

Data File : VN055648.D
Acq On : 18 May 2019 7:17
Operator : JC/SP
Sample : K2643-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 56 Sample Multiplier: 1

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

Quant Time: May 20 02:18:11 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	401246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	578032	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	499352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	214769	50.00	ug/l	0.00

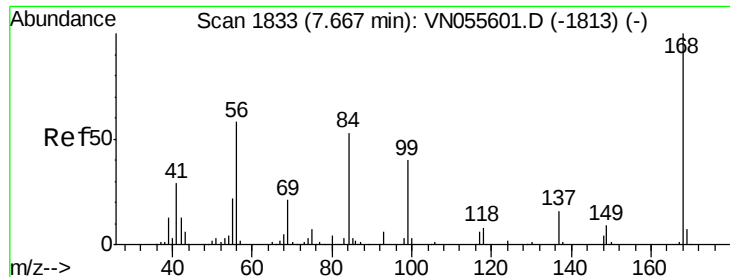
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	191949	43.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.28%	
35) Dibromofluoromethane	7.59	113	177985	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
50) Toluene-d8	10.09	98	669783	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
62) 4-Bromofluorobenzene	12.40	95	225504	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	10497	5.848	ug/l	96
18) Methyl Acetate	4.35	43	1485	0.386	ug/l #	50
20) Methylene Chloride	4.56	84	146197	35.689	ug/l	99
25) 2-Butanone	6.85	43	897	0.357	ug/l #	47
29) Tetrahydrofuran	7.22	42	742	0.446	ug/l #	52
31) Cyclohexane	7.67	56	6032	0.925	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	24301	4.715	ug/l #	48
38) Carbon Tetrachloride	7.67	117	32965	5.986	ug/l #	15
43) Isopropyl Acetate	8.17	43	13742	1.699	ug/l #	91
45) 1,2-Dichloropropane	9.27	63	1357	0.340	ug/l #	43
48) Methyl methacrylate	9.18	41	6369	1.761	ug/l #	11
51) 4-Methyl-2-Pentanone	9.98	43	3656	0.770	ug/l	96
54) cis-1,3-Dichloropropene	9.90	75	55548	8.601	ug/l #	56
57) 1,3-Dichloropropane	10.76	76	10229	1.650	ug/l #	42
59) 2-Hexanone	10.76	43	135061	40.428	ug/l #	50
71) Bromoform	12.40	173	1406	0.408	ug/l #	1
73) Isopropylbenzene	12.25	105	434	Below Cal	#	48
74) N-amyl acetate	11.88	43	13202	2.189	ug/l #	51
76) 1,2,3-Trichloropropane	12.40	75	104592	23.866	ug/l #	100
79) 2-Chlorotoluene	12.67	91	337	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	4697	Below Cal		98
81) trans-1,4-Dichloro-2-buten	12.40	75	104592	61.351	ug/l #	17
83) tert-Butylbenzene	13.04	119	552	Below Cal	#	54
84) 1,2,4-Trimethylbenzene	13.04	105	5158	Below Cal		97
85) sec-Butylbenzene	13.17	105	441	Below Cal	#	56
86) p-Isopropyltoluene	13.28	119	765	Below Cal	#	66
90) Hexachloroethane	13.89	117	61	Below Cal	#	3
95) Naphthalene	15.13	128	8167	2.470	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN055648.D

Acq: 18 May 2019 7:17

Instrument :

MSVOA_N

ClientSampleId :

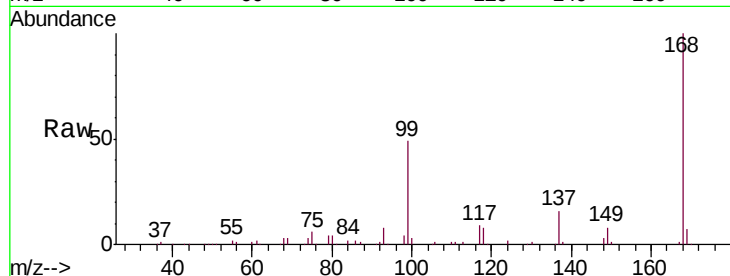
OR-02-051619-B

Tgt Ion: 168 Resp: 401246

Ion Ratio Lower Upper

168 100

99 48.5 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN055648.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN055648.D (-1740) (-)

7.67

150000

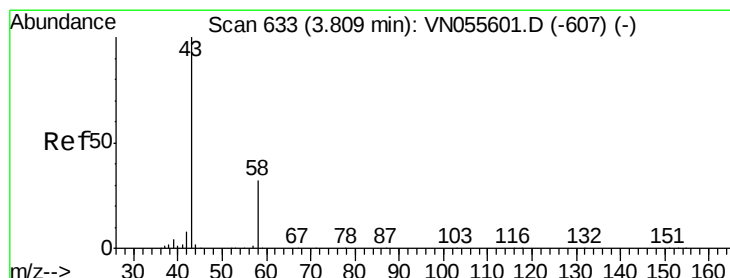
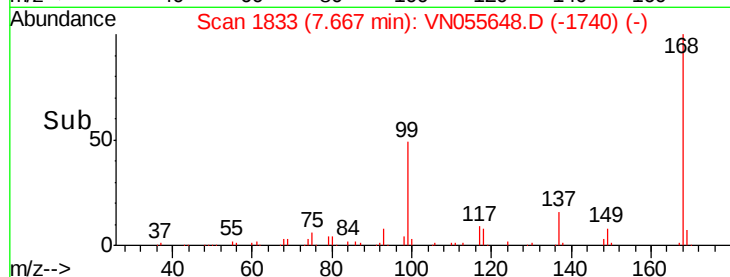
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 5.848 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN055648.D

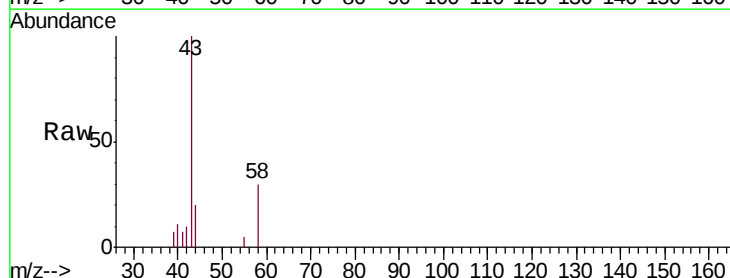
Acq: 18 May 2019 7:17

Tgt Ion: 43 Resp: 10497

Ion Ratio Lower Upper

43 100

58 30.3 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN055648.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN055648.D (-540) (-)

3.82

4000

3000

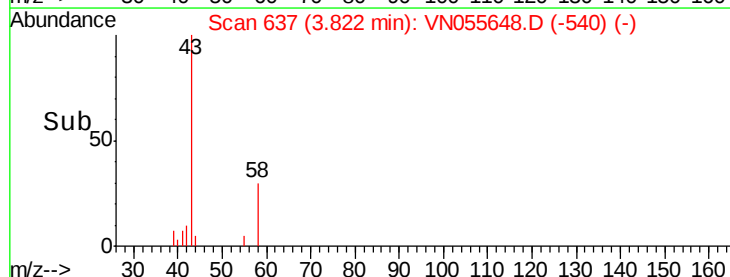
2000

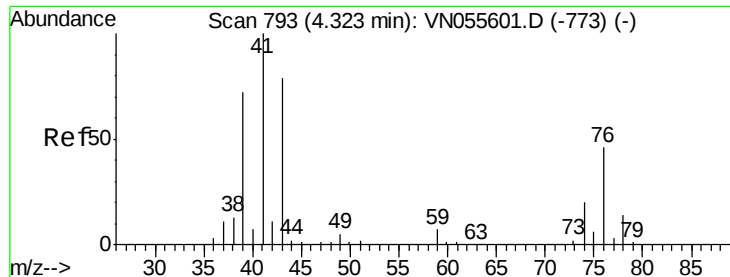
1000

0

3.70 3.75 3.80 3.85 3.90

Time-->

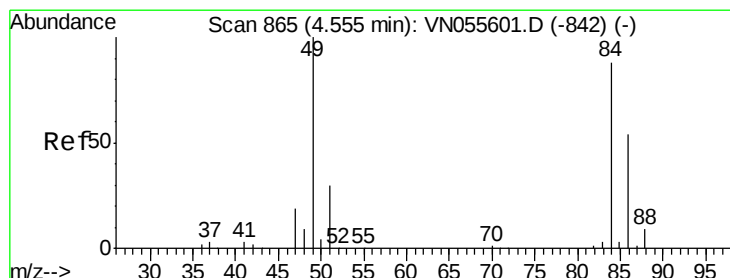
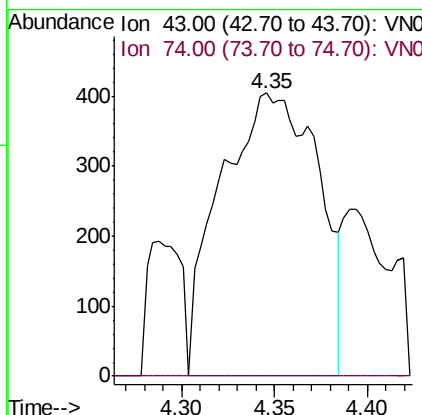
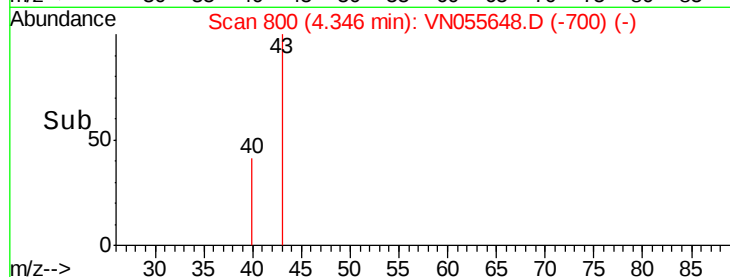
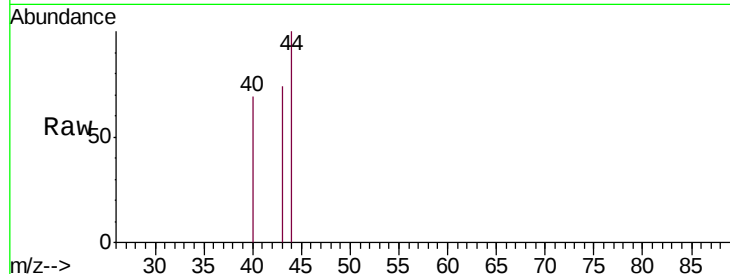




#18
Methyl Acetate
Concen: 0.386 ug/l
RT: 4.35 min Scan# 800
Delta R.T. 0.02 min
Lab File: VN055648.D
Acq: 18 May 2019 7:17

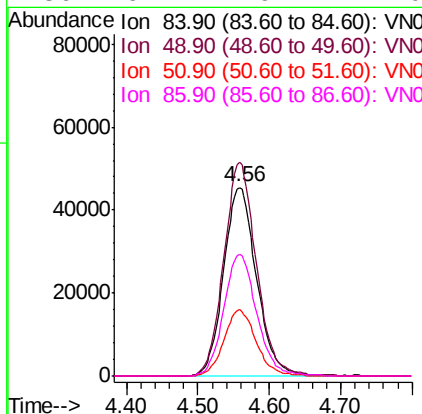
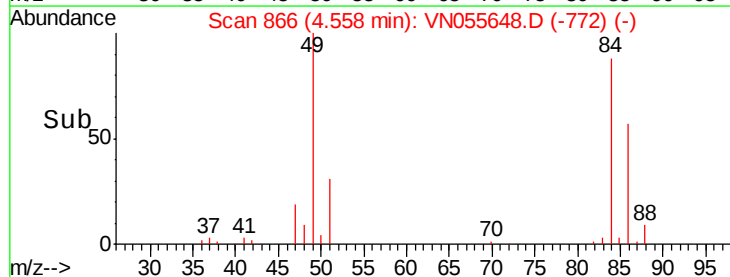
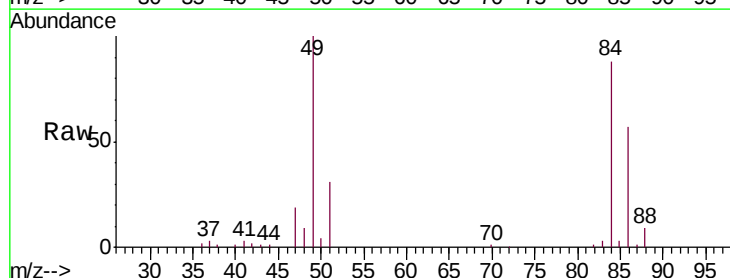
Instrument :
MSVOA_N
ClientSampleId :
OR-02-051619-B

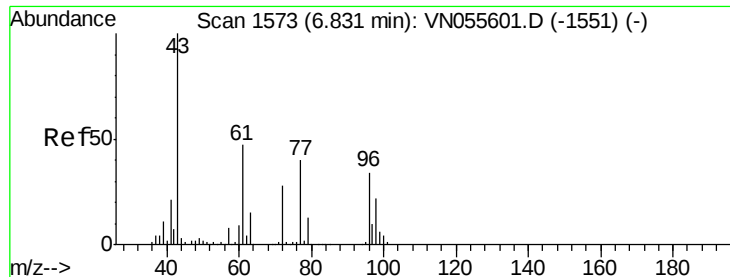
Tgt Ion: 43 Resp: 1485
Ion Ratio Lower Upper
43 100
74 0.0 19.9 29.9#



#20
Methylene Chloride
Concen: 35.689 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN055648.D
Acq: 18 May 2019 7:17

Tgt Ion: 84 Resp: 146197
Ion Ratio Lower Upper
84 100
49 113.2 91.0 136.4
51 35.0 27.5 41.3
86 64.4 49.4 74.0





#25

2-Butanone

Concen: 0.357 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. 0.02 min

Lab File: VN055648.D

Acq: 18 May 2019 7:17

Instrument :

MSVOA_N

ClientSampleId :

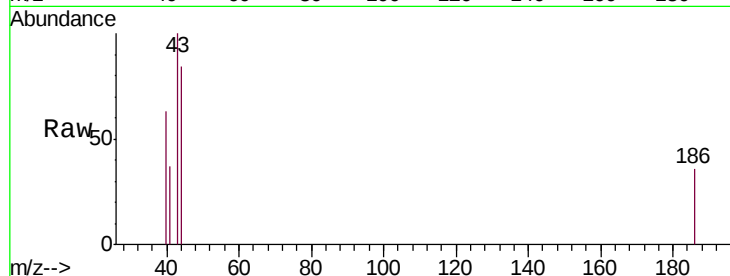
OR-02-051619-B

Tgt Ion: 43 Resp: 897

Ion Ratio Lower Upper

43 100

72 0.0 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VN055601.D (-1551) (-)

Ion 72.00 (71.70 to 72.70): VN055601.D (-1551) (-)

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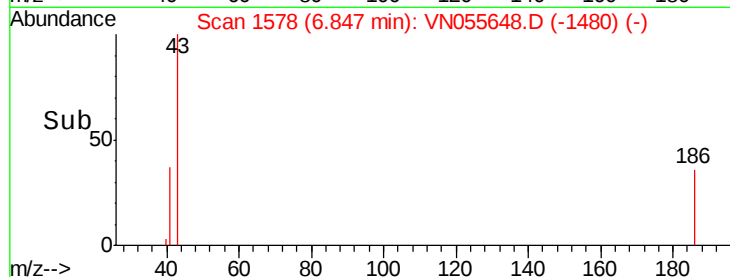
6.85

6.85

6.85

6.85

6.85



#29

Tetrahydrofuran

Concen: 0.446 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VN055648.D

Acq: 18 May 2019 7:17

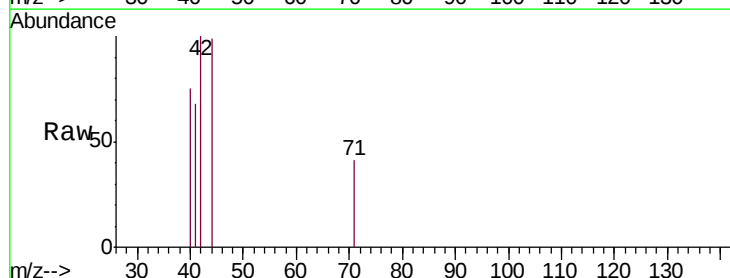
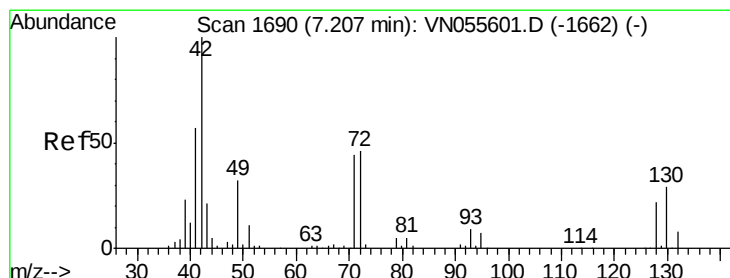
Tgt Ion: 42 Resp: 742

Ion Ratio Lower Upper

42 100

72 8.5 36.5 54.7#

71 18.9 34.9 52.3#



Abundance Ion 42.00 (41.70 to 42.70): VN055601.D (-1662) (-)

Ion 72.00 (71.70 to 72.70): VN055601.D (-1662) (-)

Ion 71.00 (70.70 to 71.70): VN055601.D (-1662) (-)

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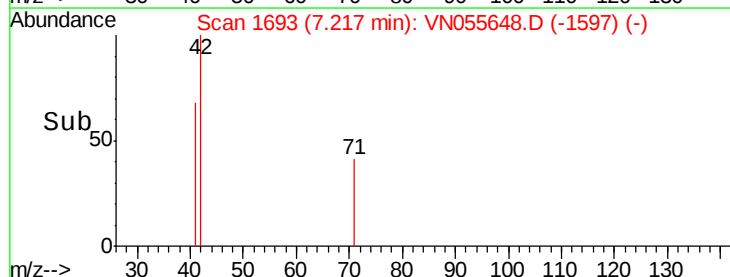
7.22

7.22

7.22

7.22

7.22



#29

Tetrahydrofuran

Concen: 0.446 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VN055648.D

Acq: 18 May 2019 7:17

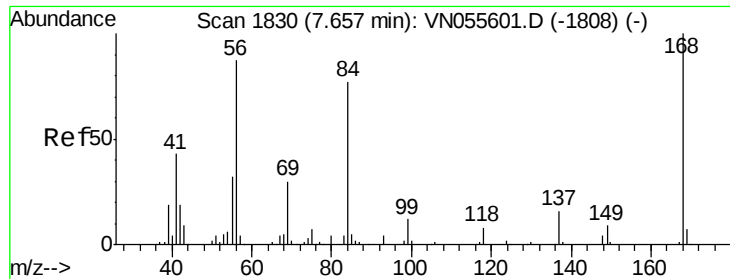
Tgt Ion: 42 Resp: 742

Ion Ratio Lower Upper

42 100

72 8.5 36.5 54.7#

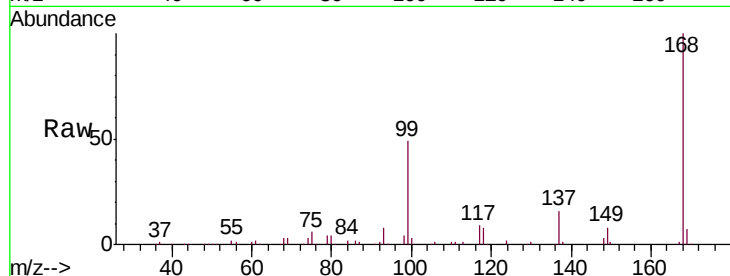
71 18.9 34.9 52.3#



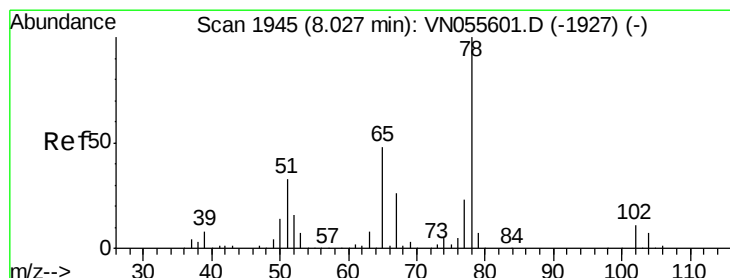
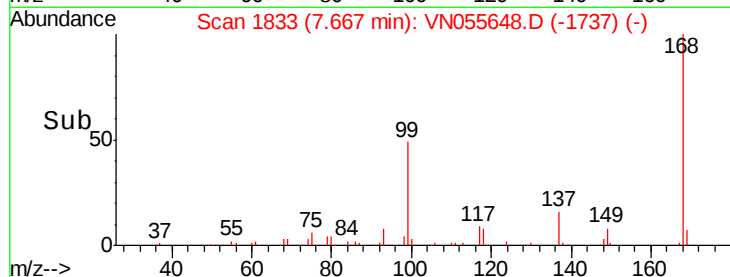
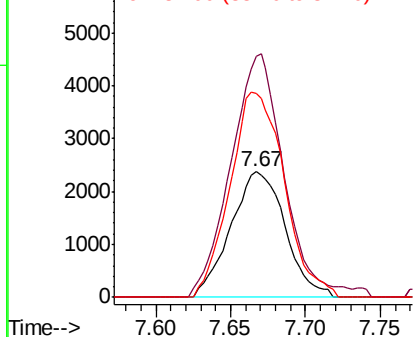
#31
Cyclohexane
Concen: 0.925 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN055648.D
Acq: 18 May 2019 7:17

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

Tgt Ion: 56 Resp: 6032
Ion Ratio Lower Upper
56 100
69 191.9 27.2 40.8#
84 162.9 71.3 106.9#

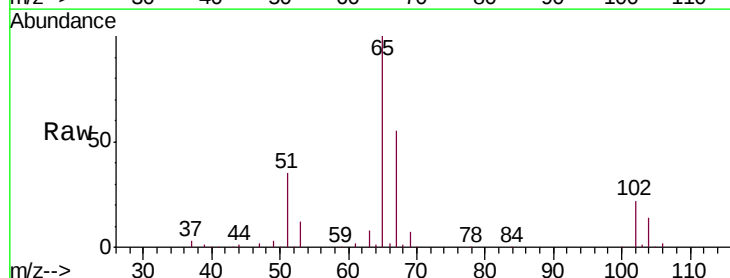


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

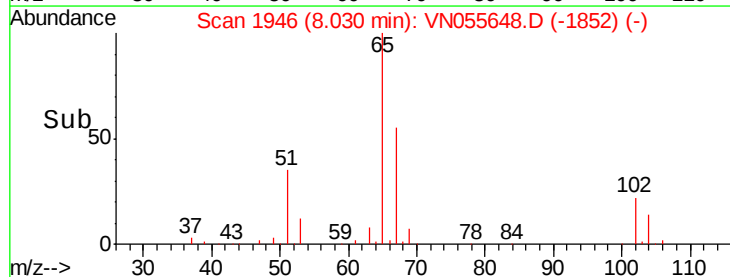
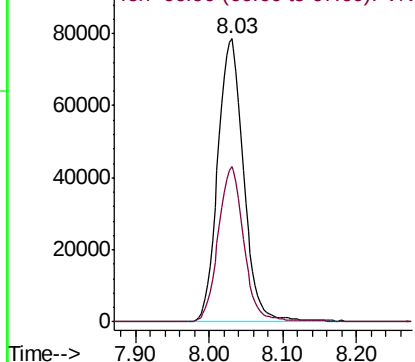


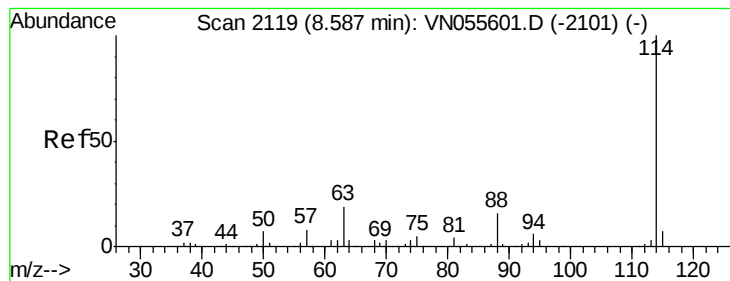
#33
1,2-Dichloroethane-d4
Concen: 43.640 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN055648.D
Acq: 18 May 2019 7:17

Tgt Ion: 65 Resp: 191949
Ion Ratio Lower Upper
65 100
67 54.1 0.0 108.6



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: VN055648.D

Acq: 18 May 2019 7:17

Instrument :

MSVOA_N

ClientSampleId :

OR-02-051619-B

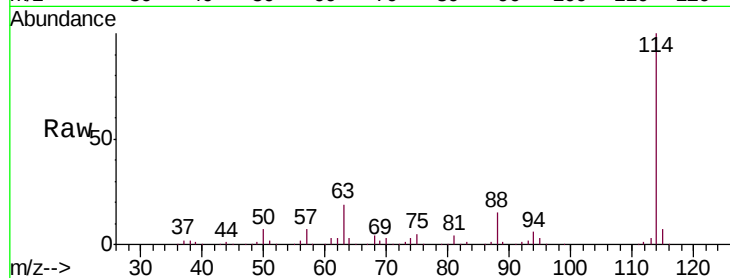
Tgt Ion:114 Resp: 578032

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.2

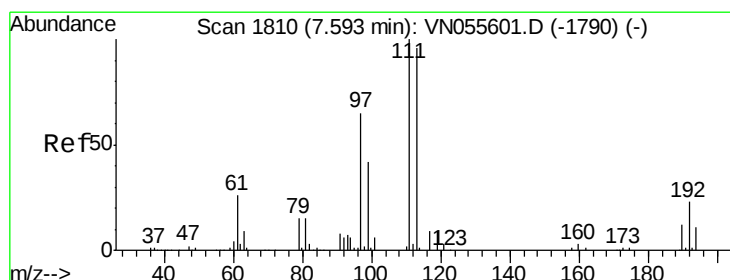
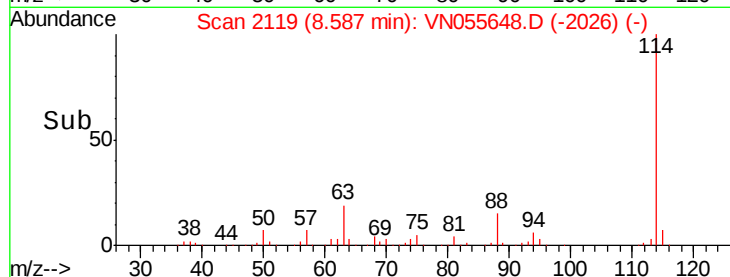
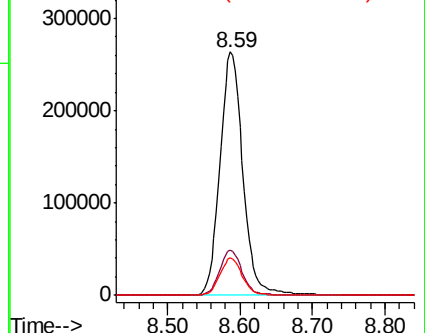
88 15.2 0.0 31.0



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: 48.472 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN055648.D

Acq: 18 May 2019 7:17

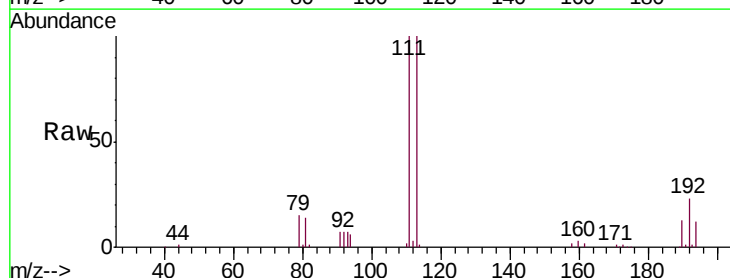
Tgt Ion:113 Resp: 177985

Ion Ratio Lower Upper

113 100

111 101.3 82.5 123.7

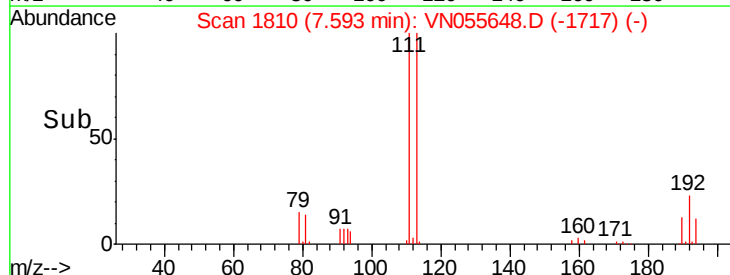
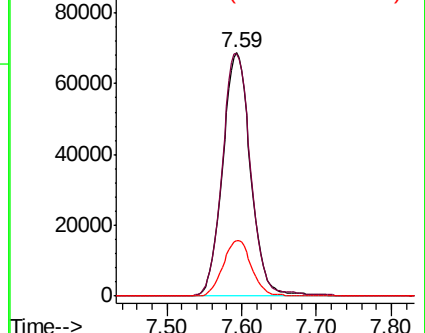
192 23.1 18.7 28.1

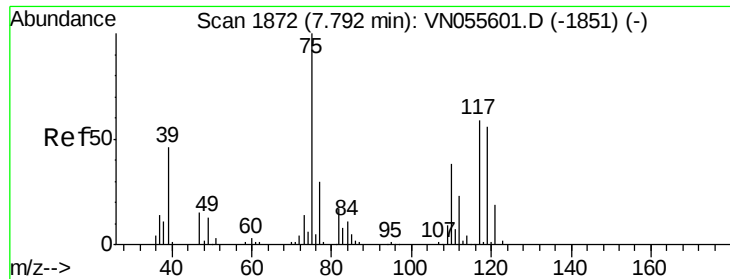


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

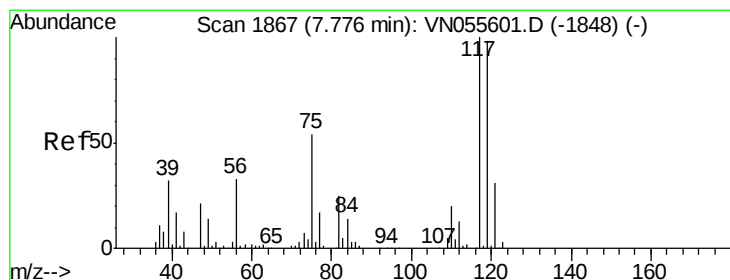
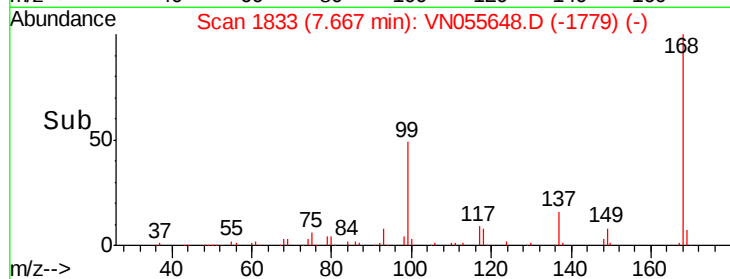
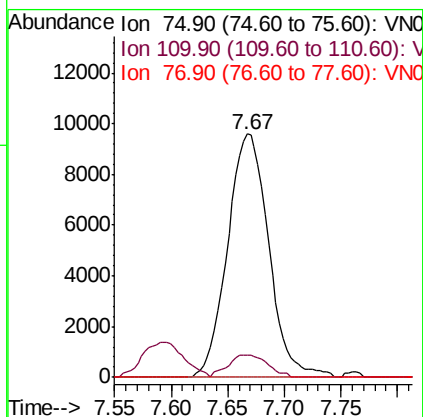
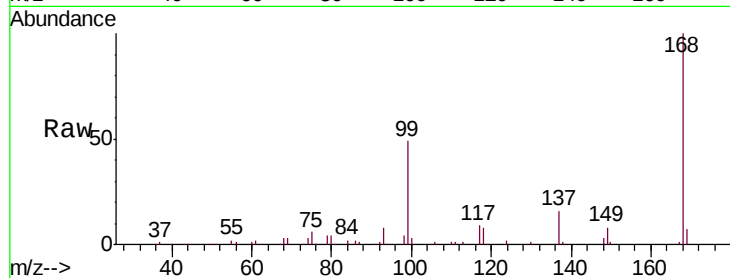




#36
 1,1-Dichloropropene
 Concen: 4.715 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN055648.D
 Acq: 18 May 2019 7:17

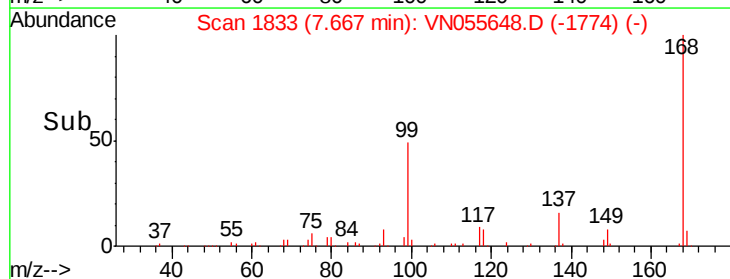
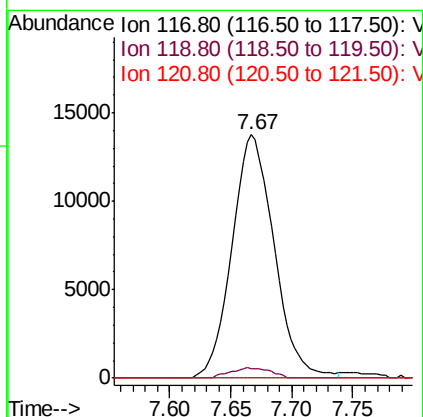
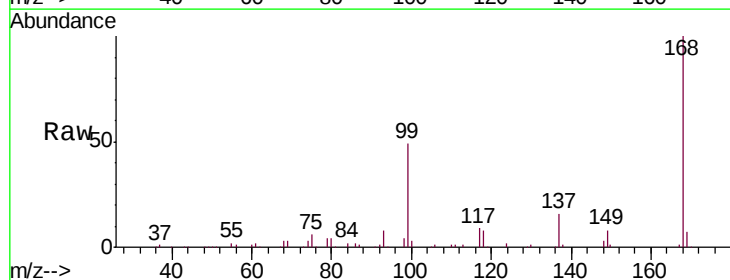
Instrument :
 MSVOA_N
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 OR-02-051619-B

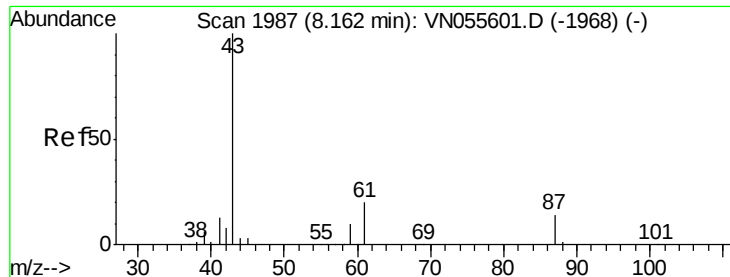
Tgt Ion: 75 Resp: 24301
 Ion Ratio Lower Upper
 75 100
 110 8.9 18.6 55.6#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 5.986 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN055648.D
 Acq: 18 May 2019 7:17

Tgt Ion: 117 Resp: 32965
 Ion Ratio Lower Upper
 117 100
 119 4.1 77.8 116.8#
 121 0.0 24.6 37.0#





#43

Isopropyl Acetate

Concen: 1.699 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN055648.D

Acq: 18 May 2019 7:17

Instrument :

MSVOA_N

ClientSampleId :

OR-02-051619-B

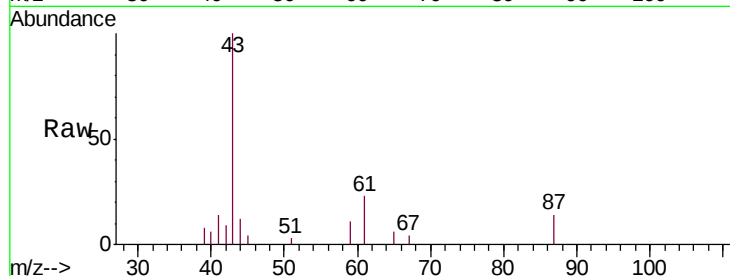
Tgt Ion: 43 Resp: 13742

Ion Ratio Lower Upper

43 100

61 20.4 22.1 33.1#

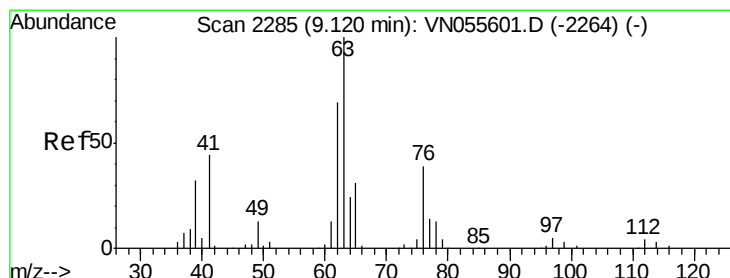
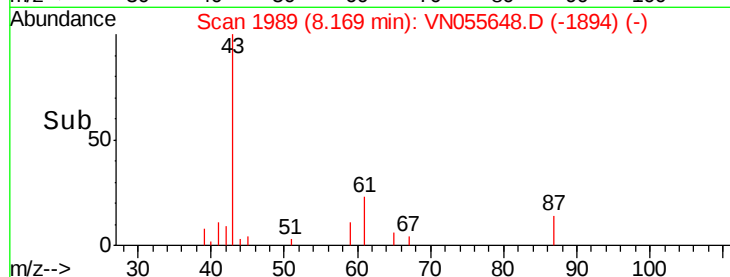
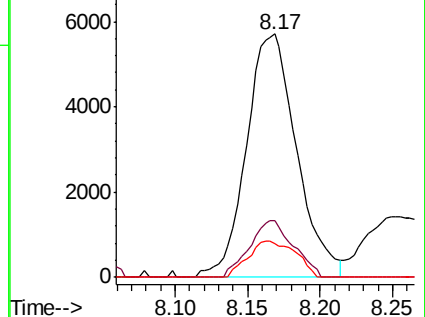
87 14.1 11.8 17.6



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



#45

1,2-Dichloropropane

Concen: 0.340 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.14 min

Lab File: VN055648.D

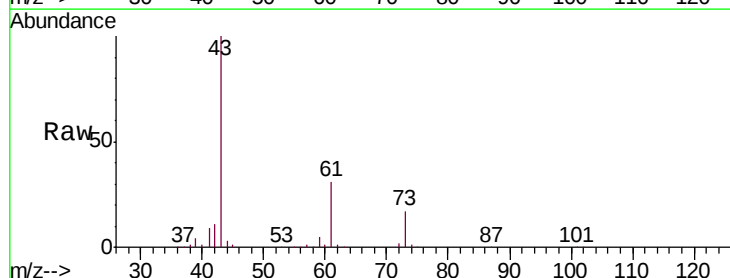
Acq: 18 May 2019 7:17

Tgt Ion: 63 Resp: 1357

Ion Ratio Lower Upper

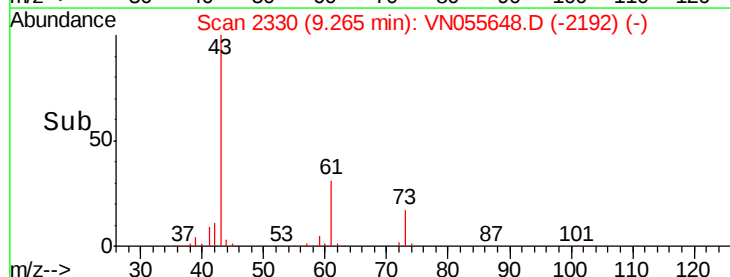
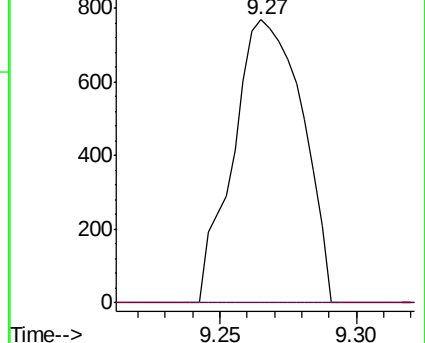
63 100

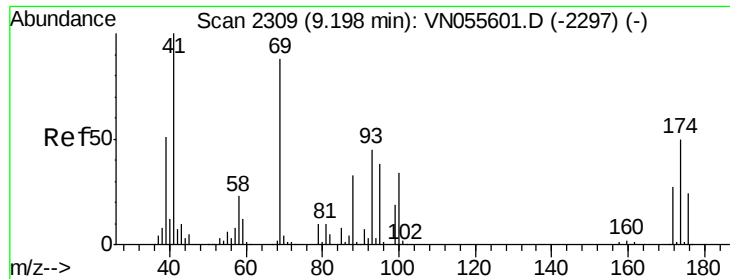
65 0.0 25.2 37.8#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

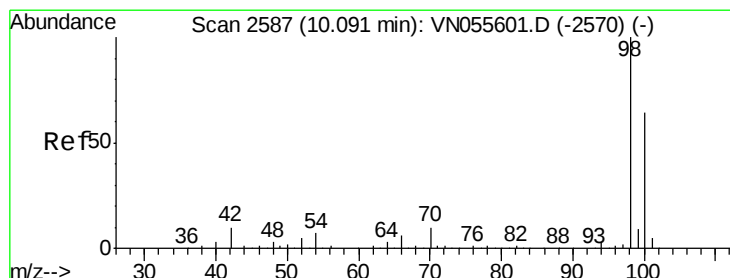
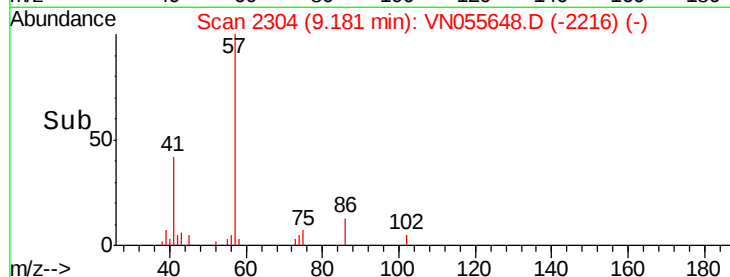
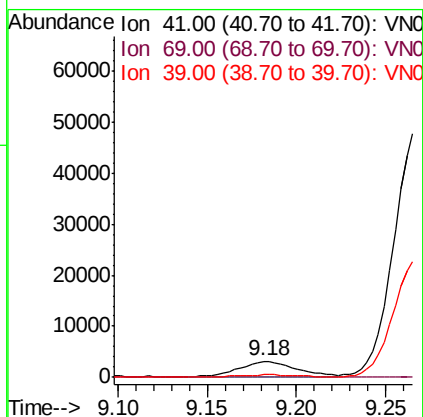
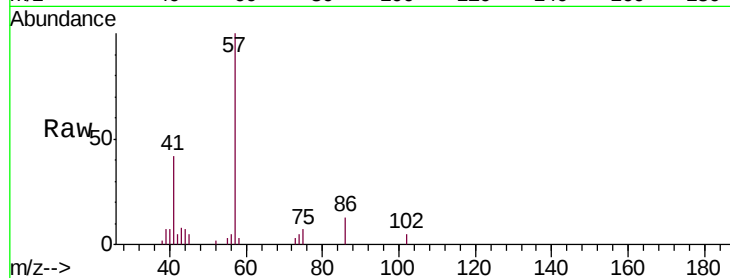




#48
Methyl methacrylate
Concen: 1.761 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN055648.D
Acq: 18 May 2019 7:17

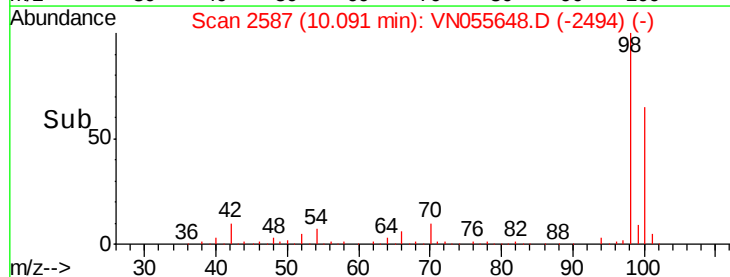
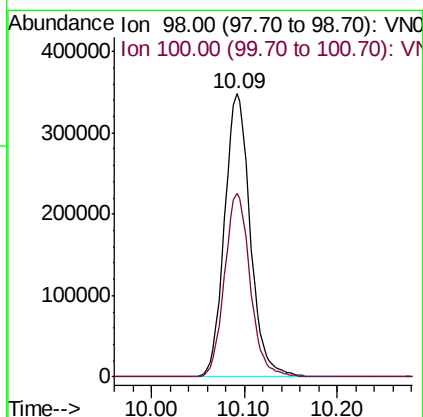
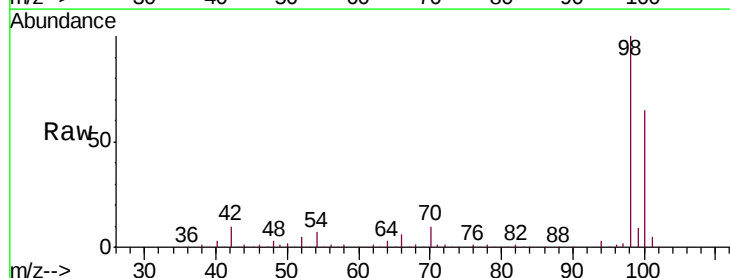
Instrument :
MSVOA_N
ClientSampleId :
OR-02-051619-B

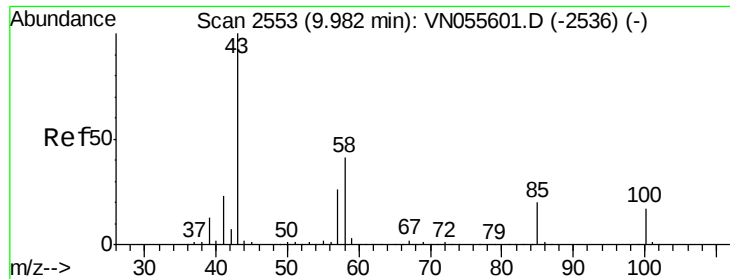
Tgt Ion: 41 Resp: 6369
Ion Ratio Lower Upper
41 100
69 0.0 74.2 111.2#
39 0.0 43.8 65.8#



#50
Toluene-d8
Concen: 48.241 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN055648.D
Acq: 18 May 2019 7:17

Tgt Ion: 98 Resp: 669783
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9

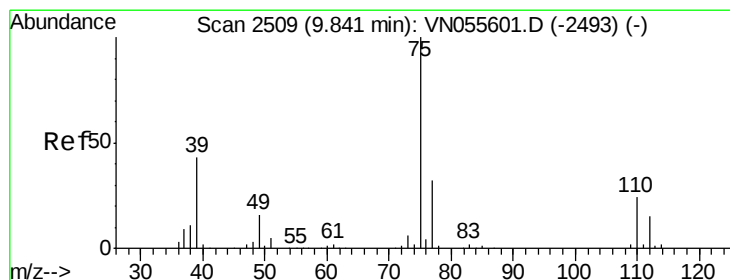
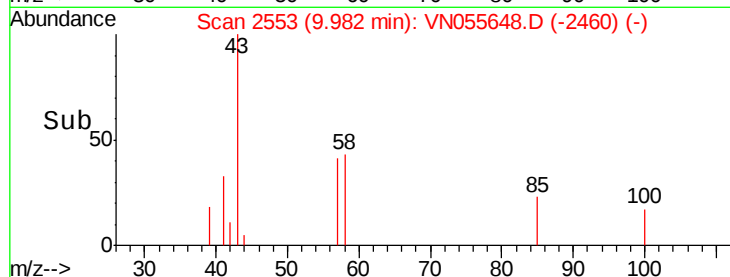
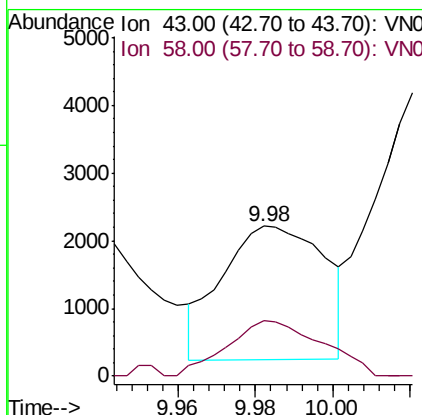
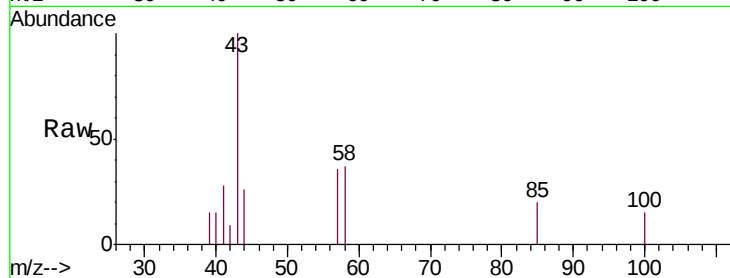




#51
4-Methyl-2-Pentanone
Concen: 0.770 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN055648.D
Acq: 18 May 2019 7:17

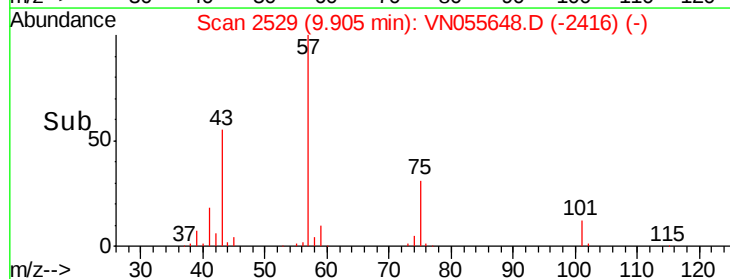
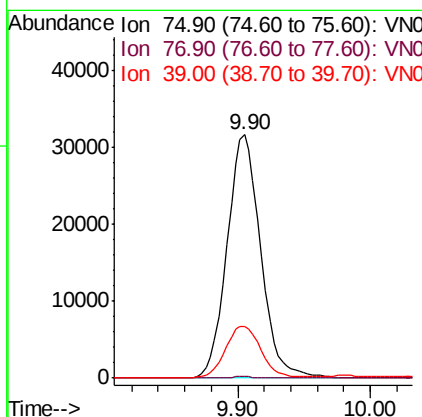
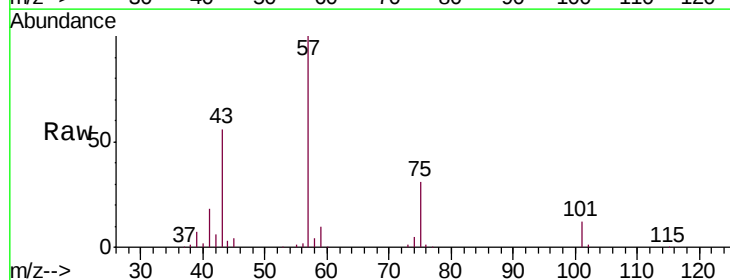
Instrument :
MSVOA_N
ClientSampleId :
OR-02-051619-B

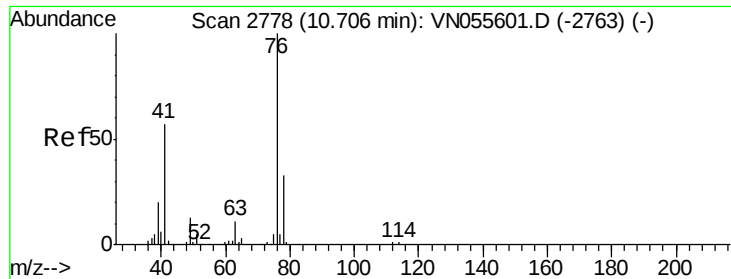
Tgt Ion: 43 Resp: 3656
Ion Ratio Lower Upper
43 100
58 38.3 32.7 49.1



#54
cis-1,3-Dichloropropene
Concen: 8.601 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN055648.D
Acq: 18 May 2019 7:17

Tgt Ion: 75 Resp: 55548
Ion Ratio Lower Upper
75 100
77 0.5 25.7 38.5#
39 21.3 34.7 52.1#

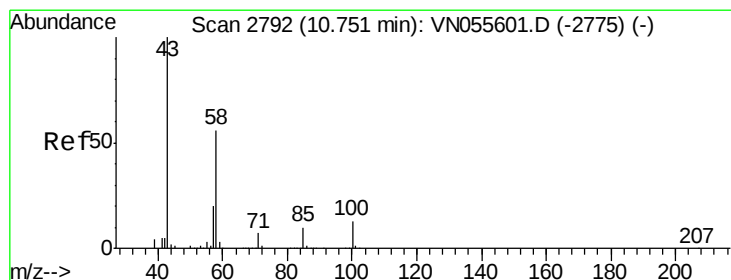
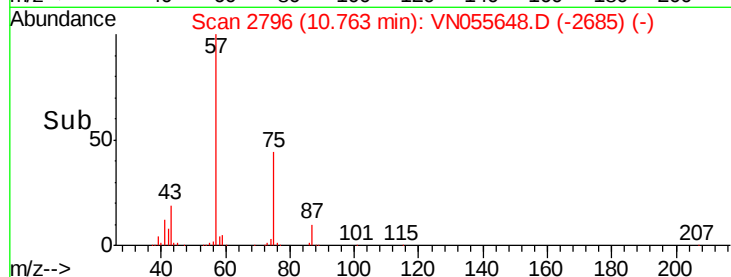
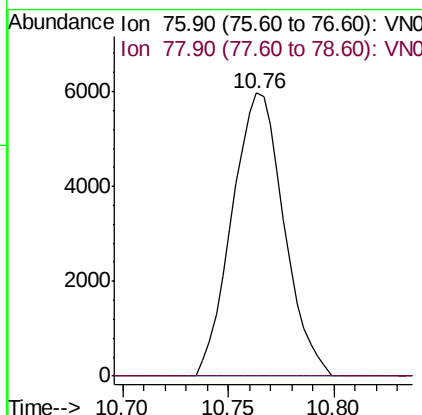
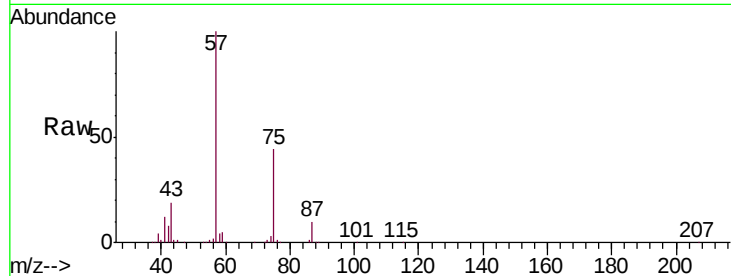




#57
 1,3-Dichloropropane
 Concen: 1.650 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN055648.D
 Acq: 18 May 2019 7:17

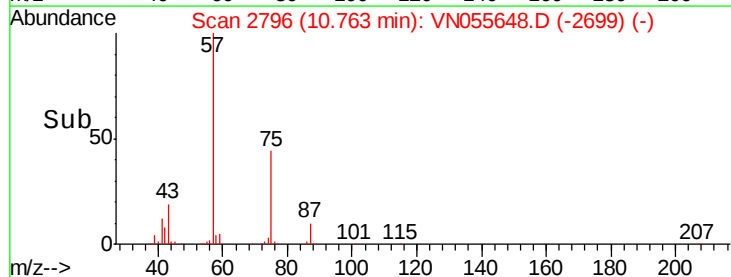
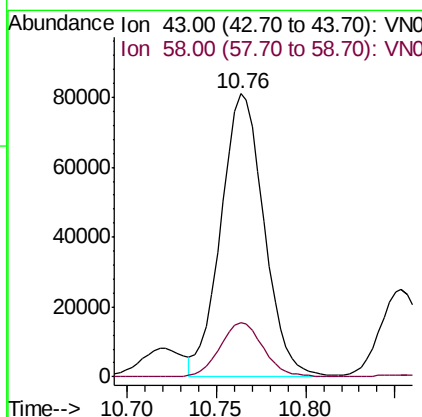
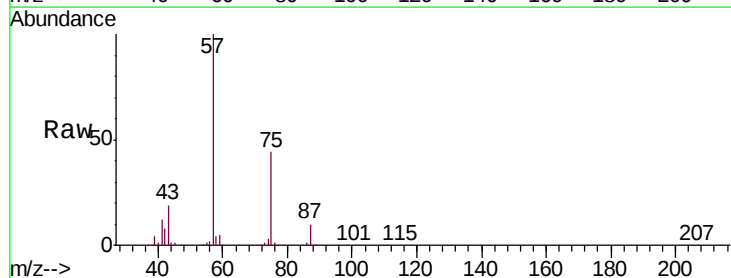
Instrument :
 MSVOA_N
 ClientSampled :
 OR-02-051619-B

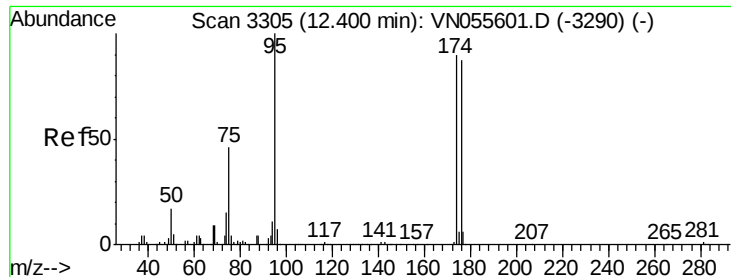
Tgt Ion: 76 Resp: 10229
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.5 39.7#



#59
 2-Hexanone
 Concen: 40.428 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN055648.D
 Acq: 18 May 2019 7:17

Tgt Ion: 43 Resp: 135061
 Ion Ratio Lower Upper
 43 100
 58 19.5 28.1 84.4#





#62

4-Bromofluorobenzene

Concen: 47.035 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055648.D

Acq: 18 May 2019 7:17

Instrument :

MSVOA_N

ClientSampled :

OR-02-051619-B

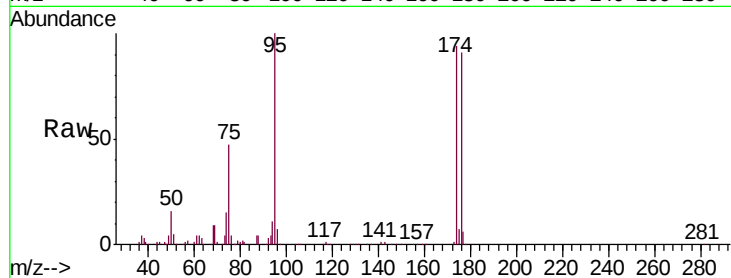
Tgt Ion: 95 Resp: 225504

Ion Ratio Lower Upper

95 100

174 94.3 0.0 180.6

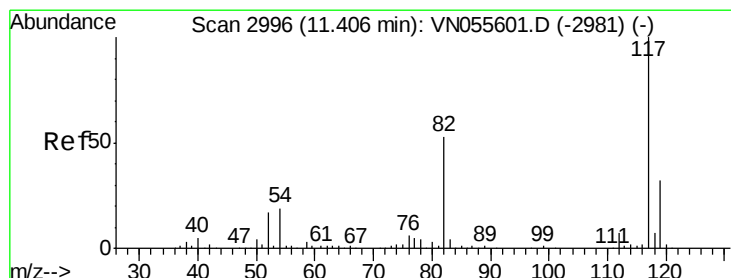
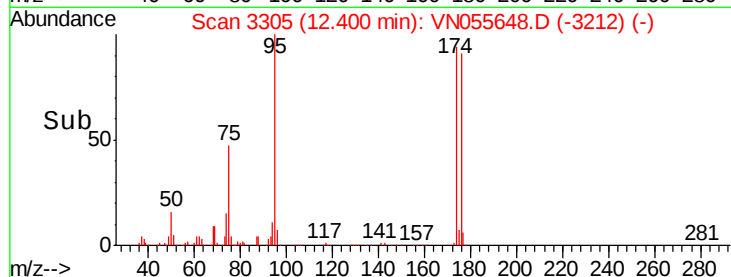
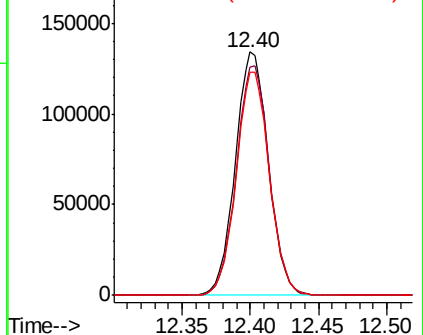
176 91.5 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN055601.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN055601.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN055601.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN055648.D

Acq: 18 May 2019 7:17

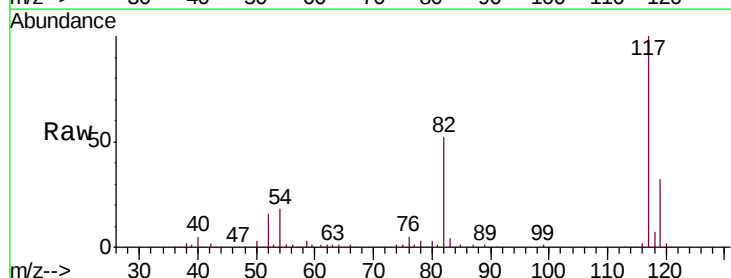
Tgt Ion: 117 Resp: 499352

Ion Ratio Lower Upper

117 100

82 52.1 42.3 63.5

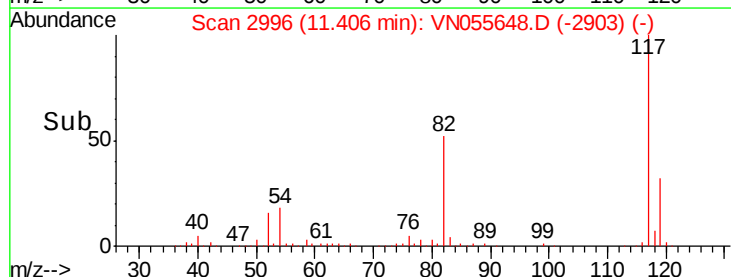
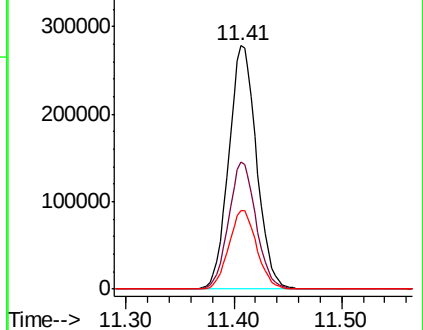
119 32.4 25.4 38.2

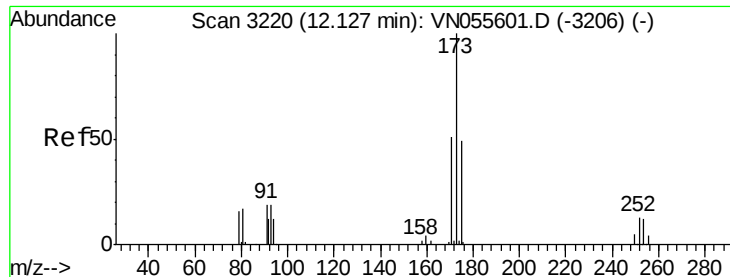


Abundance Ion 116.90 (116.60 to 117.60): VN055601.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055601.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN055601.D (-2981) (-)





#71

Bromoform

Concen: 0.408 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN055648.D

Acq: 18 May 2019 7:17

Instrument :

MSVOA_N

ClientSampleId :

OR-02-051619-B

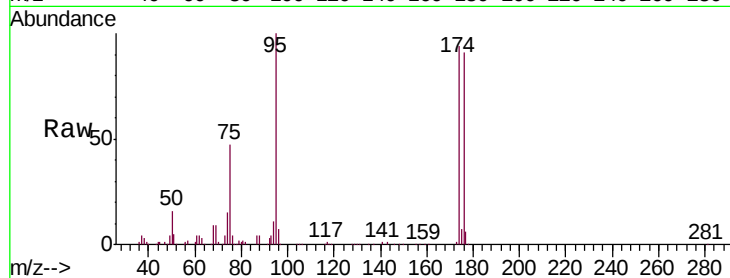
Tgt Ion:173 Resp: 1406

Ion Ratio Lower Upper

173 100

175 943.3 24.3 72.9#

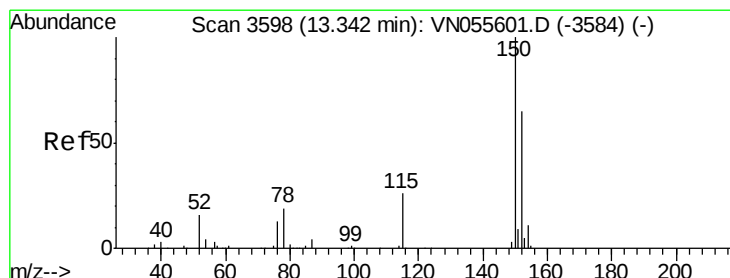
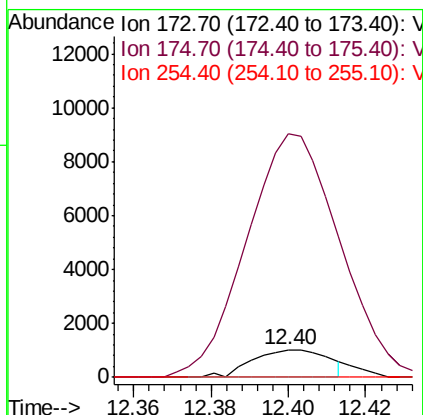
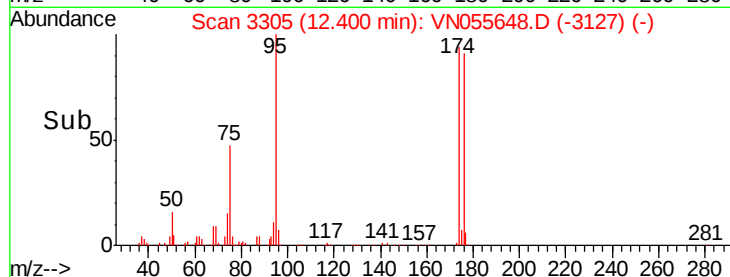
254 0.0 0.1 0.1#



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: VN055648.D

Acq: 18 May 2019 7:17

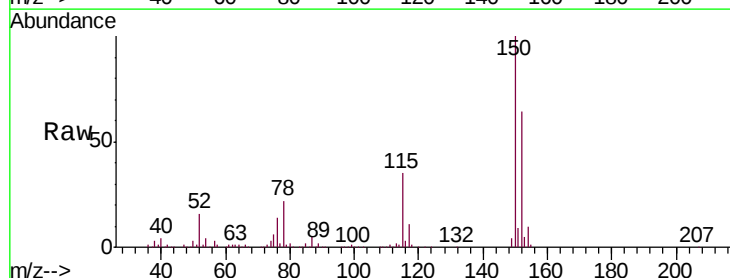
Tgt Ion:152 Resp: 214769

Ion Ratio Lower Upper

152 100

115 55.5 28.1 84.2

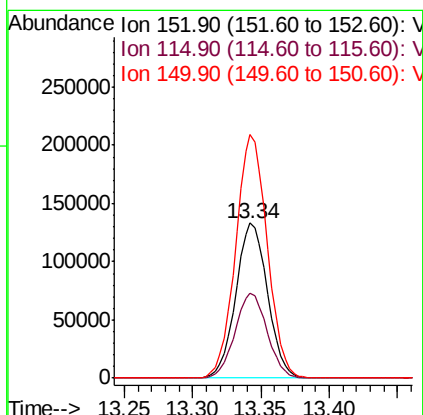
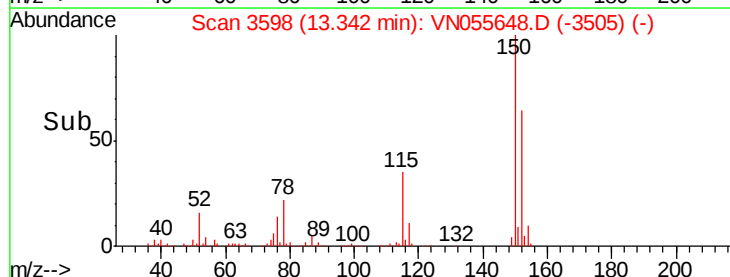
150 156.1 0.0 348.0

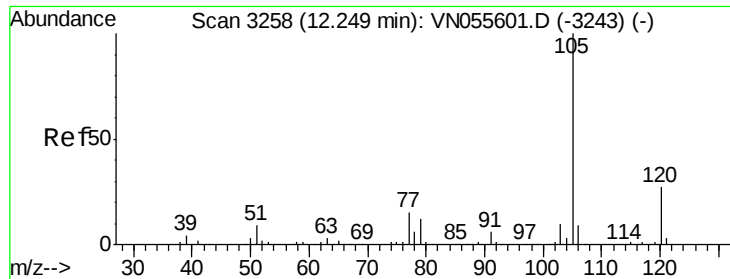


Abundance Ion 151.90 (151.60 to 152.60): V

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# 3257

Delta R.T. -0.00 min

Lab File: VN055648.D

Acq: 18 May 2019 7:17

Instrument :

MSVOA_N

ClientSampleId :

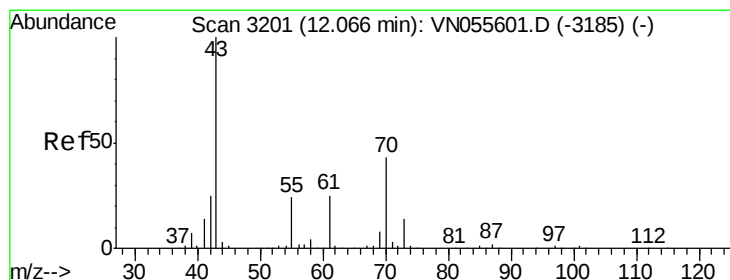
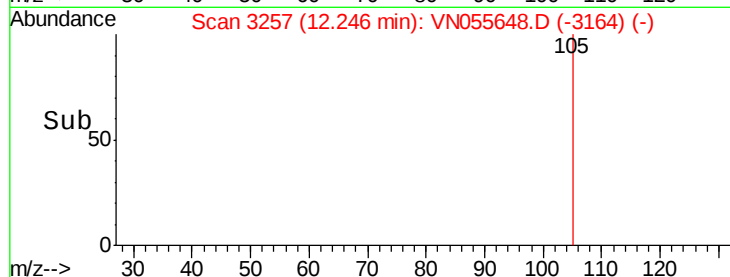
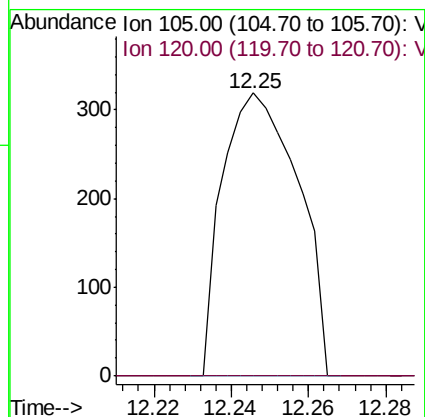
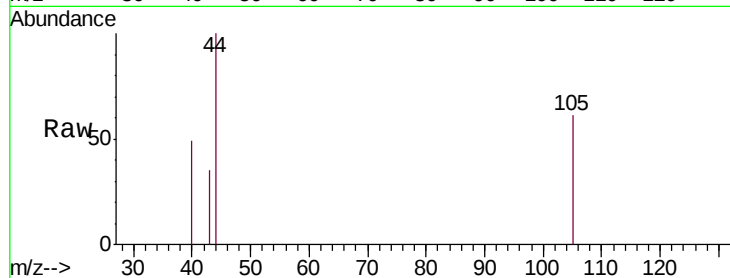
OR-02-051619-B

Tgt Ion: 105 Resp: 434

Ion Ratio Lower Upper

105 100

120 0.0 13.4 40.2#



#74

N-ethyl acetate

Concen: 2.189 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN055648.D

Acq: 18 May 2019 7:17

Tgt Ion: 43 Resp: 13202

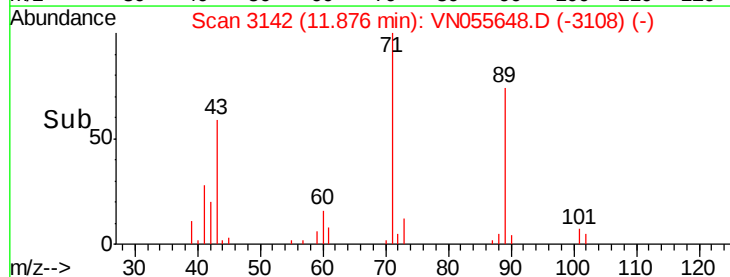
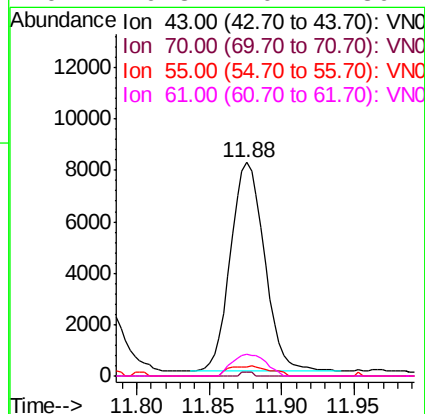
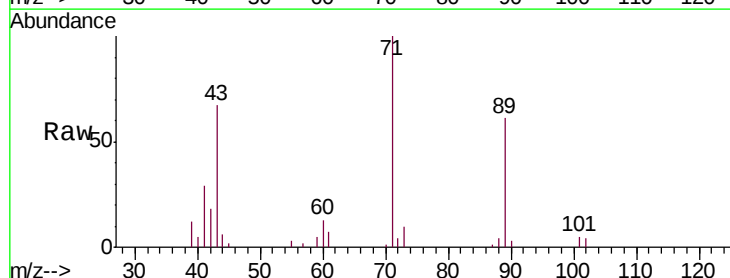
Ion Ratio Lower Upper

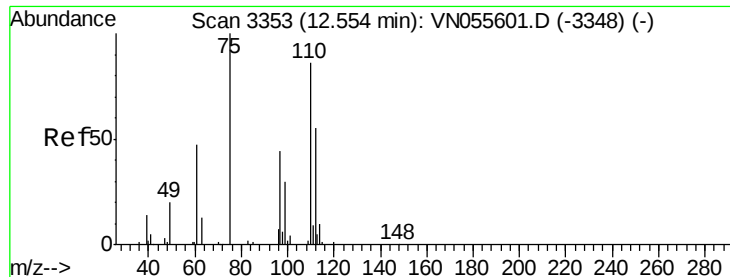
43 100

70 0.7 35.0 52.6#

55 5.7 18.9 28.3#

61 10.3 20.1 30.1#





#76

1,2,3-Trichloropropane

Concen: 23.866 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055648.D

Acq: 18 May 2019 7:17

Instrument :

MSVOA_N

ClientSampleId :

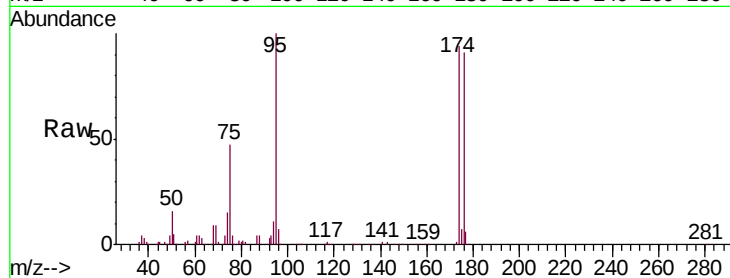
OR-02-051619-B

Tgt Ion: 75 Resp: 104592

Ion Ratio Lower Upper

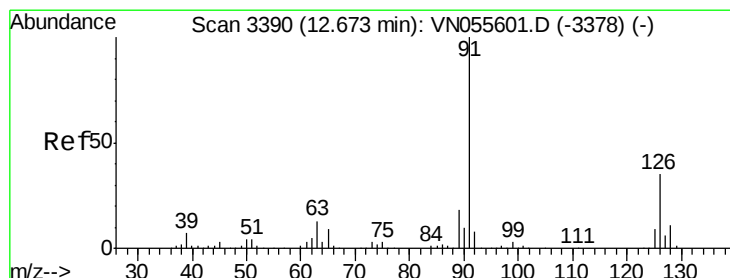
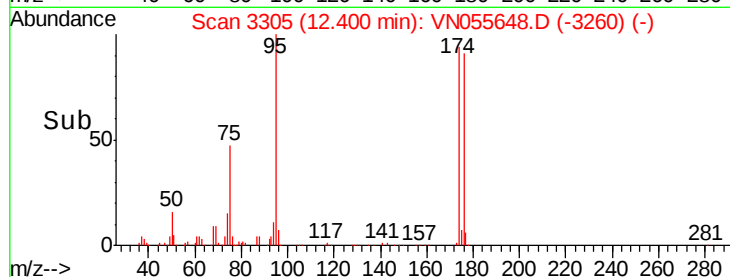
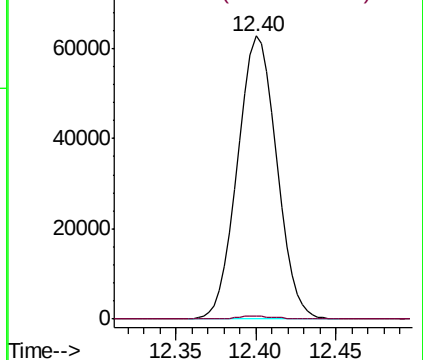
75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.67 min Scan# 3388

Delta R.T. -0.01 min

Lab File: VN055648.D

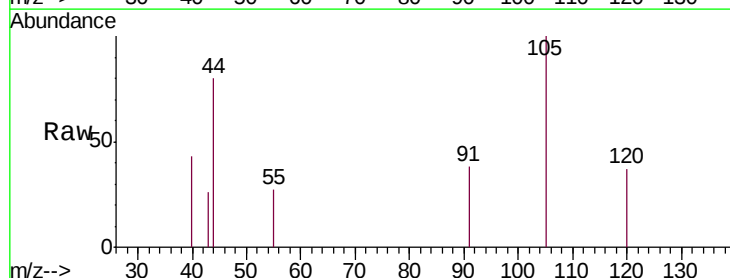
Acq: 18 May 2019 7:17

Tgt Ion: 91 Resp: 337

Ion Ratio Lower Upper

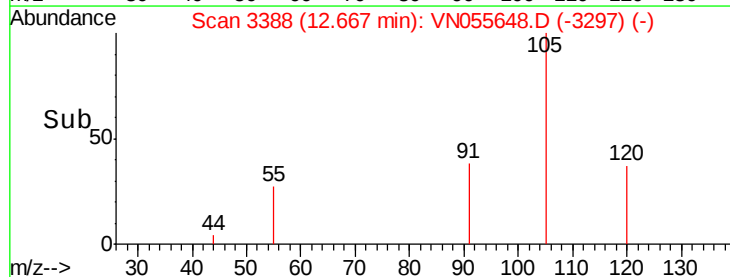
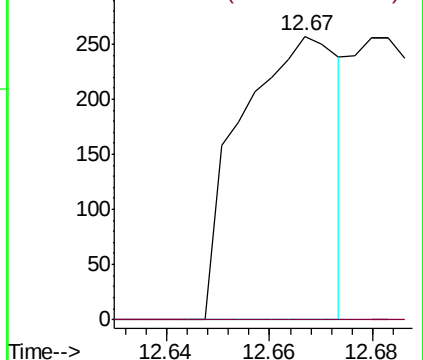
91 100

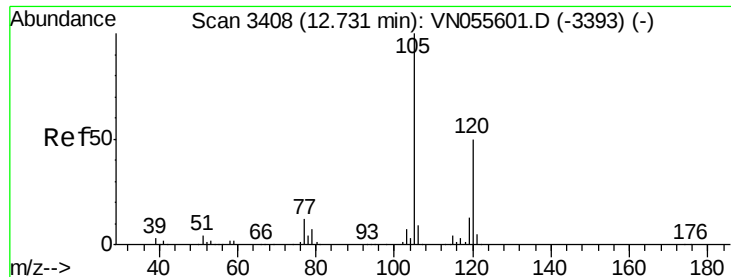
126 0.0 17.8 53.4#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055648.D

Acq: 18 May 2019 7:17

Instrument :

MSVOA_N

ClientSampleId :

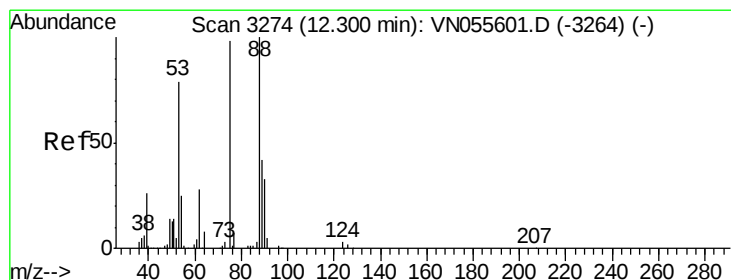
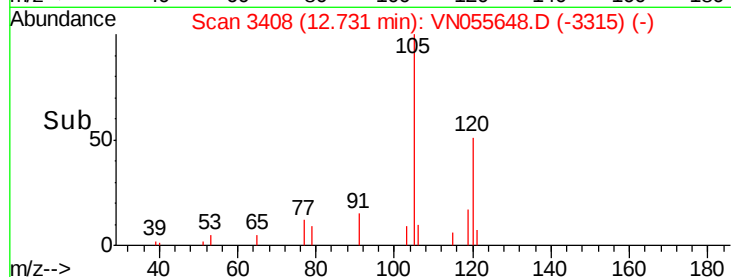
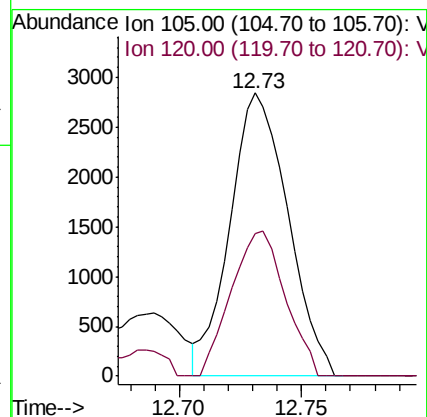
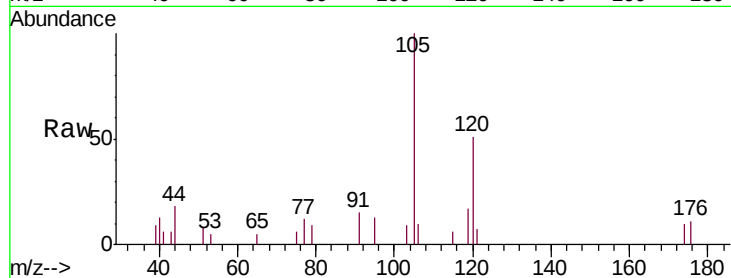
OR-02-051619-B

Tgt Ion: 105 Resp: 4697

Ion Ratio Lower Upper

105 100

120 47.7 24.6 74.0



#81

trans-1,4-Dichloro-2-butene

Concen: 61.351 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055648.D

Acq: 18 May 2019 7:17

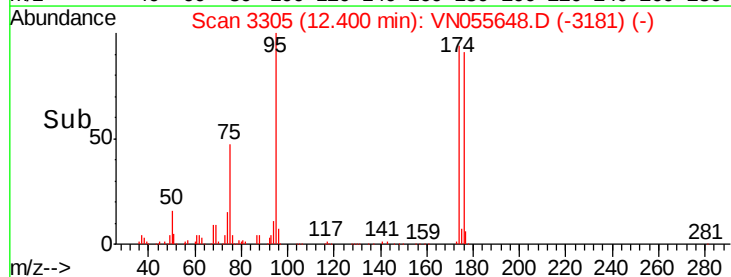
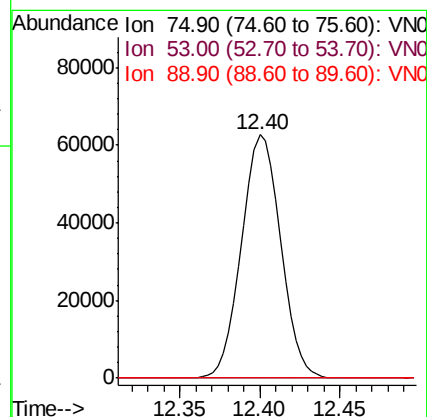
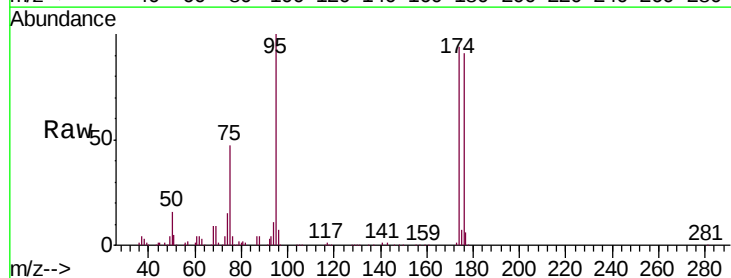
Tgt Ion: 75 Resp: 104592

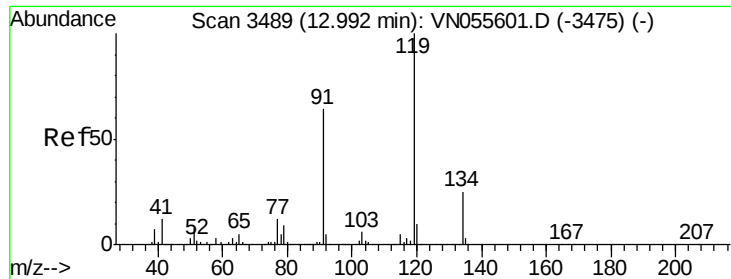
Ion Ratio Lower Upper

75 100

53 0.0 65.1 97.7#

89 0.0 36.4 54.6#

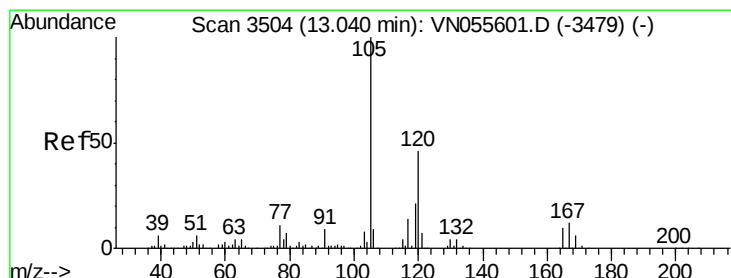
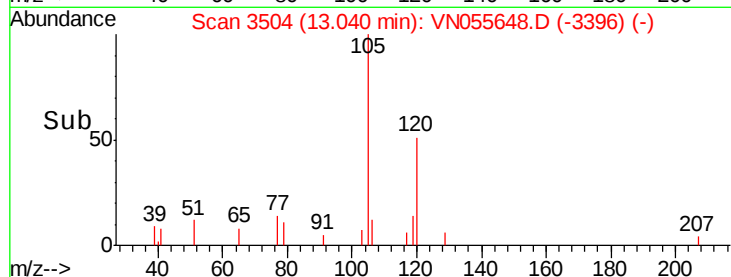
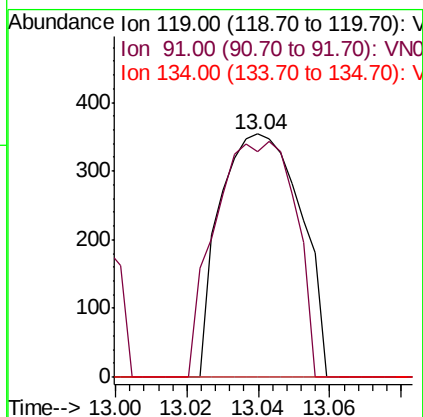
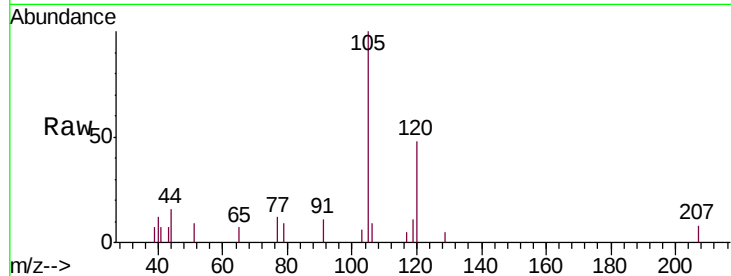




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.05 min
 Lab File: VN055648.D
 Acq: 18 May 2019 7:17

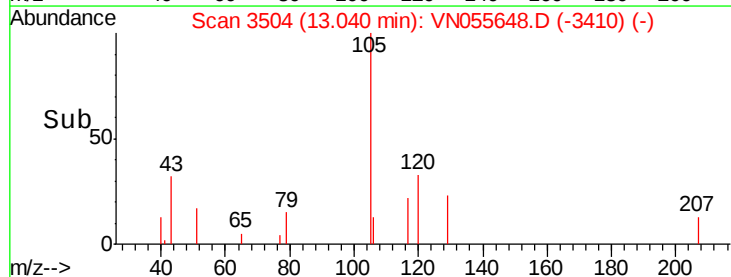
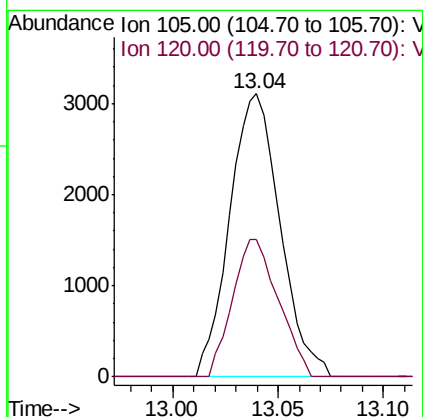
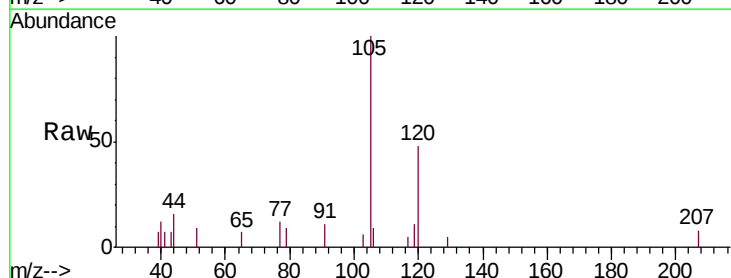
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-051619-B

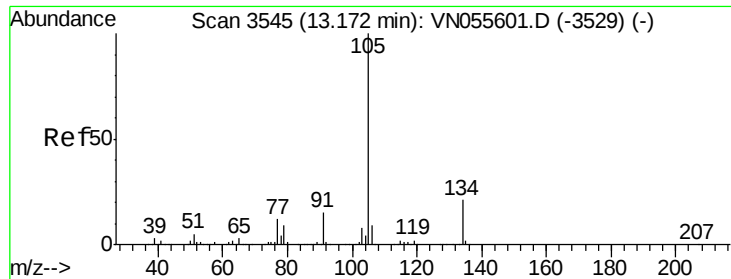
Tgt Ion:119 Resp: 552
 Ion Ratio Lower Upper
 119 100
 91 96.2 31.3 93.8#
 134 0.0 13.2 39.6#



#84
 1,2,4-Trimethylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055648.D
 Acq: 18 May 2019 7:17

Tgt Ion:105 Resp: 5158
 Ion Ratio Lower Upper
 105 100
 120 44.0 23.1 69.2





#85

sec-Butylbenzene

Concen: Below Cal

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055648.D

Acq: 18 May 2019 7:17

Instrument :

MSVOA_N

ClientSampleId :

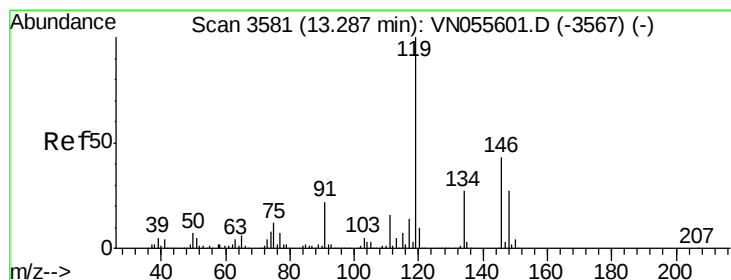
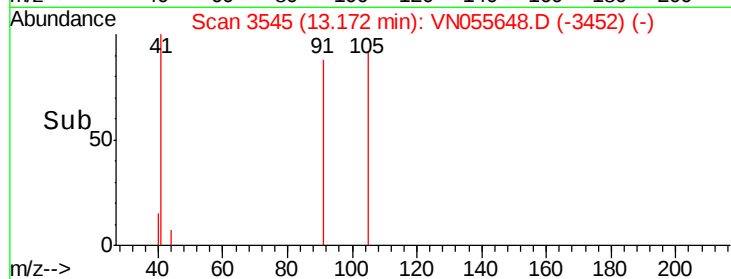
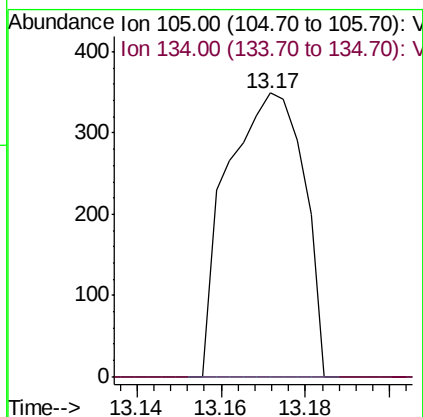
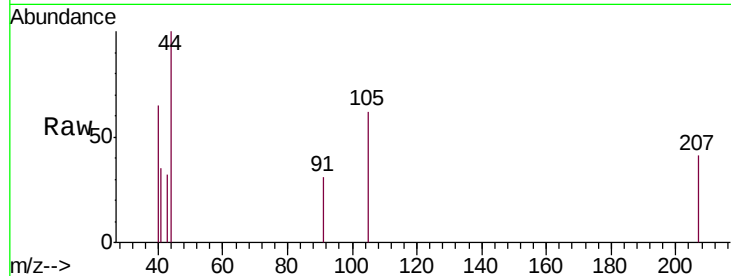
OR-02-051619-B

Tgt Ion:105 Resp: 441

Ion Ratio Lower Upper

105 100

134 0.0 10.3 30.9#



#86

p-Isopropyltoluene

Concen: Below Cal

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN055648.D

Acq: 18 May 2019 7:17

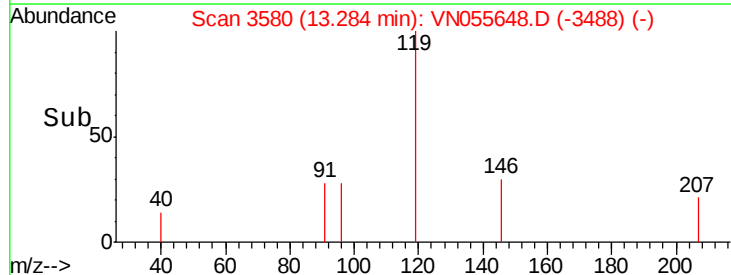
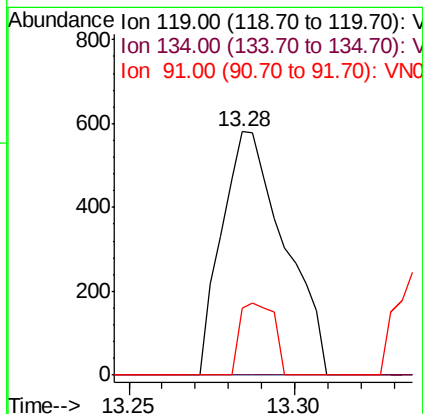
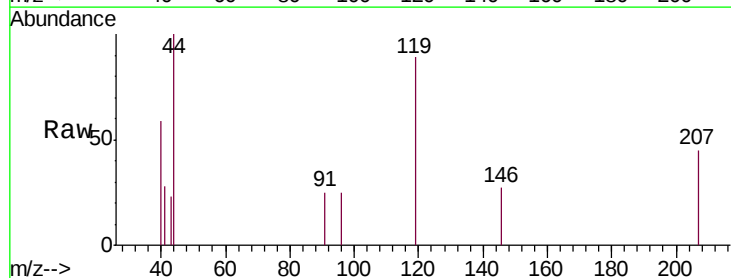
Tgt Ion:119 Resp: 765

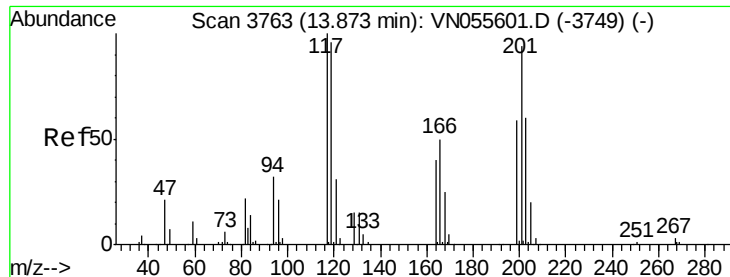
Ion Ratio Lower Upper

119 100

134 0.0 13.4 40.2#

91 16.2 11.0 33.0





#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3769

Delta R.T. 0.02 min

Lab File: VN055648.D

Acq: 18 May 2019 7:17

Instrument :

MSVOA_N

ClientSampleId :

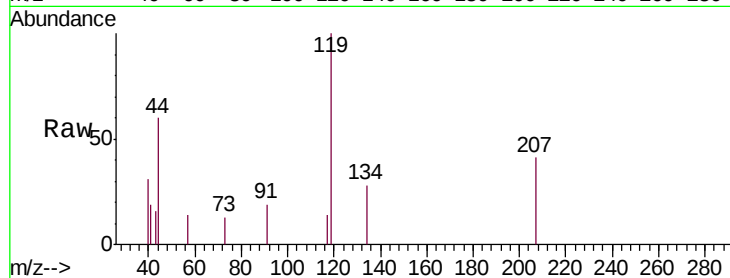
OR-02-051619-B

Tgt Ion:117 Resp: 61

Ion Ratio Lower Upper

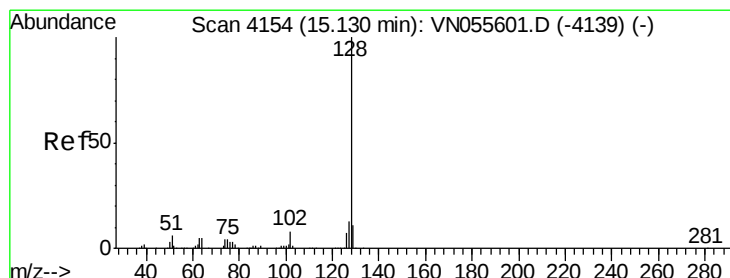
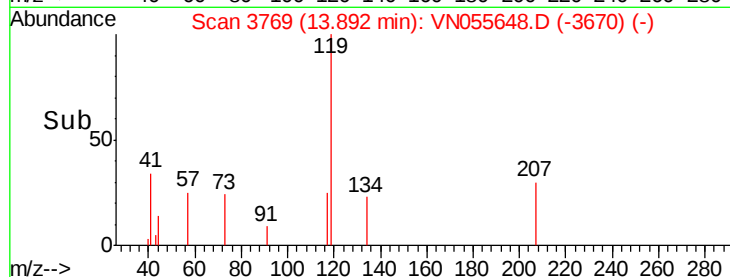
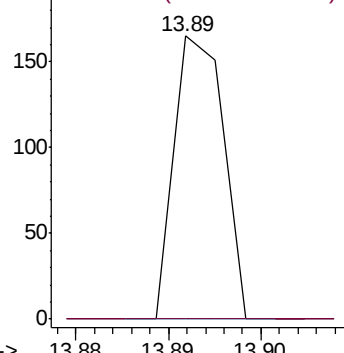
117 100

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



#95

Naphthalene

Concen: 2.470 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055648.D

Acq: 18 May 2019 7:17

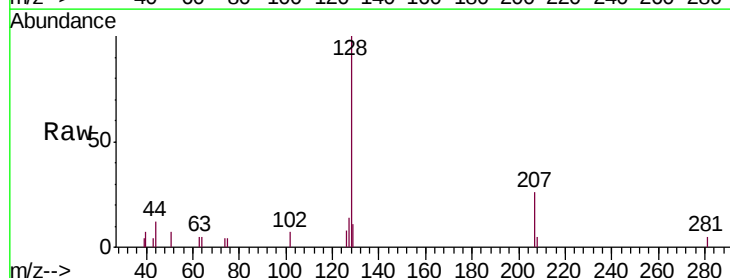
Tgt Ion:128 Resp: 8167

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 10.6 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

