

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111319\
 Data File : VN059211.D
 Acq On : 13 Nov 2019 15:58
 Operator : JC/SP
 Sample : K5814-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 40189

Quant Time: Nov 22 04:02:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	405367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	644160	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	560402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	218185	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	268397	53.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.72%	
35) Dibromofluoromethane	7.56	113	205929	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	
50) Toluene-d8	10.08	98	799493	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	
62) 4-Bromofluorobenzene	12.40	95	262662	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.75	59	794	0.836	ug/l #	72
16) Acetone	3.79	43	26270	10.138	ug/l	98
19) Methyl tert-butyl Ether	5.01	73	60187	4.623	ug/l	99
20) Methylene Chloride	4.52	84	3371	0.747	ug/l #	93
22) Diisopropyl ether	5.92	45	37391	2.548	ug/l	90
23) Vinyl Acetate	5.91	43	9548	0.840	ug/l #	74
25) 2-Butanone	6.82	43	1150	0.337	ug/l #	50
29) Tetrahydrofuran	7.19	42	1032	0.476	ug/l #	45
31) Cyclohexane	7.64	56	10924	1.408	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	31666	5.259	ug/l #	49
38) Carbon Tetrachloride	7.64	117	39305	6.559	ug/l #	17
39) Methylcyclohexane	9.07	83	2676	0.383	ug/l	98
40) Benzene	8.02	78	9919	0.547	ug/l	100
43) Isopropyl Acetate	8.21	43	30885	2.892	ug/l #	23
52) Toluene	10.14	92	22928	2.110	ug/l	97
55) 1,1,2-Trichloroethane	10.52	97	1360	0.309	ug/l #	14
56) Ethyl methacrylate	10.42	69	65	1.882	ug/l #	1
69) o-Xylene	11.94	106	164101	23.388	ug/l	98
70) Styrene	11.94	104	9516	0.862	ug/l #	1
71) Bromoform	12.40	173	1362	0.427	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	129565	26.083	ug/l #	100
79) 2-Chlorotoluene	12.69	91	5055	0.448	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.73	105	128014	9.519	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	129565	68.893	ug/l #	13
82) 4-Chlorotoluene	12.73	91	12517	1.107	ug/l #	43
84) 1,2,4-Trimethylbenzene	12.89	105	173656	13.347	ug/l	76
85) sec-Butylbenzene	13.38	105	199984	13.240	ug/l #	57
86) p-Isopropyltoluene	13.24	119	13754	1.031	ug/l	95
89) n-Butylbenzene	13.58	91	19133	1.639	ug/l #	1
90) Hexachloroethane	13.89	117	6727	2.512	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	14.26	75	550	0.536	ug/l #	3
93) 1,2,4-Trichlorobenzene	14.92	180	1064	3.292	ug/l #	1
95) Naphthalene	15.13	128	4989	3.459	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.29	180	1518	0.403	ug/l #	74

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111319\
Data File : VN059211.D
Acq On : 13 Nov 2019 15:58
Operator : JC/SP
Sample : K5814-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
40189

Quant Time: Nov 22 04:02:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration

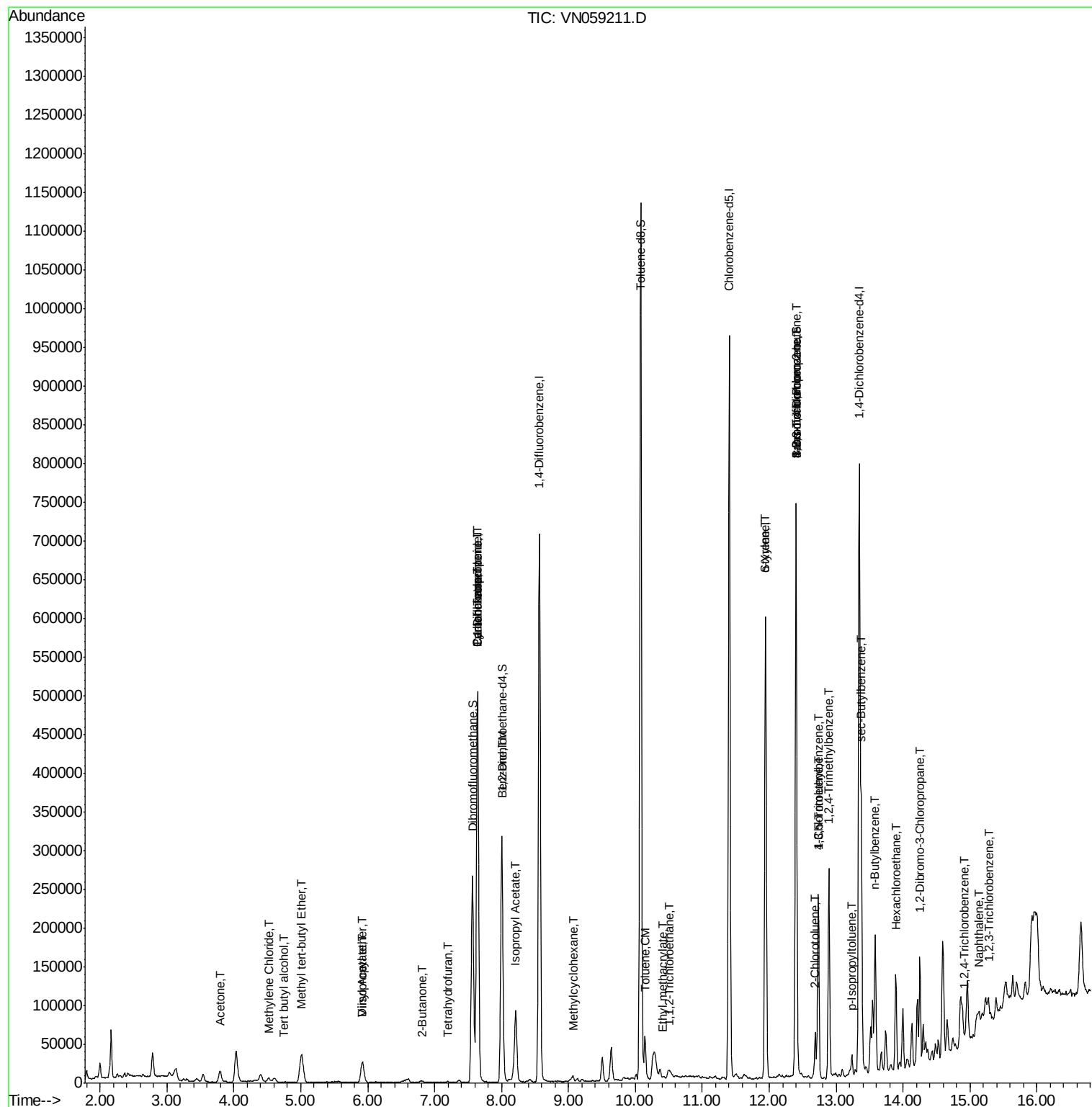
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

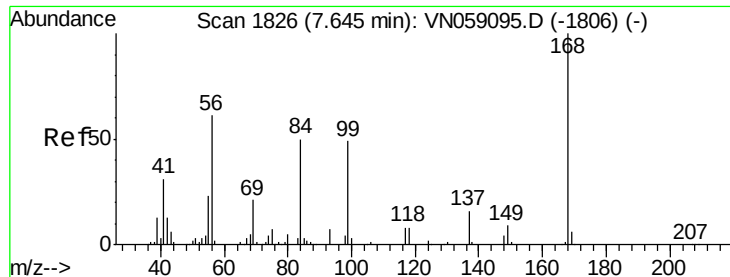
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111319\
Data File : VN059211.D
Acq On : 13 Nov 2019 15:58
Operator : JC/SP
Sample : K5814-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
40189

Quant Time: Nov 22 04:02:30 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN059211.D

Acq: 13 Nov 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

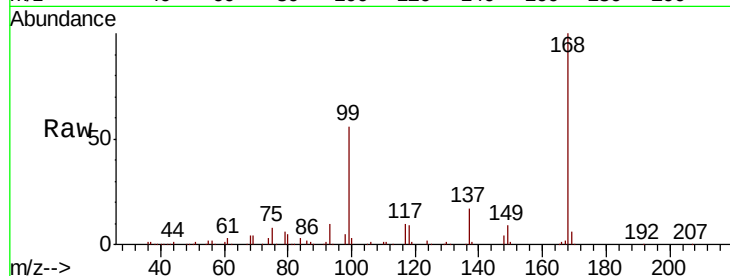
40189

Tot Ion:168 Resp: 405367

Ion Ratio Lower Upper

168 100

99 56.4 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VN059095.D (-1806) (-)

Ion 98.90 (98.60 to 99.60): VN059095.D (-1806) (-)

7.64

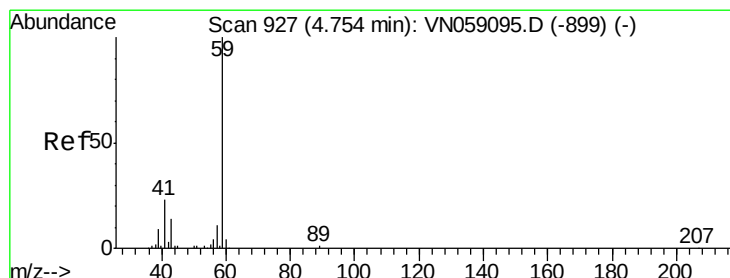
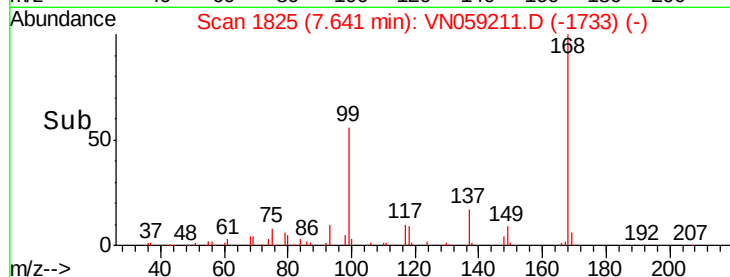
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.836 ug/l

RT: 4.75 min Scan# 925

Delta R.T. -0.01 min

Lab File: VN059211.D

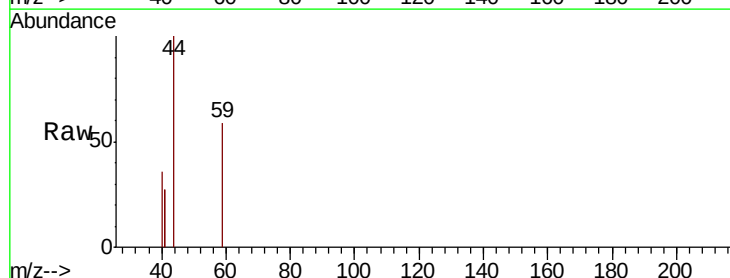
Acq: 13 Nov 2019 15:58

Tgt Ion: 59 Resp: 794

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN059095.D (-899) (-)

Ion 57.00 (56.70 to 57.70): VN059095.D (-899) (-)

4.75

400

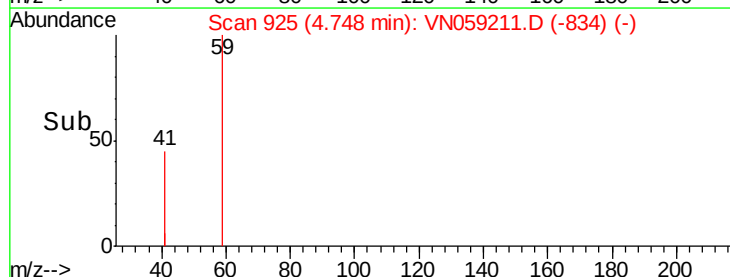
300

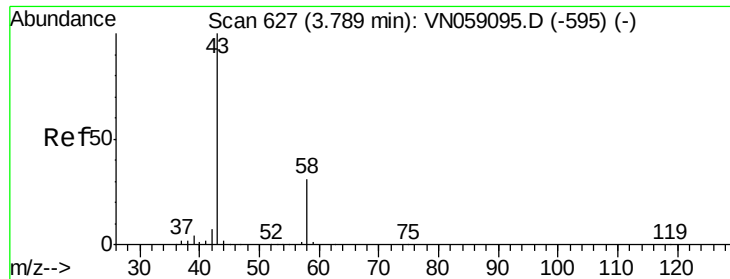
200

100

0

Time-->





#16

Acetone

Concen: 10.138 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN059211.D

Acq: 13 Nov 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

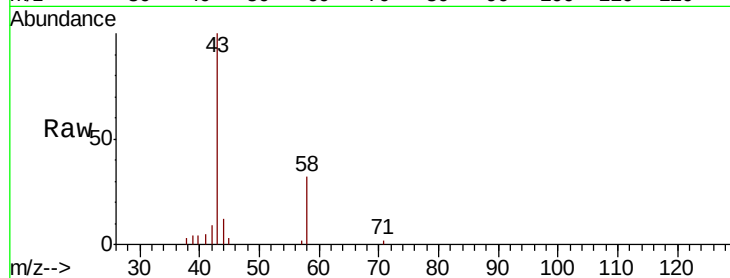
40189

Tot Ion: 43 Resp: 26270

Ion Ratio Lower Upper

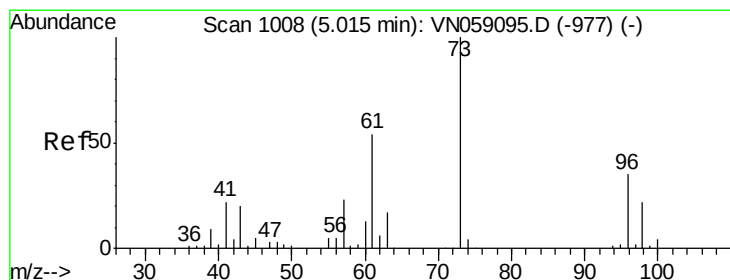
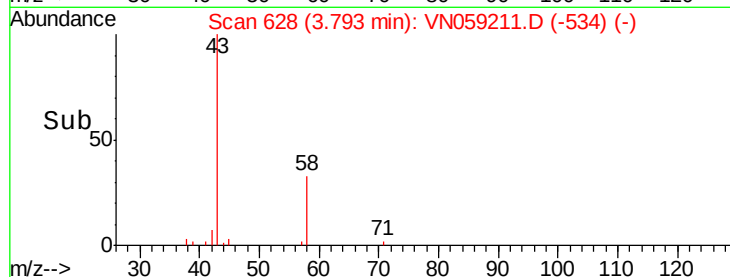
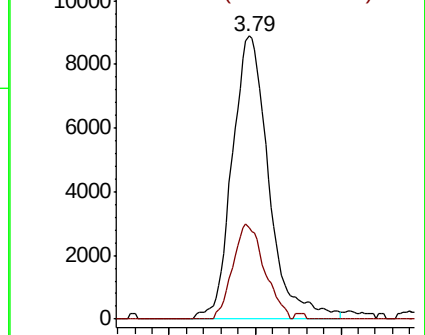
43 100

58 32.3 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#19

Methyl tert-butyl Ether

Concen: 4.623 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: VN059211.D

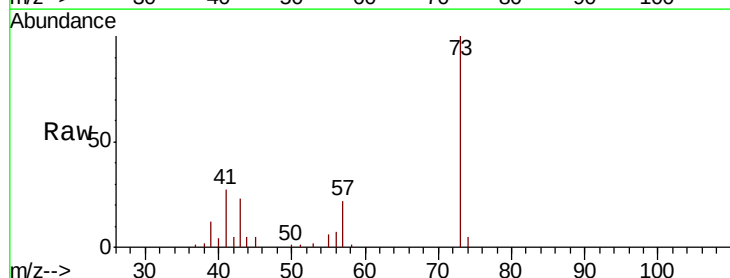
Acq: 13 Nov 2019 15:58

Tgt Ion: 73 Resp: 60187

Ion Ratio Lower Upper

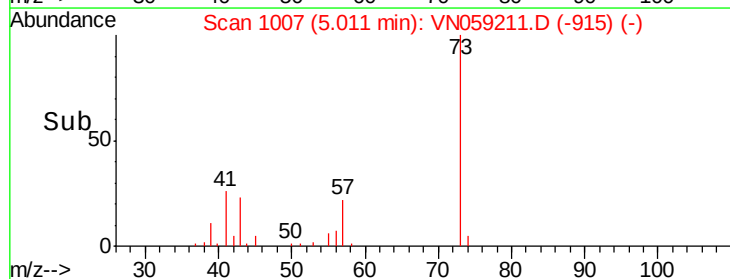
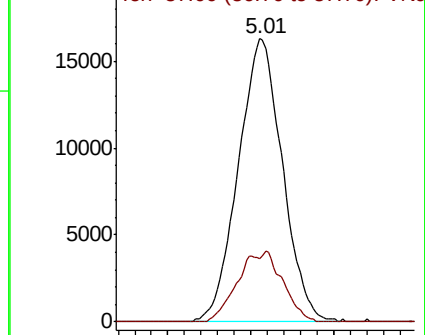
73 100

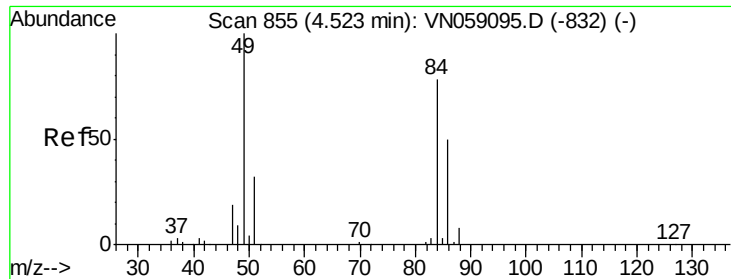
57 22.5 18.4 27.6



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

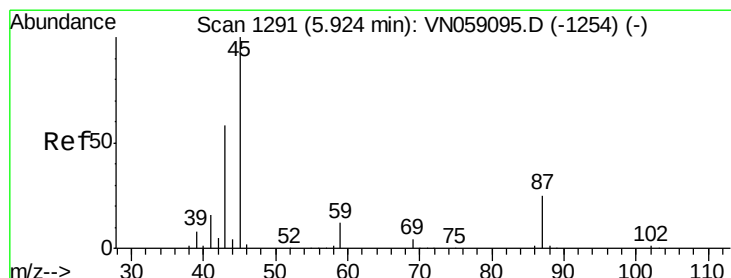
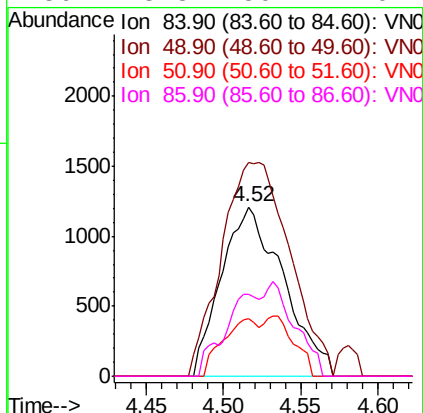
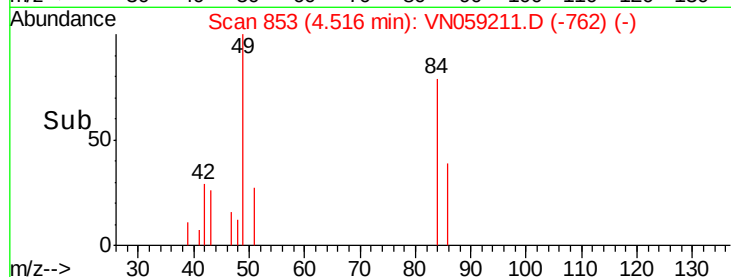
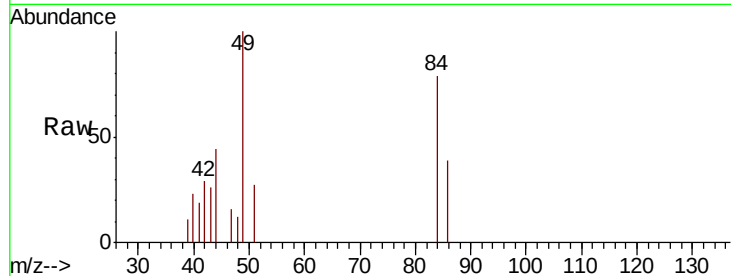




#20
Methvlene Chloride
Concen: 0.747 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN059211.D
Acq: 13 Nov 2019 15:58

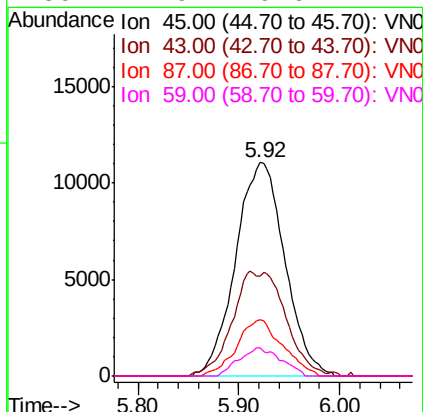
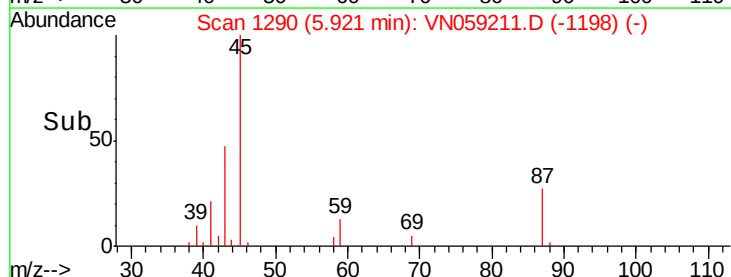
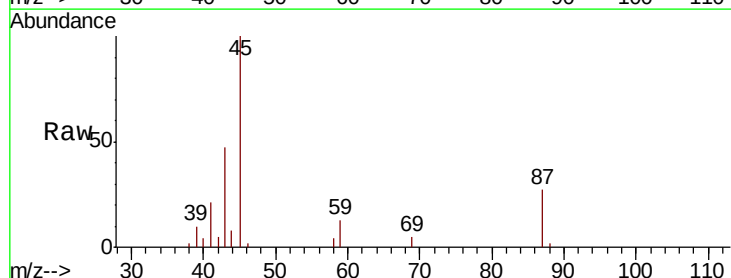
Instrument :
MSVOA_N
ClientSampled :
40189

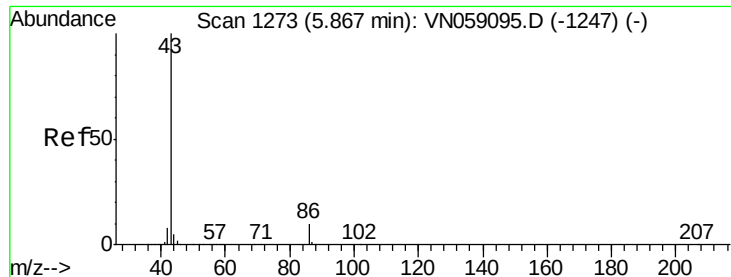
Tot Ion: 84 Resp: 3371
Ion Ratio Lower Upper
84 100
49 126.3 102.0 153.0
51 34.1 32.2 48.2
86 48.8 50.7 76.1#



#22
Diisopropyl ether
Concen: 2.548 ug/l
RT: 5.92 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VN059211.D
Acq: 13 Nov 2019 15:58

Tgt Ion: 45 Resp: 37391
Ion Ratio Lower Upper
45 100
43 47.0 46.7 70.1
87 26.6 20.5 30.7
59 12.9 9.6 14.4





#23

Vinyl Acetate

Concen: 0.840 ug/l

RT: 5.91 min Scan# 1287

Delta R.T. 0.04 min

Lab File: VN059211.D

Acq: 13 Nov 2019 15:58

Instrument :

MSVOA_N

ClientSampled :

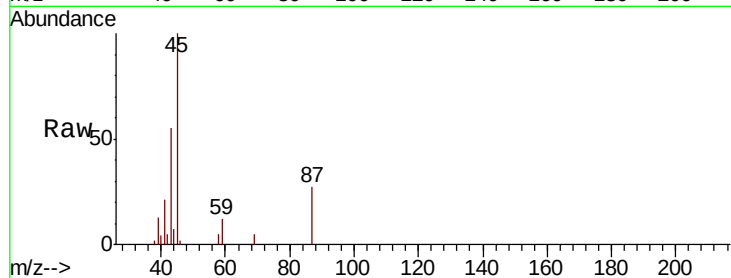
40189

Tot Ion: 43 Resp: 9548

Ion Ratio Lower Upper

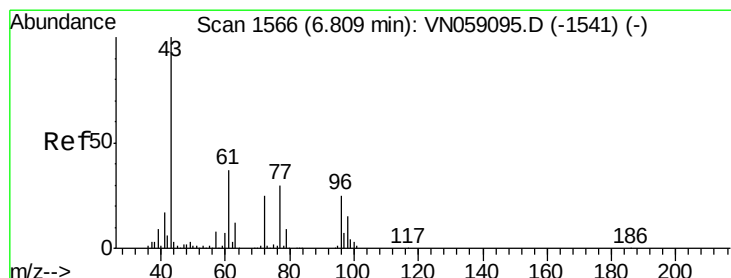
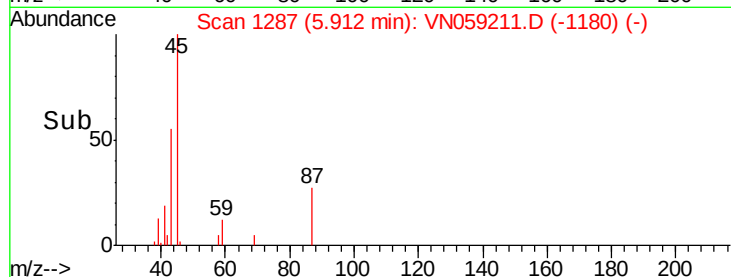
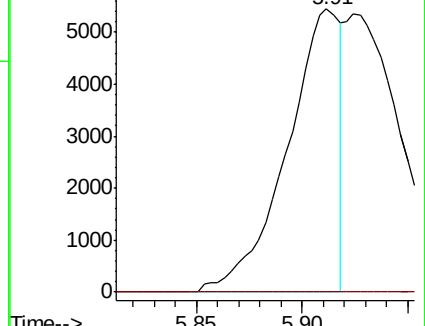
43 100

86 0.0 7.7 11.5#



Abundance Ion 43.00 (42.70 to 43.70): VN059211.D (-1180) (-)

Ion 86.00 (85.70 to 86.70): VN059211.D (-1180) (-)



#25

2-Butanone

Concen: 0.337 ug/l

RT: 6.82 min Scan# 1568

Delta R.T. 0.01 min

Lab File: VN059211.D

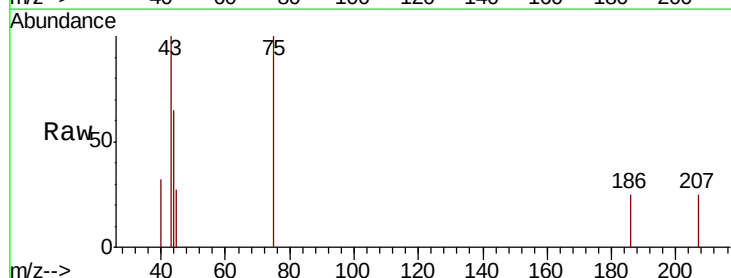
Acq: 13 Nov 2019 15:58

Tgt Ion: 43 Resp: 1150

Ion Ratio Lower Upper

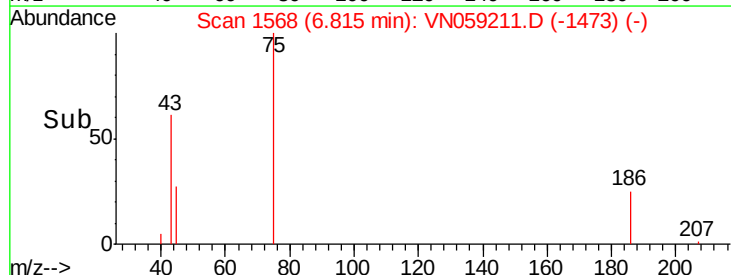
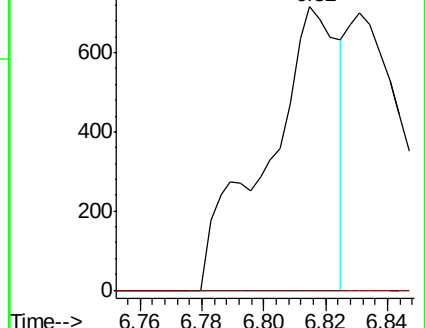
43 100

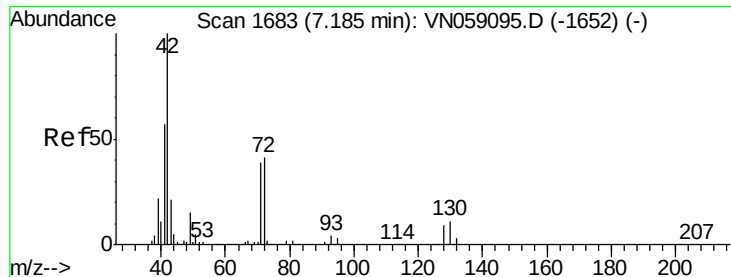
72 0.0 20.3 30.5#



Abundance Ion 43.00 (42.70 to 43.70): VN059211.D (-1473) (-)

Ion 72.00 (71.70 to 72.70): VN059211.D (-1473) (-)





#29

Tetrahydrofuran

Concen: 0.476 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.01 min

Lab File: VN059211.D

Acq: 13 Nov 2019 15:58

Instrument :

MSVOA_N

ClientSampled :

40189

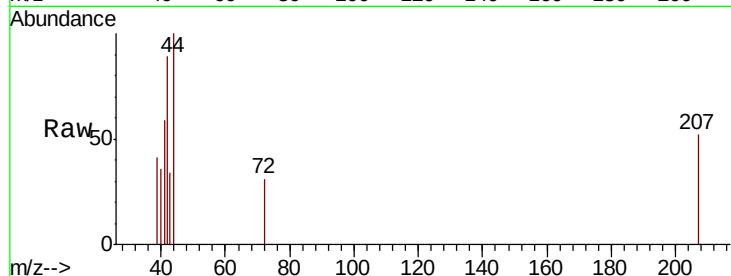
Tot Ion: 42 Resp: 1032

Ion Ratio Lower Upper

42 100

72 9.0 33.1 49.7#

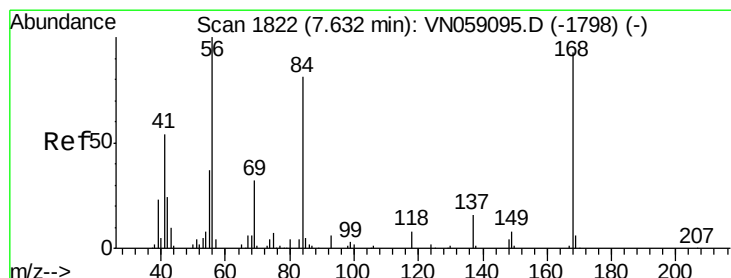
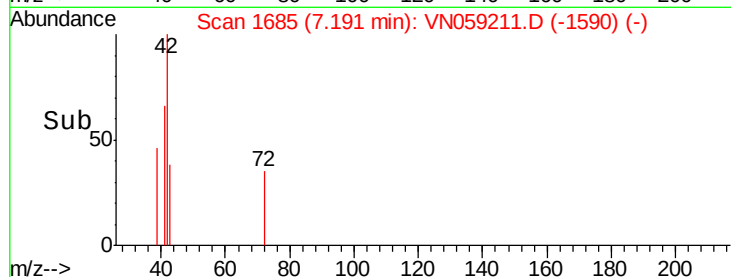
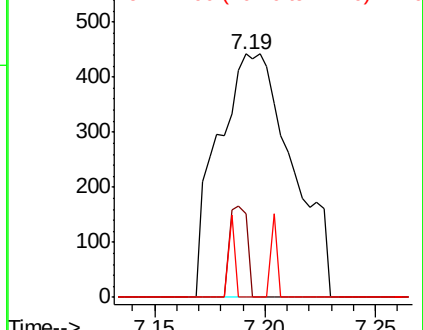
71 2.8 30.9 46.3#



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



#31

Cyclohexane

Concen: 1.408 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VN059211.D

Acq: 13 Nov 2019 15:58

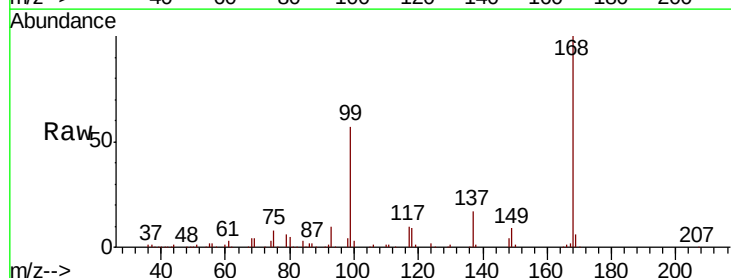
Tgt Ion: 56 Resp: 10924

Ion Ratio Lower Upper

56 100

69 166.2 25.8 38.8#

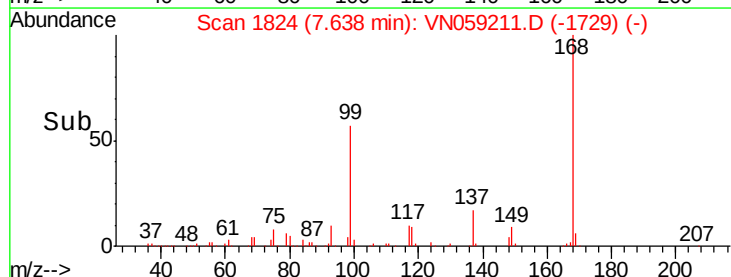
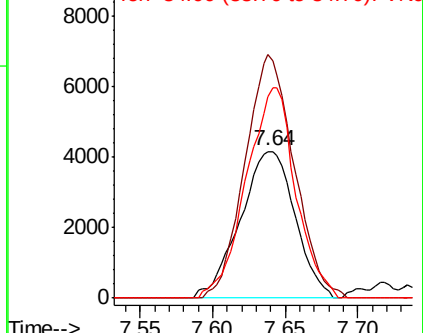
84 137.8 65.0 97.4#

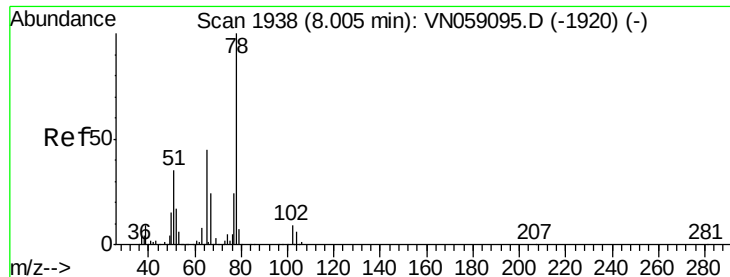


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

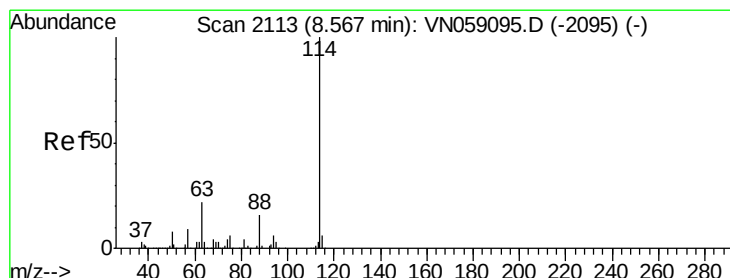
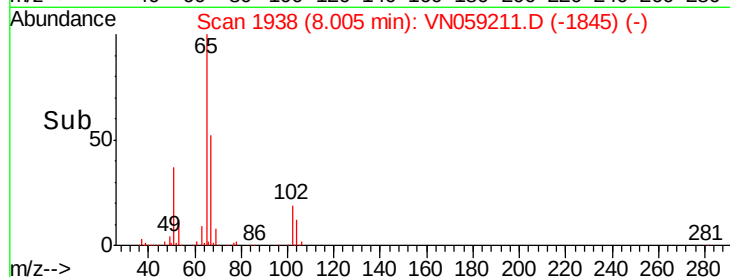
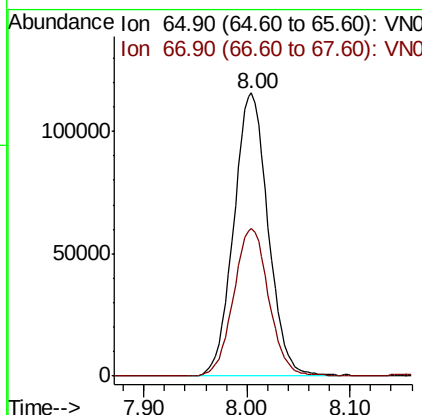
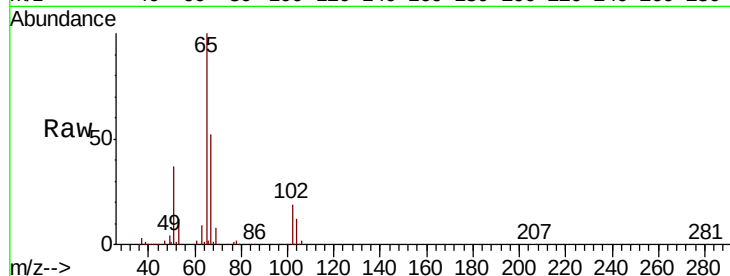




#33
 1,2-Dichloroethane-d4
 Concen: 53.862 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059211.D
 Acq: 13 Nov 2019 15:58

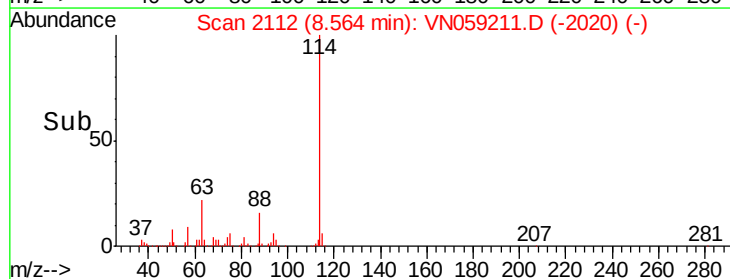
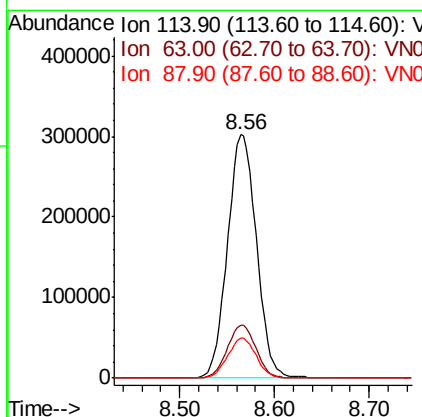
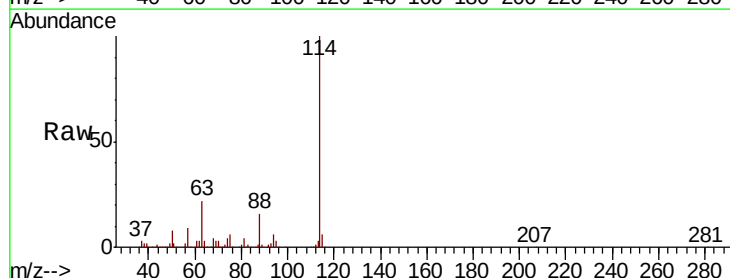
Instrument :
 MSVOA_N
 ClientSampled :
 40189

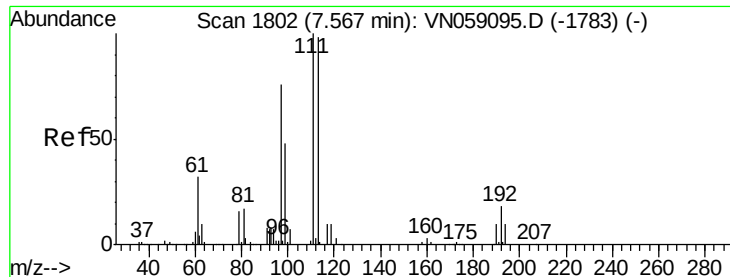
Tot Ion: 65 Resp: 268397
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059211.D
 Acq: 13 Nov 2019 15:58

Tgt Ion: 114 Resp: 644160
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.4
 88 16.2 0.0 32.2

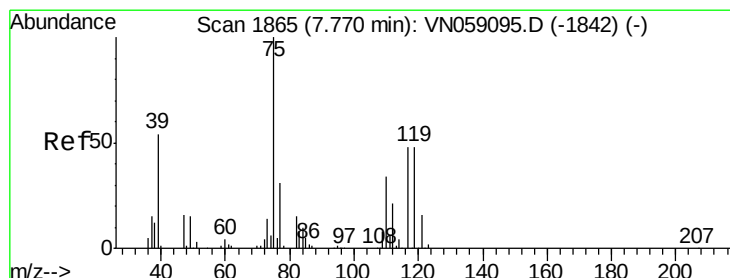
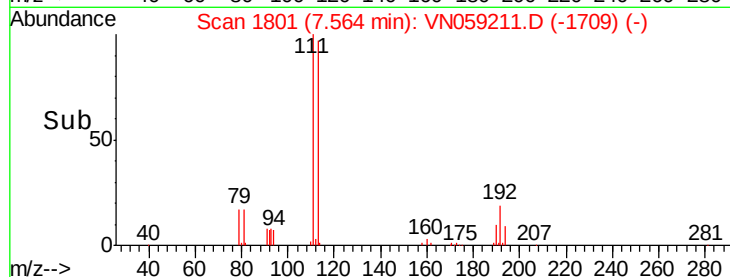
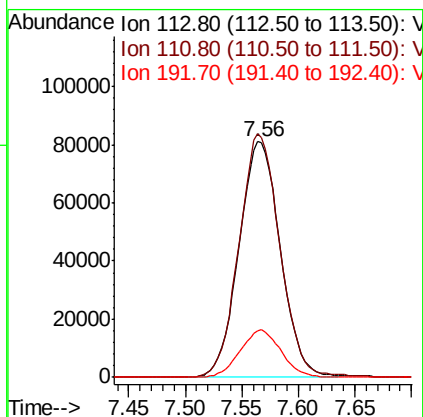
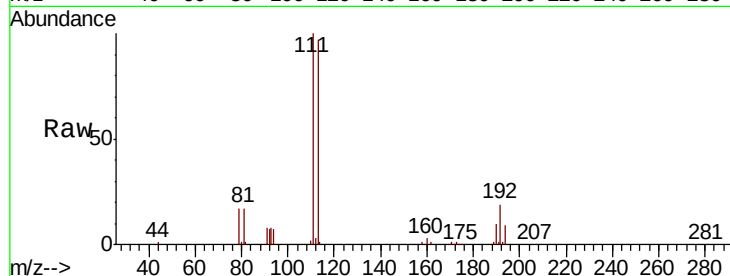




#35
 Dibromofluoromethane
 Concen: 53.540 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059211.D
 Acq: 13 Nov 2019 15:58

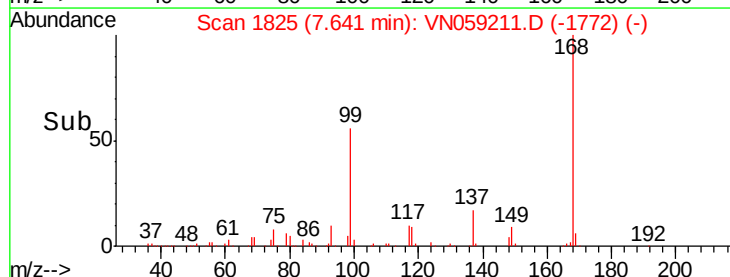
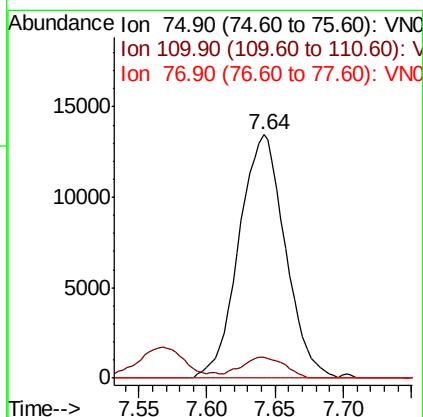
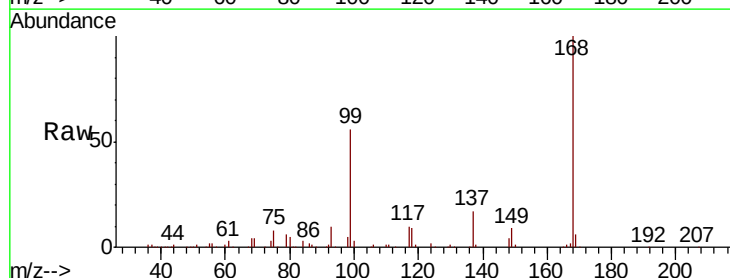
Instrument :
 MSVOA_N
 ClientSampled :
 40189

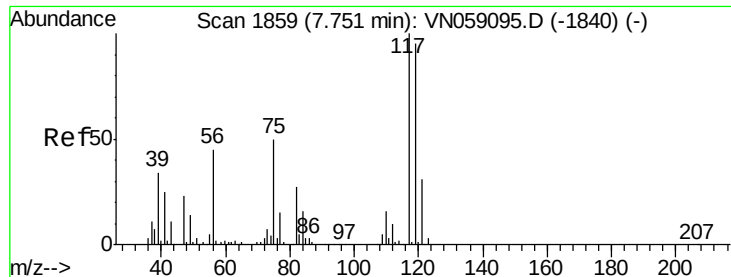
Tot Ion:113 Resp: 205929
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.8 124.2
 192 19.9 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 5.259 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN059211.D
 Acq: 13 Nov 2019 15:58

Tgt Ion: 75 Resp: 31666
 Ion Ratio Lower Upper
 75 100
 110 8.1 17.1 51.2#
 77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 6.559 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN059211.D

Acq: 13 Nov 2019 15:58

Instrument :

MSVOA_N

ClientSampled :

40189

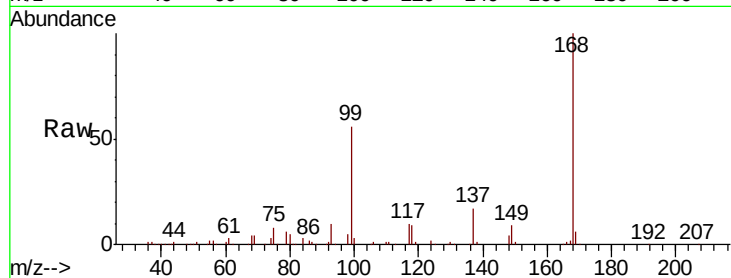
Tot Ion:117 Resp: 39305

Ion Ratio Lower Upper

117 100

119 5.3 75.6 113.4#

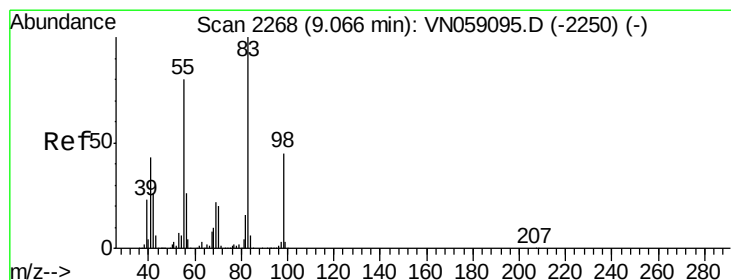
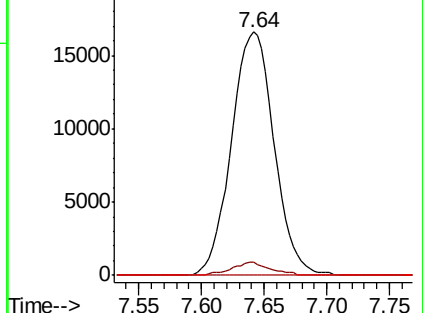
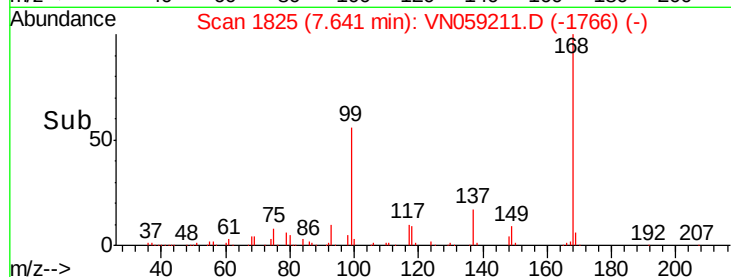
121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.383 ug/l

RT: 9.07 min Scan# 2269

Delta R.T. 0.00 min

Lab File: VN059211.D

Acq: 13 Nov 2019 15:58

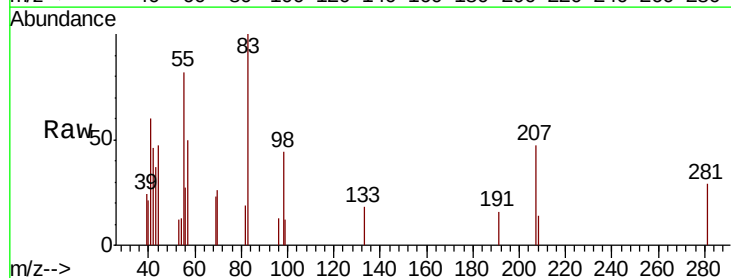
Tgt Ion: 83 Resp: 2676

Ion Ratio Lower Upper

83 100

55 81.7 63.9 95.9

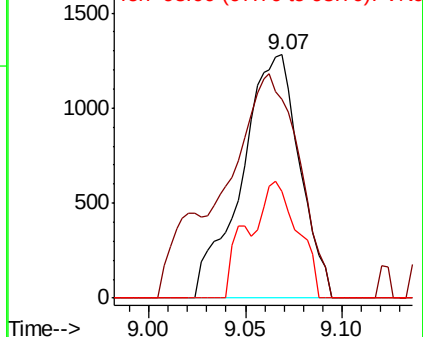
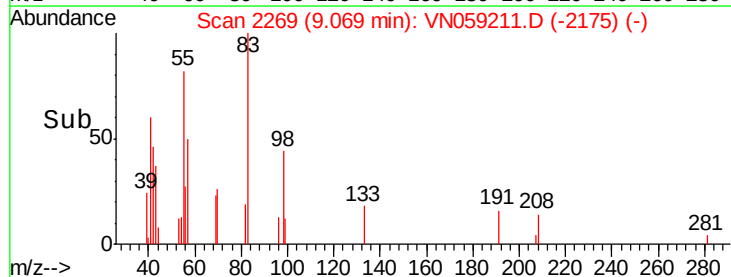
98 44.0 35.6 53.4

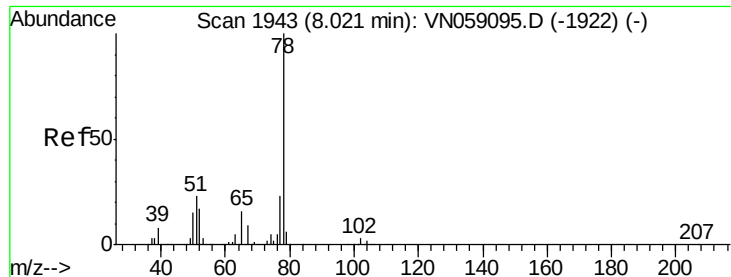


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#40

Benzene

Concen: 0.547 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN059211.D

Acq: 13 Nov 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

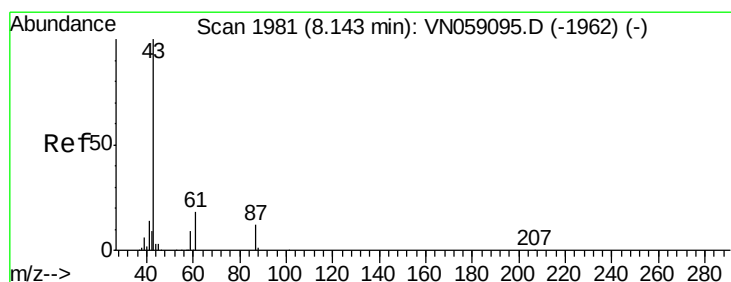
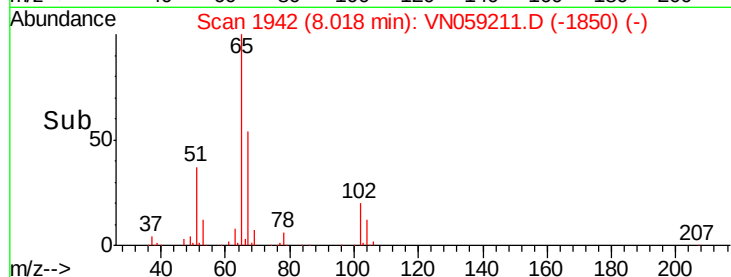
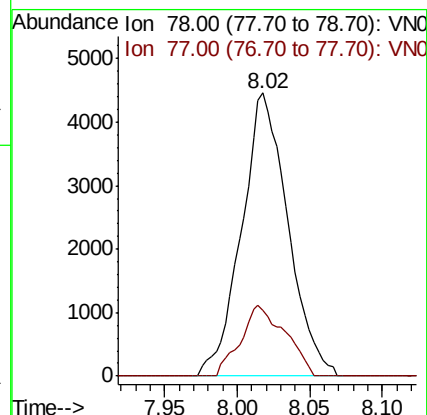
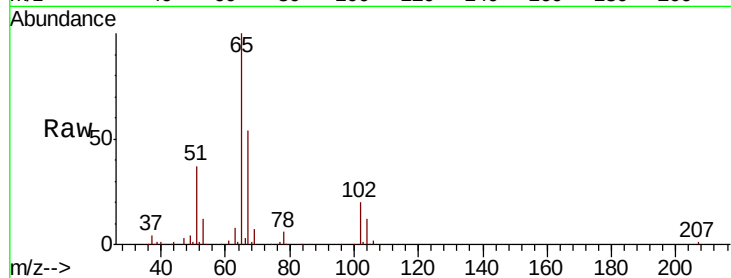
40189

Tot Ion: 78 Resp: 9919

Ion Ratio Lower Upper

78 100

77 23.4 18.8 28.2



#43

Isopropyl Acetate

Concen: 2.892 ug/l

RT: 8.21 min Scan# 2002

Delta R.T. 0.07 min

Lab File: VN059211.D

Acq: 13 Nov 2019 15:58

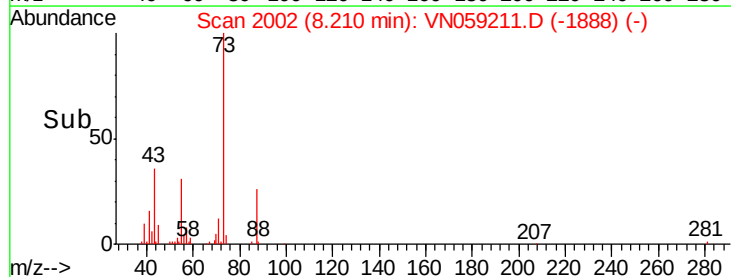
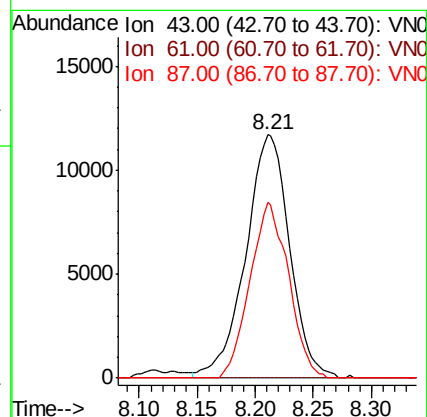
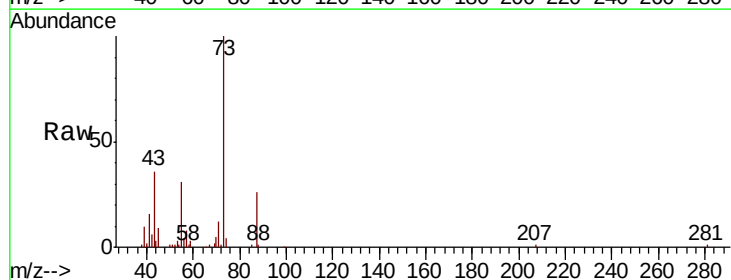
Tgt Ion: 43 Resp: 30885

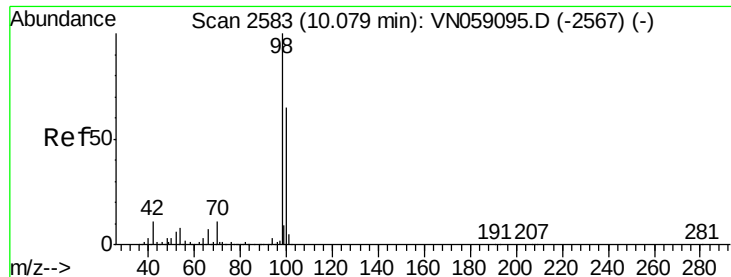
Ion Ratio Lower Upper

43 100

61 0.0 21.0 31.6#

87 63.3 9.8 14.6#

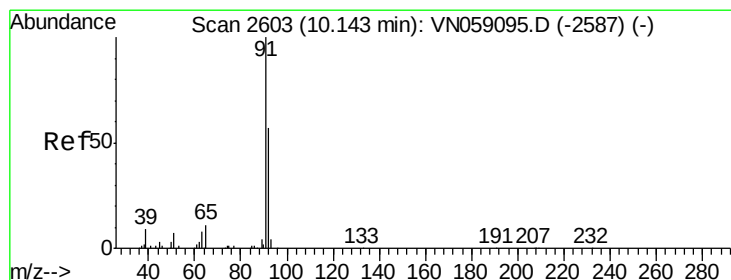
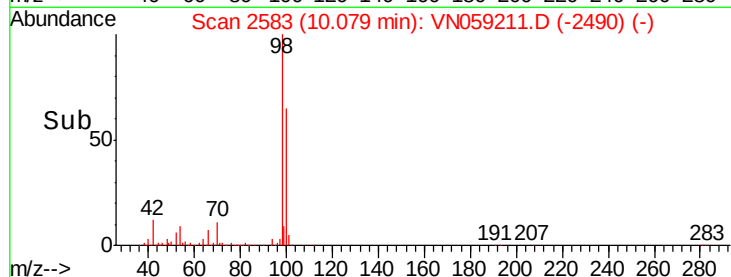
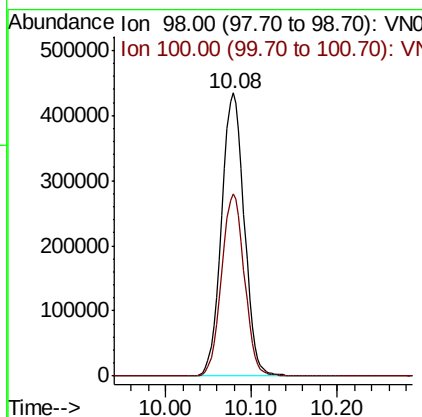
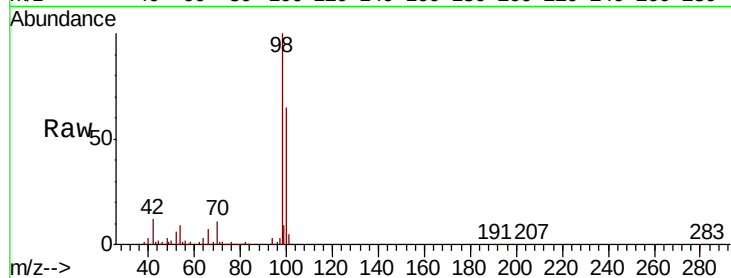




#50
Toluene-d8
Concen: 52.771 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059211.D
Acq: 13 Nov 2019 15:58

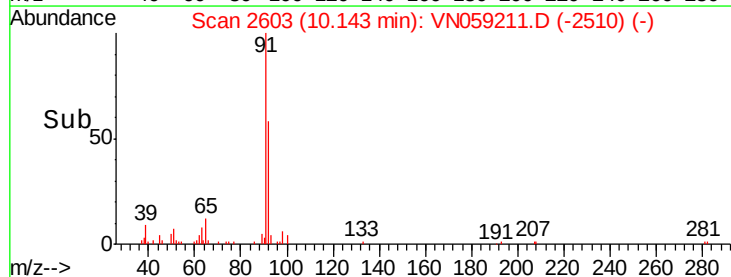
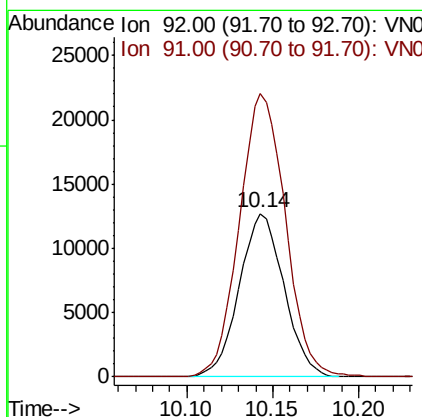
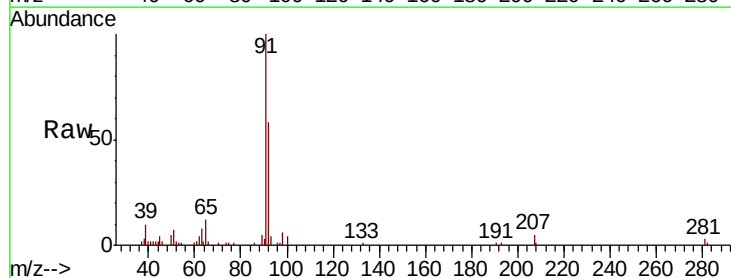
Instrument :
MSVOA_N
ClientSampleId :
40189

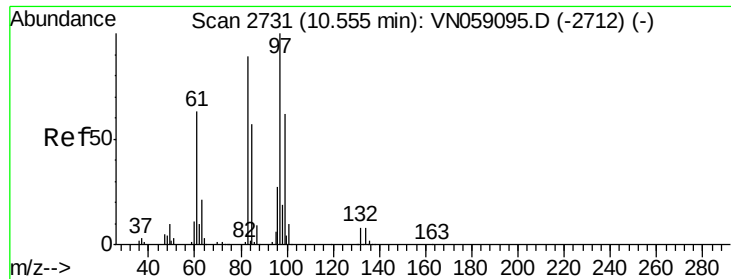
Tot Ion: 98 Resp: 799493
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2



#52
Toluene
Concen: 2.110 ug/l
RT: 10.14 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VN059211.D
Acq: 13 Nov 2019 15:58

Tgt Ion: 92 Resp: 22928
Ion Ratio Lower Upper
92 100
91 178.7 139.5 209.3

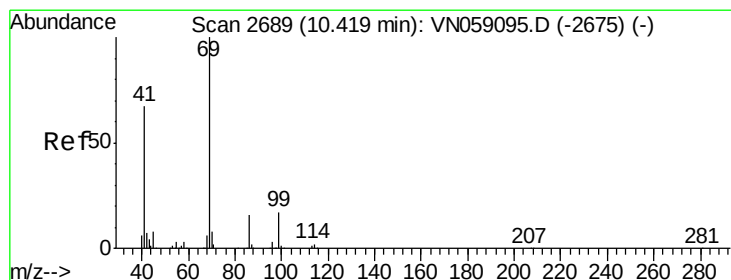
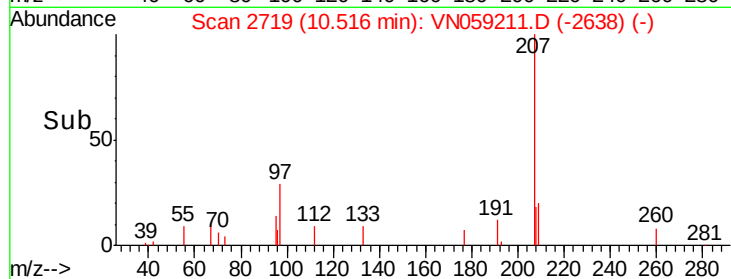
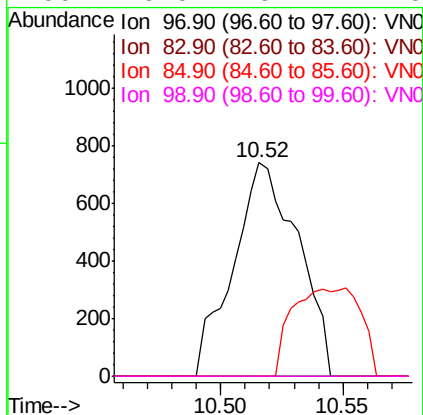
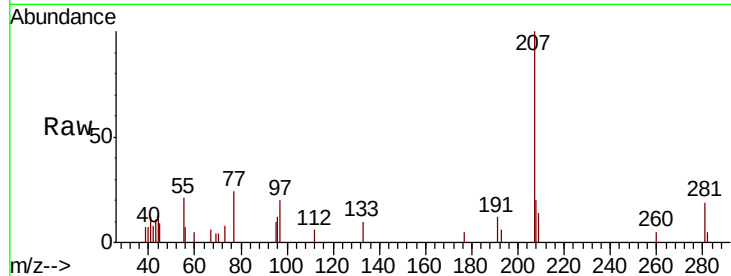




#55
 1,1,2-Trichloroethane
 Concen: 0.309 ug/l
 RT: 10.52 min Scan# 2719
 Delta R.T. -0.04 min
 Lab File: VN059211.D
 Acq: 13 Nov 2019 15:58

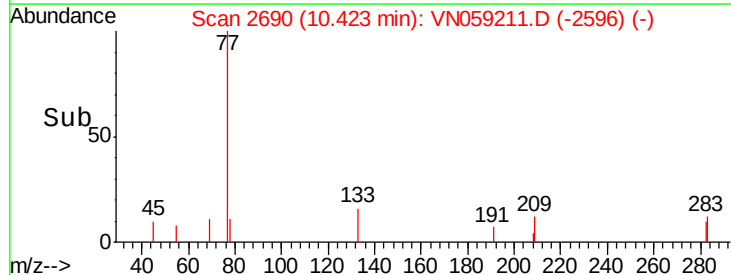
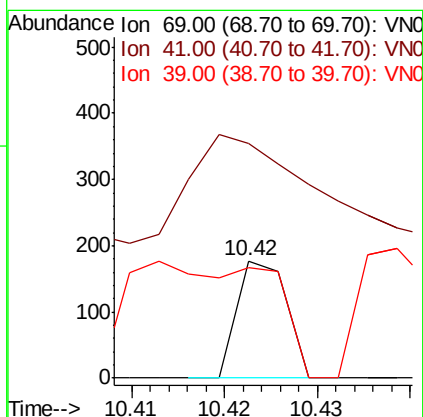
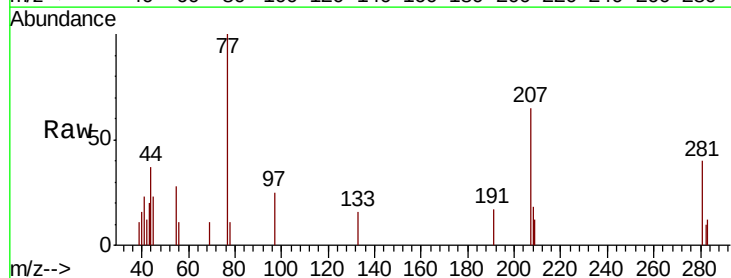
Instrument :
 MSVOA_N
 ClientSampled :
 40189

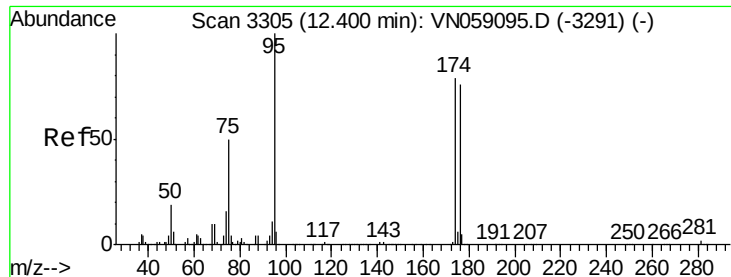
Tot Ion: 97 Resp: 1360
 Ion Ratio Lower Upper
 97 100
 83 0.0 71.0 106.4#
 85 0.0 45.8 68.8#
 99 0.0 49.4 74.0#



#56
 Ethyl methacrylate
 Concen: 1.882 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059211.D
 Acq: 13 Nov 2019 15:58

Tgt Ion: 69 Resp: 65
 Ion Ratio Lower Upper
 69 100
 41 233.8 53.6 80.4#
 39 289.2 26.2 39.4#





#62

4-Bromofluorobenzene

Concen: 48.084 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059211.D

Acq: 13 Nov 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

40189

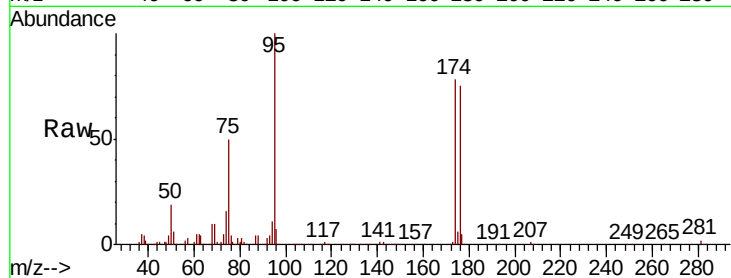
Tot Ion: 95 Resp: 262662

Ion Ratio Lower Upper

95 100

174 77.8 0.0 158.2

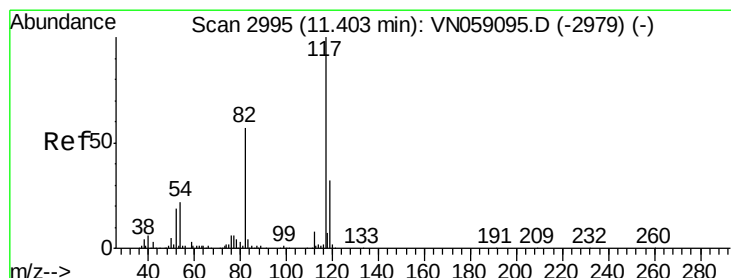
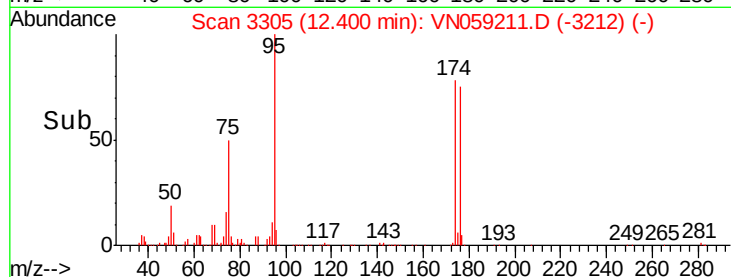
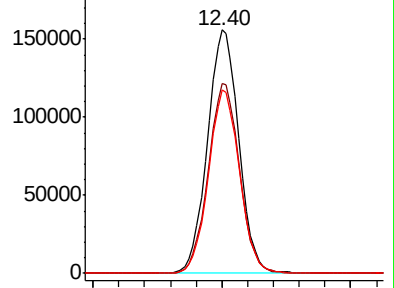
176 74.9 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): VN059211.D (-2902) (-)

Ion 173.80 (173.50 to 174.50): VN059211.D (-2902) (-)

Ion 175.80 (175.50 to 176.50): VN059211.D (-2902) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059211.D

Acq: 13 Nov 2019 15:58

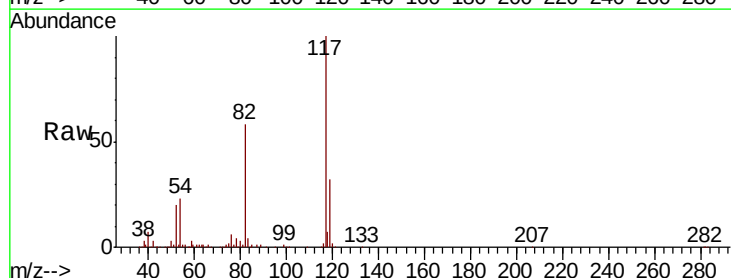
Tgt Ion: 117 Resp: 560402

Ion Ratio Lower Upper

117 100

82 57.5 45.8 68.8

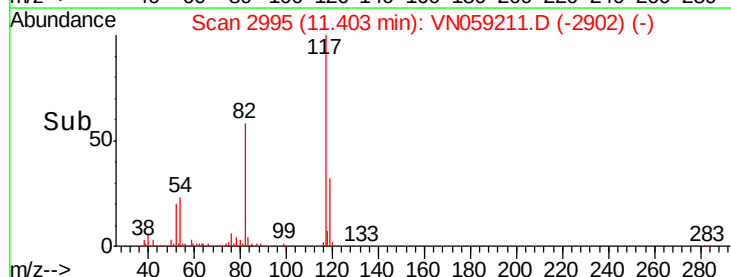
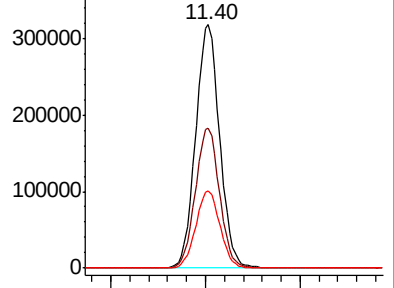
119 31.6 25.8 38.6

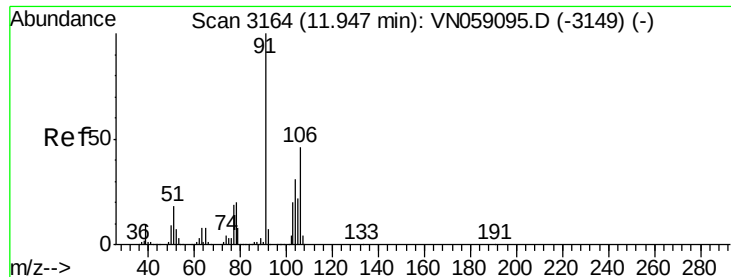


Abundance Ion 116.90 (116.60 to 117.60): VN059211.D (-2902) (-)

Ion 82.00 (81.70 to 82.70): VN059211.D (-2902) (-)

Ion 118.90 (118.60 to 119.60): VN059211.D (-2902) (-)

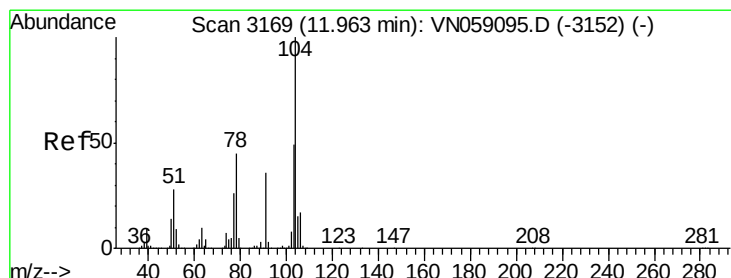
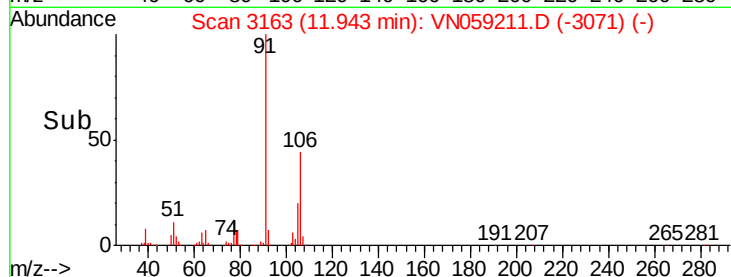
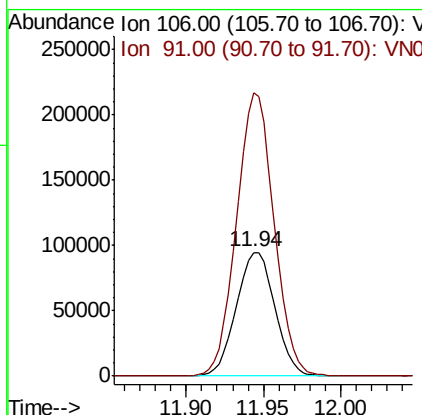
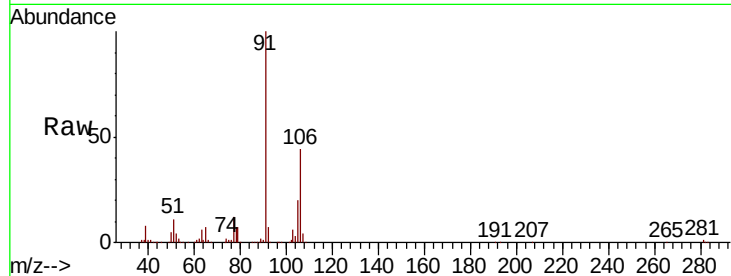




#69
o-Xylene
Concen: 23.388 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN059211.D
Acq: 13 Nov 2019 15:58

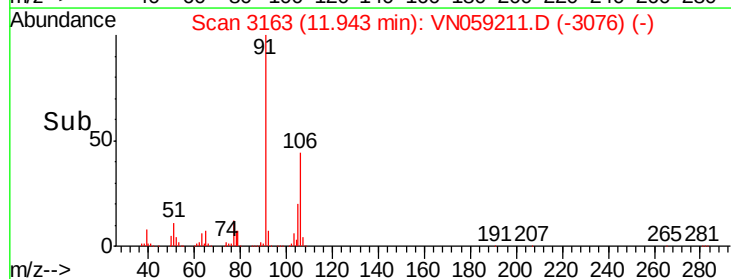
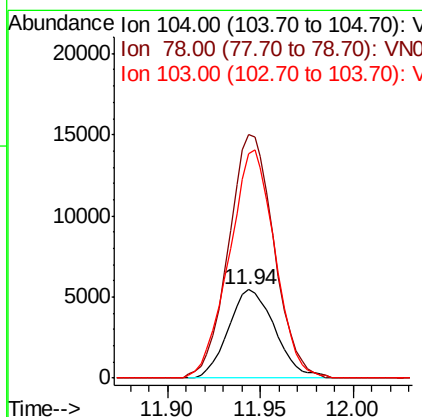
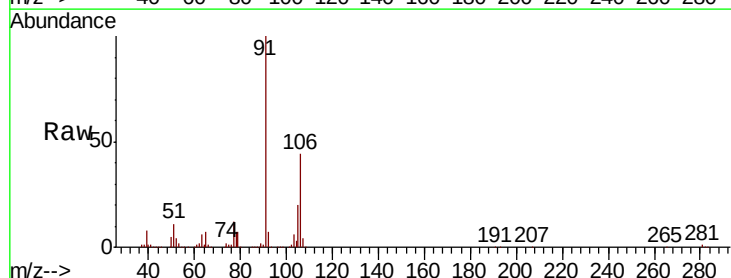
Instrument :
MSVOA_N
ClientSampled :
40189

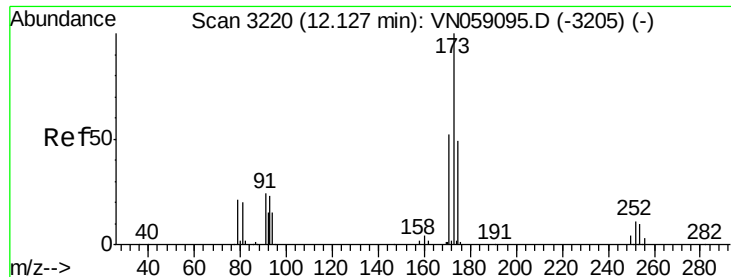
Tot Ion:106 Resp: 164101
Ion Ratio Lower Upper
106 100
91 222.9 110.1 330.3



#70
Styrene
Concen: 0.862 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.02 min
Lab File: VN059211.D
Acq: 13 Nov 2019 15:58

Tgt Ion:104 Resp: 9516
Ion Ratio Lower Upper
104 100
78 267.9 41.2 61.8#
103 252.8 43.8 65.6#





#71

Bromoform

Concen: 0.427 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN059211.D

Acq: 13 Nov 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

40189

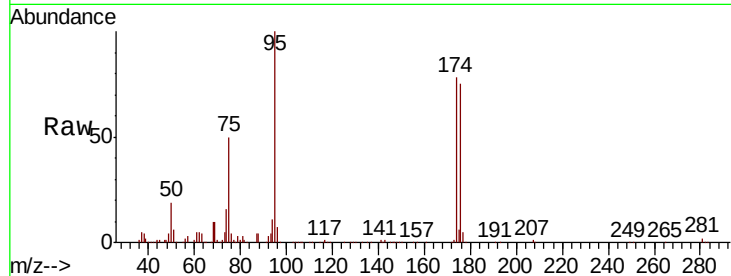
Tot Ion:173 Resp: 1362

Ion Ratio Lower Upper

173 100

175 953.9 24.2 72.6#

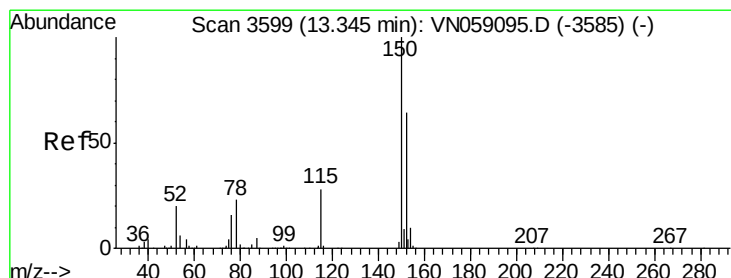
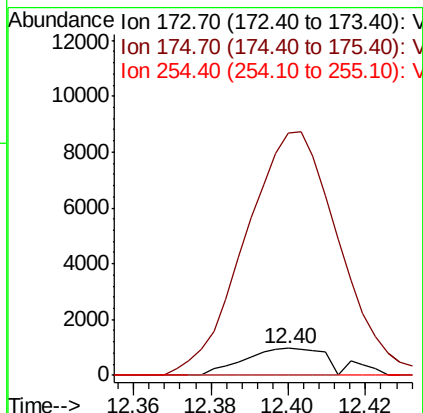
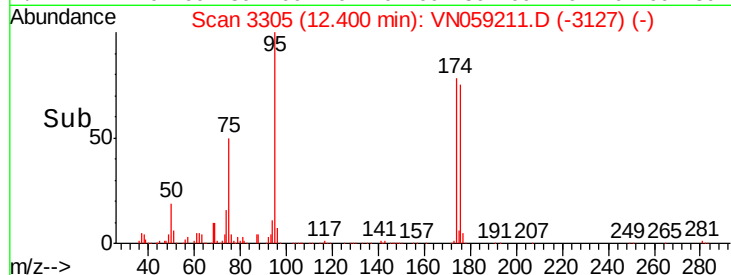
254 0.0 0.1 0.1#



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: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059211.D

Acq: 13 Nov 2019 15:58

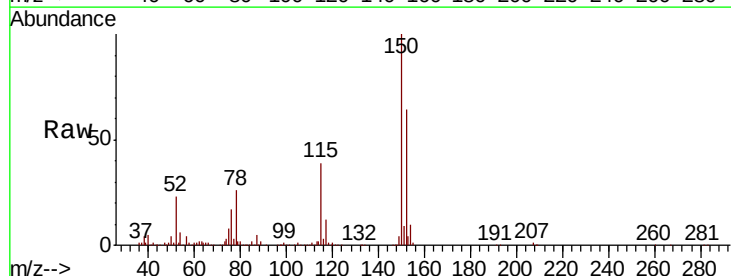
Tgt Ion:152 Resp: 218185

Ion Ratio Lower Upper

152 100

115 62.9 29.4 88.2

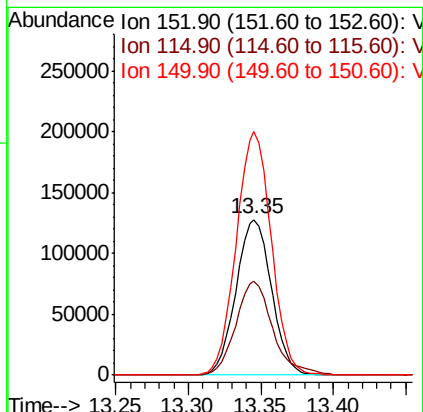
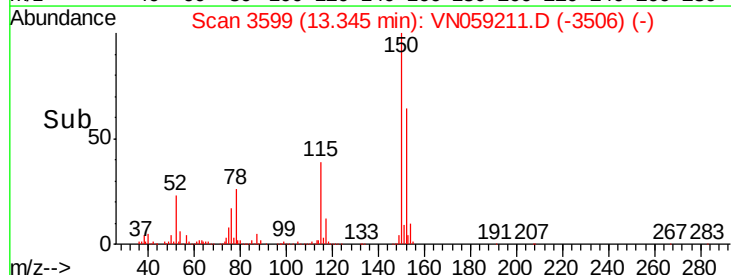
150 154.4 0.0 345.8

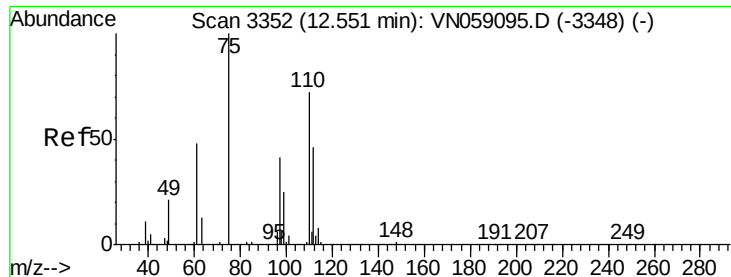


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 26.083 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN059211.D

Acq: 13 Nov 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

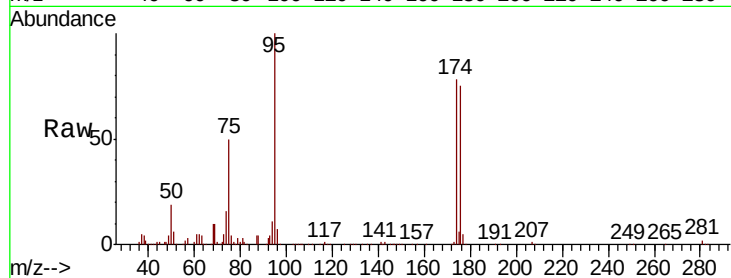
40189

Tot Ion: 75 Resp: 129565

Ion Ratio Lower Upper

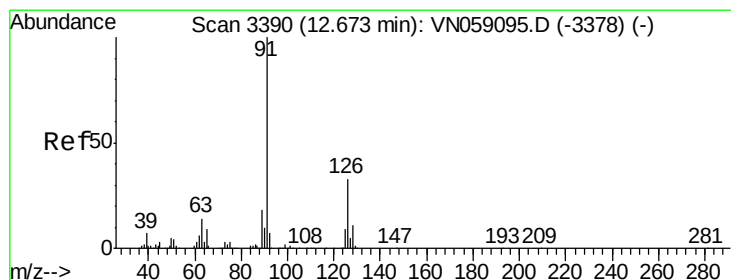
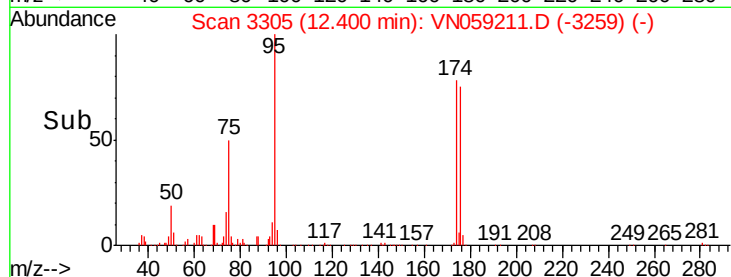
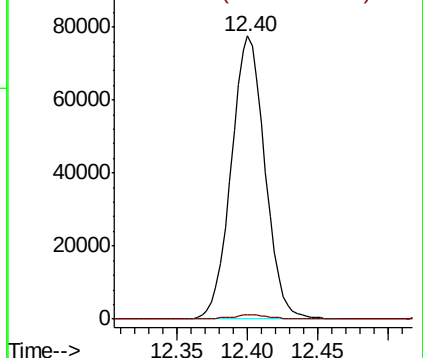
75 100

77 1.8 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: 0.448 ug/l

RT: 12.69 min Scan# 3394

Delta R.T. 0.01 min

Lab File: VN059211.D

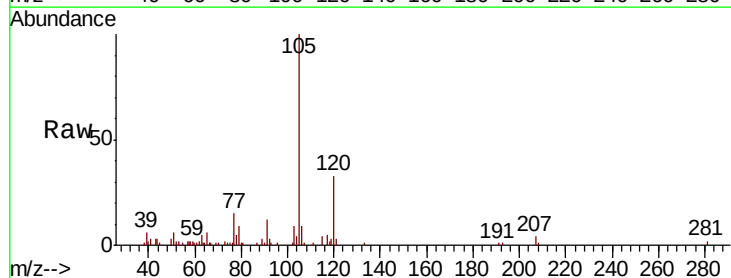
Acq: 13 Nov 2019 15:58

Tgt Ion: 91 Resp: 5055

Ion Ratio Lower Upper

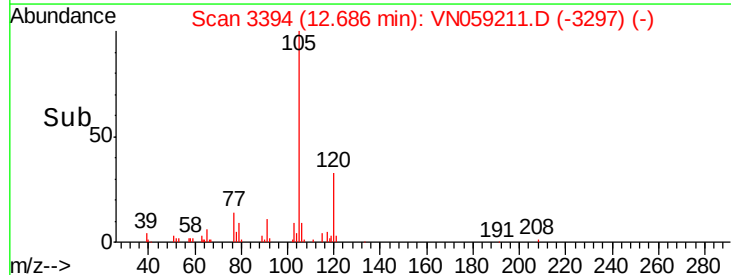
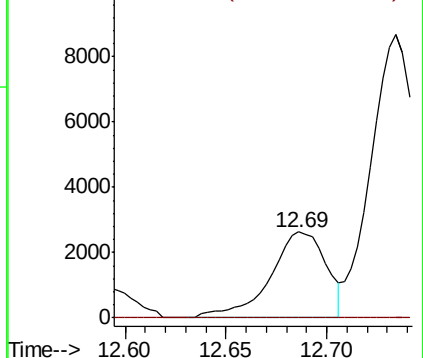
91 100

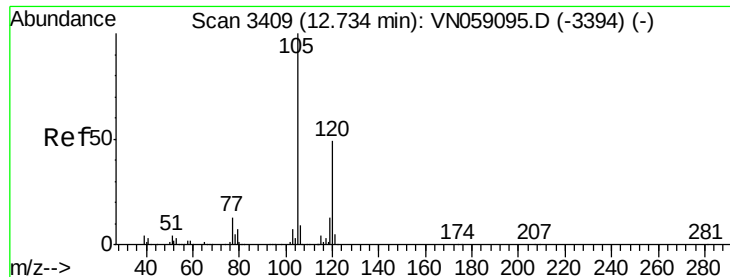
126 0.0 16.7 50.1#



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: 9.519 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN059211.D

Acq: 13 Nov 2019 15:58

Instrument :

MSVOA_N

ClientSampled :

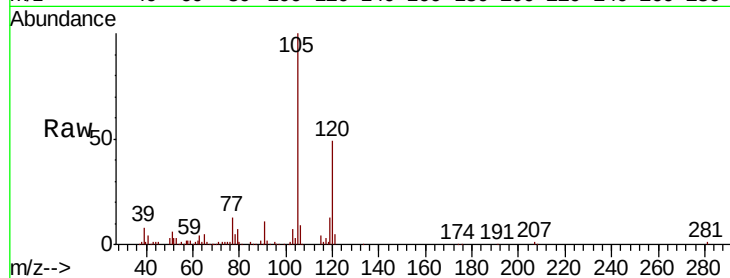
40189

Tot Ion:105 Resp: 128014

Ion Ratio Lower Upper

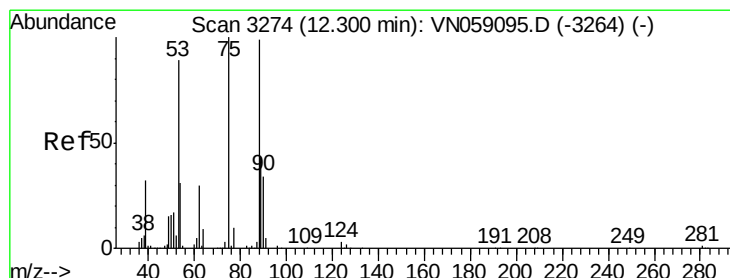
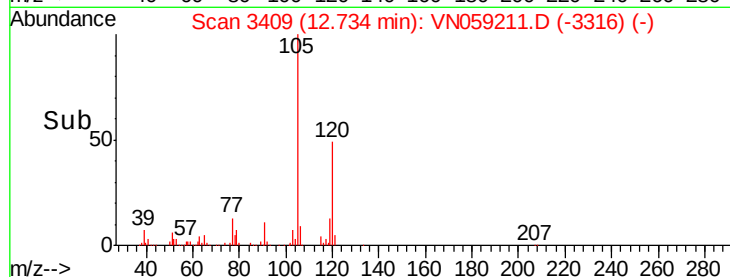
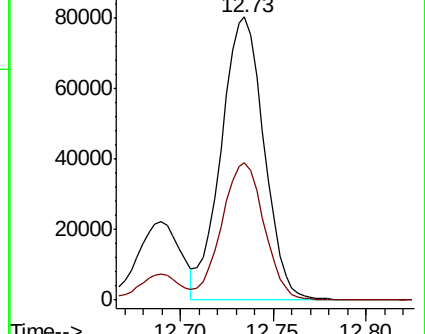
105 100

120 48.7 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 68.893 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN059211.D

Acq: 13 Nov 2019 15:58

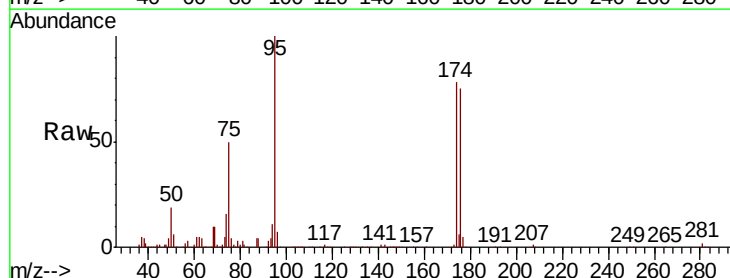
Tgt Ion: 75 Resp: 129565

Ion Ratio Lower Upper

75 100

53 0.0 72.2 108.2#

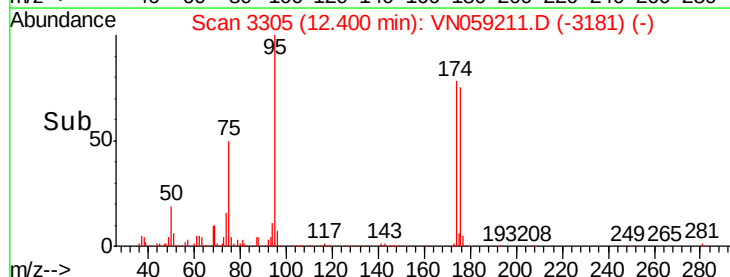
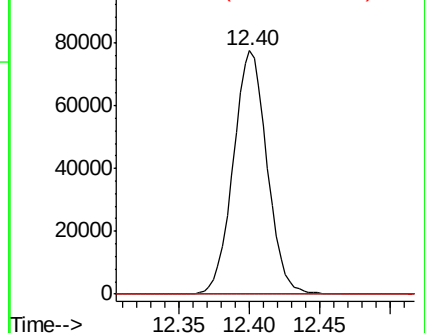
89 0.0 35.8 53.8#

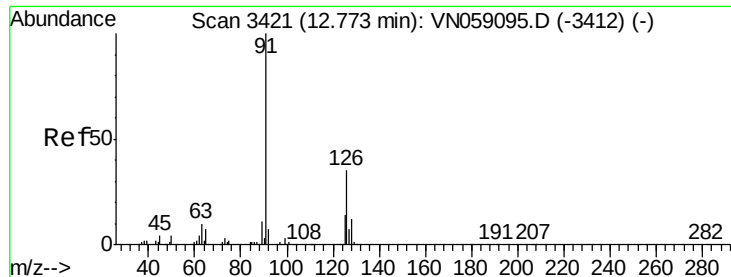


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#82

4-Chlorotoluene

Concen: 1.107 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.04 min

Lab File: VN059211.D

Acq: 13 Nov 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

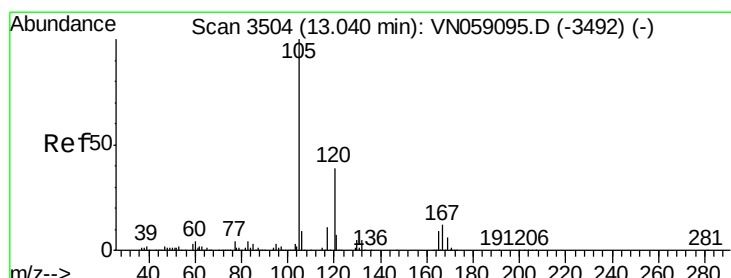
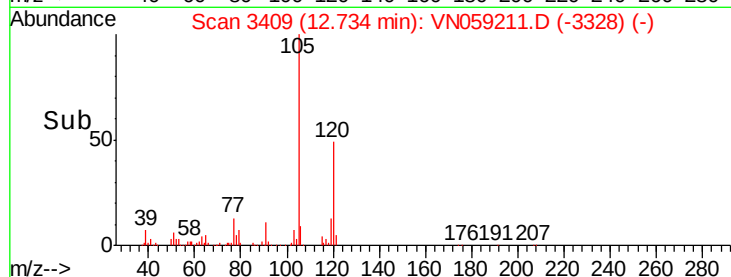
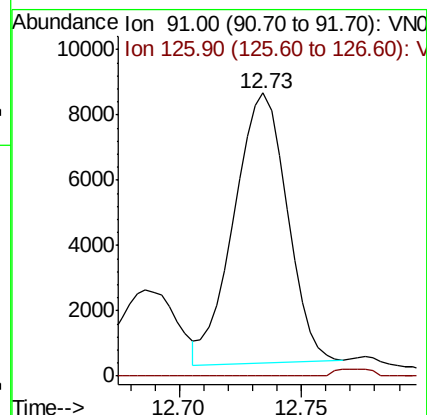
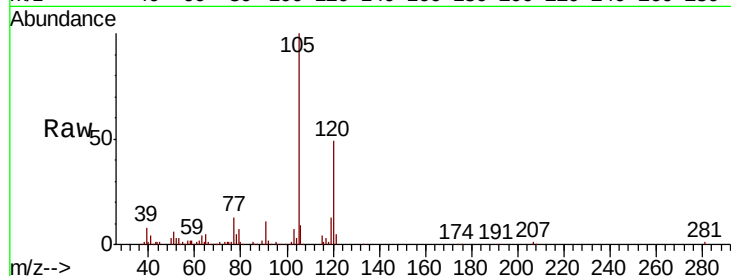
40189

Tot Ion: 91 Resp: 12517

Ion Ratio Lower Upper

91 100

126 0.0 16.1 48.2#



#84

1,2,4-Trimethylbenzene

Concen: 13.347 ug/l

RT: 12.89 min Scan# 3458

Delta R.T. -0.15 min

Lab File: VN059211.D

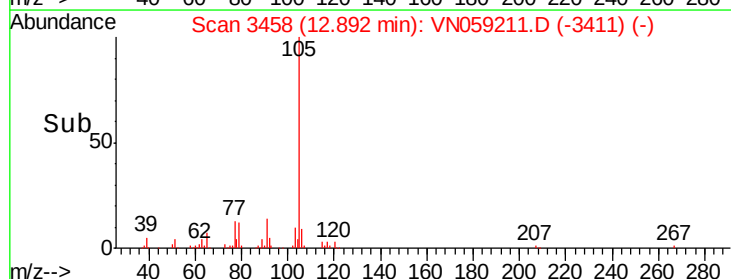
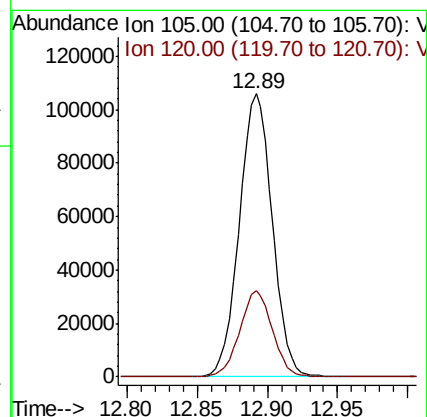
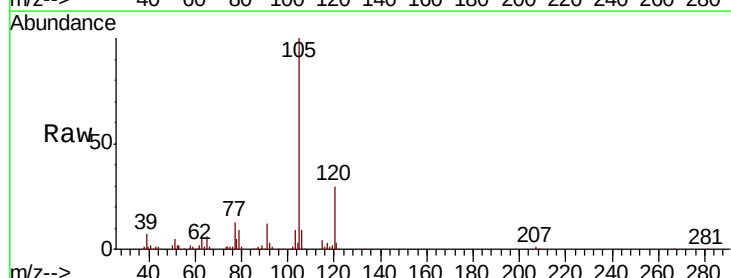
Acq: 13 Nov 2019 15:58

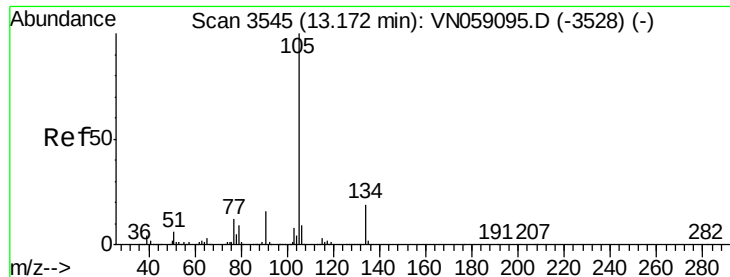
Tgt Ion: 105 Resp: 173656

Ion Ratio Lower Upper

105 100

120 30.0 22.8 68.4





#85

sec-Butylbenzene

Concen: 13.240 ug/l

RT: 13.38 min Scan# 3609

Delta R.T. 0.21 min

Lab File: VN059211.D

Acq: 13 Nov 2019 15:58

Instrument :

MSVOA_N

ClientSampled :

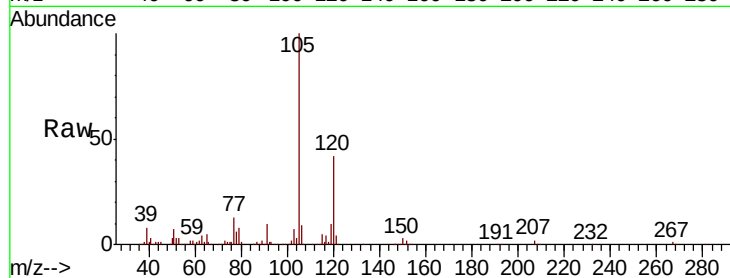
40189

Tot Ion:105 Resp: 199984

Ion Ratio Lower Upper

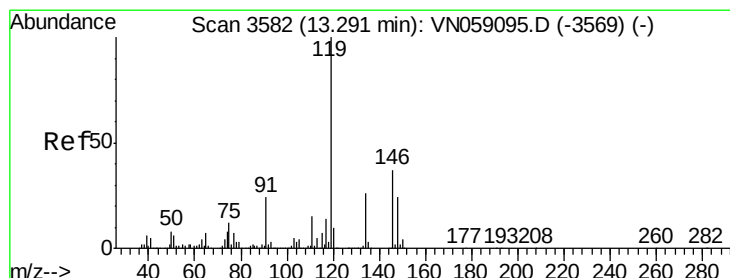
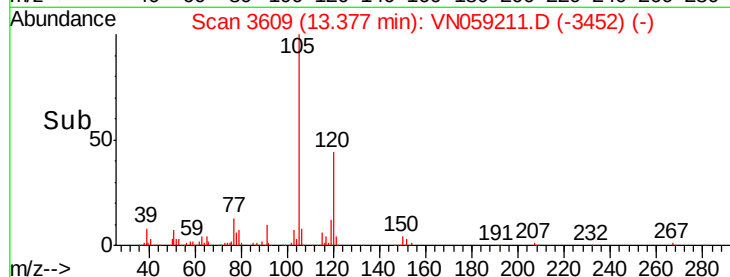
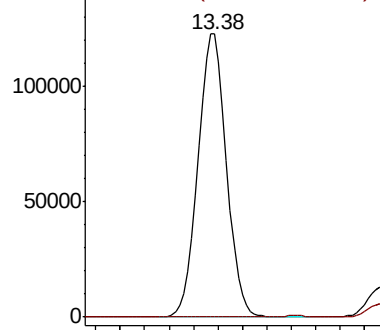
105 100

134 0.0 9.7 29.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.031 ug/l

RT: 13.24 min Scan# 3565

Delta R.T. -0.05 min

Lab File: VN059211.D

Acq: 13 Nov 2019 15:58

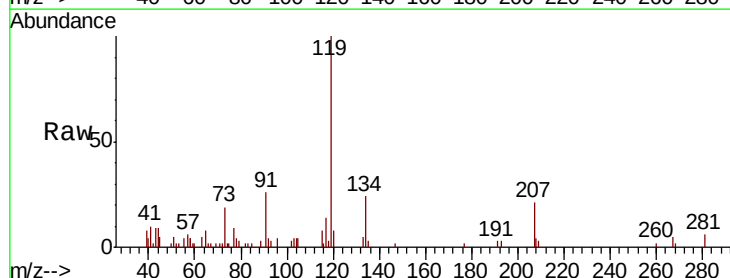
Tgt Ion:119 Resp: 13754

Ion Ratio Lower Upper

119 100

134 25.4 13.0 38.9

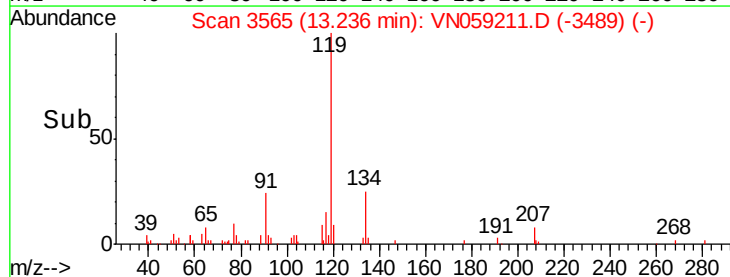
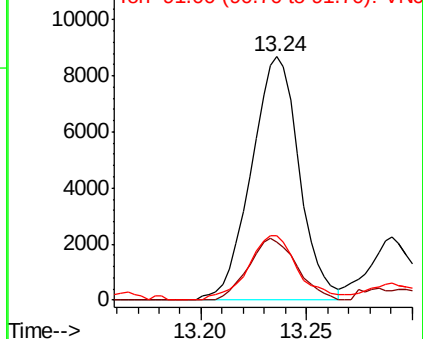
91 27.6 11.7 35.1

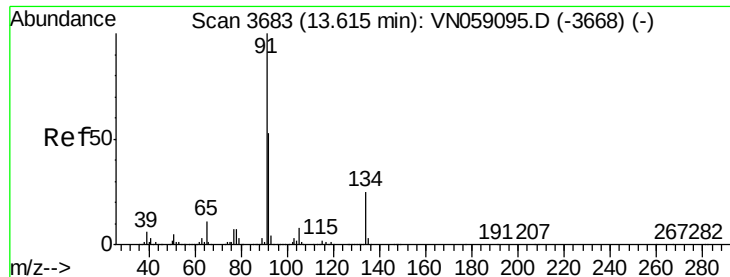


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 1.639 ug/l

RT: 13.58 min Scan# 3673

Delta R.T. -0.03 min

Lab File: VN059211.D

Acq: 13 Nov 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

40189

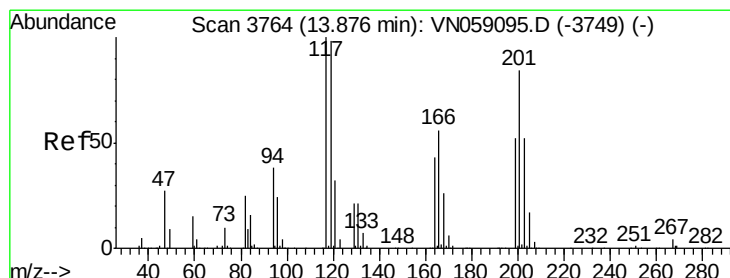
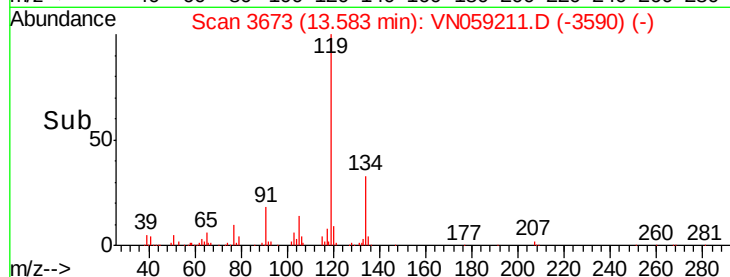
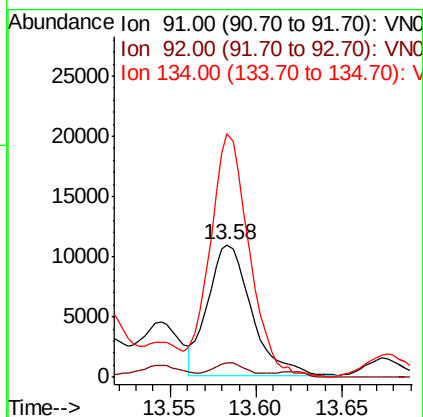
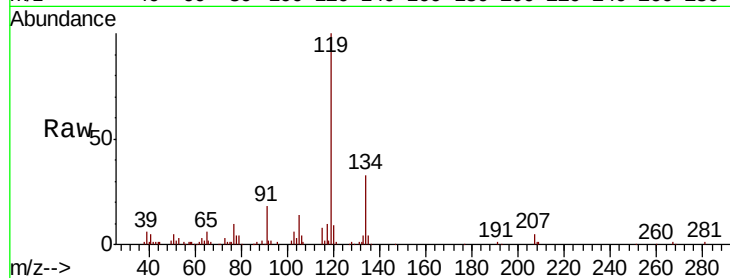
Tot Ion: 91 Resp: 19133

Ion Ratio Lower Upper

91 100

92 5.6 26.1 78.3#

134 170.6 12.6 37.8#



#90

Hexachloroethane

Concen: 2.512 ug/l

RT: 13.89 min Scan# 3769

Delta R.T. 0.02 min

Lab File: VN059211.D

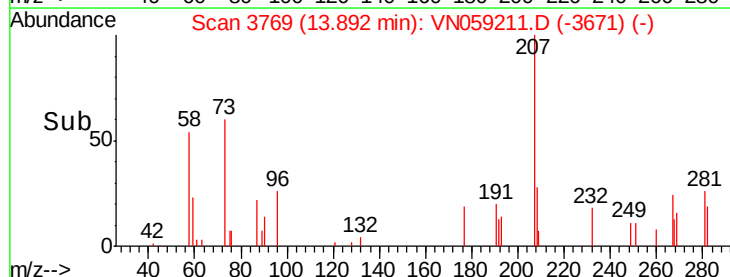
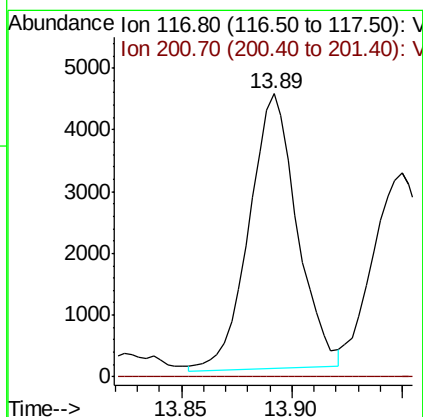
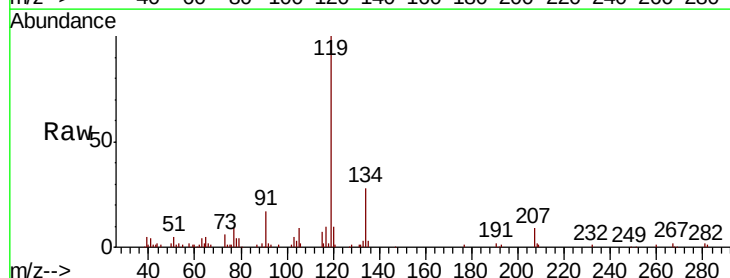
Acq: 13 Nov 2019 15:58

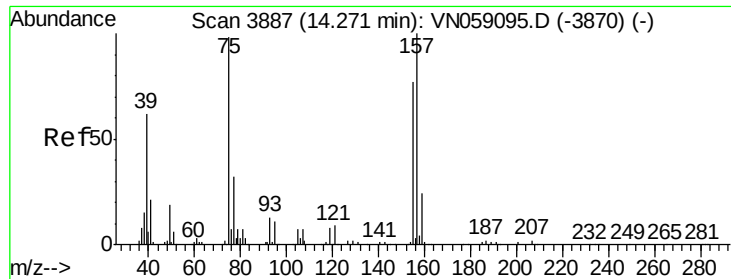
Tgt Ion: 117 Resp: 6727

Ion Ratio Lower Upper

117 100

201 0.0 41.8 125.3#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.536 ug/l

RT: 14.26 min Scan# 3884

Delta R.T. -0.01 min

Lab File: VN059211.D

Acq: 13 Nov 2019 15:58

Instrument :

MSVOA_N

ClientSampled :

40189

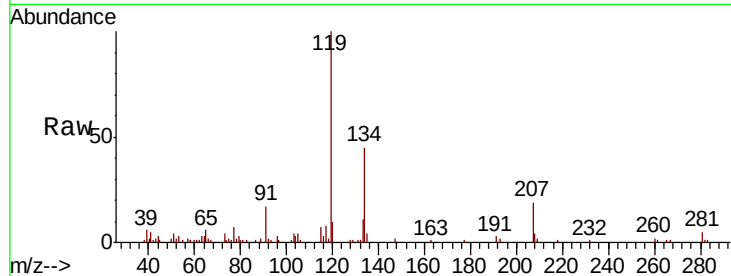
Tot Ion: 75 Resp: 550

Ion Ratio Lower Upper

75 100

155 0.0 40.2 120.6#

157 0.0 51.8 155.5#



Abundance Ion 74.90 (74.60 to 75.60): VN059095.D (-3870) (-)

Ion 154.80 (154.50 to 155.50): VN059095.D (-3870) (-)

Ion 156.80 (156.50 to 157.50): VN059095.D (-3870) (-)

14.26

600

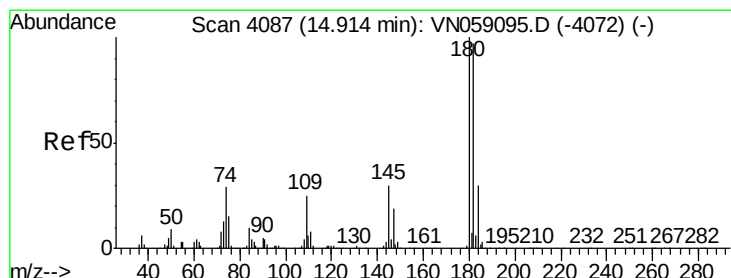
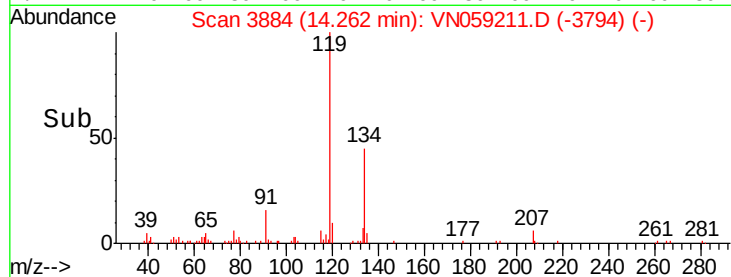
400

200

0

14.22 14.24 14.26 14.28

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 3.292 ug/l

RT: 14.92 min Scan# 4088

Delta R.T. 0.00 min

Lab File: VN059211.D

Acq: 13 Nov 2019 15:58

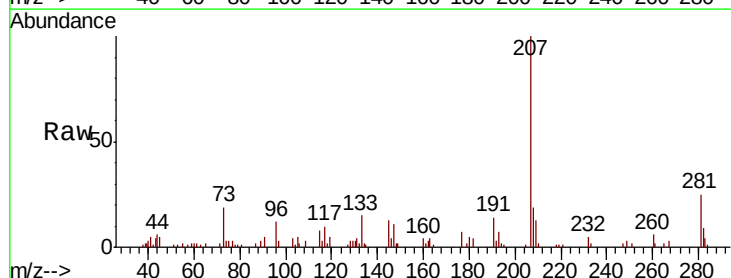
Tgt Ion: 180 Resp: 1064

Ion Ratio Lower Upper

180 100

182 81.3 48.1 144.3

145 419.1 15.1 45.3#



Abundance Ion 179.80 (179.50 to 180.50): VN059095.D (-4072) (-)

Ion 181.80 (181.50 to 182.50): VN059095.D (-4072) (-)

Ion 144.80 (144.50 to 145.50): VN059095.D (-4072) (-)

14.92

2500

2000

1500

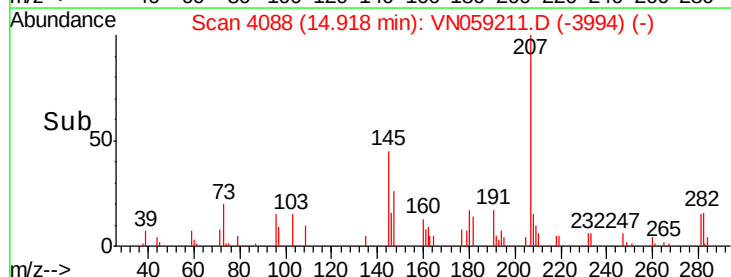
1000

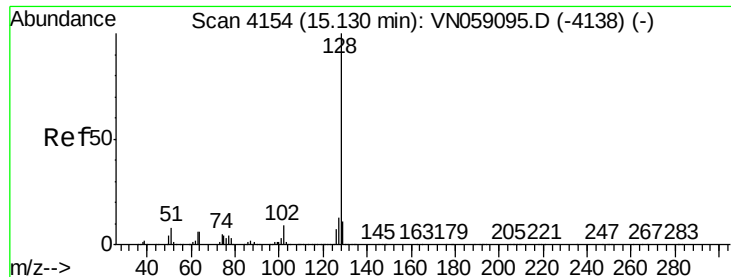
500

0

14.90 14.92 14.94 14.96

Time-->





#95

Naphthalene

Concen: 3.459 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059211.D

Acq: 13 Nov 2019 15:58

Instrument :

MSVOA_N

ClientSampleId :

40189

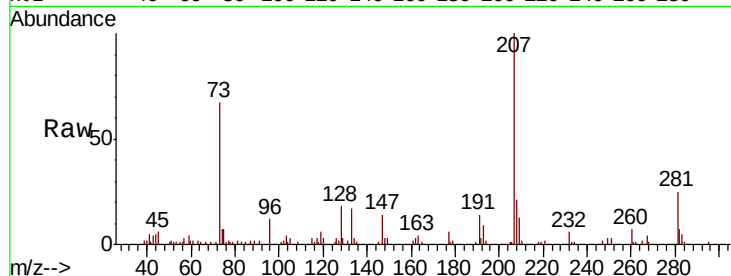
Tot Ion:128 Resp: 4989

Ion Ratio Lower Upper

128 100

127 18.0 10.2 15.2#

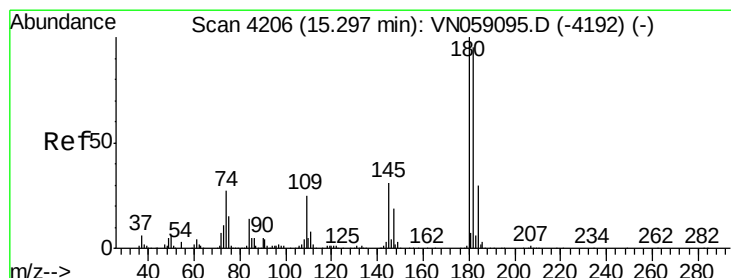
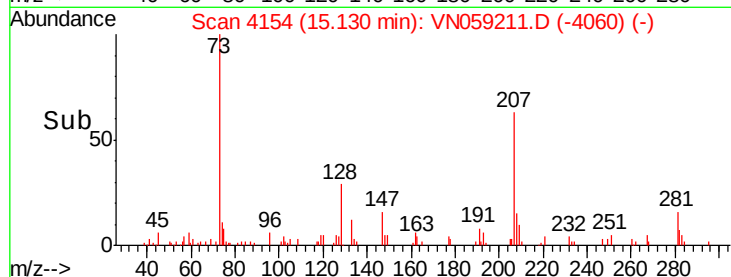
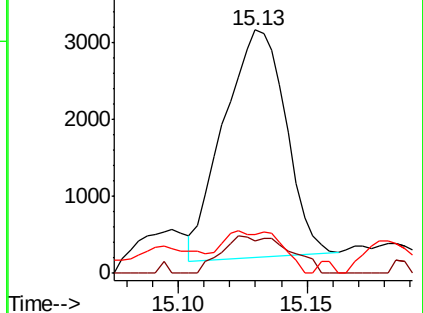
129 18.0 8.6 12.8#



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



#96

1,2,3-Trichlorobenzene

Concen: 0.403 ug/l

RT: 15.29 min Scan# 4205

Delta R.T. -0.00 min

Lab File: VN059211.D

Acq: 13 Nov 2019 15:58

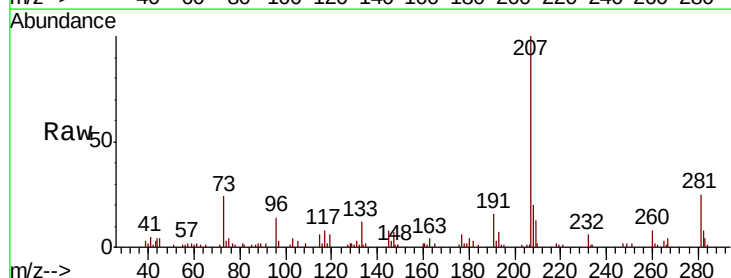
Tgt Ion:180 Resp: 1518

Ion Ratio Lower Upper

180 100

182 79.1 47.3 141.8

145 0.0 15.8 47.3#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

