

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101419\
 Data File : VN058745.D
 Acq On : 14 Oct 2019 13:37
 Operator : JC/SP
 Sample : VN1014WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 15 03:08:36 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	386319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	645644	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	582010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	236052	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	295854	54.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.40%	
35) Dibromofluoromethane	7.57	113	211009	52.91	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.82%	
50) Toluene-d8	10.09	98	767886	48.15	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.30%	
62) 4-Bromofluorobenzene	12.41	95	260297	43.12	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	86.24%	

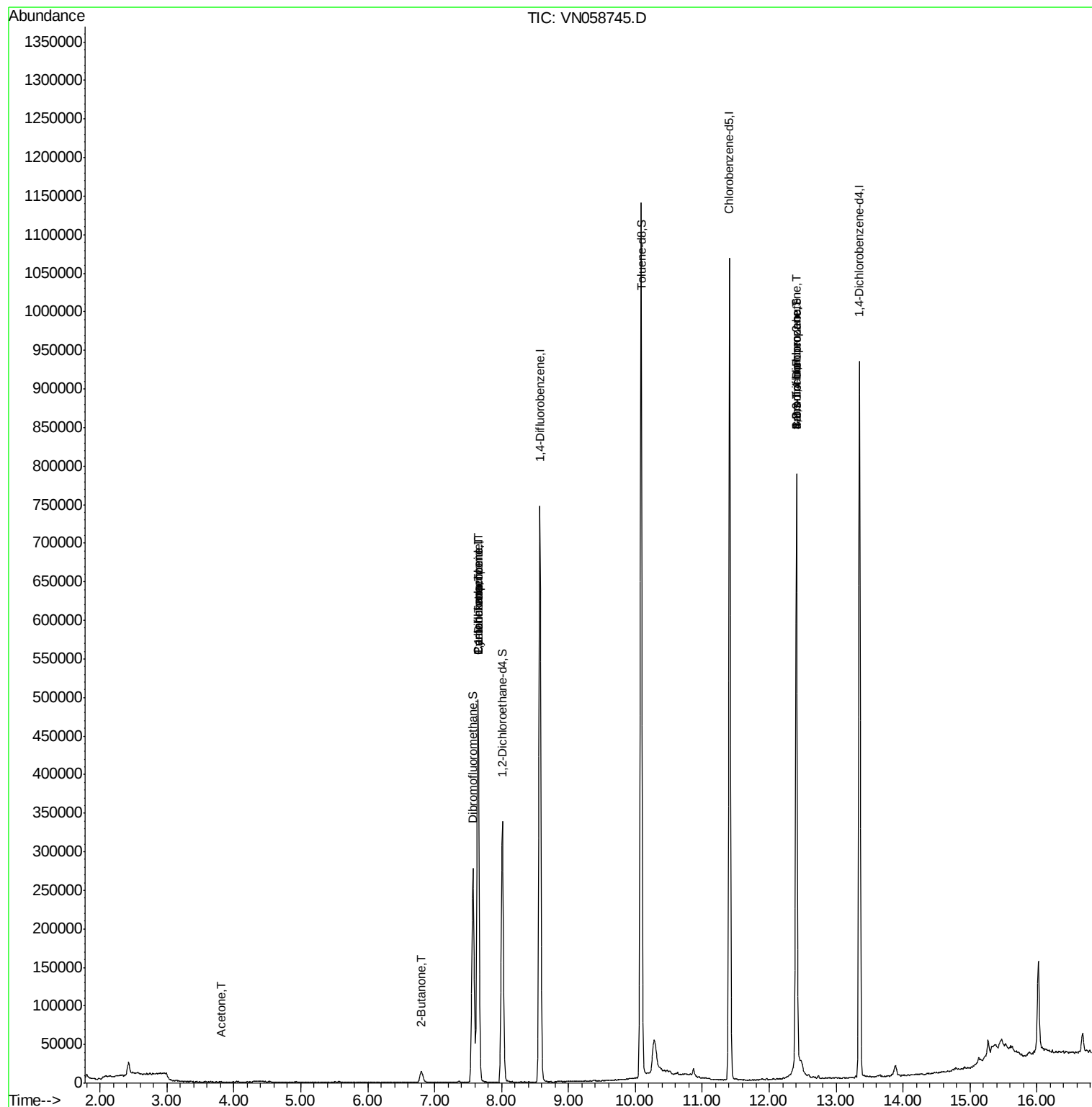
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	1125	0.502	ug/l #	46
25) 2-Butanone	6.80	43	1085	0.335	ug/l #	50
31) Cyclohexane	7.65	56	9144	1.153	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	33027	5.059	ug/l #	50
38) Carbon Tetrachloride	7.65	117	39351	6.185	ug/l #	17
71) Bromoform	12.41	173	1580	0.493	ug/l #	1
76) 1,2,3-Trichloropropane	12.41	75	138862	26.816	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	138862	71.830	ug/l #	11

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

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MSVOA_N
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Quant Time: Oct 15 03:08:36 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: VN058745.D

Acq: 14 Oct 2019 13:37

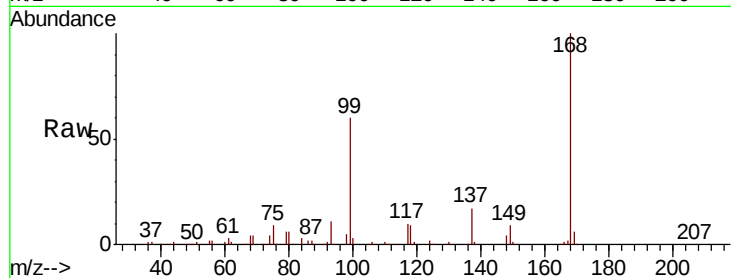
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 386319

Ion Ratio Lower Upper

168 100

99 59.6 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

150000

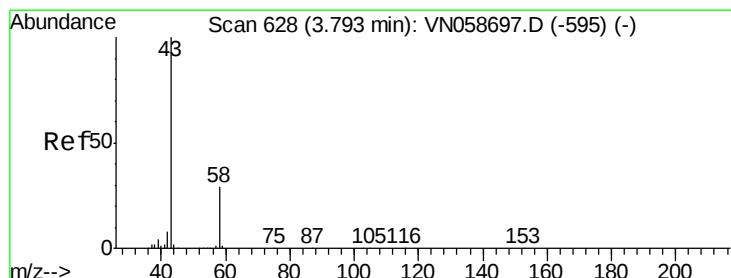
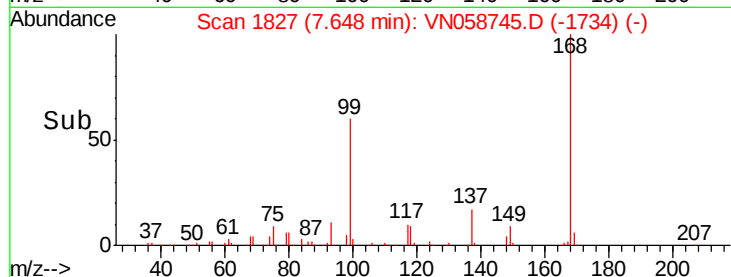
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 0.502 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058745.D

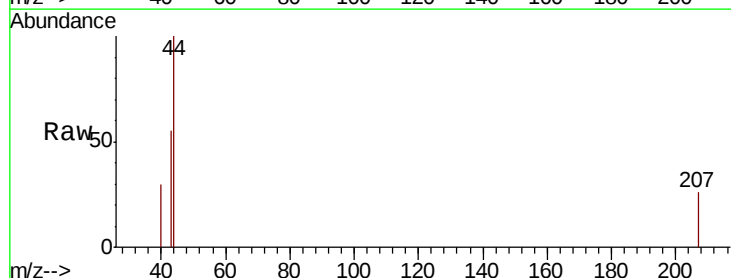
Acq: 14 Oct 2019 13:37

Tgt Ion: 43 Resp: 1125

Ion Ratio Lower Upper

43 100

58 0.0 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

500

400

300

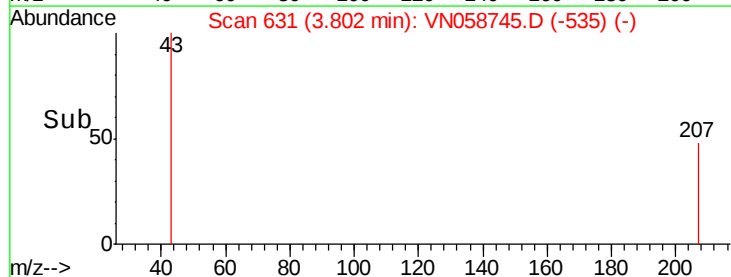
200

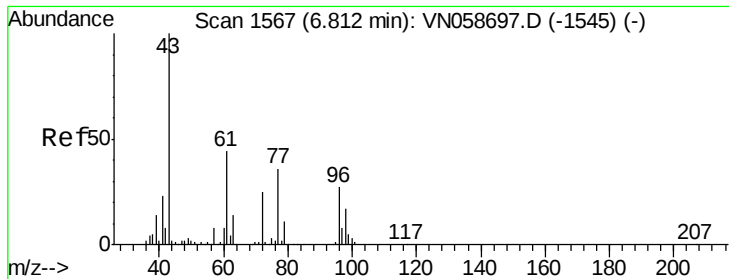
100

0

3.75 3.80 3.85

Time-->





#25

2-Butanone

Concen: 0.335 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.02 min

Lab File: VN058745.D

Acq: 14 Oct 2019 13:37

Instrument :

MSVOA_N

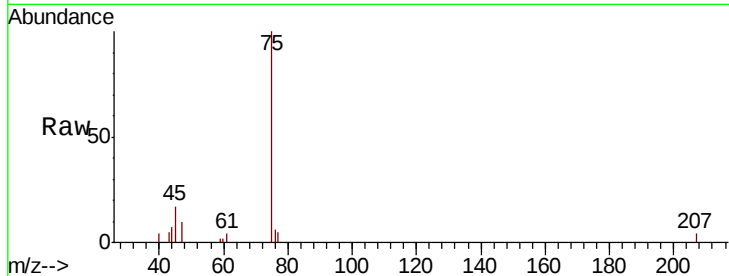
ClientSampleId :

Tot Ion: 43 Resp: 1085

Ion Ratio Lower Upper

43 100

72 0.0 20.2 30.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.80

400

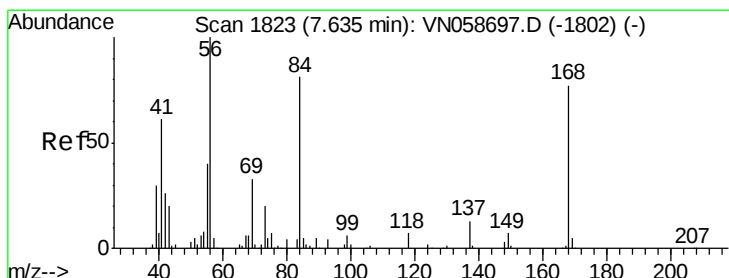
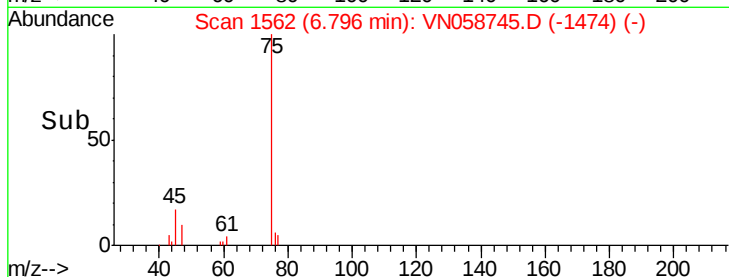
300

200

100

0

Time-->



#31

Cyclohexane

Concen: 1.153 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VN058745.D

Acq: 14 Oct 2019 13:37

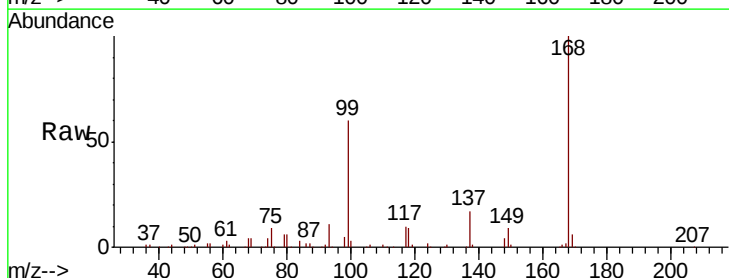
Tgt Ion: 56 Resp: 9144

Ion Ratio Lower Upper

56 100

69 167.5 26.2 39.4#

84 122.2 64.9 97.3#



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

8000

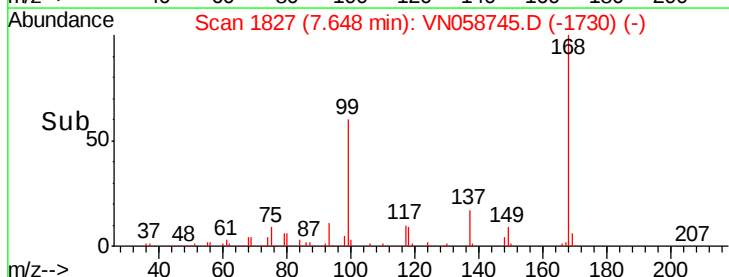
6000

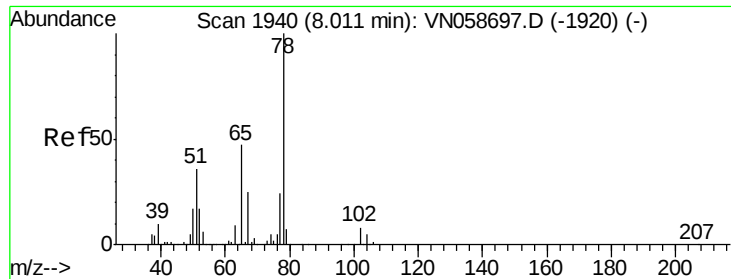
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 54.703 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058745.D

Acq: 14 Oct 2019 13:37

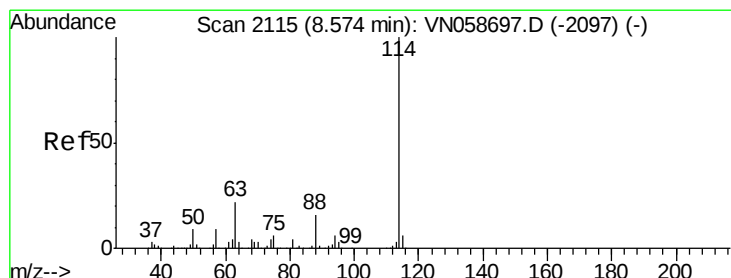
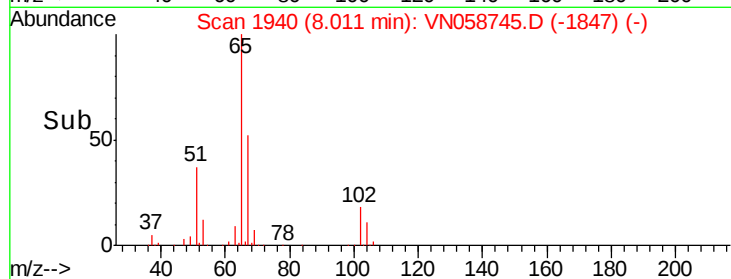
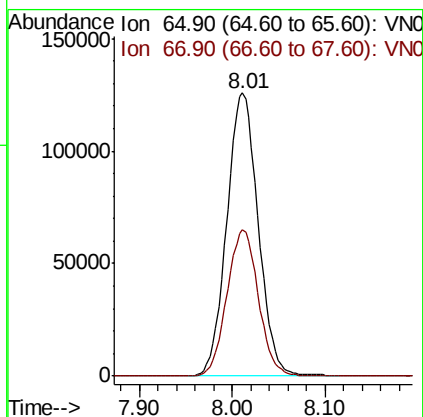
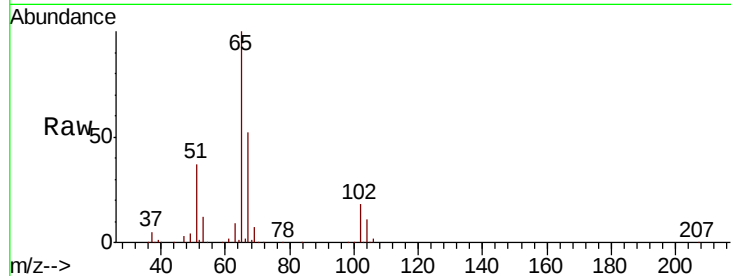
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 65 Resp: 295854

Ion Ratio Lower Upper

65 100

67 51.6 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058745.D

Acq: 14 Oct 2019 13:37

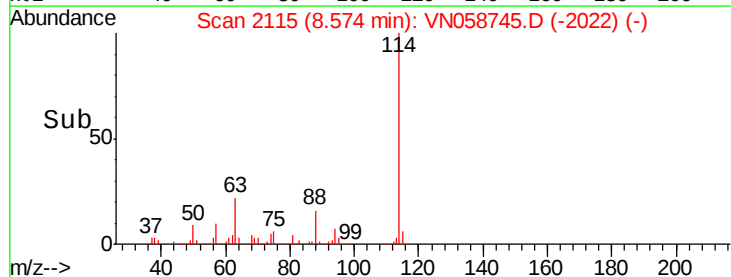
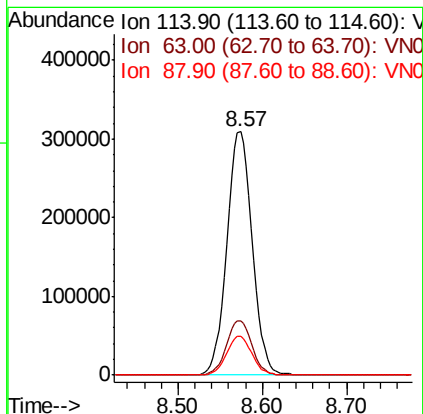
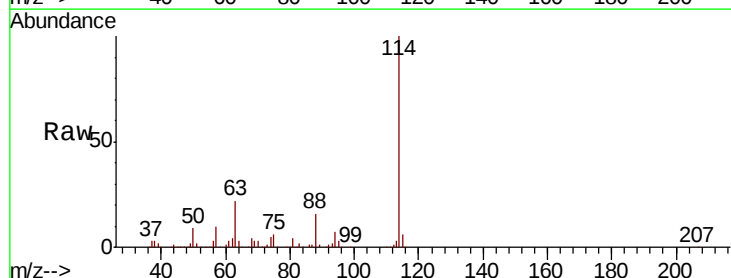
Tgt Ion: 114 Resp: 645644

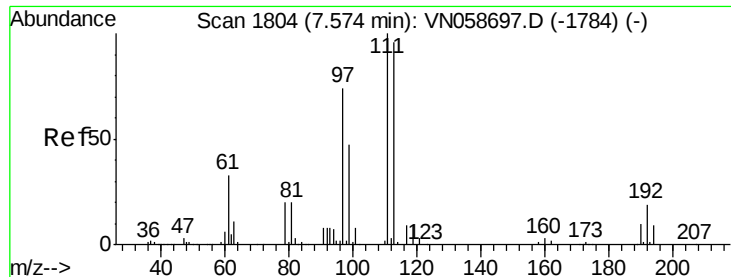
Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.8

88 15.9 0.0 32.0

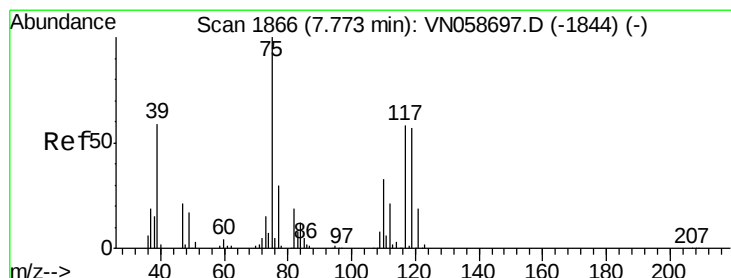
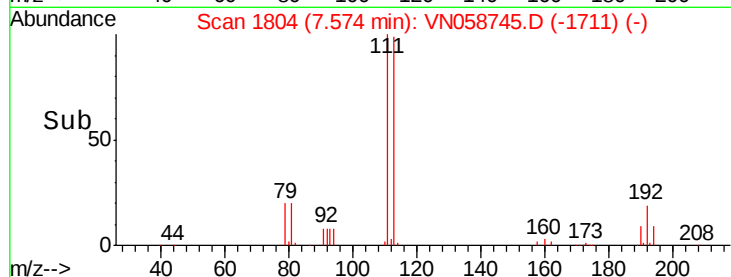
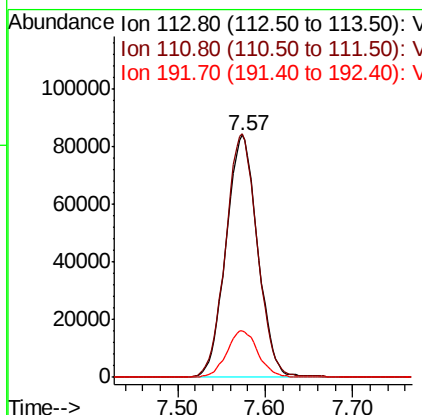
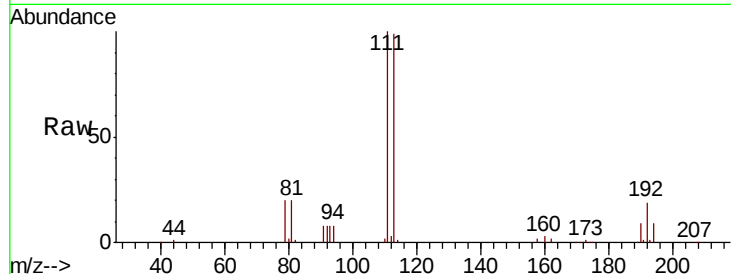




#35
Dibromofluoromethane
Concen: 52.911 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN058745.D
Acq: 14 Oct 2019 13:37

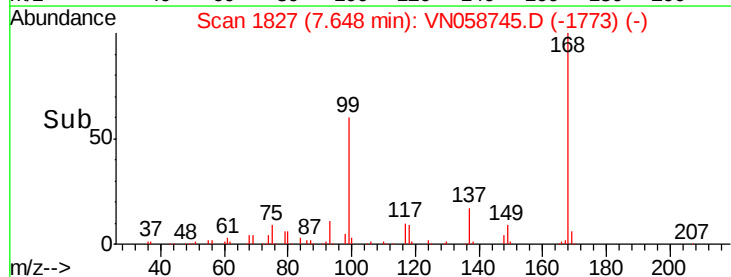
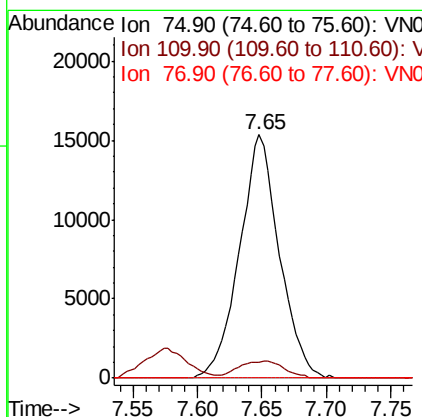
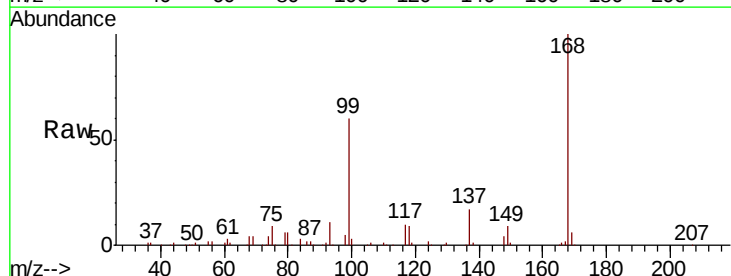
Instrument :
MSVOA_N
ClientSampleId :

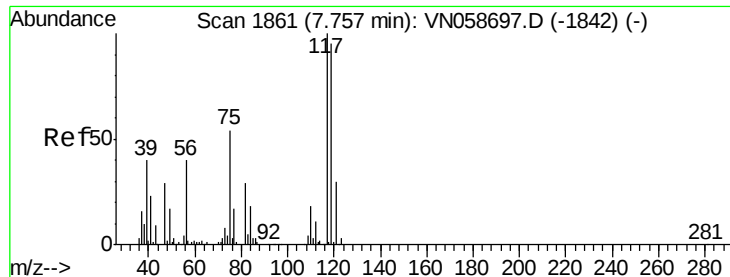
Tot Ion:113 Resp: 211009
Ion Ratio Lower Upper
113 100
111 100.3 82.3 123.5
192 19.0 15.0 22.6



#36
1,1-Dichloropropene
Concen: 5.059 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.13 min
Lab File: VN058745.D
Acq: 14 Oct 2019 13:37

Tgt Ion: 75 Resp: 33027
Ion Ratio Lower Upper
75 100
110 8.0 16.6 49.8#
77 0.0 24.6 37.0#

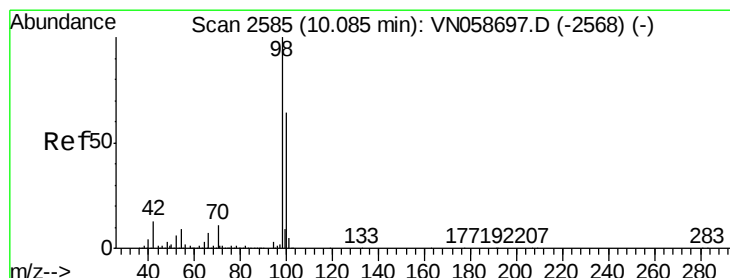
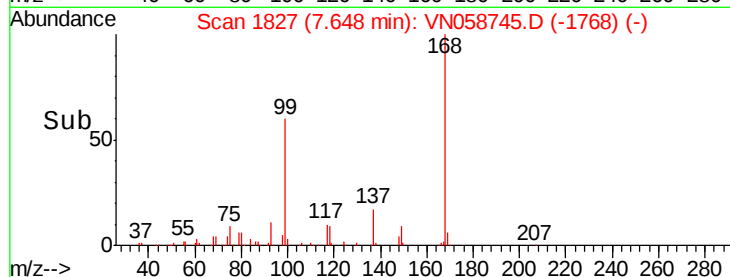
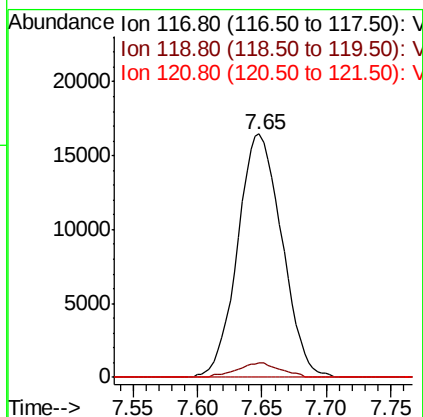
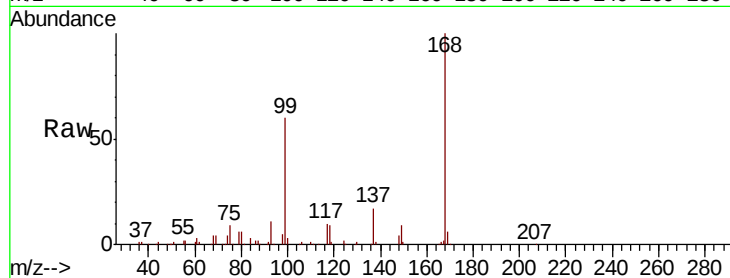




#38
Carbon Tetrachloride
Concen: 6.185 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.11 min
Lab File: VN058745.D
Acq: 14 Oct 2019 13:37

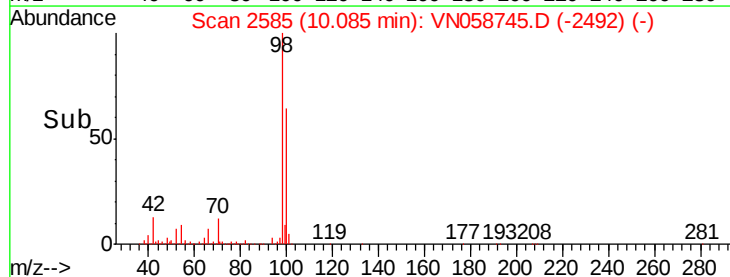
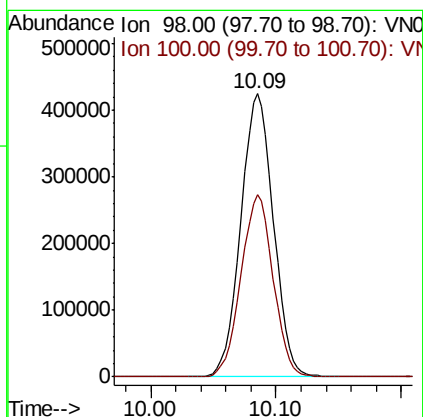
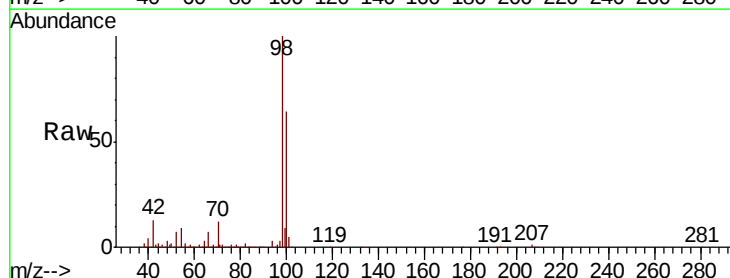
Instrument :
MSVOA_N
ClientSampleId :

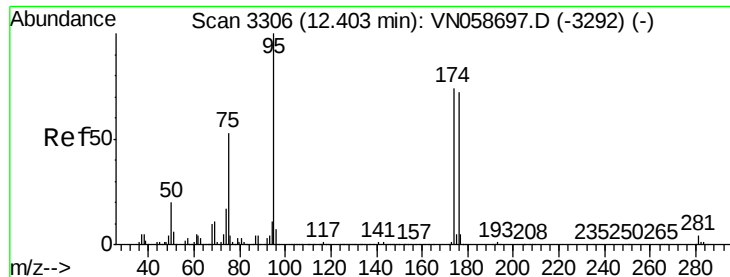
Tot Ion:117 Resp: 39351
Ion Ratio Lower Upper
117 100
119 5.9 75.7 113.5#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 48.151 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058745.D
Acq: 14 Oct 2019 13:37

Tgt Ion: 98 Resp: 767886
Ion Ratio Lower Upper
98 100
100 63.6 51.1 76.7





#62

4-Bromofluorobenzene

Concen: 43.120 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058745.D

Acq: 14 Oct 2019 13:37

Instrument :

MSVOA_N

ClientSampleId :

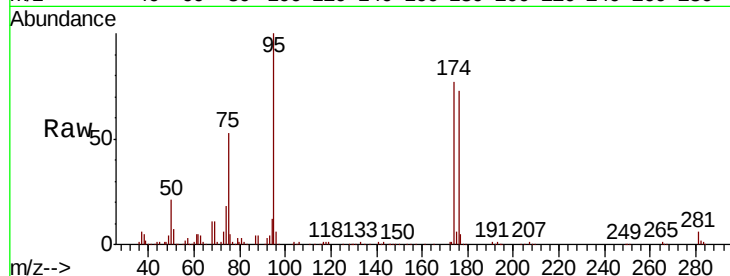
Tot Ion: 95 Resp: 260297

Ion Ratio Lower Upper

95 100

174 76.2 0.0 150.4

176 73.2 0.0 146.8



Abundance Ion 94.90 (94.60 to 95.60): VN058697.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN058697.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN058697.D (-3292) (-)

12.41

150000

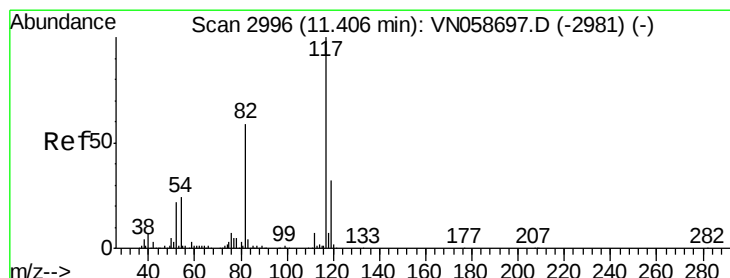
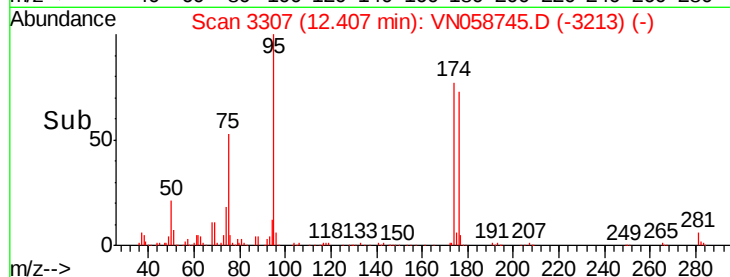
100000

50000

0

12.35 12.40 12.45

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058745.D

Acq: 14 Oct 2019 13:37

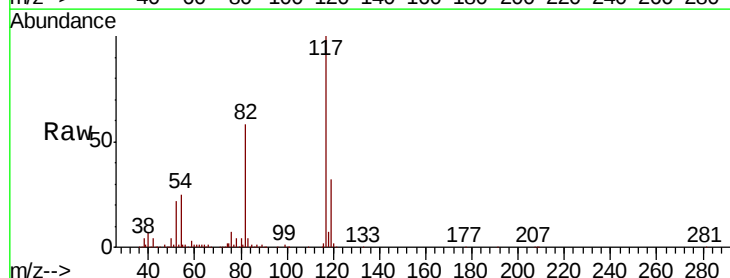
Tgt Ion: 117 Resp: 582010

Ion Ratio Lower Upper

117 100

82 58.1 47.0 70.4

119 31.7 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): VN058697.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN058697.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN058697.D (-2981) (-)

11.41

400000

300000

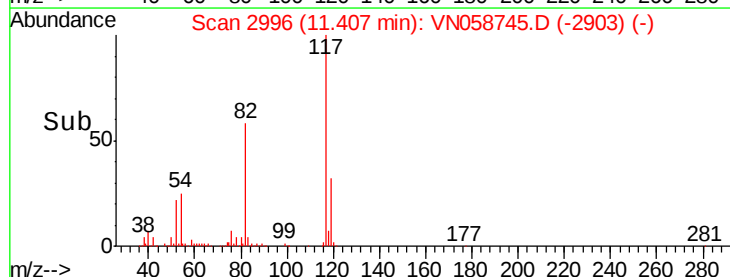
200000

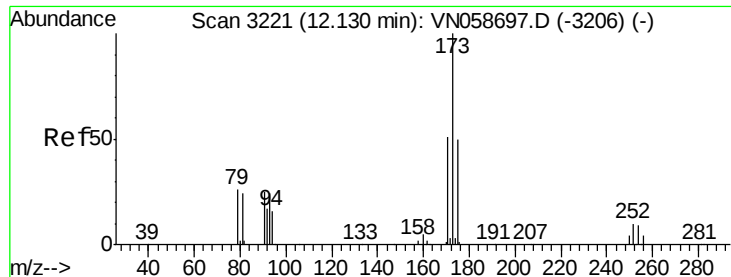
100000

0

11.30 11.40 11.50

Time-->





#71

Bromoform

Concen: 0.493 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN058745.D

Acq: 14 Oct 2019 13:37

Instrument :

MSVOA_N

ClientSampleId :

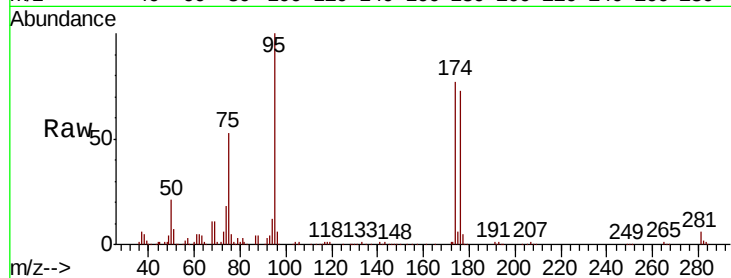
Tot Ion:173 Resp: 1580

Ion Ratio Lower Upper

173 100

175 814.1 24.6 73.8#

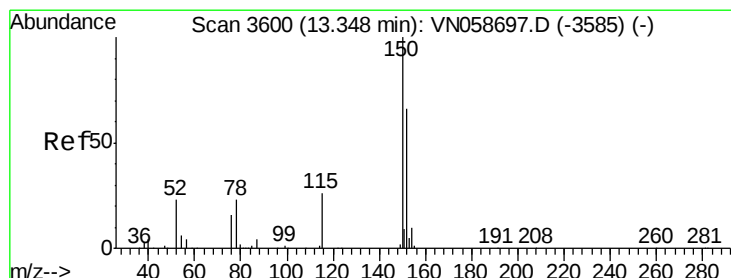
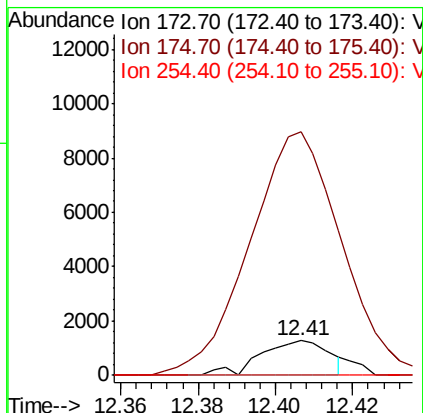
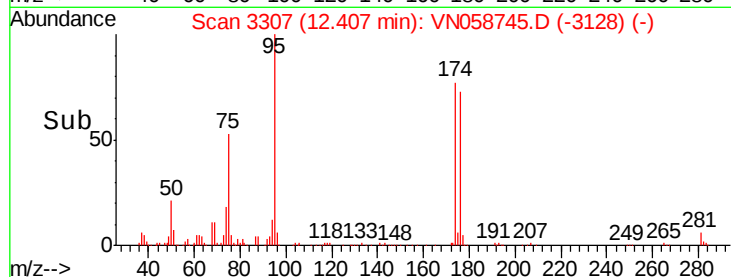
254 0.0 0.1 0.1#



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: VN058745.D

Acq: 14 Oct 2019 13:37

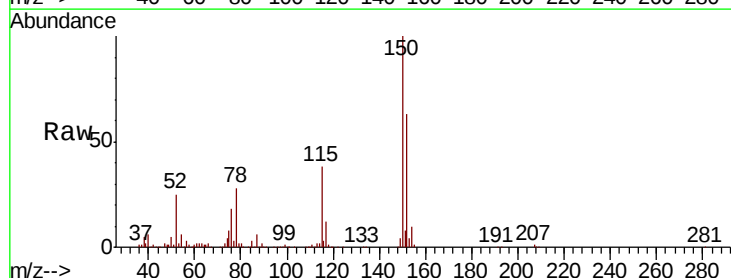
Tgt Ion:152 Resp: 236052

Ion Ratio Lower Upper

152 100

115 61.9 30.4 91.2

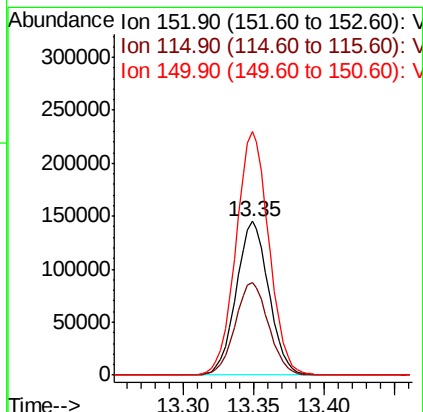
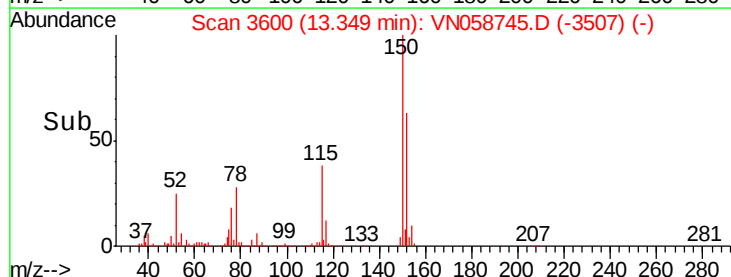
150 159.3 0.0 345.4

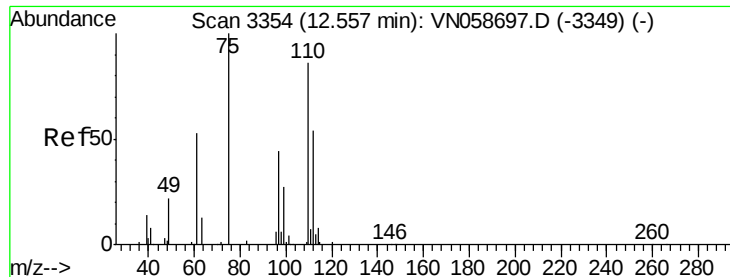


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 26.816 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058745.D

Acq: 14 Oct 2019 13:37

Instrument :

MSVOA_N

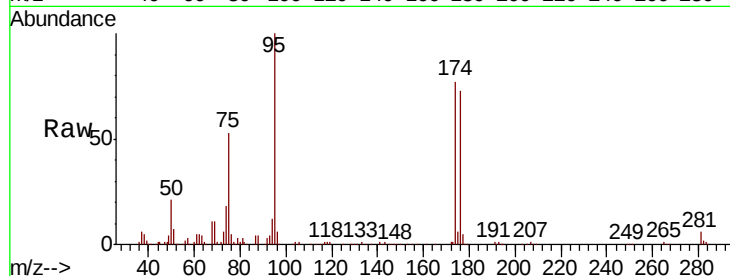
ClientSampleId :

Tot Ion: 75 Resp: 138862

Ion Ratio Lower Upper

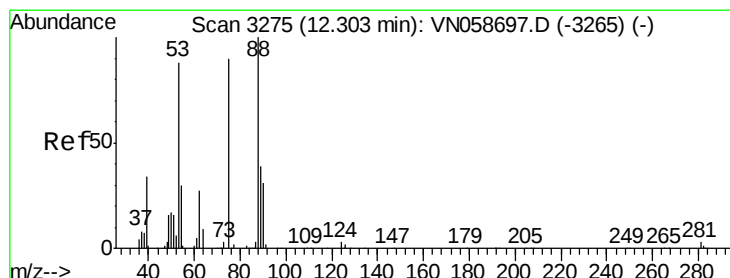
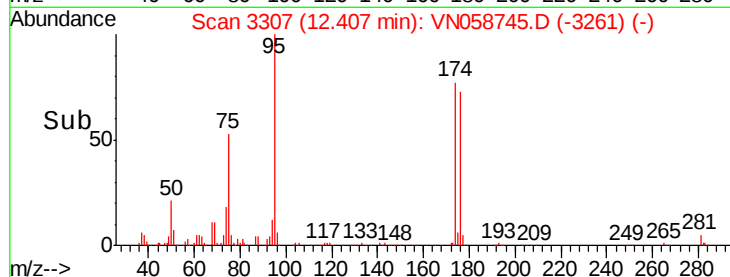
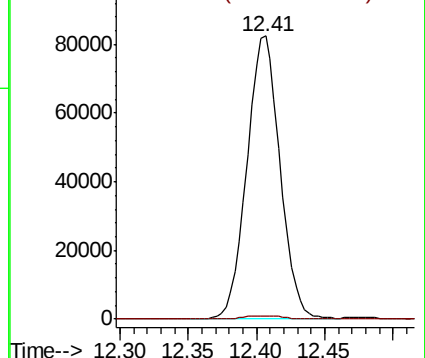
75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO



#81

trans-1,4-Dichloro-2-butene

Concen: 71.830 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058745.D

Acq: 14 Oct 2019 13:37

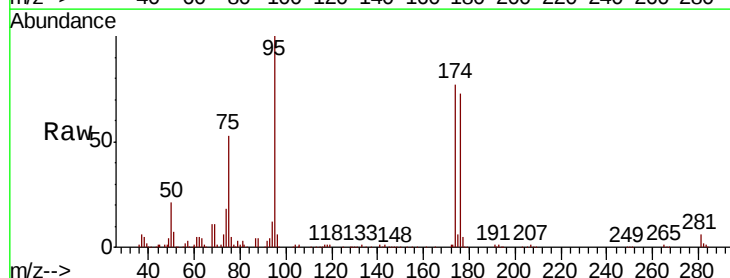
Tgt Ion: 75 Resp: 138862

Ion Ratio Lower Upper

75 100

53 0.0 78.4 117.6#

89 0.0 34.9 52.3#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

