

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032119\
 Data File : VN054509.D
 Acq On : 21 Mar 2019 14:20
 Operator : JC/SP
 Sample : K1964-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Mar 22 10:14:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	708270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1084306	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	863823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	300670	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	431707	49.00	ug/l	0.00
Spiked Amount			Recovery	=	98.00%	
35) Dibromofluoromethane	7.59	113	341445	48.88	ug/l	0.00
Spiked Amount			Recovery	=	97.76%	
50) Toluene-d8	10.09	98	1280093	48.74	ug/l	0.00
Spiked Amount			Recovery	=	97.48%	
62) 4-Bromofluorobenzene	12.40	95	375004	41.96	ug/l	0.00
Spiked Amount			Recovery	=	83.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	919	0.347	ug/l #	73
20) Methylene Chloride	4.55	84	2878	0.369	ug/l #	76
31) Cyclohexane	7.67	56	13908	Below Cal	#	16
36) 1,1-Dichloropropene	7.66	75	49422	4.875	ug/l #	49
38) Carbon Tetrachloride	7.67	117	63108	6.405	ug/l #	16
53) t-1,3-Dichloropropene	10.10	75	336	2.264	ug/l #	17
71) Bromoform	12.41	173	387	2.305	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	190505	39.928	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	190505	132.087	ug/l #	11

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054509.D

Acq: 21 Mar 2019 14:20

Instrument :

MSVOA_N

ClientSampleId :

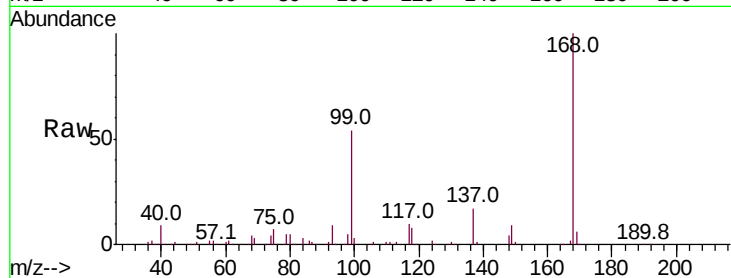
TRIP-BLANK

Tot Ion:168 Resp: 708270

Ion Ratio Lower Upper

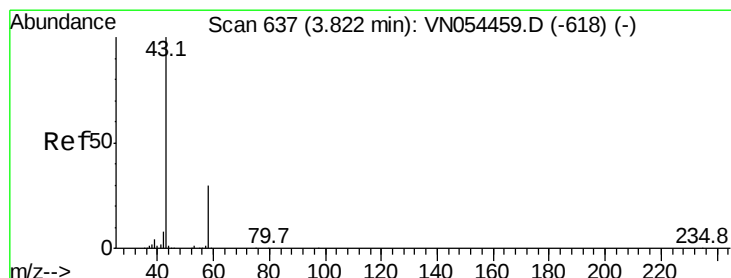
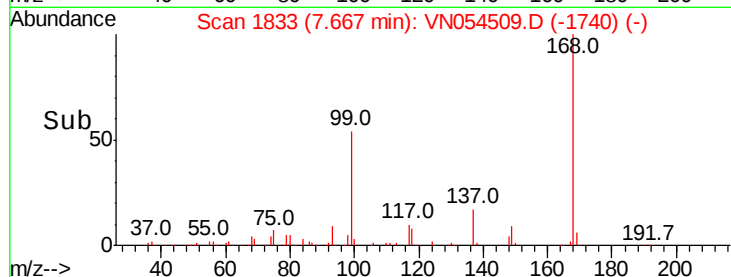
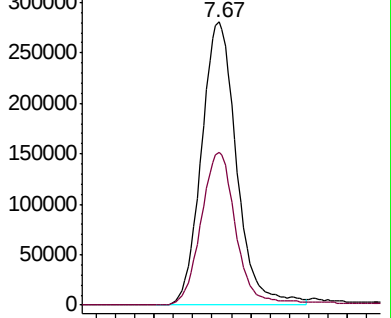
168 100

99 54.1 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 0.347 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN054509.D

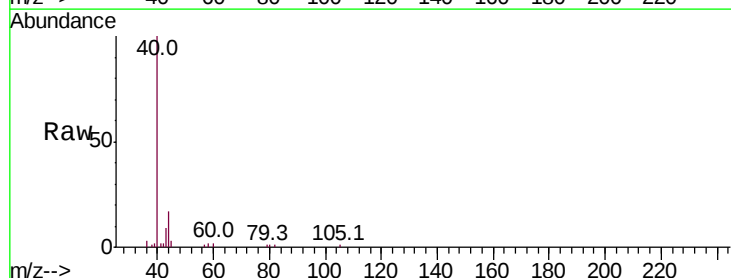
Acq: 21 Mar 2019 14:20

Tgt Ion: 43 Resp: 919

Ion Ratio Lower Upper

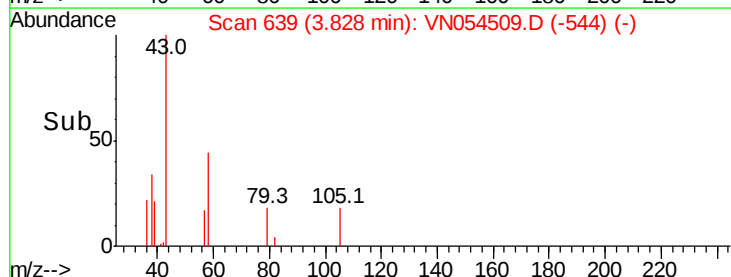
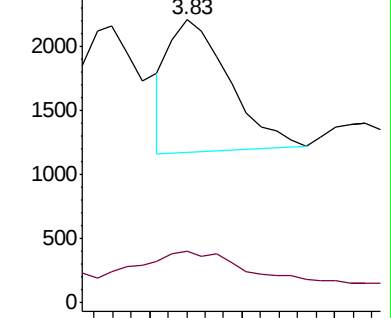
43 100

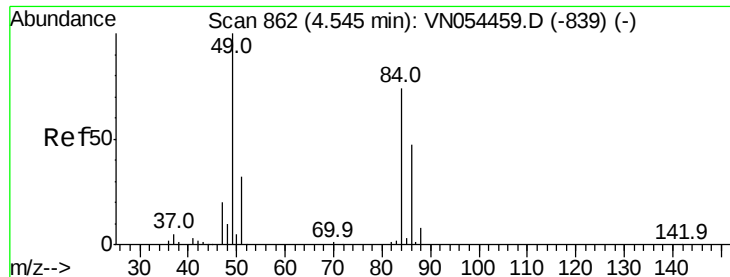
58 21.5 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

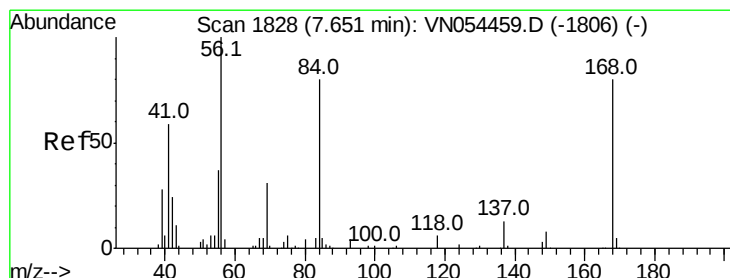
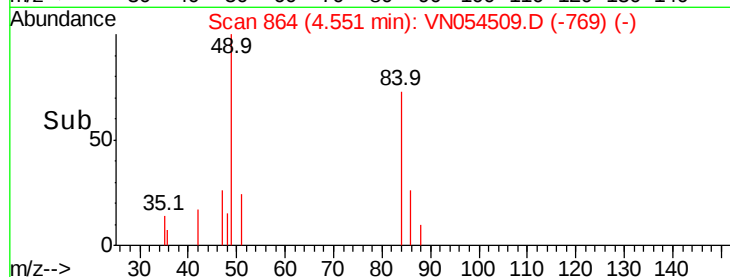
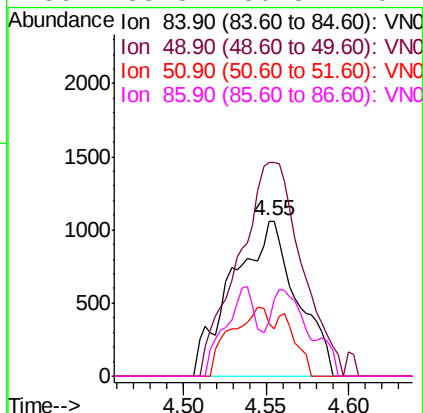
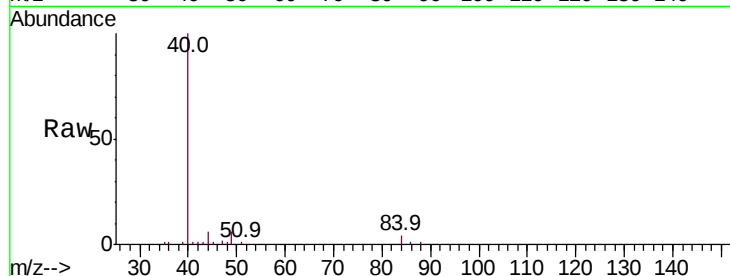




#20
Methylene Chloride
Concen: 0.369 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.01 min
Lab File: VN054509.D
Acq: 21 Mar 2019 14:20

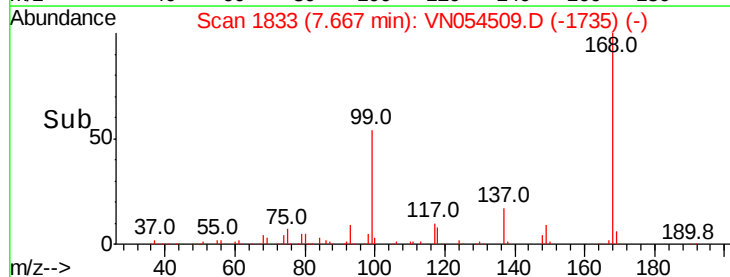
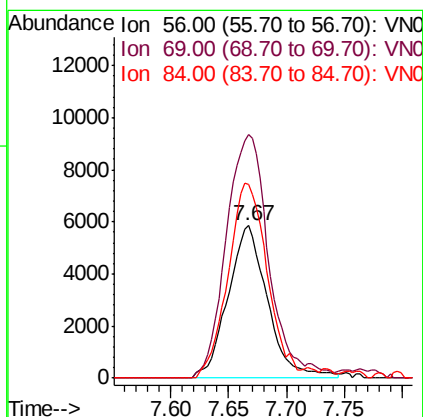
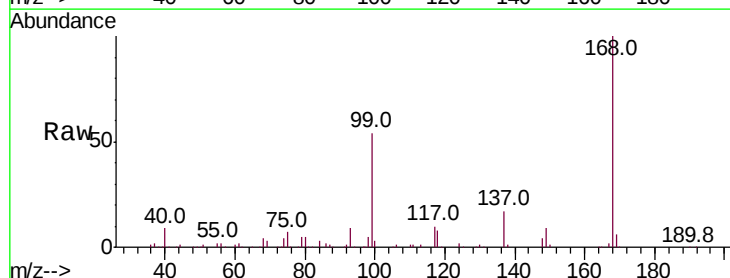
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

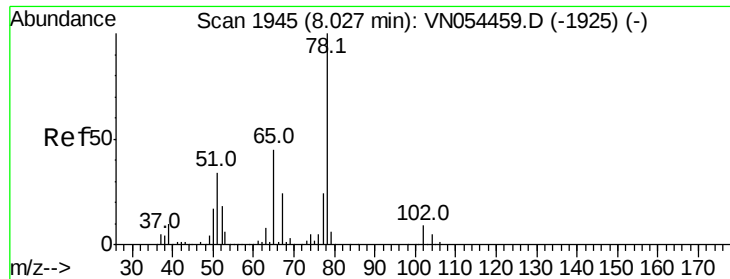
Tot Ion: 84 Resp: 2878
Ion Ratio Lower Upper
84 100
49 137.6 89.7 134.5#
51 33.6 28.2 42.4
86 35.3 50.8 76.2#



#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN054509.D
Acq: 21 Mar 2019 14:20

Tgt Ion: 56 Resp: 13908
Ion Ratio Lower Upper
56 100
69 159.6 27.8 41.6#
84 126.7 74.6 111.8#

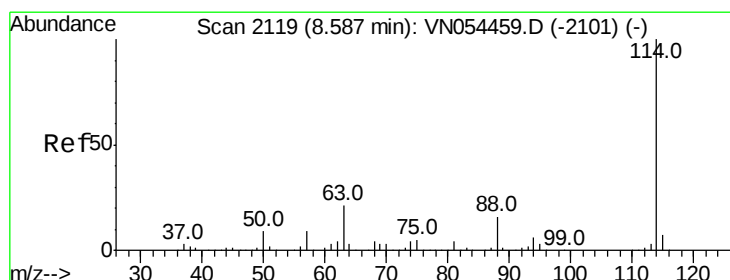
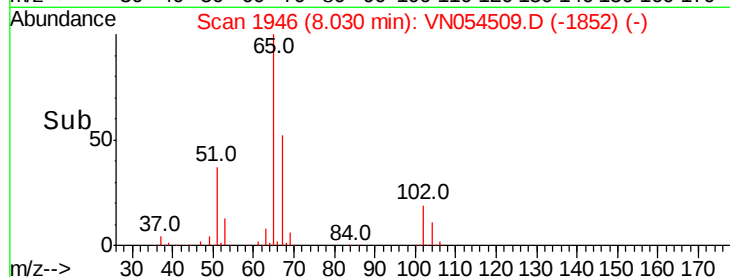
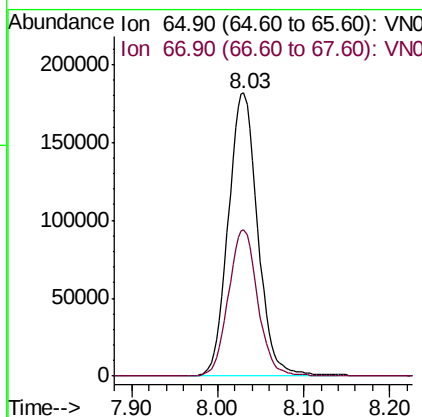
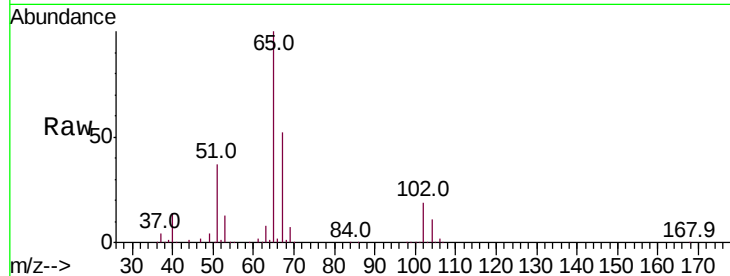




#33
 1,2-Dichloroethane-d4
 Concen: 49.003 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN054509.D
 Acq: 21 Mar 2019 14:20

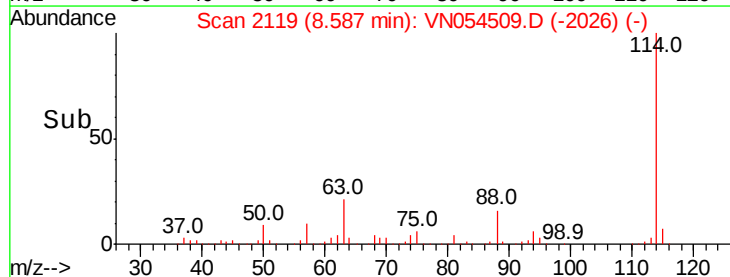
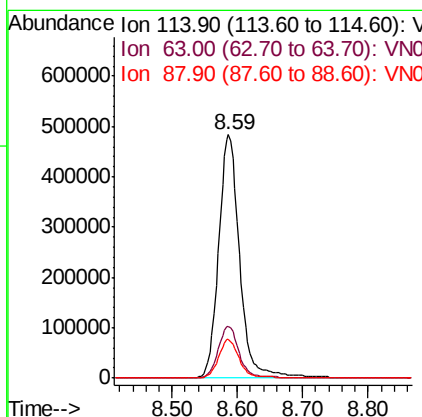
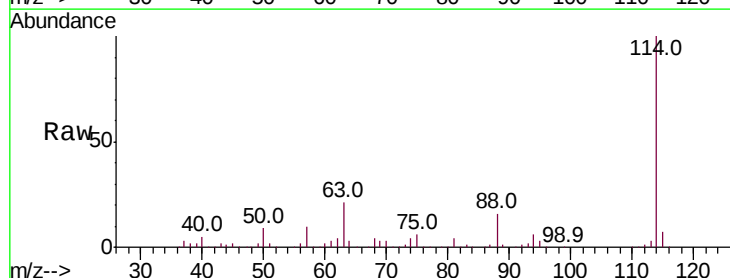
Instrument :
 MSVOA_N
 ClientSampleId :
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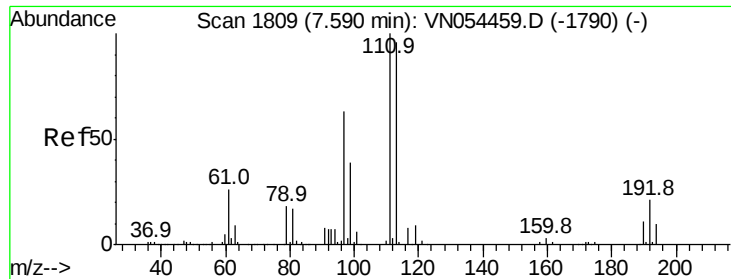
Tot Ion: 65 Resp: 431707
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054509.D
 Acq: 21 Mar 2019 14:20

Tgt Ion: 114 Resp: 1084306
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 35.2
 88 15.8 0.0 30.2

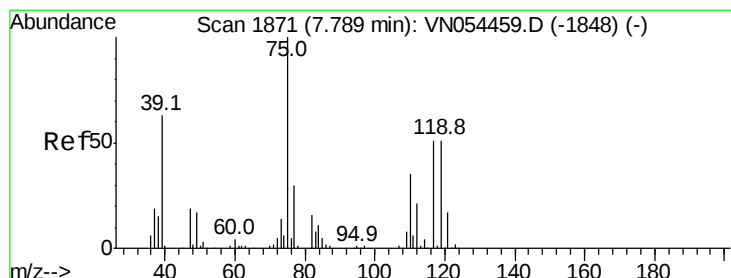
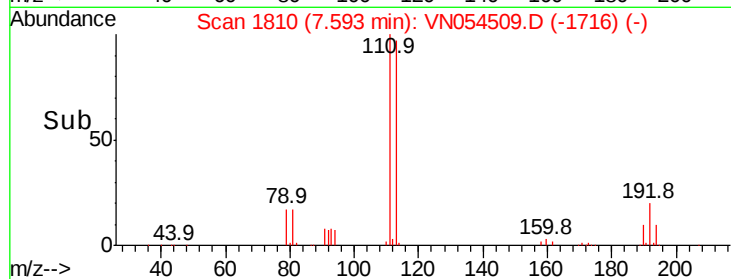
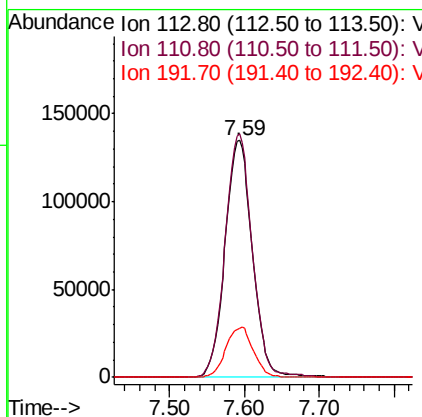
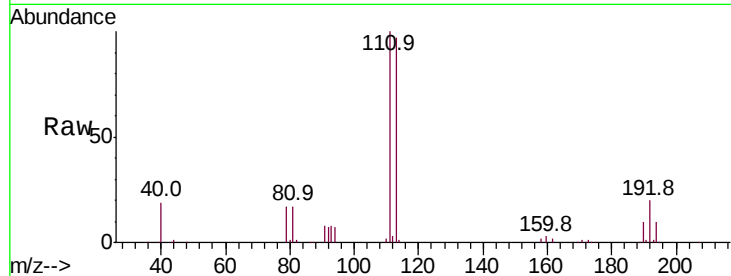




#35
 Dibromofluoromethane
 Concen: 48.878 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054509.D
 Acq: 21 Mar 2019 14:20

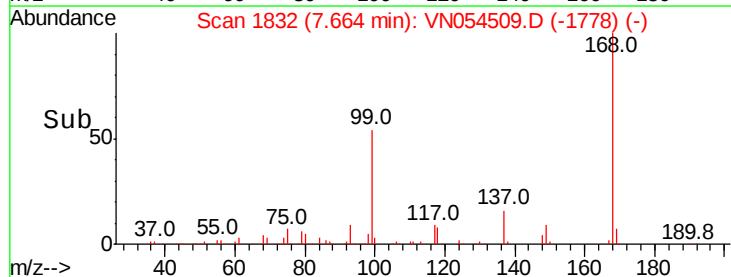
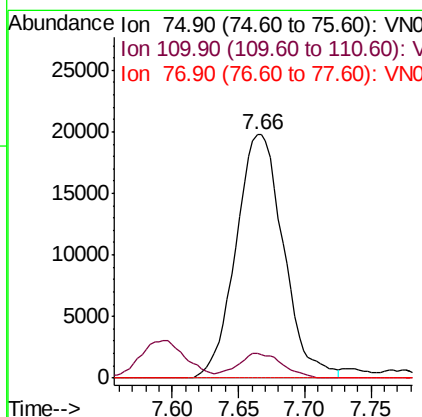
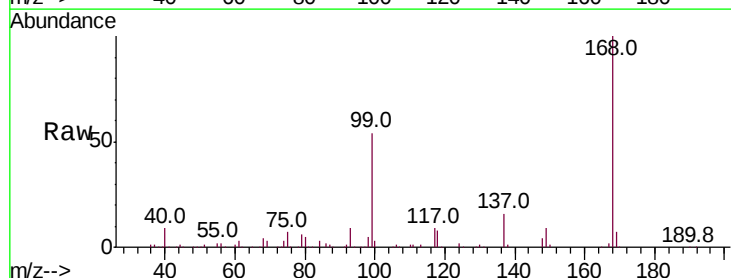
Instrument :
 MSVOA_N
 ClientSampleId :
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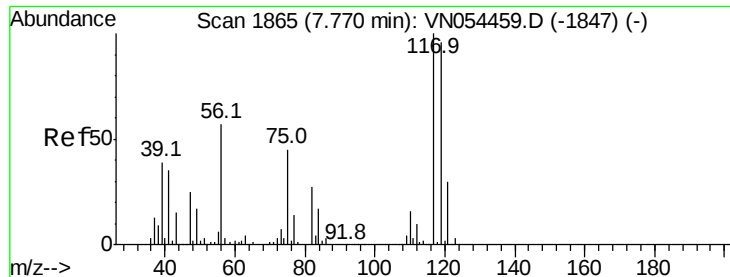
Tot Ion:113 Resp: 341445
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.4
 192 21.4 19.2 28.8



#36
 1,1-Dichloropropene
 Concen: 4.875 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054509.D
 Acq: 21 Mar 2019 14:20

Tgt Ion: 75 Resp: 49422
 Ion Ratio Lower Upper
 75 100
 110 9.8 19.1 57.5#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.405 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.10 min

Lab File: VN054509.D

Acq: 21 Mar 2019 14:20

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

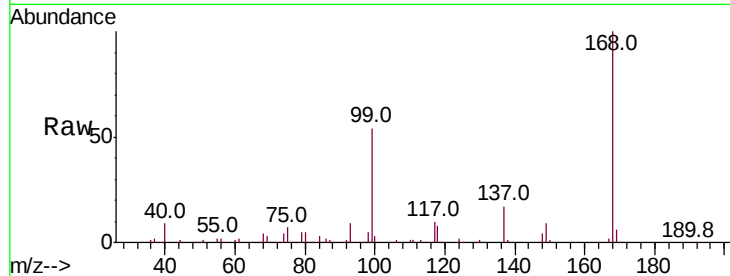
Tot Ion:117 Resp: 63108

Ion Ratio Lower Upper

117 100

119 4.8 76.3 114.5#

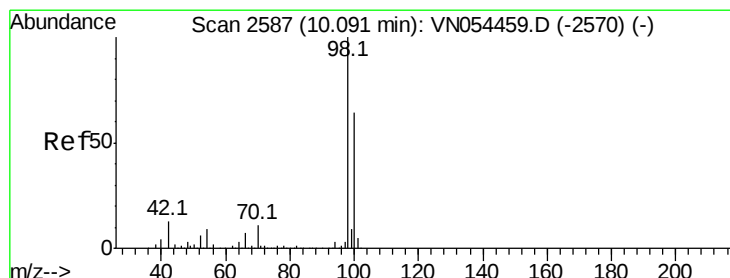
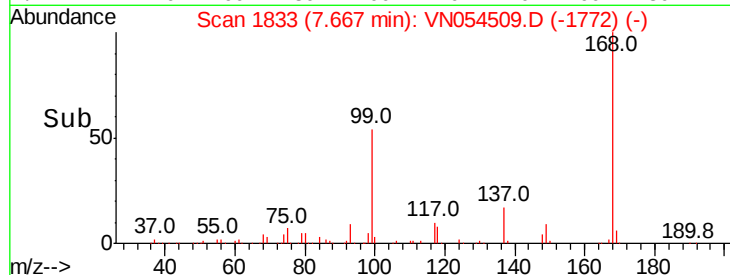
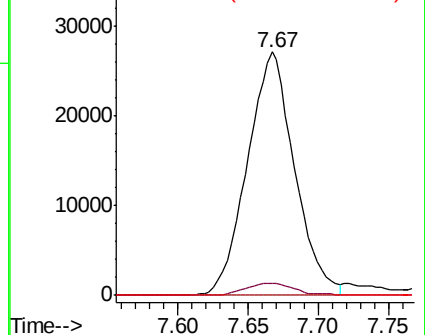
121 0.0 24.6 36.8#



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: 48.744 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054509.D

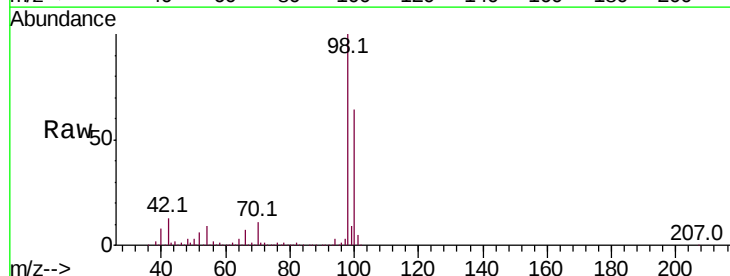
Acq: 21 Mar 2019 14:20

Tgt Ion: 98 Resp: 1280093

Ion Ratio Lower Upper

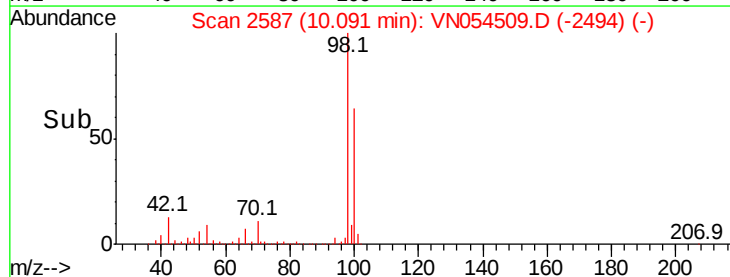
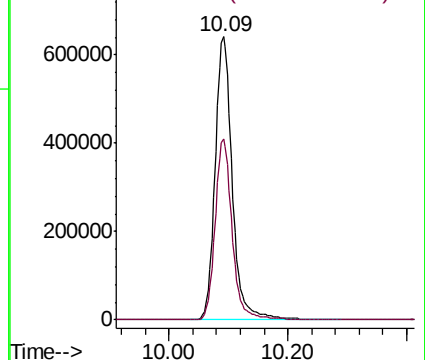
98 100

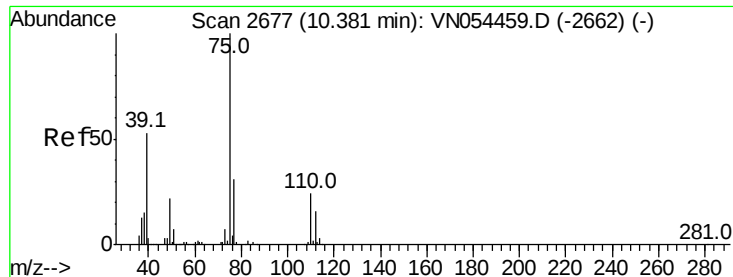
100 63.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN





#53

t-1,3-Dichloropropene

Concen: 2.264 ug/l

RT: 10.10 min Scan# 2589

Delta R.T. -0.28 min

Lab File: VN054509.D

Acq: 21 Mar 2019 14:20

Instrument :

MSVOA_N

ClientSampled :

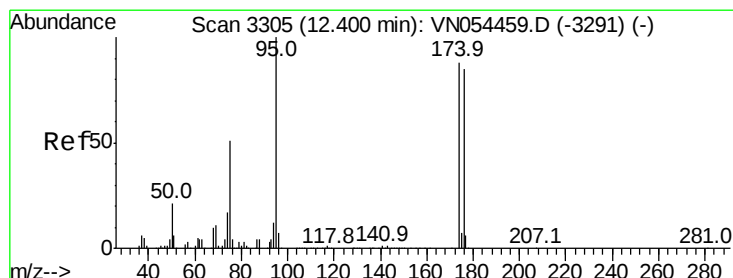
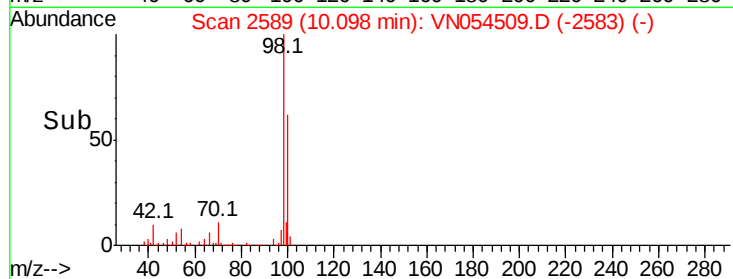
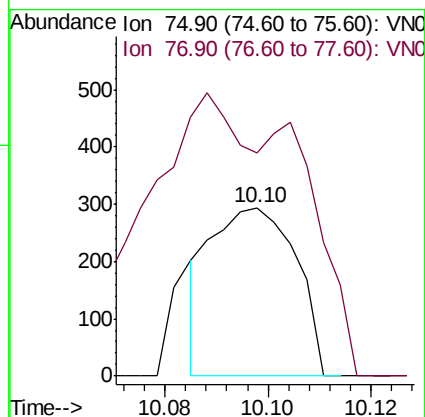
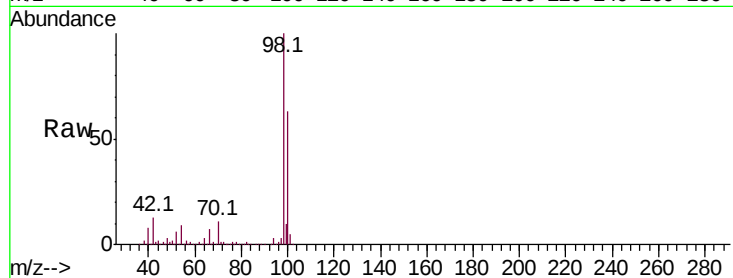
TRIP-BLANK

Tot Ion: 75 Resp: 336

Ion Ratio Lower Upper

75 100

77 78.6 25.8 38.8#



#62

4-Bromofluorobenzene

Concen: 41.964 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054509.D

Acq: 21 Mar 2019 14:20

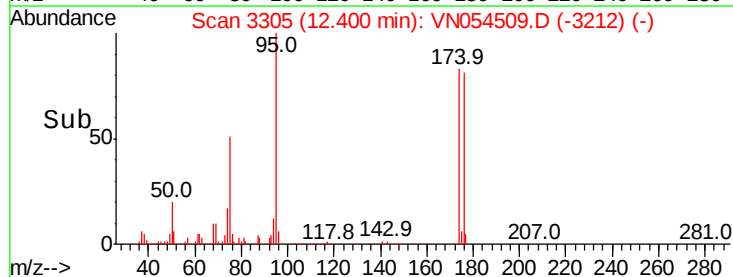
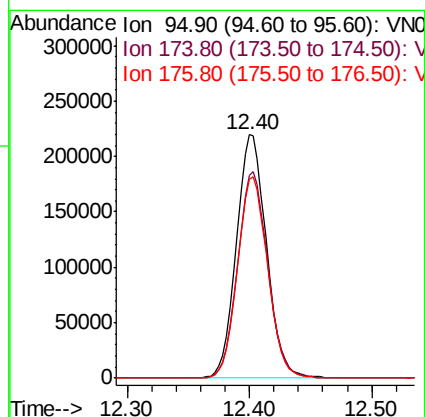
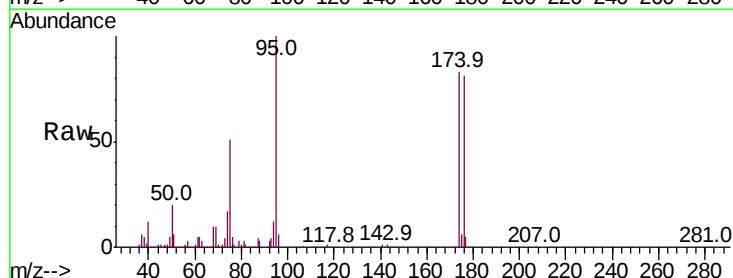
Tgt Ion: 95 Resp: 375004

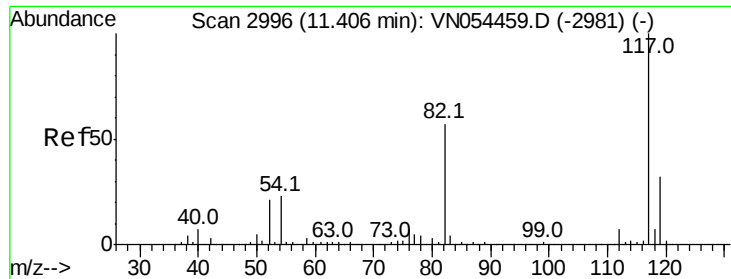
Ion Ratio Lower Upper

95 100

174 85.0 0.0 191.0

176 82.4 0.0 187.4

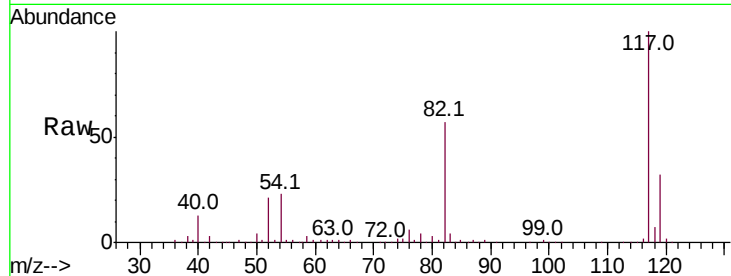




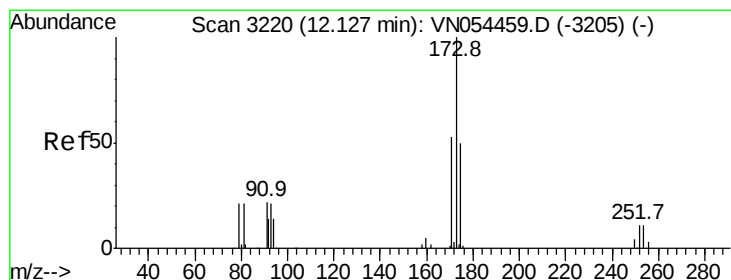
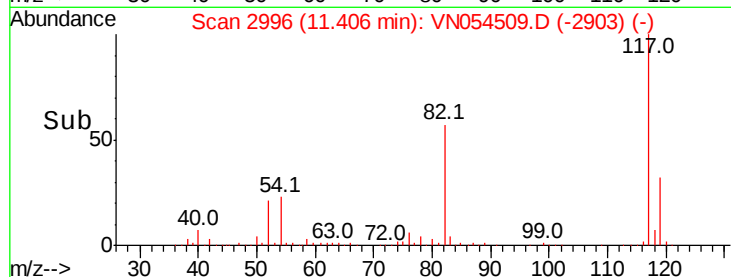
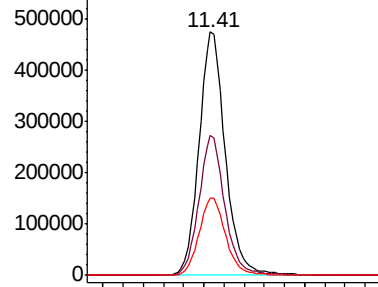
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054509.D
Acq: 21 Mar 2019 14:20

Instrument :
MSVOA_N
ClientSampled :
TRIP-BLANK

Tot Ion:117 Resp: 863823
Ion Ratio Lower Upper
117 100
82 57.4 40.0 60.0
119 32.0 25.8 38.6

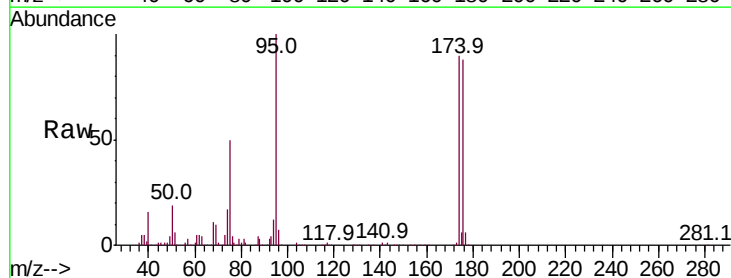


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

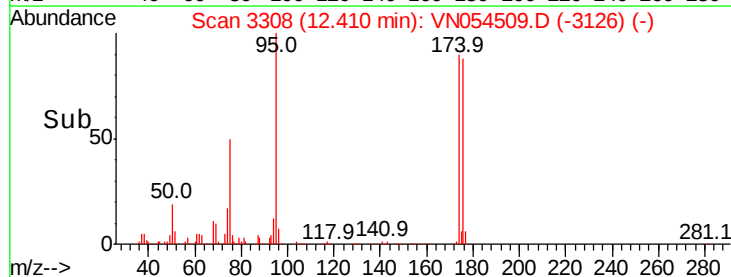
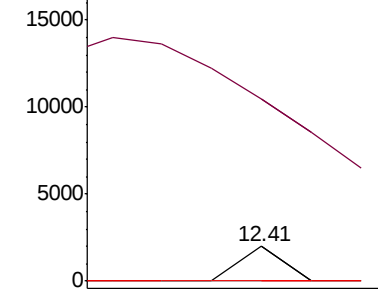


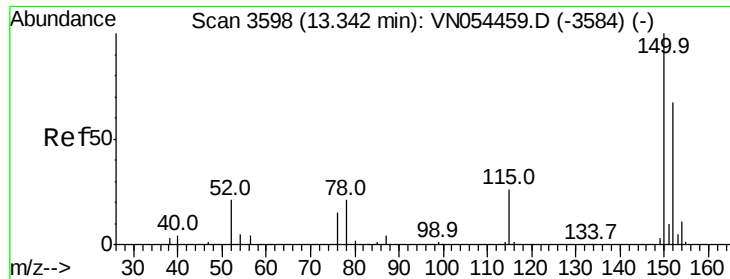
#71
Bromoform
Concen: 2.305 ug/l
RT: 12.41 min Scan# 3308
Delta R.T. 0.28 min
Lab File: VN054509.D
Acq: 21 Mar 2019 14:20

Tgt Ion:173 Resp: 387
Ion Ratio Lower Upper
173 100
175 5307.5 24.4 73.2#
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# 3599

Delta R.T. 0.00 min

Lab File: VN054509.D

Acq: 21 Mar 2019 14:20

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

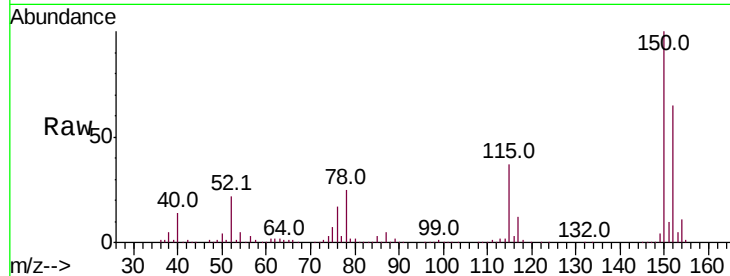
Tot Ion:152 Resp: 300670

Ion Ratio Lower Upper

152 100

115 57.1 27.2 81.6

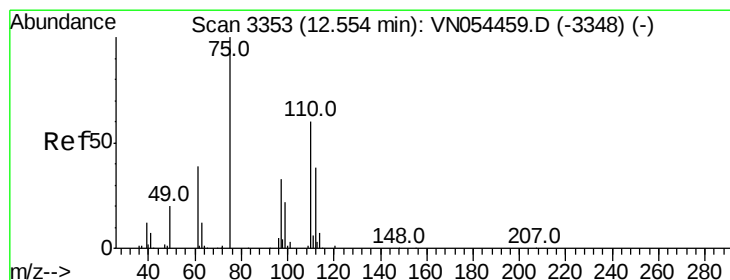
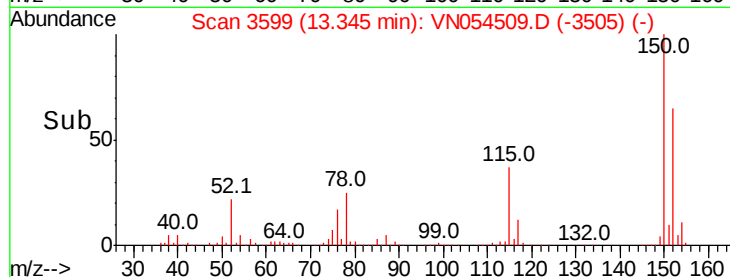
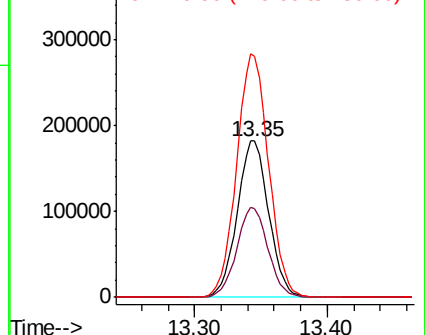
150 157.6 0.0 349.2



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: 39.928 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054509.D

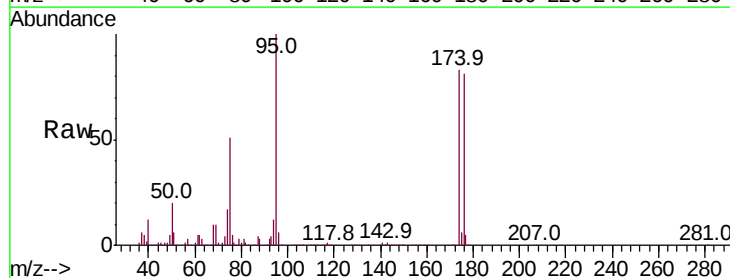
Acq: 21 Mar 2019 14:20

Tgt Ion: 75 Resp: 190505

Ion Ratio Lower Upper

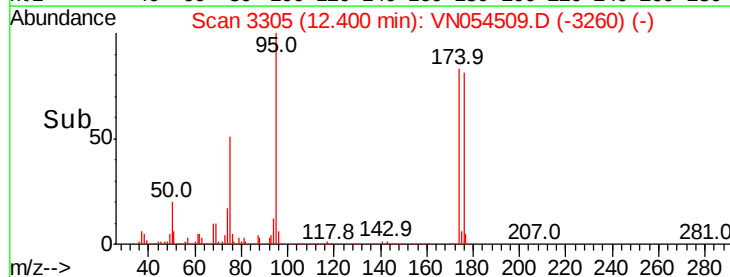
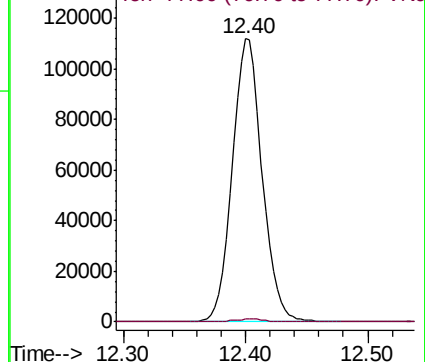
75 100

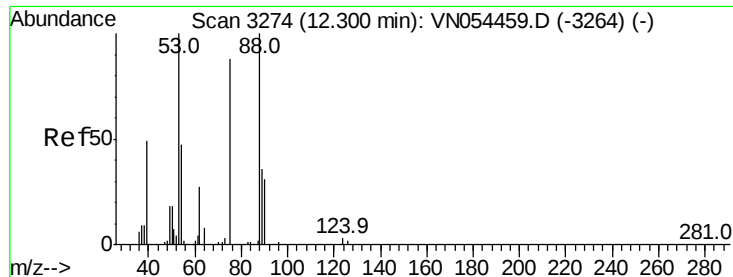
77 1.0 0.0 0.0#



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: 132.087 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054509.D

Acq: 21 Mar 2019 14:20

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

Tot Ion: 75 Resp: 190505

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

89 0.0 39.2 58.8#

