

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050119\
 Data File : VN055331.D
 Acq On : 1 May 2019 16:00
 Operator : JC/SP
 Sample : K2653-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MR-SUMP-PIT

Quant Time: May 02 01:52:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	357984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	624090	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	567438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	138875	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	251570	53.72	ug/l	0.00
Spiked Amount						
			Recovery	=	107.44%	
35) Dibromofluoromethane	7.59	113	207007	50.53	ug/l	0.00
Spiked Amount						
			Recovery	=	101.06%	
50) Toluene-d8	10.09	98	767586	51.89	ug/l	0.00
Spiked Amount						
			Recovery	=	103.78%	
62) 4-Bromofluorobenzene	12.40	95	224030	48.46	ug/l	0.00
Spiked Amount						
			Recovery	=	96.92%	

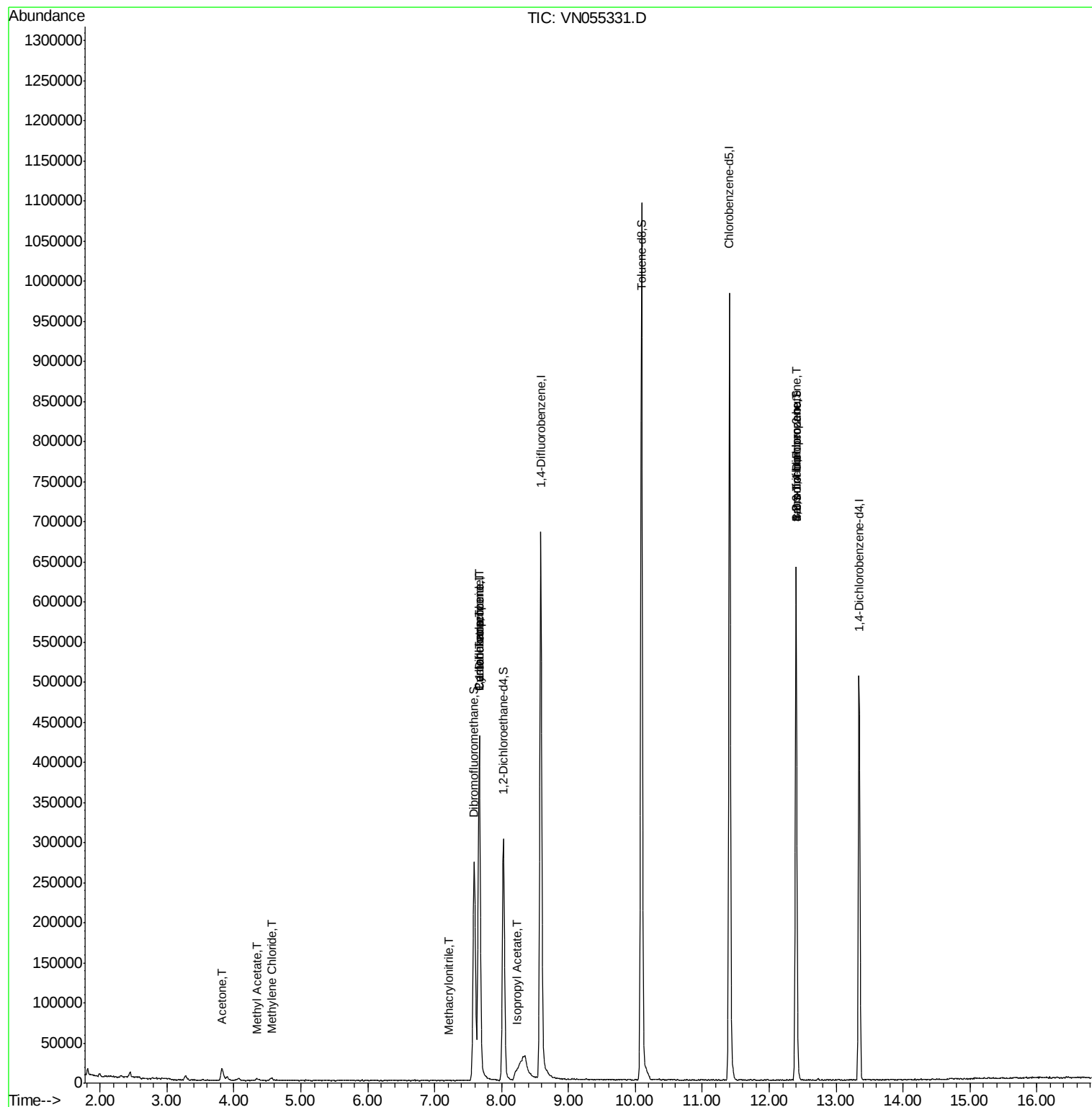
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	26795	18.362	ug/l	100
18) Methyl Acetate	4.35	43	4511	0.238	ug/l #	66
20) Methylene Chloride	4.56	84	1814	0.407	ug/l #	63
31) Cyclohexane	7.67	56	7907	1.073	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	27412	4.586	ug/l #	50
38) Carbon Tetrachloride	7.66	117	34476	5.979	ug/l #	17
41) Methacrylonitrile	7.21	41	33	0.753	ug/l #	23
43) Isopropyl Acetate	8.22	43	9516	1.292	ug/l #	56
71) Bromoform	12.40	173	2125	0.882	ug/l #	1
73) Isopropylbenzene	12.24	105	31	Below Cal	#	49
75) 1,1,2,2-Tetrachloroethane	12.39	83	59	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	118511	45.694	ug/l #	100
79) 2-Chlorotoluene	12.40	91	763	Below Cal	#	42
81) trans-1,4-Dichloro-2-buten	12.40	75	118511	161.718	ug/l #	7

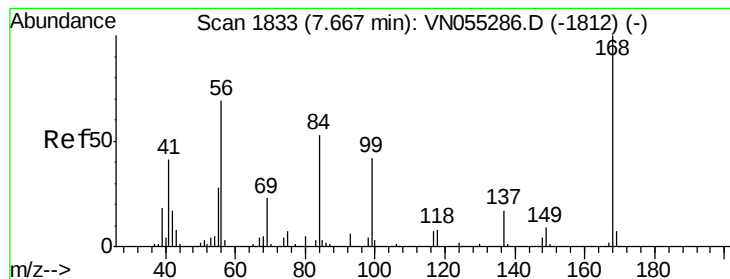
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
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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: VN055331.D

Acq: 1 May 2019 16:00

Instrument :

MSVOA_N

ClientSampleId :

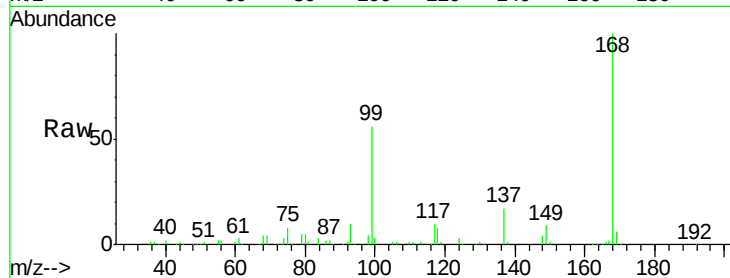
MR-SUMP-PIT

Tot Ion:168 Resp: 357984

Ion Ratio Lower Upper

168 100

99 55.7 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055331.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN055331.D (-1740) (-)

7.67

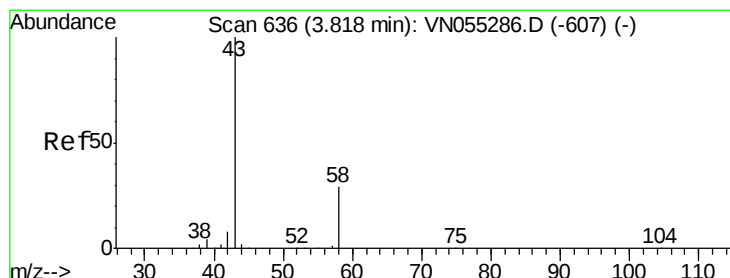
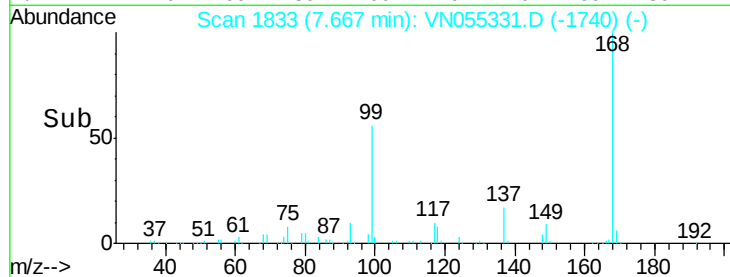
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 18.362 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN055331.D

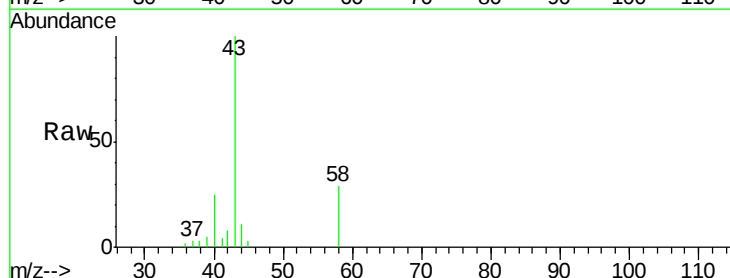
Acq: 1 May 2019 16:00

Tgt Ion: 43 Resp: 26795

Ion Ratio Lower Upper

43 100

58 29.5 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN055331.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN055331.D (-543) (-)

3.82

10000

8000

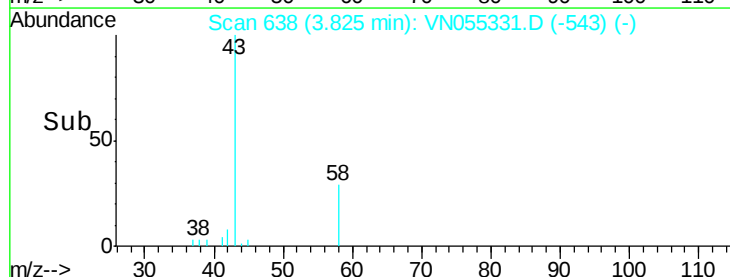
6000

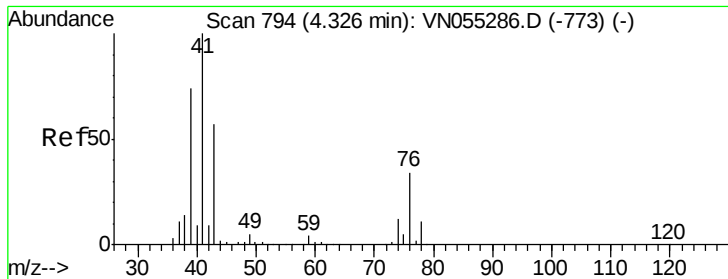
4000

2000

0

Time-->

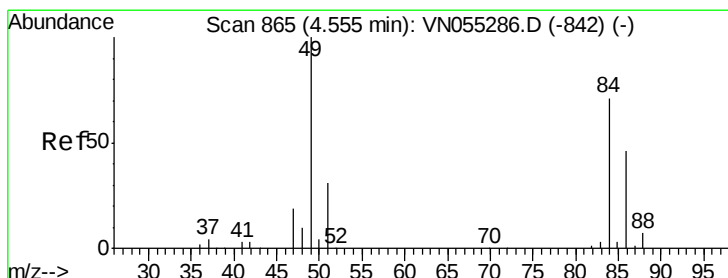
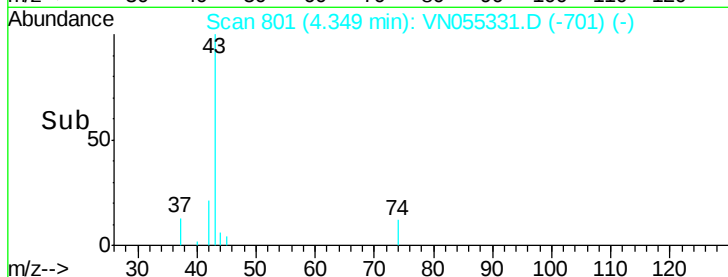
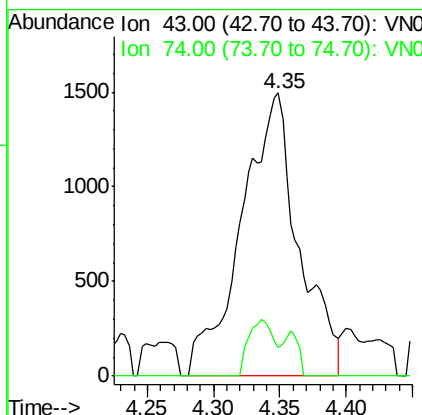
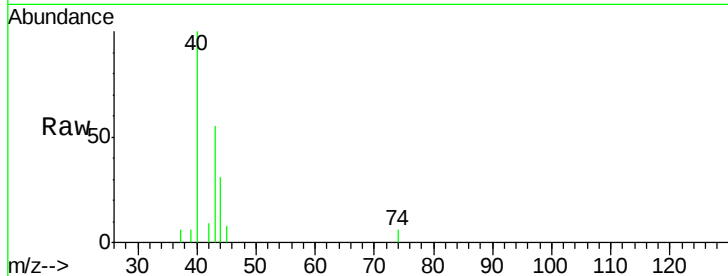




#18
Methyl Acetate
Concen: 0.238 ug/l
RT: 4.35 min Scan# 801
Delta R.T. 0.02 min
Lab File: VN055331.D
Acq: 1 May 2019 16:00

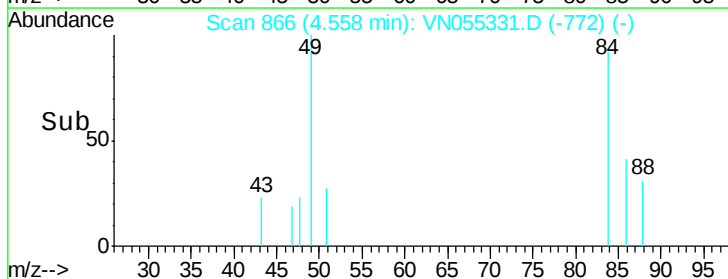
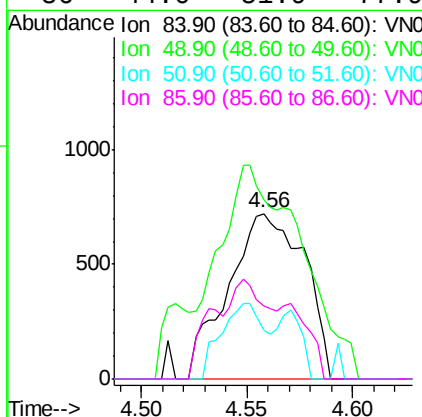
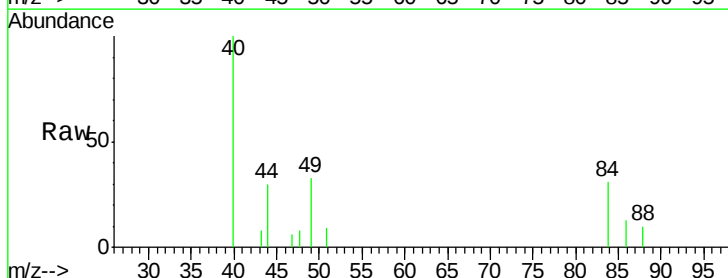
Instrument :
MSVOA_N
ClientSampled :
MR-SUMP-PIT

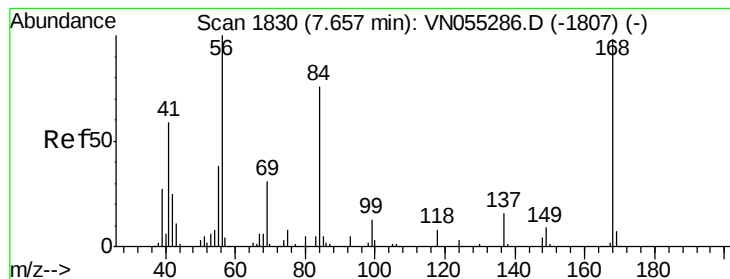
Tot Ion: 43 Resp: 4511
Ion Ratio Lower Upper
43 100
74 4.2 15.8 23.8#



#20
Methylene Chloride
Concen: 0.407 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN055331.D
Acq: 1 May 2019 16:00

Tgt Ion: 84 Resp: 1814
Ion Ratio Lower Upper
84 100
49 82.5 112.4 168.6#
51 29.5 34.6 51.8#
86 44.0 51.9 77.9#





#31

Cyclohexane

Concen: 1.073 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN055331.D

Acq: 1 May 2019 16:00

Instrument :

MSVOA_N

ClientSampleId :

MR-SUMP-PIT

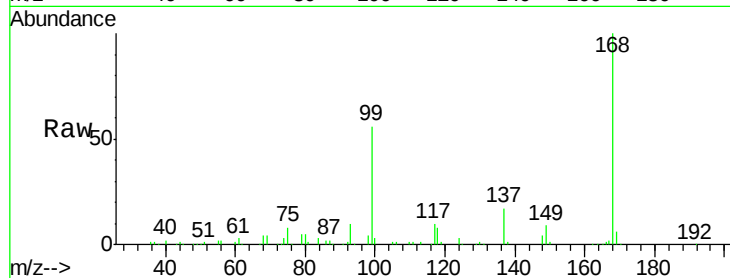
Tot Ion: 56 Resp: 7907

Ion Ratio Lower Upper

56 100

69 162.1 25.2 37.8#

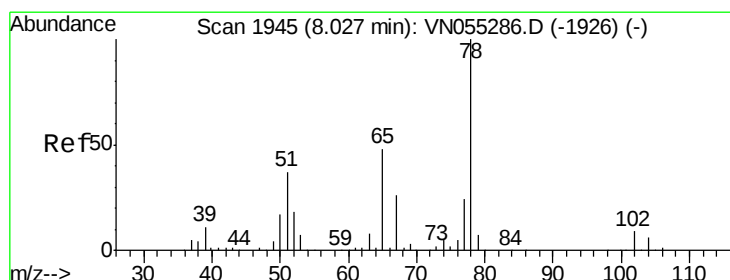
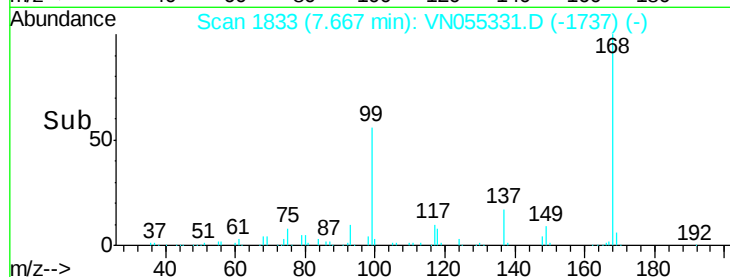
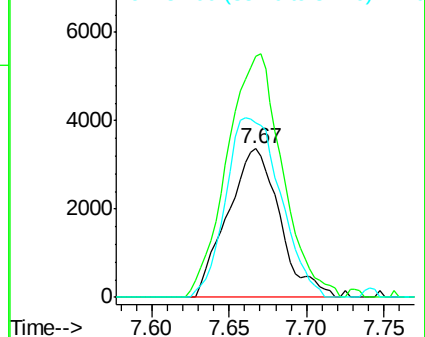
84 117.9 61.1 91.7#



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: 53.717 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055331.D

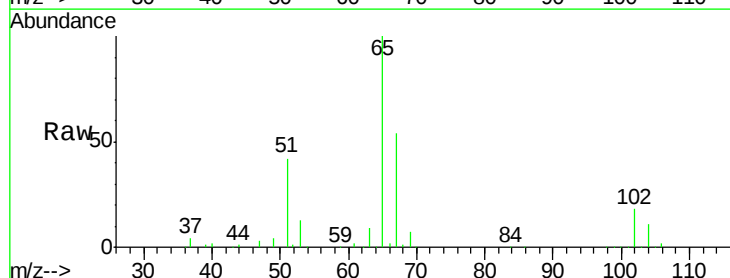
Acq: 1 May 2019 16:00

Tgt Ion: 65 Resp: 251570

Ion Ratio Lower Upper

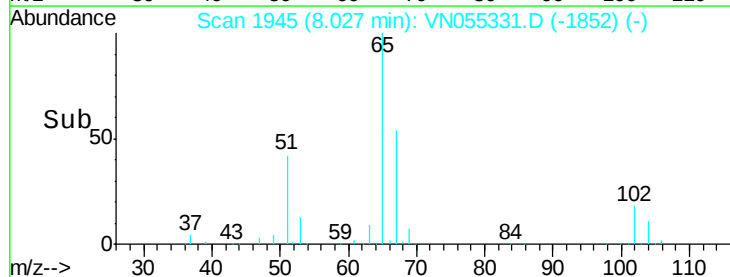
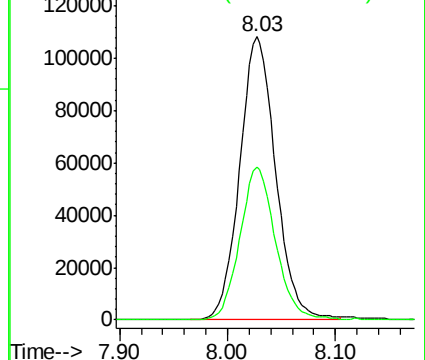
65 100

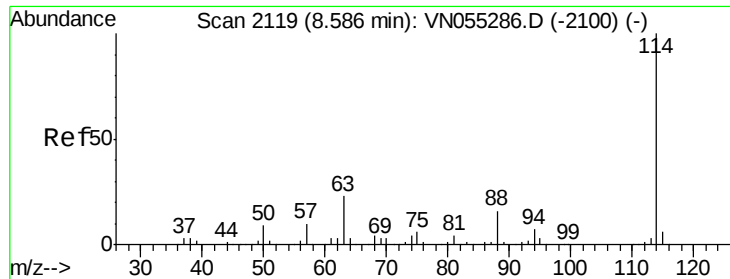
67 53.3 0.0 106.8



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: VN055331.D

Acq: 1 May 2019 16:00

Instrument :

MSVOA_N

ClientSampleId :

MR-SUMP-PIT

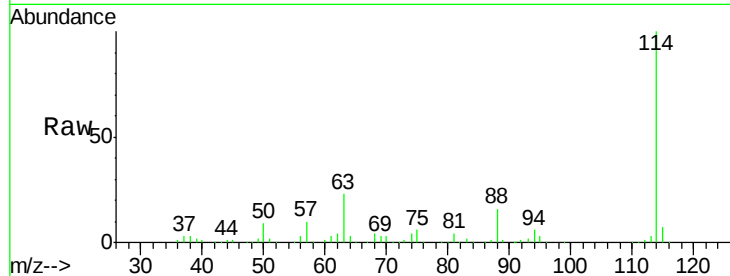
Tot Ion:114 Resp: 624090

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.2

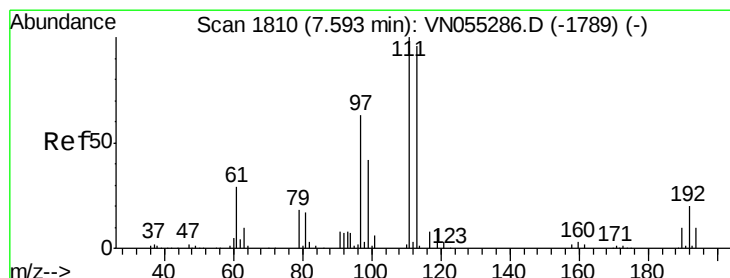
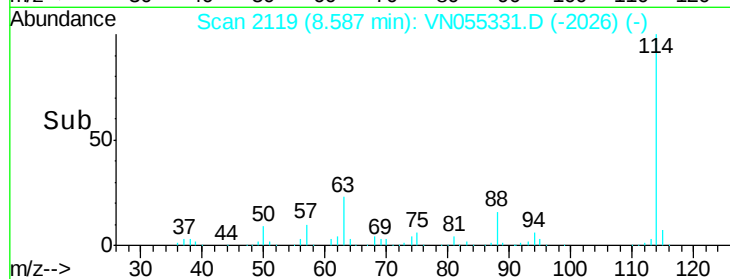
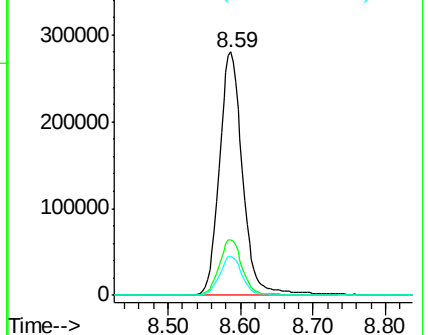
88 16.0 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.535 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055331.D

Acq: 1 May 2019 16:00

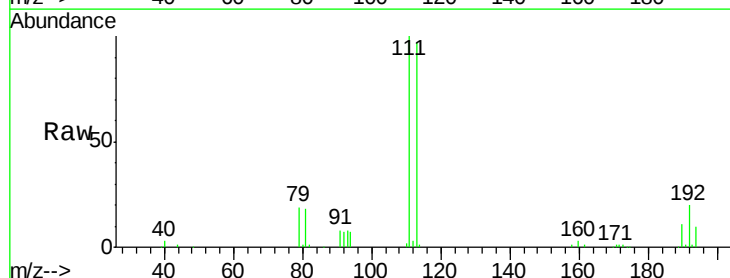
Tgt Ion:113 Resp: 207007

Ion Ratio Lower Upper

113 100

111 102.4 82.3 123.5

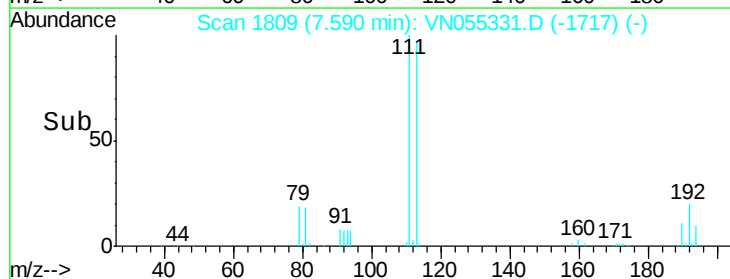
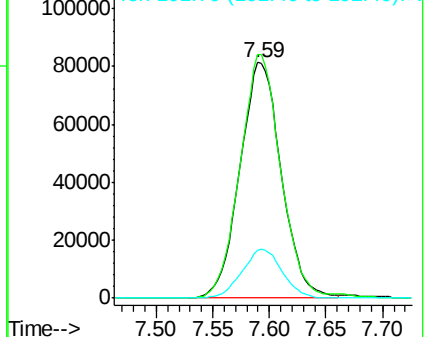
192 20.4 17.0 25.6

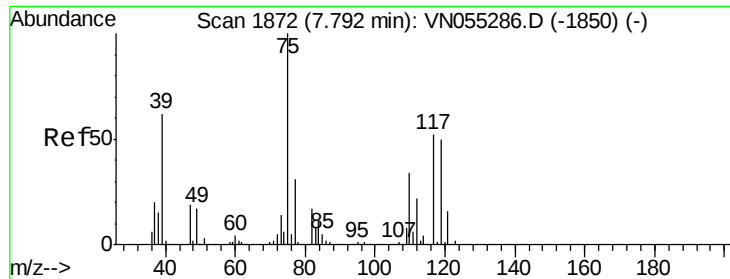


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

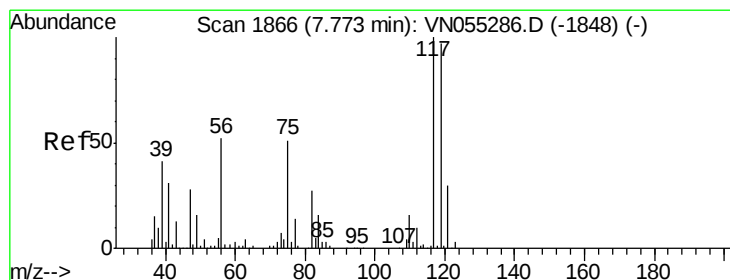
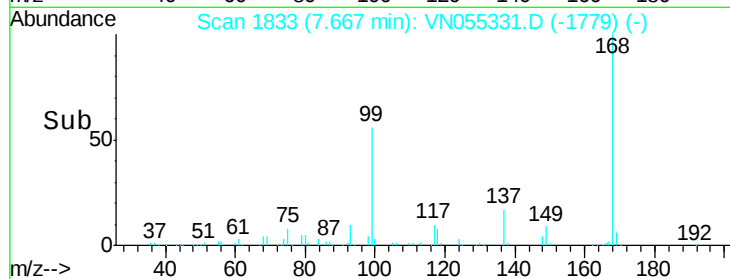
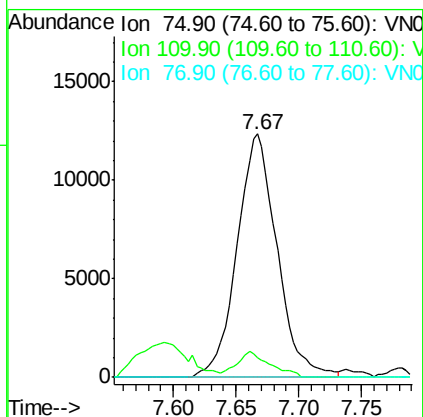
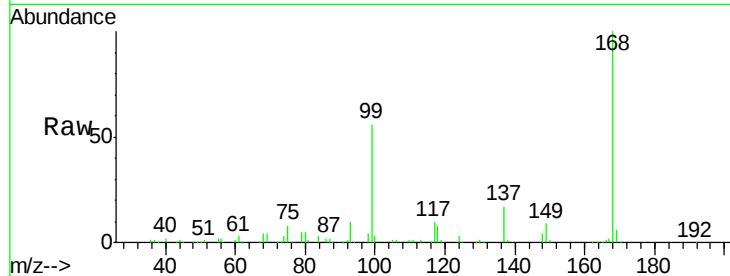




#36
 1,1-Dichloropropene
 Concen: 4.586 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN055331.D
 Acq: 1 May 2019 16:00

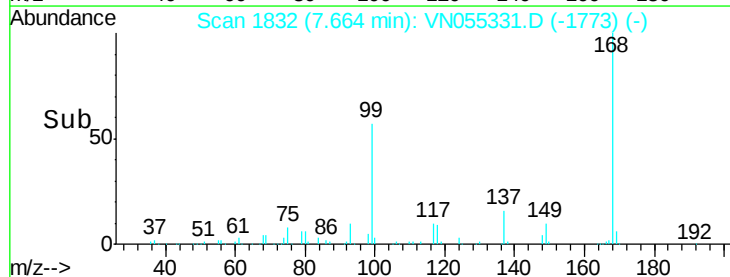
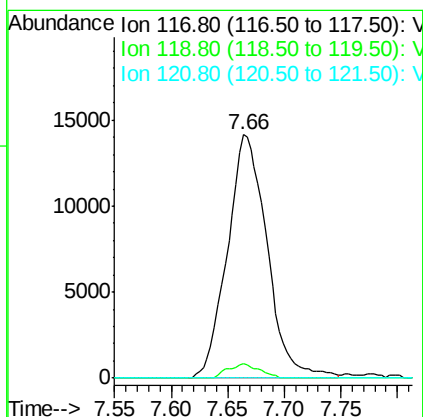
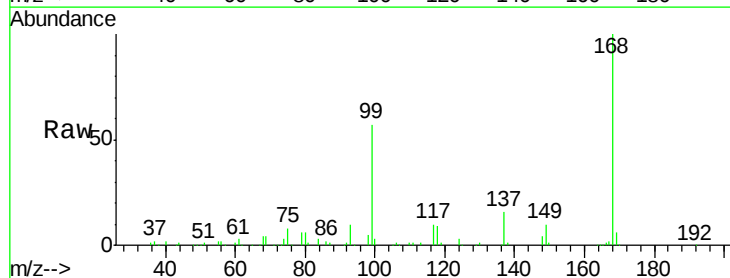
Instrument :
 MSVOA_N
 ClientSampleId :
 MR-SUMP-PIT

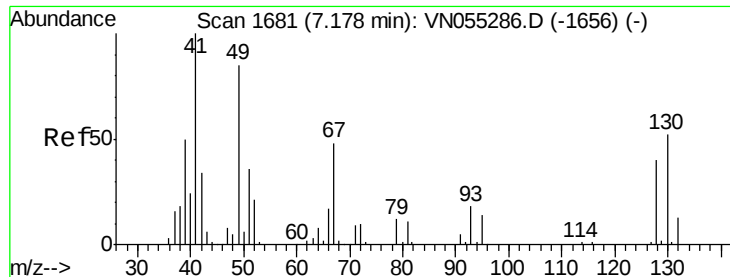
Tot Ion: 75 Resp: 27412
 Ion Ratio Lower Upper
 75 100
 110 8.8 16.8 50.4#
 77 0.0 25.0 37.6#



#38
 Carbon Tetrachloride
 Concen: 5.979 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN055331.D
 Acq: 1 May 2019 16:00

Tgt Ion: 117 Resp: 34476
 Ion Ratio Lower Upper
 117 100
 119 6.0 77.0 115.6#
 121 0.0 23.8 35.8#

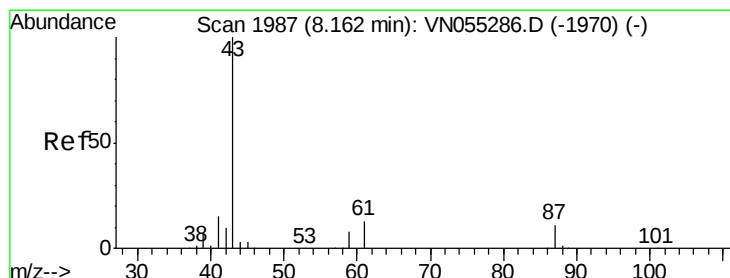
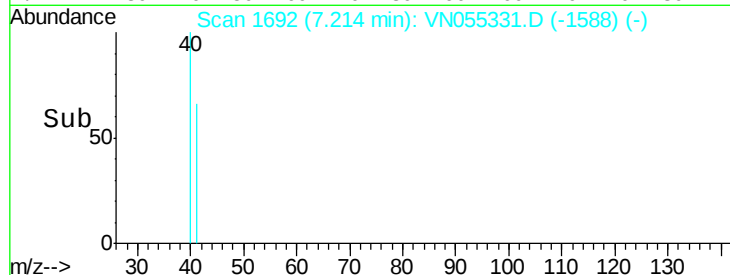
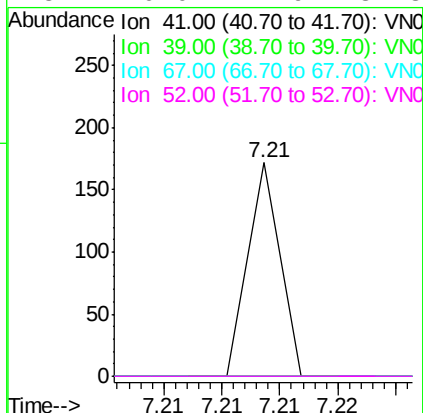
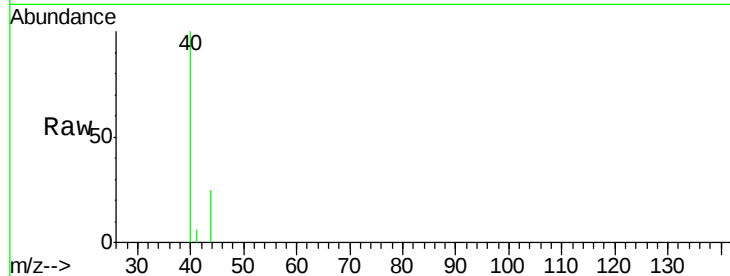




#41
Methacrylonitrile
Concen: 0.753 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.04 min
Lab File: VN055331.D
Acq: 1 May 2019 16:00

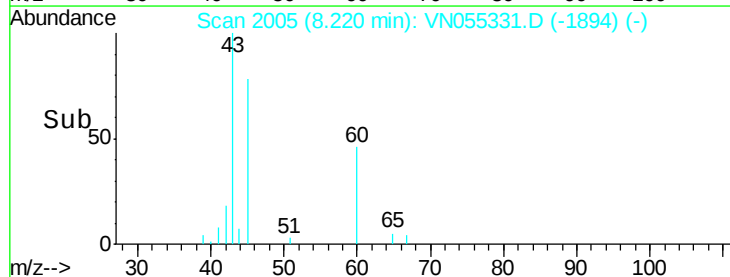
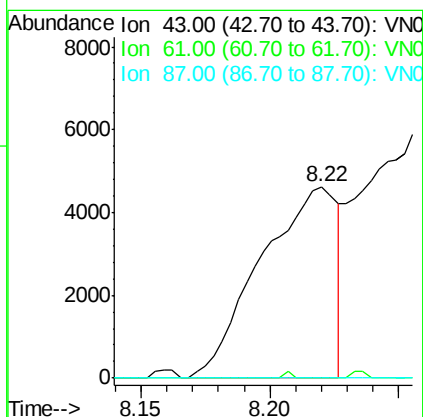
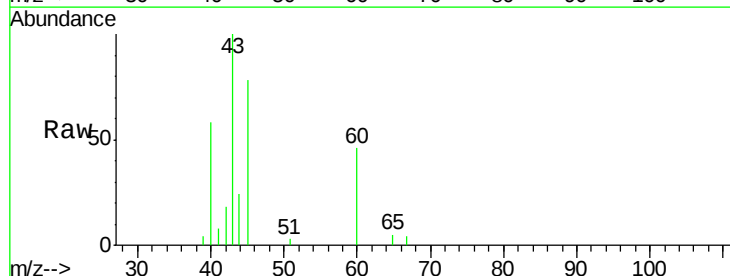
Instrument :
MSVOA_N
ClientSampled :
MR-SUMP-PIT

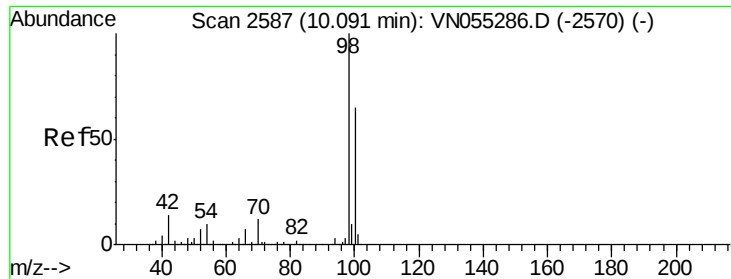
Tot Ion:	41	Resp:	33
Ion	Ratio	Lower	Upper
41	100		
39	0.0	48.5	72.7#
67	0.0	54.9	82.3#
52	0.0	24.9	37.3#



#43
Isopropyl Acetate
Concen: 1.292 ug/l
RT: 8.22 min Scan# 2005
Delta R.T. 0.06 min
Lab File: VN055331.D
Acq: 1 May 2019 16:00

Tgt Ion:	43	Resp:	9516
Ion	Ratio	Lower	Upper
43	100		
61	0.0	20.8	31.2#
87	0.0	8.5	12.7#





#50

Toluene-d8

Concen: 51.894 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055331.D

Acq: 1 May 2019 16:00

Instrument :

MSVOA_N

ClientSampleId :

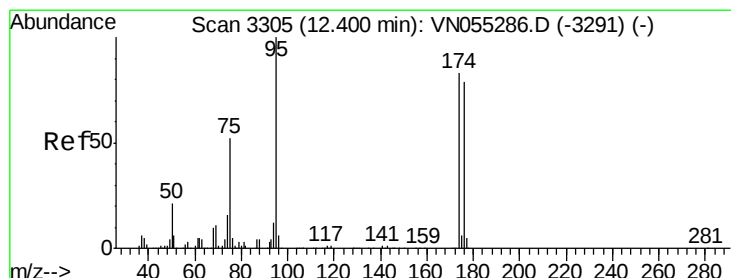
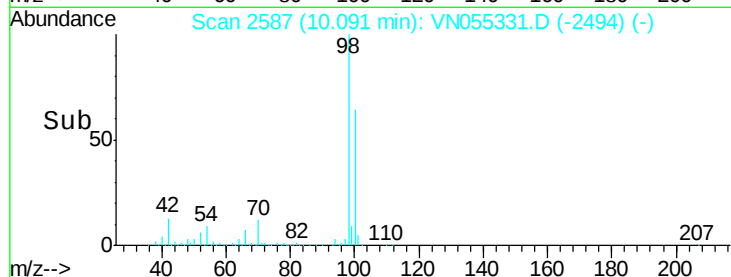
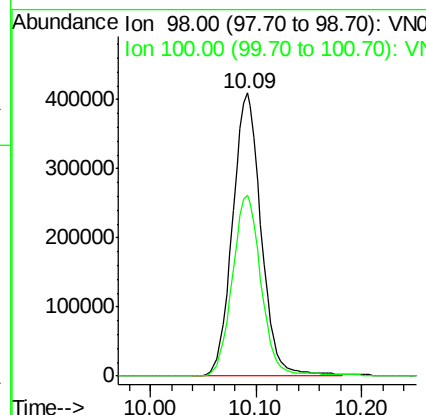
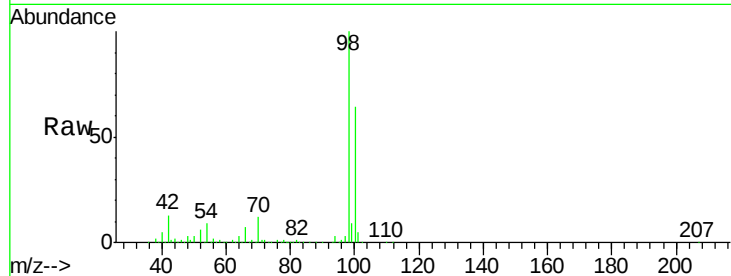
MR-SUMP-PIT

Tot Ion: 98 Resp: 767586

Ion Ratio Lower Upper

98 100

100 64.7 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 48.462 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055331.D

Acq: 1 May 2019 16:00

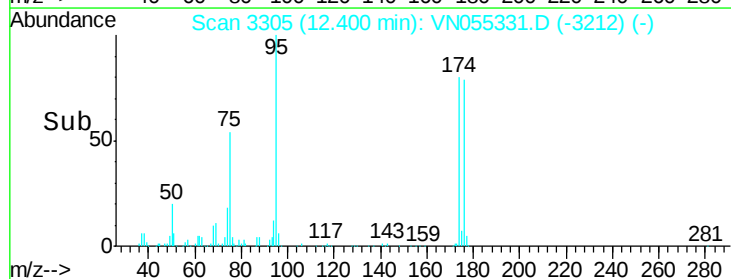
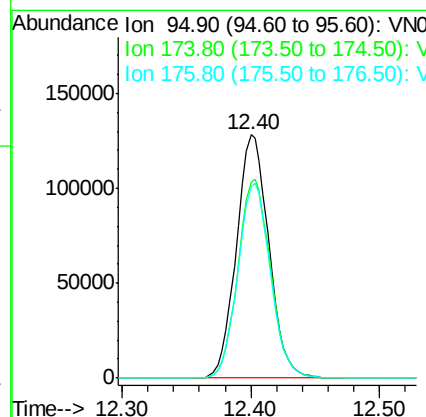
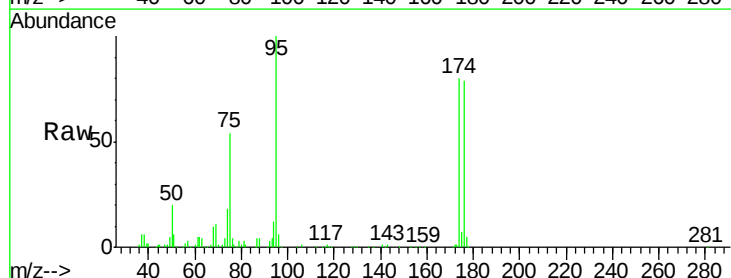
Tgt Ion: 95 Resp: 224030

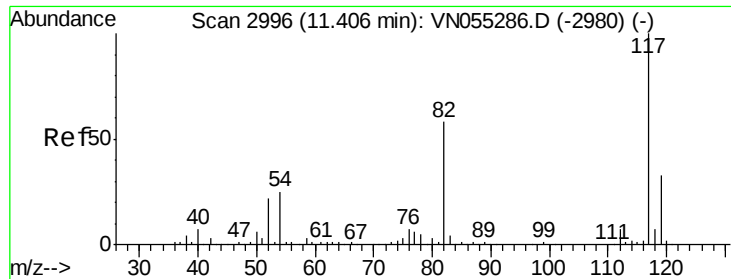
Ion Ratio Lower Upper

95 100

174 82.4 0.0 166.6

176 80.2 0.0 157.8

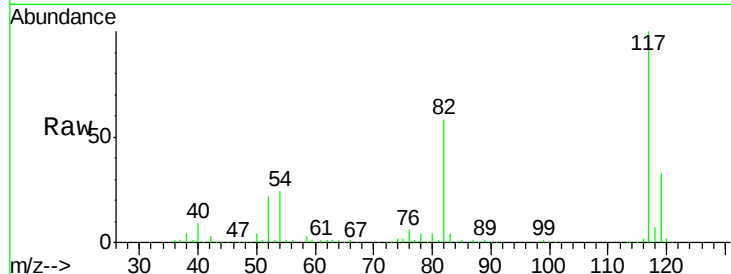




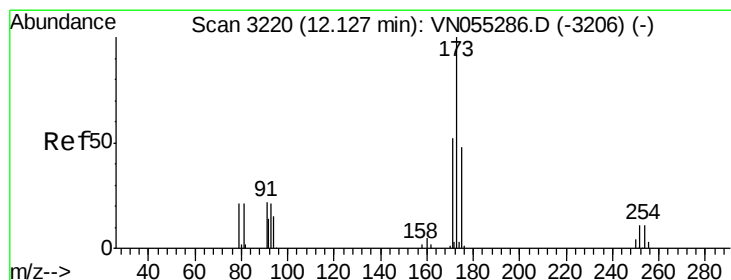
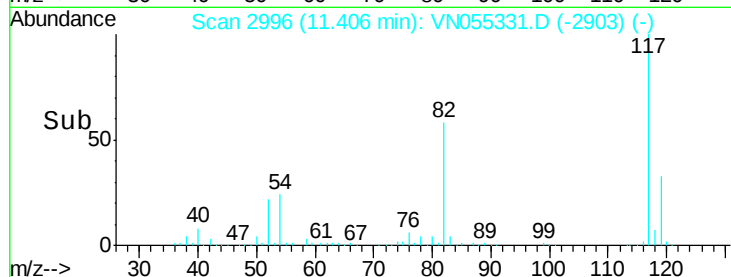
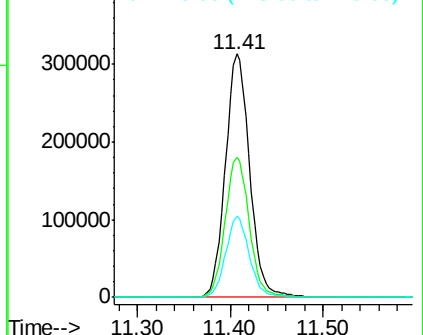
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055331.D
Acq: 1 May 2019 16:00

Instrument :
MSVOA_N
ClientSampleId :
MR-SUMP-PIT

Tot Ion:117 Resp: 567438
Ion Ratio Lower Upper
117 100
82 57.6 46.2 69.4
119 33.1 26.6 40.0

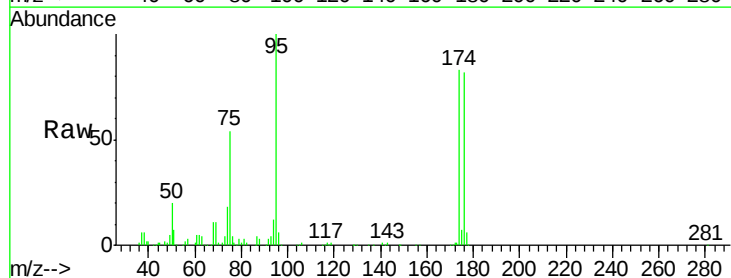


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

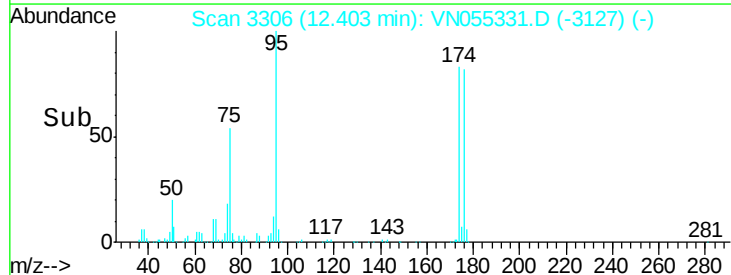
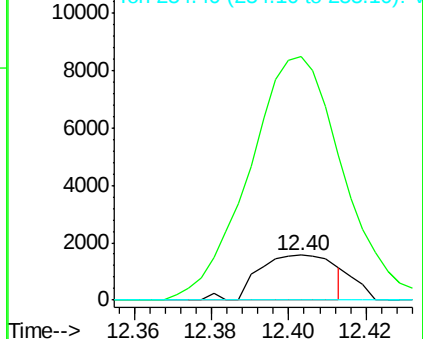


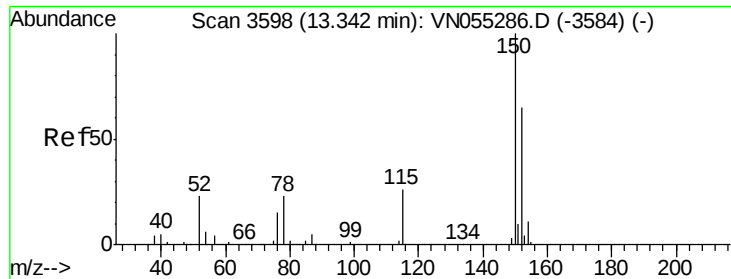
#71
Bromoform
Concen: 0.882 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN055331.D
Acq: 1 May 2019 16:00

Tgt Ion:173 Resp: 2125
Ion Ratio Lower Upper
173 100
175 581.0 23.6 71.0#
254 0.0 0.0 0.0



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: VN055331.D

Acq: 1 May 2019 16:00

Instrument :

MSVOA_N

ClientSampleId :

MR-SUMP-PIT

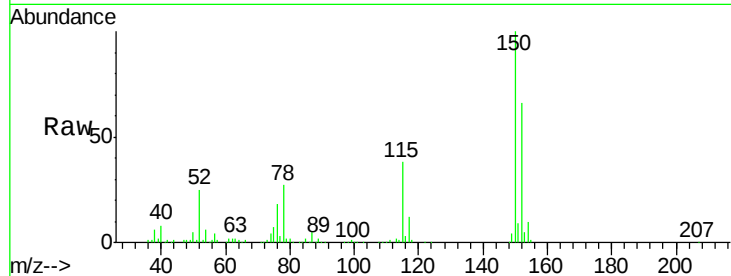
Tot Ion:152 Resp: 138875

Ion Ratio Lower Upper

152 100

115 56.5 29.0 87.0

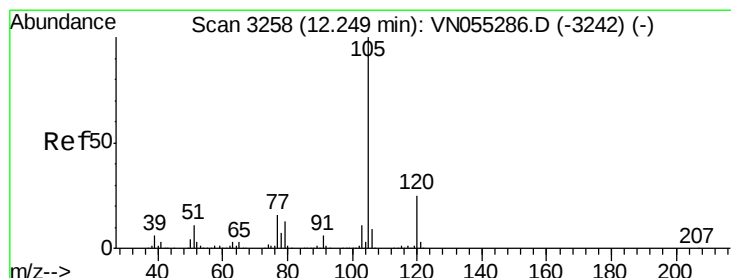
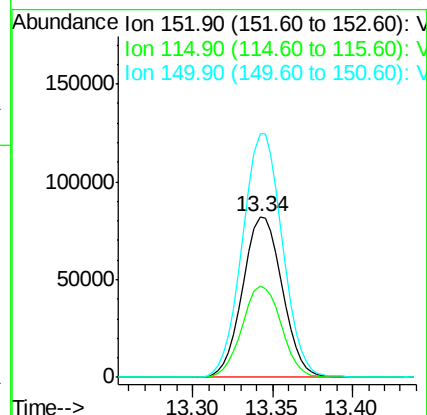
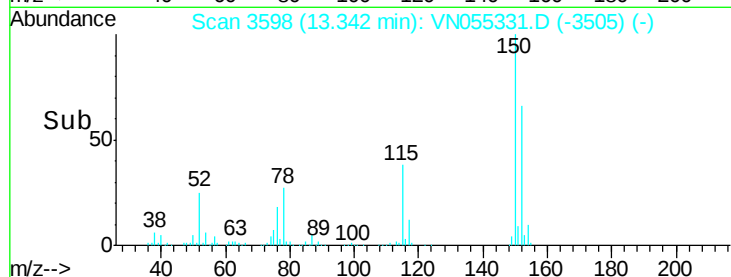
150 153.5 0.0 345.6



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



#73

Isopropylbenzene

Concen: Below Cal

RT: 12.24 min Scan# 3256

Delta R.T. -0.01 min

Lab File: VN055331.D

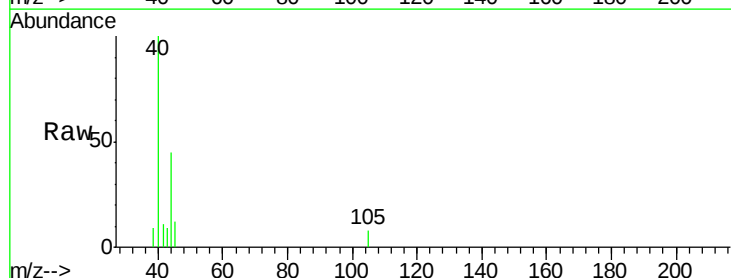
Acq: 1 May 2019 16:00

Tgt Ion:105 Resp: 31

Ion Ratio Lower Upper

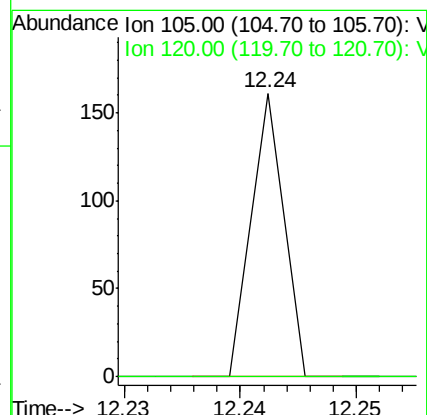
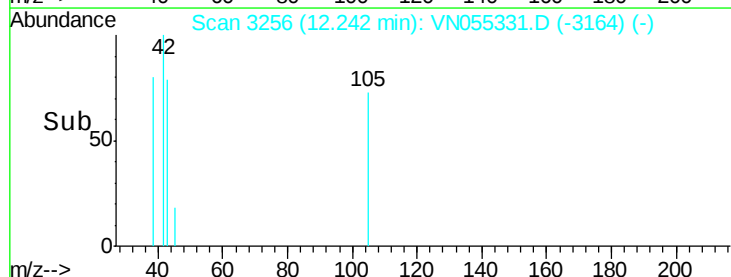
105 100

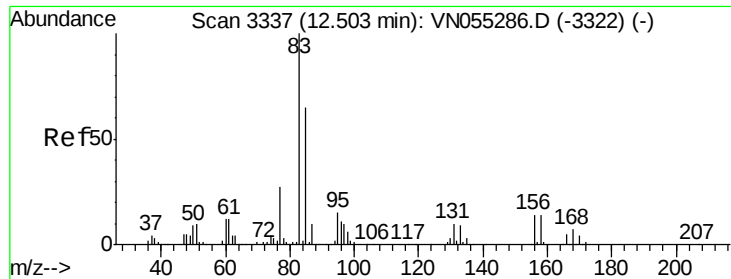
120 0.0 12.9 38.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.39 min Scan# 3302

Delta R.T. -0.11 min

Lab File: VN055331.D

Acq: 1 May 2019 16:00

Instrument :

MSVOA_N

ClientSampleId :

MR-SUMP-PIT

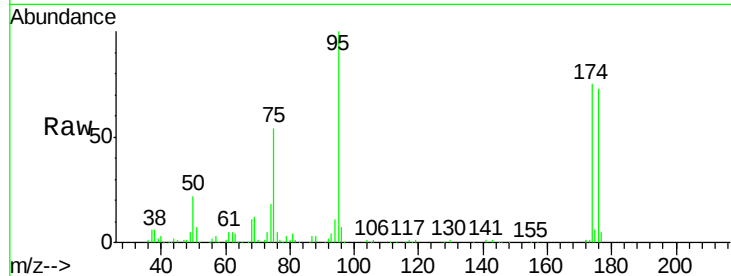
Tot Ion: 83 Resp: 59

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.2#

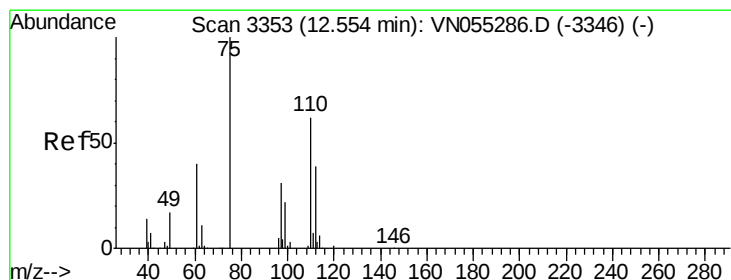
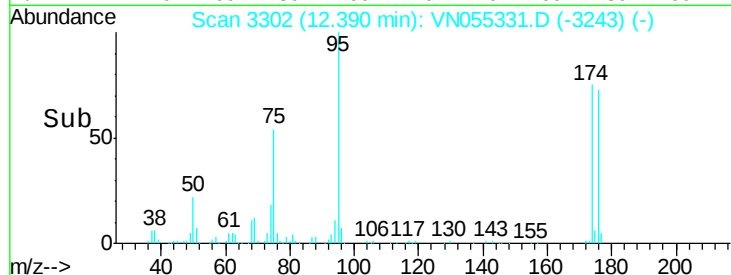
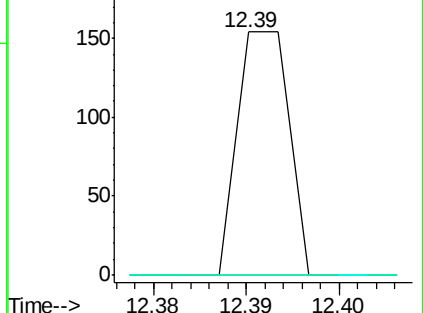
85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 45.694 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055331.D

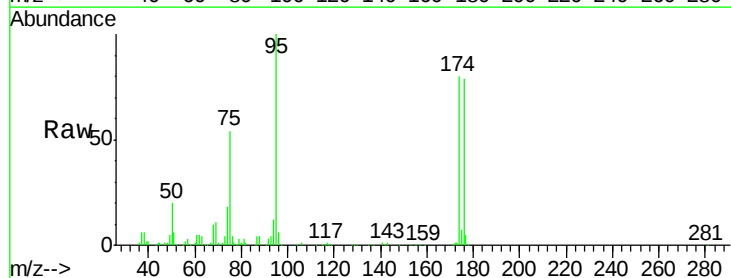
Acq: 1 May 2019 16:00

Tgt Ion: 75 Resp: 118511

Ion Ratio Lower Upper

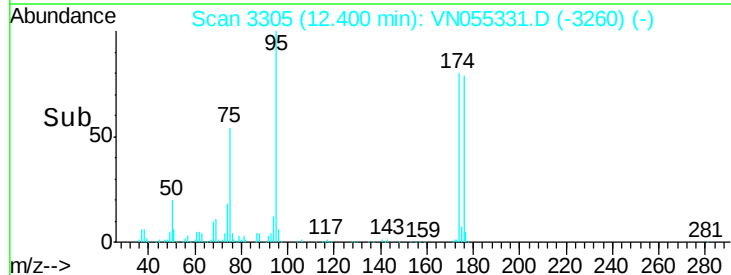
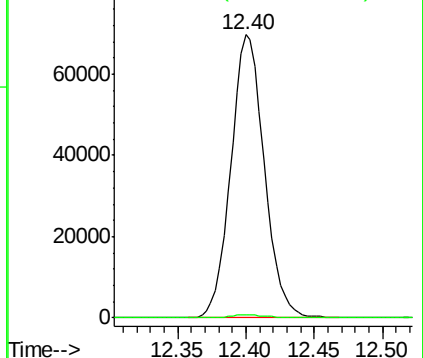
75 100

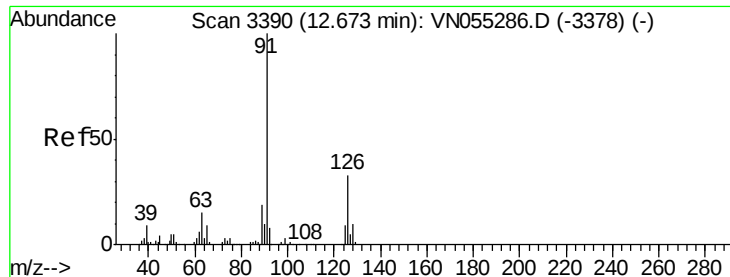
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.40 min Scan# 3305

Delta R.T. -0.27 min

Lab File: VN055331.D

Acq: 1 May 2019 16:00

Instrument :

MSVOA_N

ClientSampleId :

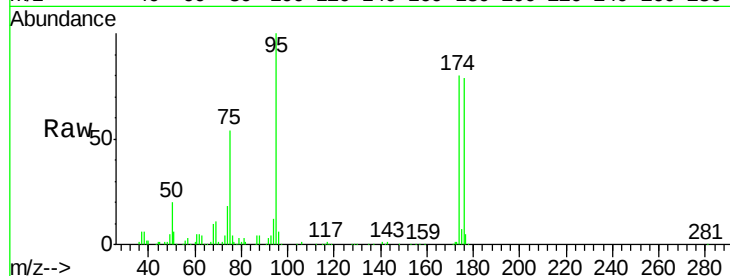
MR-SUMP-PIT

Tot Ion: 91 Resp: 763

Ion Ratio Lower Upper

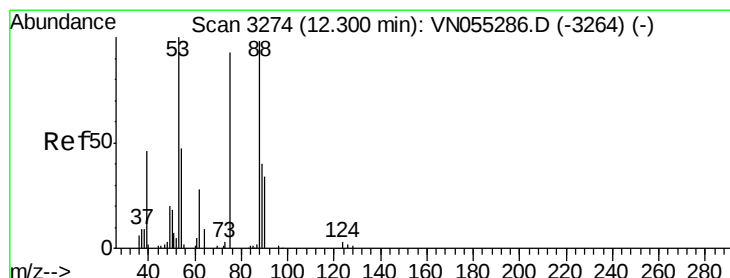
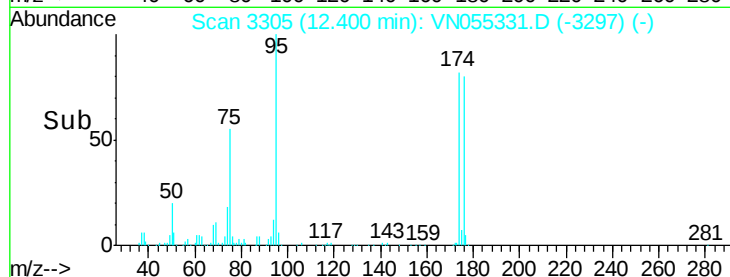
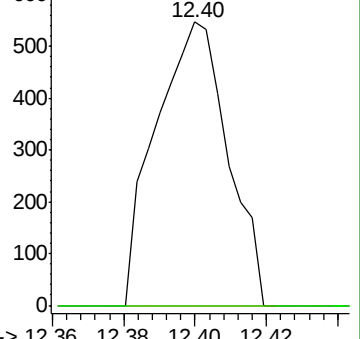
91 100

126 0.0 16.6 49.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



#81

trans-1,4-Dichloro-2-butene

Concen: 161.718 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055331.D

Acq: 1 May 2019 16:00

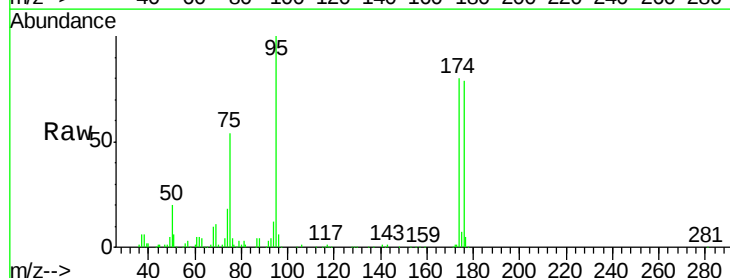
Tgt Ion: 75 Resp: 118511

Ion Ratio Lower Upper

75 100

53 0.0 86.3 129.5#

89 0.0 34.6 51.8#



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

