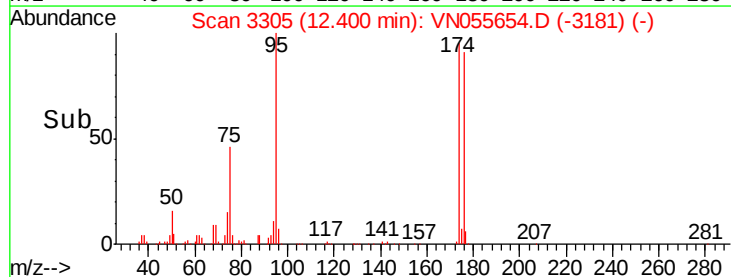
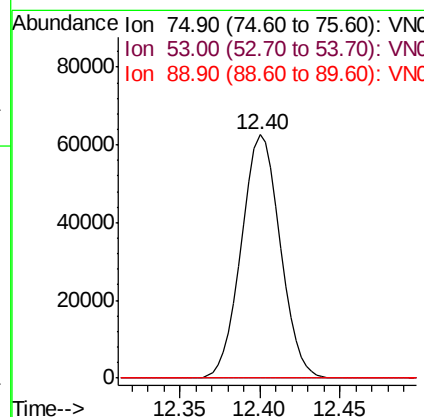
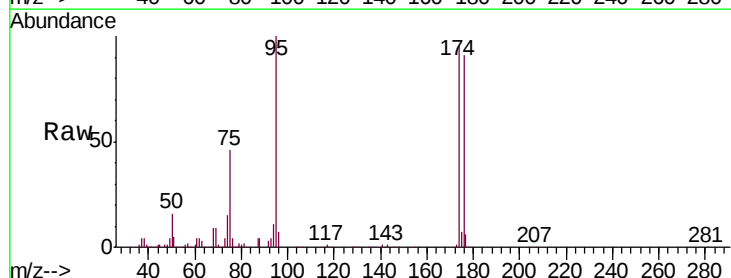
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-051619-A

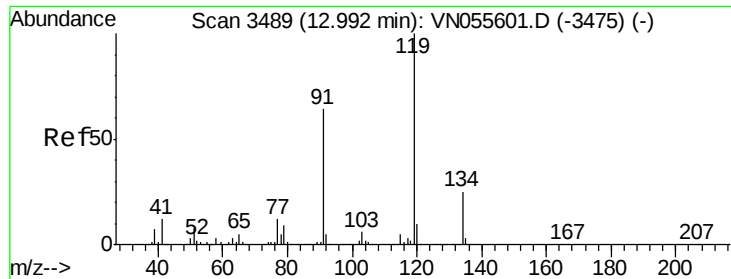
Tgt Ion: 105 Resp: 5221
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.6 74.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.421 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN055654.D
 Acq: 18 May 2019 9:38

Tgt Ion: 75 Resp: 103650
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.1 97.7#
 89 0.0 36.4 54.6#

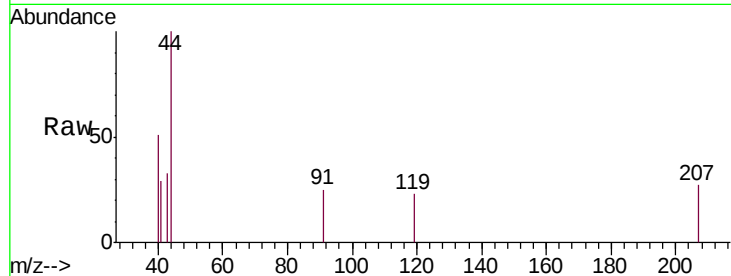




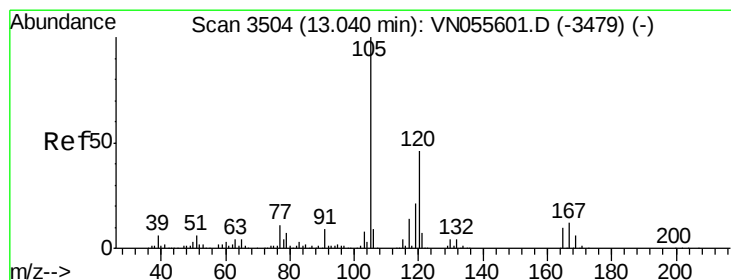
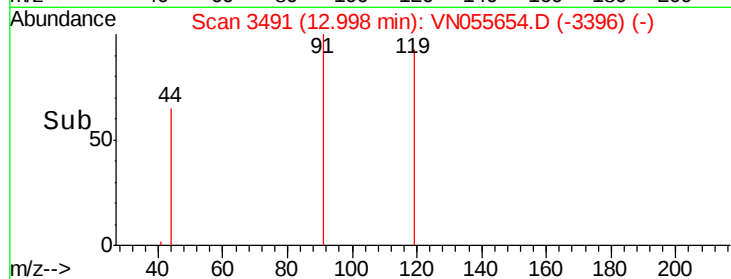
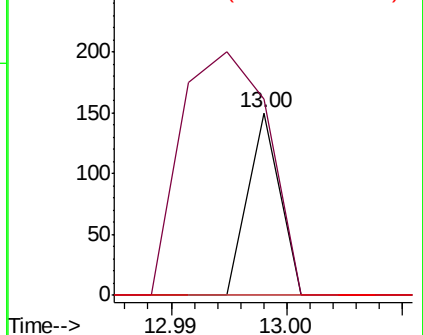
#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.01 min
 Lab File: VN055654.D
 Acq: 18 May 2019 9:38

Instrument :
 MSVOA_N
 ClientSampleID :
 OR-02-051619-A

Tgt Ion:119 Resp: 29
 Ion Ratio Lower Upper
 119 100
 91 355.2 31.3 93.8#
 134 0.0 13.2 39.6#

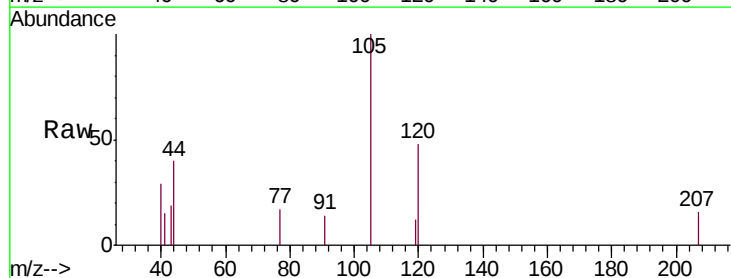


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

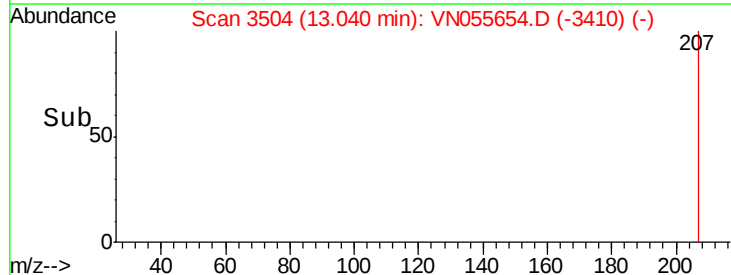
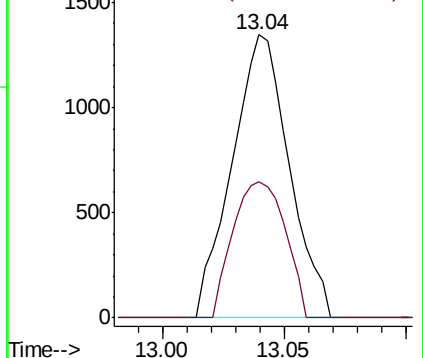


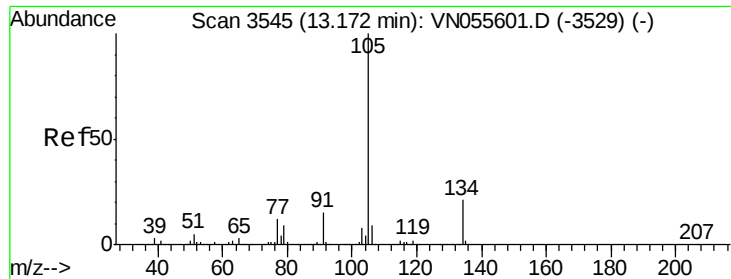
#84
 1,2,4-Trimethylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055654.D
 Acq: 18 May 2019 9:38

Tgt Ion:105 Resp: 2187
 Ion Ratio Lower Upper
 105 100
 120 44.2 23.1 69.2



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

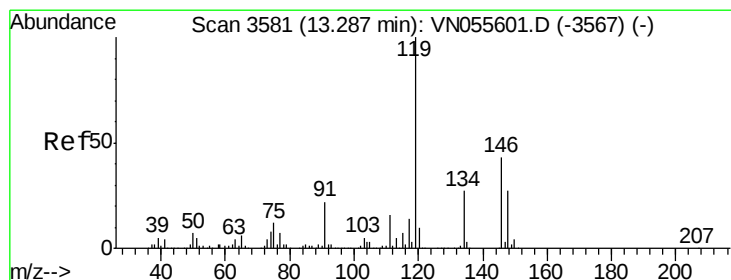
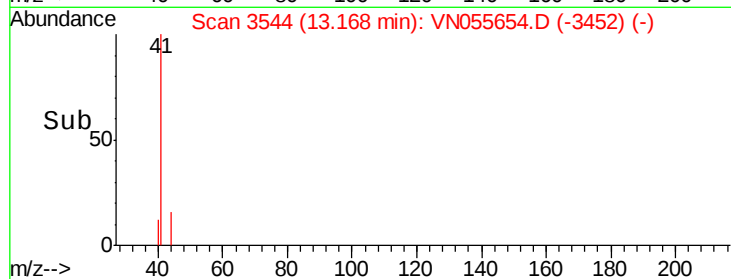
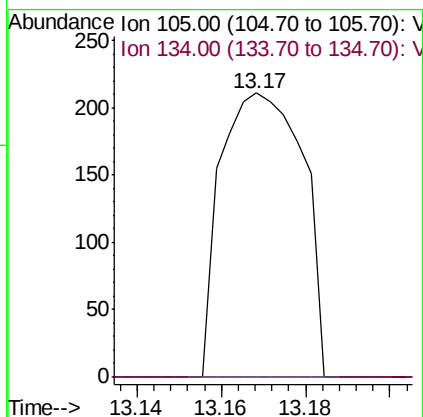
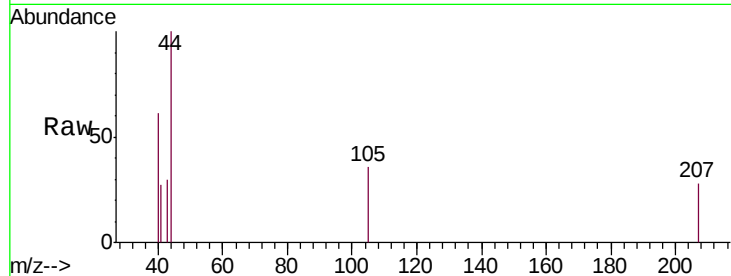




#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.17 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: VN055654.D
 Acq: 18 May 2019 9:38

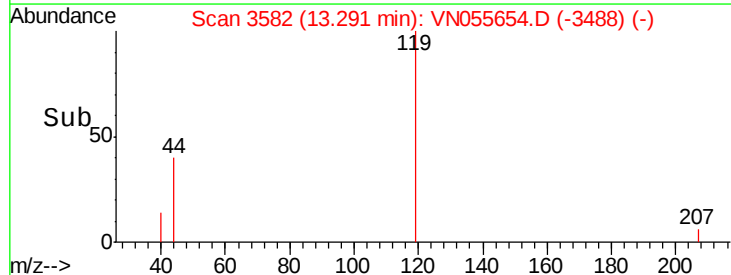
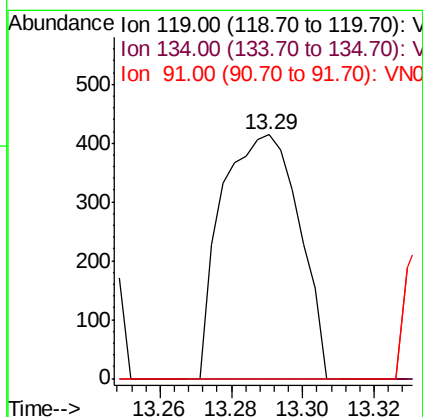
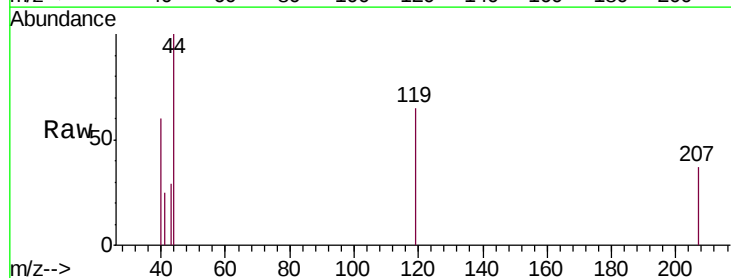
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-051619-A

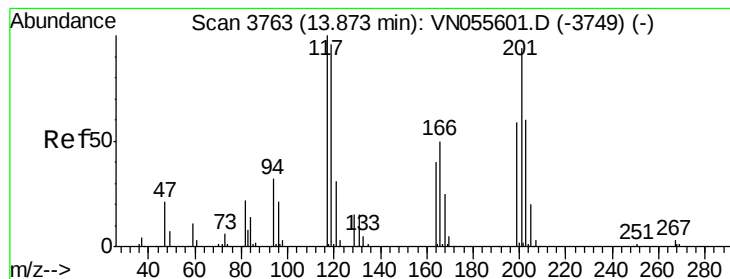
Tgt Ion:105 Resp: 285
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.3 30.9#



#86
 p-Isopropyltoluene
 Concen: Below Cal
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN055654.D
 Acq: 18 May 2019 9:38

Tgt Ion:119 Resp: 620
 Ion Ratio Lower Upper
 119 100
 134 0.0 13.4 40.2#
 91 0.0 11.0 33.0#





#90

Hexachloroethane

Concen: Below Cal

RT: 13.95 min Scan# 3787

Delta R.T. 0.08 min

Lab File: VN055654.D

Acq: 18 May 2019 9:38

Instrument :

MSVOA_N

ClientSampled :

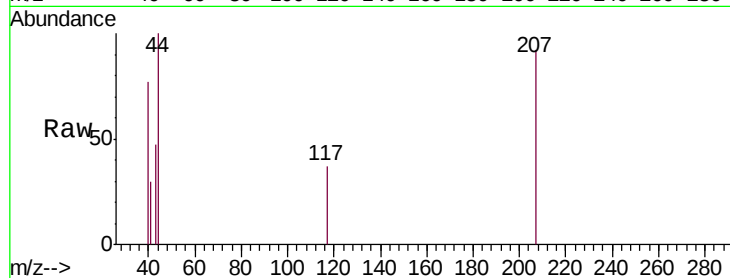
OR-02-051619-A

Tgt Ion:117 Resp: 143

Ion Ratio Lower Upper

117 100

201 0.0 47.1 141.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.95

200

150

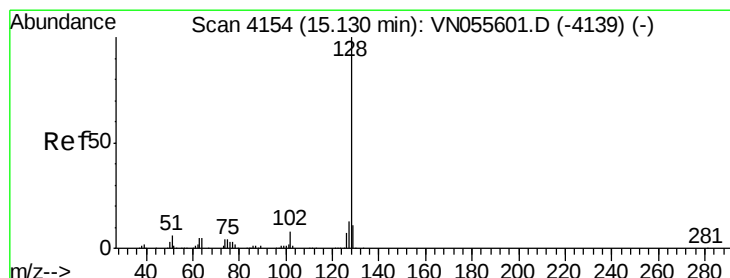
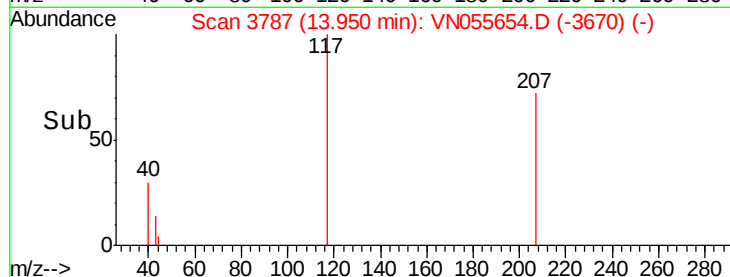
100

50

0

13.94 13.96

Time-->



#95

Naphthalene

Concen: 2.177 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055654.D

Acq: 18 May 2019 9:38

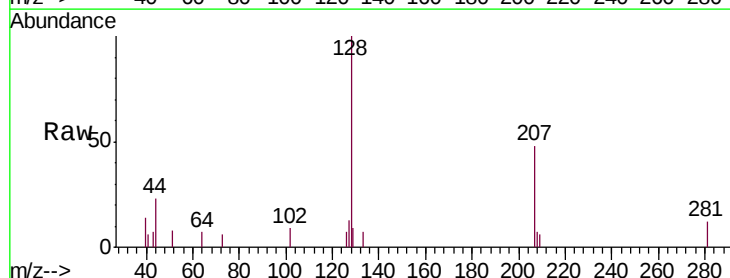
Tgt Ion:128 Resp: 4813

Ion Ratio Lower Upper

128 100

127 11.8 10.2 15.4

129 9.0 8.6 12.8



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

3000

2000

1000

0

15.10 15.15

Time-->

