

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032119\
 Data File : VN054508.D
 Acq On : 21 Mar 2019 13:53
 Operator : JC/SP
 Sample : K2019-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-190319

Quant Time: Mar 22 10:14:13 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

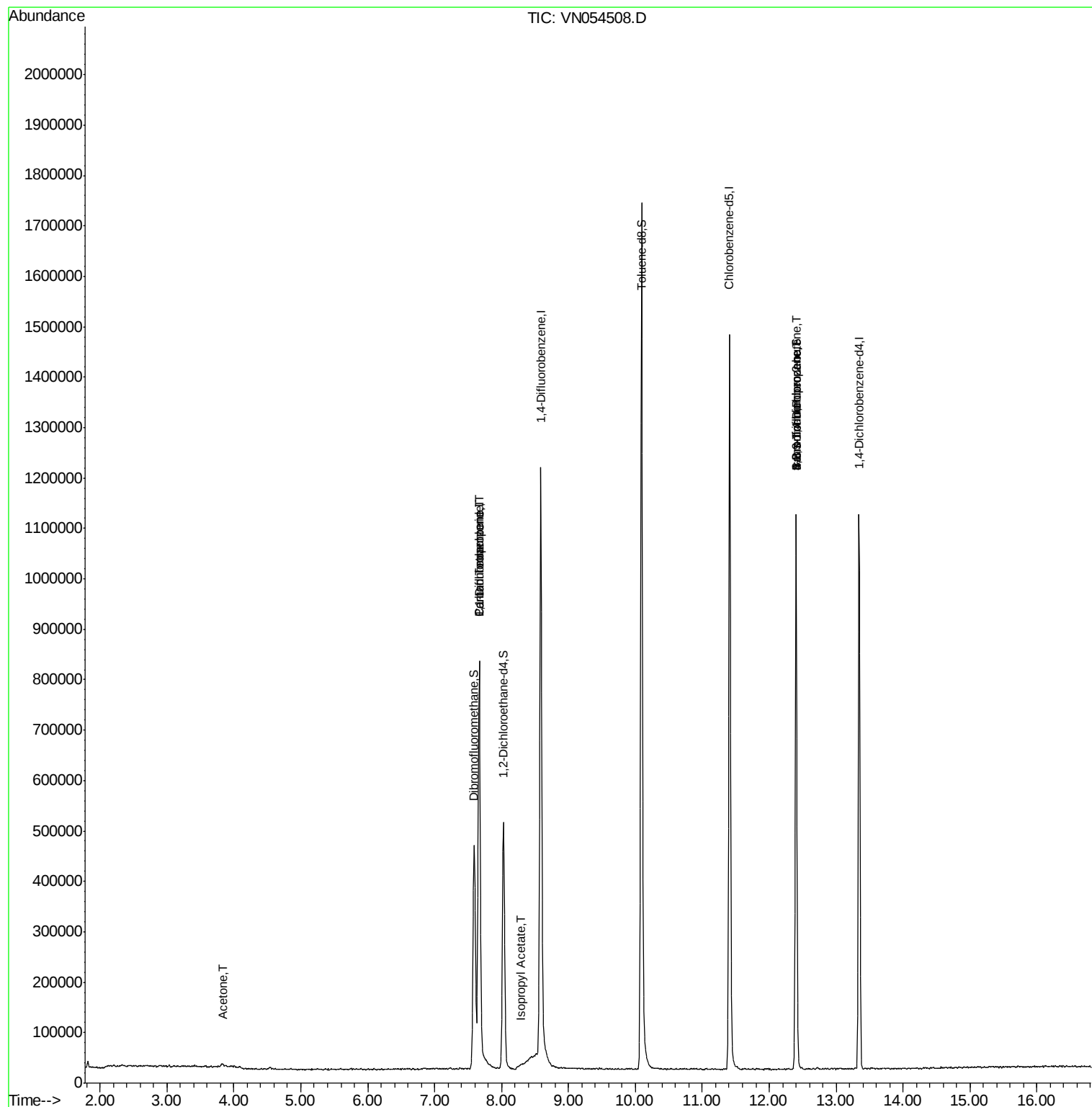
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	715764	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1100224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	876584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	302887	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	431593	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
35) Dibromofluoromethane	7.59	113	342030	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
50) Toluene-d8	10.09	98	1279725	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.04%	
62) 4-Bromofluorobenzene	12.40	95	376140	41.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.96%	
Target Compounds						
					Qvalue	
16) Acetone	3.82	43	7183	2.684	ug/l	97
31) Cyclohexane	7.66	56	13811	Below Cal	#	10
36) 1,1-Dichloropropene	7.67	75	50362	4.896	ug/l #	42
38) Carbon Tetrachloride	7.66	117	64171	6.419	ug/l #	16
43) Isopropyl Acetate	8.28	43	8825	0.714	ug/l #	60
71) Bromoform	12.40	173	1968	2.647	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	194257	40.417	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	194257	133.664	ug/l #	11

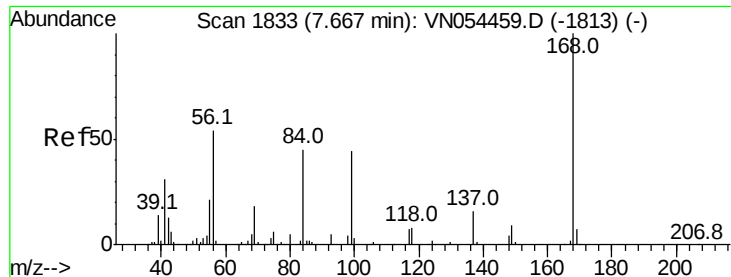
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032119\
Data File : VN054508.D
Acq On : 21 Mar 2019 13:53
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TB-01-190319

Quant Time: Mar 22 10:14:13 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054508.D

Acq: 21 Mar 2019 13:53

Instrument :

MSVOA_N

ClientSampleId :

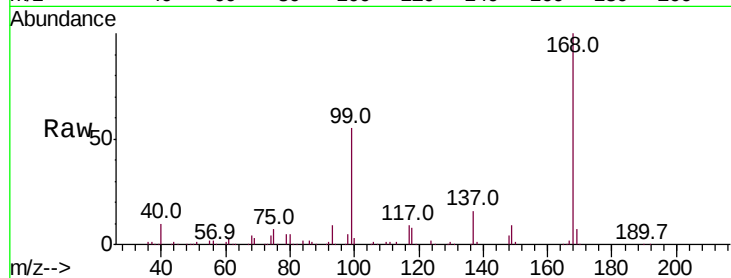
TB-01-190319

Tot Ion:168 Resp: 715764

Ion Ratio Lower Upper

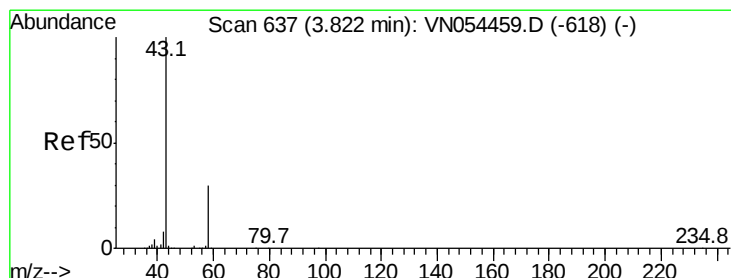
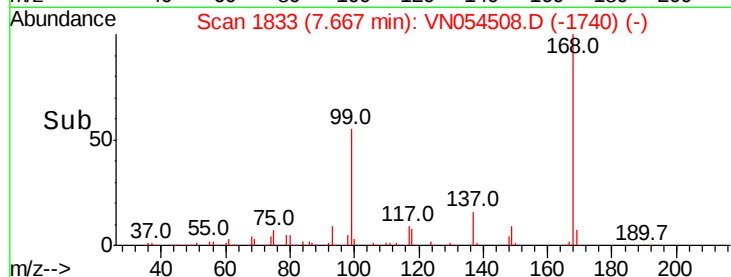
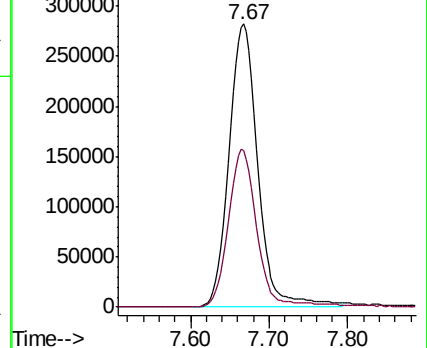
168 100

99 55.2 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 2.684 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054508.D

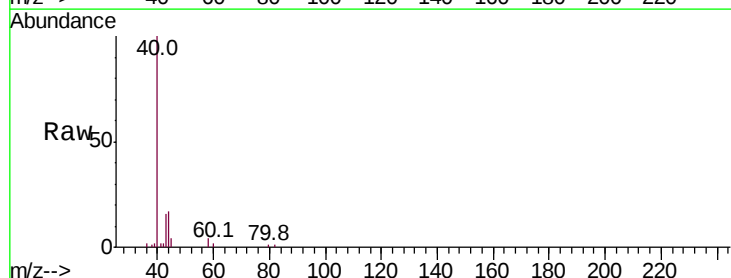
Acq: 21 Mar 2019 13:53

Tgt Ion: 43 Resp: 7183

Ion Ratio Lower Upper

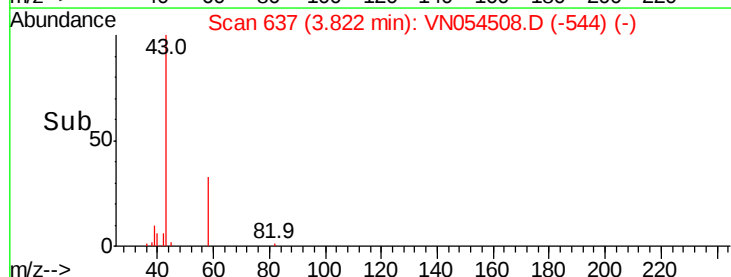
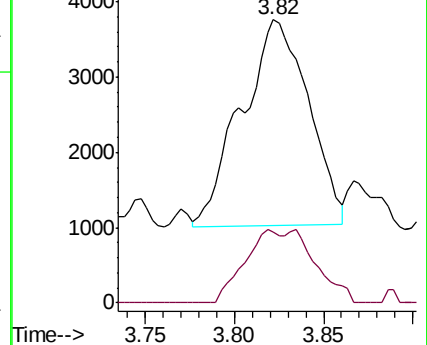
43 100

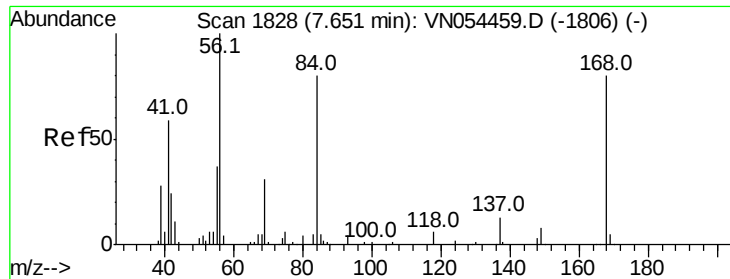
58 35.4 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

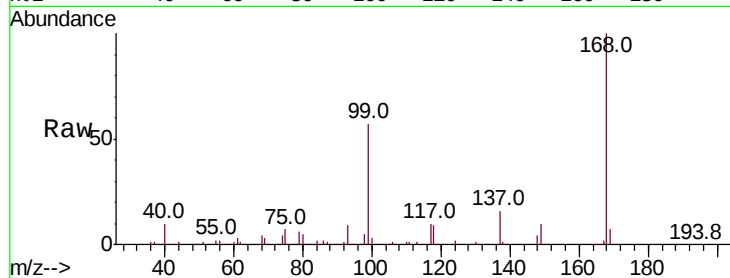




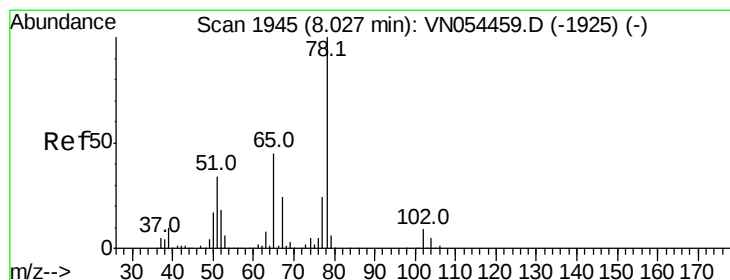
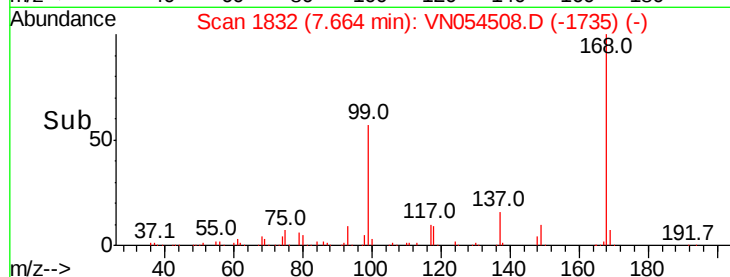
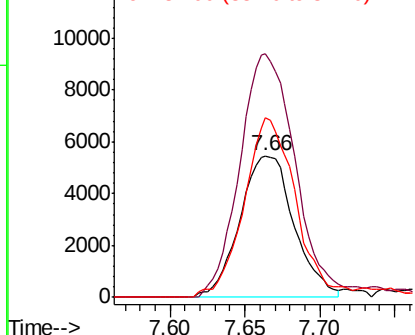
#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054508.D
Acq: 21 Mar 2019 13:53

Instrument :
MSVOA_N
ClientSampleId :
TB-01-190319

Tot Ion: 56 Resp: 13811
Ion Ratio Lower Upper
56 100
69 171.9 27.8 41.6#
84 126.4 74.6 111.8#

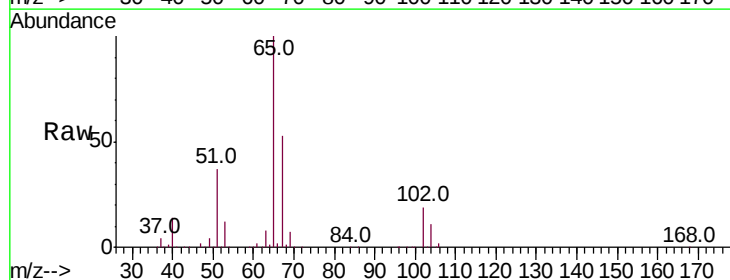


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

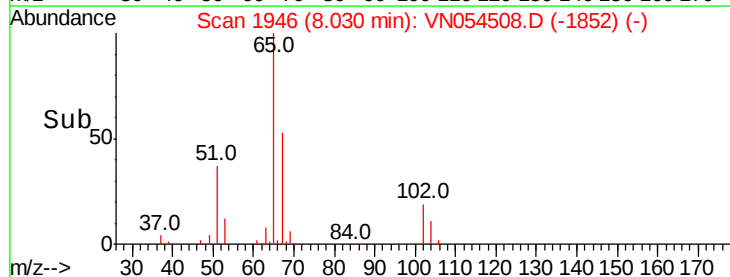
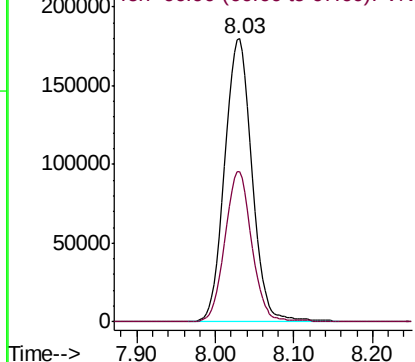


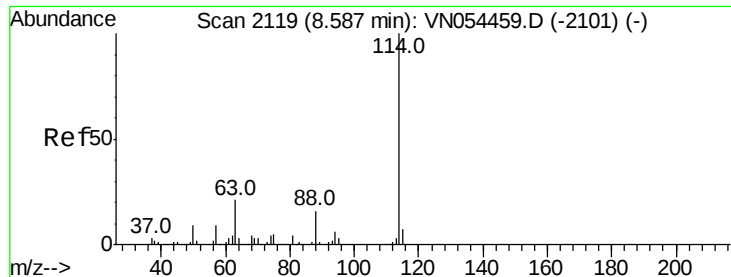
#33
1,2-Dichloroethane-d4
Concen: 48.477 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054508.D
Acq: 21 Mar 2019 13:53

Tgt Ion: 65 Resp: 431593
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

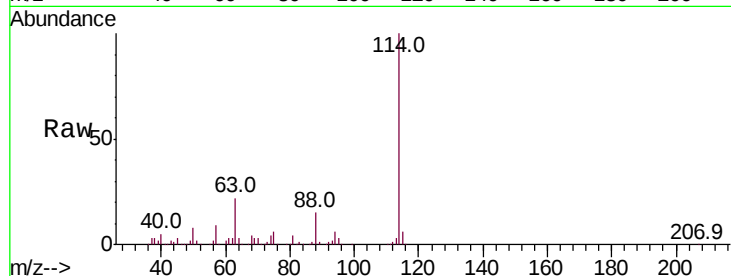




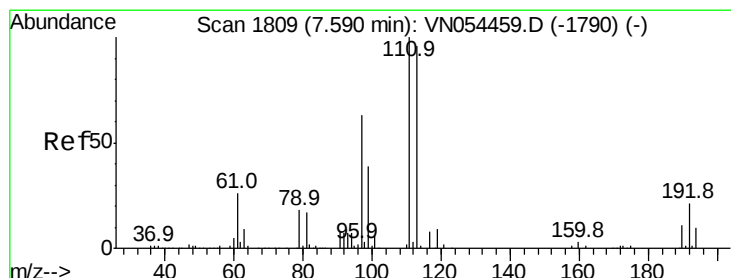
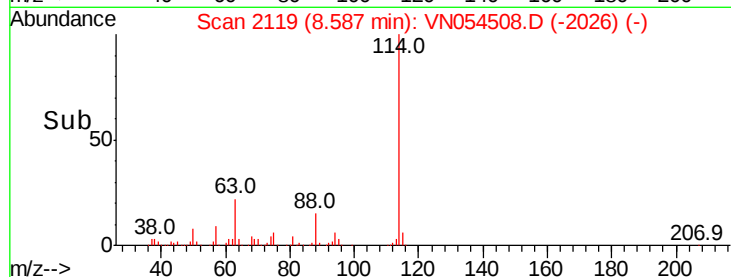
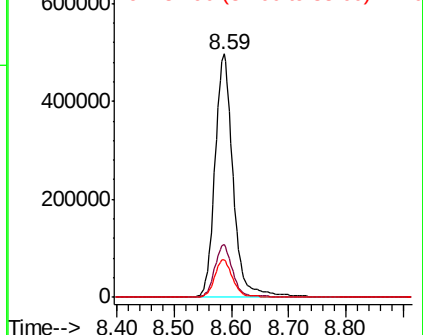
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN054508.D
Acq: 21 Mar 2019 13:53

Instrument :
MSVOA_N
ClientSampleId :
TB-01-190319

Tot Ion:114 Resp: 1100224
Ion Ratio Lower Upper
114 100
63 21.6 0.0 35.2
88 15.5 0.0 30.2

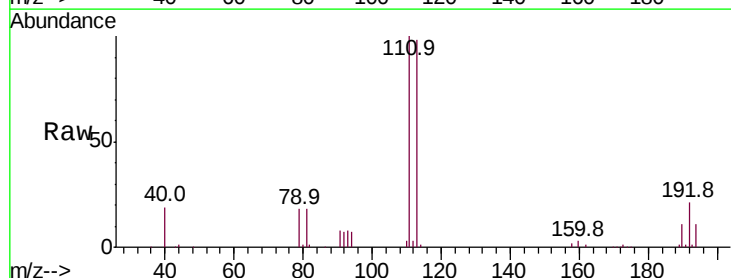


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

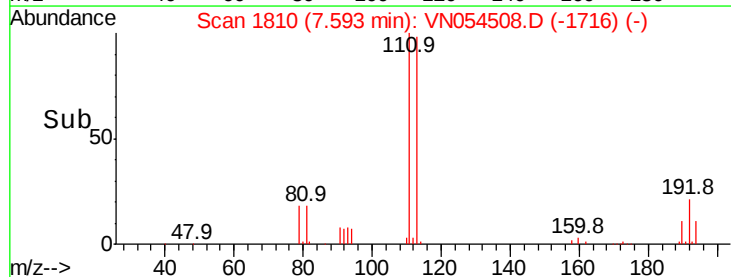
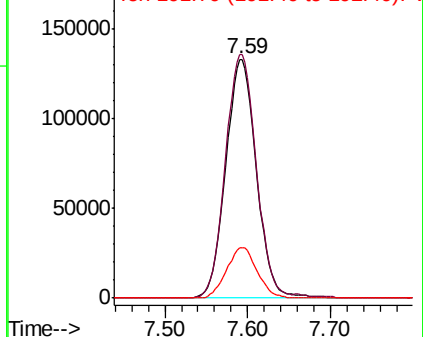


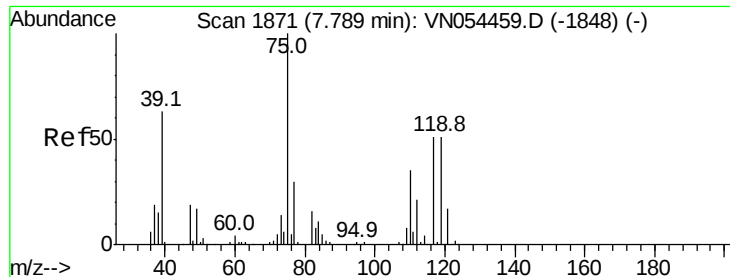
#35
Dibromofluoromethane
Concen: 48.254 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054508.D
Acq: 21 Mar 2019 13:53

Tgt Ion:113 Resp: 342030
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 21.1 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

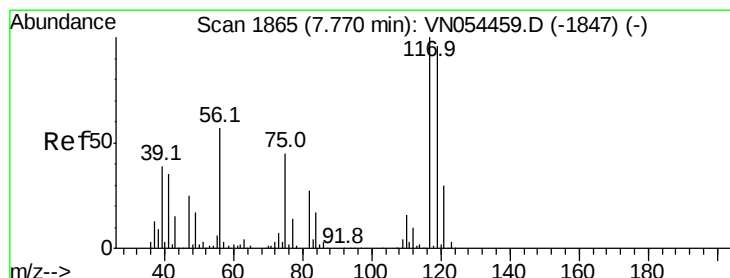
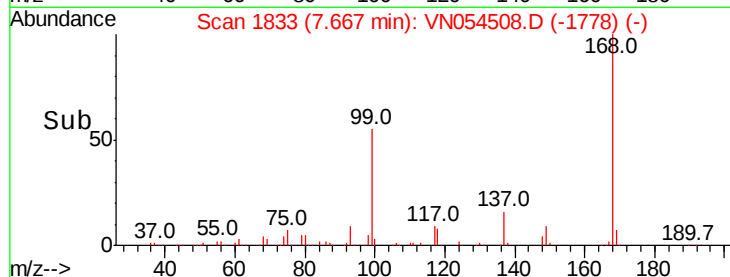
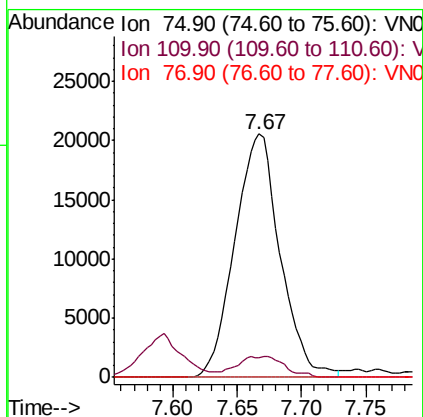
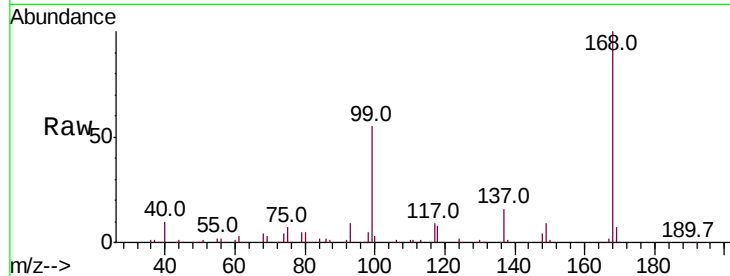




#36
 1,1-Dichloropropene
 Concen: 4.896 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN054508.D
 Acq: 21 Mar 2019 13:53

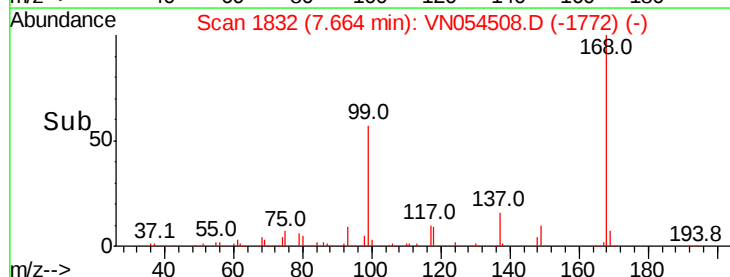
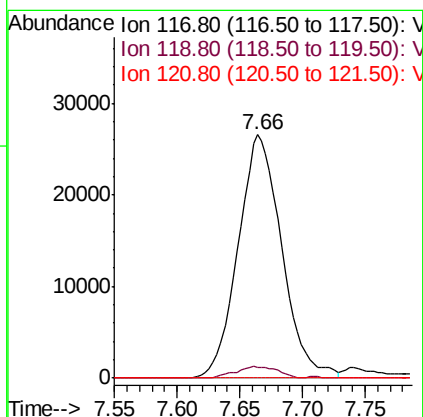
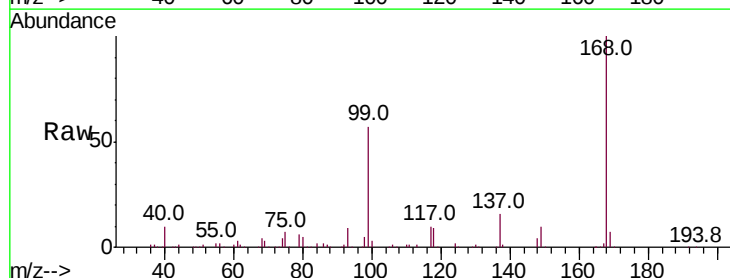
Instrument :
 MSVOA_N
 ClientSampleID :
 TB-01-190319

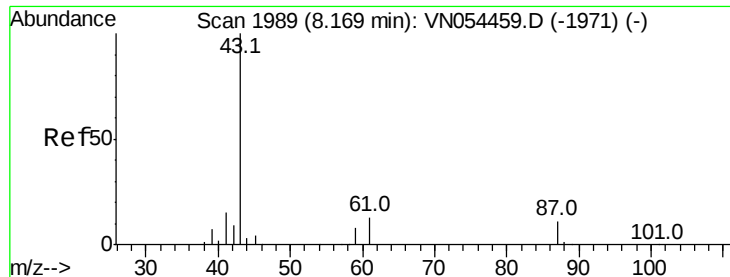
Tot Ion	Ratio	Lower	Upper
75	100		
110	2.9	19.1	57.5#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.419 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN054508.D
 Acq: 21 Mar 2019 13:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.3	114.5#
121	0.0	24.6	36.8#





#43

Isopropyl Acetate

Concen: 0.714 ug/l

RT: 8.28 min Scan# 2023

Delta R.T. 0.11 min

Lab File: VN054508.D

Acq: 21 Mar 2019 13:53

Instrument :

MSVOA_N

ClientSampleId :

TB-01-190319

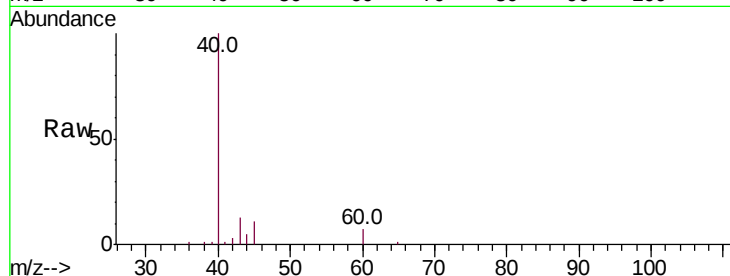
Tot Ion: 43 Resp: 8825

Ion Ratio Lower Upper

43 100

61 0.0 15.8 23.8#

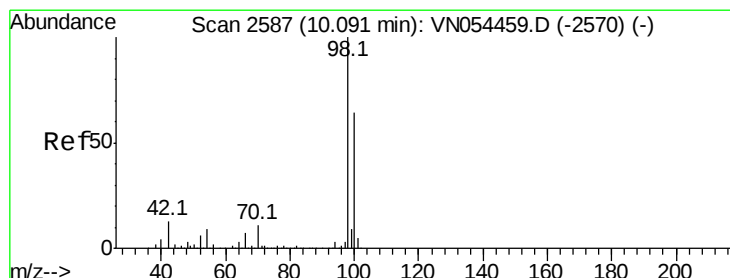
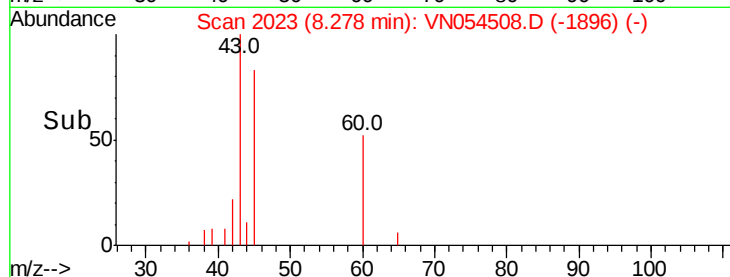
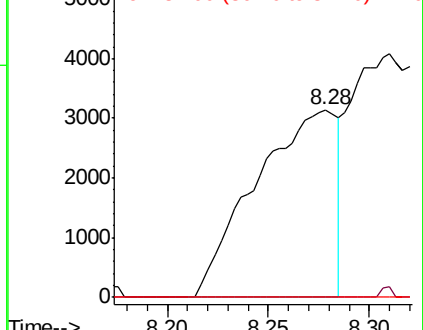
87 0.0 12.0 18.0#



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: 48.025 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054508.D

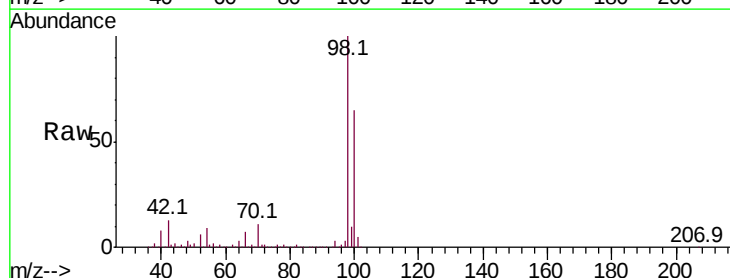
Acq: 21 Mar 2019 13:53

Tgt Ion: 98 Resp: 1279725

Ion Ratio Lower Upper

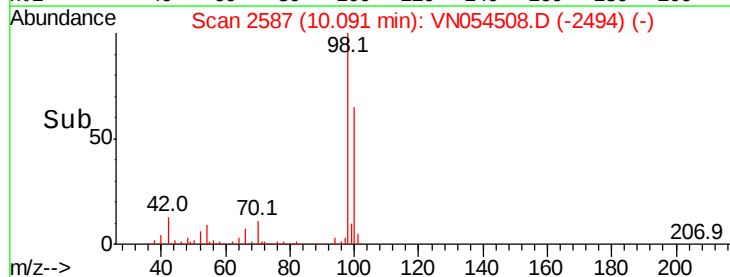
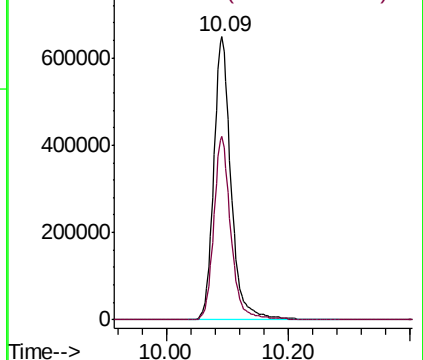
98 100

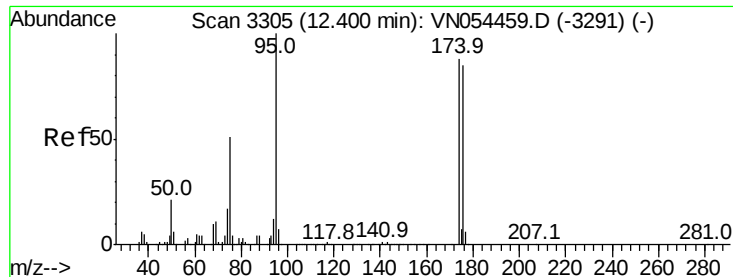
100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VNO

Ion 100.00 (99.70 to 100.70): VNO





#62

4-Bromofluorobenzene

Concen: 41.482 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054508.D

Acq: 21 Mar 2019 13:53

Instrument :

MSVOA_N

ClientSampleId :

TB-01-190319

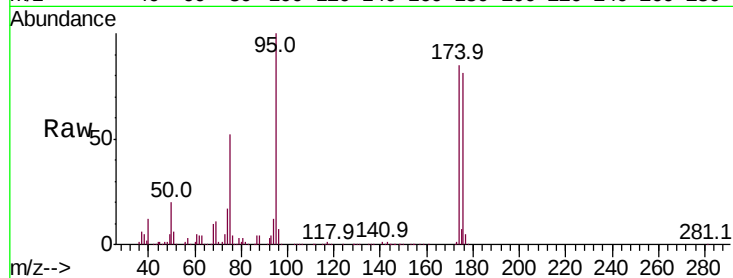
Tot Ion: 95 Resp: 376140

Ion Ratio Lower Upper

95 100

174 85.2 0.0 191.0

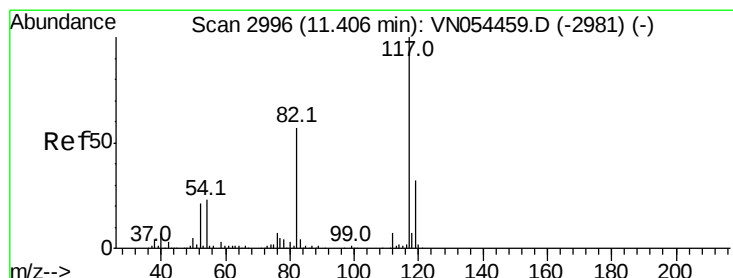
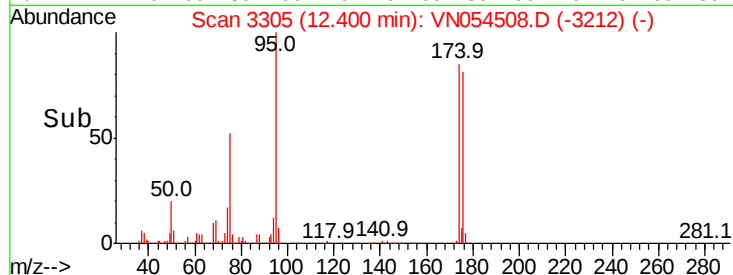
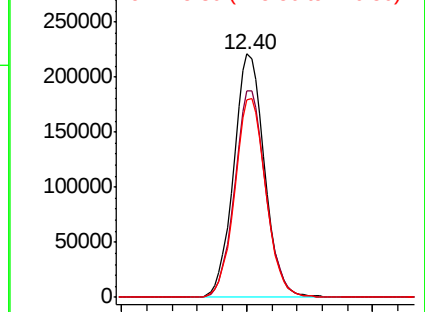
176 82.4 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054459.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054459.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054459.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054508.D

Acq: 21 Mar 2019 13:53

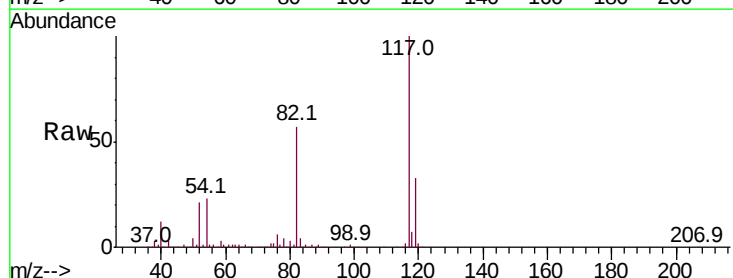
Tgt Ion: 117 Resp: 876584

Ion Ratio Lower Upper

117 100

82 56.8 40.0 60.0

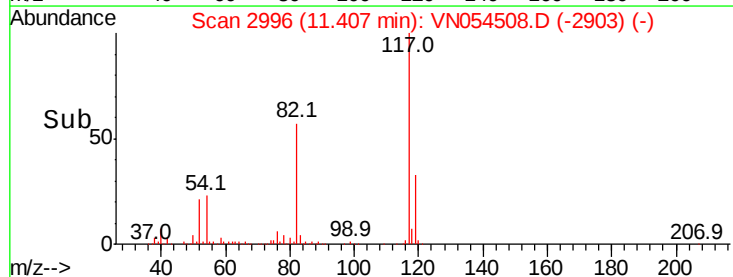
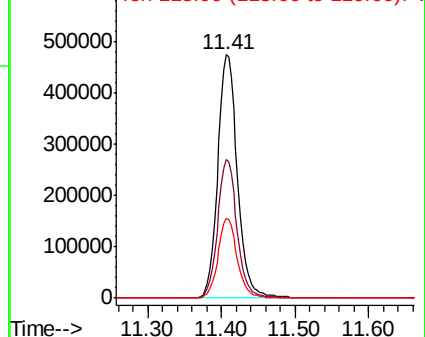
119 32.9 25.8 38.6

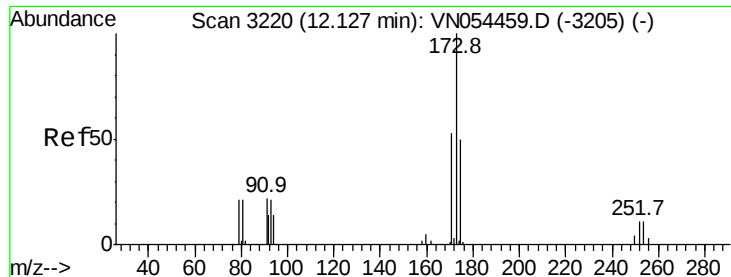


Abundance Ion 116.90 (116.60 to 117.60): VN054459.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN054459.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN054459.D (-2981) (-)





#71

Bromoform

Concen: 2.647 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN054508.D

Acq: 21 Mar 2019 13:53

Instrument :

MSVOA_N

ClientSampleId :

TB-01-190319

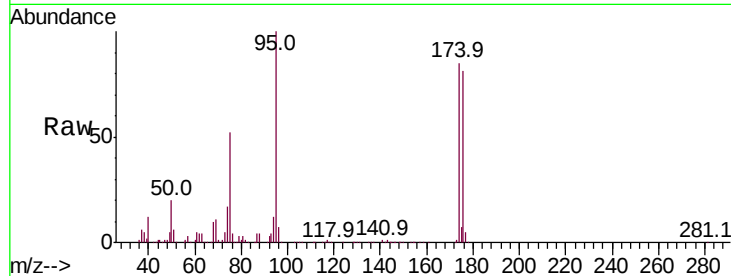
Tot Ion:173 Resp: 1968

Ion Ratio Lower Upper

173 100

175 1061.0 24.4 73.2#

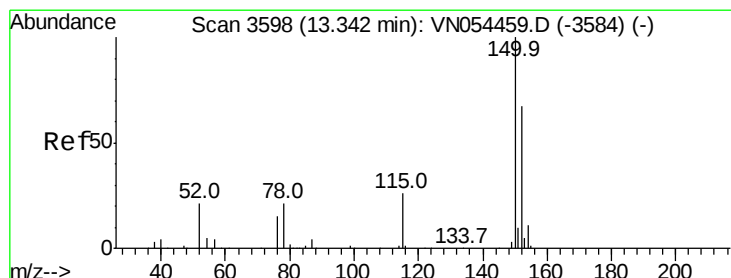
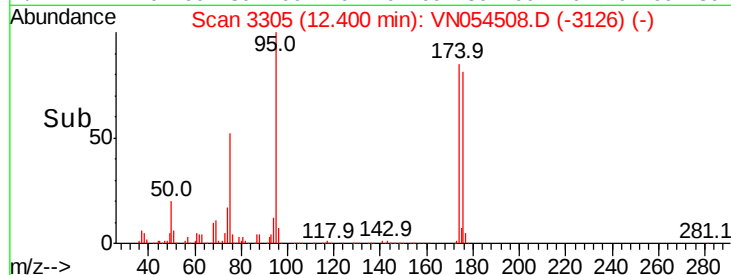
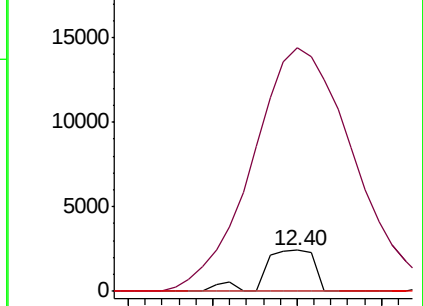
254 0.0 0.1 0.1#



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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054508.D

Acq: 21 Mar 2019 13:53

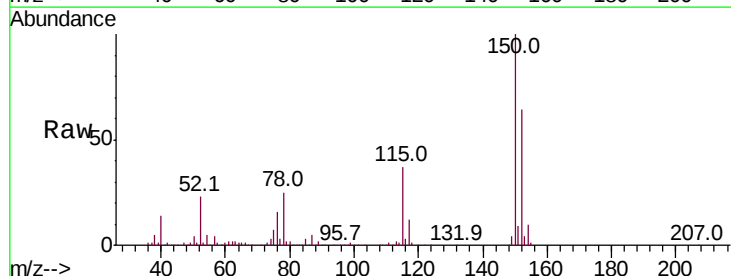
Tgt Ion:152 Resp: 302887

Ion Ratio Lower Upper

152 100

115 57.2 27.2 81.6

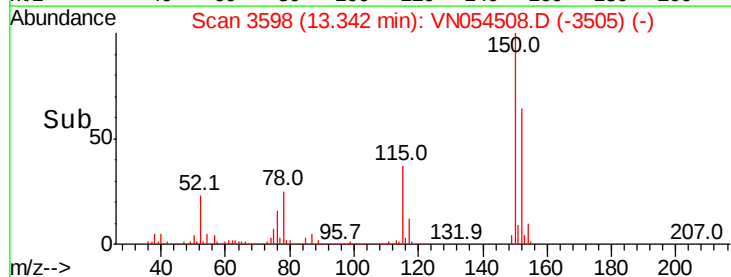
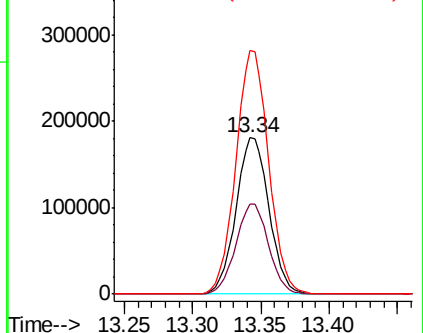
150 154.9 0.0 349.2

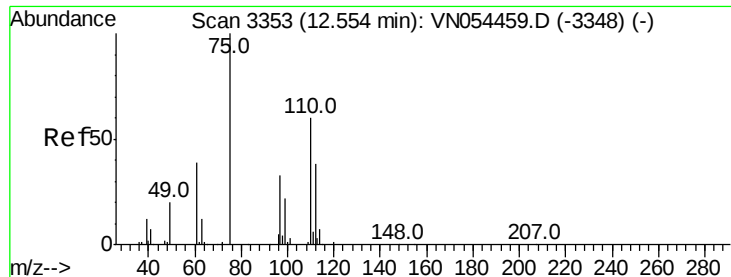


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 40.417 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054508.D

Acq: 21 Mar 2019 13:53

Instrument :

MSVOA_N

ClientSampled :

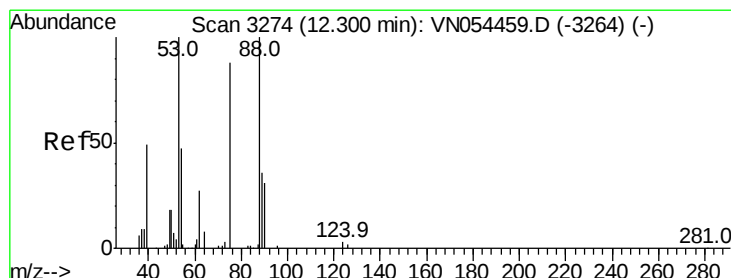
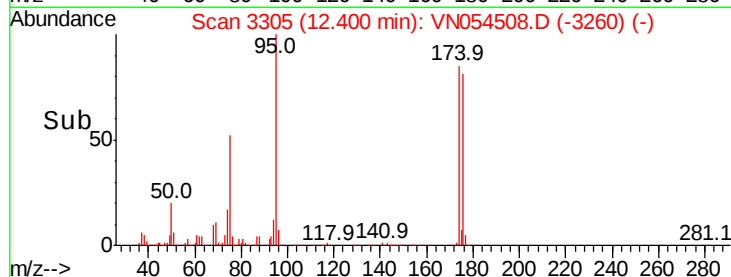
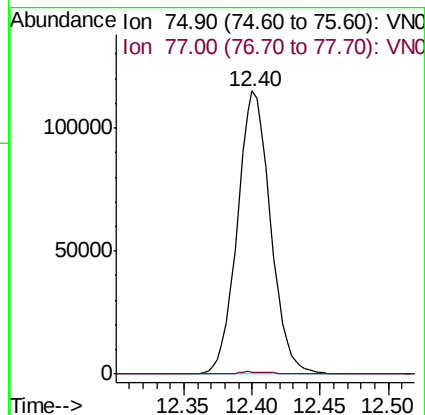
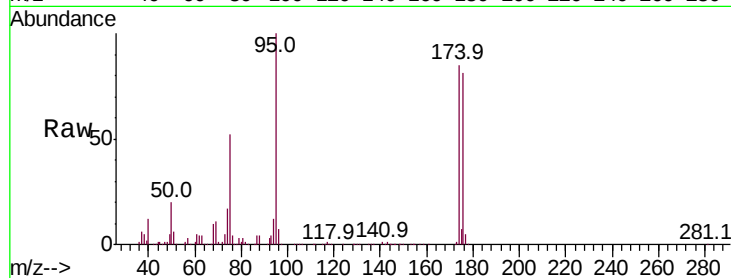
TB-01-190319

Tot Ion: 75 Resp: 194257

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 133.664 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054508.D

Acq: 21 Mar 2019 13:53

Tgt Ion: 75 Resp: 194257

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

89 0.0 39.2 58.8#

