

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093019\
 Data File : VN058435.D
 Acq On : 30 Sep 2019 15:11
 Operator : JC/SP
 Sample : K5080-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW131I-20190924

Quant Time: Oct 01 01:32:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	433776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	702443	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	590577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	226632	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	311430	49.13	ug/l	0.00
Spiked Amount						
			Recovery	=	98.26%	
35) Dibromofluoromethane	7.58	113	216421	50.27	ug/l	0.00
Spiked Amount						
			Recovery	=	100.54%	
50) Toluene-d8	10.09	98	871584	51.68	ug/l	0.00
Spiked Amount						
			Recovery	=	103.36%	
62) 4-Bromofluorobenzene	12.41	95	272109	44.62	ug/l	0.00
Spiked Amount						
			Recovery	=	89.24%	

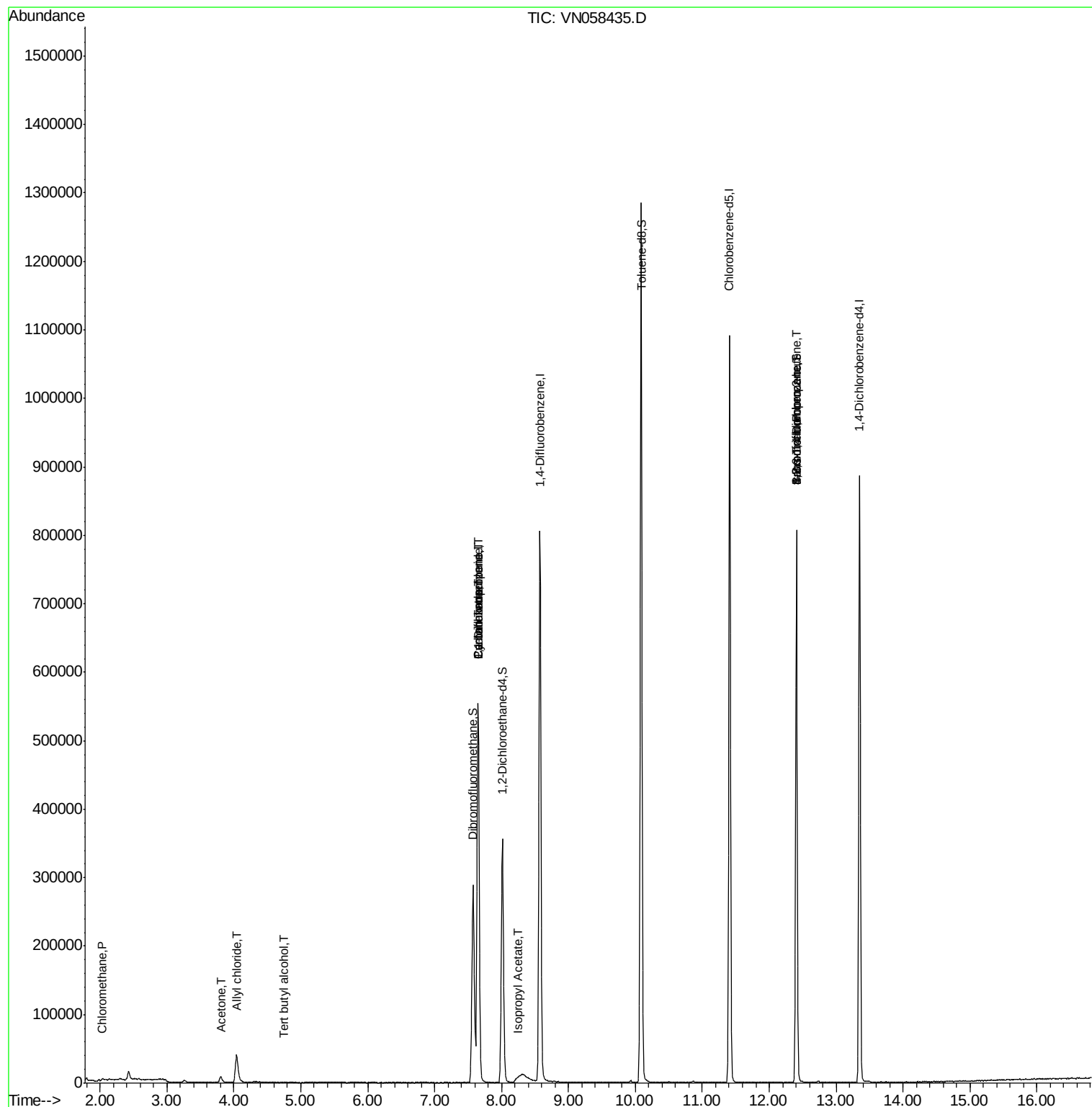
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1889	0.361	ug/l	94
11) Tert butyl alcohol	4.75	59	250	0.355	ug/l #	71
14) Allyl chloride	4.04	41	5335	0.716	ug/l #	59
16) Acetone	3.80	43	15002	6.943	ug/l	99
31) Cyclohexane	7.64	56	10430	1.189	ug/l #	12
36) 1,1-Dichloropropene	7.65	75	36554	5.442	ug/l #	52
38) Carbon Tetrachloride	7.65	117	44782	7.386	ug/l #	16
43) Isopropyl Acetate	8.24	43	6001	0.560	ug/l #	63
71) Bromoform	12.41	173	1839	1.358	ug/l #	1
76) 1,2,3-Trichloropropane	12.41	75	151218	36.531	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	151218	110.949	ug/l #	7

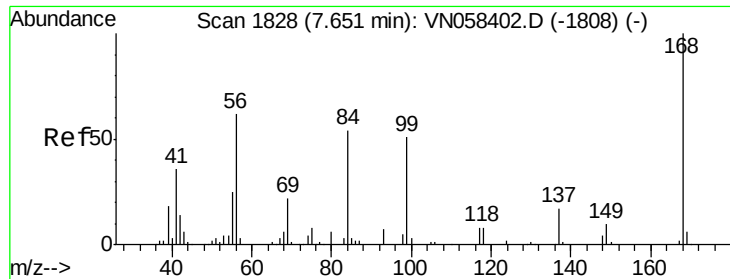
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058435.D

Acq: 30 Sep 2019 15:11

Instrument :

MSVOA_N

ClientSampleId :

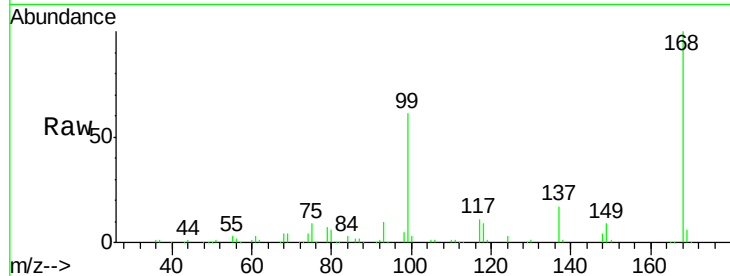
SA-MW131I-20190924

Tot Ion:168 Resp: 433776

Ion Ratio Lower Upper

168 100

99 60.5 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

200000

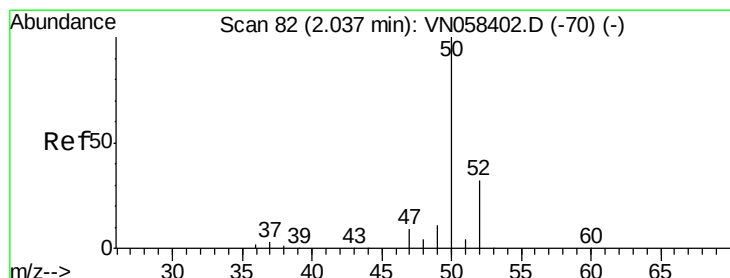
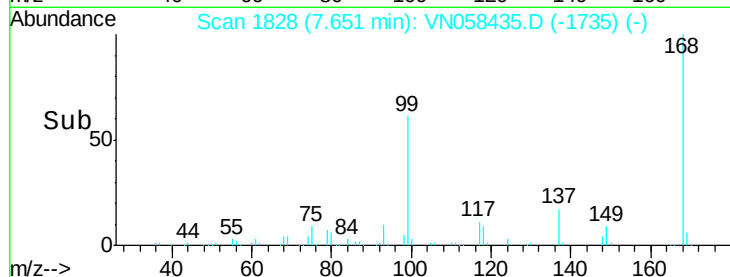
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.361 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN058435.D

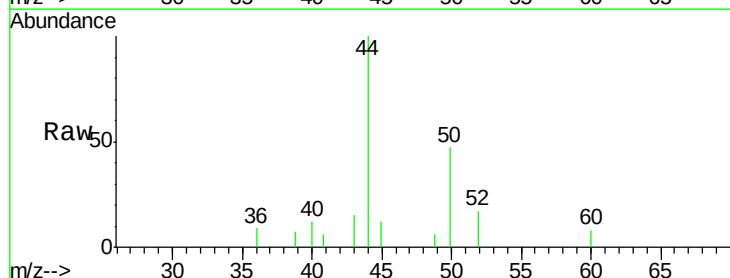
Acq: 30 Sep 2019 15:11

Tgt Ion: 50 Resp: 1889

Ion Ratio Lower Upper

50 100

52 35.9 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.04

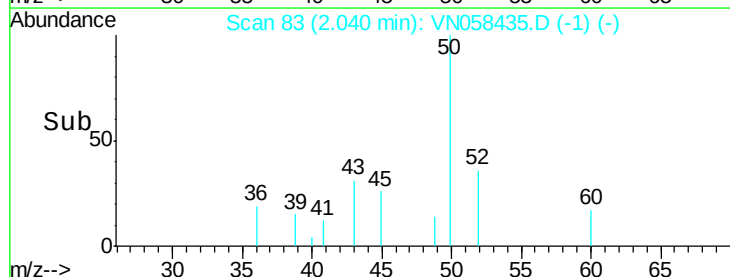
1500

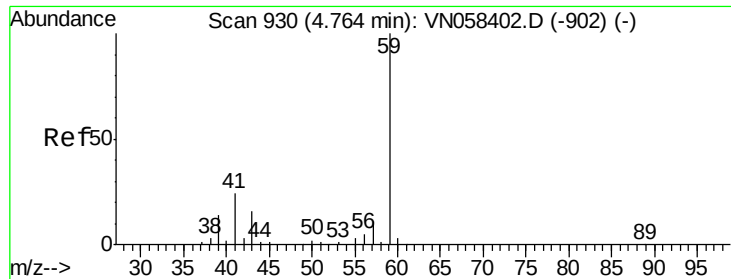
1000

500

0

Time-->



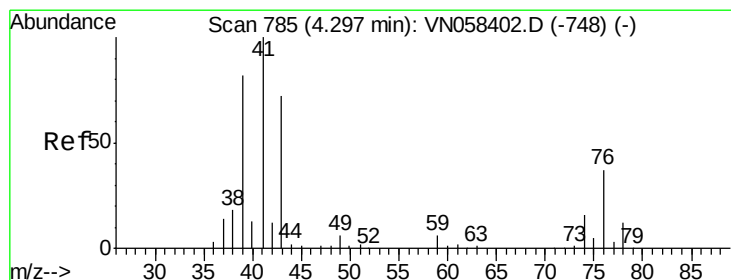
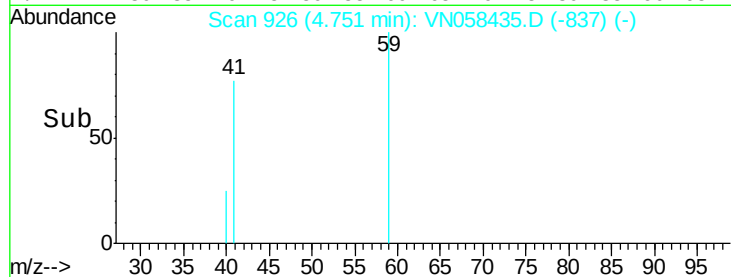
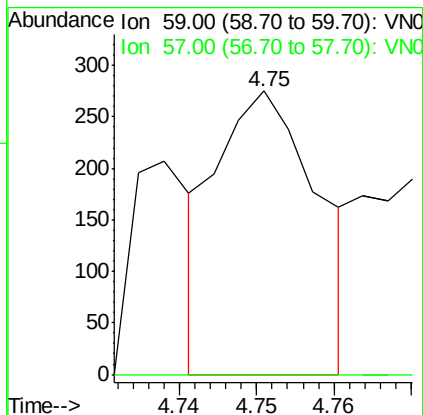
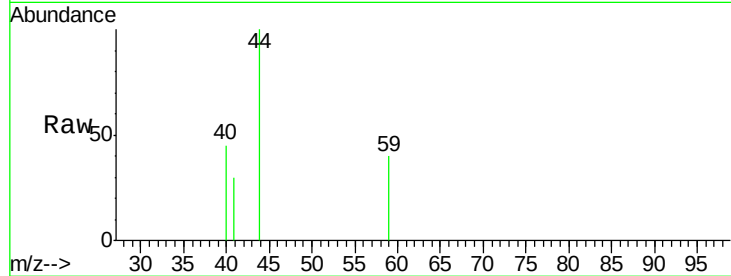


#11

Tert butyl alcohol
Concen: 0.355 ug/l
RT: 4.75 min Scan# 926
Delta R.T. -0.01 min
Lab File: VN058435.D
Acq: 30 Sep 2019 15:11

Instrument :
MSVOA_N
ClientSampleId :
SA-MW131I-20190924

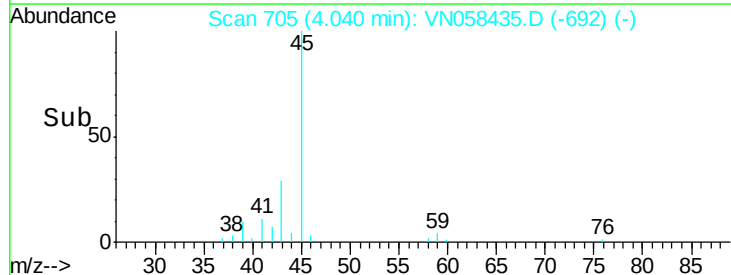
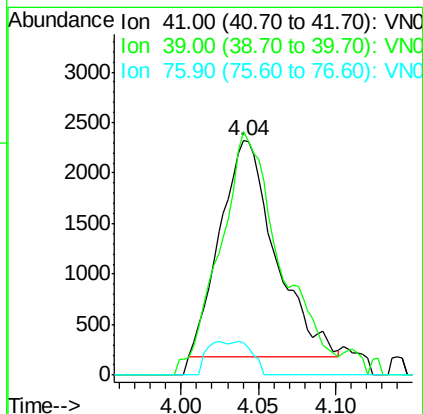
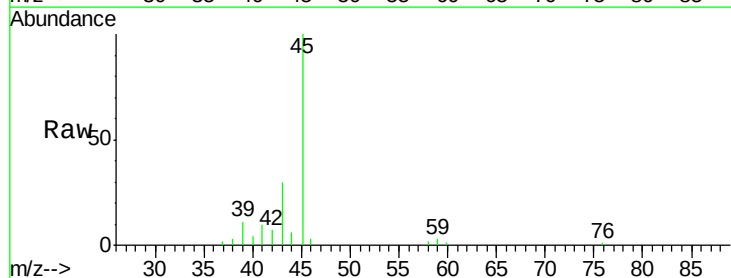
Tot Ion: 59 Resp: 250
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#

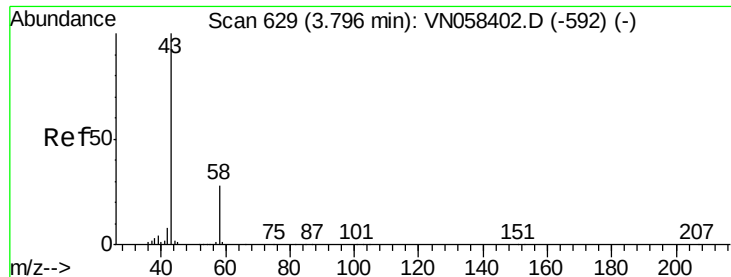


#14

Allyl chloride
Concen: 0.716 ug/l
RT: 4.04 min Scan# 705
Delta R.T. -0.26 min
Lab File: VN058435.D
Acq: 30 Sep 2019 15:11

Tgt Ion: 41 Resp: 5335
Ion Ratio Lower Upper
41 100
39 110.7 62.3 93.5#
76 6.5 26.9 40.3#

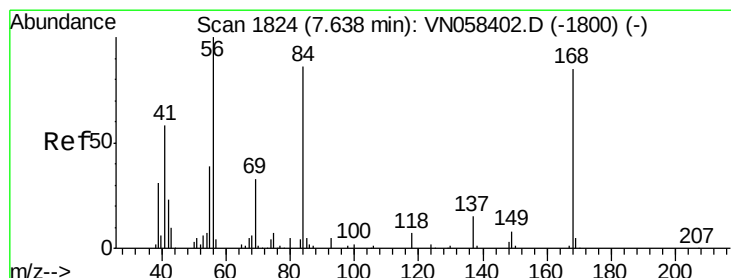
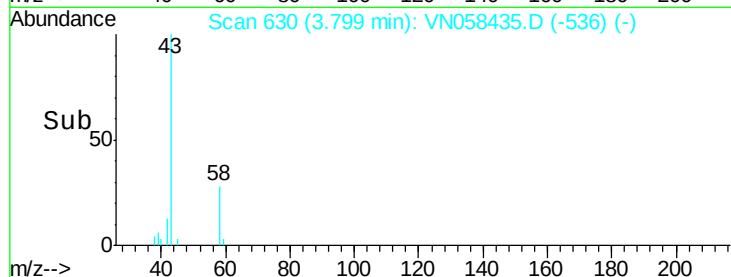
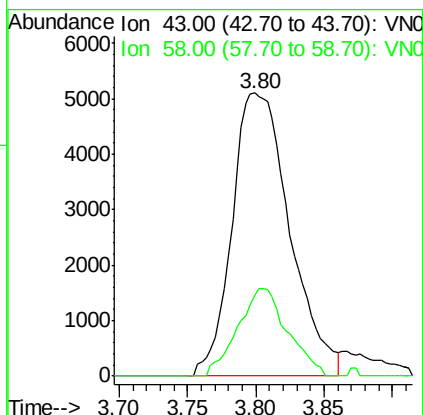
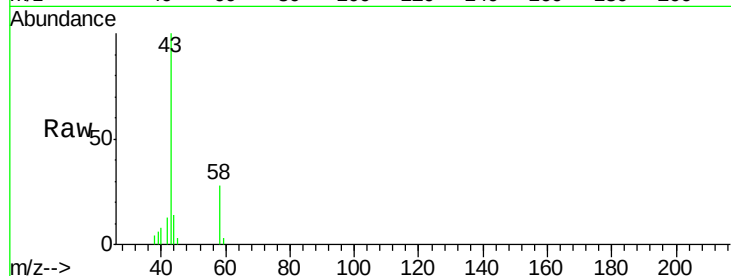




#16
Acetone
Concen: 6.943 ug/l
RT: 3.80 min Scan# 630
Delta R.T. 0.00 min
Lab File: VN058435.D
Acq: 30 Sep 2019 15:11

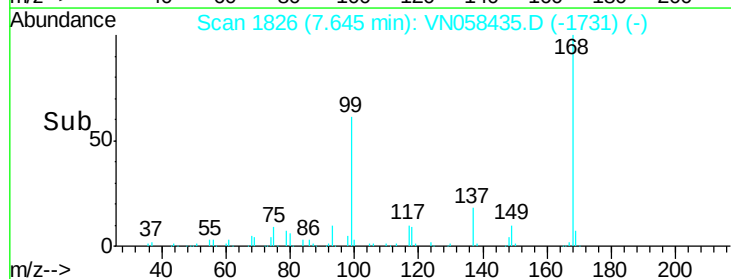
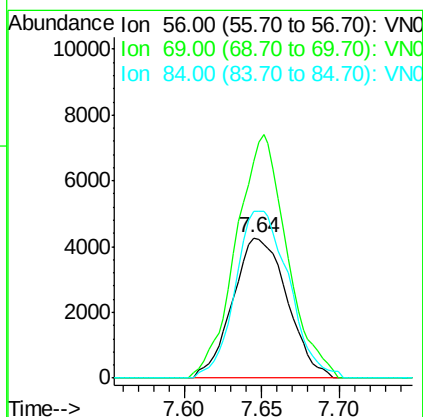
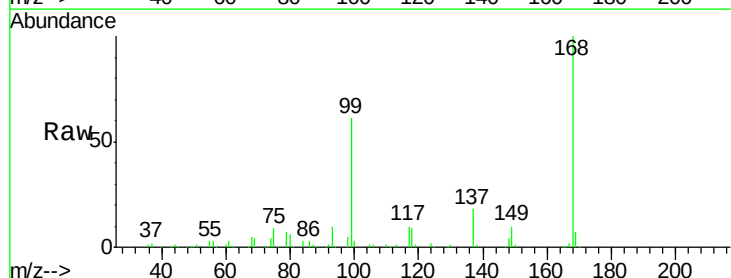
Instrument :
MSVOA_N
ClientSampleId :
SA-MW131I-20190924

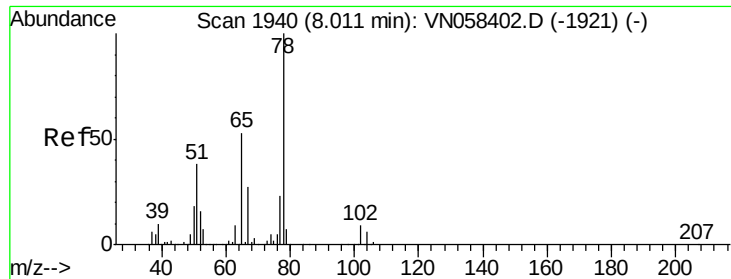
Tot Ion: 43 Resp: 15002
Ion Ratio Lower Upper
43 100
58 28.5 22.4 33.6



#31
Cyclohexane
Concen: 1.189 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN058435.D
Acq: 30 Sep 2019 15:11

Tgt Ion: 56 Resp: 10430
Ion Ratio Lower Upper
56 100
69 154.4 26.2 39.4#
84 119.0 67.6 101.4#

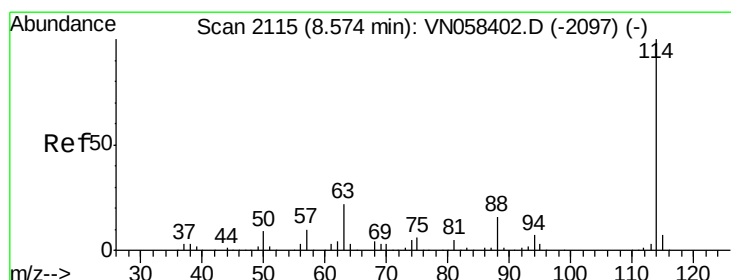
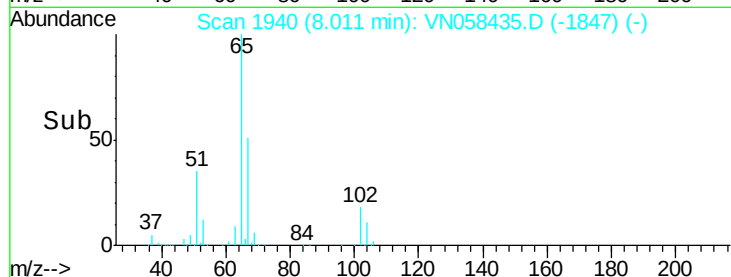
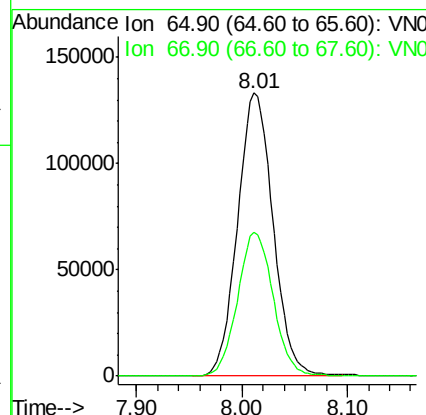
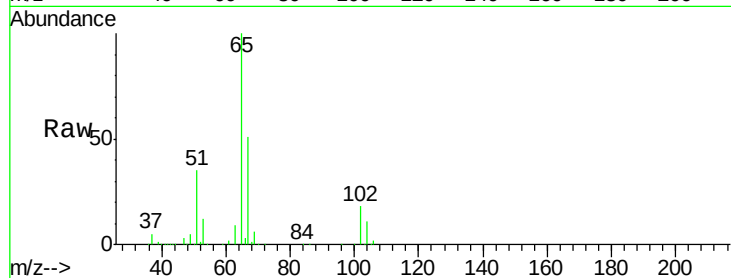




#33
 1,2-Dichloroethane-d4
 Concen: 49.130 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058435.D
 Acq: 30 Sep 2019 15:11

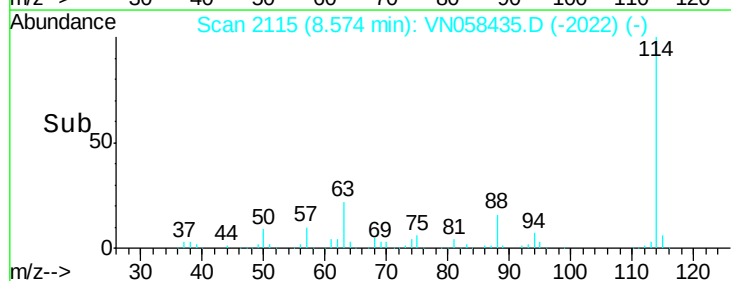
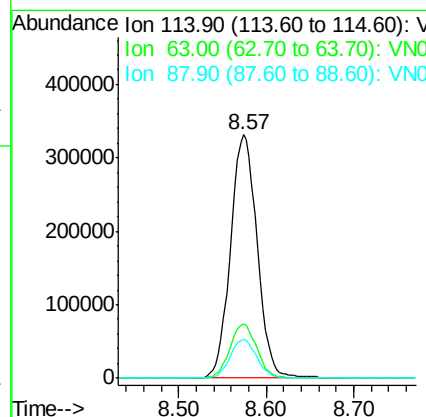
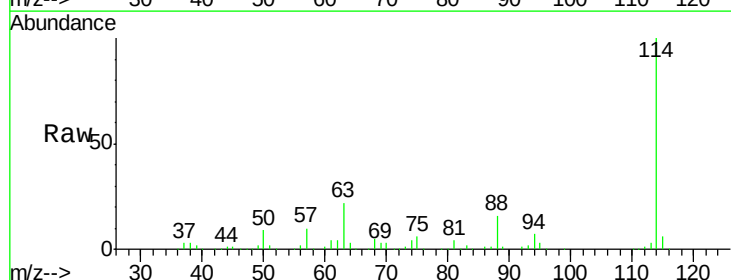
Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW131I-20190924

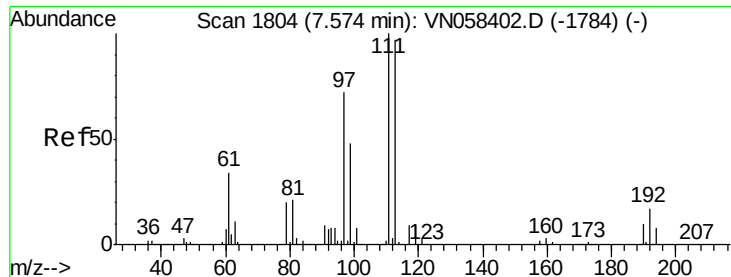
Tot Ion: 65 Resp: 311430
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058435.D
 Acq: 30 Sep 2019 15:11

Tgt Ion: 114 Resp: 702443
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 45.0
 88 15.9 0.0 32.2

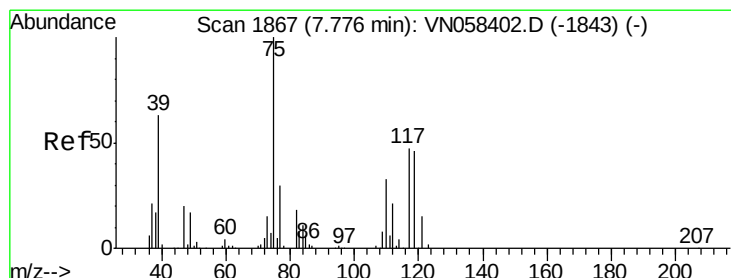
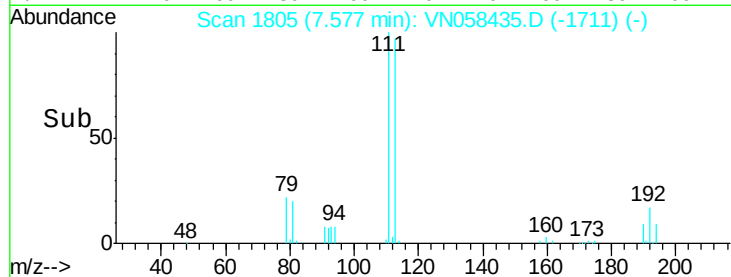
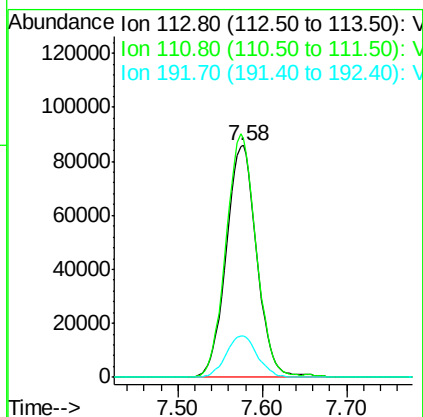
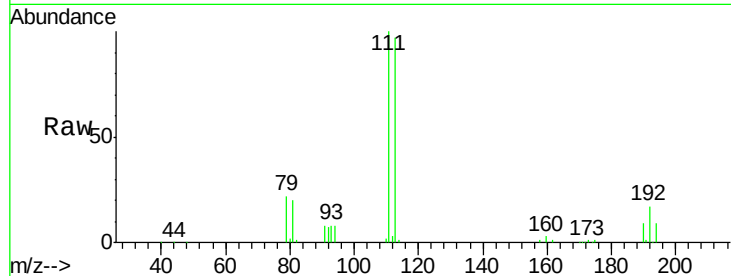




#35
Dibromofluoromethane
Concen: 50.270 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN058435.D
Acq: 30 Sep 2019 15:11

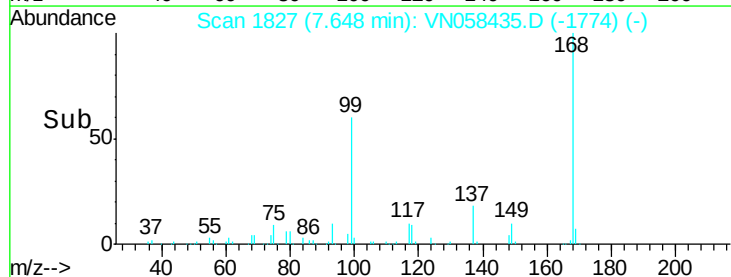
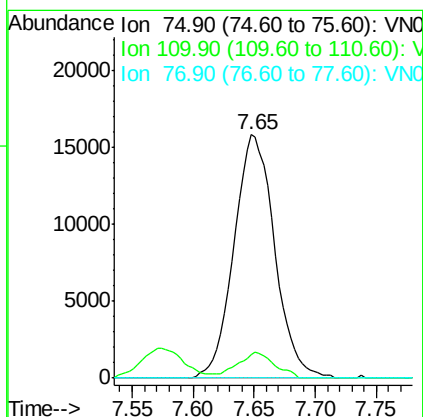
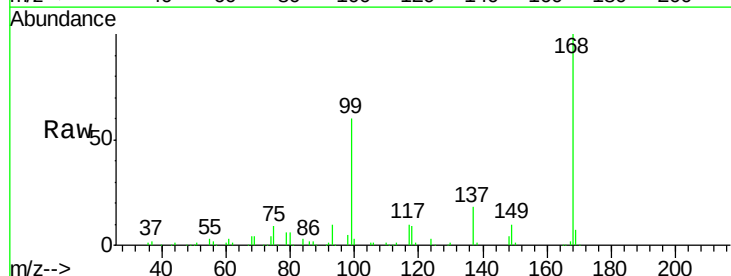
Instrument :
MSVOA_N
ClientSampleId :
SA-MW131I-20190924

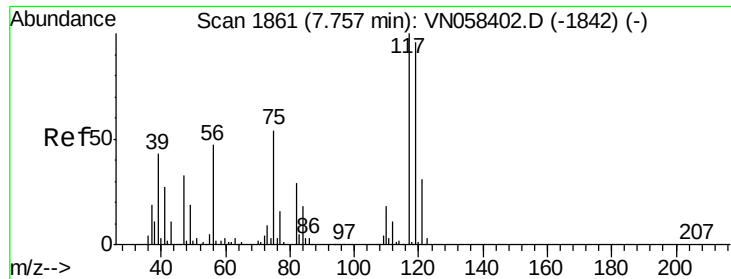
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.4	125.2
192	18.2	14.9	22.3



#36
1,1-Dichloropropene
Concen: 5.442 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.13 min
Lab File: VN058435.D
Acq: 30 Sep 2019 15:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.5	16.4	49.2#
77	0.0	24.3	36.5#

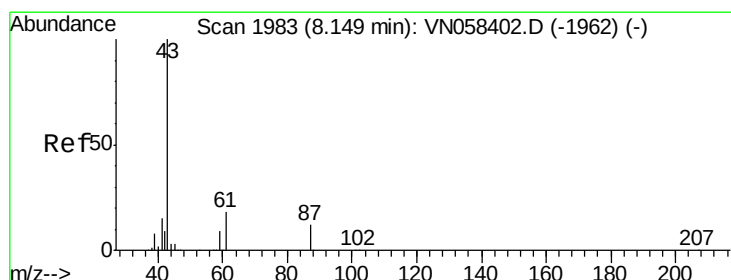
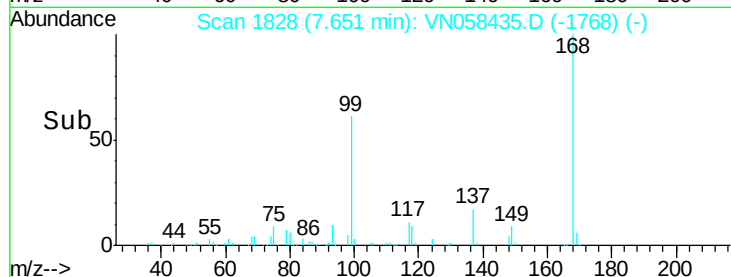
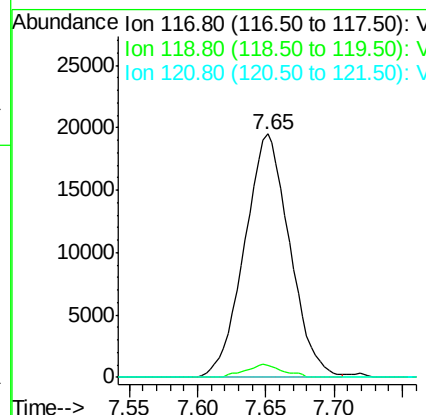
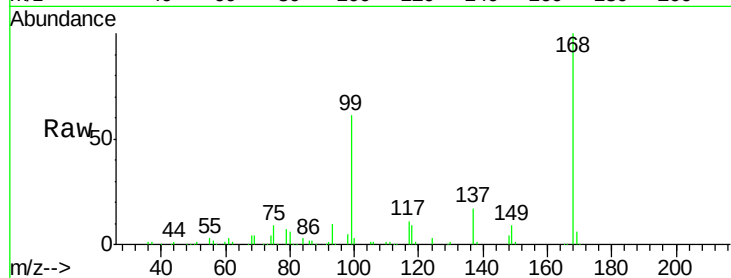




#38
 Carbon Tetrachloride
 Concen: 7.386 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.11 min
 Lab File: VN058435.D
 Acq: 30 Sep 2019 15:11

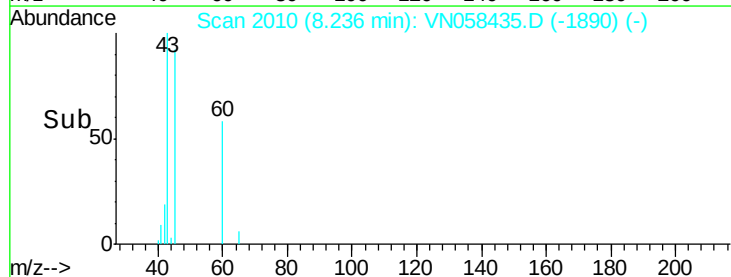
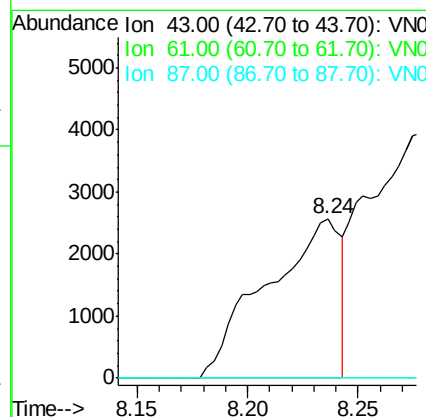
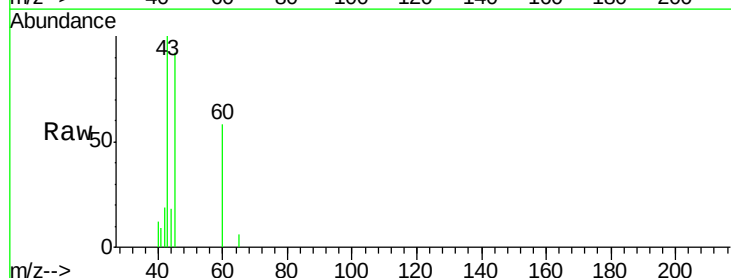
Instrument :
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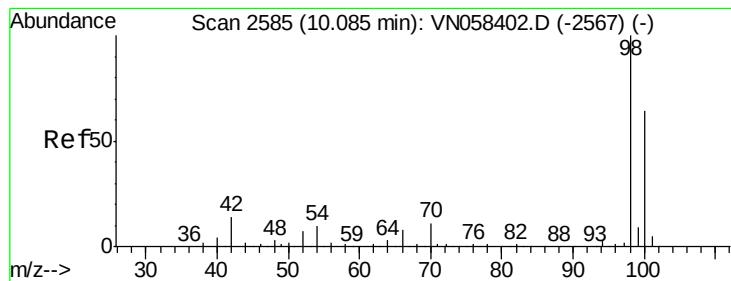
Tot Ion:117 Resp: 44782
 Ion Ratio Lower Upper
 117 100
 119 5.0 76.6 115.0#
 121 0.0 24.7 37.1#



#43
 Isopropyl Acetate
 Concen: 0.560 ug/l
 RT: 8.24 min Scan# 2010
 Delta R.T. 0.09 min
 Lab File: VN058435.D
 Acq: 30 Sep 2019 15:11

Tgt Ion: 43 Resp: 6001
 Ion Ratio Lower Upper
 43 100
 61 0.0 14.8 22.2#
 87 0.0 9.7 14.5#





#50

Toluene-d8

Concen: 51.679 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058435.D

Acq: 30 Sep 2019 15:11

Instrument :

MSVOA_N

ClientSampleId :

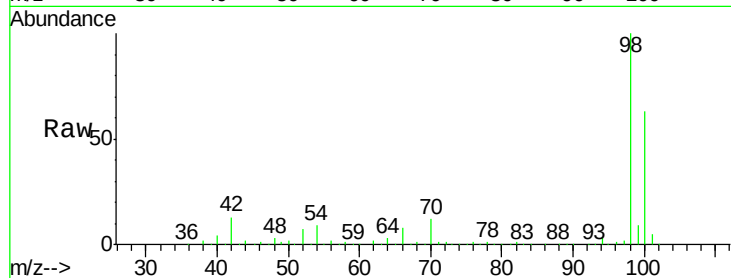
SA-MW131I-20190924

Tot Ion: 98 Resp: 871584

Ion Ratio Lower Upper

98 100

100 63.4 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN058402.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN058402.D (-2567) (-)

10.09

500000

400000

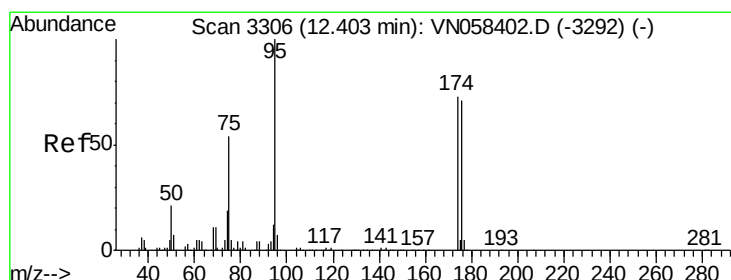
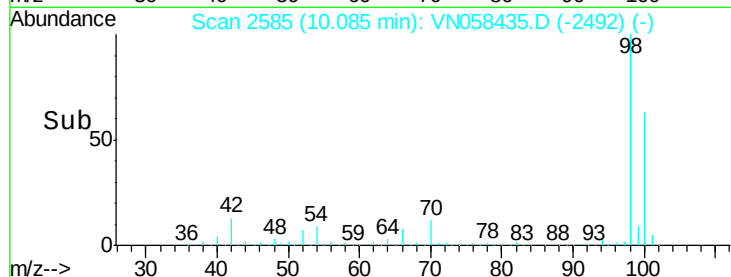
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.621 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058435.D

Acq: 30 Sep 2019 15:11

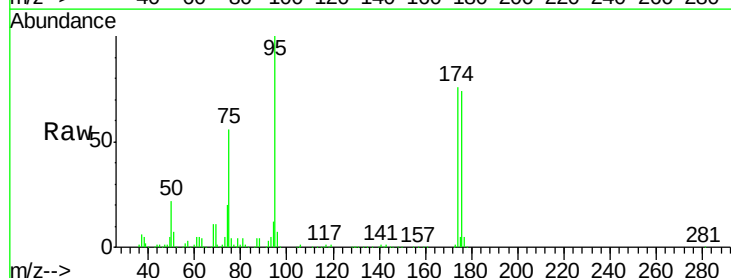
Tgt Ion: 95 Resp: 272109

Ion Ratio Lower Upper

95 100

174 74.7 0.0 150.6

176 72.8 0.0 146.2



Abundance Ion 94.90 (94.60 to 95.60): VN058402.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN058402.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN058402.D (-3292) (-)

12.41

200000

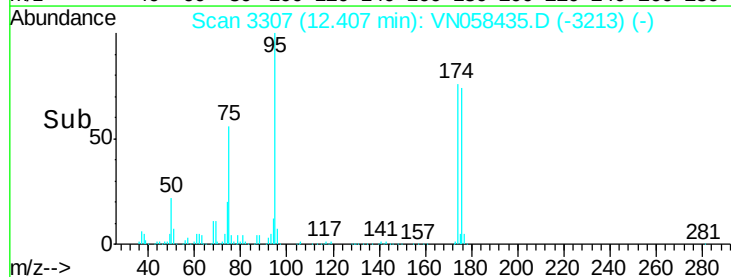
150000

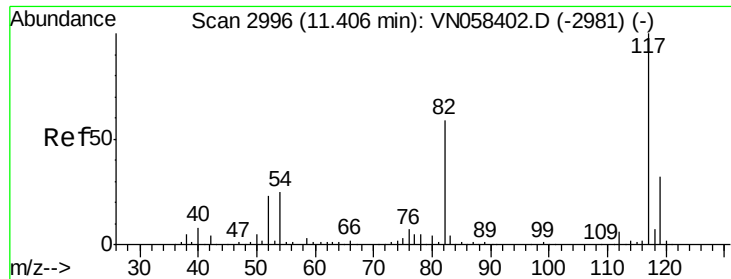
100000

50000

0

Time-->

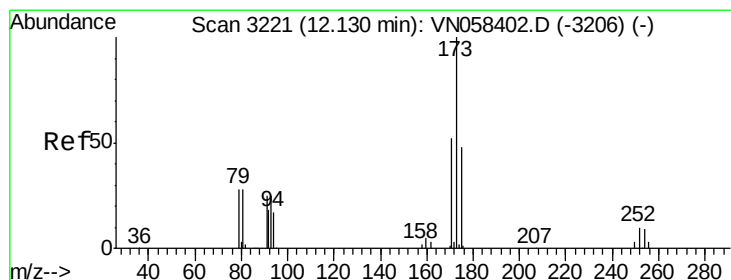
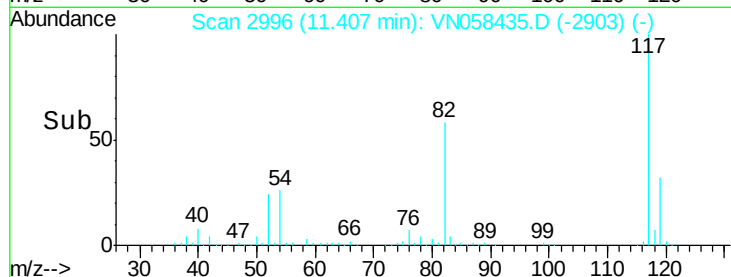
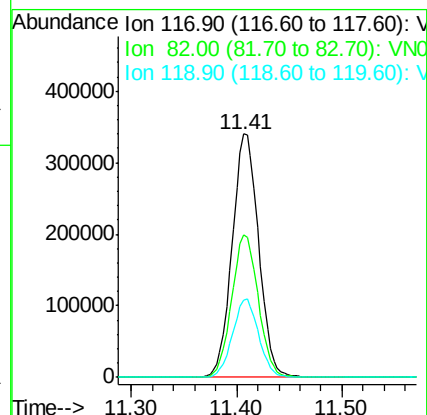
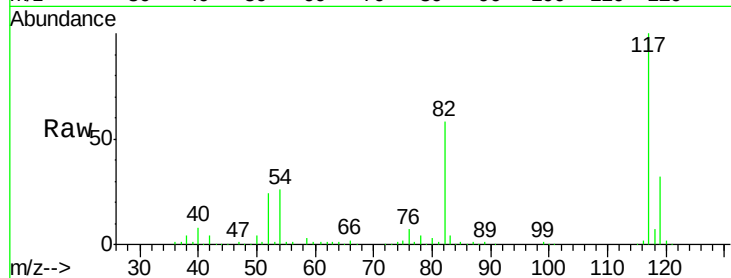




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058435.D
Acq: 30 Sep 2019 15:11

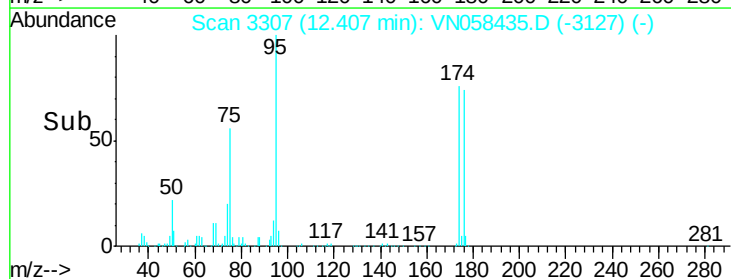
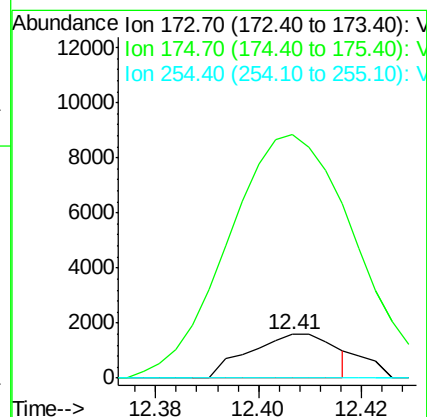
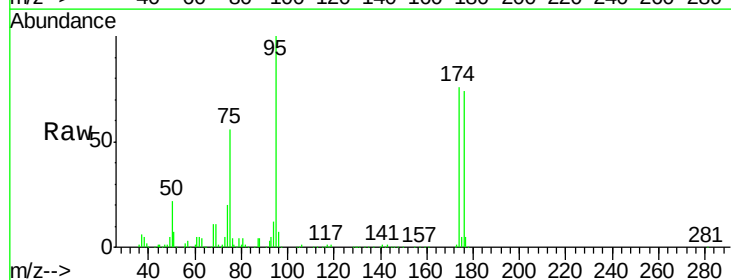
Instrument :
MSVOA_N
ClientSampleId :
SA-MW131I-20190924

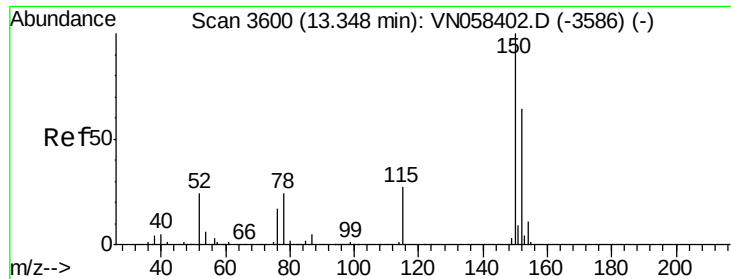
Tot Ion:117 Resp: 590577
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.0
119 32.0 25.5 38.3



#71
Bromoform
Concen: 1.358 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN058435.D
Acq: 30 Sep 2019 15:11

Tgt Ion:173 Resp: 1839
Ion Ratio Lower Upper
173 100
175 689.5 24.3 73.0#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058435.D

Acq: 30 Sep 2019 15:11

Instrument :

MSVOA_N

ClientSampleId :

SA-MW131I-20190924

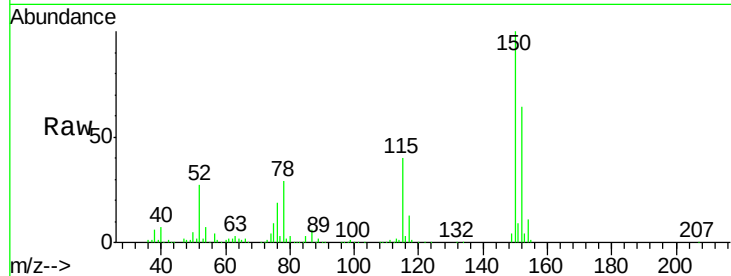
Tot Ion:152 Resp: 226632

Ion Ratio Lower Upper

152 100

115 61.9 30.0 90.0

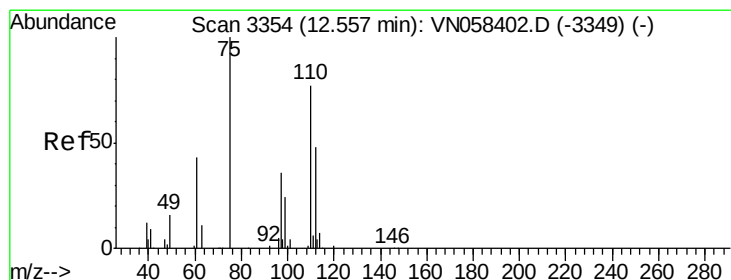
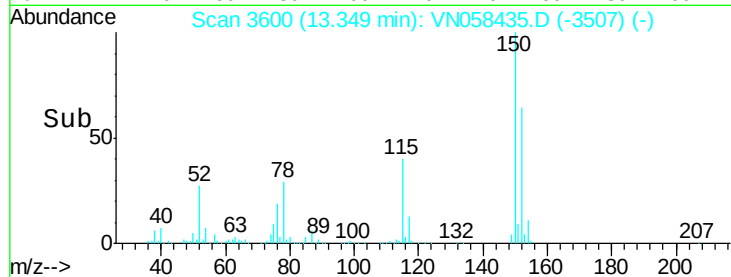
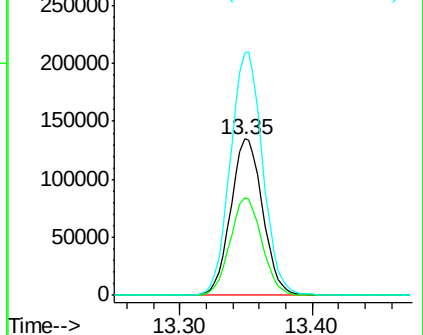
150 157.0 0.0 348.2



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: 36.531 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058435.D

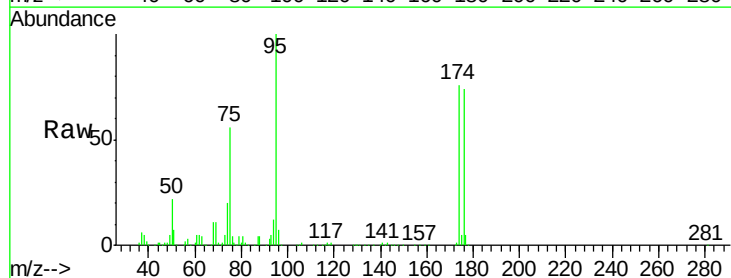
Acq: 30 Sep 2019 15:11

Tgt Ion: 75 Resp: 151218

Ion Ratio Lower Upper

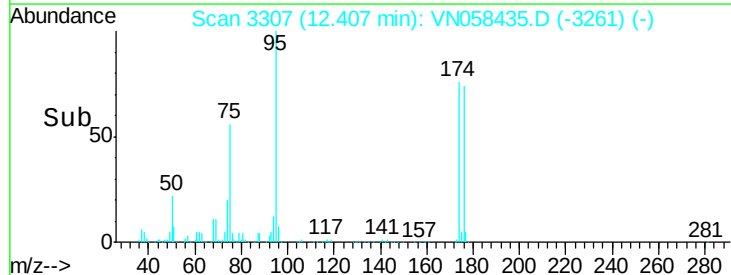
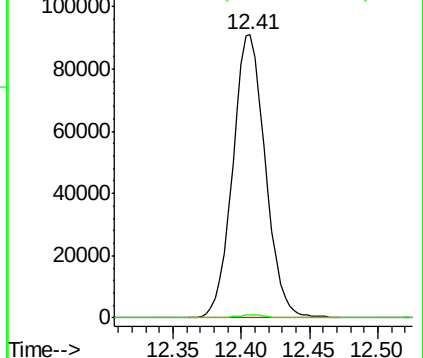
75 100

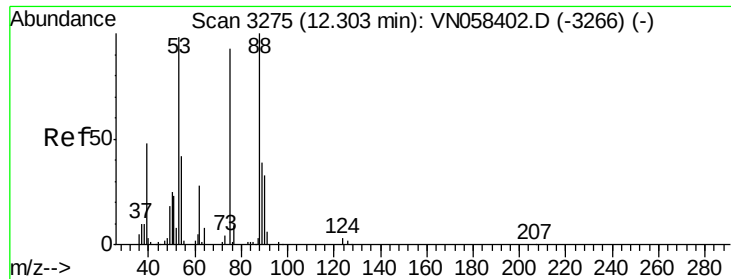
77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 110.949 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058435.D

Acq: 30 Sep 2019 15:11

Instrument :

MSVOA_N

ClientSampleId :

SA-MW131I-20190924

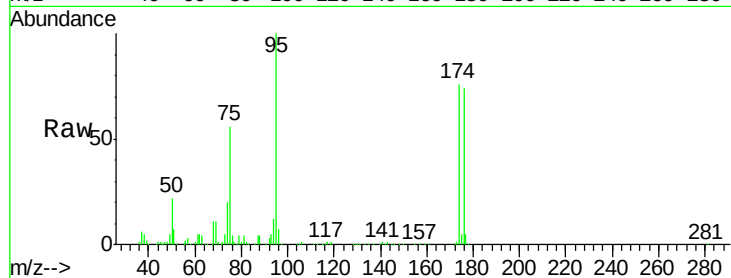
Tot Ion: 75 Resp: 151218

Ion Ratio Lower Upper

75 100

53 0.0 85.4 128.0#

89 0.0 35.0 52.4#



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

