

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101519\
 Data File : VN058783.D
 Acq On : 15 Oct 2019 15:32
 Operator : JC/SP
 Sample : K5331-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-7

Quant Time: Oct 16 04:17:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

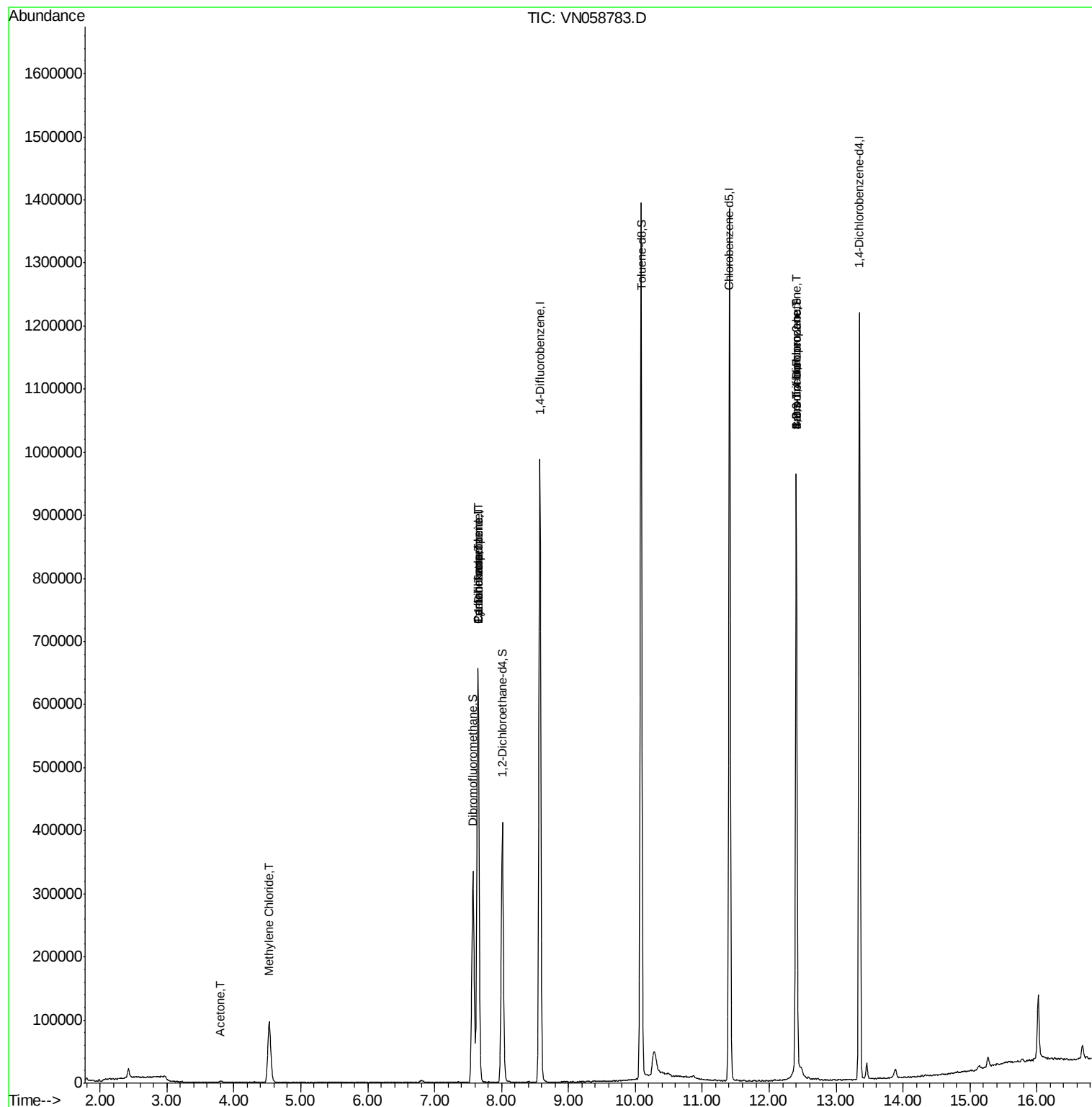
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	511846	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	847062	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	750390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	307892	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	359645	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
35) Dibromofluoromethane	7.57	113	253920	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
50) Toluene-d8	10.08	98	936090	44.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.48%	
62) 4-Bromofluorobenzene	12.40	95	315256	39.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.62%	
Target Compounds						
					Qvalue	
16) Acetone	3.80	43	4471	1.507	ug/l	94
20) Methylene Chloride	4.53	84	71632	11.554	ug/l	99
31) Cyclohexane	7.65	56	12182	1.159	ug/l #	12
36) 1,1-Dichloropropene	7.64	75	43732	5.106	ug/l #	50
38) Carbon Tetrachloride	7.65	117	53681	6.431	ug/l #	17
71) Bromoform	12.41	173	2368	0.573	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	170268	25.208	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	170268	67.525	ug/l #	11

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101519\
Data File : VN058783.D
Acq On : 15 Oct 2019 15:32
Operator : JC/SP
Sample : K5331-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-7

Quant Time: Oct 16 04:17:42 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 12 00:00:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058783.D

Acq: 15 Oct 2019 15:32

Instrument :

MSVOA_N

ClientSampleId :

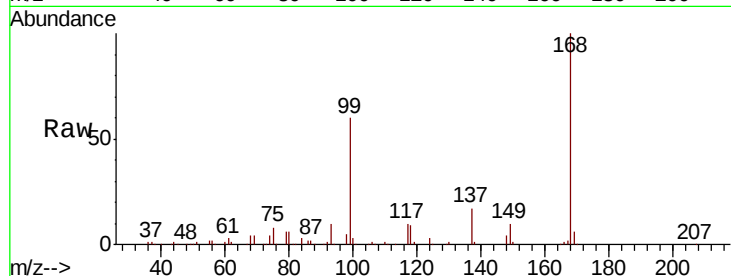
TP-7

Tot Ion:168 Resp: 511846

Ion Ratio Lower Upper

168 100

99 59.9 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

250000

200000

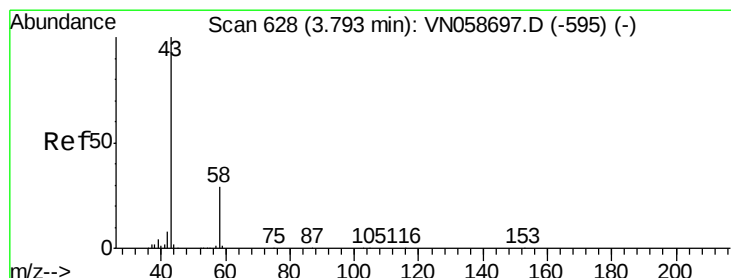
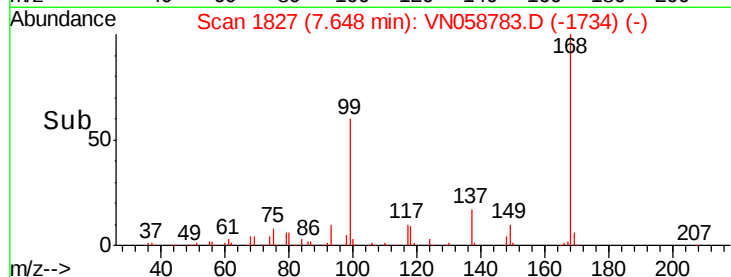
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.507 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN058783.D

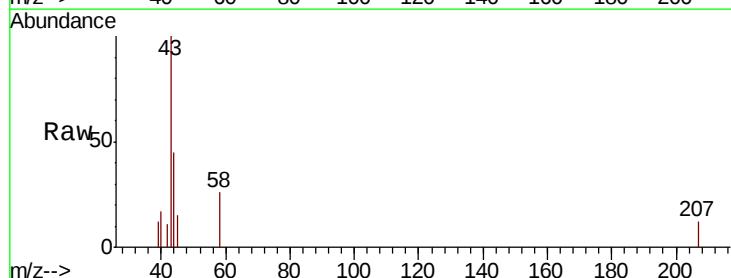
Acq: 15 Oct 2019 15:32

Tgt Ion: 43 Resp: 4471

Ion Ratio Lower Upper

43 100

58 25.7 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.80

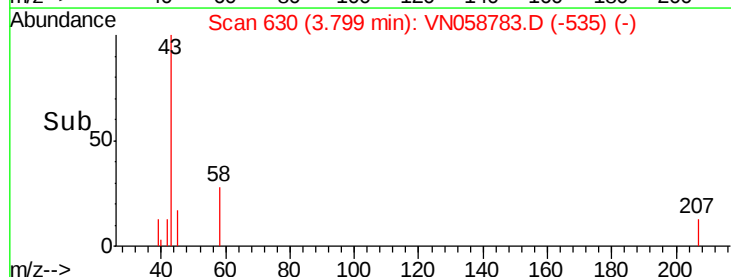
1500

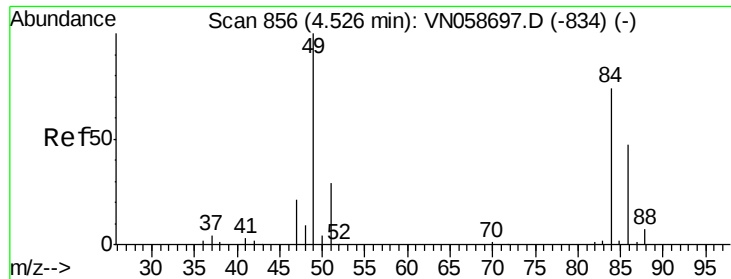
1000

500

0

Time-->

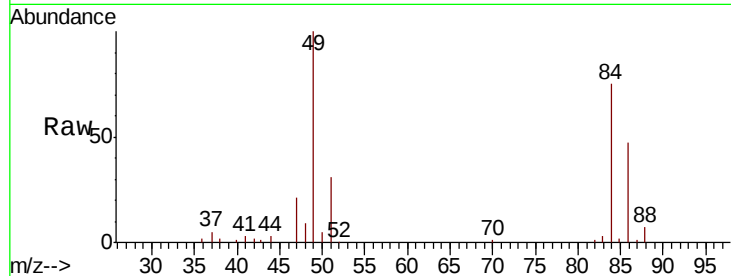




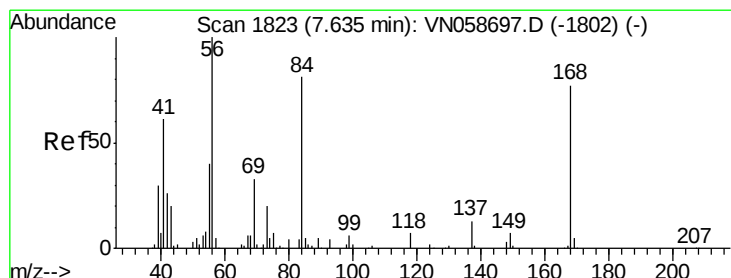
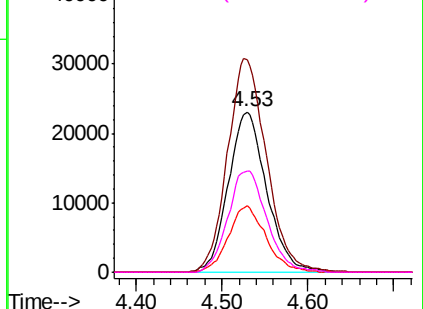
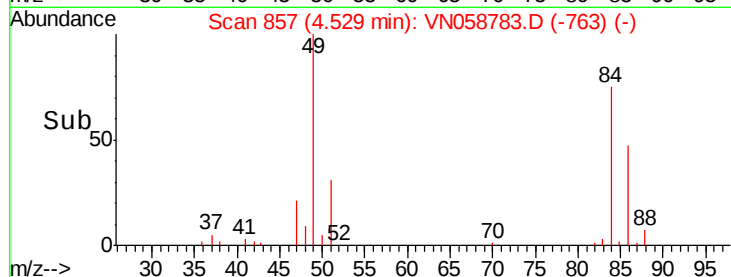
#20
Methvlene Chloride
Concen: 11.554 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058783.D
Acq: 15 Oct 2019 15:32

Instrument :
MSVOA_N
ClientSampleId :
TP-7

Tot Ion: 84 Resp: 71632
Ion Ratio Lower Upper
84 100
49 132.8 107.6 161.4
51 41.3 31.4 47.0
86 62.8 50.3 75.5

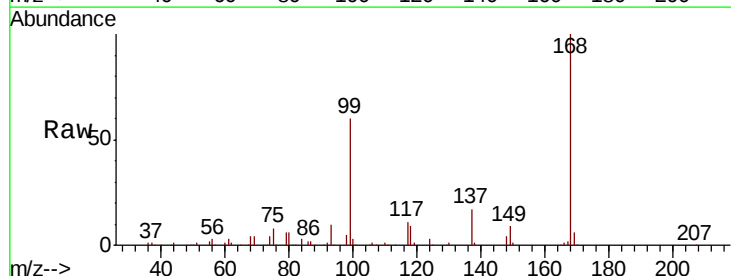


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

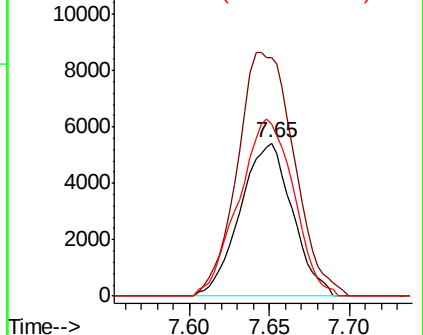
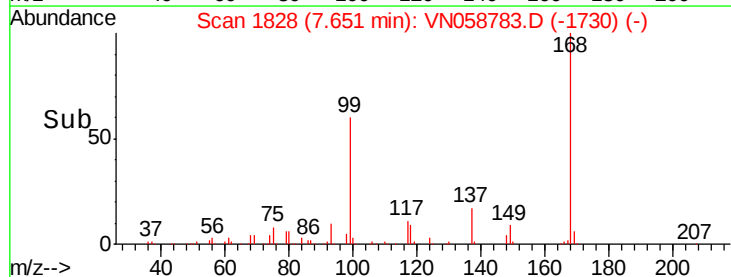


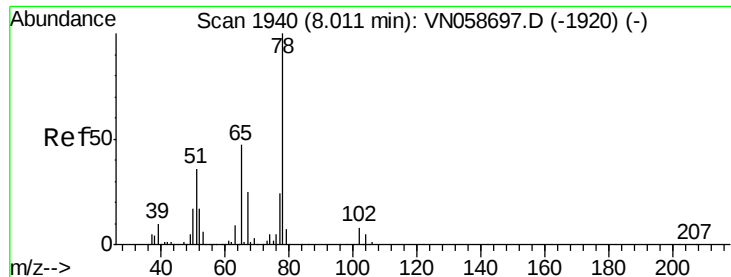
#31
Cyclohexane
Concen: 1.159 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.02 min
Lab File: VN058783.D
Acq: 15 Oct 2019 15:32

Tgt Ion: 56 Resp: 12182
Ion Ratio Lower Upper
56 100
69 156.3 26.2 39.4#
84 112.4 64.9 97.3#



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





#33

1,2-Dichloroethane-d4

Concen: 50.189 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058783.D

Acq: 15 Oct 2019 15:32

Instrument :

MSVOA_N

ClientSampleId :

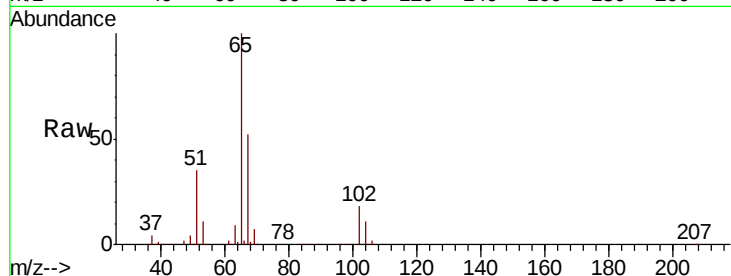
TP-7

Tot Ion: 65 Resp: 359645

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN058783.D (-1847) (-)

Ion 66.90 (66.60 to 67.60): VN058783.D (-1847) (-)

8.01

150000

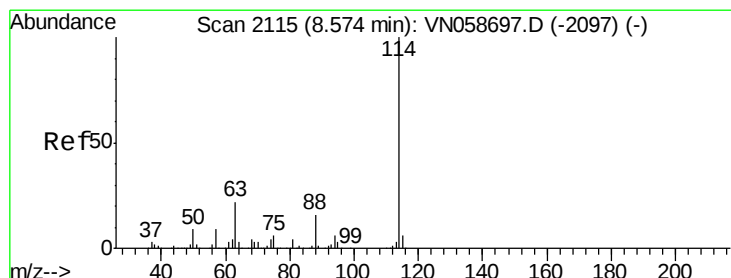
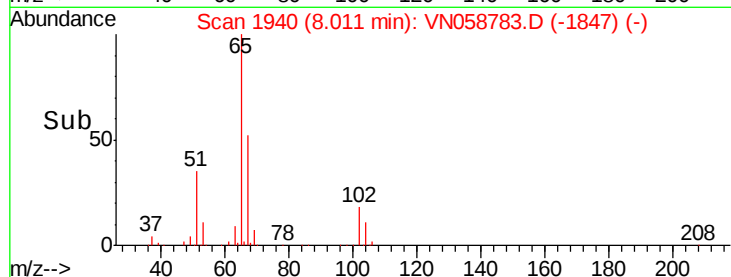
100000

50000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058783.D

Acq: 15 Oct 2019 15:32

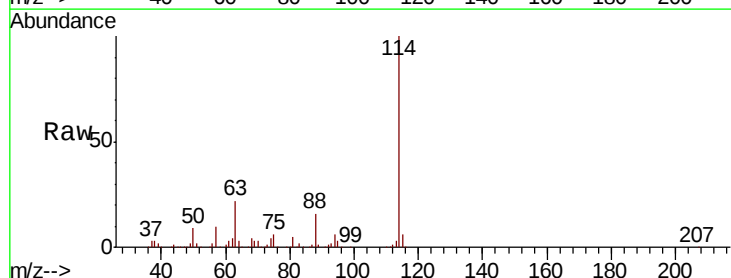
Tgt Ion: 114 Resp: 847062

Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.8

88 16.4 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): VN058783.D (-2022) (-)

Ion 63.00 (62.70 to 63.70): VN058783.D (-2022) (-)

Ion 87.90 (87.60 to 88.60): VN058783.D (-2022) (-)

8.57

500000

400000

300000

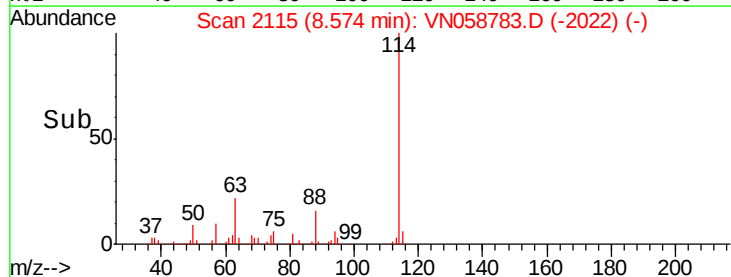
200000

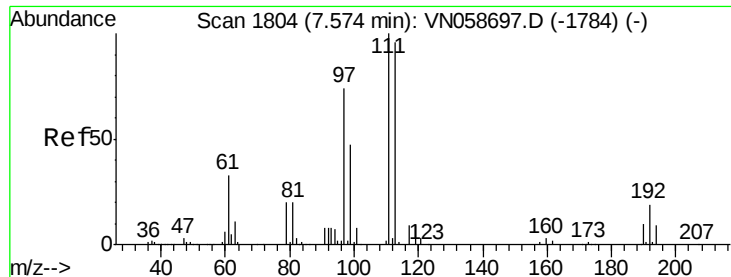
100000

0

8.50 8.60 8.70

Time-->

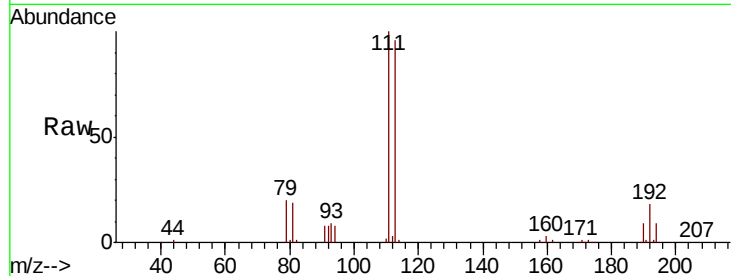




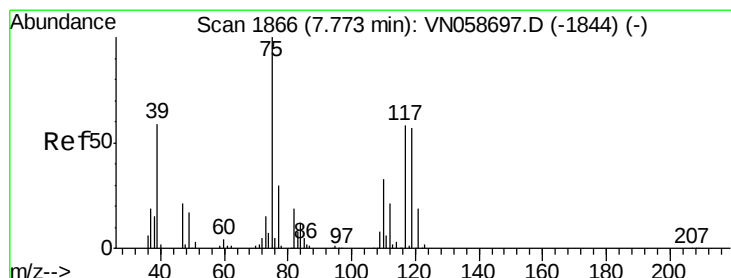
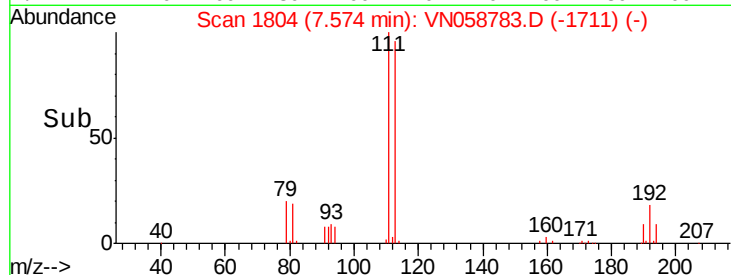
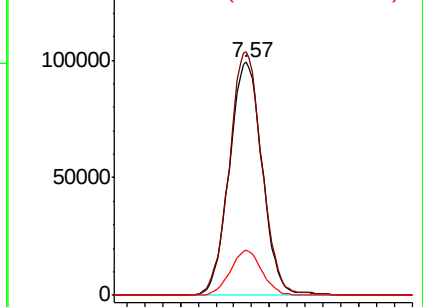
#35
 Dibromofluoromethane
 Concen: 48.531 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058783.D
 Acq: 15 Oct 2019 15:32

Instrument :
 MSVOA_N
 ClientSampled :
 TP-7

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.3	123.5
192	18.5	15.0	22.6

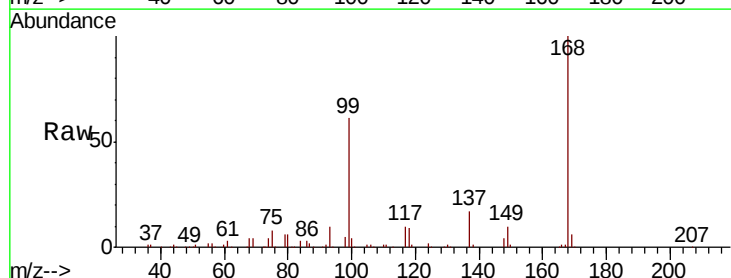


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

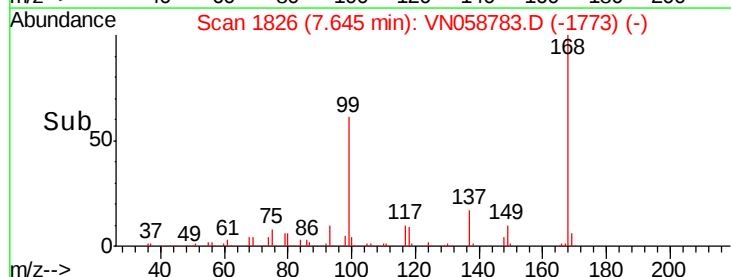
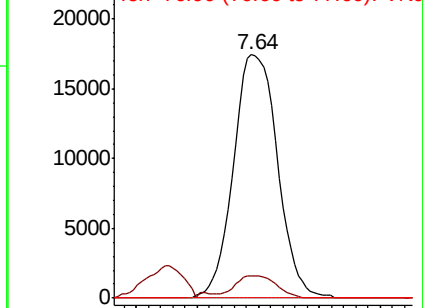


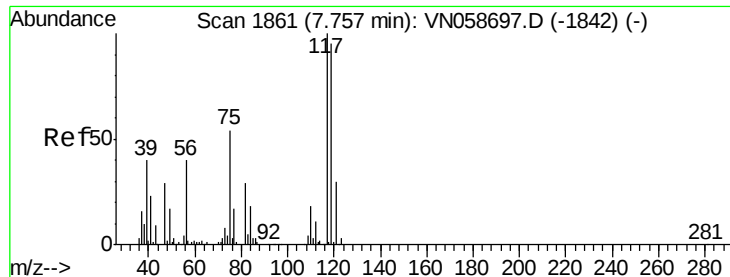
#36
 1,1-Dichloropropene
 Concen: 5.106 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN058783.D
 Acq: 15 Oct 2019 15:32

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	16.6	49.8#
77	0.0	24.6	37.0#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.431 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN058783.D

Acq: 15 Oct 2019 15:32

Instrument :

MSVOA_N

ClientSampleId :

TP-7

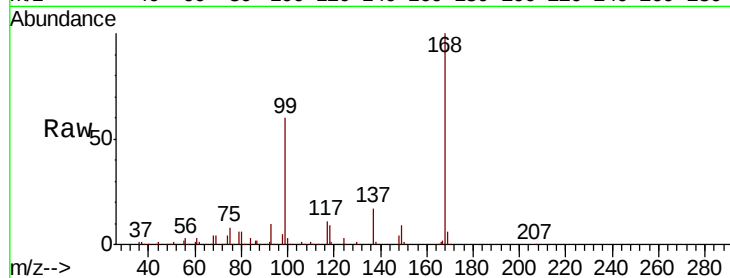
Tot Ion:117 Resp: 53681

Ion Ratio Lower Upper

117 100

119 5.2 75.7 113.5#

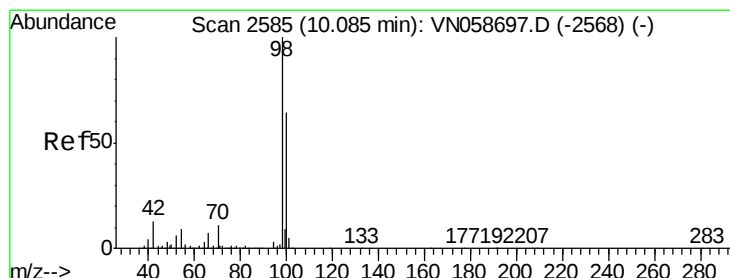
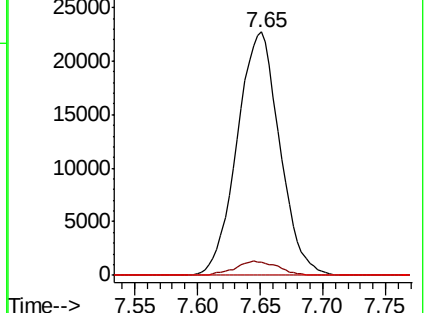
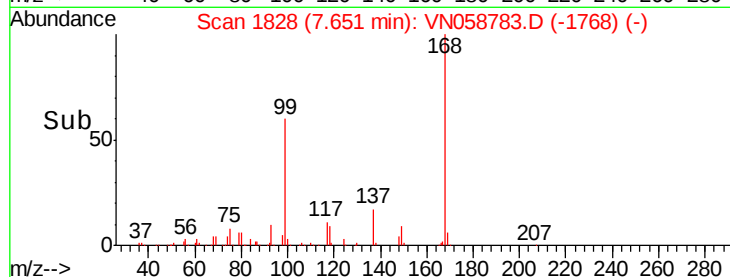
121 0.0 23.9 35.9#



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: 44.741 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058783.D

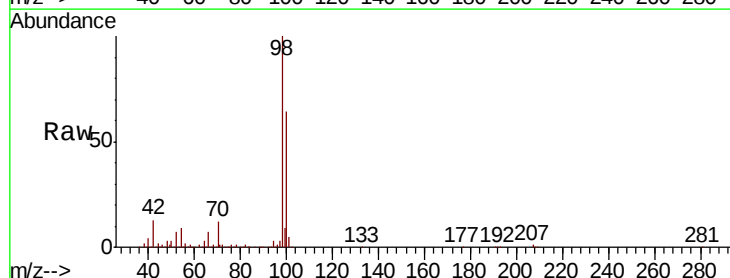
Acq: 15 Oct 2019 15:32

Tgt Ion: 98 Resp: 936090

Ion Ratio Lower Upper

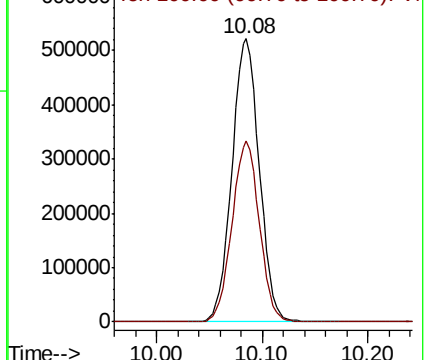
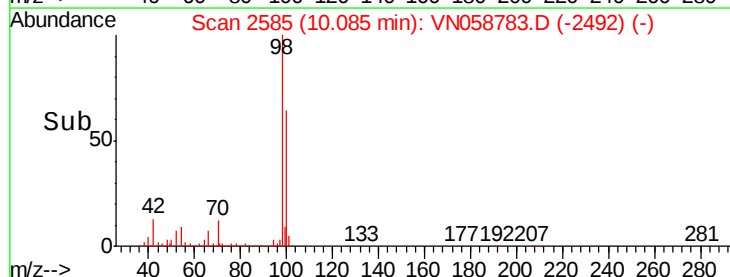
98 100

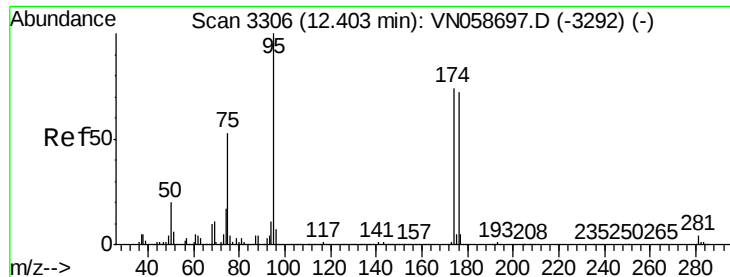
100 63.8 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 39.806 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058783.D

Acq: 15 Oct 2019 15:32

Instrument :

MSVOA_N

ClientSampleId :

TP-7

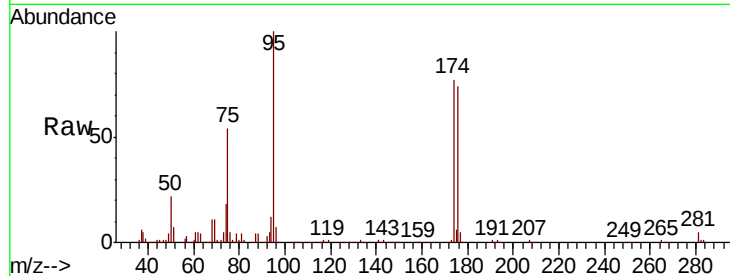
Tot Ion: 95 Resp: 315256

Ion Ratio Lower Upper

95 100

174 77.0 0.0 150.4

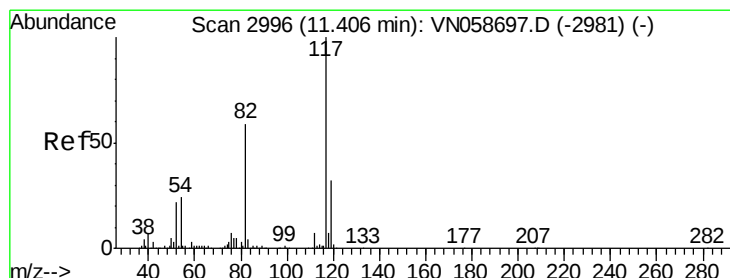
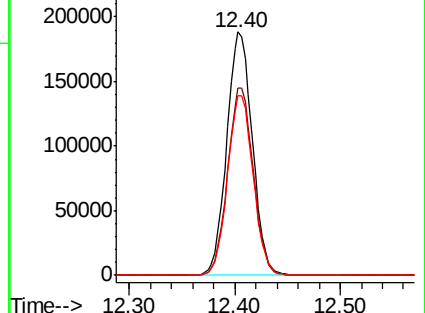
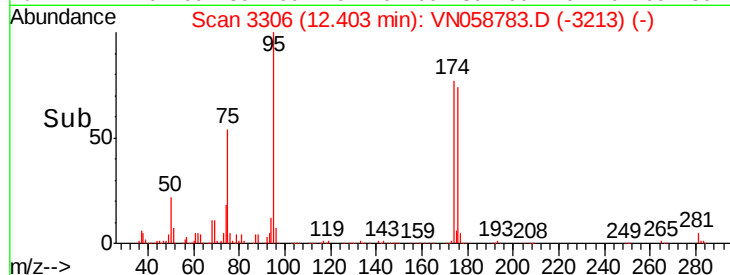
176 74.1 0.0 146.8



Abundance Ion 94.90 (94.60 to 95.60): VN058783.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN058783.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN058783.D (-3213) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058783.D

Acq: 15 Oct 2019 15:32

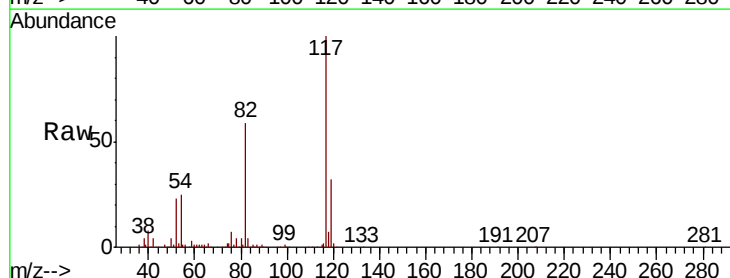
Tgt Ion: 117 Resp: 750390

Ion Ratio Lower Upper

117 100

82 58.9 47.0 70.4

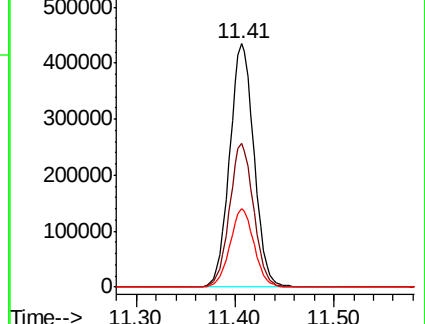
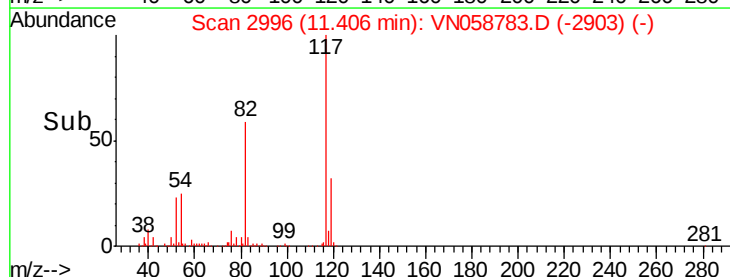
119 32.2 25.4 38.2

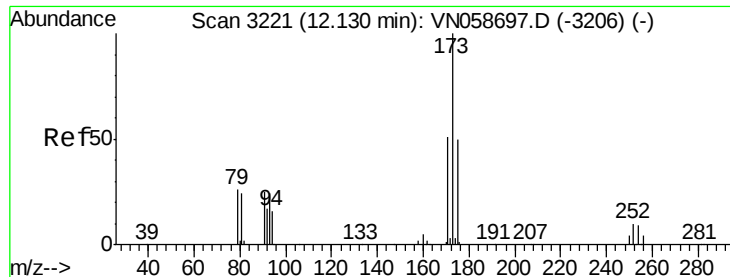


Abundance Ion 116.90 (116.60 to 117.60): VN058783.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN058783.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN058783.D (-2903) (-)





#71

Bromoform

Concen: 0.573 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN058783.D

Acq: 15 Oct 2019 15:32

Instrument :

MSVOA_N

ClientSampleId :

TP-7

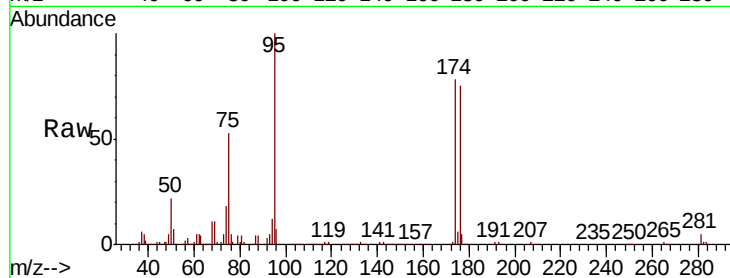
Tot Ion:173 Resp: 2368

Ion Ratio Lower Upper

173 100

175 663.3 24.6 73.8#

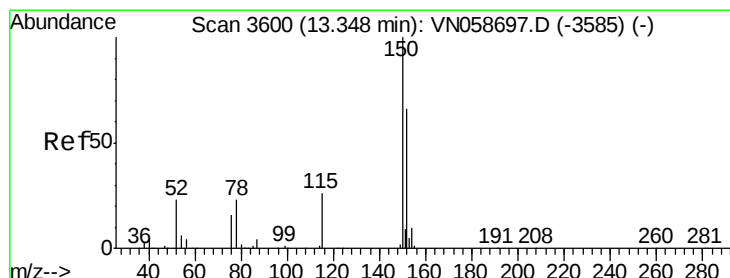
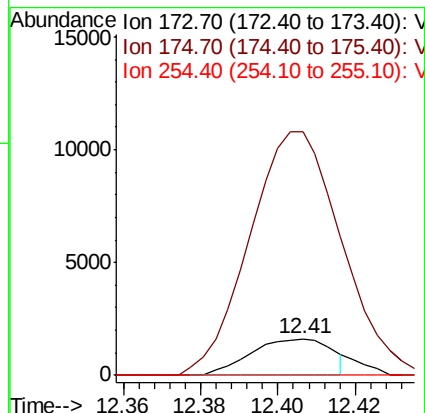
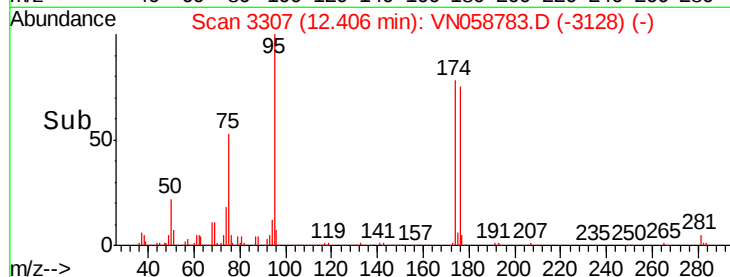
254 0.0 0.1 0.1#



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# 3600

Delta R.T. 0.00 min

Lab File: VN058783.D

Acq: 15 Oct 2019 15:32

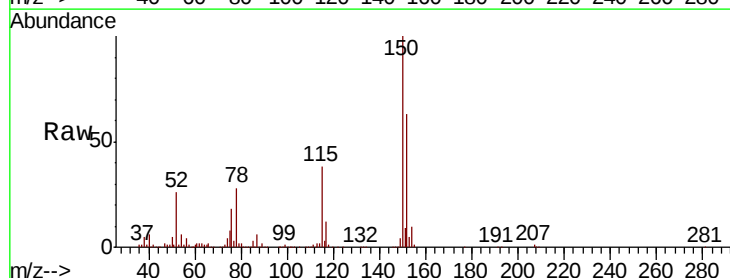
Tgt Ion:152 Resp: 307892

Ion Ratio Lower Upper

152 100

115 60.6 30.4 91.2

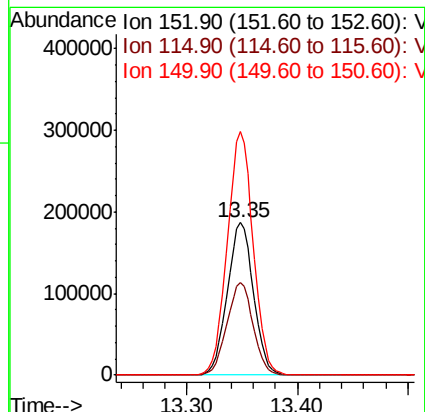
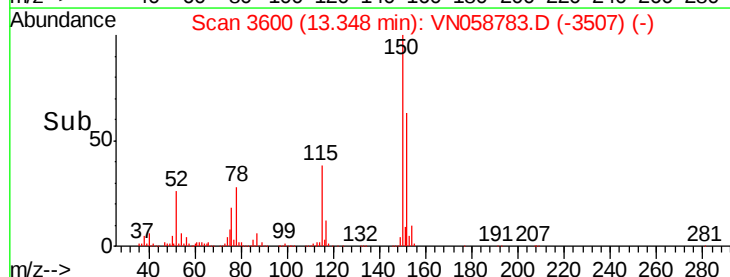
150 157.6 0.0 345.4

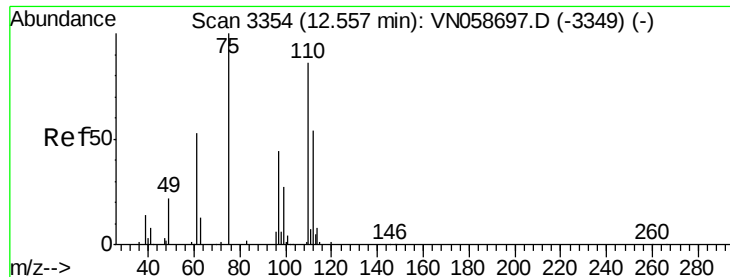


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 25.208 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN058783.D

Acq: 15 Oct 2019 15:32

Instrument :

MSVOA_N

ClientSampleId :

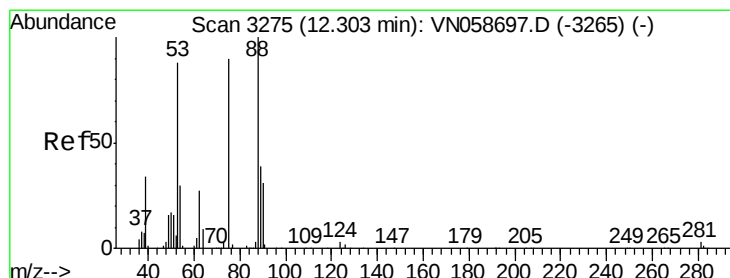
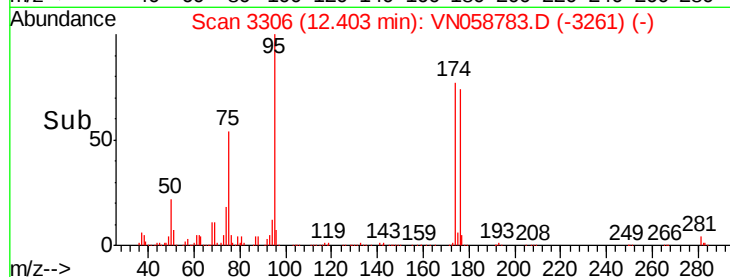
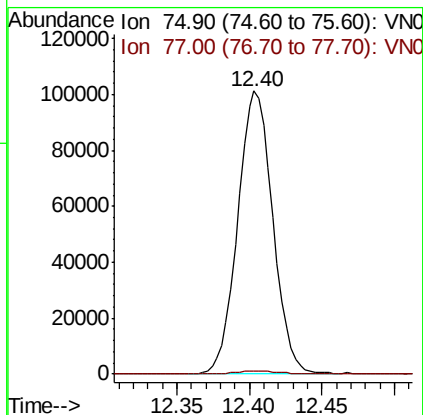
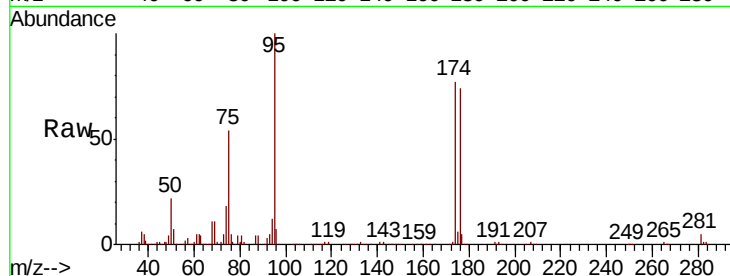
TP-7

Tot Ion: 75 Resp: 170268

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 67.525 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN058783.D

Acq: 15 Oct 2019 15:32

Tgt Ion: 75 Resp: 170268

Ion Ratio Lower Upper

75 100

53 0.0 78.4 117.6#

89 0.0 34.9 52.3#

