

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101319\
 Data File : VN058723.D
 Acq On : 12 Oct 2019 00:05
 Operator : JC/SP
 Sample : VN1013WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 12 01:12:41 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	421126	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	665976	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	588401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	237337	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	303539	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
35) Dibromofluoromethane	7.57	113	215219	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
50) Toluene-d8	10.08	98	836273	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
62) 4-Bromofluorobenzene	12.40	95	278358	44.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.40%	

Target Compounds

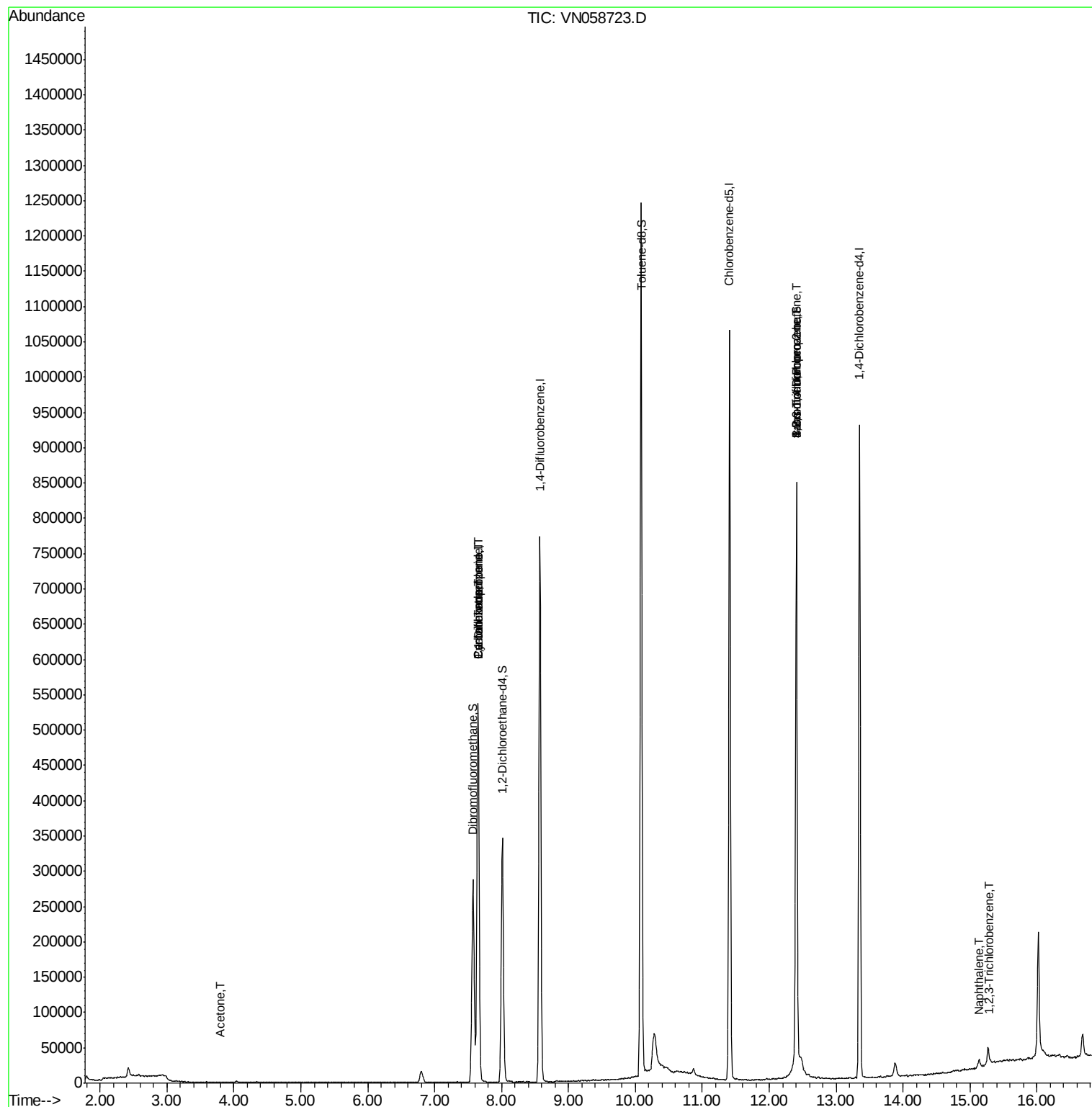
					Qvalue	
16) Acetone	3.80	43	1057	0.433	ug/l #	46
31) Cyclohexane	7.65	56	10429	1.206	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	35763	5.311	ug/l #	45
38) Carbon Tetrachloride	7.65	117	42796	6.521	ug/l #	17
71) Bromoform	12.40	173	1744	0.538	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	147672	28.362	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	147672	75.974	ug/l #	11
95) Naphthalene	15.14	128	3192	0.242	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.30	180	1129	0.252	ug/l	76

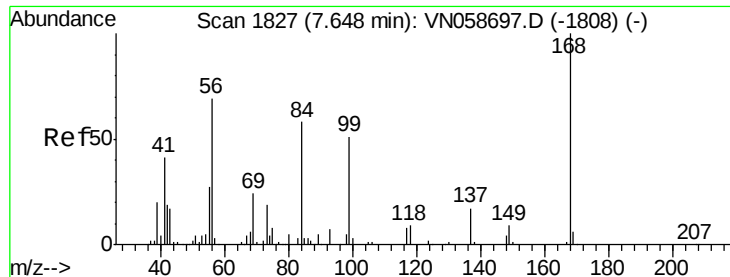
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101319\
Data File : VN058723.D
Acq On : 12 Oct 2019 00:05
Operator : JC/SP
Sample : VN1013WBL02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Oct 12 01:12:41 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# 1828

Delta R.T. 0.00 min

Lab File: VN058723.D

Acq: 12 Oct 2019 00:05

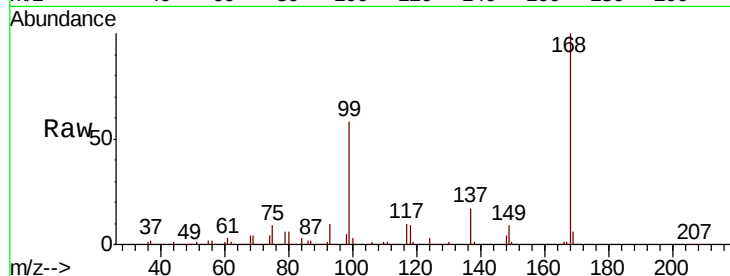
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 421126

Ion Ratio Lower Upper

168 100

99 58.1 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VN058723.D (-1734) (-)

Ion 98.90 (98.60 to 99.60): VN058723.D (-1734) (-)

7.65

200000

150000

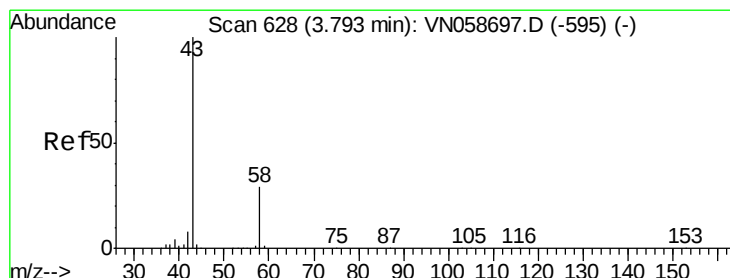
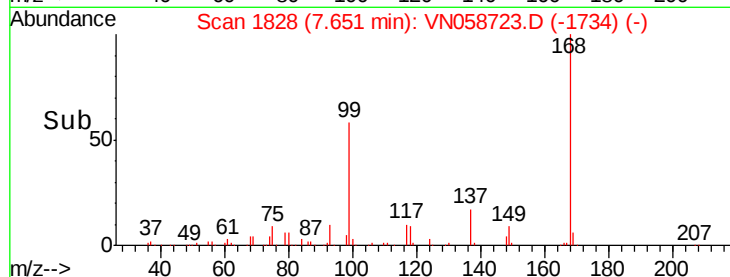
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 0.433 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058723.D

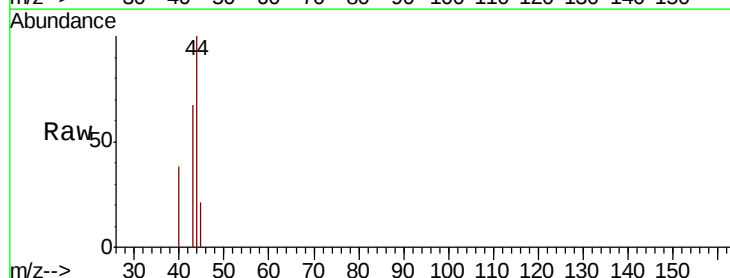
Acq: 12 Oct 2019 00:05

Tgt Ion: 43 Resp: 1057

Ion Ratio Lower Upper

43 100

58 0.0 23.3 34.9#



Abundance Ion 43.00 (42.70 to 43.70): VN058723.D (-535) (-)

Ion 58.00 (57.70 to 58.70): VN058723.D (-535) (-)

3.80

500

400

300

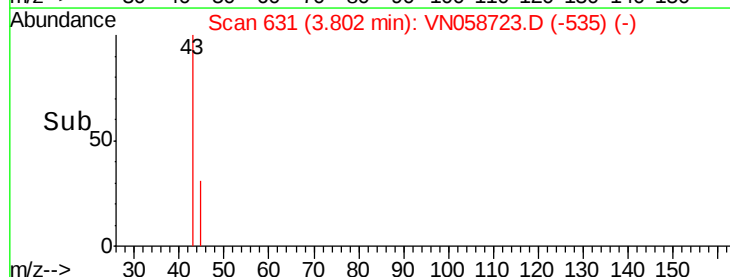
200

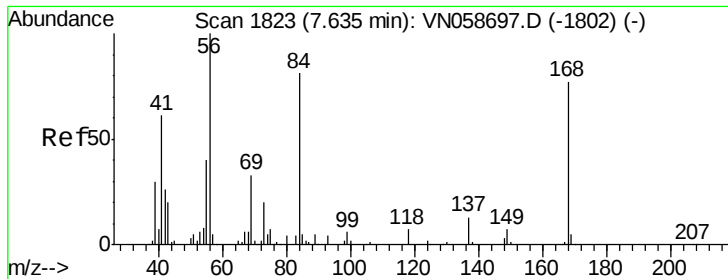
100

0

3.75 3.80

Time-->





#31

Cyclohexane

Concen: 1.206 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.02 min

Lab File: VN058723.D

Acq: 12 Oct 2019 00:05

Instrument :
MSVOA_N
ClientSampled :

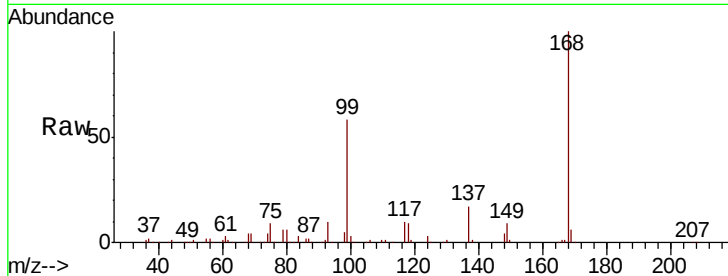
Tot Ion: 56 Resp: 10429

Ion Ratio Lower Upper

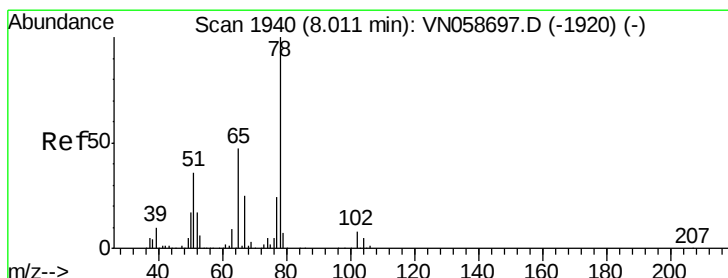
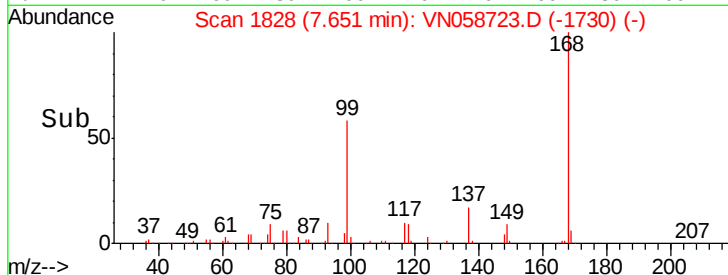
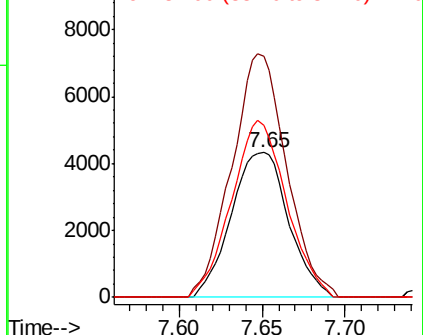
56 100

69 167.0 26.2 39.4#

84 118.9 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



#33

1,2-Dichloroethane-d4

Concen: 51.485 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058723.D

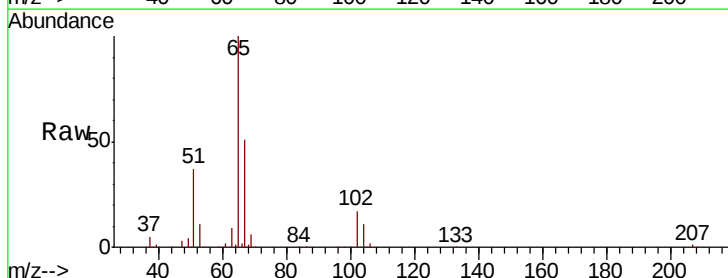
Acq: 12 Oct 2019 00:05

Tgt Ion: 65 Resp: 303539

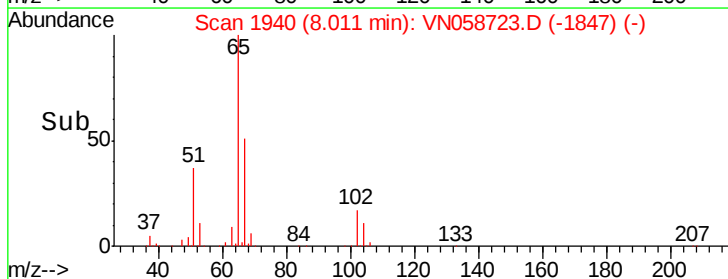
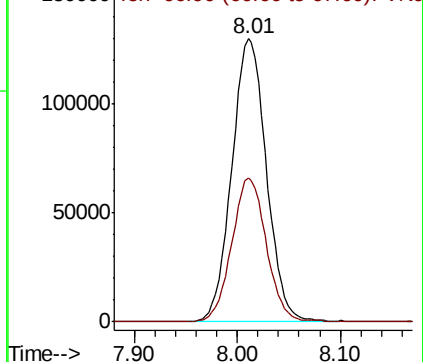
Ion Ratio Lower Upper

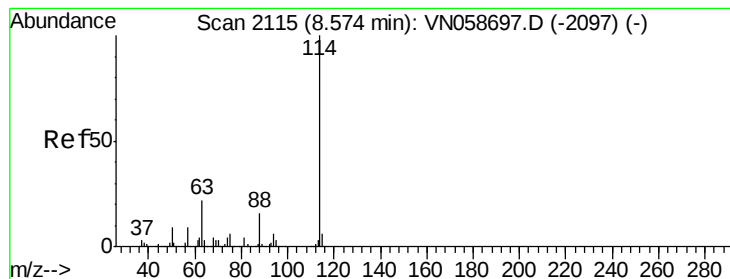
65 100

67 51.1 0.0 103.8



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: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN058723.D

Acq: 12 Oct 2019 00:05

Instrument :

MSVOA_N

ClientSampleId :

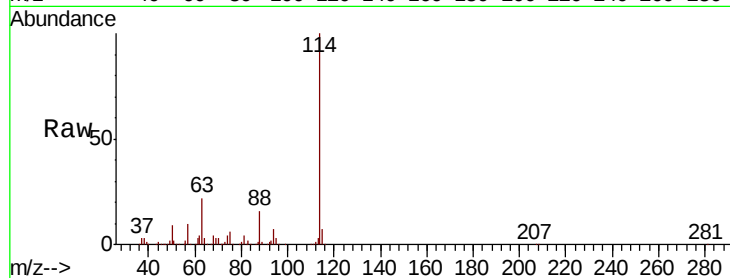
Tot Ion:114 Resp: 665976

Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.8

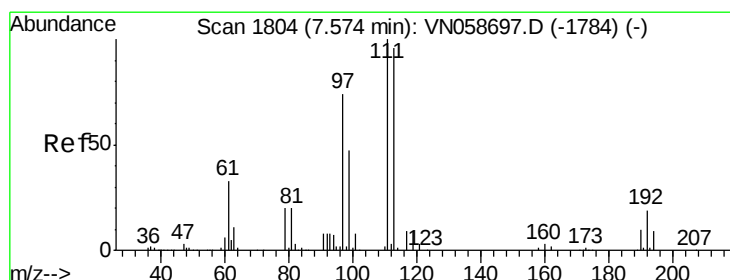
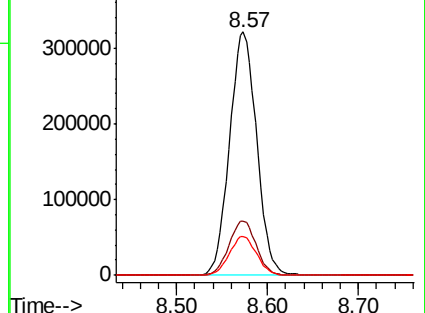
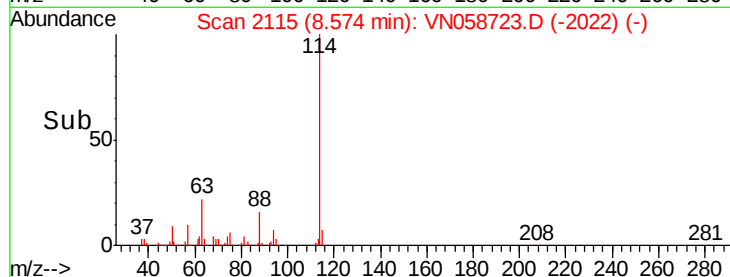
88 16.0 0.0 32.0



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: 52.319 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN058723.D

Acq: 12 Oct 2019 00:05

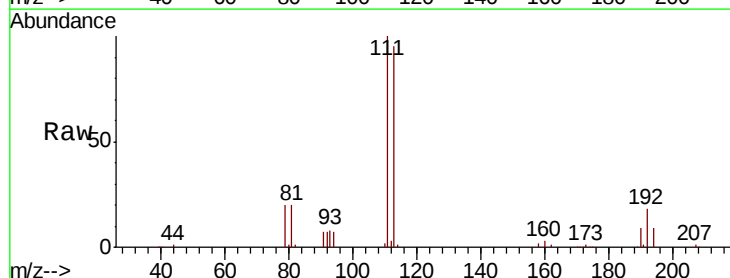
Tgt Ion:113 Resp: 215219

Ion Ratio Lower Upper

113 100

111 103.9 82.3 123.5

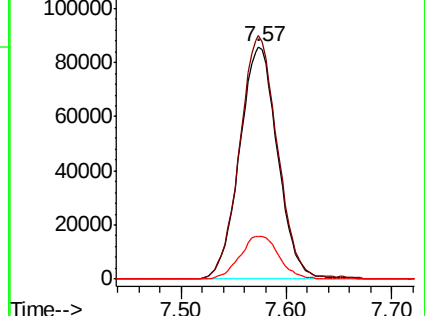
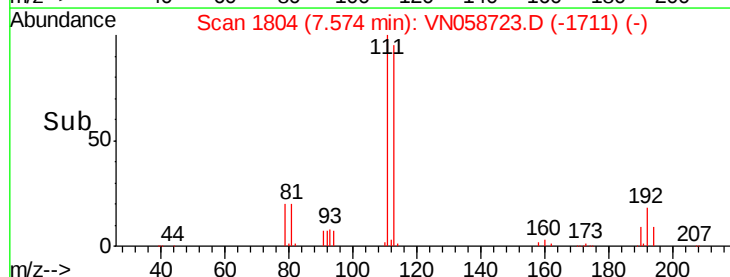
192 19.0 15.0 22.6

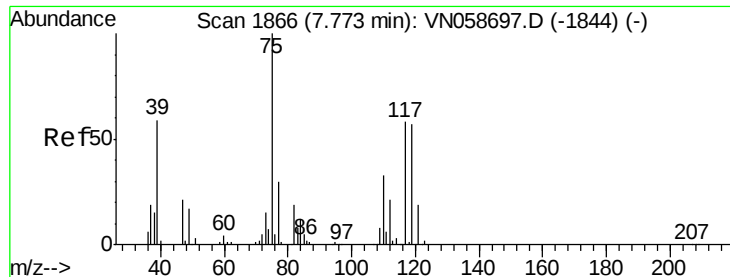


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

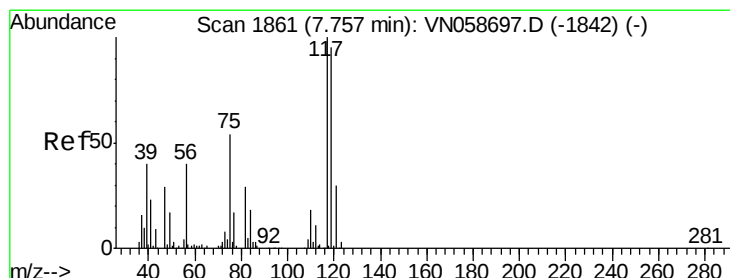
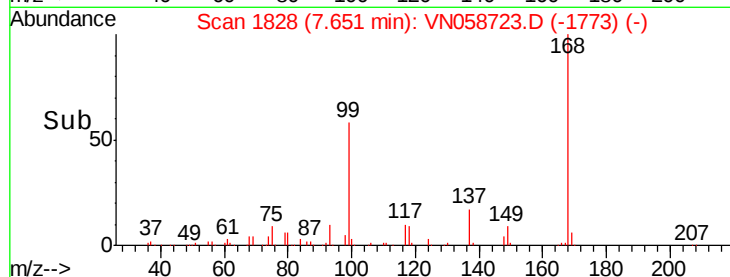
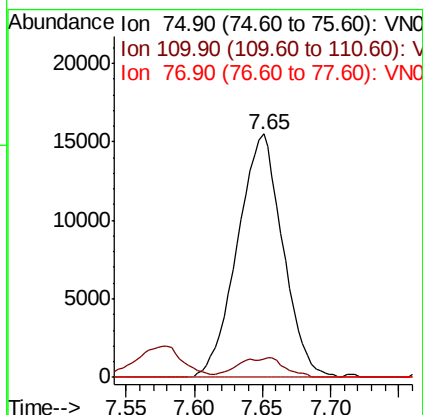
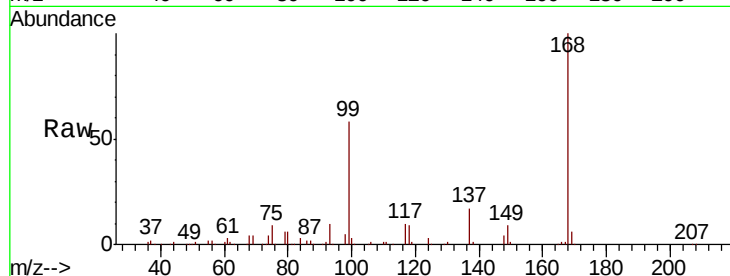




#36
 1,1-Dichloropropene
 Concen: 5.311 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.12 min
 Lab File: VN058723.D
 Acq: 12 Oct 2019 00:05

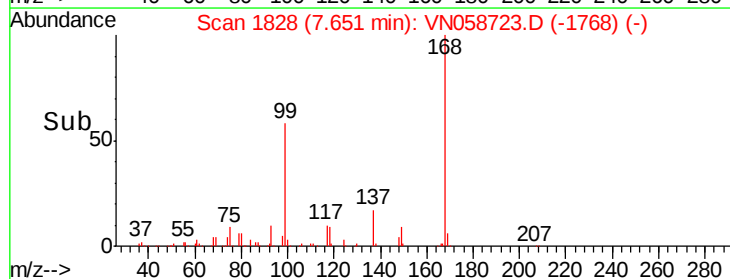
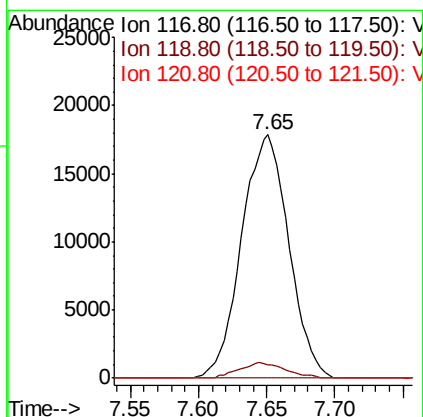
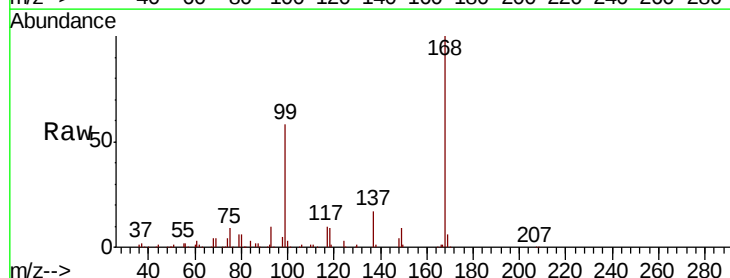
Instrument :
 MSVOA_N
 ClientSampleId :

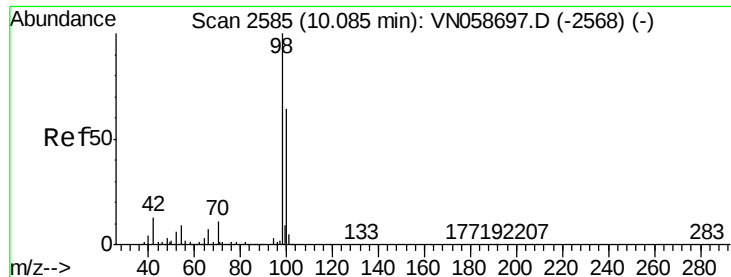
Tot Ion	75	Resp	35763
Ion Ratio	Lower	Upper	
75	100		
110	3.2	16.6	49.8#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 6.521 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.11 min
 Lab File: VN058723.D
 Acq: 12 Oct 2019 00:05

Tgt Ion	117	Resp	42796
Ion Ratio	Lower	Upper	
117	100		
119	5.4	75.7	113.5#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 50.838 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058723.D

Acq: 12 Oct 2019 00:05

Instrument :

MSVOA_N

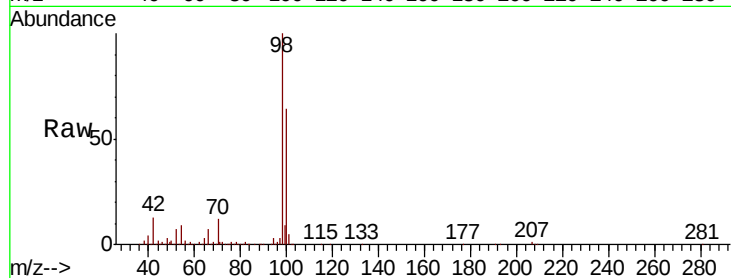
ClientSampleId :

Tot Ion: 98 Resp: 836273

Ion Ratio Lower Upper

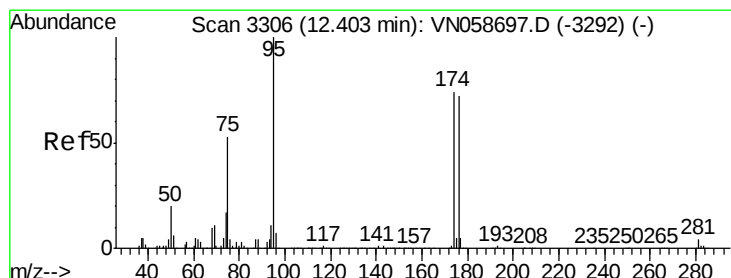
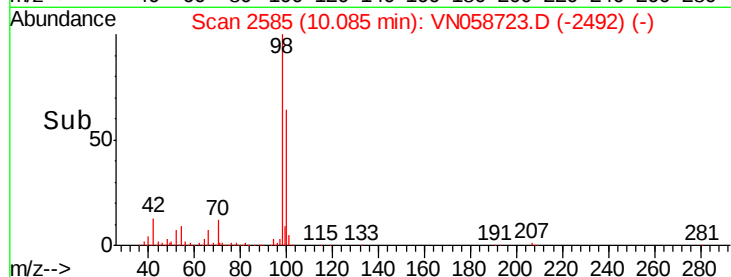
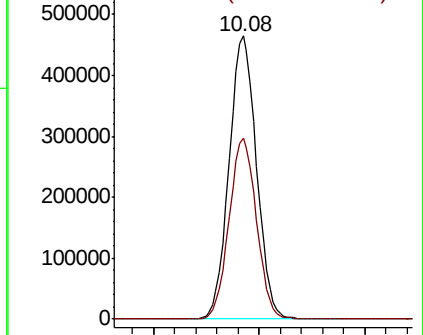
98 100

100 63.9 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 44.704 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN058723.D

Acq: 12 Oct 2019 00:05

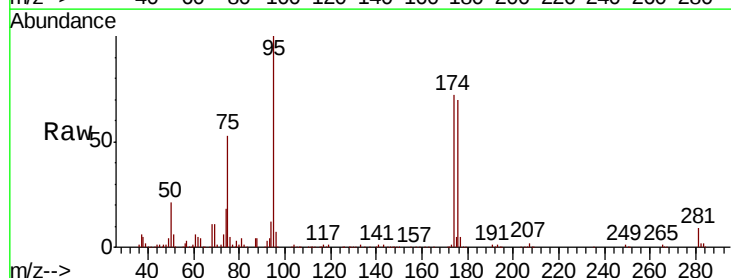
Tgt Ion: 95 Resp: 278358

Ion Ratio Lower Upper

95 100

174 74.5 0.0 150.4

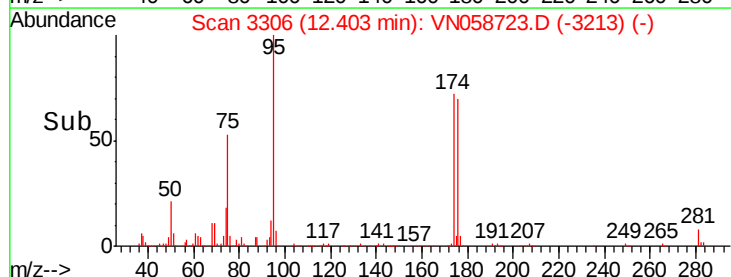
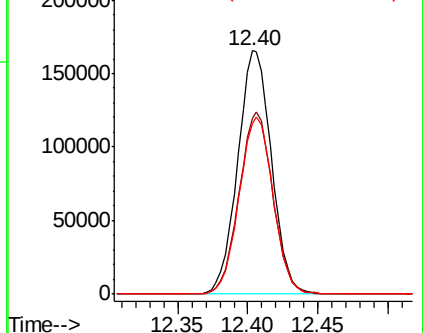
176 73.4 0.0 146.8

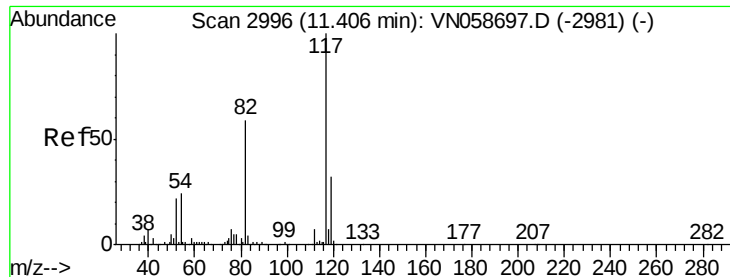


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

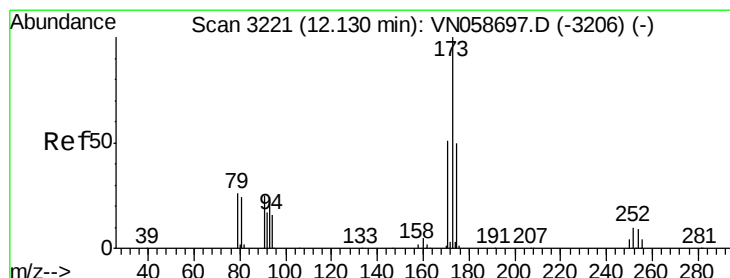
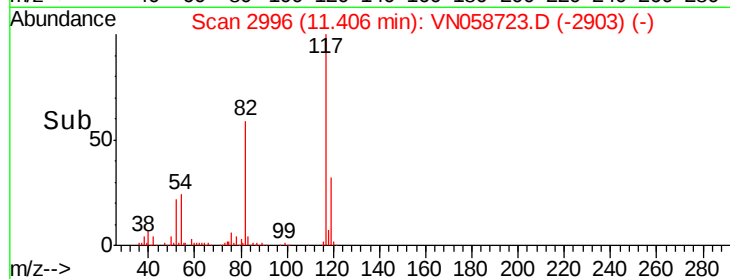
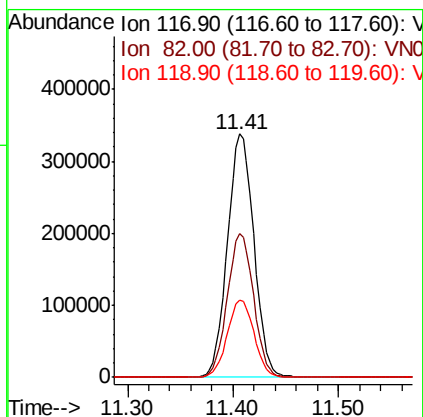
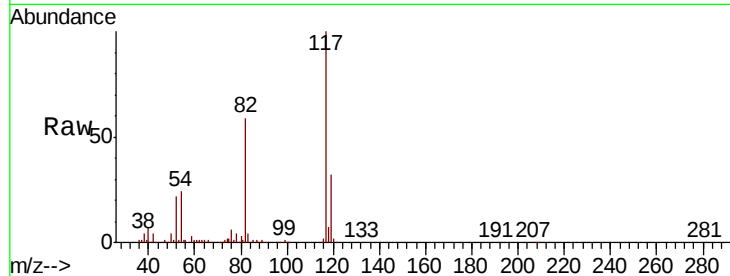




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058723.D
Acq: 12 Oct 2019 00:05

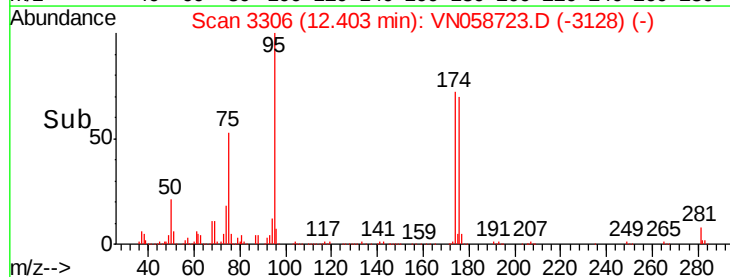
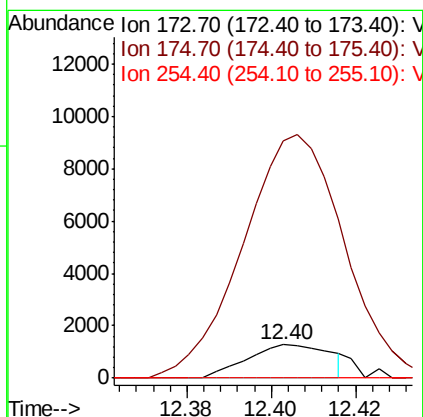
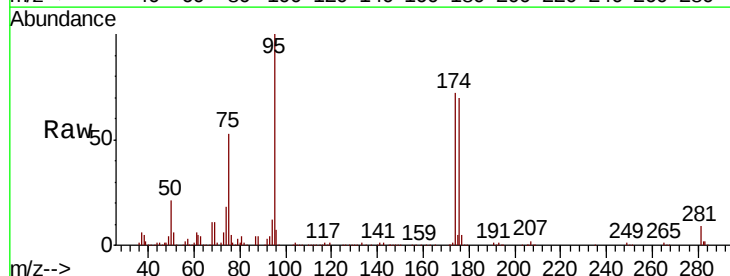
Instrument :
MSVOA_N
ClientSampled :

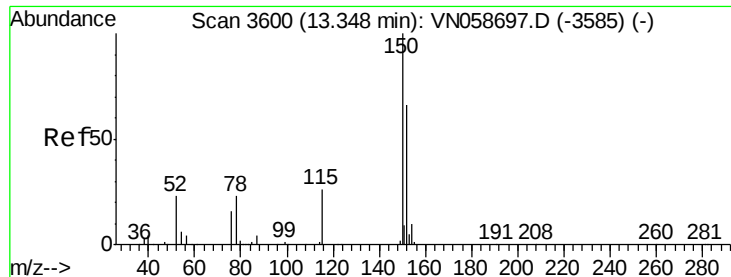
Tot Ion:117 Resp: 588401
Ion Ratio Lower Upper
117 100
82 59.0 47.0 70.4
119 31.9 25.4 38.2



#71
Bromoform
Concen: 0.538 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.27 min
Lab File: VN058723.D
Acq: 12 Oct 2019 00:05

Tgt Ion:173 Resp: 1744
Ion Ratio Lower Upper
173 100
175 773.6 24.6 73.8#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN058723.D

Acq: 12 Oct 2019 00:05

Instrument :

MSVOA_N

ClientSampleId :

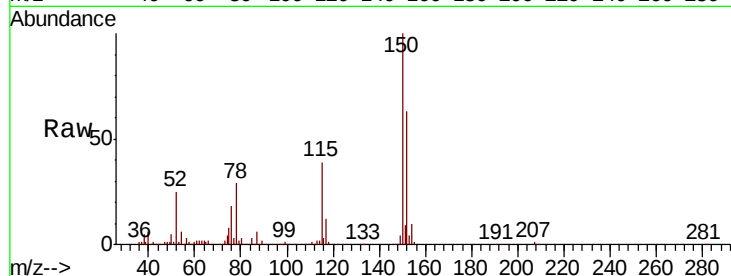
Tot Ion:152 Resp: 237337

Ion Ratio Lower Upper

152 100

115 60.1 30.4 91.2

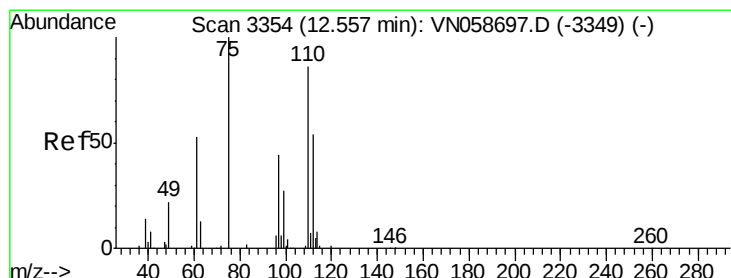
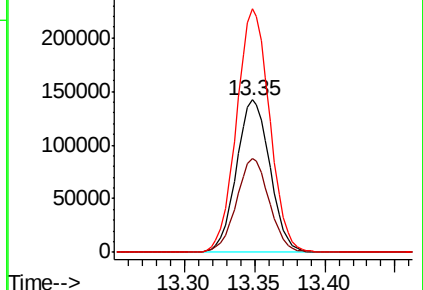
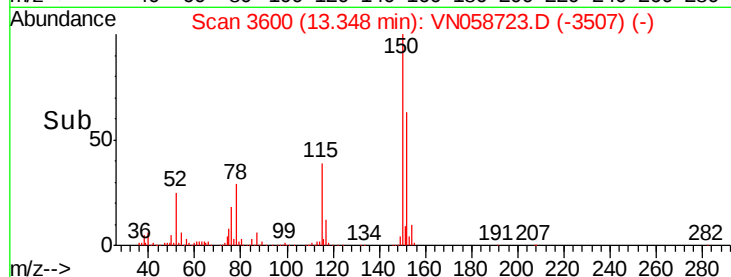
150 157.6 0.0 345.4



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: 28.362 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN058723.D

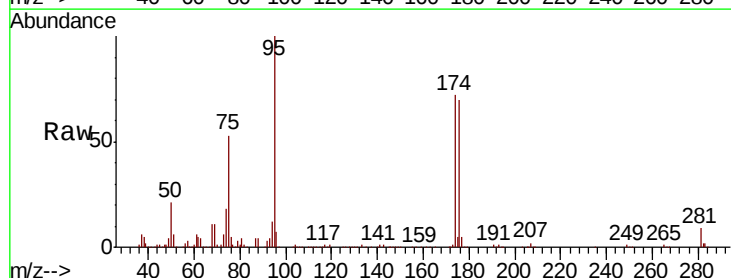
Acq: 12 Oct 2019 00:05

Tgt Ion: 75 Resp: 147672

Ion Ratio Lower Upper

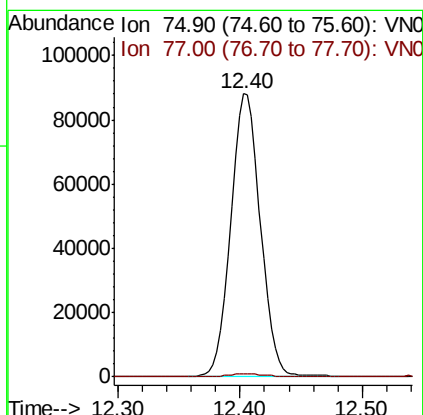
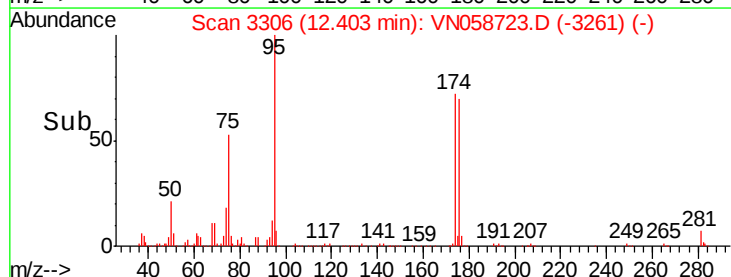
75 100

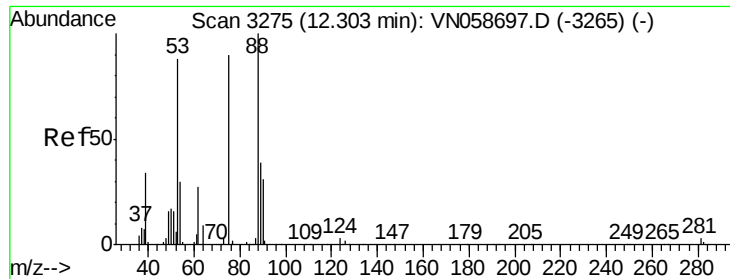
77 1.4 0.0 0.0#



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: 75.974 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN058723.D

Acq: 12 Oct 2019 00:05

Instrument :

MSVOA_N

ClientSampled :

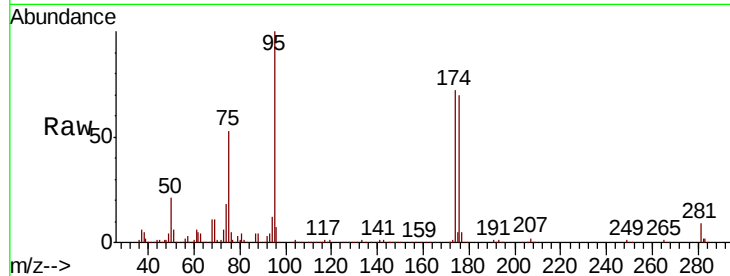
Tot Ion: 75 Resp: 147672

Ion Ratio Lower Upper

75 100

53 0.0 78.4 117.6#

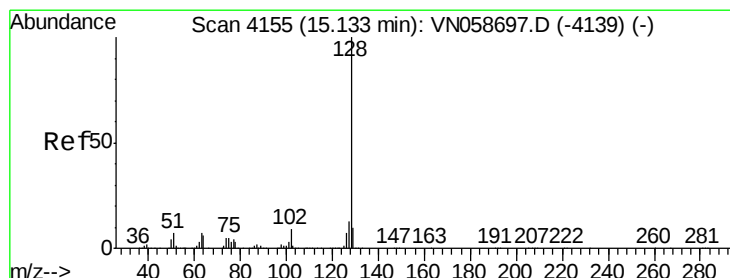
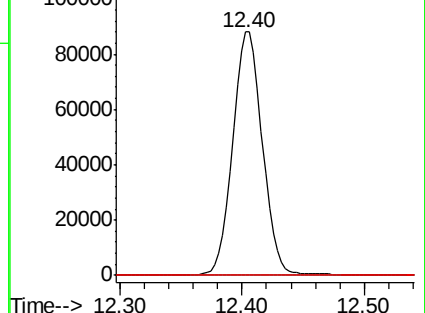
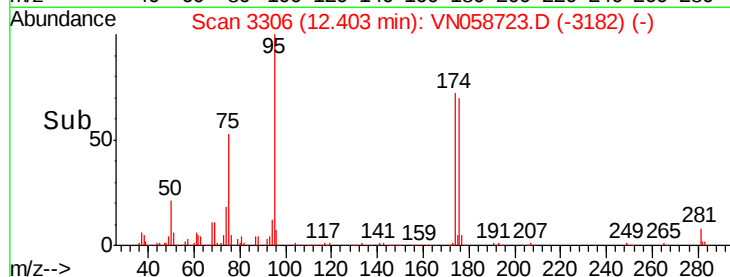
89 0.0 34.9 52.3#



Abundance Ion 74.90 (74.60 to 75.60): VN058723.D (-3182) (-)

Ion 53.00 (52.70 to 53.70): VN058723.D (-3182) (-)

Ion 88.90 (88.60 to 89.60): VN058723.D (-3182) (-)



#95

Naphthalene

Concen: 0.242 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN058723.D

Acq: 12 Oct 2019 00:05

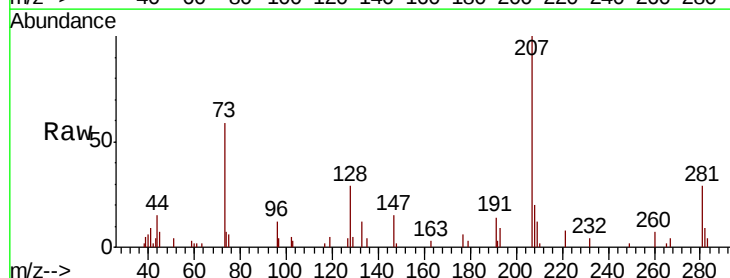
Tgt Ion: 128 Resp: 3192

Ion Ratio Lower Upper

128 100

127 15.5 10.2 15.4#

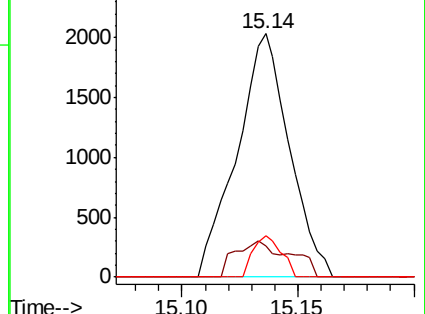
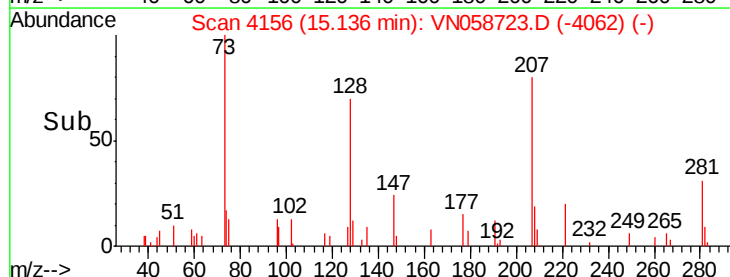
129 9.1 8.5 12.7

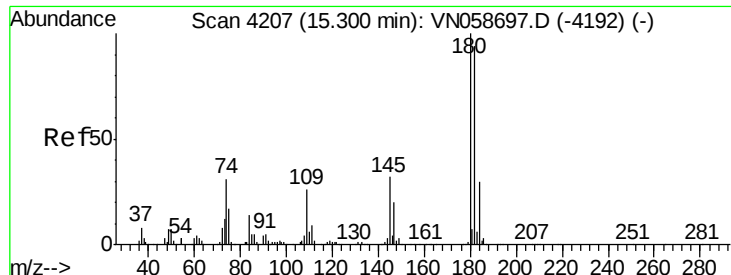


Abundance Ion 128.00 (127.70 to 128.70): VN058723.D (-4062) (-)

Ion 127.00 (126.70 to 127.70): VN058723.D (-4062) (-)

Ion 129.00 (128.70 to 129.70): VN058723.D (-4062) (-)





#96
 1,2,3-Trichlorobenzene
 Concen: 0.252 ug/l
 RT: 15.30 min Scan# 4207
 Delta R.T. -0.00 min
 Lab File: VN058723.D
 Acq: 12 Oct 2019 00:05

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	180	Resp:	1129
Ion	Ratio	Lower	Upper
180	100		
182	68.3	47.3	142.0
145	24.6	16.2	48.6

