

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100119\
 Data File : VN058455.D
 Acq On : 1 Oct 2019 11:28
 Operator : JC/SP
 Sample : K5107-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-9-30-19

Quant Time: Oct 02 01:25:43 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	408779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	669703	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	574614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	220444	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	298425	49.96	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.92%	
35) Dibromofluoromethane	7.57	113	210977	51.40	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.80%	
50) Toluene-d8	10.09	98	838395	52.14	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.28%	
62) 4-Bromofluorobenzene	12.41	95	260788	44.86	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.72%	

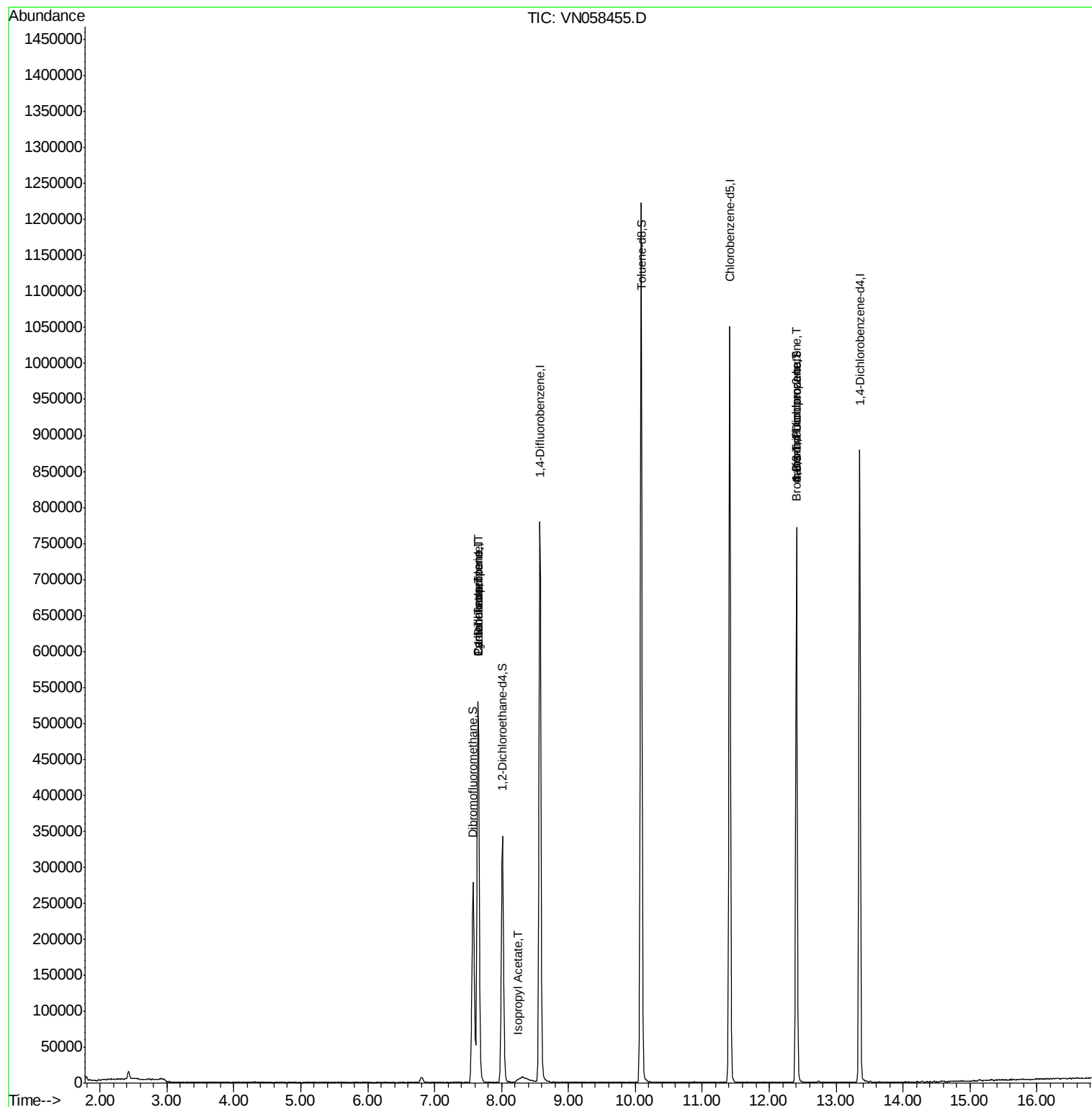
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	7.64	56	10228	1.237	ug/l #	15
36) 1,1-Dichloropropene	7.65	75	35153	5.490	ug/l #	52
38) Carbon Tetrachloride	7.65	117	41989	7.264	ug/l #	16
43) Isopropyl Acetate	8.24	43	2888	0.283	ug/l #	63
71) Bromoform	12.39	173	106	0.734	ug/l #	29
76) 1,2,3-Trichloropropane	12.41	75	145275	36.080	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	145275	109.581	ug/l #	7
96) 1,2,3-Trichlorobenzene	15.30	180	87	Below Cal	#	12

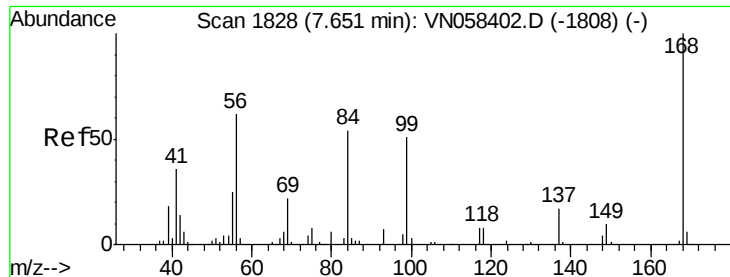
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100119\
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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: VN058455.D

Acq: 1 Oct 2019 11:28

Instrument :

MSVOA_N

ClientSampleId :

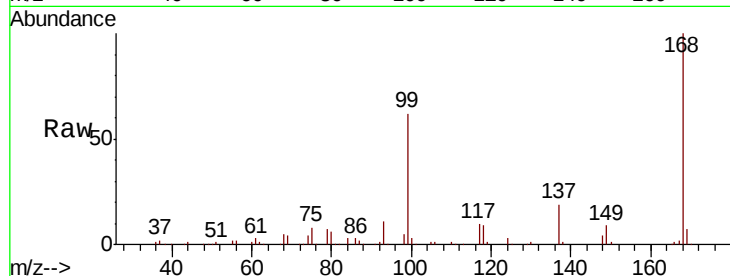
TB-9-30-19

Tot Ion:168 Resp: 408779

Ion Ratio Lower Upper

168 100

99 62.3 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

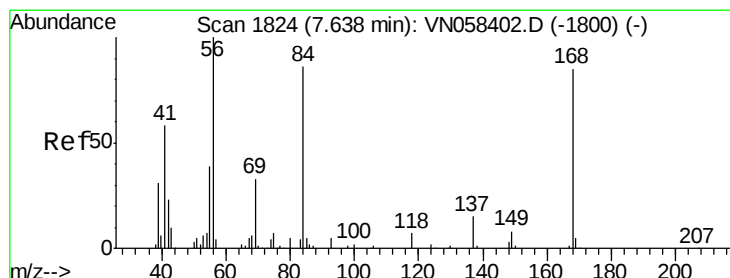
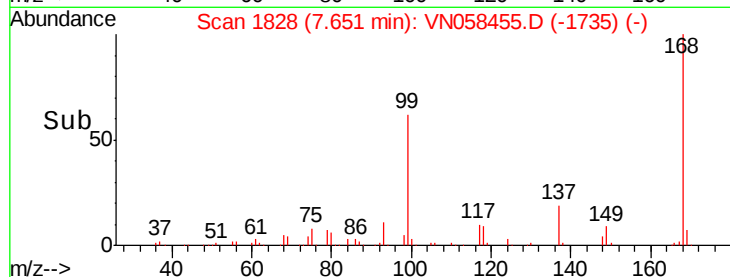
150000

100000

50000

0

Time-->



#31

Cyclohexane

Concen: 1.237 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VN058455.D

Acq: 1 Oct 2019 11:28

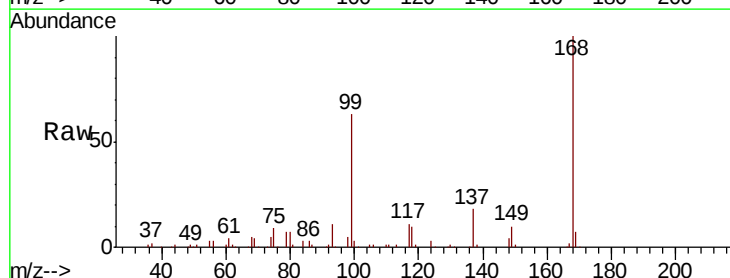
Tgt Ion: 56 Resp: 10228

Ion Ratio Lower Upper

56 100

69 161.8 26.2 39.4#

84 111.3 67.6 101.4#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 69.00 (68.70 to 69.70): VN

Ion 84.00 (83.70 to 84.70): VN

10000

8000

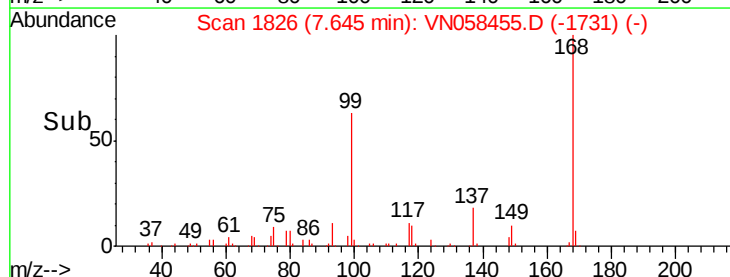
6000

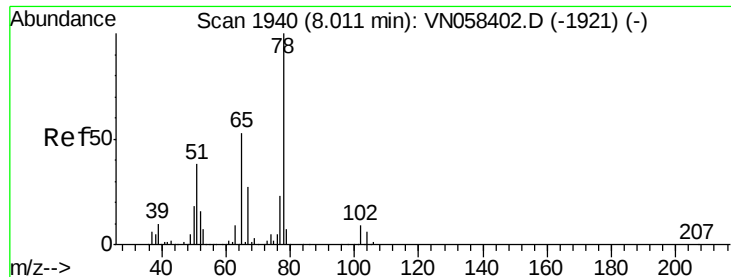
4000

2000

0

Time-->

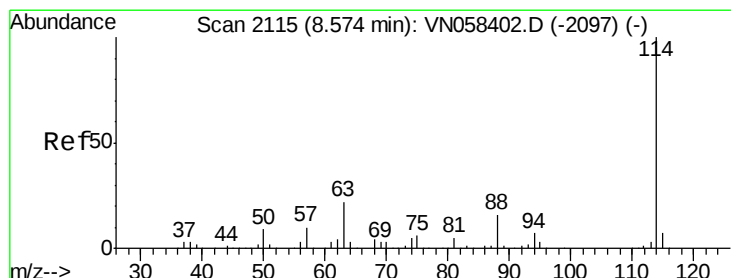
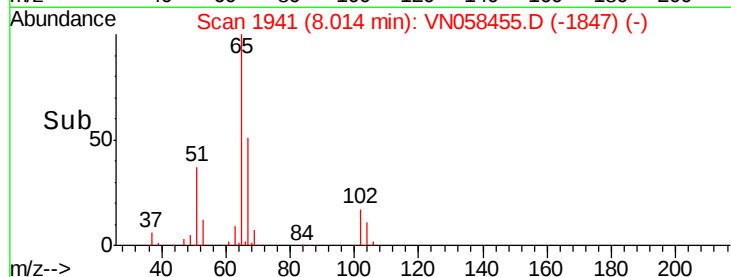
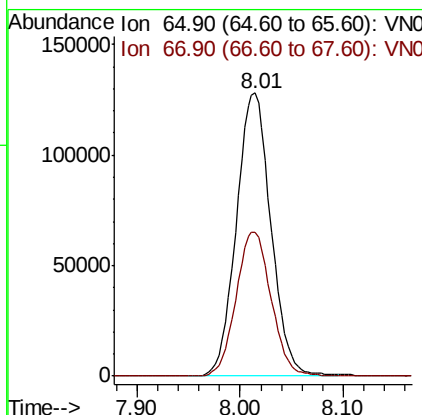
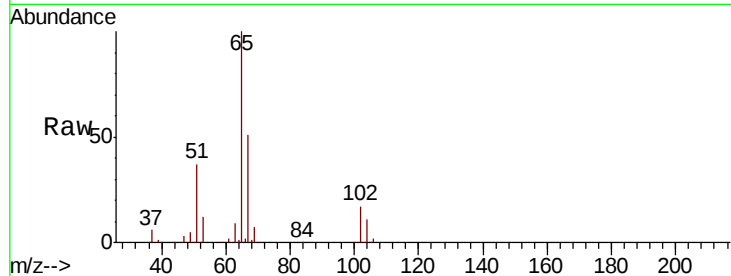




#33
 1,2-Dichloroethane-d4
 Concen: 49.957 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058455.D
 Acq: 1 Oct 2019 11:28

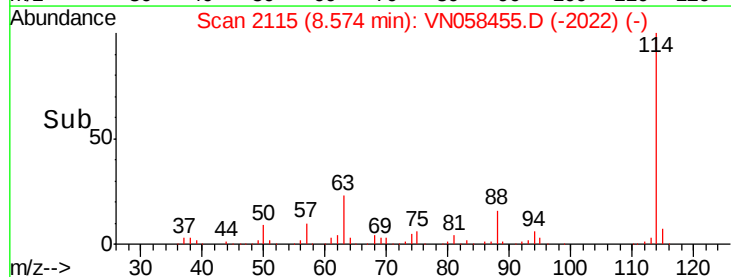
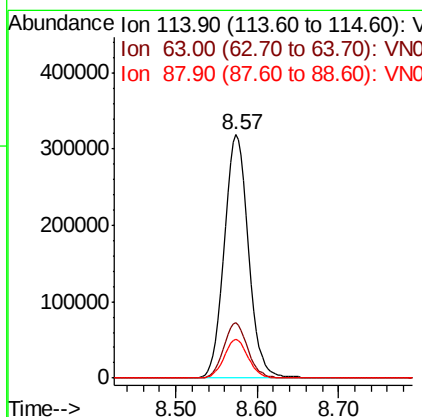
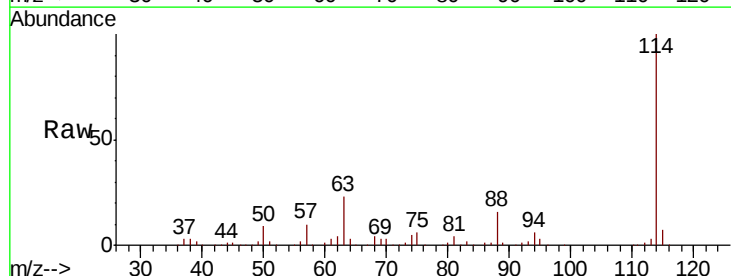
Instrument :
 MSVOA_N
 ClientSampleId :
 TB-9-30-19

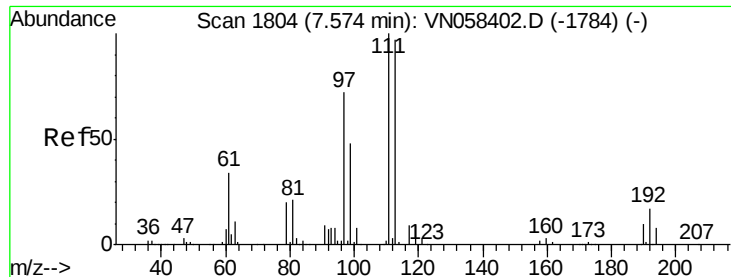
Tot Ion: 65 Resp: 298425
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058455.D
 Acq: 1 Oct 2019 11:28

Tgt Ion: 114 Resp: 669703
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 45.0
 88 16.0 0.0 32.2

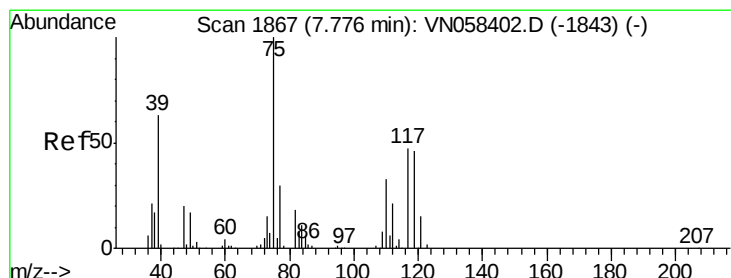
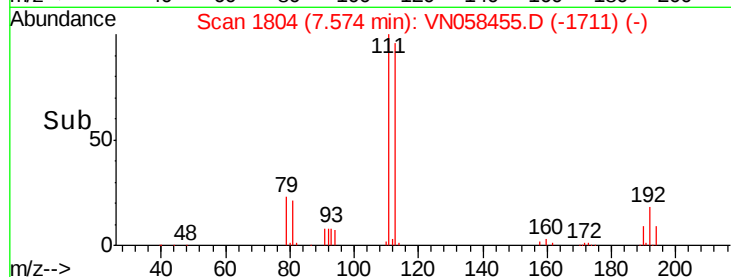
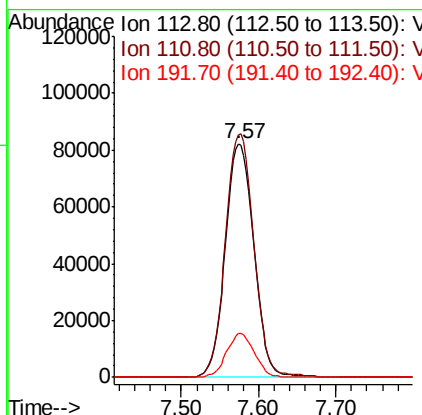
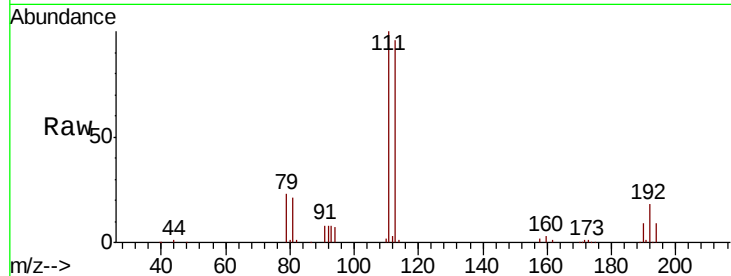




#35
 Dibromofluoromethane
 Concen: 51.401 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058455.D
 Acq: 1 Oct 2019 11:28

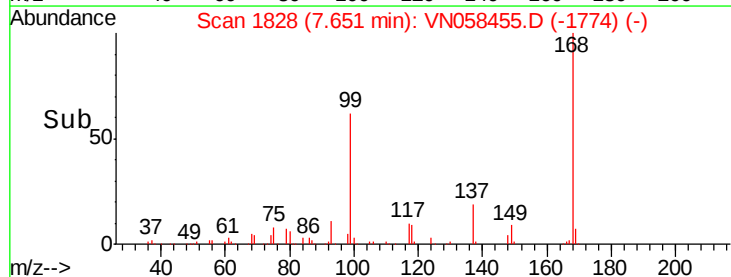
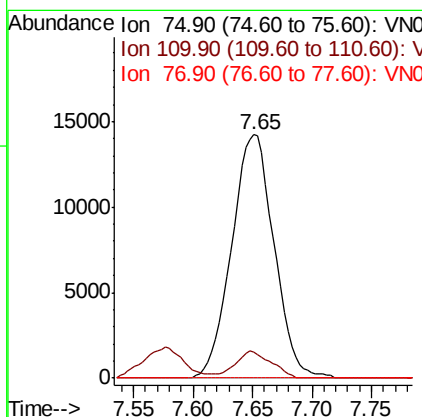
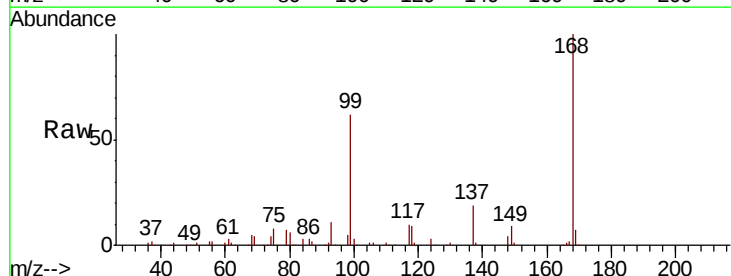
Instrument :
 MSVOA_N
 ClientSampled :
 TB-9-30-19

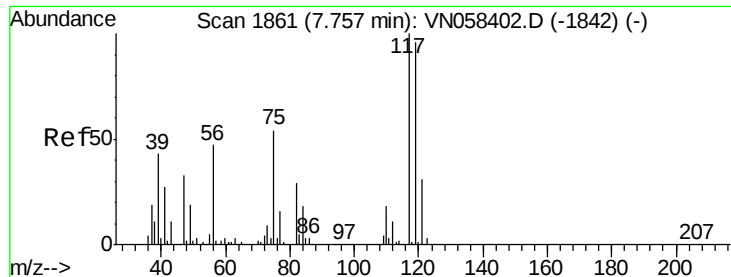
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.4	125.2
192	18.3	14.9	22.3



#36
 1,1-Dichloropropene
 Concen: 5.490 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN058455.D
 Acq: 1 Oct 2019 11:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.3	16.4	49.2#
77	0.0	24.3	36.5#





#38

Carbon Tetrachloride

Concen: 7.264 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.11 min

Lab File: VN058455.D

Acq: 1 Oct 2019 11:28

Instrument :

MSVOA_N

ClientSampled :

TB-9-30-19

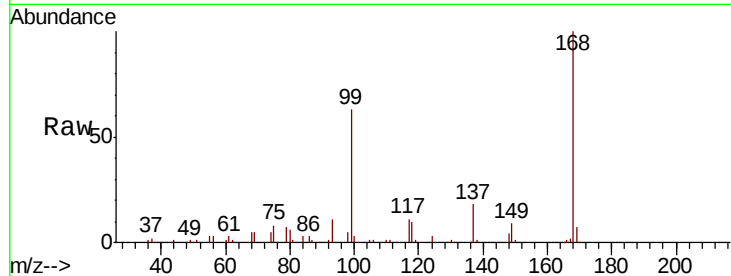
Tot Ion:117 Resp: 41989

Ion Ratio Lower Upper

117 100

119 5.4 76.6 115.0#

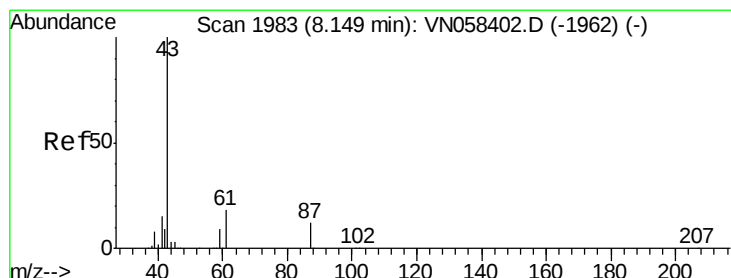
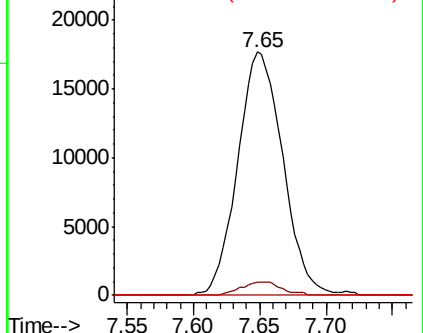
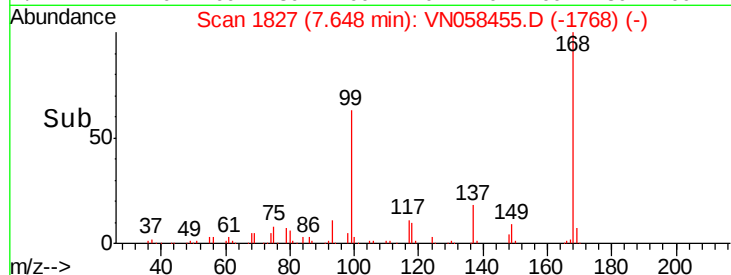
121 0.0 24.7 37.1#



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



#43

Isopropyl Acetate

Concen: 0.283 ug/l

RT: 8.24 min Scan# 2011

Delta R.T. 0.09 min

Lab File: VN058455.D

Acq: 1 Oct 2019 11:28

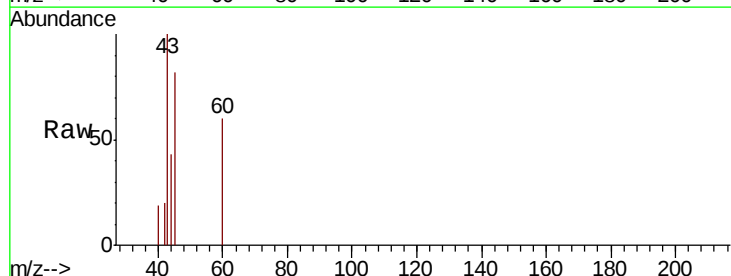
Tgt Ion: 43 Resp: 2888

Ion Ratio Lower Upper

43 100

61 0.0 14.8 22.2#

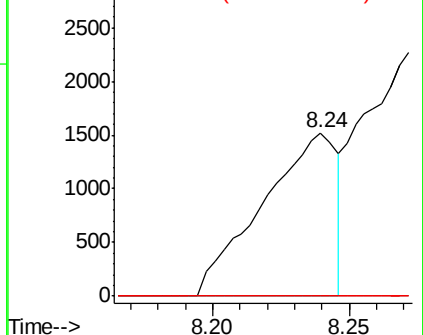
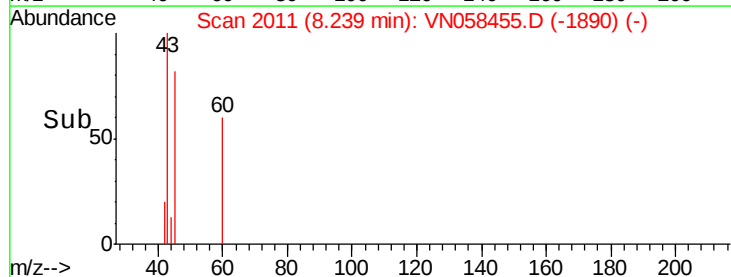
87 0.0 9.7 14.5#

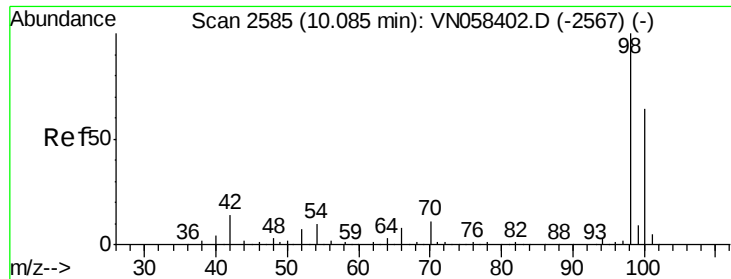


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 52.142 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058455.D

Acq: 1 Oct 2019 11:28

Instrument :

MSVOA_N

ClientSampled :

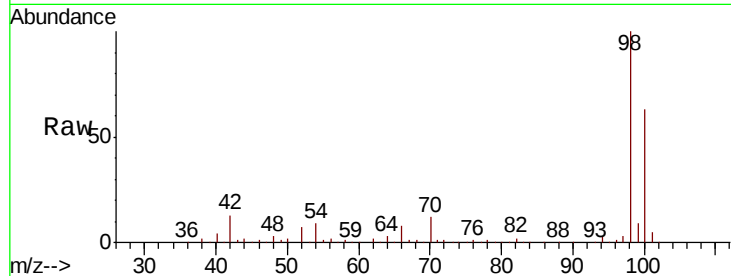
TB-9-30-19

Tot Ion: 98 Resp: 838395

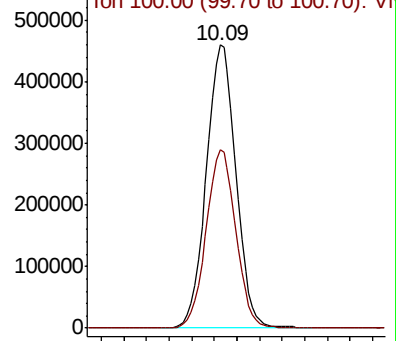
Ion Ratio Lower Upper

98 100

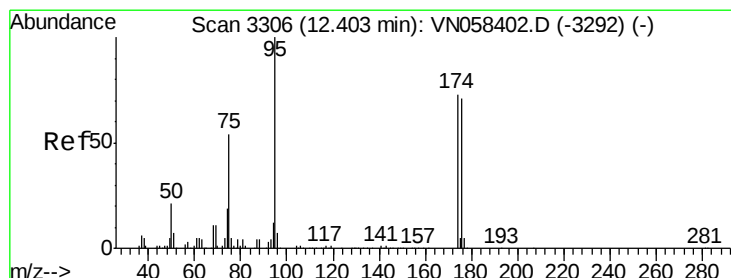
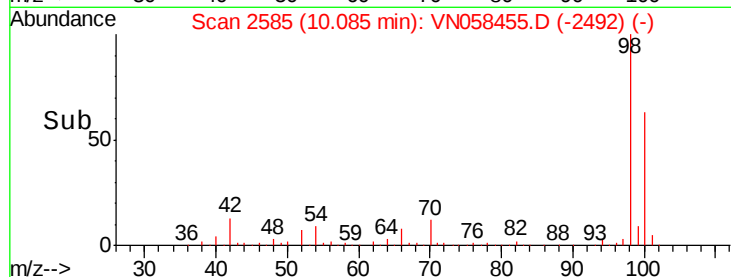
100 63.1 51.0 76.6



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



Time-->



#62

4-Bromofluorobenzene

Concen: 44.856 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058455.D

Acq: 1 Oct 2019 11:28

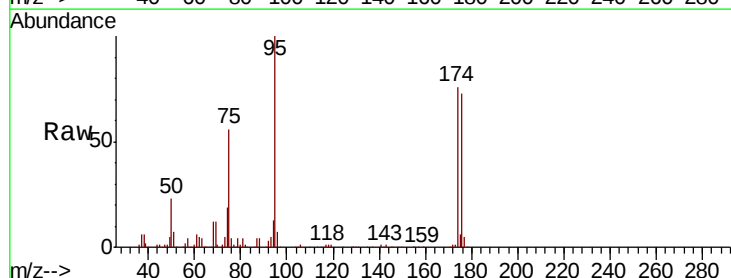
Tgt Ion: 95 Resp: 260788

Ion Ratio Lower Upper

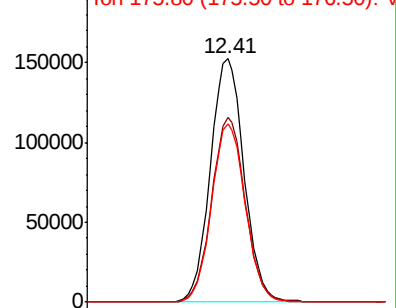
95 100

174 76.1 0.0 150.6

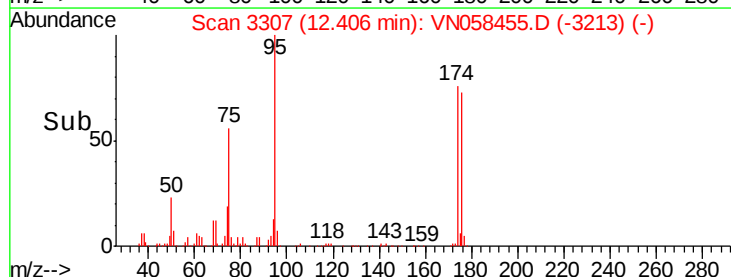
176 73.3 0.0 146.2

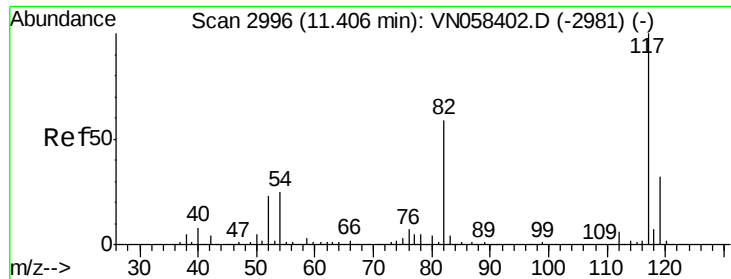


Abundance Ion 94.90 (94.60 to 95.60): VN058402.D (-3292) (-)



Time-->

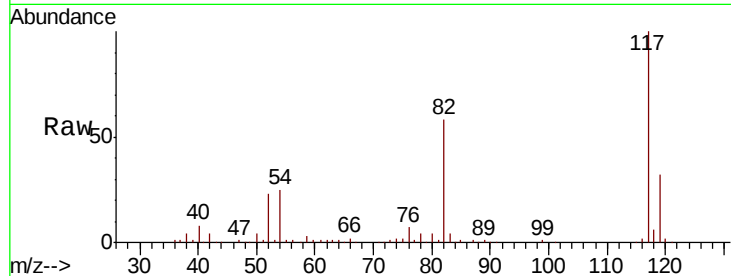




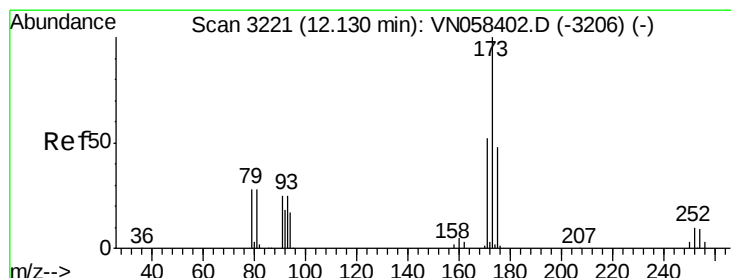
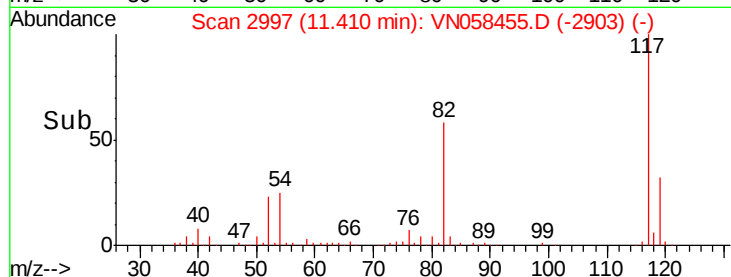
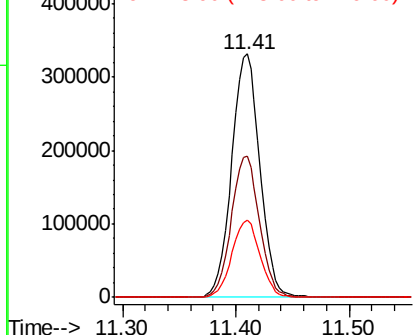
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058455.D
Acq: 1 Oct 2019 11:28

Instrument :
MSVOA_N
ClientSampleId :
TB-9-30-19

Tot Ion:117 Resp: 574614
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.0
119 31.8 25.5 38.3

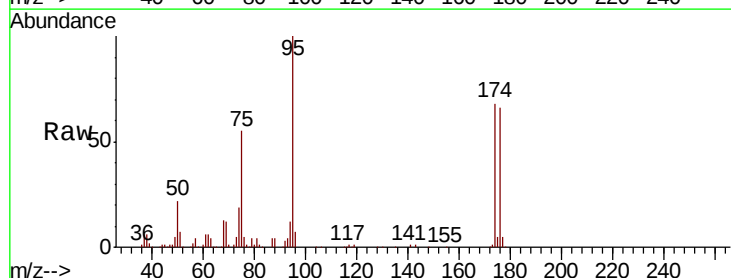


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

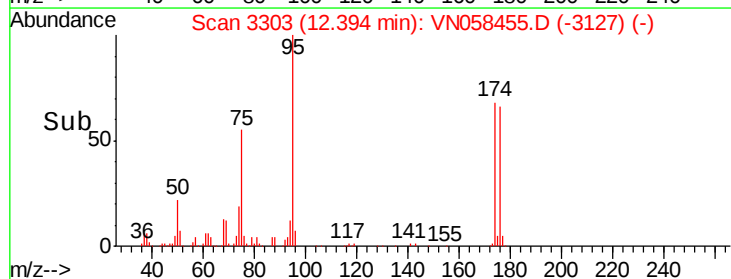
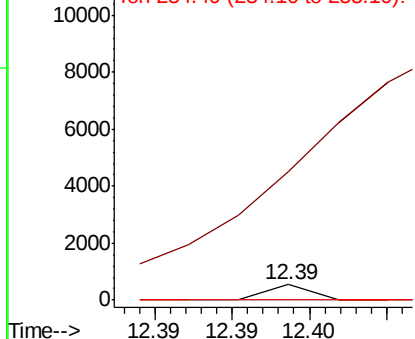


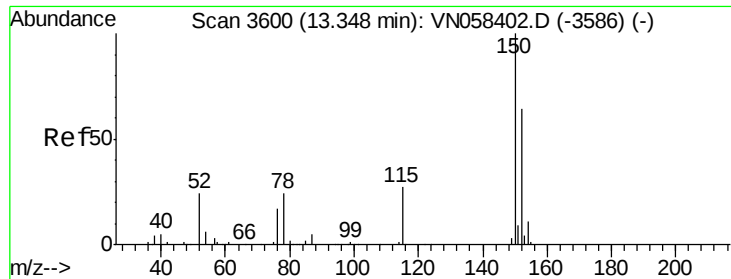
#71
Bromoform
Concen: 0.734 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. 0.26 min
Lab File: VN058455.D
Acq: 1 Oct 2019 11:28

Tgt Ion:173 Resp: 106
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
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# 3601

Delta R.T. 0.00 min

Lab File: VN058455.D

Acq: 1 Oct 2019 11:28

Instrument :

MSVOA_N

ClientSampled :

TB-9-30-19

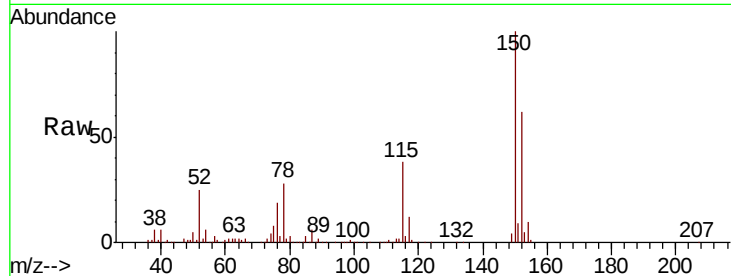
Tot Ion:152 Resp: 220444

Ion Ratio Lower Upper

152 100

115 62.7 30.0 90.0

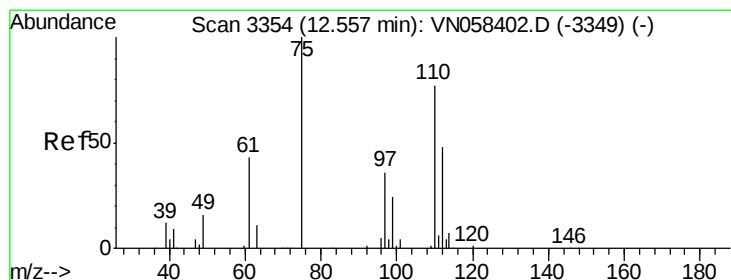
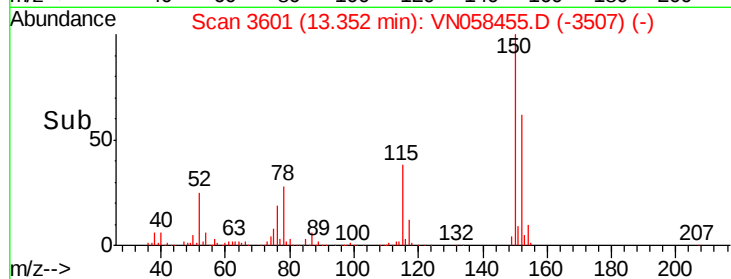
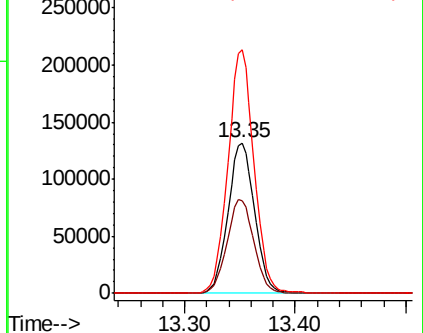
150 158.1 0.0 348.2



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: 36.080 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058455.D

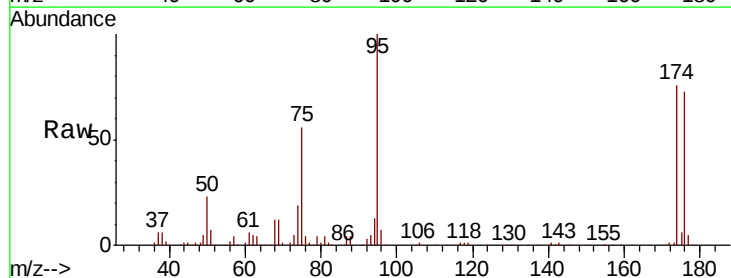
Acq: 1 Oct 2019 11:28

Tgt Ion: 75 Resp: 145275

Ion Ratio Lower Upper

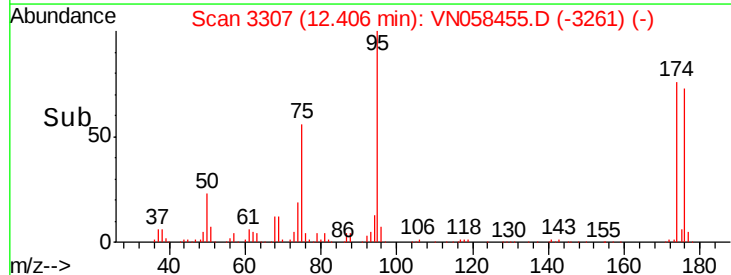
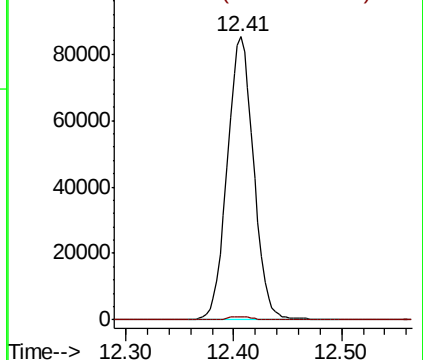
75 100

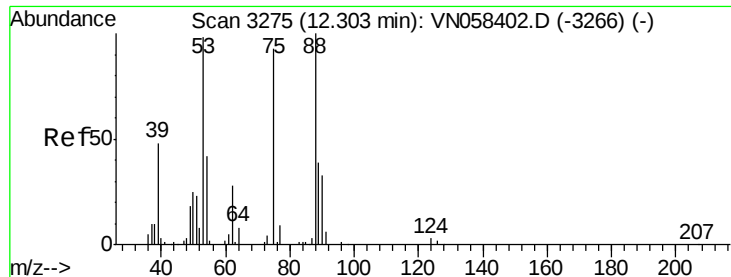
77 1.1 0.0 0.0#



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: 109.581 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058455.D

Acq: 1 Oct 2019 11:28

Instrument :

MSVOA_N

ClientSampleId :

TB-9-30-19

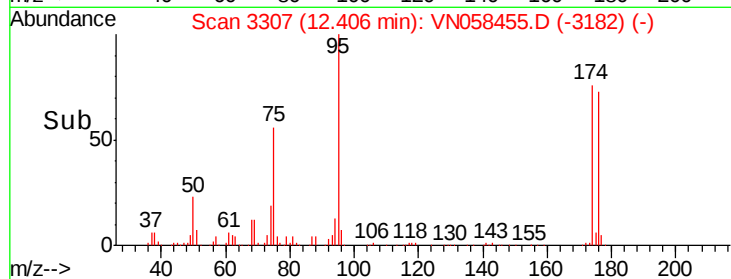
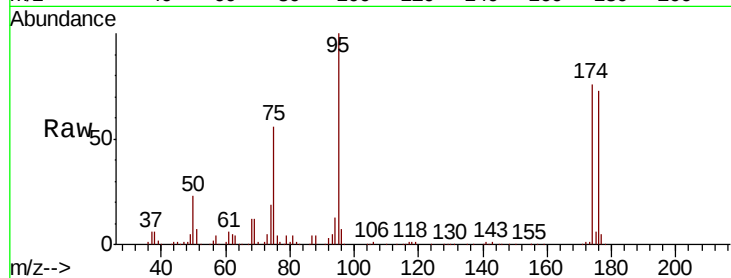
Tot Ion: 75 Resp: 145275

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

