

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091720\
 Data File : VN063414.D
 Acq On : 17 Sep 2020 13:14
 Operator : JC/MD
 Sample : L4064-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-200916

Quant Time: Sep 18 02:49:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	239115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	436485	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	434549	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	188467	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	194552	47.80	ug/l	0.00
Spiked Amount			Recovery	=	95.60%	
35) Dibromofluoromethane	7.55	113	141164	46.72	ug/l	0.00
Spiked Amount			Recovery	=	93.44%	
50) Toluene-d8	10.06	98	563276	49.57	ug/l	0.00
Spiked Amount			Recovery	=	99.14%	
62) 4-Bromofluorobenzene	12.38	95	221594	53.20	ug/l	0.00
Spiked Amount			Recovery	=	106.40%	

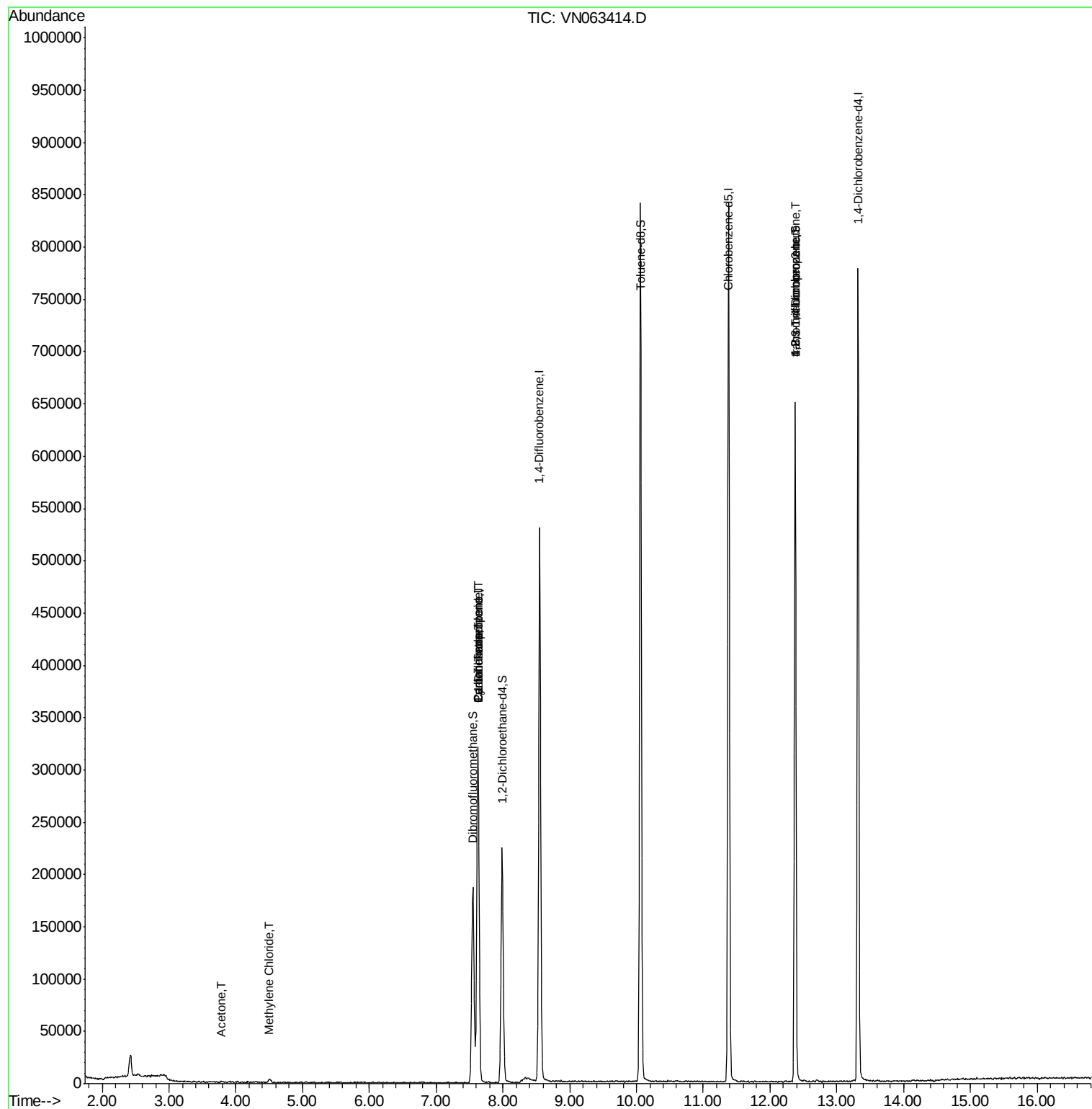
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	1047	0.800	ug/l #	47
20) Methylene Chloride	4.49	84	868	0.262	ug/l #	90
31) Cyclohexane	7.63	56	7231	1.286	ug/l #	50
36) 1,1-Dichloropropene	7.63	75	22125	4.758	ug/l #	52
38) Carbon Tetrachloride	7.63	117	27121	5.713	ug/l #	15
76) 1,2,3-Trichloropropane	12.38	75	122943	26.355	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	122943	72.256	ug/l #	7

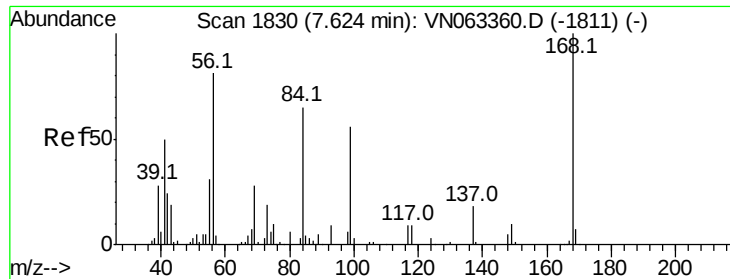
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091720\
Data File : VN063414.D
Acq On : 17 Sep 2020 13:14
Operator : JC/MD
Sample : L4064-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TB-01-200916

Quant Time: Sep 18 02:49:19 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063414.D

Acq: 17 Sep 2020 13:14

Instrument :

MSVOA_N

ClientSampleId :

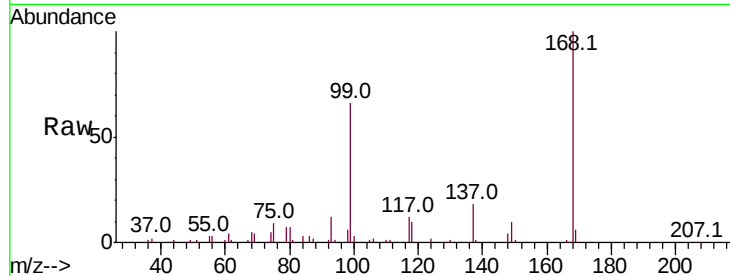
TB-01-200916

Tot Ion:168 Resp: 239115

Ion Ratio Lower Upper

168 100

99 65.7 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

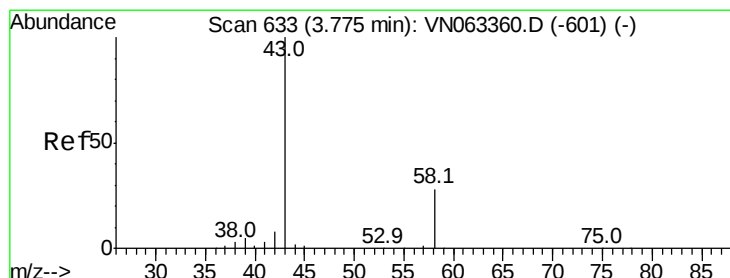
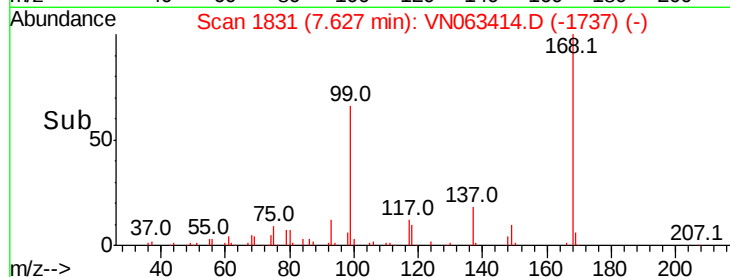
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 0.800 ug/l

RT: 3.79 min Scan# 639

Delta R.T. 0.02 min

Lab File: VN063414.D

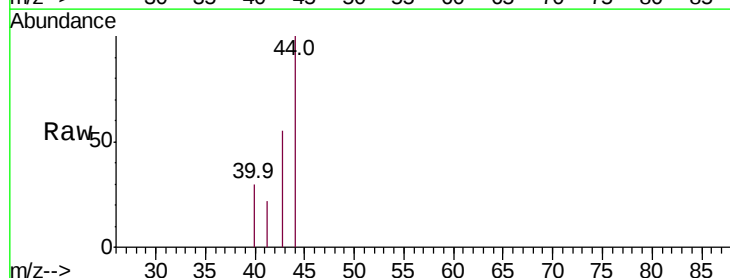
Acq: 17 Sep 2020 13:14

Tgt Ion: 43 Resp: 1047

Ion Ratio Lower Upper

43 100

58 0.0 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.79

500

400

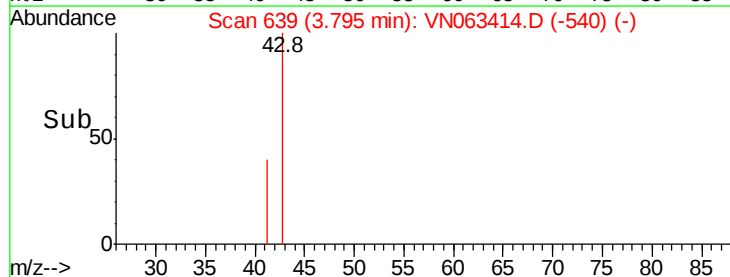
300

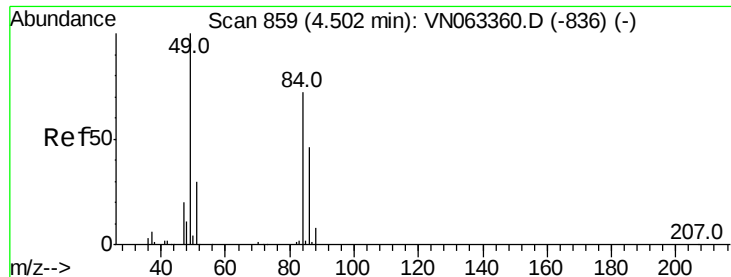
200

100

0

Time--> 3.75 3.80

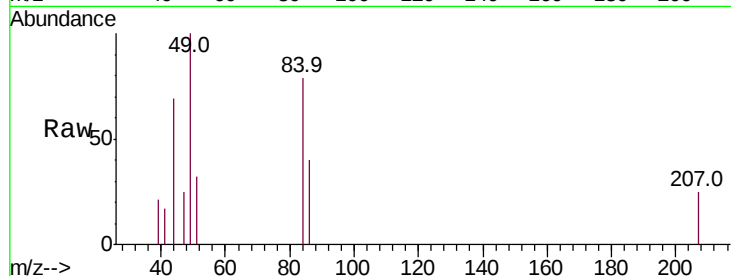




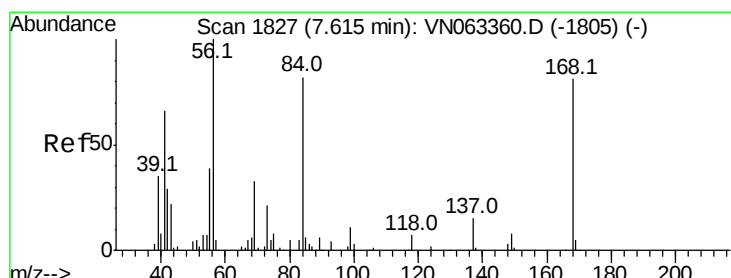
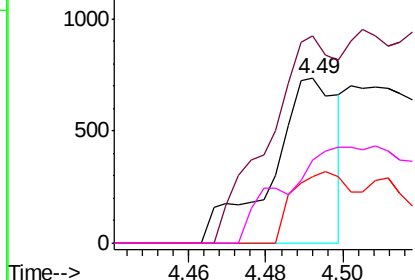
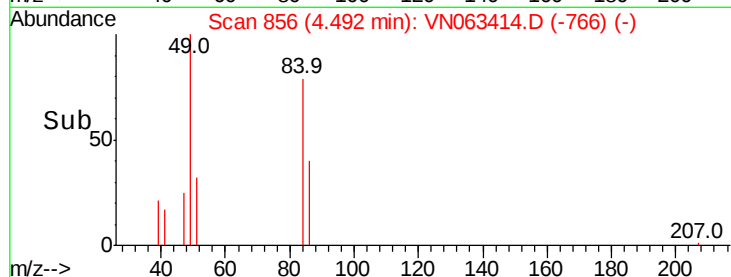
#20
Methylene Chloride
Concen: 0.262 ug/l
RT: 4.49 min Scan# 856
Delta R.T. -0.01 min
Lab File: VN063414.D
Acq: 17 Sep 2020 13:14

Instrument :
MSVOA_N
ClientSampled :
TB-01-200916

Tot Ion: 84 Resp: 868
Ion Ratio Lower Upper
84 100
49 125.9 110.7 166.1
51 40.5 32.9 49.3
86 50.7 51.1 76.7#

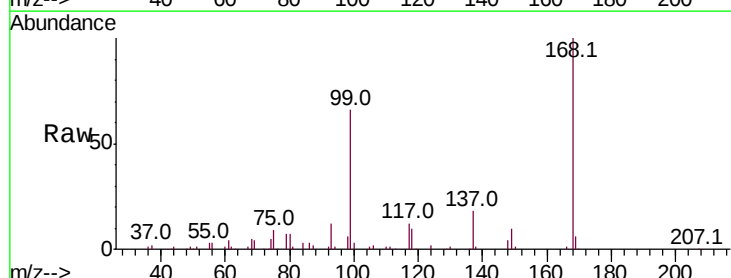


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

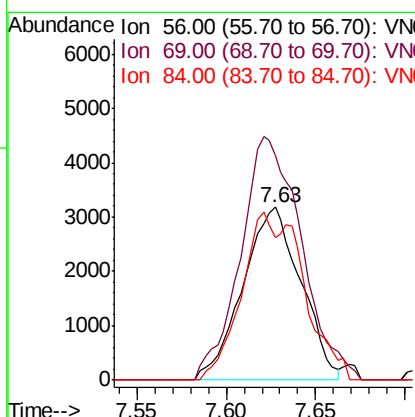
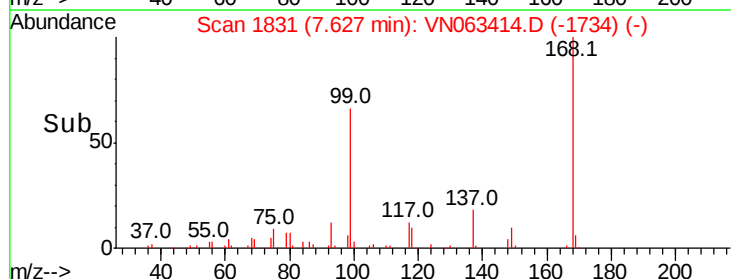


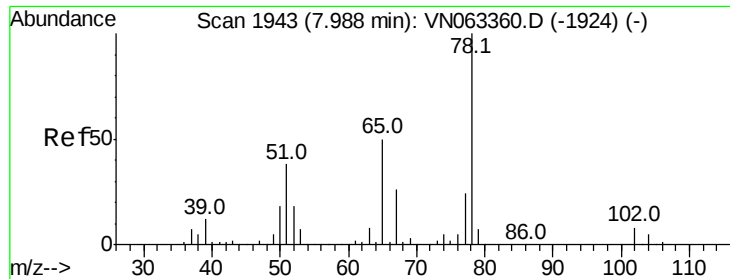
#31
Cyclohexane
Concen: 1.286 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN063414.D
Acq: 17 Sep 2020 13:14

Tgt Ion: 56 Resp: 7231
Ion Ratio Lower Upper
56 100
69 129.7 26.1 39.1#
84 82.7 65.4 98.2



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

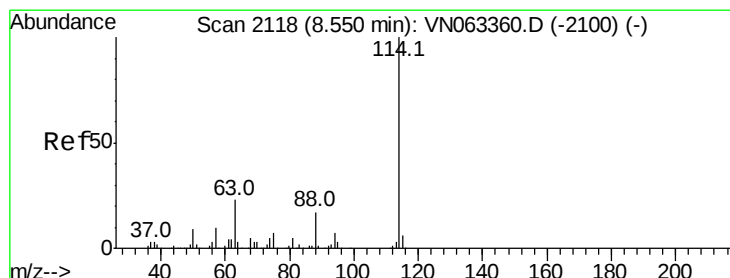
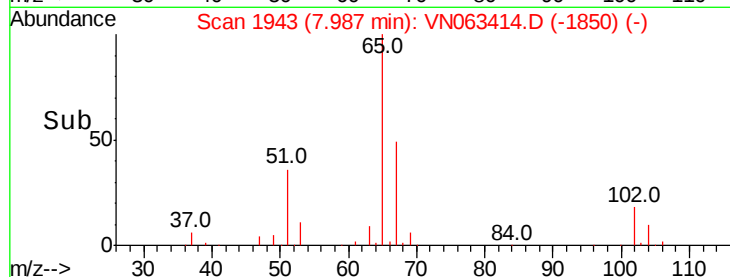
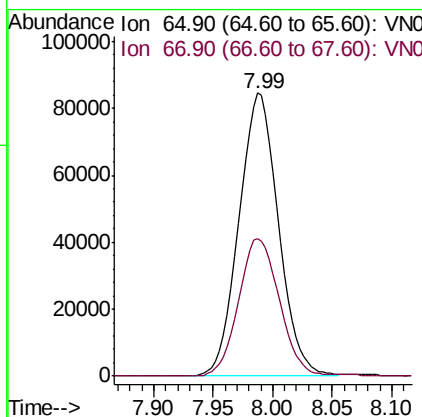
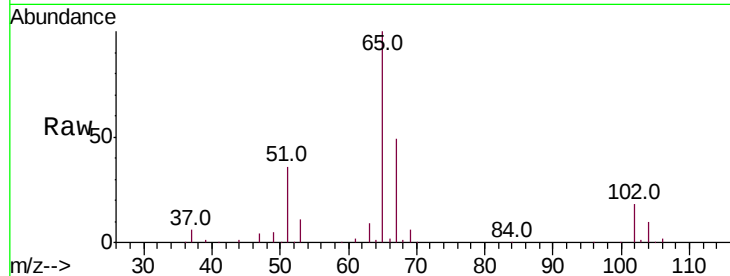




#33
 1,2-Dichloroethane-d4
 Concen: 47.797 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063414.D
 Acq: 17 Sep 2020 13:14

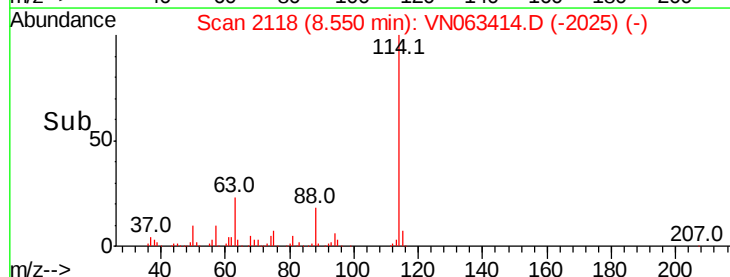
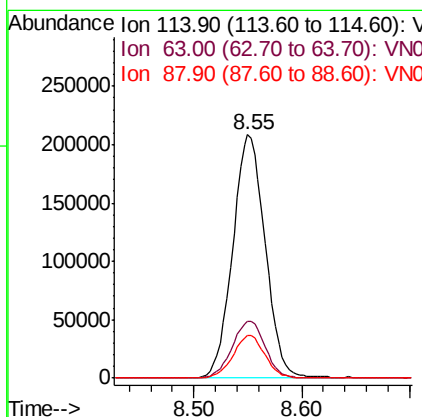
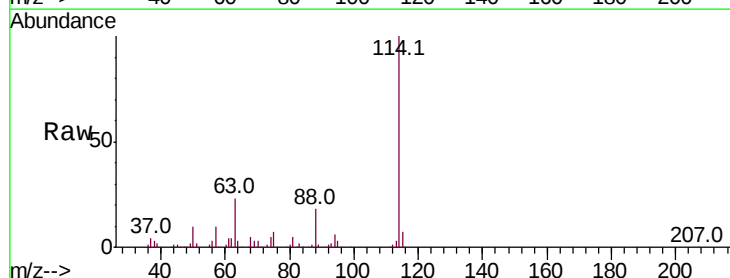
Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-200916

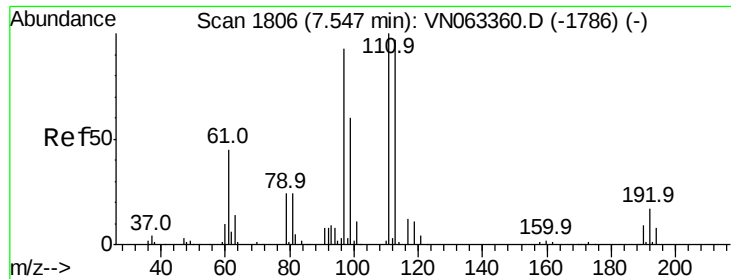
Tot Ion: 65 Resp: 194552
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063414.D
 Acq: 17 Sep 2020 13:14

Tgt Ion: 114 Resp: 436485
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 46.4
 88 17.6 0.0 33.2

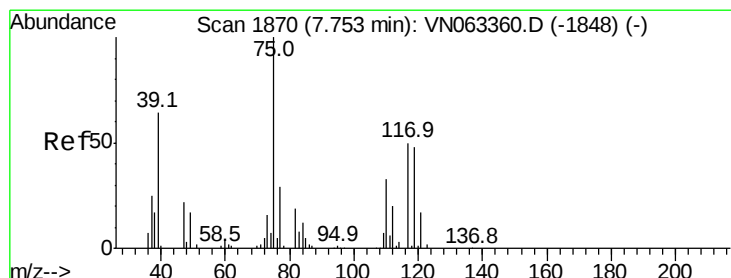
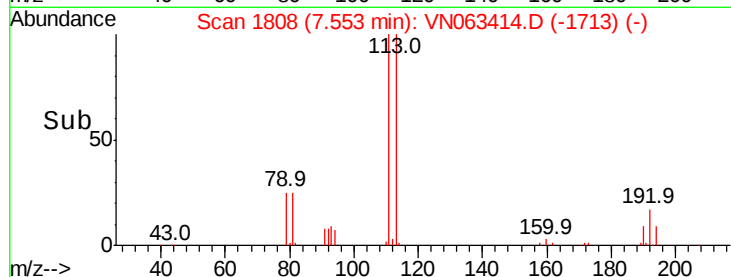
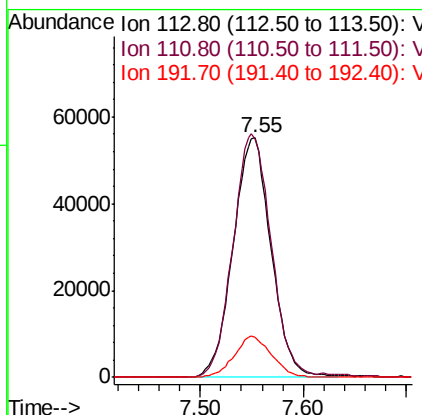
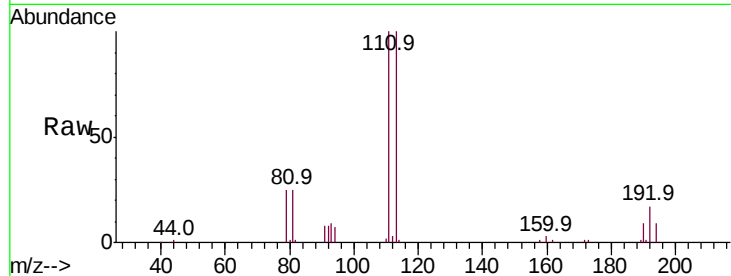




#35
 Dibromofluoromethane
 Concen: 46.717 ug/l
 RT: 7.55 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VN063414.D
 Acq: 17 Sep 2020 13:14

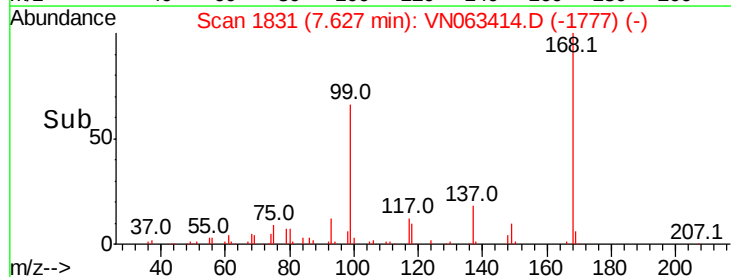
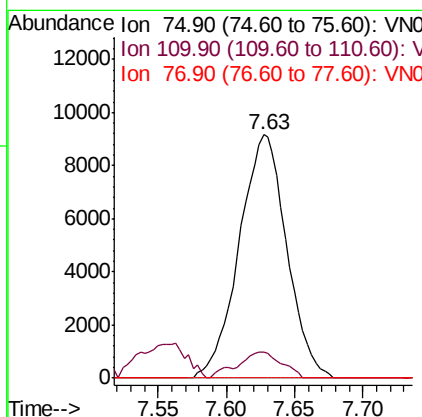
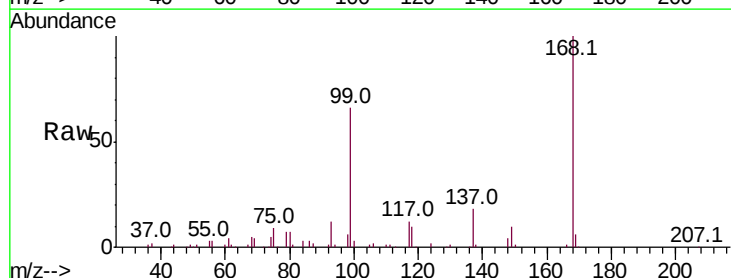
Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-200916

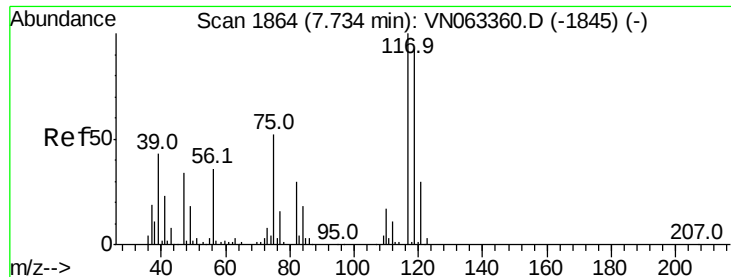
Tot Ion:113 Resp: 141164
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.9 124.3
 192 16.9 13.9 20.9



#36
 1,1-Dichloropropene
 Concen: 4.758 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN063414.D
 Acq: 17 Sep 2020 13:14

Tgt Ion: 75 Resp: 22125
 Ion Ratio Lower Upper
 75 100
 110 10.0 16.5 49.5#
 77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 5.713 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.11 min

Lab File: VN063414.D

Acq: 17 Sep 2020 13:14

Instrument :

MSVOA_N

ClientSampleId :

TB-01-200916

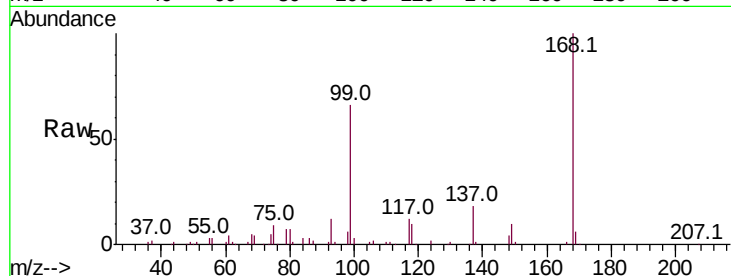
Tot Ion:117 Resp: 27121

Ion Ratio Lower Upper

117 100

119 2.9 74.5 111.7#

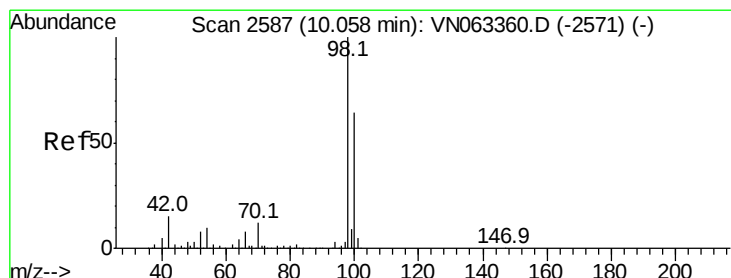
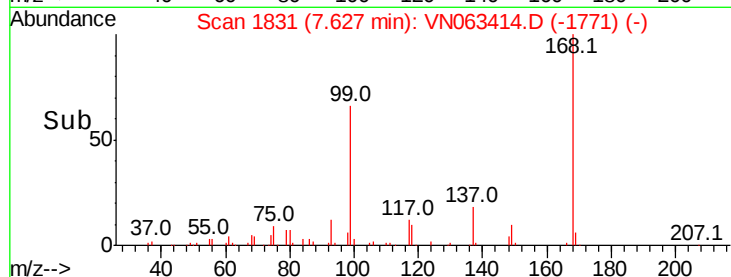
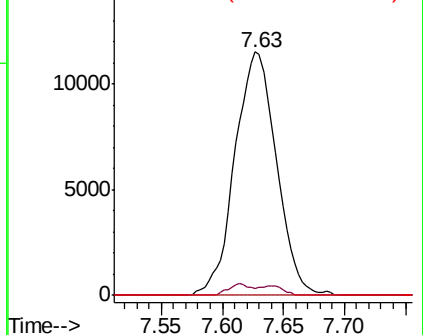
121 0.0 24.1 36.1#



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



#50

Toluene-d8

Concen: 49.575 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063414.D

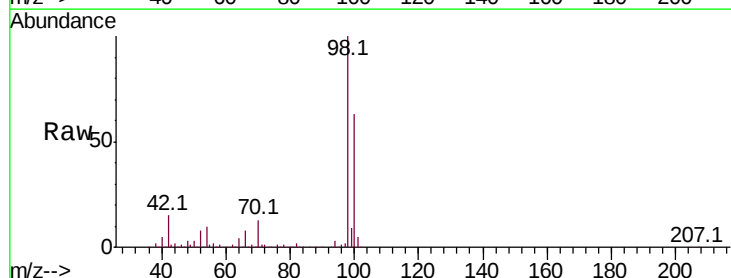
Acq: 17 Sep 2020 13:14

Tgt Ion: 98 Resp: 563276

Ion Ratio Lower Upper

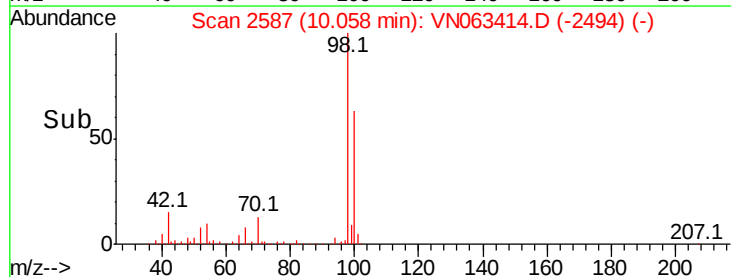
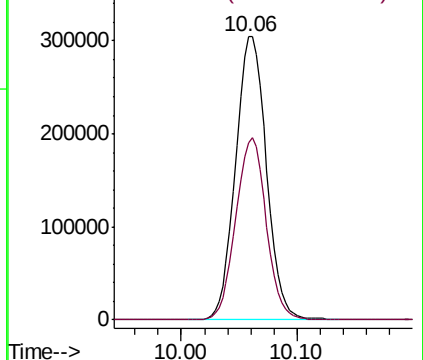
98 100

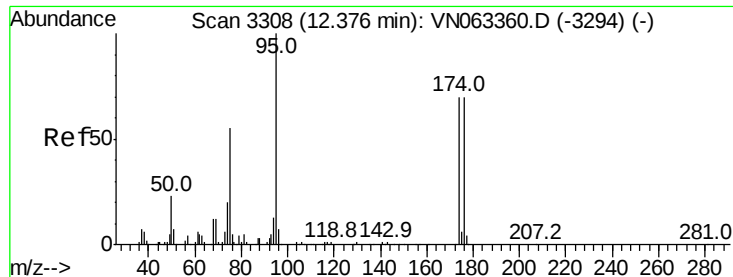
100 63.6 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 53.202 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063414.D

Acq: 17 Sep 2020 13:14

Instrument :

MSVOA_N

ClientSampleId :

TB-01-200916

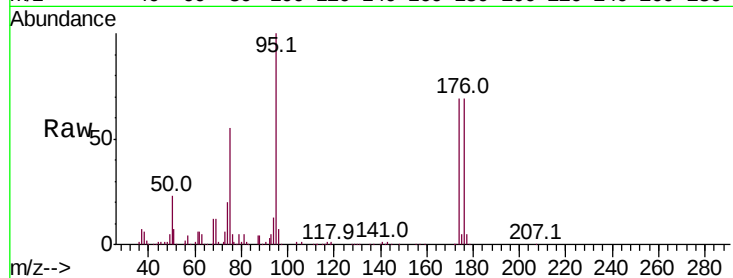
Tot Ion: 95 Resp: 221594

Ion Ratio Lower Upper

95 100

174 70.3 0.0 140.8

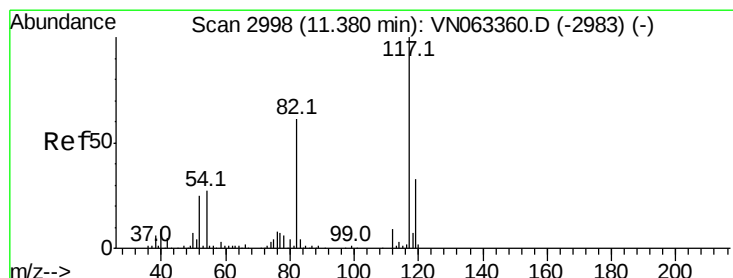
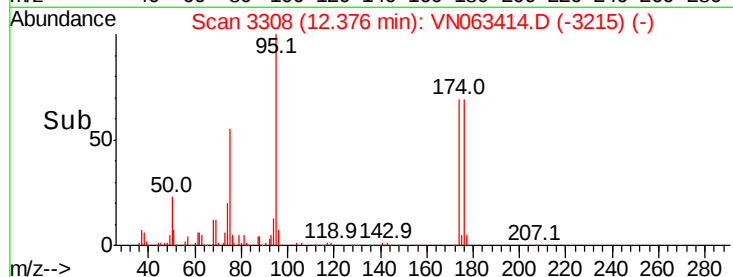
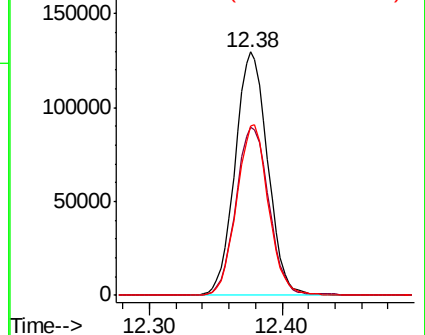
176 68.4 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN063414.D

Acq: 17 Sep 2020 13:14

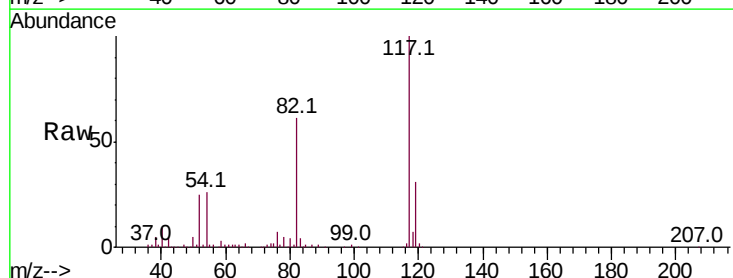
Tgt Ion: 117 Resp: 434549

Ion Ratio Lower Upper

117 100

82 61.1 49.2 73.8

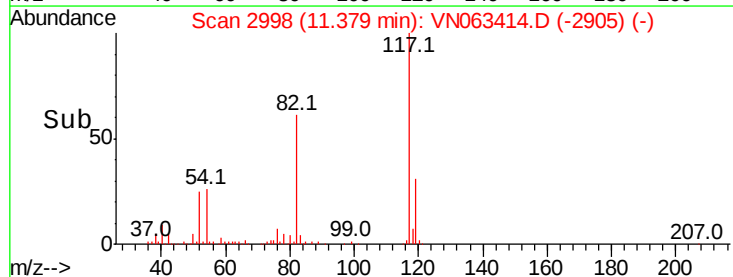
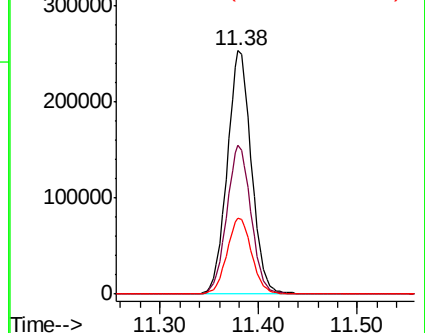
119 31.3 26.2 39.4

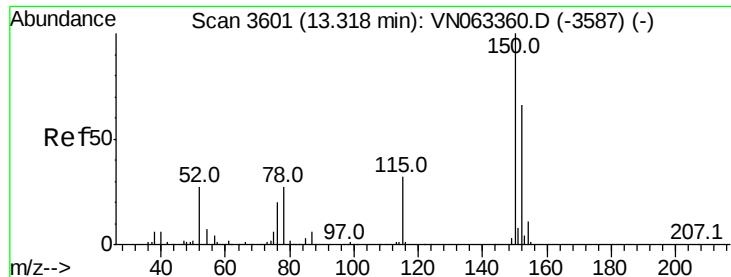


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063414.D

Acq: 17 Sep 2020 13:14

Instrument :

MSVOA_N

ClientSampleId :

TB-01-200916

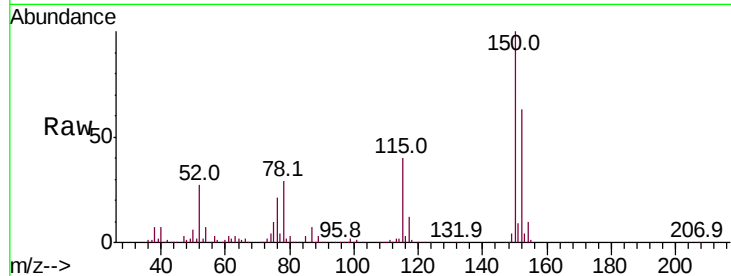
Tot Ion:152 Resp: 188467

Ion Ratio Lower Upper

152 100

115 62.5 32.2 96.6

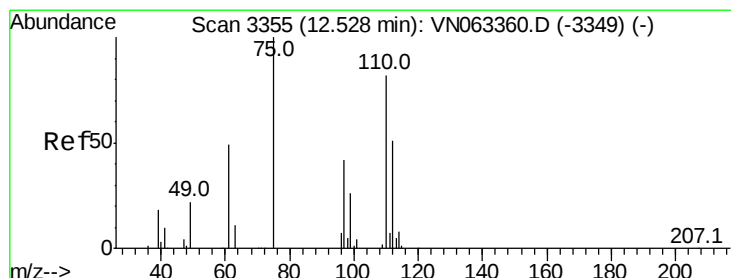
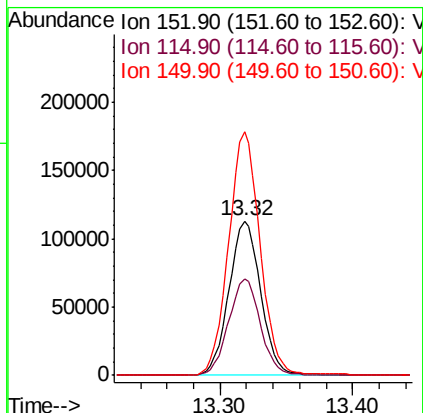
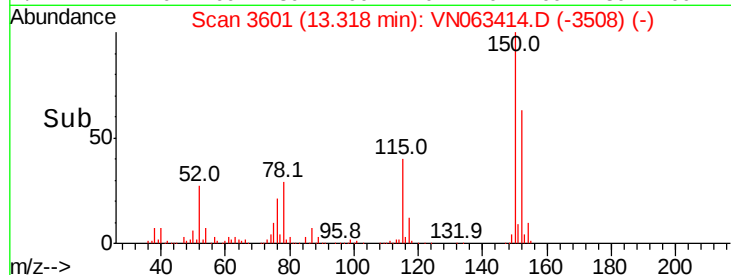
150 155.9 0.0 343.4



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: 26.355 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063414.D

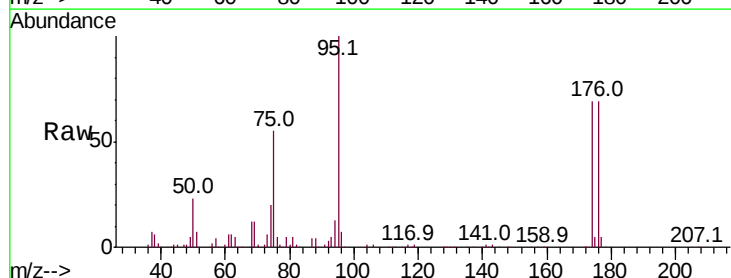
Acq: 17 Sep 2020 13:14

Tgt Ion: 75 Resp: 122943

Ion Ratio Lower Upper

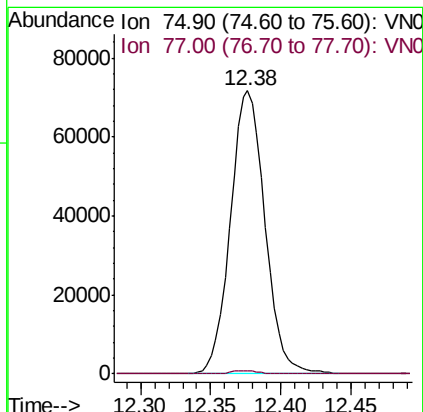
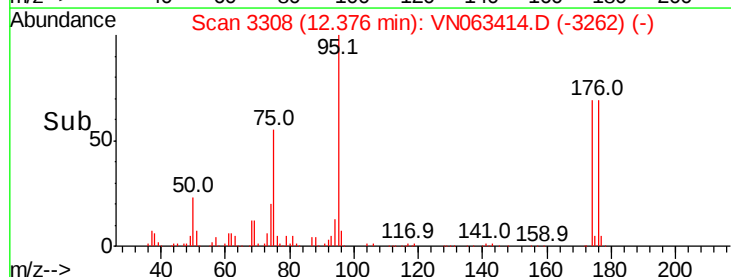
75 100

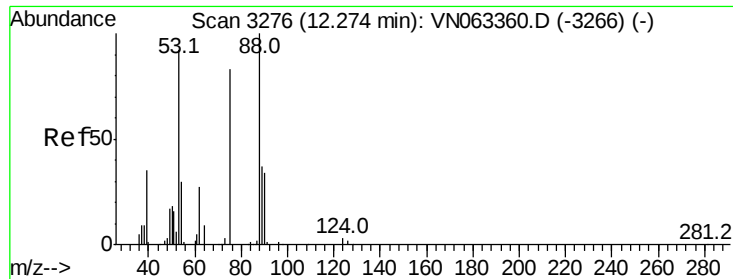
77 0.9 0.0 0.0#



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: 72.256 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063414.D

Acq: 17 Sep 2020 13:14

Instrument :

MSVOA_N

ClientSampleId :

TB-01-200916

Tot Ion: 75 Resp: 122943

Ion Ratio Lower Upper

75 100

53 0.0 85.7 128.5#

89 0.0 38.0 57.0#

