

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090619\
 Data File : VN057715.D
 Acq On : 6 Sep 2019 16:25
 Operator : JC/SP
 Sample : K4637-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Sep 06 23:24:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 03:46:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	190489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	310231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	278349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	142090	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	234117	50.52	ug/l	0.00
Spiked Amount						
35) Dibromofluoromethane	7.57	113	142551	50.45	ug/l	0.00
Spiked Amount						
50) Toluene-d8	10.09	98	539327	51.60	ug/l	0.00
Spiked Amount						
62) 4-Bromofluorobenzene	12.40	95	197557	45.50	ug/l	0.00
Spiked Amount						

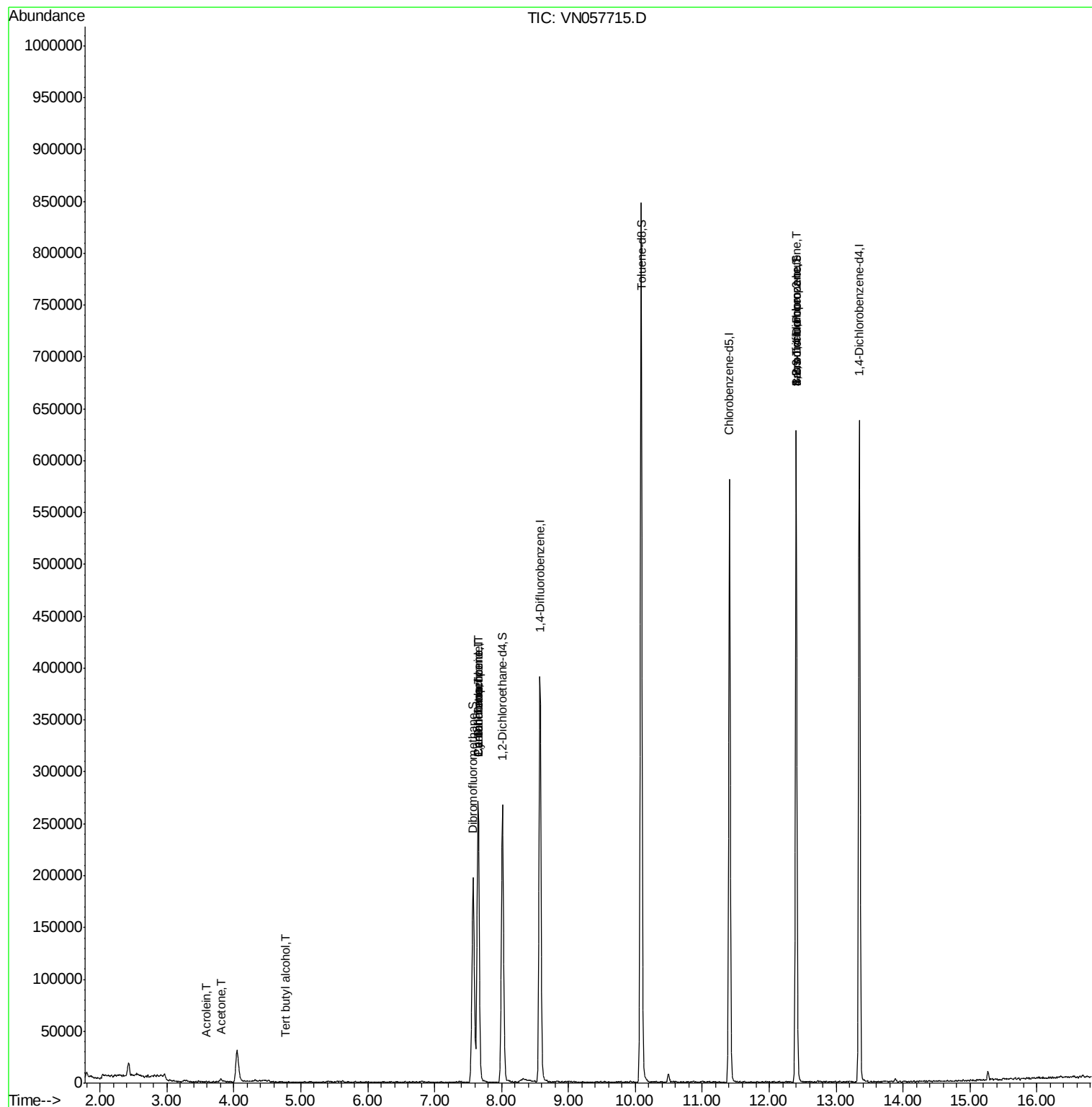
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1801	Below Cal		96
11) Tert butyl alcohol	4.77	59	186	0.353	ug/l #	71
13) Acrolein	3.59	56	146	0.583	ug/l #	41
16) Acetone	3.80	43	1455	1.020	ug/l #	68
31) Cyclohexane	7.65	56	6581	1.265	ug/l #	33
36) 1,1-Dichloropropene	7.65	75	19121	4.633	ug/l #	47
38) Carbon Tetrachloride	7.65	117	22330	5.651	ug/l #	17
71) Bromoform	12.40	173	1027	3.751	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	120420	36.906	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	120420	114.777	ug/l #	1

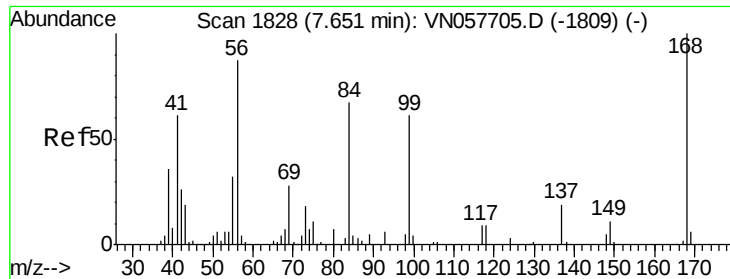
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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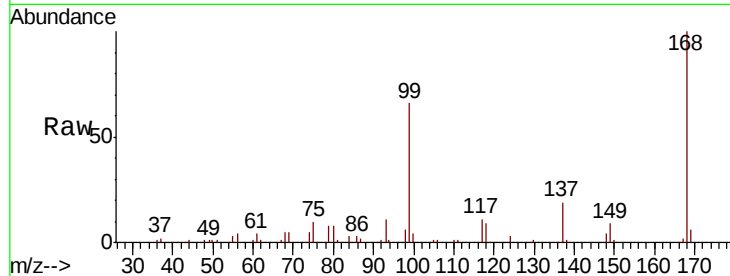




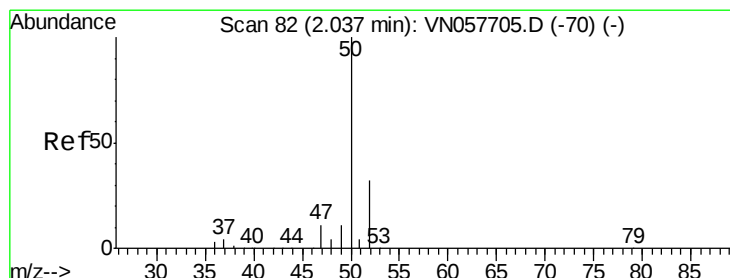
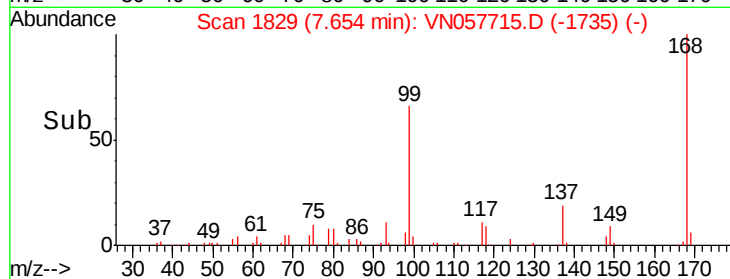
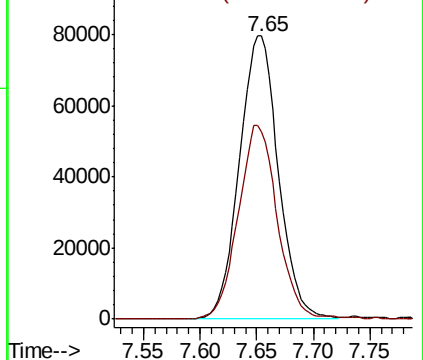
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN057715.D
Acq: 6 Sep 2019 16:25

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion: 168 Resp: 190489
Ion Ratio Lower Upper
168 100
99 66.4 57.4 86.0

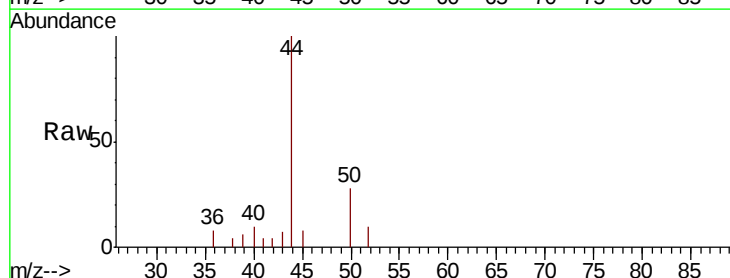


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VN

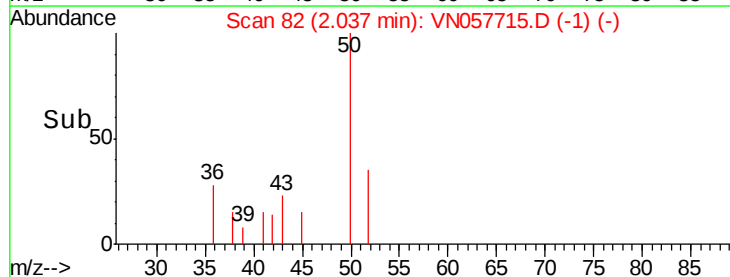
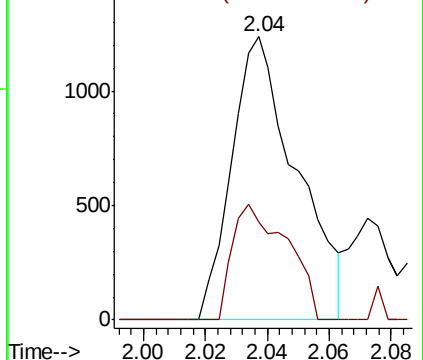


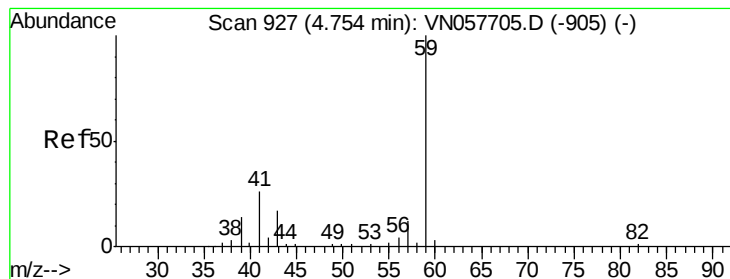
#3
Chloromethane
Concen: Below Cal
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN057715.D
Acq: 6 Sep 2019 16:25

Tgt Ion: 50 Resp: 1801
Ion Ratio Lower Upper
50 100
52 34.6 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN
Ion 51.90 (51.60 to 52.60): VN



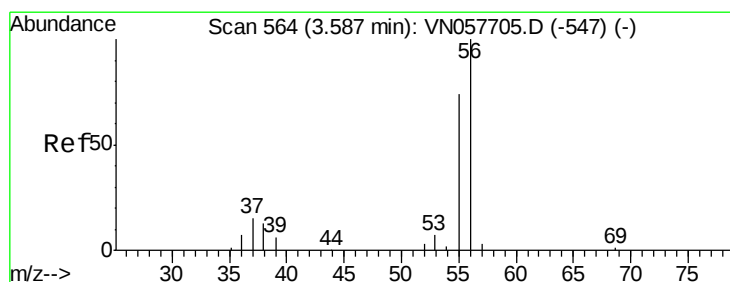
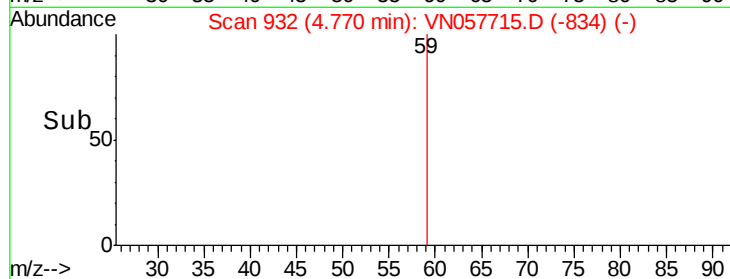
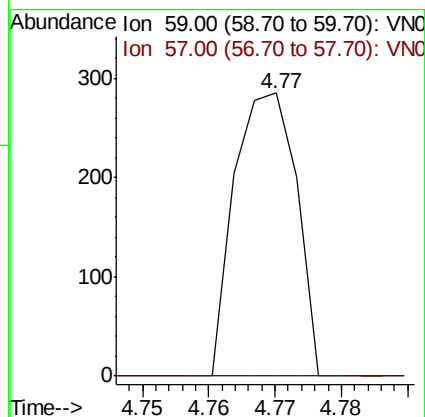
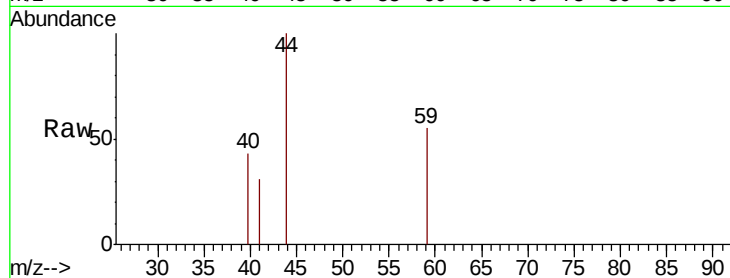


#11

Tert butyl alcohol
 Concen: 0.353 ug/l
 RT: 4.77 min Scan# 932
 Delta R.T. 0.02 min
 Lab File: VN057715.D
 Acq: 6 Sep 2019 16:25

Instrument :
 MSVOA_N
 ClientSampleId :
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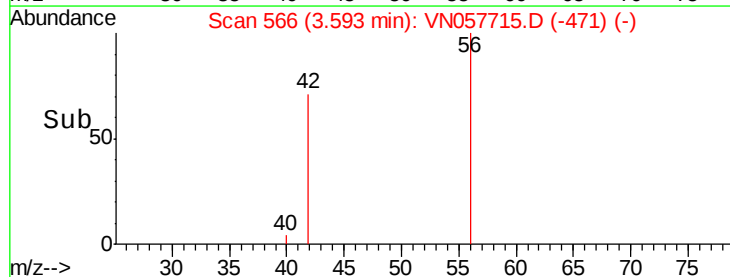
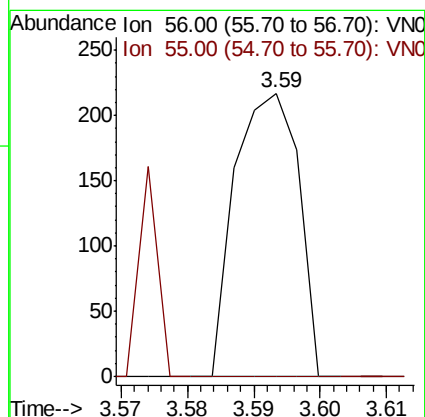
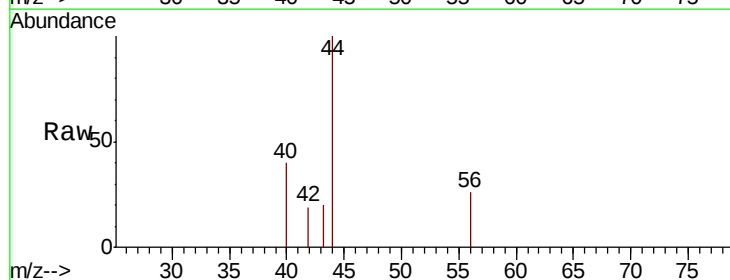
Tgt Ion: 59 Resp: 186
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.9 13.3#

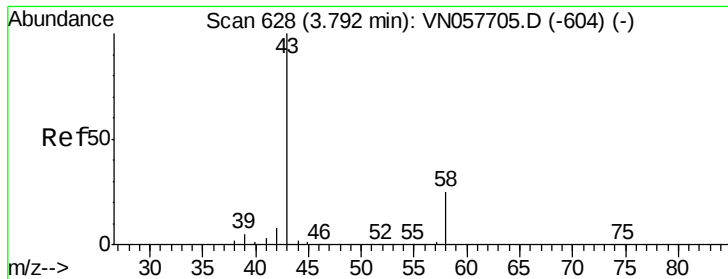


#13

Acrolein
 Concen: 0.583 ug/l
 RT: 3.59 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VN057715.D
 Acq: 6 Sep 2019 16:25

Tgt Ion: 56 Resp: 146
 Ion Ratio Lower Upper
 56 100
 55 21.2 55.4 83.0#

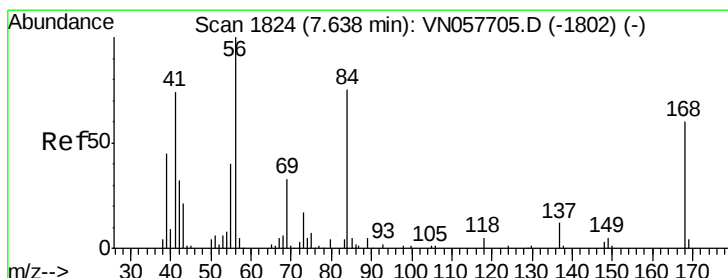
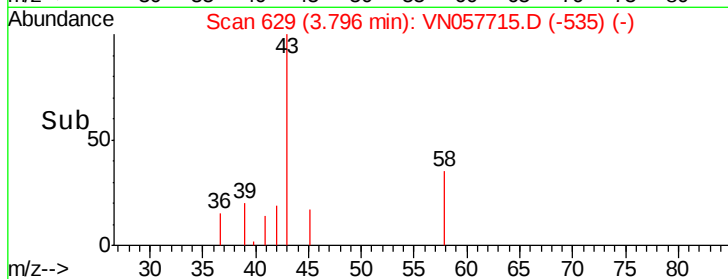
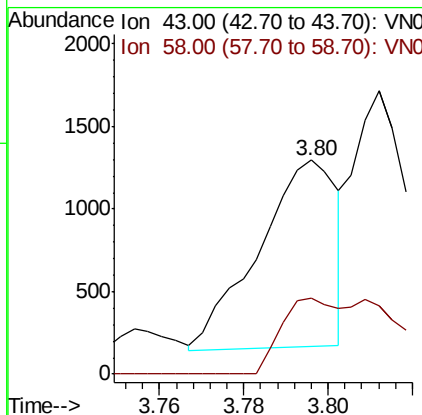
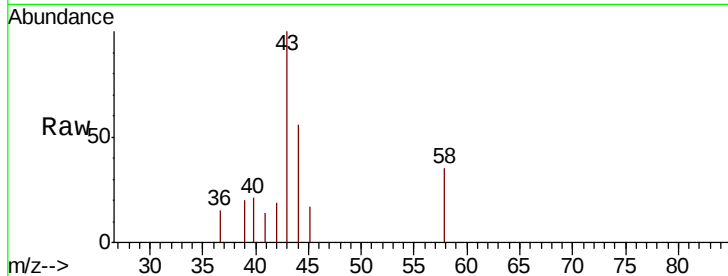




#16
Acetone
Concen: 1.020 ug/l
RT: 3.80 min Scan# 629
Delta R.T. 0.00 min
Lab File: VN057715.D
Acq: 6 Sep 2019 16:25

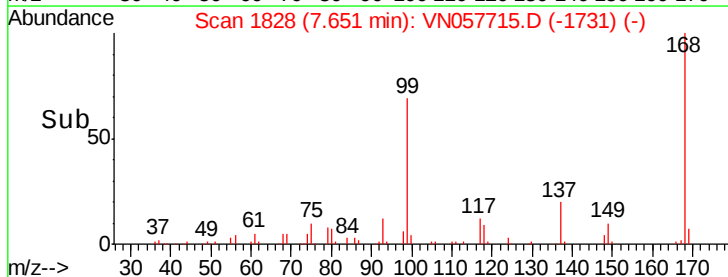
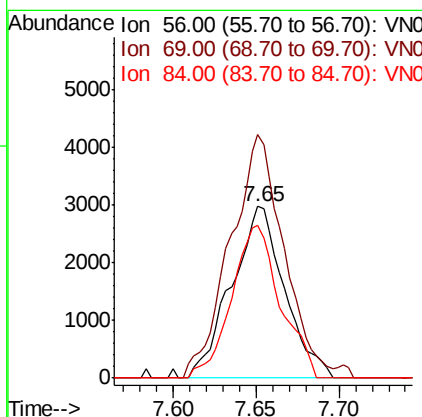
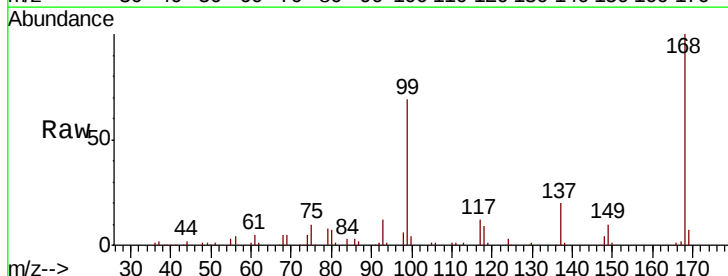
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

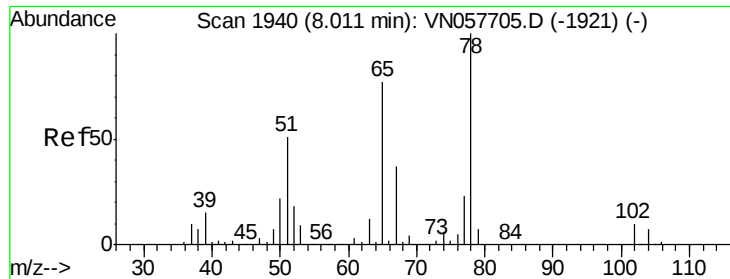
Tgt Ion: 43 Resp: 1455
Ion Ratio Lower Upper
43 100
58 40.8 19.8 29.8#



#31
Cyclohexane
Concen: 1.265 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.01 min
Lab File: VN057715.D
Acq: 6 Sep 2019 16:25

Tgt Ion: 56 Resp: 6581
Ion Ratio Lower Upper
56 100
69 135.5 26.2 39.2#
84 88.8 59.8 89.8

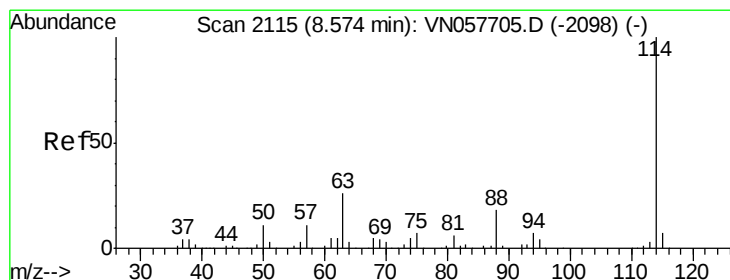
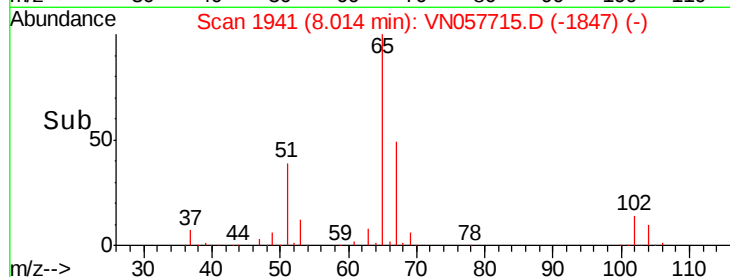
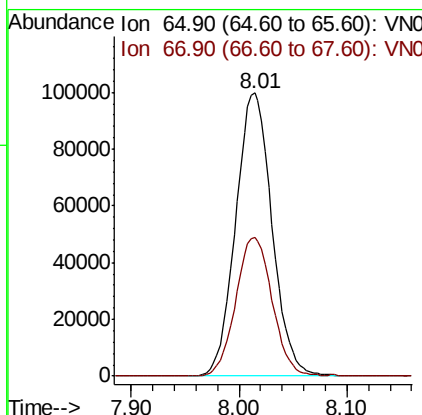
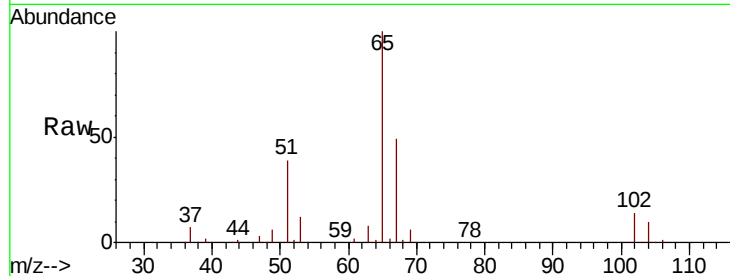




#33
 1,2-Dichloroethane-d4
 Concen: 50.521 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057715.D
 Acq: 6 Sep 2019 16:25

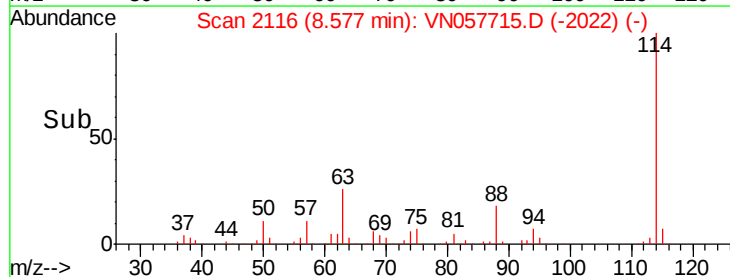
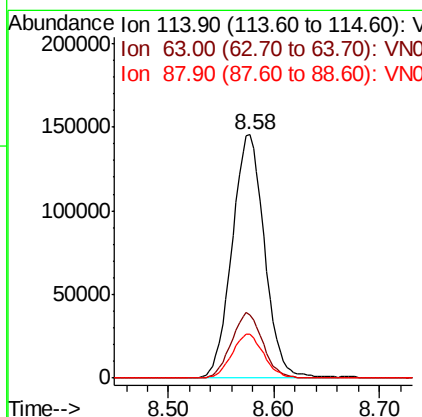
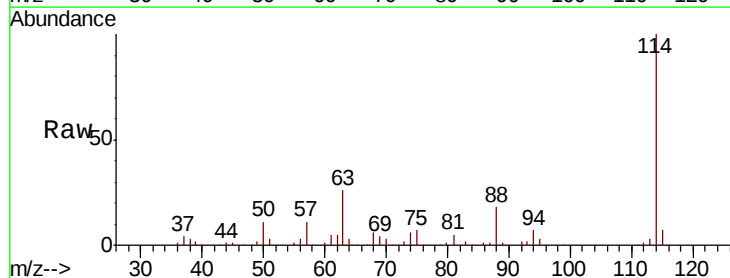
Instrument :
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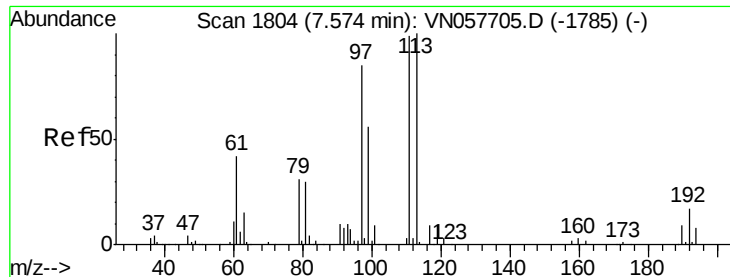
Tgt Ion: 65 Resp: 234117
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 98.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057715.D
 Acq: 6 Sep 2019 16:25

Tgt Ion: 114 Resp: 310231
 Ion Ratio Lower Upper
 114 100
 63 26.0 0.0 52.4
 88 17.8 0.0 35.4

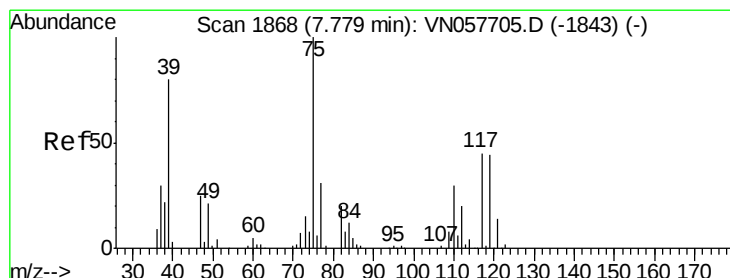
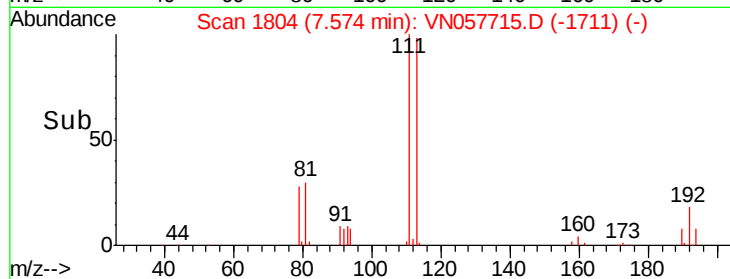
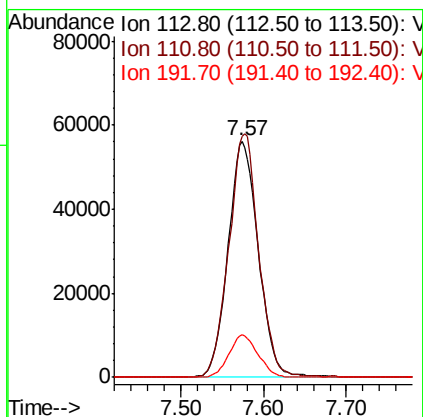
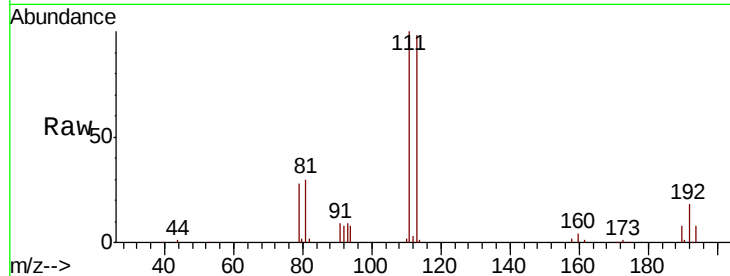




#35
 Dibromofluoromethane
 Concen: 50.447 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN057715.D
 Acq: 6 Sep 2019 16:25

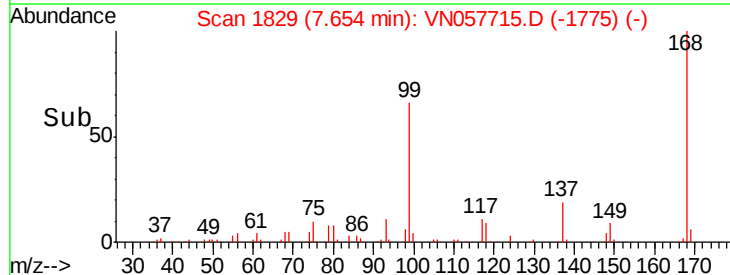
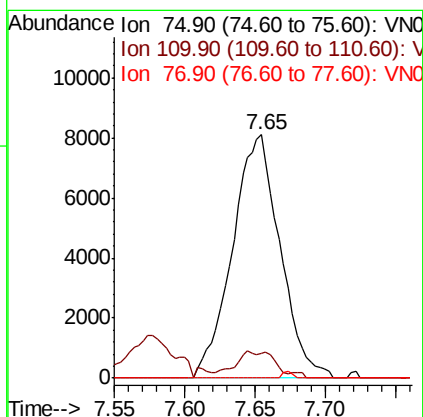
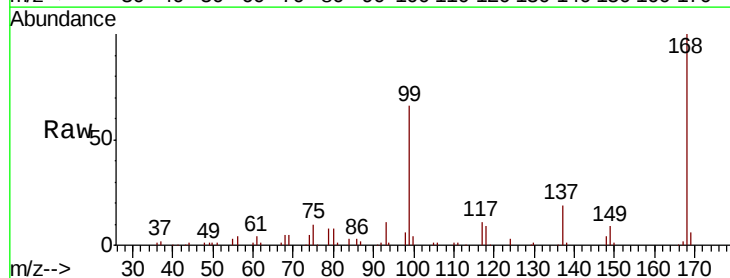
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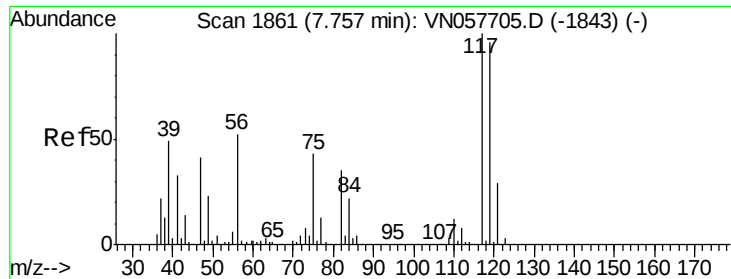
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.7	124.1
192	17.3	13.8	20.6



#36
 1,1-Dichloropropene
 Concen: 4.633 ug/l
 RT: 7.65 min Scan# 1829
 Delta R.T. -0.13 min
 Lab File: VN057715.D
 Acq: 6 Sep 2019 16:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	3.3	15.0	45.0#
77	0.0	24.6	37.0#





#38

Carbon Tetrachloride

Concen: 5.651 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN057715.D

Acq: 6 Sep 2019 16:25

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

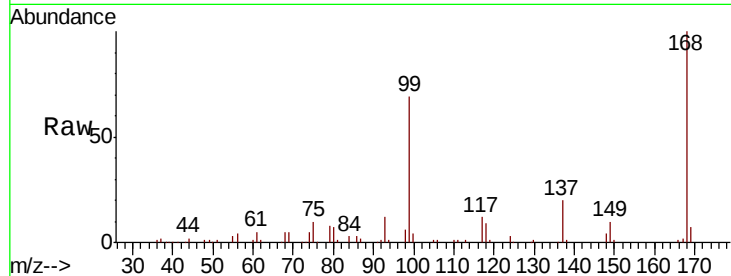
Tgt Ion:117 Resp: 22330

Ion Ratio Lower Upper

117 100

119 5.5 76.1 114.1#

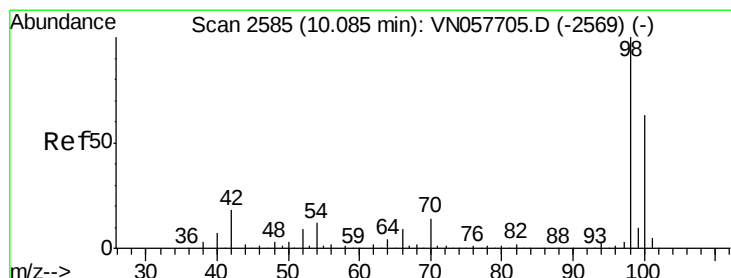
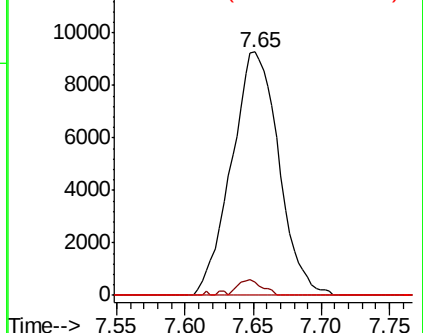
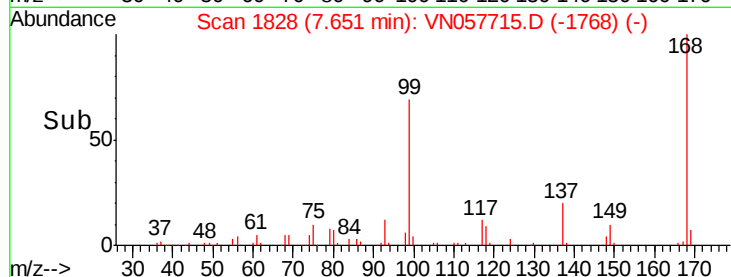
121 0.0 23.4 35.2#



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



#50

Toluene-d8

Concen: 51.595 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057715.D

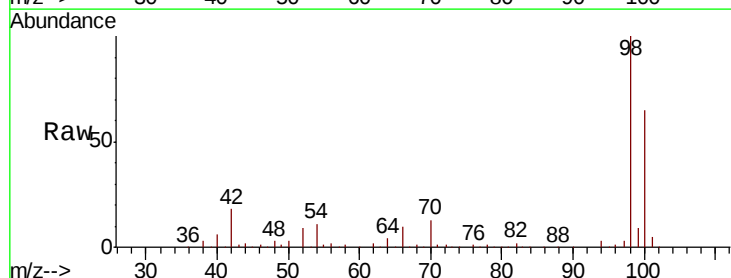
Acq: 6 Sep 2019 16:25

Tgt Ion: 98 Resp: 539327

Ion Ratio Lower Upper

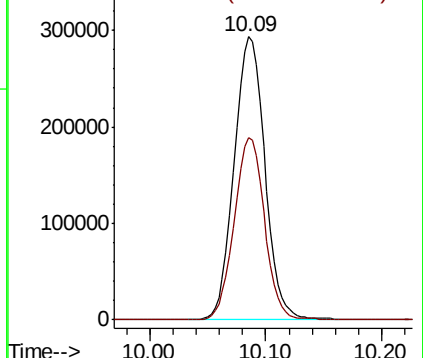
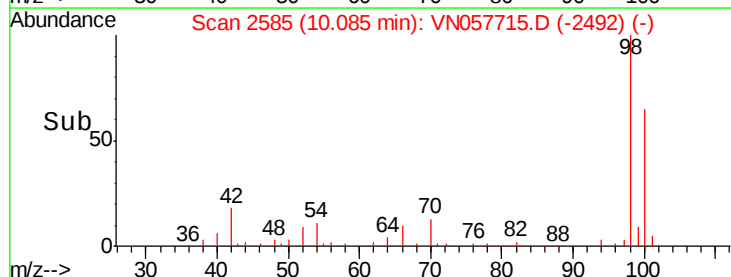
98 100

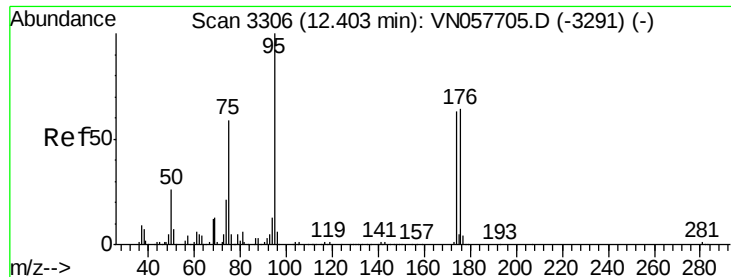
100 63.6 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 45.502 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057715.D

Acq: 6 Sep 2019 16:25

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

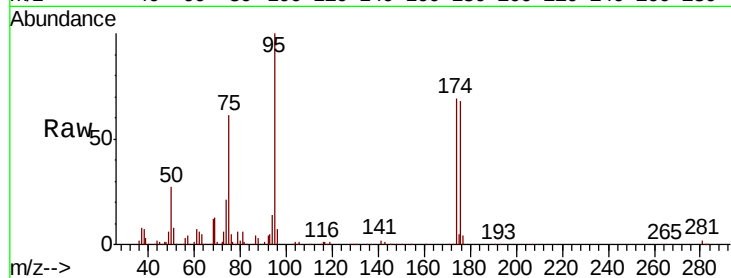
Tgt Ion: 95 Resp: 197557

Ion Ratio Lower Upper

95 100

174 68.1 0.0 128.0

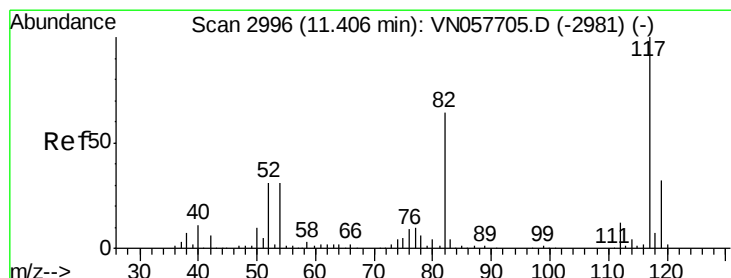
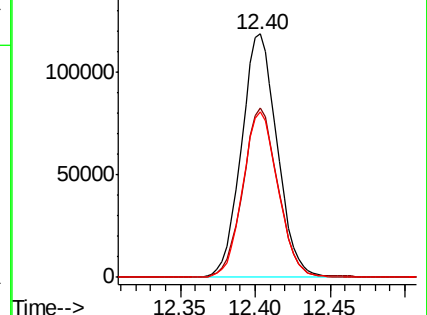
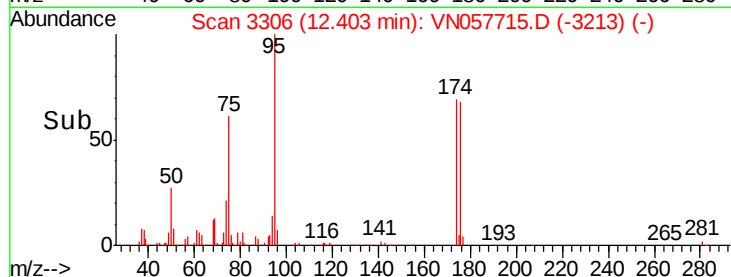
176 66.9 0.0 128.0



Abundance Ion 94.90 (94.60 to 95.60): VN057715.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN057715.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN057715.D (-3213) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057715.D

Acq: 6 Sep 2019 16:25

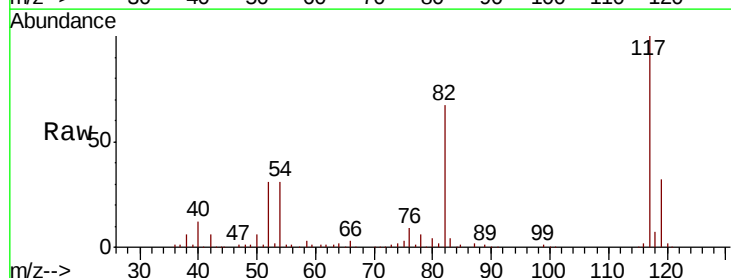
Tgt Ion: 117 Resp: 278349

Ion Ratio Lower Upper

117 100

82 66.6 51.4 77.0

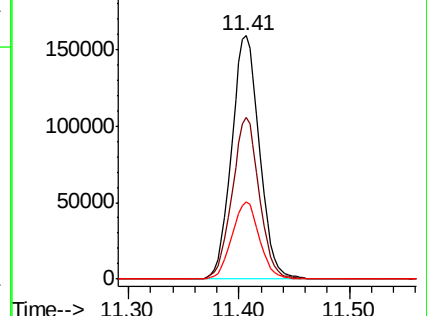
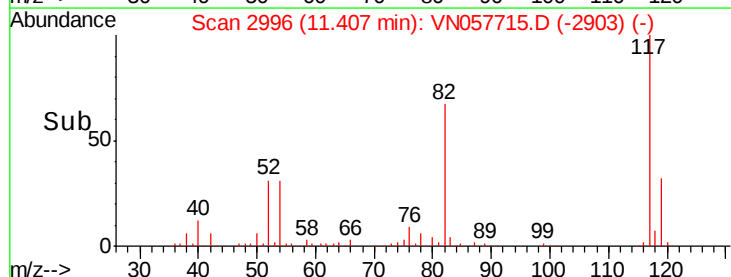
119 31.5 25.4 38.2

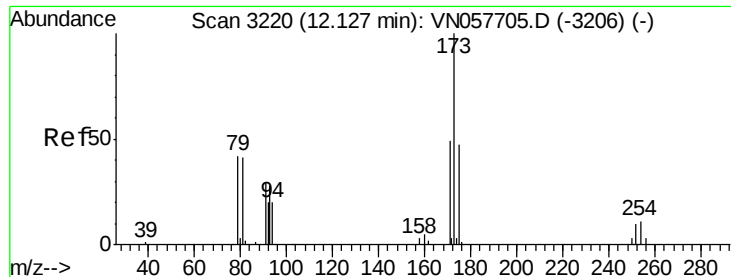


Abundance Ion 116.90 (116.60 to 117.60): VN057715.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN057715.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN057715.D (-2903) (-)

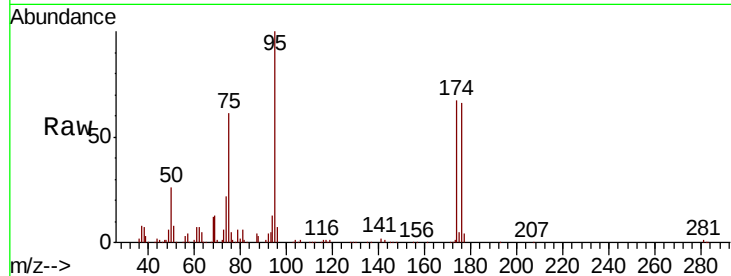




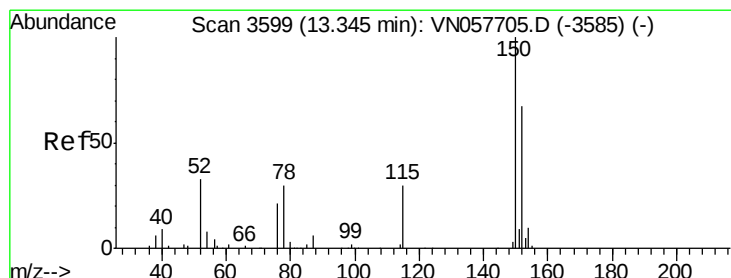
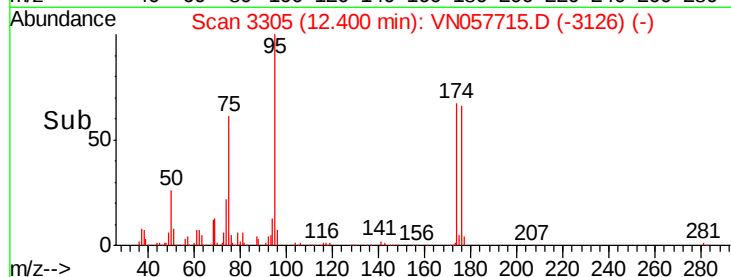
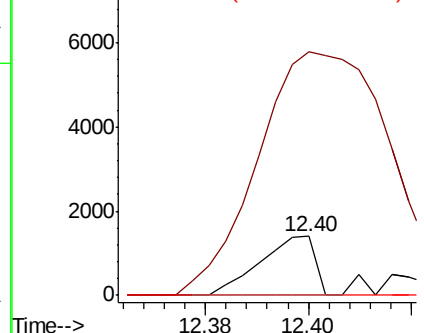
#71
Bromoform
Concen: 3.751 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN057715.D
Acq: 6 Sep 2019 16:25

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion:173 Resp: 1027
Ion Ratio Lower Upper
173 100
175 845.9 24.6 73.8#
254 0.0 0.0 0.0

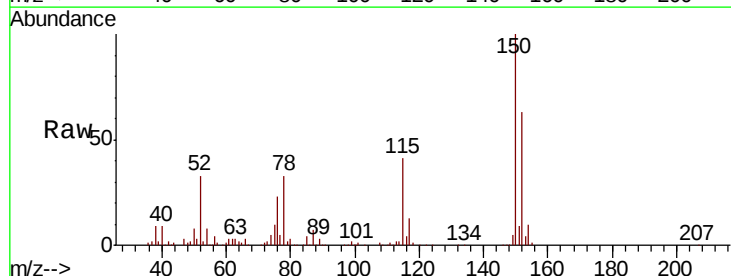


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

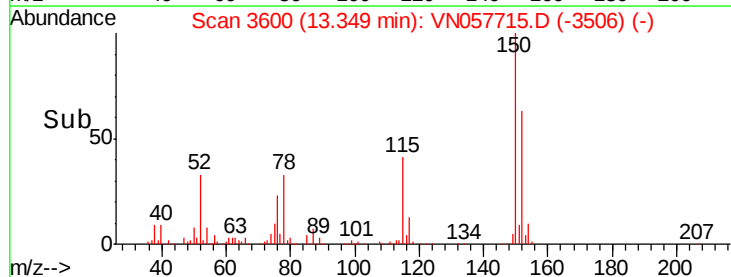
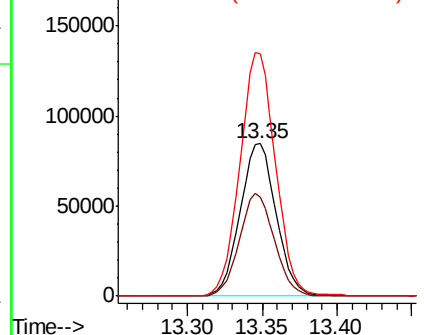


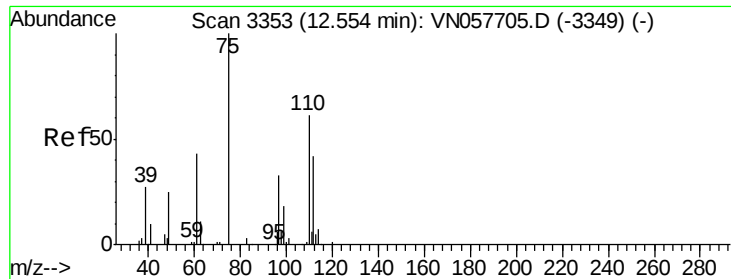
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057715.D
Acq: 6 Sep 2019 16:25

Tgt Ion:152 Resp: 142090
Ion Ratio Lower Upper
152 100
115 65.3 33.8 101.3
150 158.1 0.0 345.4



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: 36.906 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057715.D

Acq: 6 Sep 2019 16:25

Instrument :

MSVOA_N

ClientSampleId :

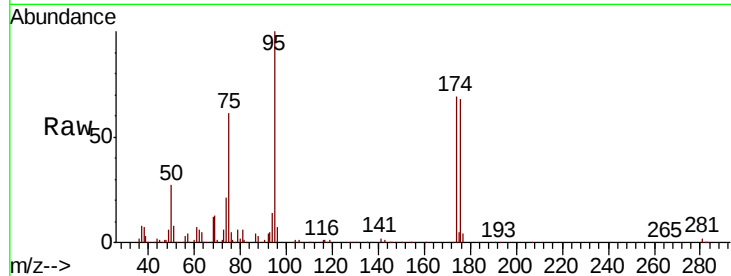
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion: 75 Resp: 120420

Ion Ratio Lower Upper

75 100

77 0.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

80000

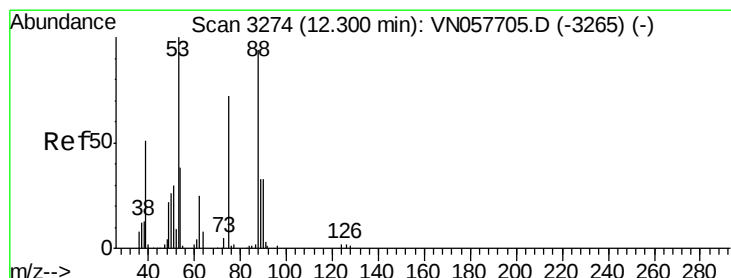
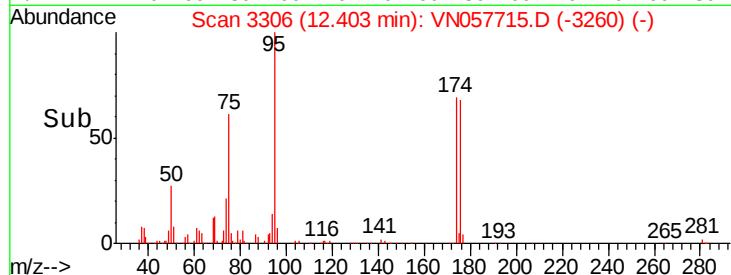
60000

40000

20000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 114.777 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN057715.D

Acq: 6 Sep 2019 16:25

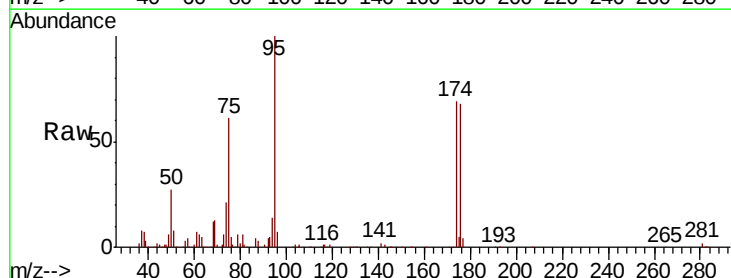
Tgt Ion: 75 Resp: 120420

Ion Ratio Lower Upper

75 100

53 0.0 107.0 160.6#

89 0.0 36.5 54.7#



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

100000

80000

60000

40000

20000

0

Time-->

