

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092019\
 Data File : VN058261.D
 Acq On : 20 Sep 2019 19:17
 Operator : JC/SP
 Sample : K4975-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT101D-20190917

Quant Time: Sep 20 23:53:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	475204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	771348	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	661130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	263335	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	351621	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	
35) Dibromofluoromethane	7.58	113	244697	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
50) Toluene-d8	10.08	98	997255	54.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.16%	
62) 4-Bromofluorobenzene	12.41	95	310139	45.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.40%	

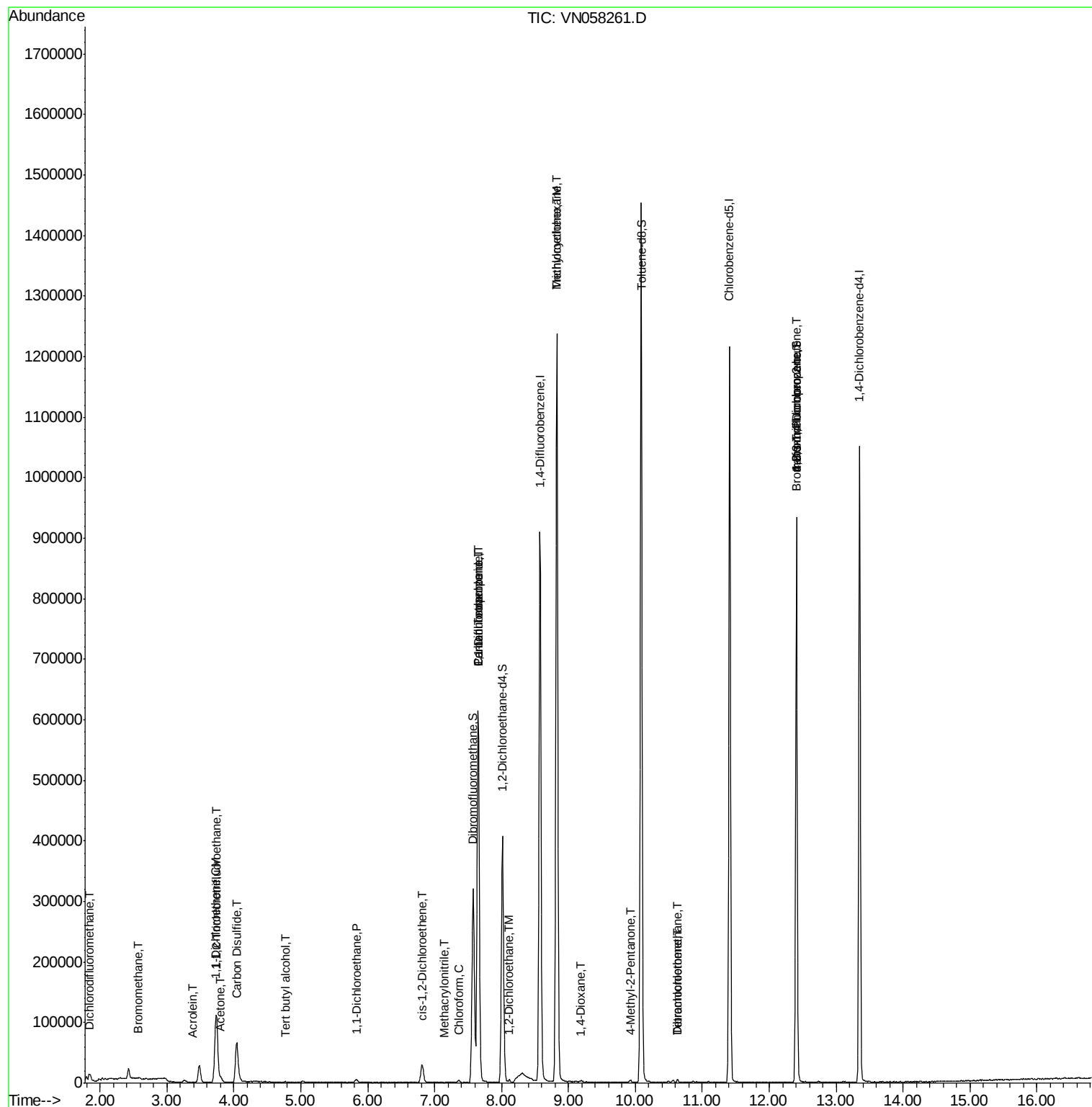
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.84	85	7280	1.865 ug/l	96
3) Chloromethane	2.04	50	1705	Below Cal #	79
4) Vinyl Chloride	2.18	62	205	Below Cal #	43
5) Bromomethane	2.55	94	104	0.781 ug/l #	4
6) Chloroethane	2.70	64	31	Below Cal #	44
9) 1,1,2-Trichlorotrifluoroet	3.74	101	61652	16.048 ug/l	99
11) Tert butyl alcohol	4.76	59	1258	1.598 ug/l #	78
12) 1,1-Dichloroethene	3.72	96	11795	3.716 ug/l #	73
13) Acrolein	3.38	56	30	0.257 ug/l #	15
16) Acetone	3.80	43	12360	5.502 ug/l	89
17) Carbon Disulfide	4.04	76	90	0.293 ug/l #	74
20) Methylene Chloride	4.53	84	422	Below Cal #	31
24) 1,1-Dichloroethane	5.83	63	7291	0.855 ug/l #	85
27) cis-1,2-Dichloroethene	6.82	96	18311	3.800 ug/l	86
30) Chloroform	7.36	83	4674	0.509 ug/l	93
31) Cyclohexane	7.65	56	11872	Below Cal #	6
36) 1,1-Dichloropropene	7.65	75	39891	7.171 ug/l #	51
38) Carbon Tetrachloride	7.65	117	48449	8.665 ug/l #	15
39) Methylcyclohexane	8.83	83	6181	1.219 ug/l #	1
41) Methacrylonitrile	7.15	41	33	0.922 ug/l #	100
42) 1,2-Dichloroethane	8.12	62	2957	0.415 ug/l #	78
44) Trichloroethene	8.82	130	424207	102.030 ug/l	100
49) 1,4-Dioxane	9.20	88	1478	18.390 ug/l	98
51) 4-Methyl-2-Pentanone	9.93	43	2090	0.365 ug/l #	37
60) Dibromochloromethane	10.63	129	1001	0.220 ug/l #	11
64) Tetrachloroethene	10.63	164	859	0.267 ug/l #	78
71) Bromoform	12.39	173	457	3.731 ug/l #	1
76) 1,2,3-Trichloropropane	12.41	75	172842	36.674 ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	172842	102.315 ug/l #	5

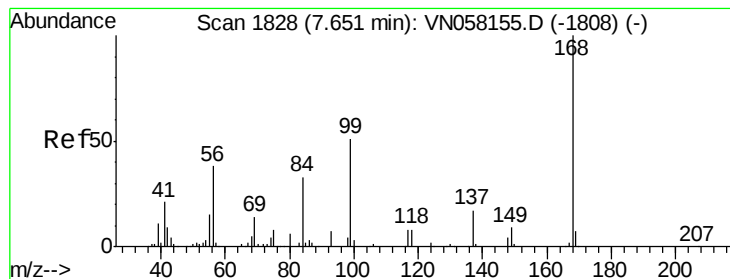
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058261.D

Acq: 20 Sep 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

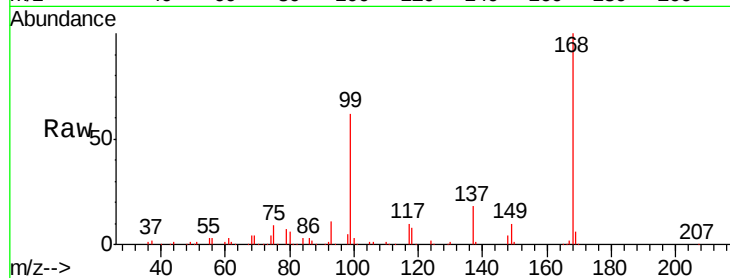
TT101D-20190917

Tgt Ion:168 Resp: 475204

Ion Ratio Lower Upper

168 100

99 62.2 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

200000

150000

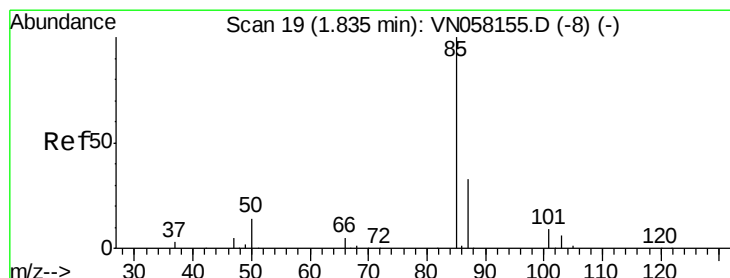
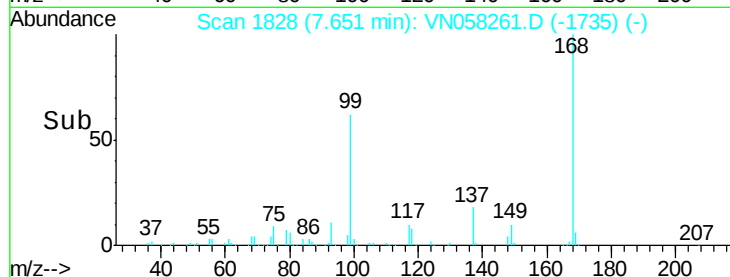
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 1.865 ug/l

RT: 1.84 min Scan# 20

Delta R.T. 0.00 min

Lab File: VN058261.D

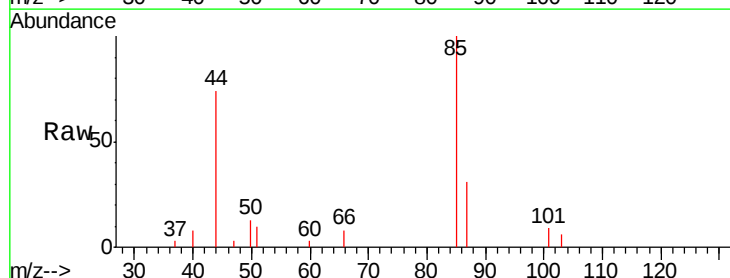
Acq: 20 Sep 2019 19:17

Tgt Ion: 85 Resp: 7280

Ion Ratio Lower Upper

85 100

87 30.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.84

6000

5000

4000

3000

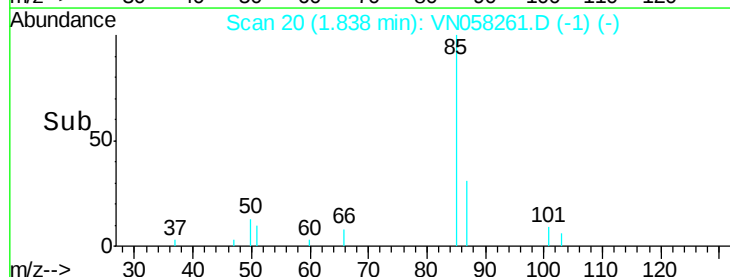
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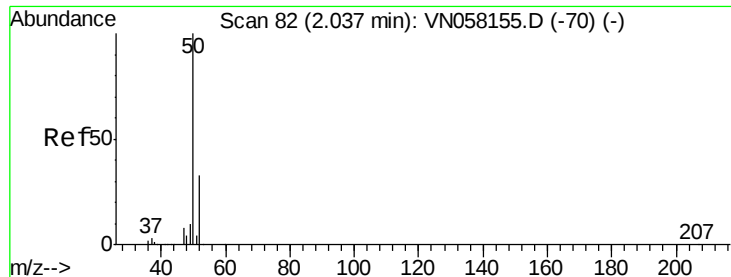
1000

0

1.80 1.85

Time-->





#3

Chloromethane

Concen: Below Cal

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN058261.D

Acq: 20 Sep 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

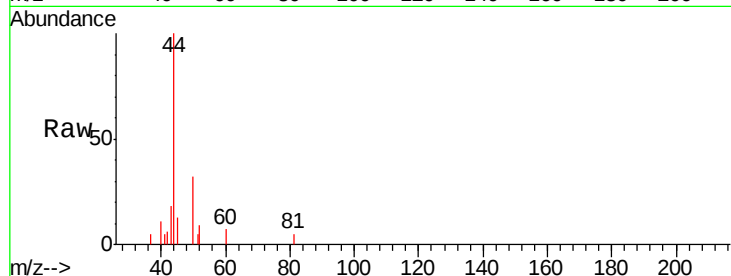
TT101D-20190917

Tgt Ion: 50 Resp: 1705

Ion Ratio Lower Upper

50 100

52 44.5 26.3 39.5#



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

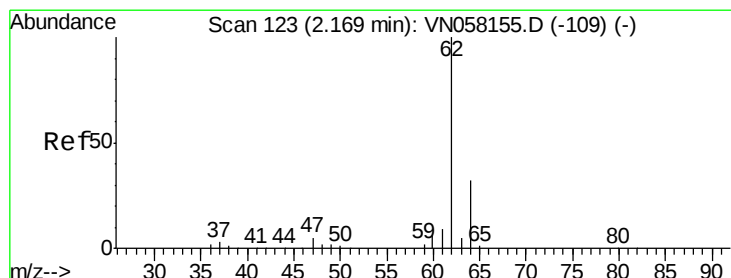
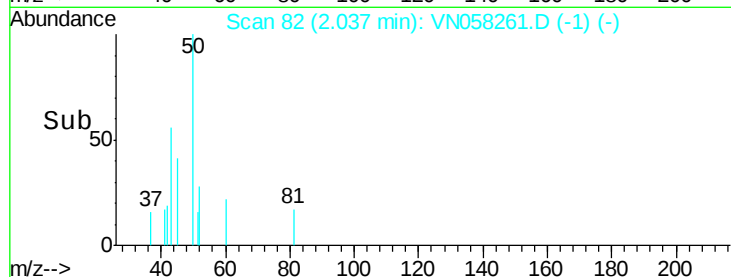
1000

500

0

Time-->

2.00 2.02 2.04 2.06 2.08



#4

Vinyl Chloride

Concen: Below Cal

RT: 2.18 min Scan# 125

Delta R.T. 0.01 min

Lab File: VN058261.D

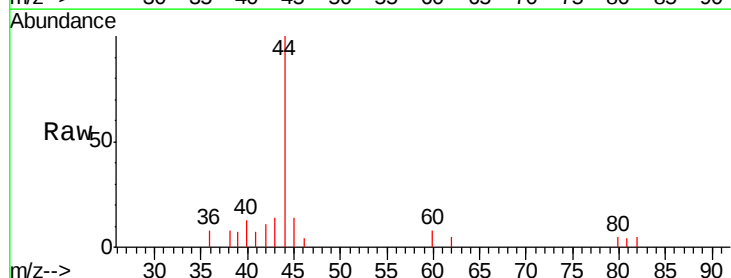
Acq: 20 Sep 2019 19:17

Tgt Ion: 62 Resp: 205

Ion Ratio Lower Upper

62 100

64 0.0 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.18

200

150

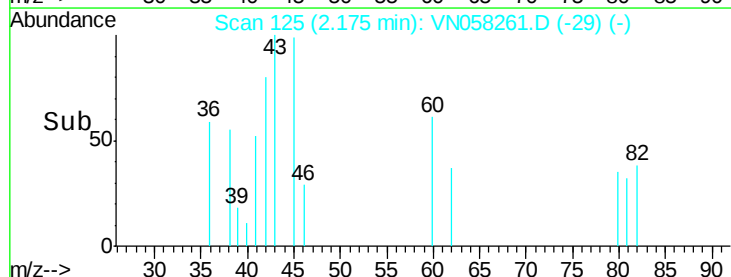
100

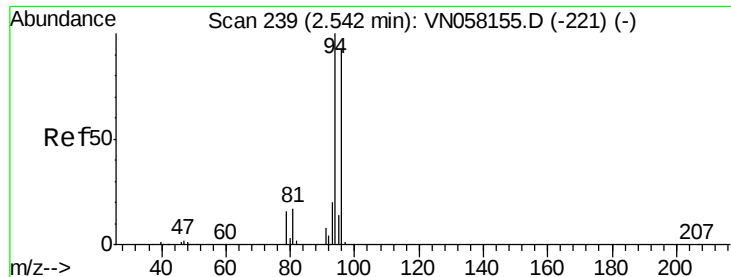
50

0

Time-->

2.16 2.18





#5

Bromomethane

Concen: 0.781 ug/l

RT: 2.55 min Scan# 243

Delta R.T. 0.01 min

Lab File: VN058261.D

Acq: 20 Sep 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

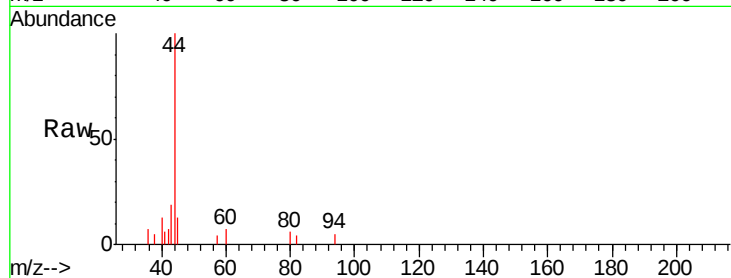
TT101D-20190917

Tgt Ion: 94 Resp: 104

Ion Ratio Lower Upper

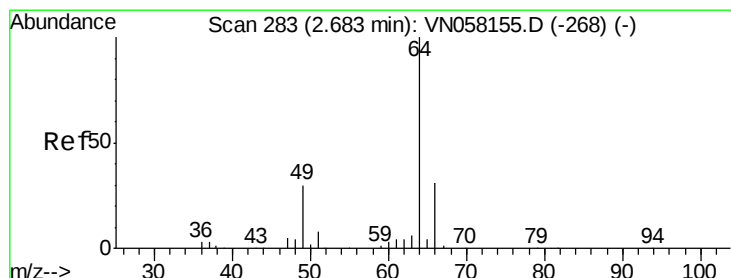
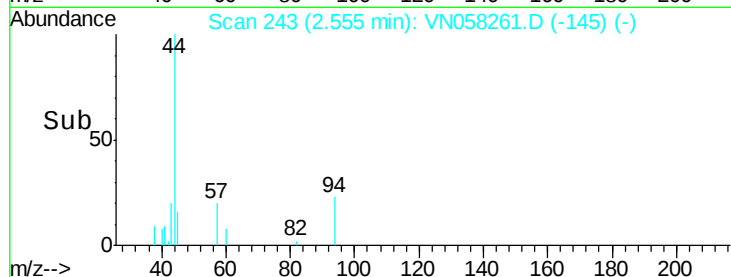
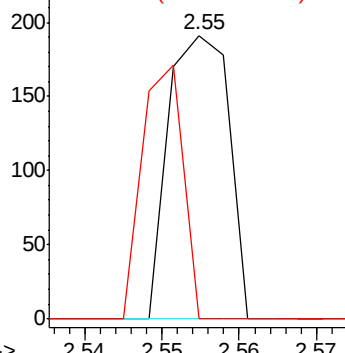
94 100

96 0.0 73.3 109.9#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: Below Cal

RT: 2.70 min Scan# 288

Delta R.T. 0.02 min

Lab File: VN058261.D

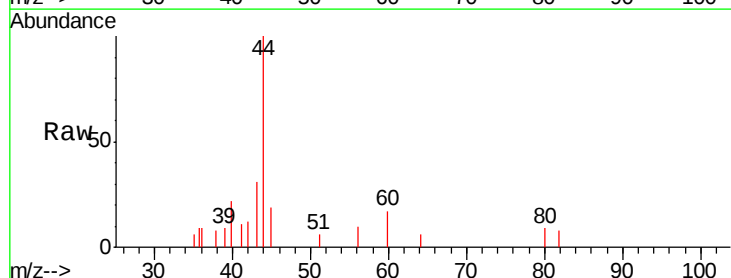
Acq: 20 Sep 2019 19:17

Tgt Ion: 64 Resp: 31

Ion Ratio Lower Upper

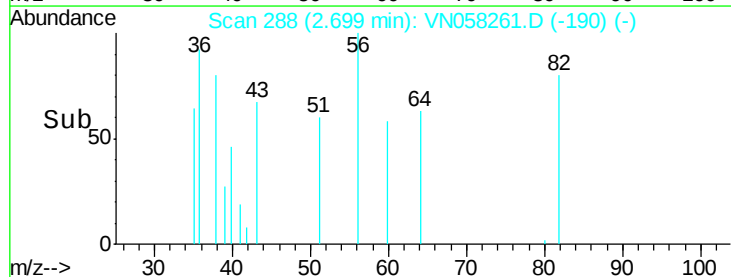
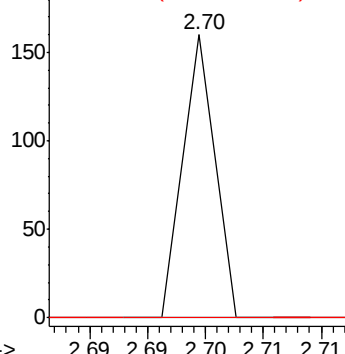
64 100

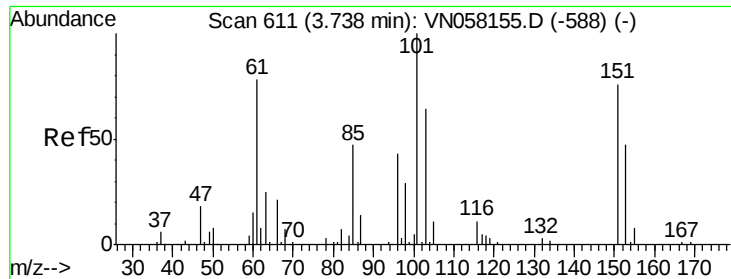
66 0.0 24.6 37.0#



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

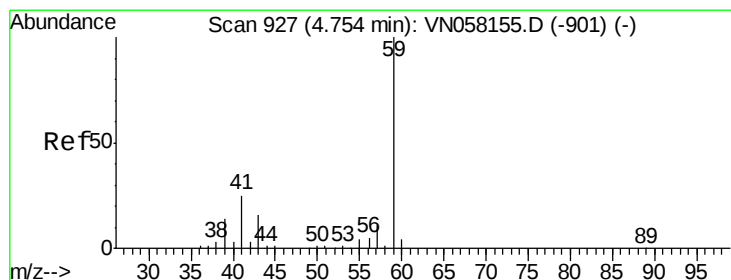
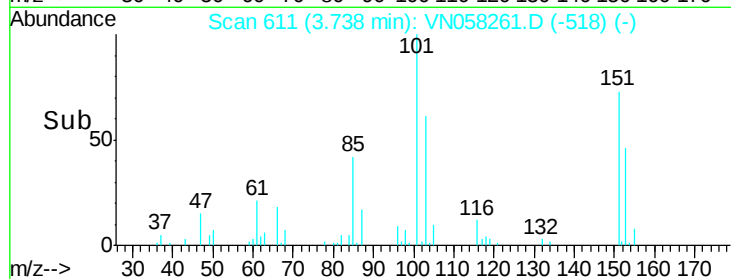
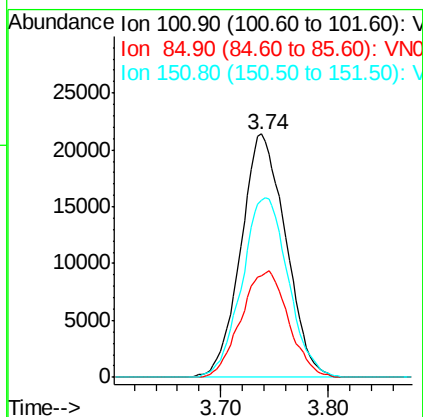
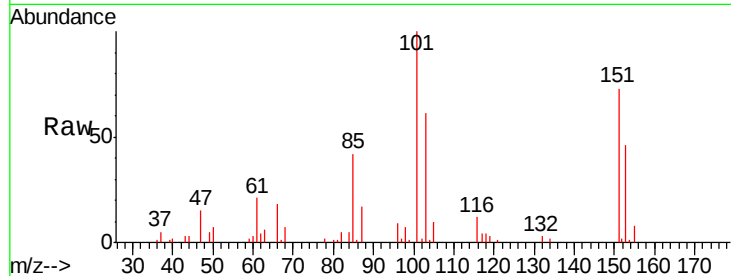




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 16.048 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VN058261.D
 Acq: 20 Sep 2019 19:17

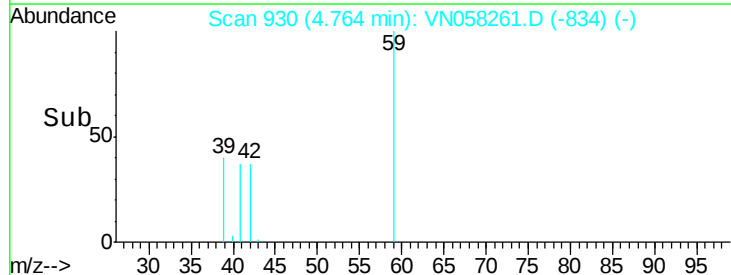
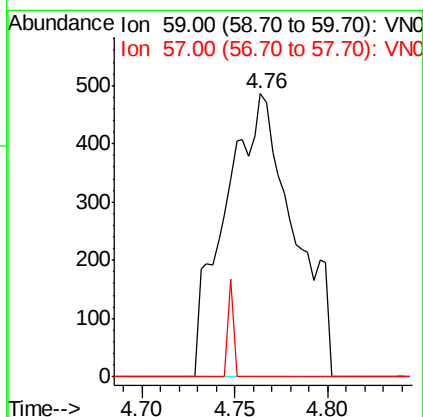
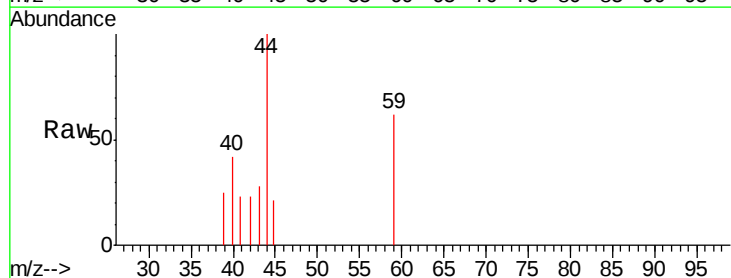
Instrument :
 MSVOA_N
 ClientSampleId :
 TT101D-20190917

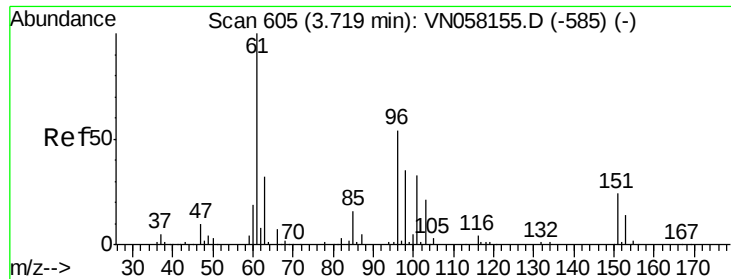
Tgt Ion: 101 Resp: 61652
 Ion Ratio Lower Upper
 101 100
 85 46.1 37.3 55.9
 151 76.0 59.6 89.4



#11
 Tert butyl alcohol
 Concen: 1.598 ug/l
 RT: 4.76 min Scan# 930
 Delta R.T. 0.01 min
 Lab File: VN058261.D
 Acq: 20 Sep 2019 19:17

Tgt Ion: 59 Resp: 1258
 Ion Ratio Lower Upper
 59 100
 57 2.5 8.6 13.0#





#12

1,1-Dichloroethene

Concen: 3.716 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN058261.D

Acq: 20 Sep 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

TT101D-20190917

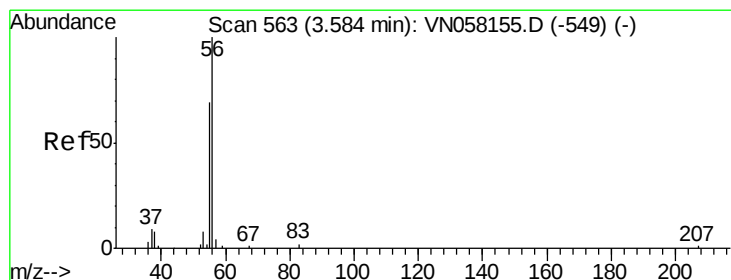
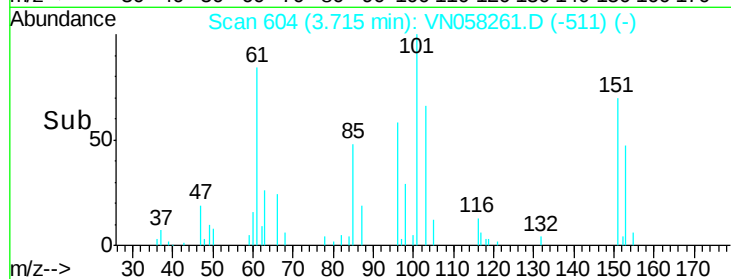
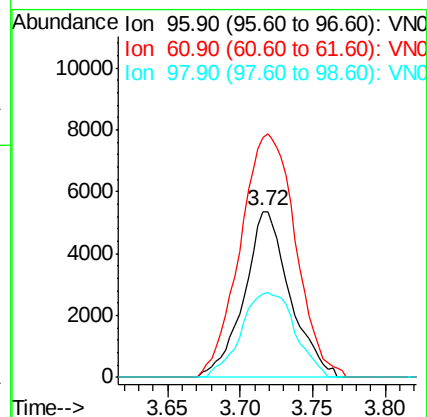
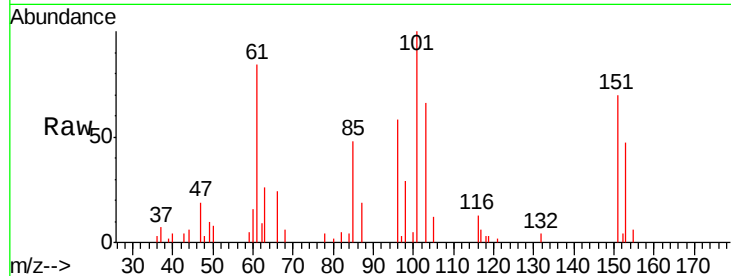
Tgt Ion: 96 Resp: 11795

Ion Ratio Lower Upper

96 100

61 144.8 149.5 224.3#

98 50.2 52.4 78.6#



#13

Acrolein

Concen: 0.257 ug/l

RT: 3.38 min Scan# 500

Delta R.T. -0.20 min

Lab File: VN058261.D

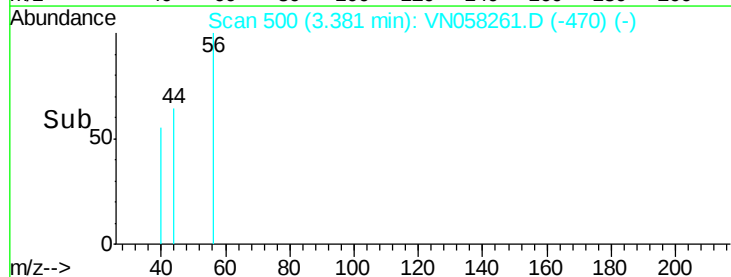
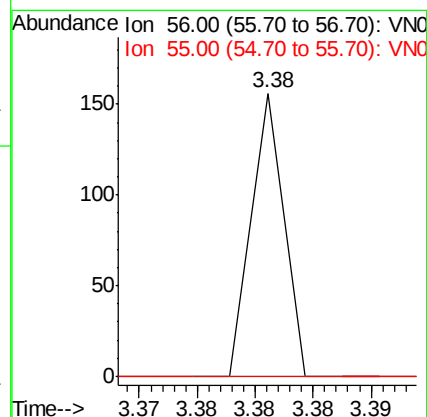
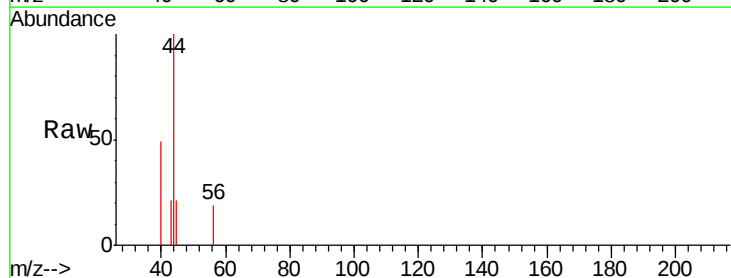
Acq: 20 Sep 2019 19:17

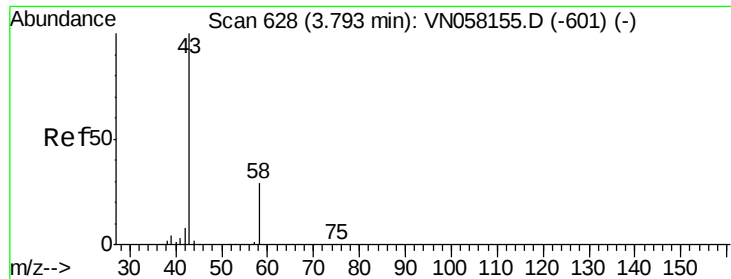
Tgt Ion: 56 Resp: 30

Ion Ratio Lower Upper

56 100

55 0.0 56.1 84.1#





#16

Acetone

Concen: 5.502 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058261.D

Acq: 20 Sep 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

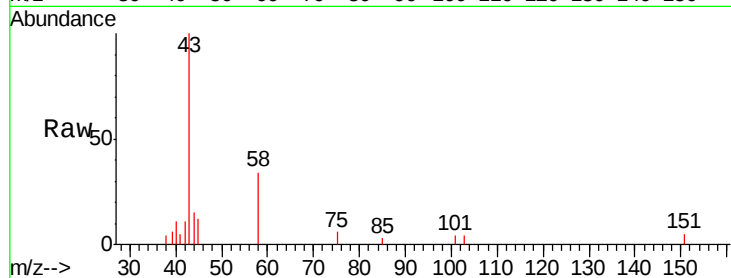
TT101D-20190917

Tgt Ion: 43 Resp: 12360

Ion Ratio Lower Upper

43 100

58 35.0 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.80

4000

3000

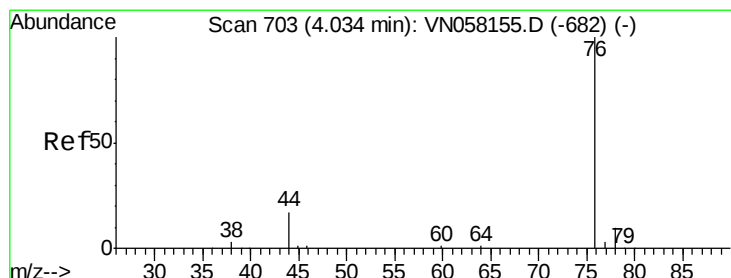
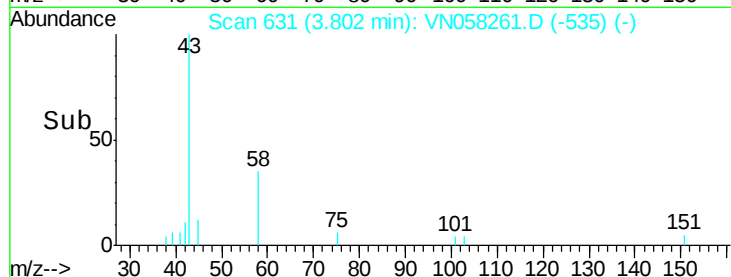
2000

1000

0

Time-->

3.70 3.75 3.80 3.85 3.90



#17

Carbon Disulfide

Concen: 0.293 ug/l

RT: 4.04 min Scan# 704

Delta R.T. 0.00 min

Lab File: VN058261.D

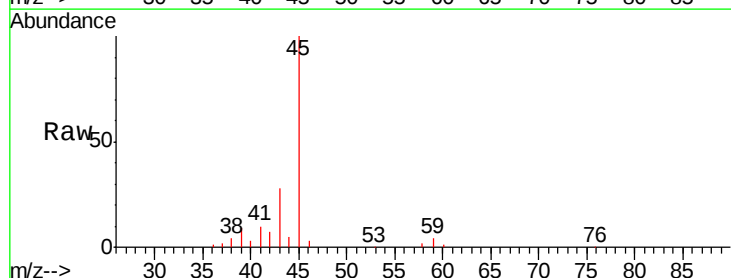
Acq: 20 Sep 2019 19:17

Tgt Ion: 76 Resp: 90

Ion Ratio Lower Upper

76 100

78 0.0 7.7 11.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.04

200

150

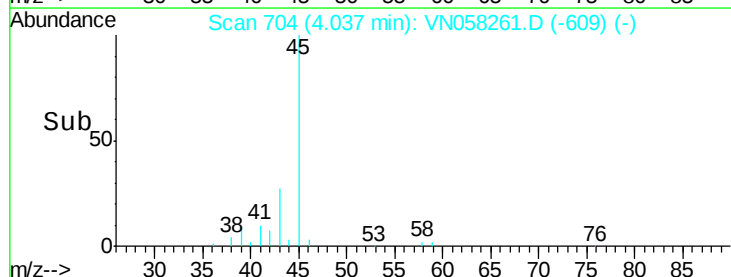
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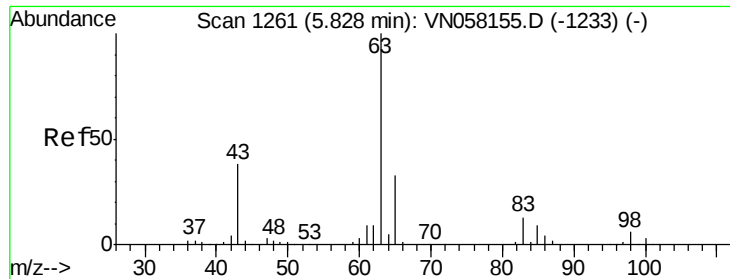
50

0

Time-->

4.03 4.04 4.05

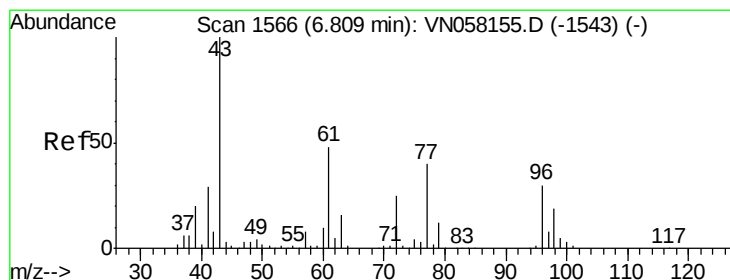
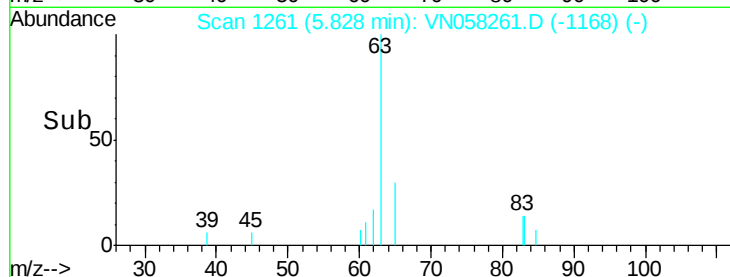
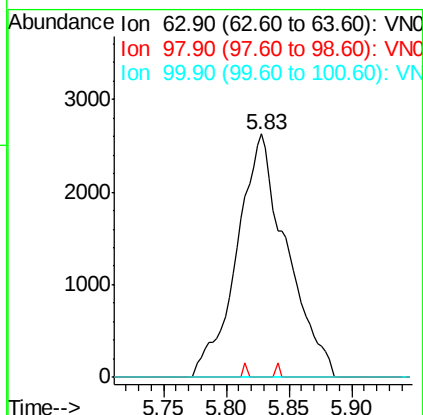
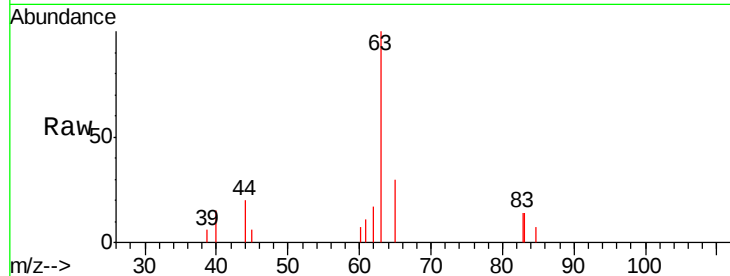




#24
 1,1-Dichloroethane
 Concen: 0.855 ug/l
 RT: 5.83 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN058261.D
 Acq: 20 Sep 2019 19:17

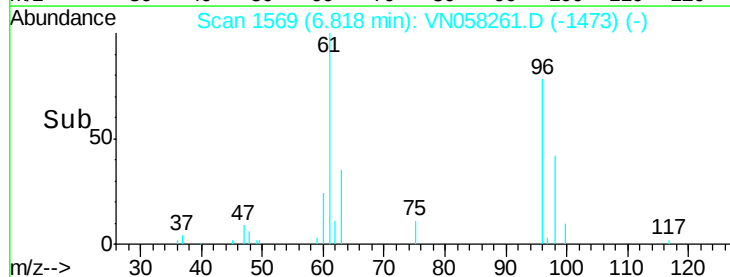
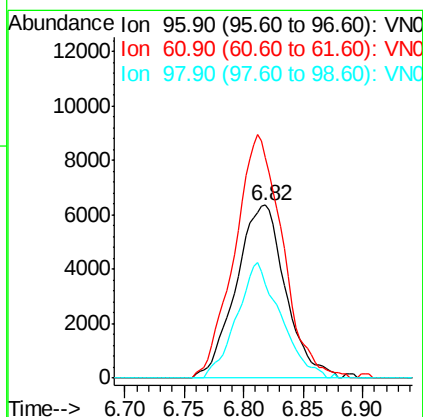
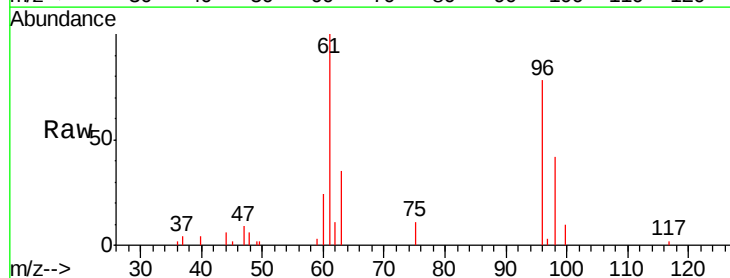
Instrument :
 MSVOA_N
 ClientSampleId :
 TT101D-20190917

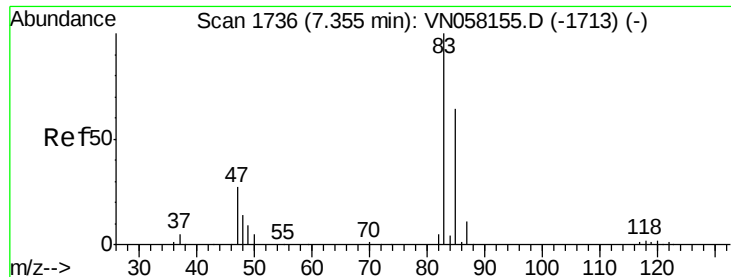
Tgt Ion: 63 Resp: 7291
 Ion Ratio Lower Upper
 63 100
 98 0.0 2.9 8.6#
 100 0.0 1.8 5.3#



#27
 cis-1,2-Dichloroethene
 Concen: 3.800 ug/l
 RT: 6.82 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: VN058261.D
 Acq: 20 Sep 2019 19:17

Tgt Ion: 96 Resp: 18311
 Ion Ratio Lower Upper
 96 100
 61 136.6 0.0 319.0
 98 59.0 0.0 126.6

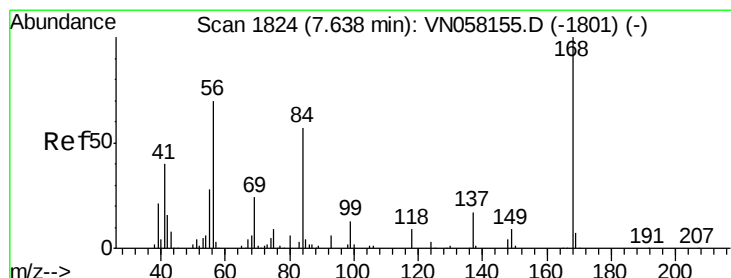
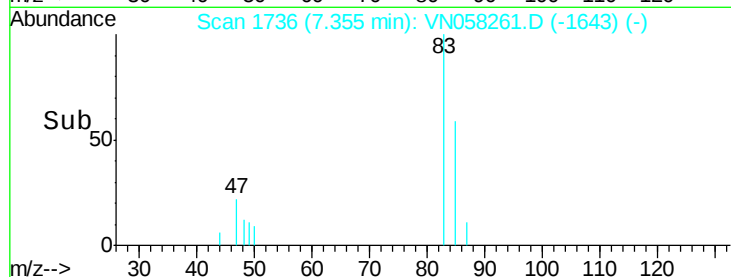
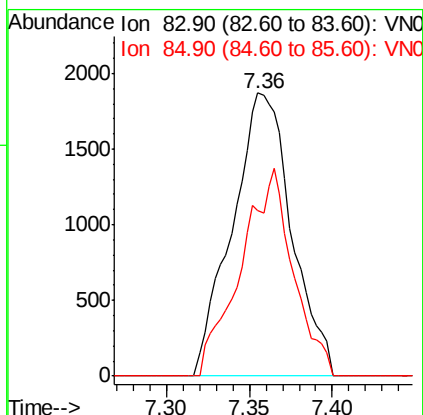
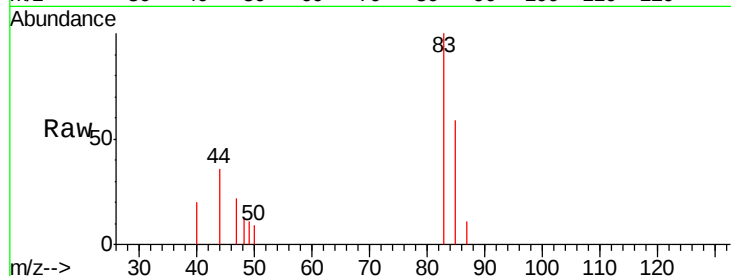




#30
Chloroform
Concen: 0.509 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VN058261.D
Acq: 20 Sep 2019 19:17

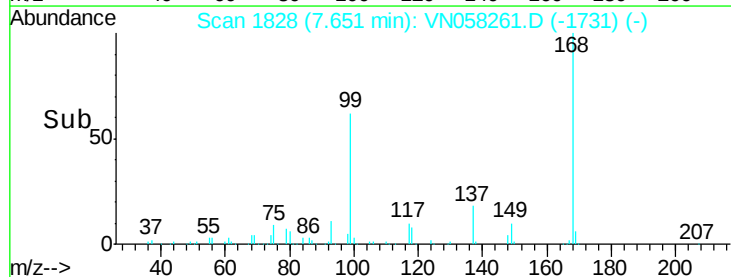
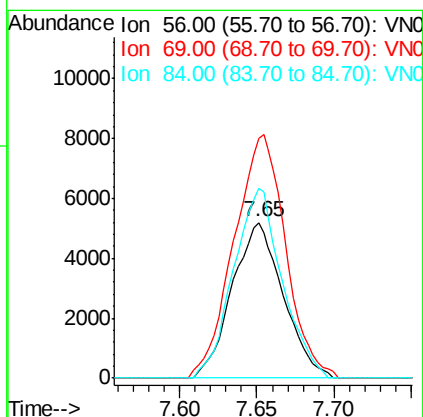
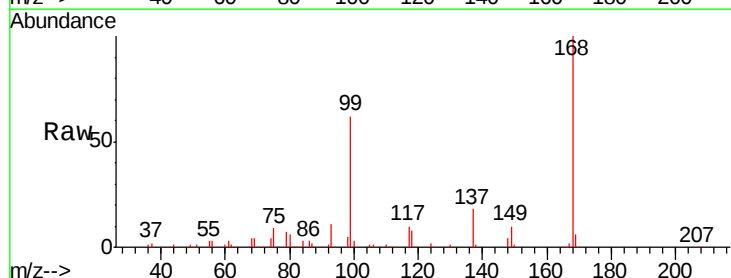
Instrument :
MSVOA_N
ClientSampleId :
TT101D-20190917

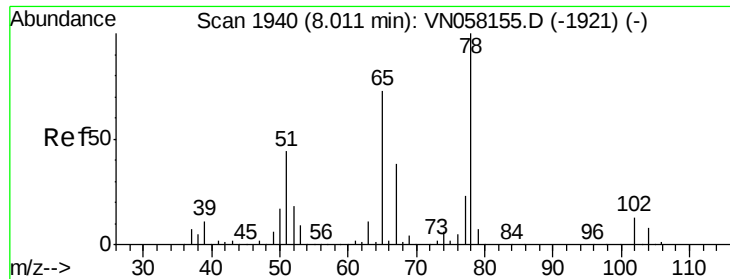
Tgt Ion: 83 Resp: 4674
Ion Ratio Lower Upper
83 100
85 58.7 51.4 77.2



#31
Cyclohexane
Concen: Below Cal
RT: 7.65 min Scan# 1828
Delta R.T. 0.01 min
Lab File: VN058261.D
Acq: 20 Sep 2019 19:17

Tgt Ion: 56 Resp: 11872
Ion Ratio Lower Upper
56 100
69 154.2 27.3 40.9#
84 122.0 65.0 97.4#

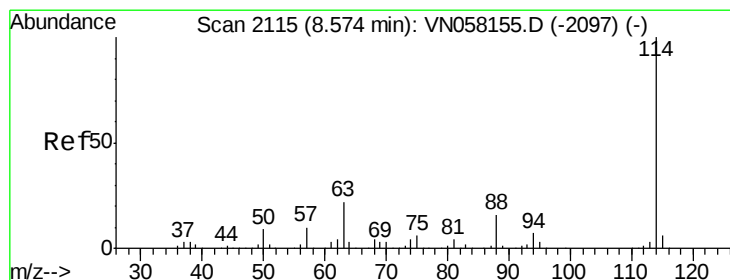
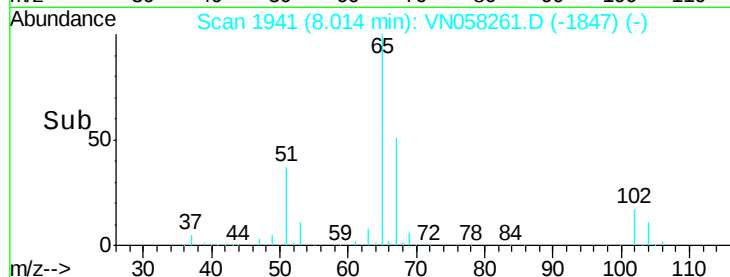
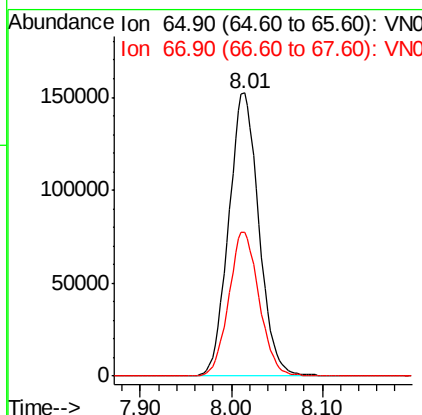
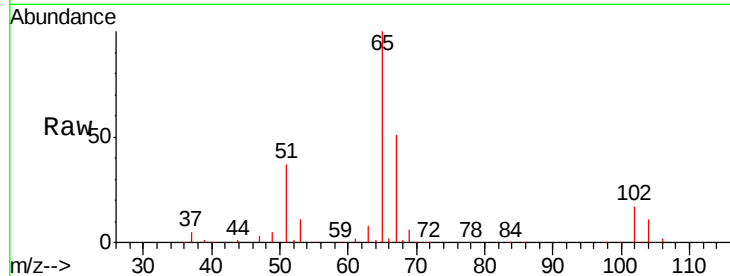




#33
 1,2-Dichloroethane-d4
 Concen: 53.126 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058261.D
 Acq: 20 Sep 2019 19:17

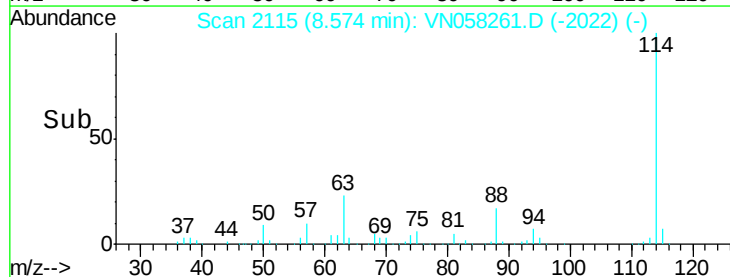
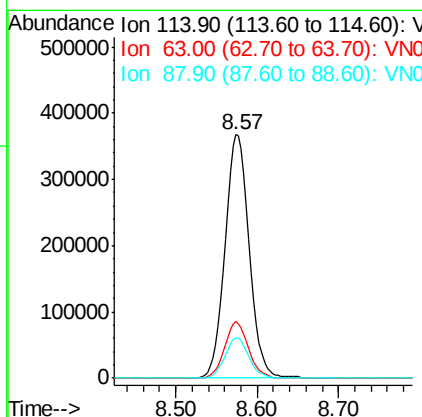
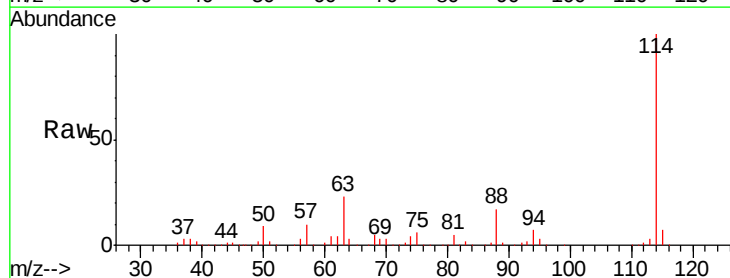
Instrument :
 MSVOA_N
 ClientSampleId :
 TT101D-20190917

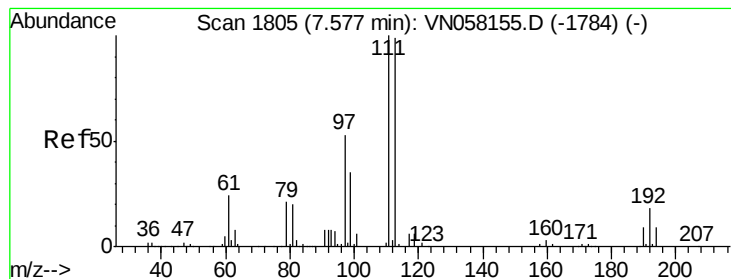
Tgt Ion: 65 Resp: 351621
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058261.D
 Acq: 20 Sep 2019 19:17

Tgt Ion: 114 Resp: 771348
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 44.2
 88 16.5 0.0 31.6





#35

Dibromofluoromethane

Concen: 52.184 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. -0.00 min

Lab File: VN058261.D

Acq: 20 Sep 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

TT101D-20190917

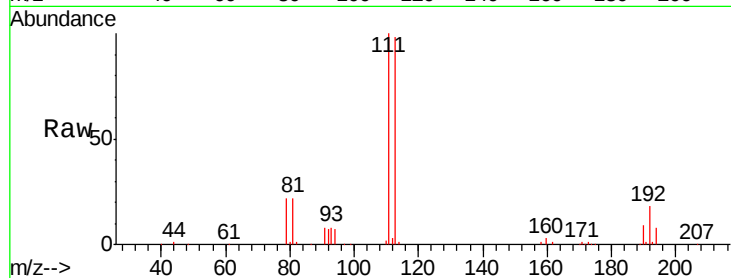
Tgt Ion:113 Resp: 244697

Ion Ratio Lower Upper

113 100

111 101.7 81.8 122.6

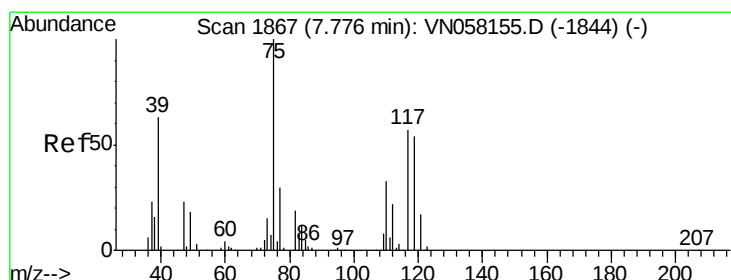
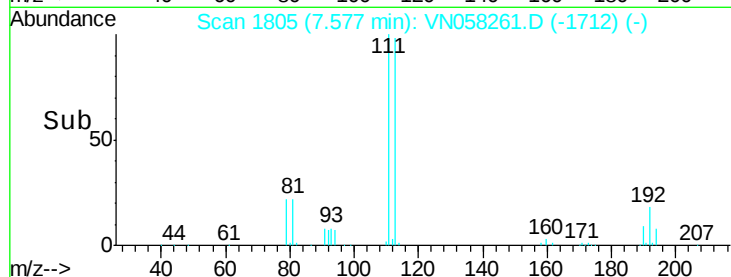
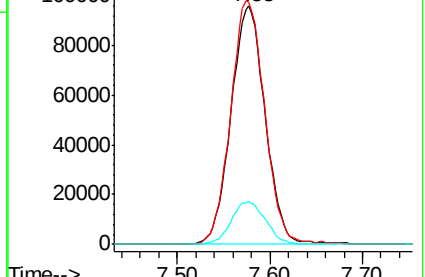
192 18.1 14.5 21.7



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: 7.171 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.13 min

Lab File: VN058261.D

Acq: 20 Sep 2019 19:17

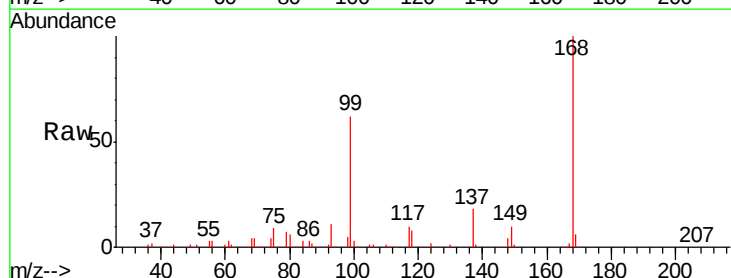
Tgt Ion: 75 Resp: 39891

Ion Ratio Lower Upper

75 100

110 9.4 16.6 49.7#

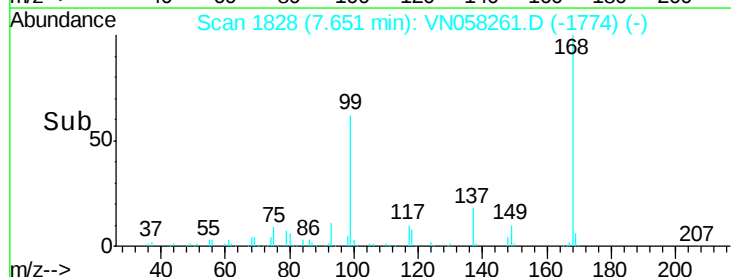
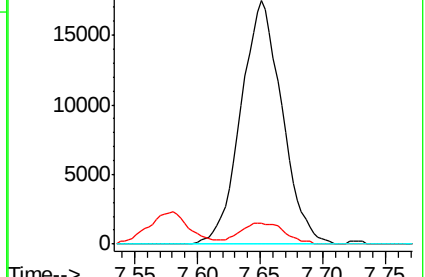
77 0.0 24.3 36.5#

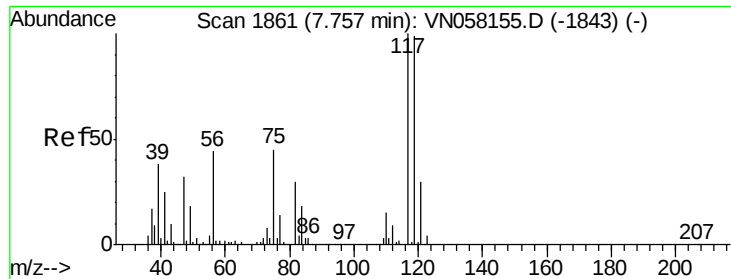


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 8.665 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN058261.D

Acq: 20 Sep 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

TT101D-20190917

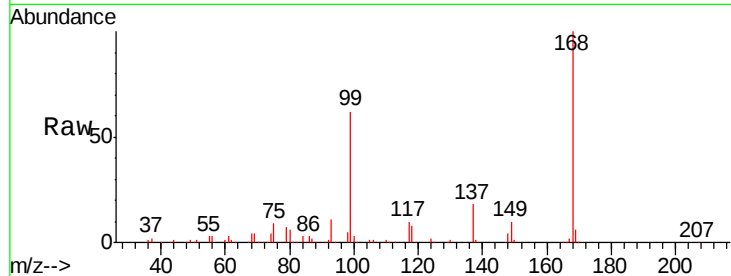
Tgt Ion:117 Resp: 48449

Ion Ratio Lower Upper

117 100

119 4.5 78.6 117.8#

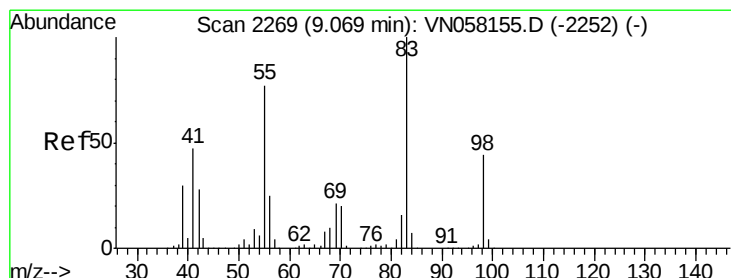
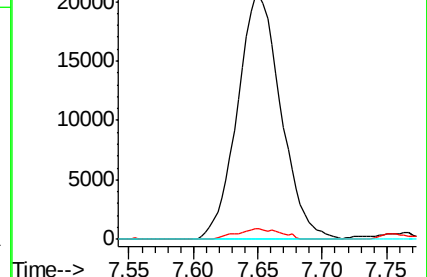
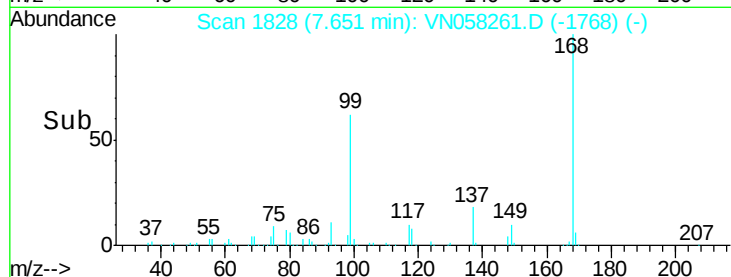
121 0.0 24.1 36.1#



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: 1.219 ug/l

RT: 8.83 min Scan# 2194

Delta R.T. -0.24 min

Lab File: VN058261.D

Acq: 20 Sep 2019 19:17

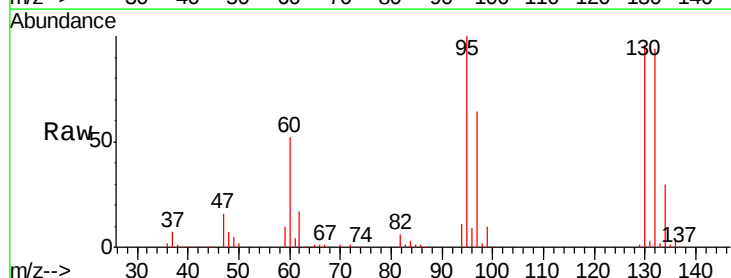
Tgt Ion: 83 Resp: 6181

Ion Ratio Lower Upper

83 100

55 0.0 61.9 92.9#

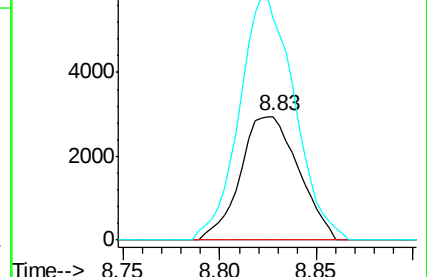
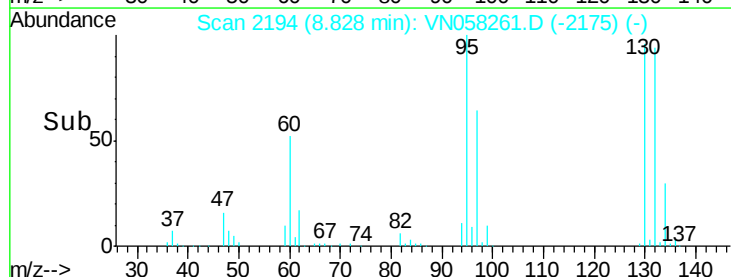
98 179.3 35.4 53.2#

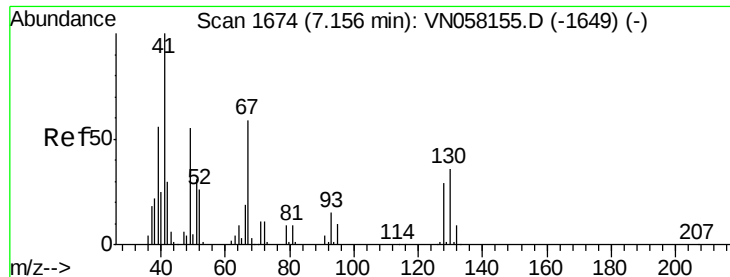


Abundance Ion 83.00 (82.70 to 83.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO

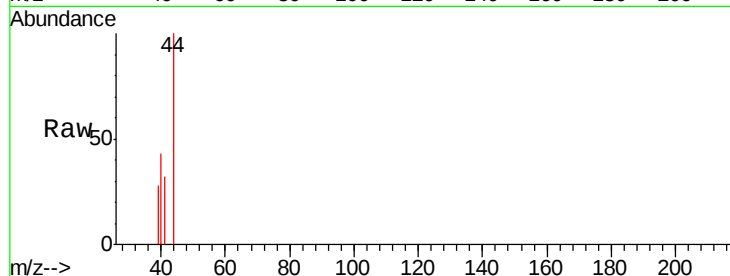




#41
Methacrylonitrile
Concen: 0.922 ug/l
RT: 7.15 min Scan# 1671
Delta R.T. -0.01 min
Lab File: VN058261.D
Acq: 20 Sep 2019 19:17

Instrument :
MSVOA_N
ClientSampleId :
TT101D-20190917

Tgt Ion:	41	Resp:	33
Ion	Ratio	Lower	Upper
41	100		
39	281.8	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

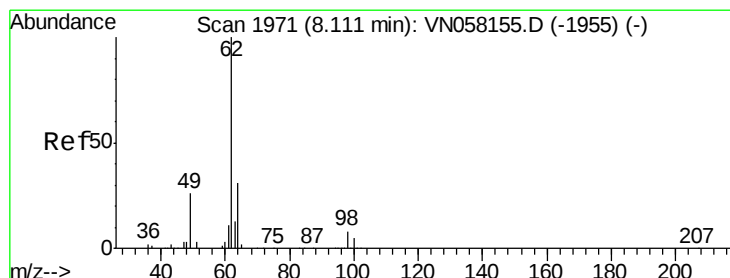
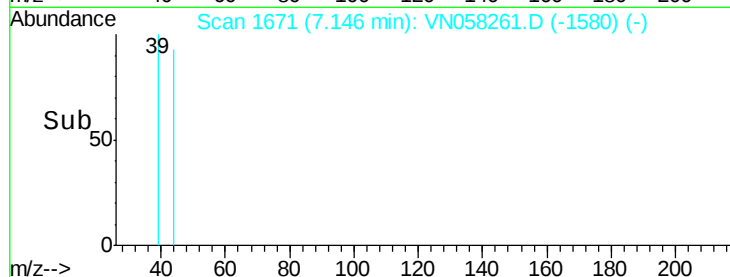
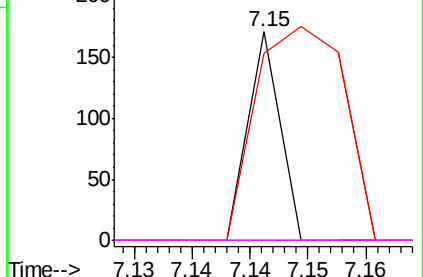


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

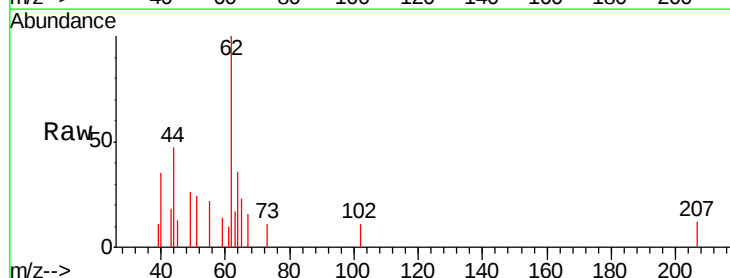
Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



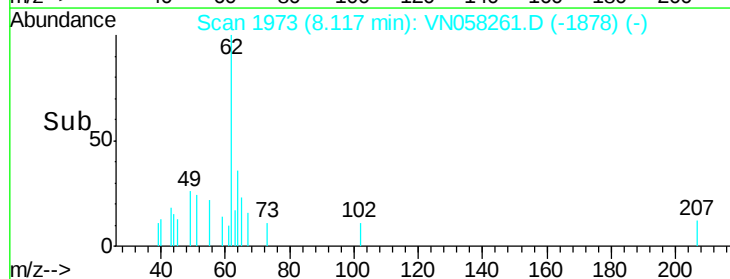
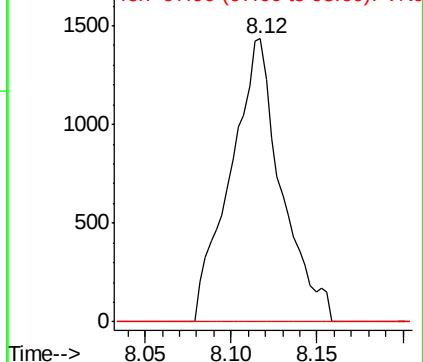
#42
1,2-Dichloroethane
Concen: 0.415 ug/l
RT: 8.12 min Scan# 1973
Delta R.T. 0.01 min
Lab File: VN058261.D
Acq: 20 Sep 2019 19:17

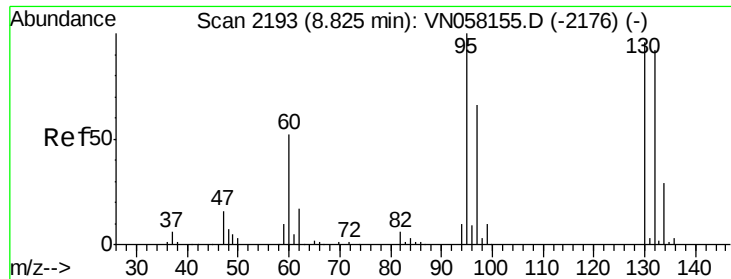
Tgt Ion:	62	Resp:	2957
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	15.6



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

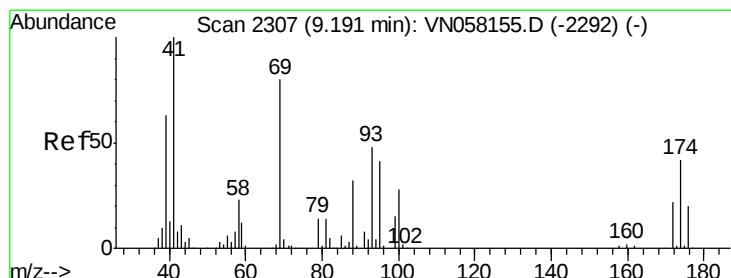
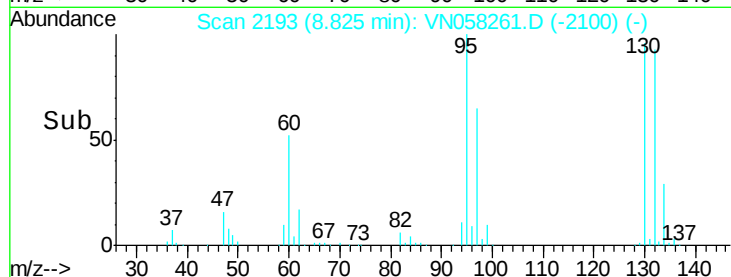
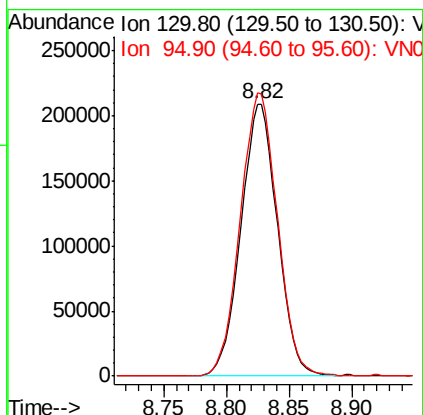
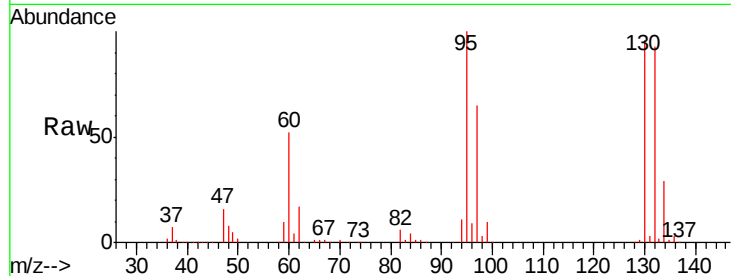




#44
 Trichloroethene
 Concen: 102.030 ug/l
 RT: 8.82 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VN058261.D
 Acq: 20 Sep 2019 19:17

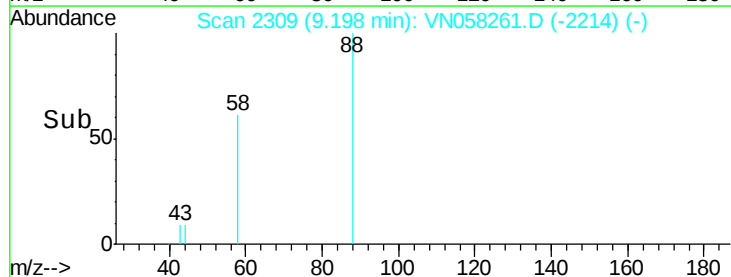
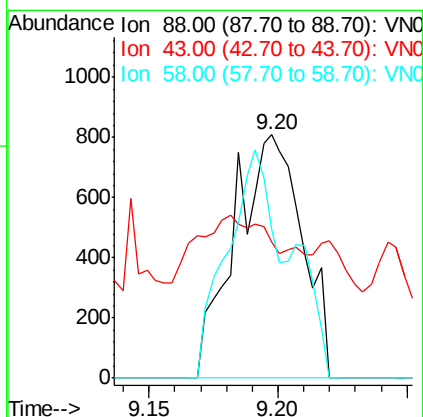
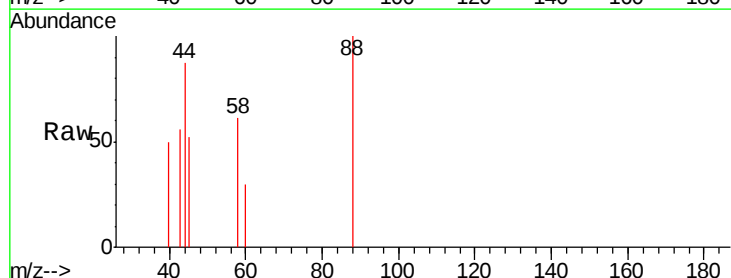
Instrument :
 MSVOA_N
 ClientSampleId :
 TT101D-20190917

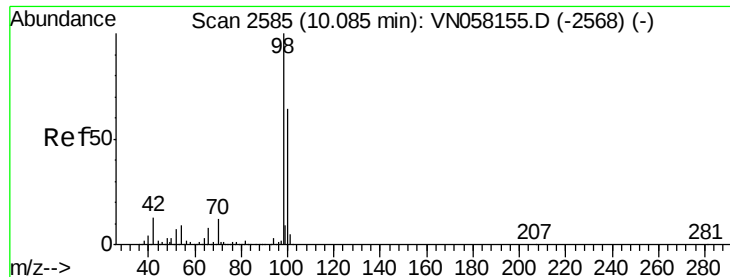
Tgt Ion:130 Resp: 424207
 Ion Ratio Lower Upper
 130 100
 95 103.9 0.0 207.8



#49
 1,4-Dioxane
 Concen: 18.390 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. 0.01 min
 Lab File: VN058261.D
 Acq: 20 Sep 2019 19:17

Tgt Ion: 88 Resp: 1478
 Ion Ratio Lower Upper
 88 100
 43 31.5 27.8 41.8
 58 68.7 55.0 82.4





#50

Toluene-d8

Concen: 54.584 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058261.D

Acq: 20 Sep 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

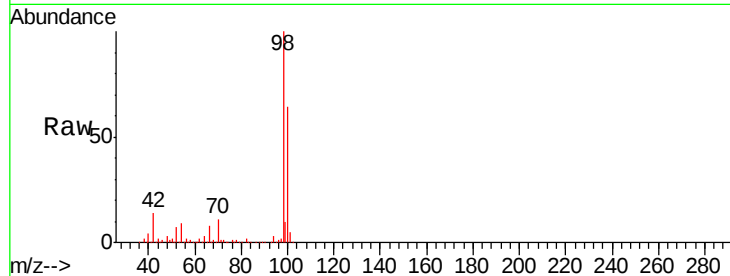
TT101D-20190917

Tgt Ion: 98 Resp: 997255

Ion Ratio Lower Upper

98 100

100 63.5 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.08

600000

500000

400000

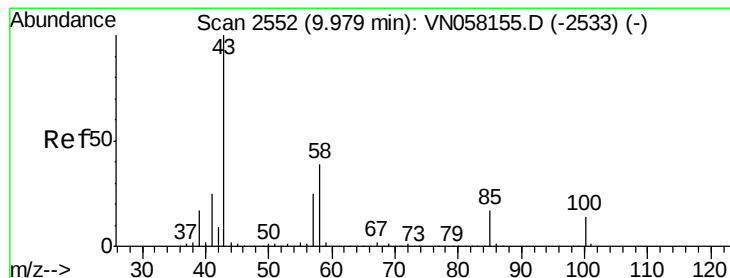
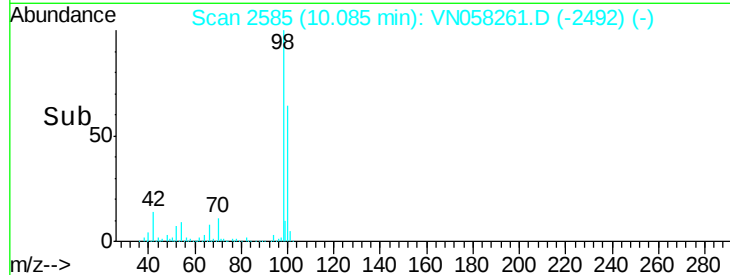
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.365 ug/l

RT: 9.93 min Scan# 2537

Delta R.T. -0.05 min

Lab File: VN058261.D

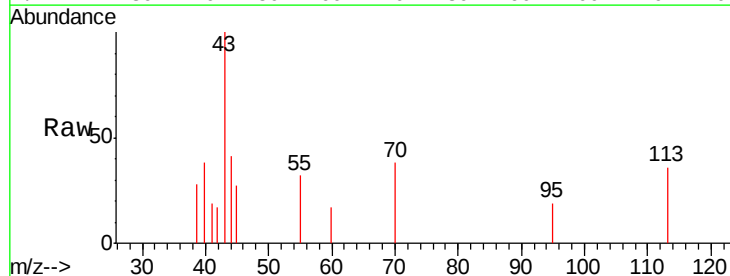
Acq: 20 Sep 2019 19:17

Tgt Ion: 43 Resp: 2090

Ion Ratio Lower Upper

43 100

58 0.0 30.2 45.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

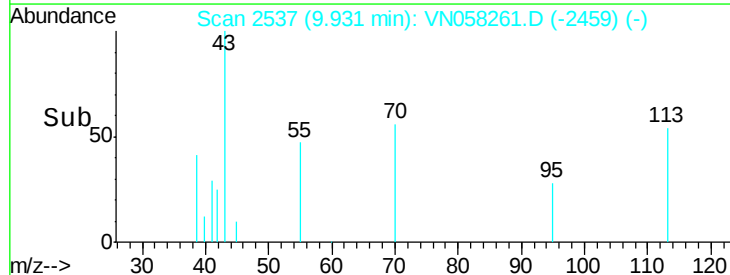
9.93

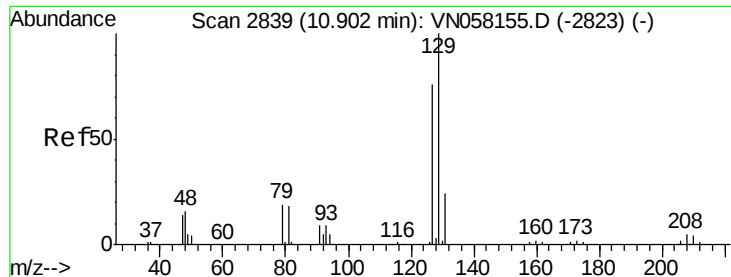
1000

500

0

Time-->

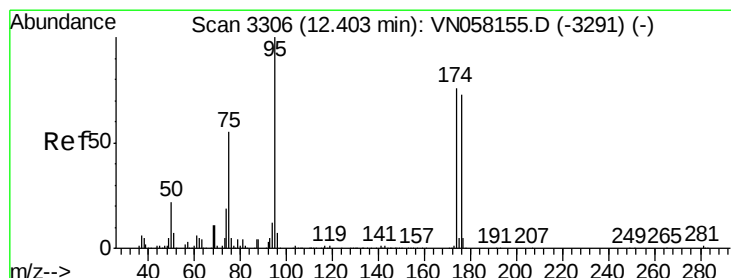
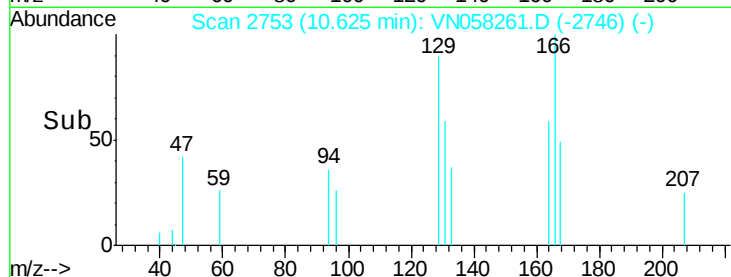
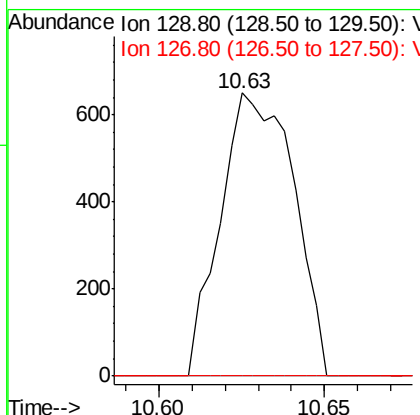
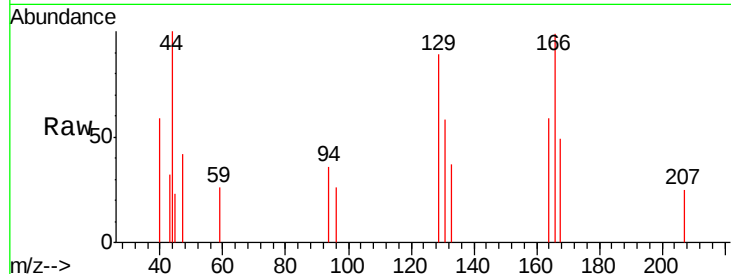




#60
 Dibromochloromethane
 Concen: 0.220 ug/l
 RT: 10.63 min Scan# 2753
 Delta R.T. -0.28 min
 Lab File: VN058261.D
 Acq: 20 Sep 2019 19:17

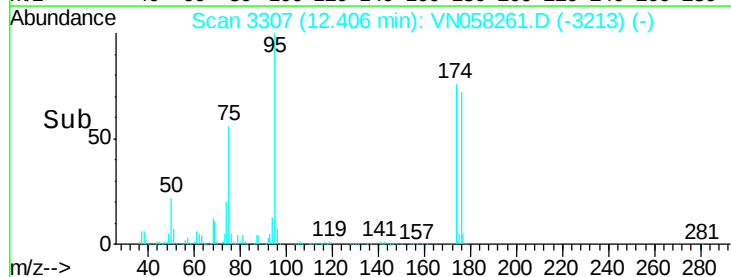
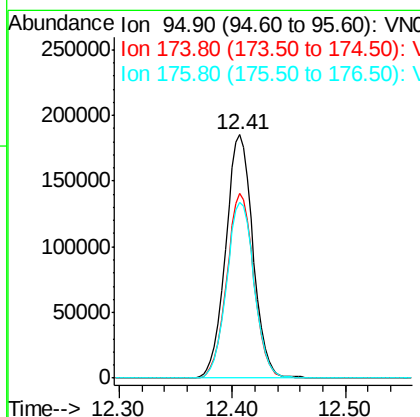
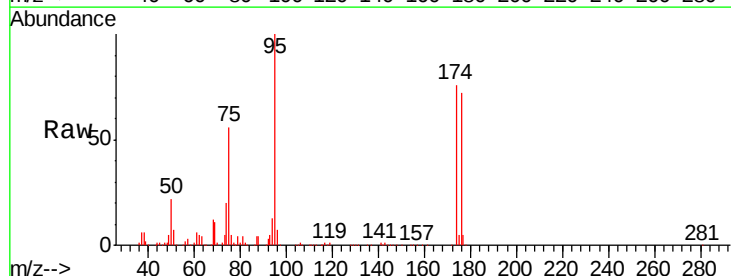
Instrument :
 MSVOA_N
 ClientSampleId :
 TT101D-20190917

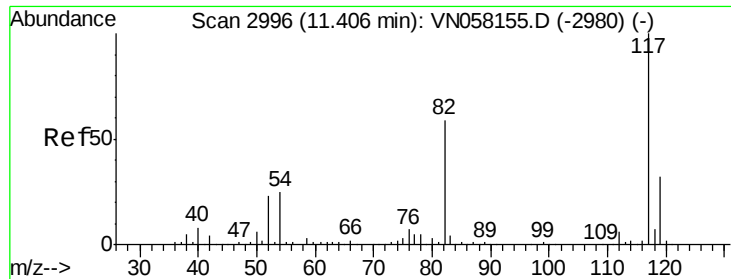
Tgt Ion: 129 Resp: 1001
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.7 116.1#



#62
 4-Bromofluorobenzene
 Concen: 45.699 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: VN058261.D
 Acq: 20 Sep 2019 19:17

Tgt Ion: 95 Resp: 310139
 Ion Ratio Lower Upper
 95 100
 174 75.5 0.0 152.2
 176 73.3 0.0 148.0

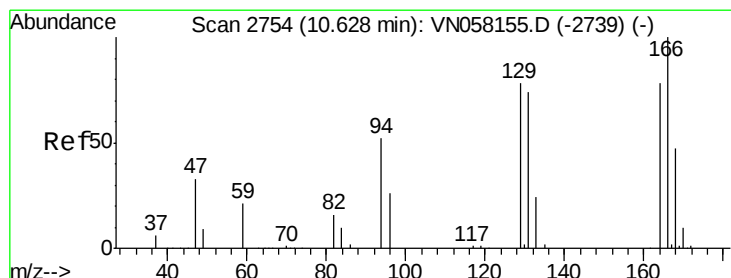
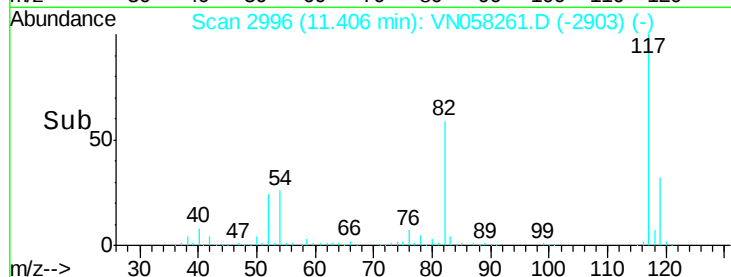
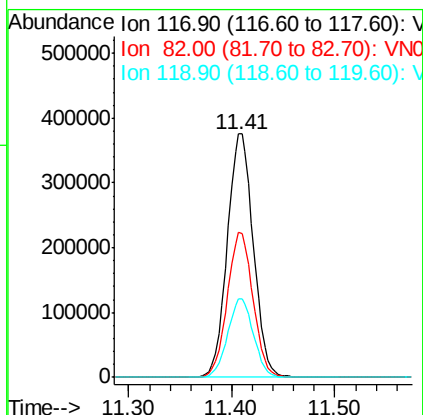
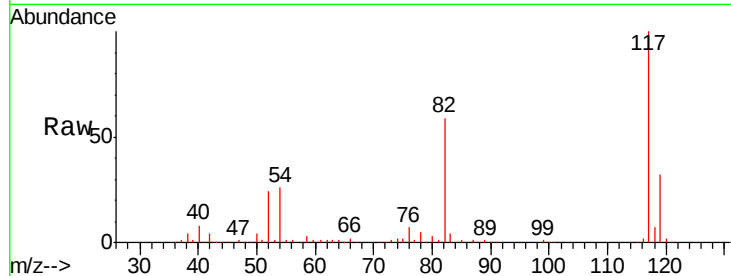




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058261.D
Acq: 20 Sep 2019 19:17

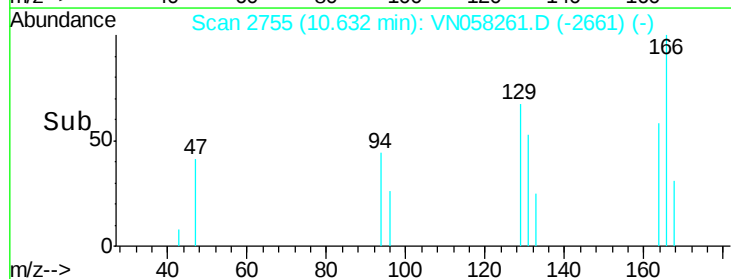
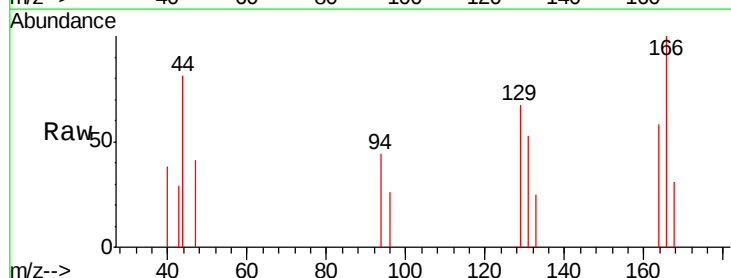
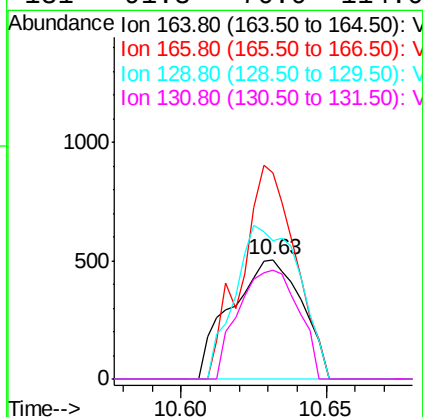
Instrument :
MSVOA_N
ClientSampleId :
TT101D-20190917

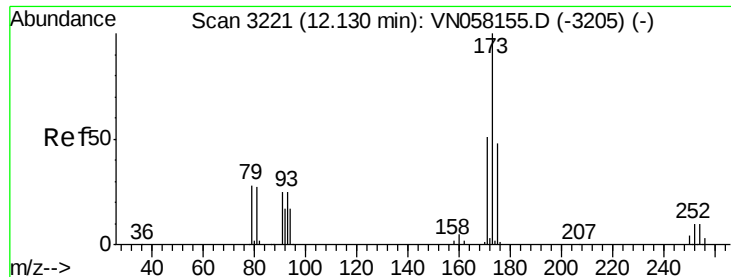
Tgt Ion:117 Resp: 661130
Ion Ratio Lower Upper
117 100
82 59.4 46.9 70.3
119 32.1 25.3 37.9



#64
Tetrachloroethene
Concen: 0.267 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN058261.D
Acq: 20 Sep 2019 19:17

Tgt Ion:164 Resp: 859
Ion Ratio Lower Upper
164 100
166 173.2 102.2 153.4#
129 116.5 79.6 119.4
131 91.3 76.0 114.0

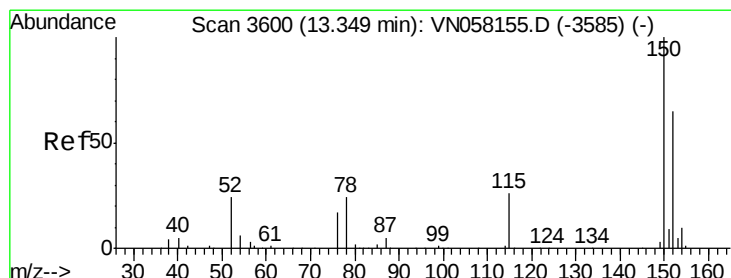
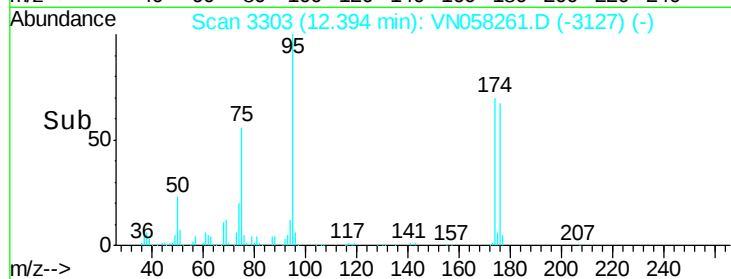
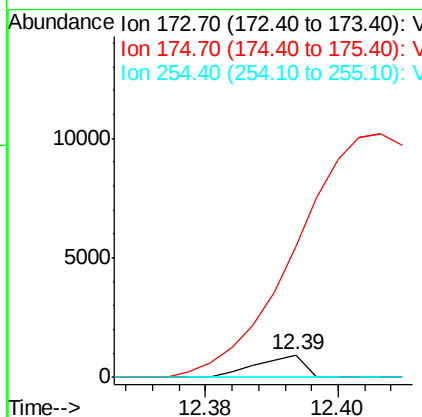
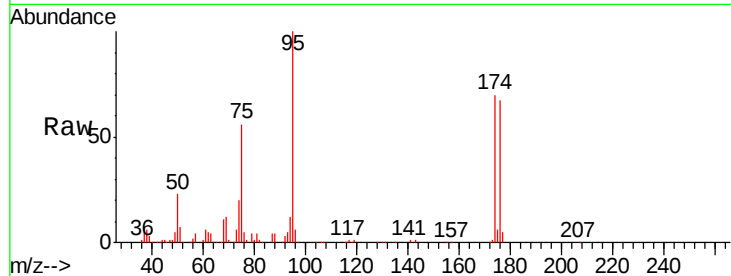




#71
Bromoform
Concen: 3.731 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. 0.26 min
Lab File: VN058261.D
Acq: 20 Sep 2019 19:17

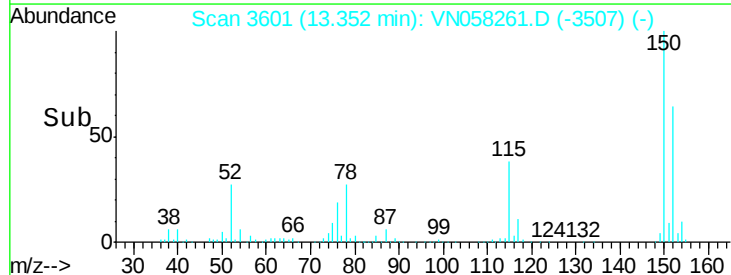
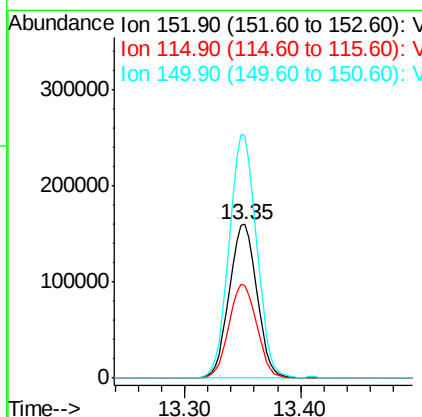
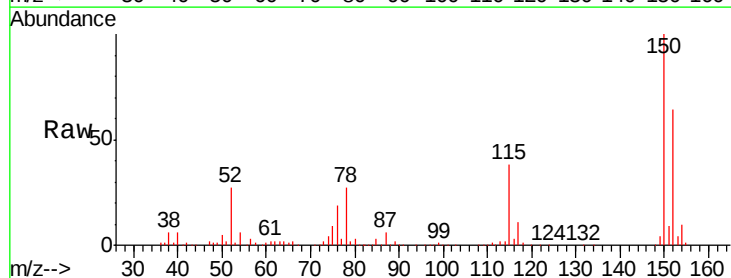
Instrument :
MSVOA_N
ClientSampleId :
TT101D-20190917

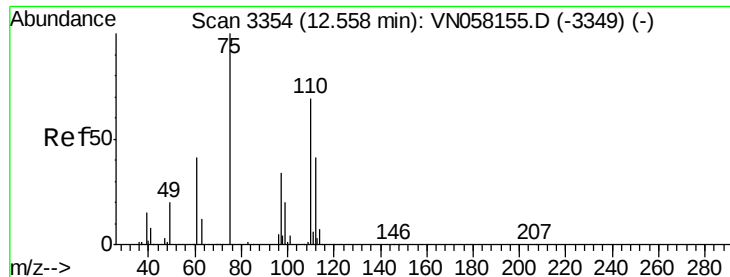
Tgt Ion:173 Resp: 457
Ion Ratio Lower Upper
173 100
175 3180.3 24.2 72.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058261.D
Acq: 20 Sep 2019 19:17

Tgt Ion:152 Resp: 263335
Ion Ratio Lower Upper
152 100
115 61.4 30.1 90.3
150 156.2 0.0 346.4





#76

1,2,3-Trichloropropane

Concen: 36.674 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058261.D

Acq: 20 Sep 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

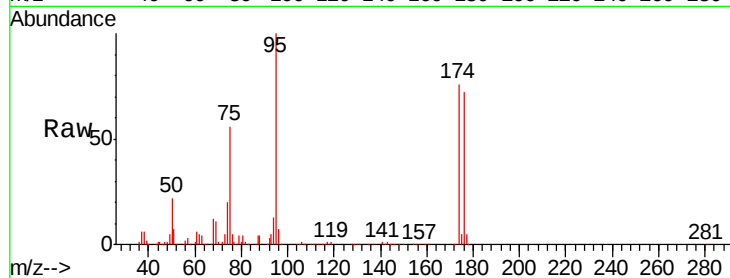
TT101D-20190917

Tgt Ion: 75 Resp: 172842

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

120000

100000

80000

60000

40000

20000

0

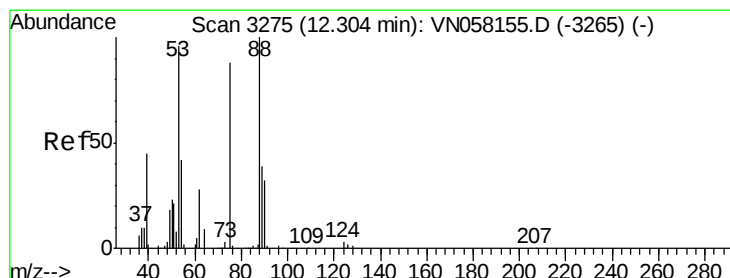
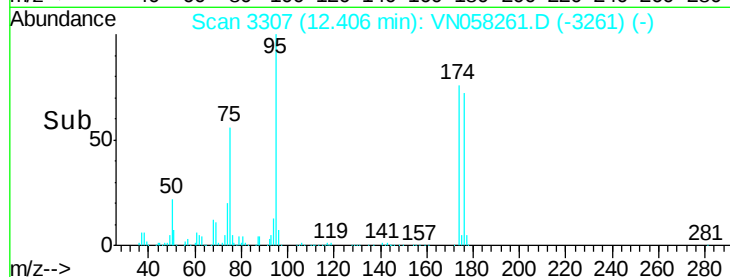
12.41

12.30

12.40

12.50

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 102.315 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058261.D

Acq: 20 Sep 2019 19:17

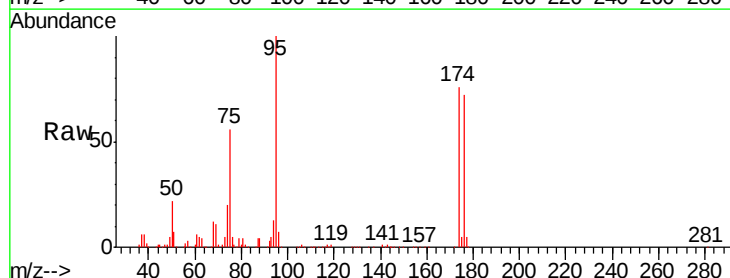
Tgt Ion: 75 Resp: 172842

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

89 0.0 36.2 54.2#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

100000

50000

0

12.41

12.30

12.40

12.50

Time-->

