

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111919\
 Data File : VN059298.D
 Acq On : 19 Nov 2019 11:24
 Operator : JC/SP
 Sample : VN1119MBL01
 Misc : 5.00g/10mL/100ul/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 20 00:41:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

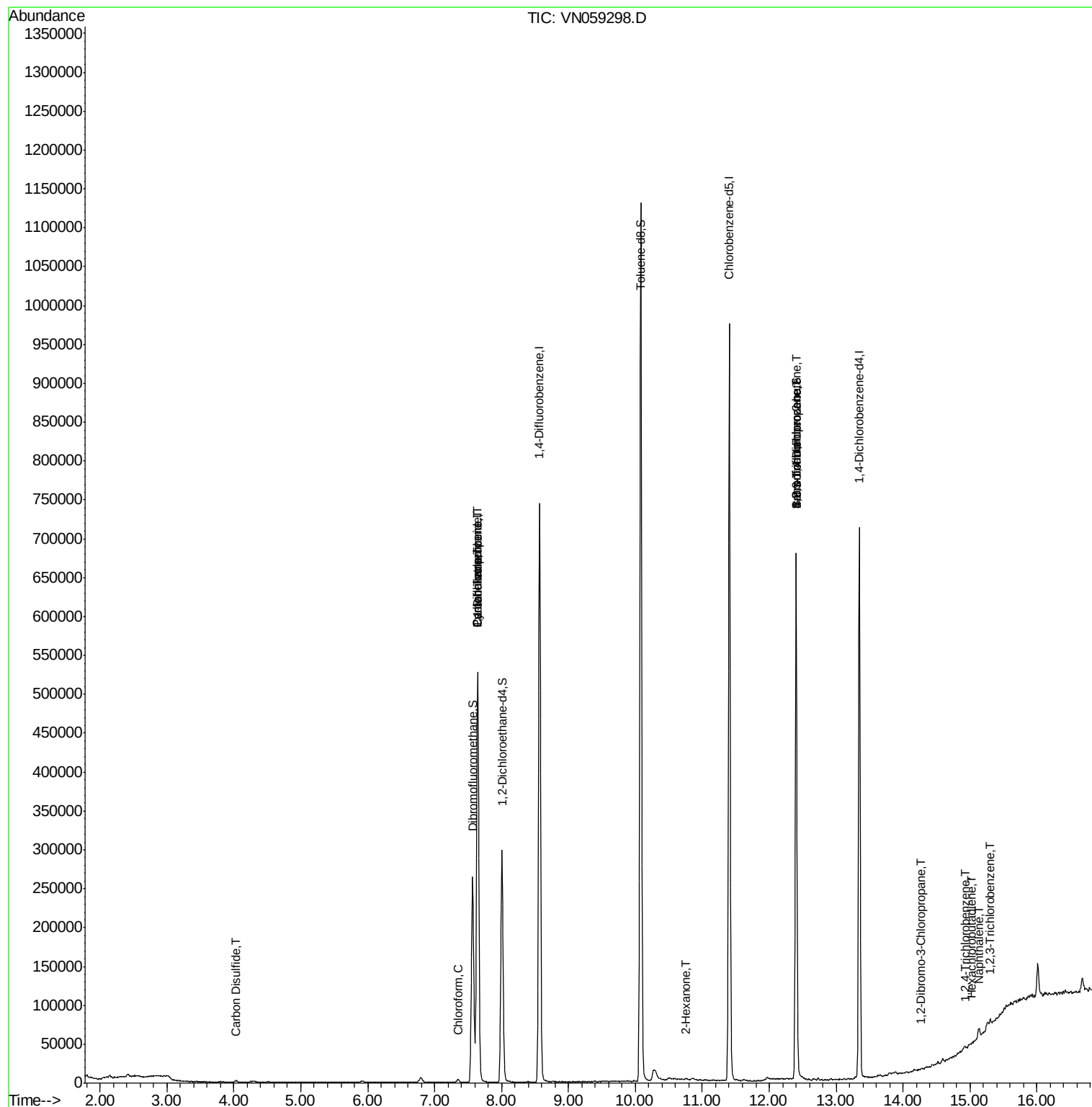
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	443300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	690237	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	580118	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	196946	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	259927	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
35) Dibromofluoromethane	7.57	113	206065	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	10.08	98	827062	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.40	95	251509	42.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.94%	
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.03	76	3460	0.270	ug/l #	75
30) Chloroform	7.35	83	4584	0.533	ug/l	99
31) Cyclohexane	7.64	56	8357	0.985	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	33165	5.140	ug/l #	50
38) Carbon Tetrachloride	7.64	117	41906	6.526	ug/l #	17
59) 2-Hexanone	10.75	43	1297	0.261	ug/l	92
71) Bromoform	12.41	173	1390	0.421	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	121295	27.052	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	121295	71.451	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	14.26	75	192	0.224	ug/l #	3
93) 1,2,4-Trichlorobenzene	14.92	180	1629	3.462	ug/l	91
94) Hexachlorobutadiene	15.01	225	436	0.209	ug/l	97
95) Naphthalene	15.13	128	9446	3.914	ug/l	97
96) 1,2,3-Trichlorobenzene	15.30	180	2764	0.813	ug/l	93

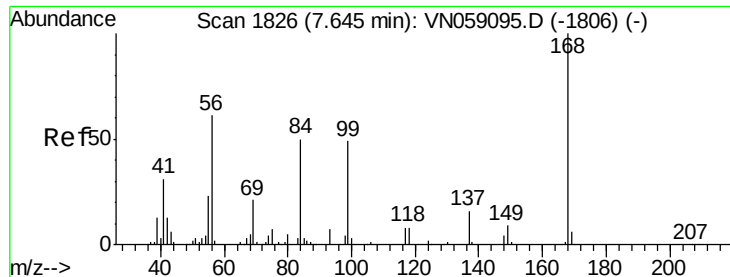
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111919\
Data File : VN059298.D
Acq On : 19 Nov 2019 11:24
Operator : JC/SP
Sample : VN1119MBL01
Misc : 5.00g/10mL/100ul/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 20 00:41:27 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059298.D

Acq: 19 Nov 2019 11:24

Instrument :

MSVOA_N

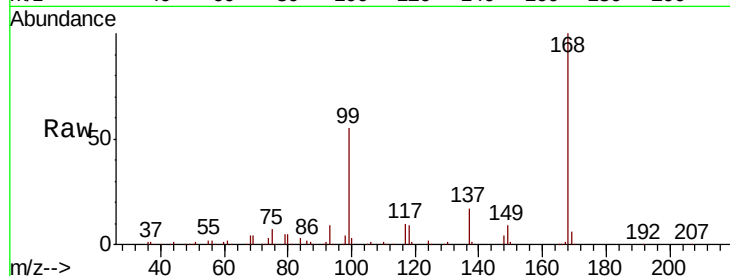
ClientSampled :

Tot Ion:168 Resp: 443300

Ion Ratio Lower Upper

168 100

99 54.9 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VN059298.D (-1733) (-)

Ion 98.90 (98.60 to 99.60): VN059298.D (-1733) (-)

7.64

200000

150000

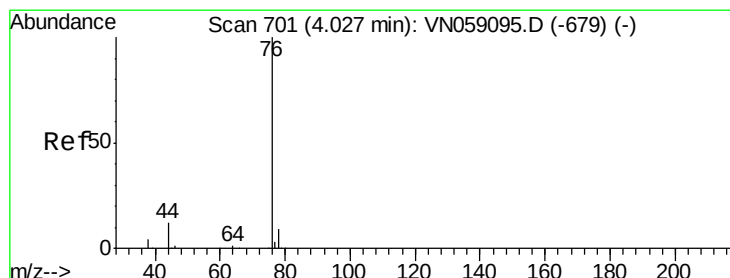
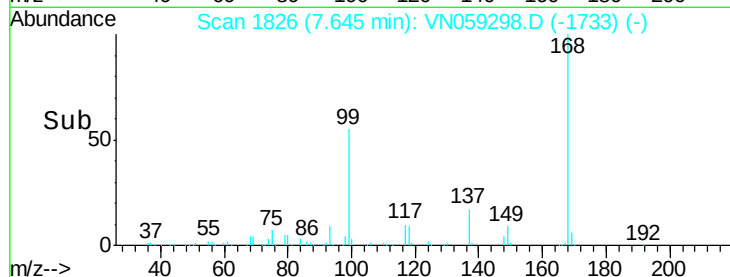
100000

50000

0

7.60 7.70

Time-->



#17

Carbon Disulfide

Concen: 0.270 ug/l

RT: 4.03 min Scan# 703

Delta R.T. 0.01 min

Lab File: VN059298.D

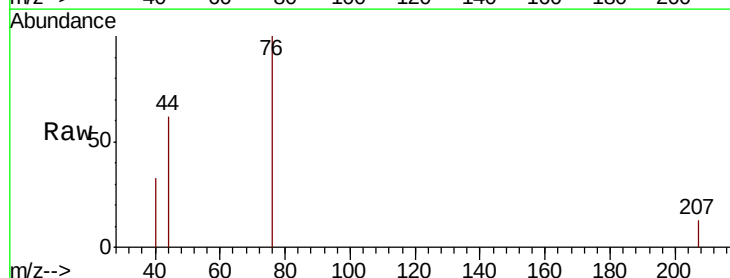
Acq: 19 Nov 2019 11:24

Tgt Ion: 76 Resp: 3460

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VN059298.D (-608) (-)

Ion 77.90 (77.60 to 78.60): VN059298.D (-608) (-)

4.03

1500

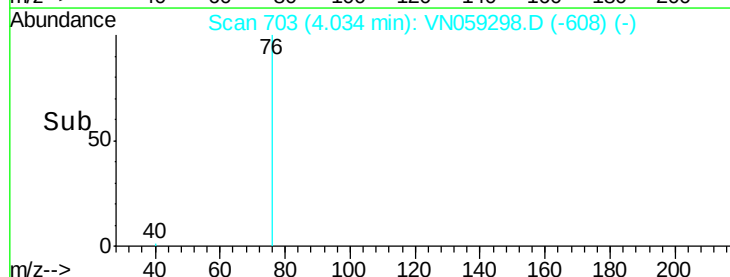
1000

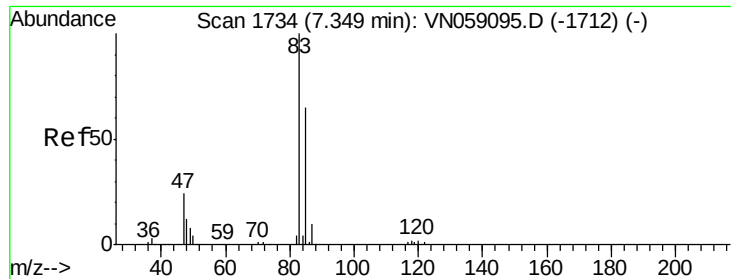
500

0

4.00 4.05 4.10

Time-->

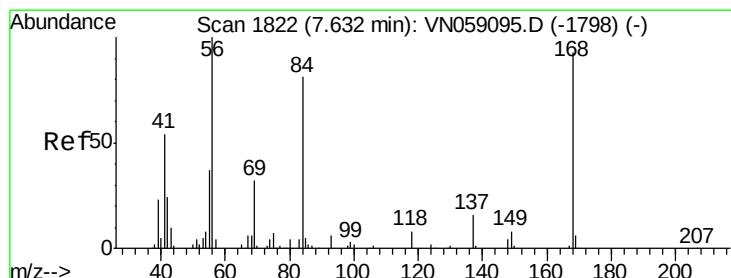
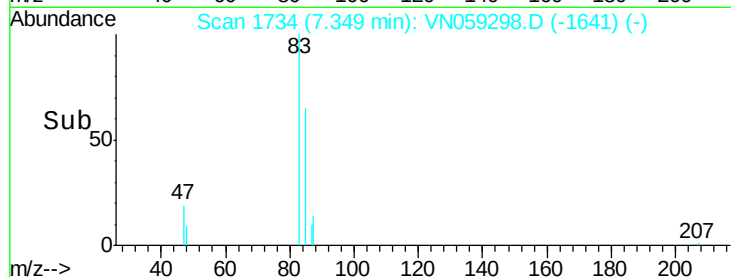
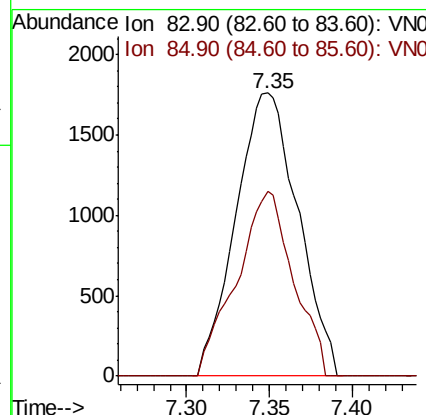
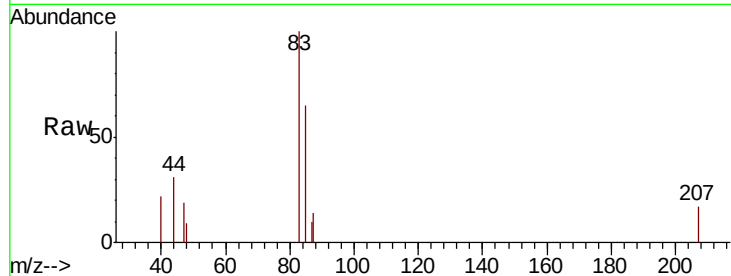




#30
Chloroform
Concen: 0.533 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059298.D
Acq: 19 Nov 2019 11:24

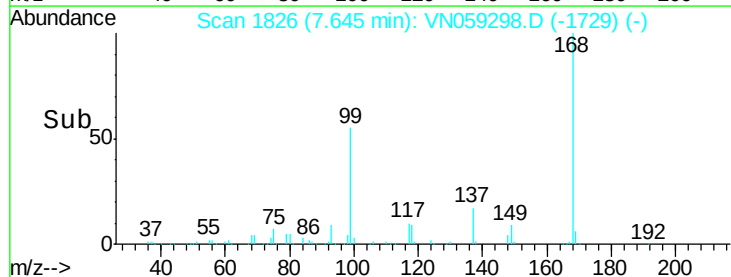
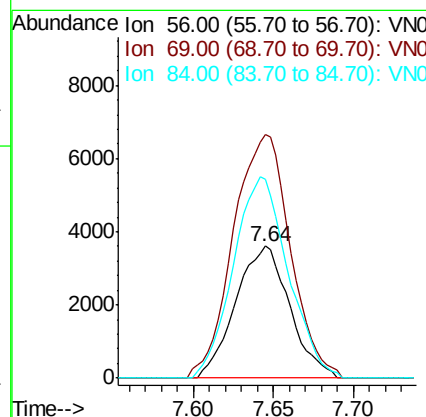
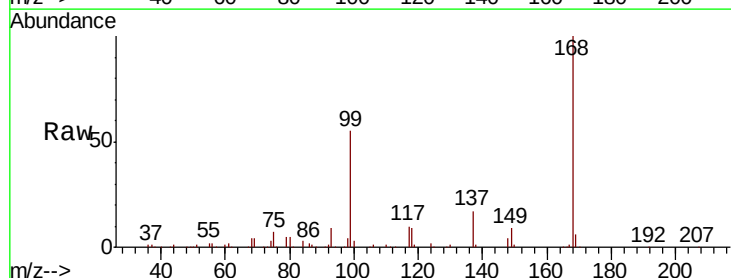
Instrument :
MSVOA_N
ClientSampleId :

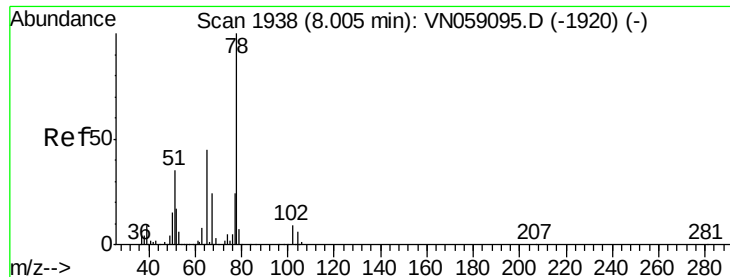
Tot Ion: 83 Resp: 4584
Ion Ratio Lower Upper
83 100
85 65.2 51.8 77.8



#31
Cyclohexane
Concen: 0.985 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN059298.D
Acq: 19 Nov 2019 11:24

Tgt Ion: 56 Resp: 8357
Ion Ratio Lower Upper
56 100
69 184.2 25.8 38.8#
84 150.3 65.0 97.4#

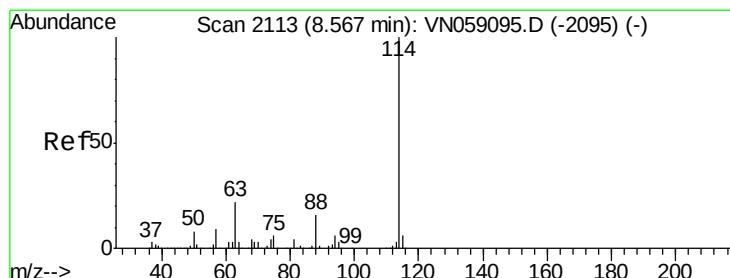
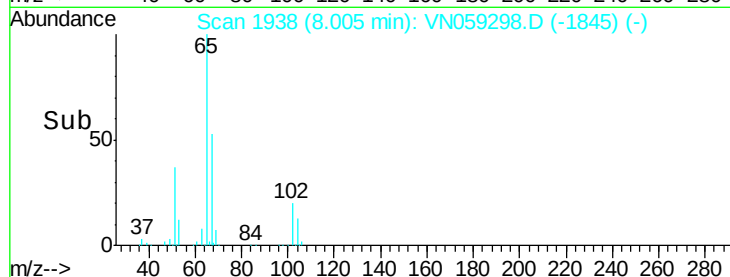
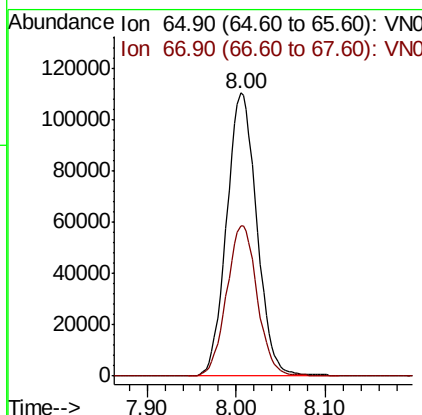
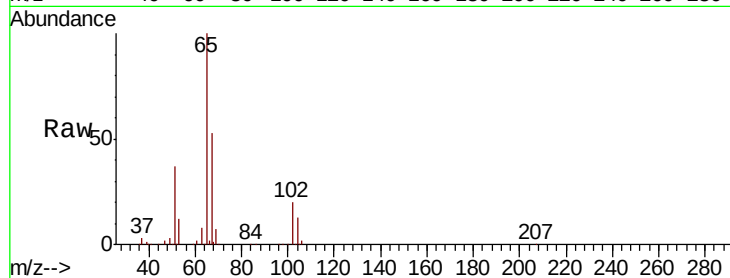




#33
 1,2-Dichloroethane-d4
 Concen: 47.699 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059298.D
 Acq: 19 Nov 2019 11:24

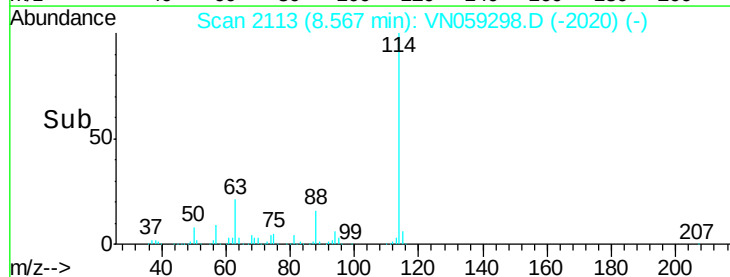
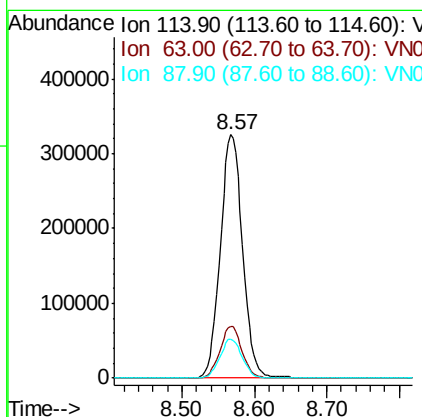
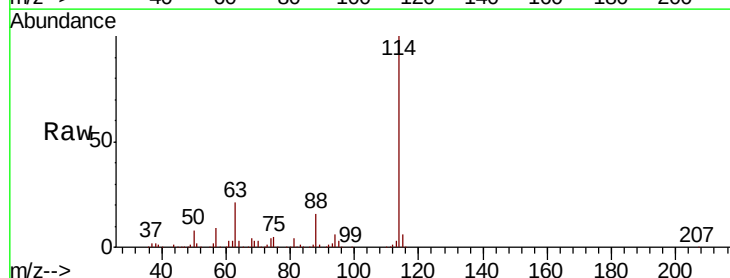
Instrument :
 MSVOA_N
 ClientSampleId :

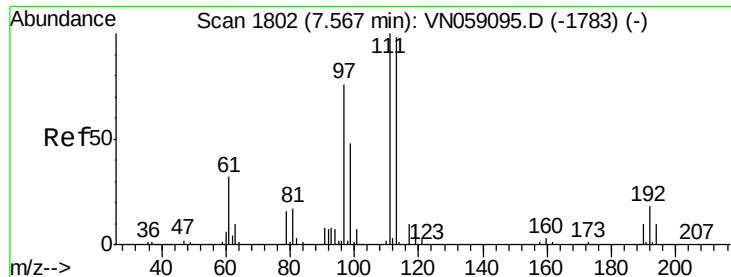
Tot Ion: 65 Resp: 259927
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059298.D
 Acq: 19 Nov 2019 11:24

Tgt Ion: 114 Resp: 690237
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.4
 88 16.1 0.0 32.2

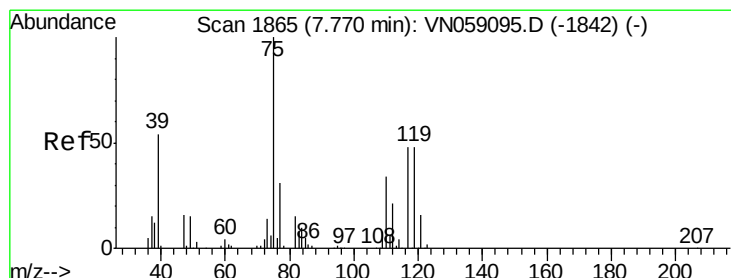
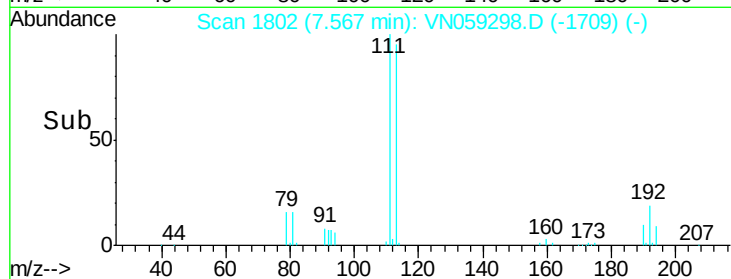
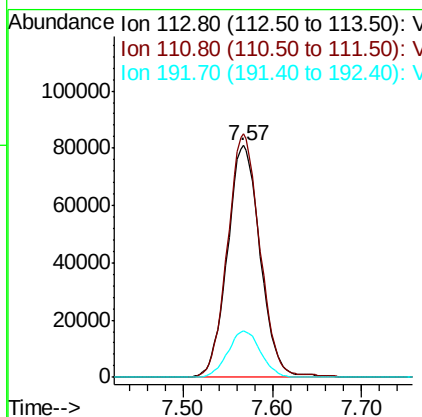
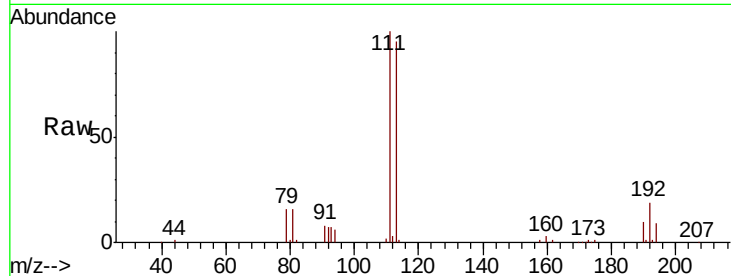




#35
 Dibromofluoromethane
 Concen: 49.999 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059298.D
 Acq: 19 Nov 2019 11:24

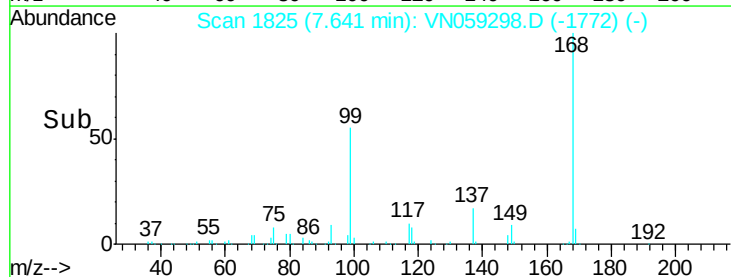
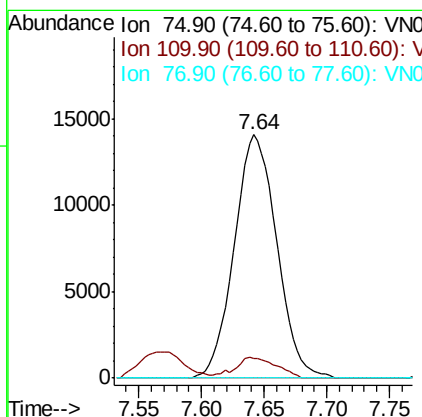
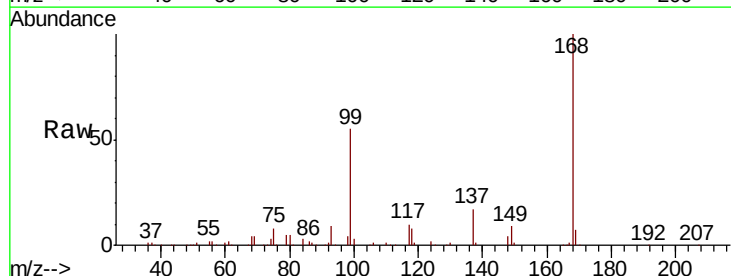
Instrument :
 MSVOA_N
 ClientSampled :

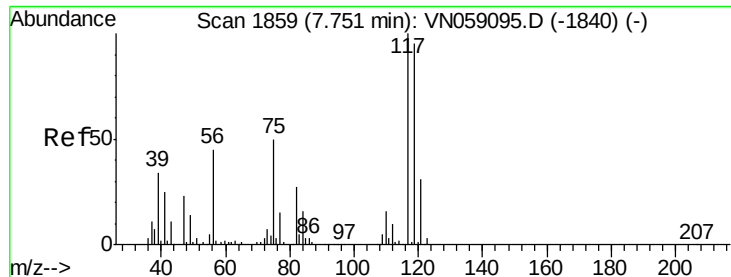
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.8	124.2
192	20.0	16.1	24.1



#36
 1,1-Dichloropropene
 Concen: 5.140 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN059298.D
 Acq: 19 Nov 2019 11:24

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.1	51.2#
77	0.0	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.526 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.11 min

Lab File: VN059298.D

Acq: 19 Nov 2019 11:24

Instrument :

MSVOA_N

ClientSampleId :

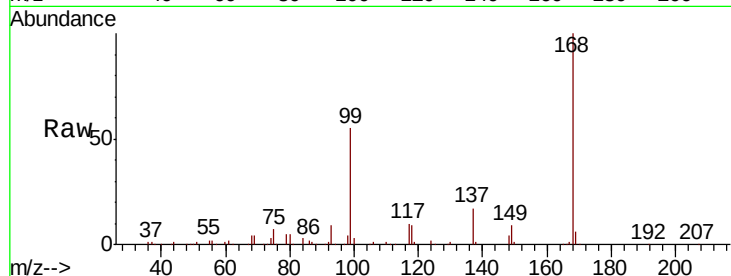
Tot Ion:117 Resp: 41906

Ion Ratio Lower Upper

117 100

119 6.2 75.6 113.4#

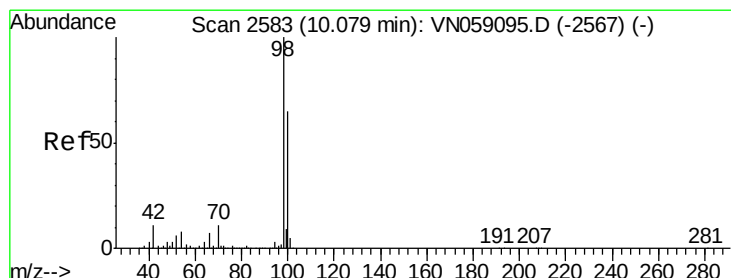
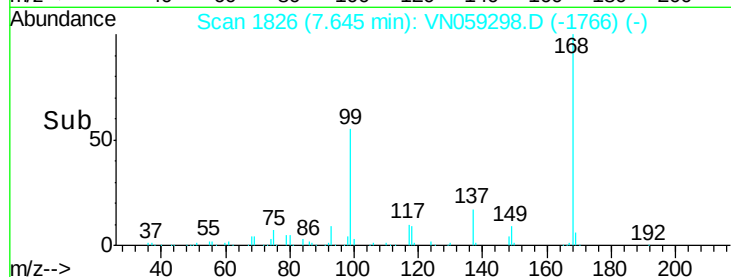
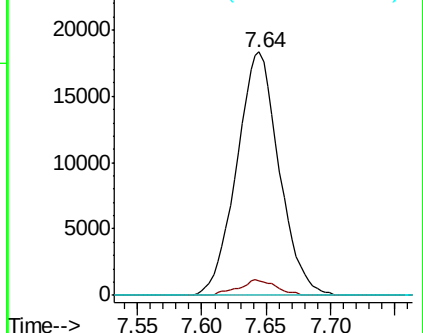
121 0.0 24.6 36.8#



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: 50.947 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059298.D

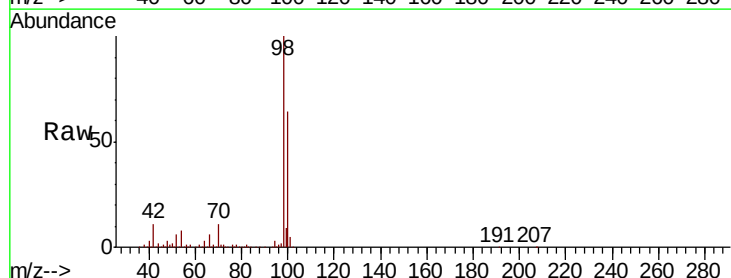
Acq: 19 Nov 2019 11:24

Tgt Ion: 98 Resp: 827062

Ion Ratio Lower Upper

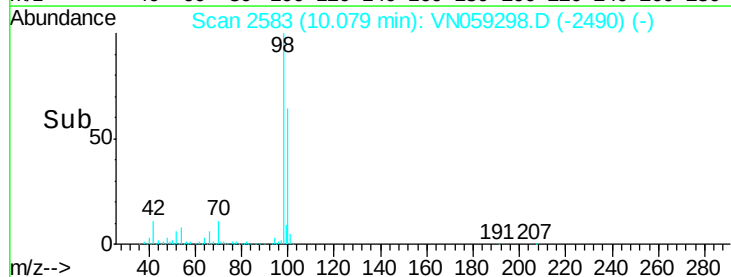
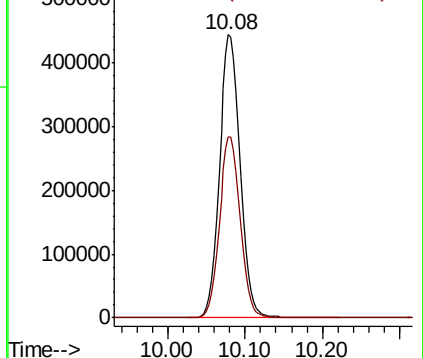
98 100

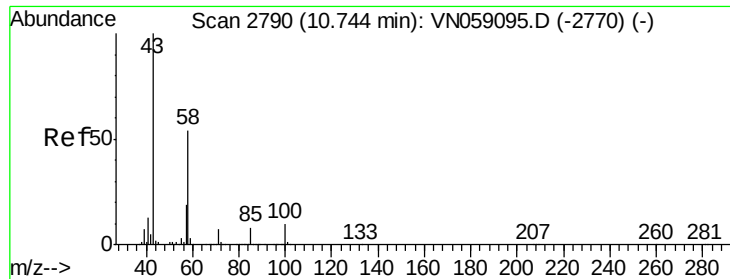
100 64.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

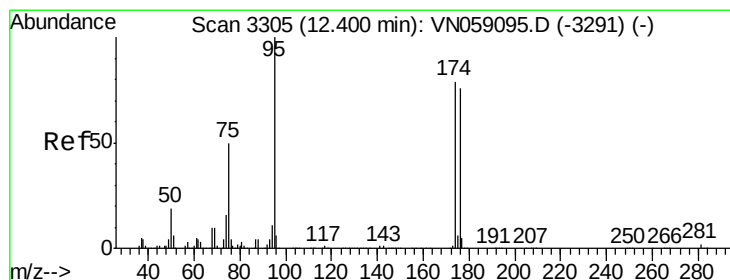
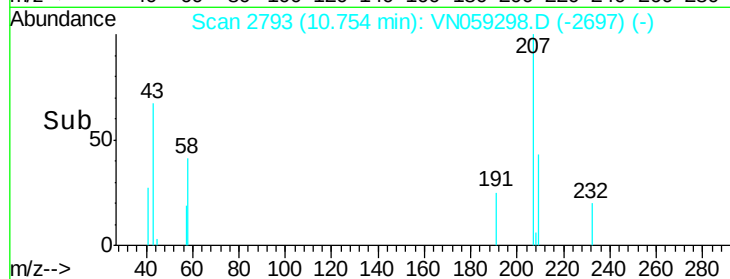
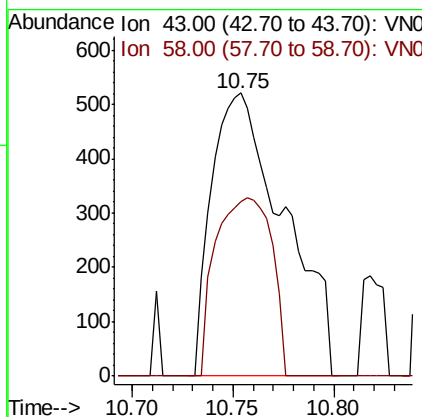
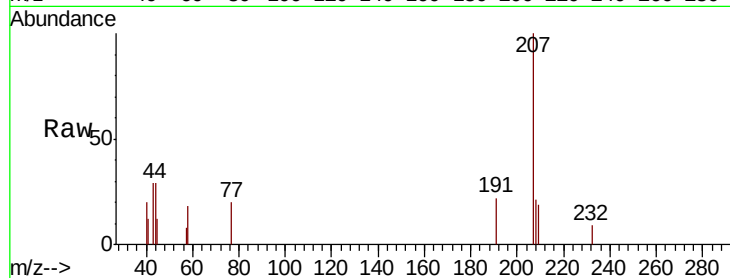




#59
2-Hexanone
Concen: 0.261 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.01 min
Lab File: VN059298.D
Acq: 19 Nov 2019 11:24

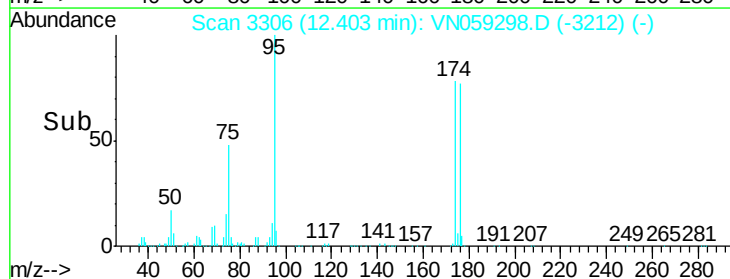
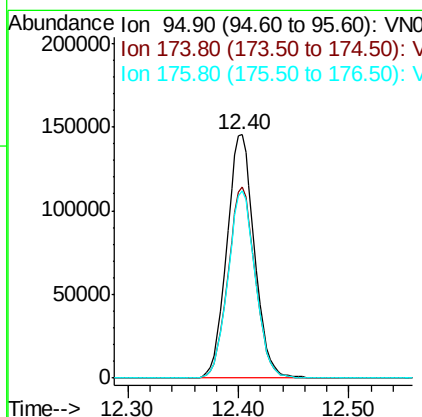
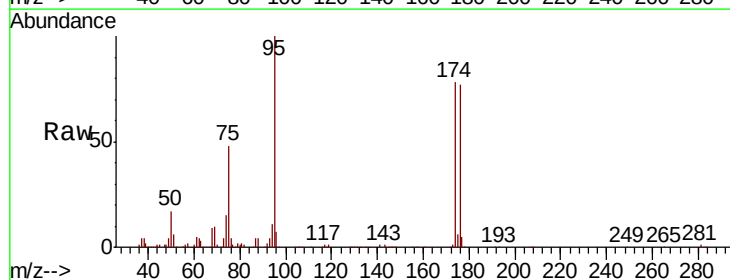
Instrument :
MSVOA_N
ClientSampleId :

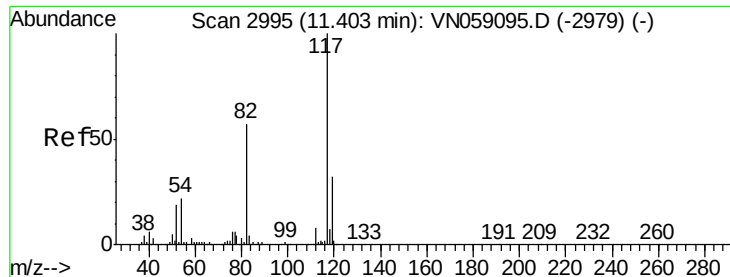
Tot Ion: 43 Resp: 1297
Ion Ratio Lower Upper
43 100
58 48.8 27.3 81.8



#62
4-Bromofluorobenzene
Concen: 42.969 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN059298.D
Acq: 19 Nov 2019 11:24

Tgt Ion: 95 Resp: 251509
Ion Ratio Lower Upper
95 100
174 77.6 0.0 158.2
176 76.2 0.0 151.8

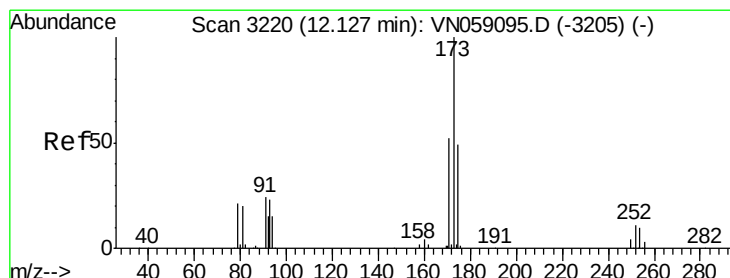
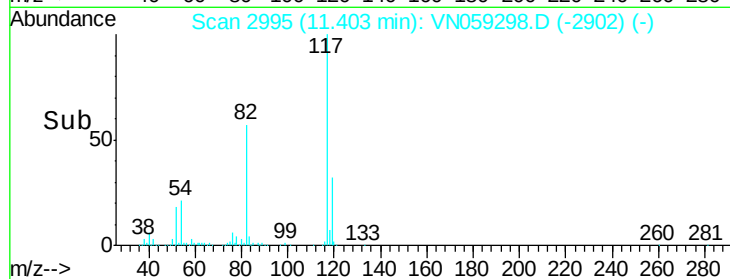
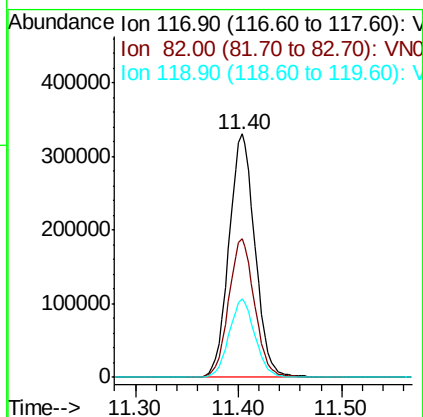
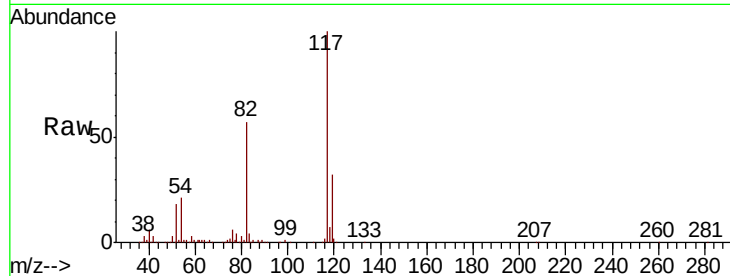




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059298.D
Acq: 19 Nov 2019 11:24

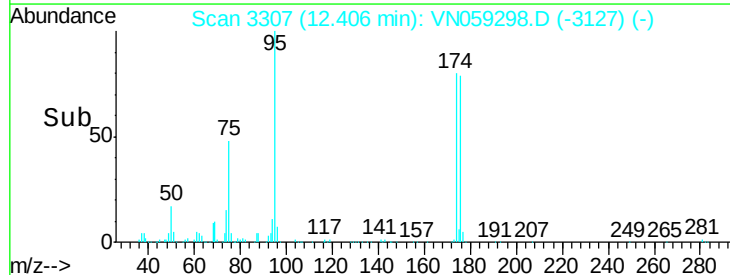
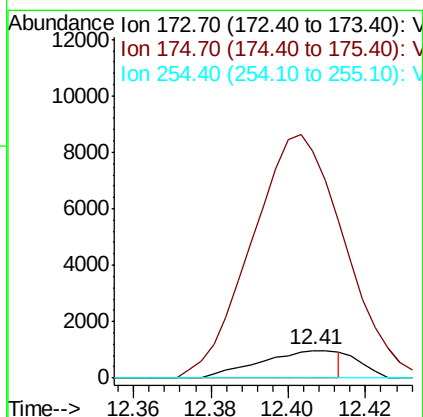
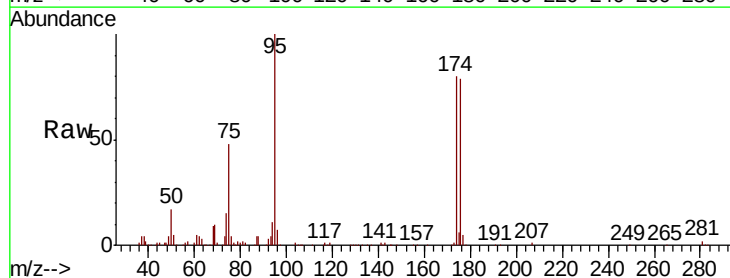
Instrument :
MSVOA_N
ClientSampled :

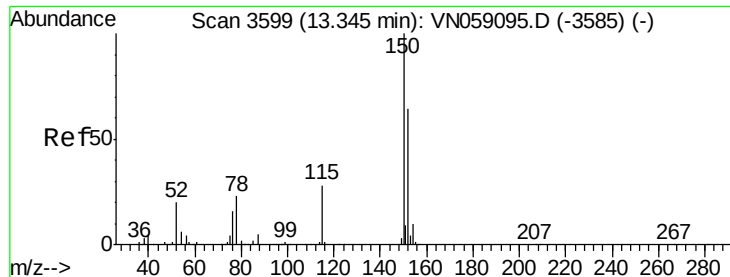
Tot Ion:117 Resp: 580118
Ion Ratio Lower Upper
117 100
82 56.7 45.8 68.8
119 32.2 25.8 38.6



#71
Bromoform
Concen: 0.421 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN059298.D
Acq: 19 Nov 2019 11:24

Tgt Ion:173 Resp: 1390
Ion Ratio Lower Upper
173 100
175 884.4 24.2 72.6#
254 0.0 0.1 0.1#



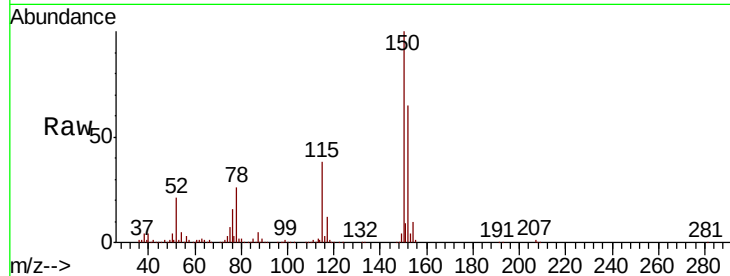


#72

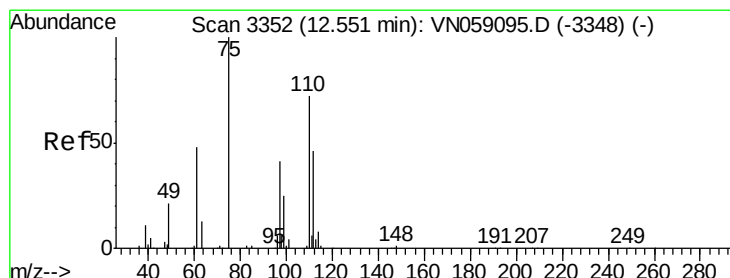
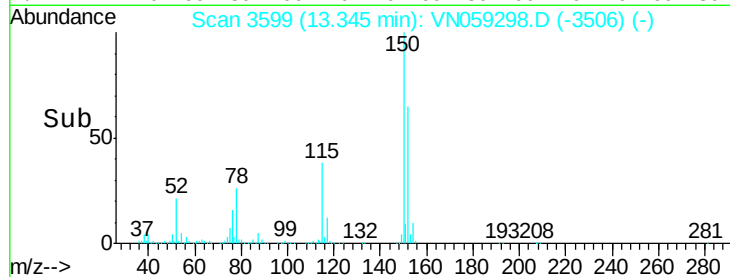
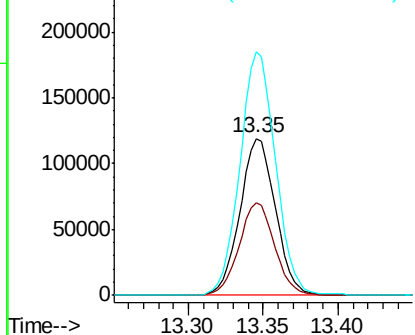
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN059298.D
Acq: 19 Nov 2019 11:24

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.6	29.4	88.2
150	155.8	0.0	345.8



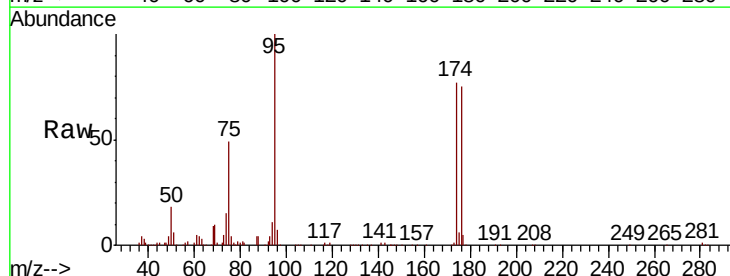
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



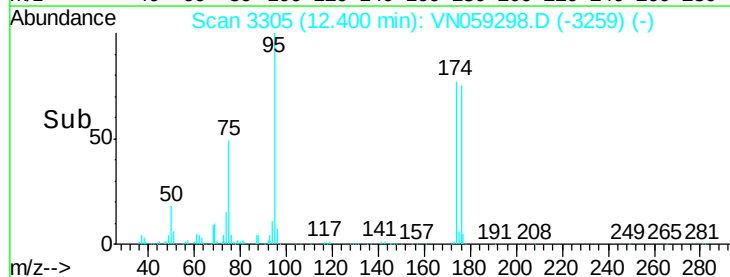
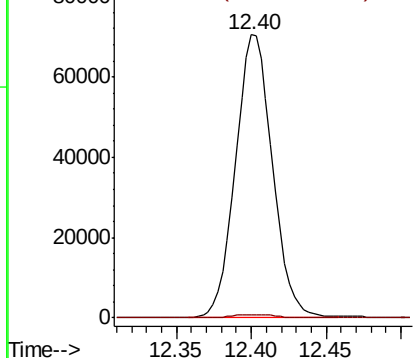
#76

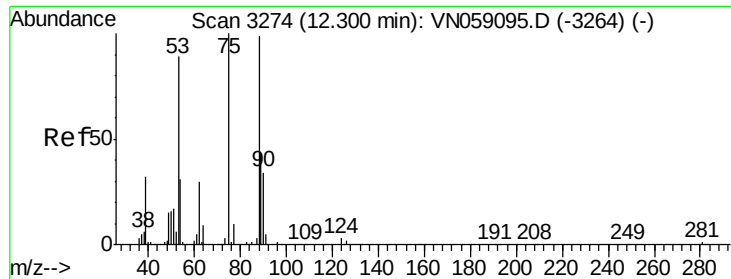
1,2,3-Trichloropropane
Concen: 27.052 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN059298.D
Acq: 19 Nov 2019 11:24

Tgt 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: 71.451 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN059298.D

Acq: 19 Nov 2019 11:24

Instrument :

MSVOA_N

ClientSampleId :

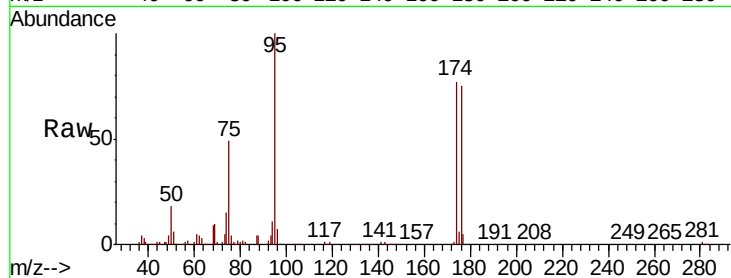
Tot Ion: 75 Resp: 121295

Ion Ratio Lower Upper

75 100

53 0.0 72.2 108.2#

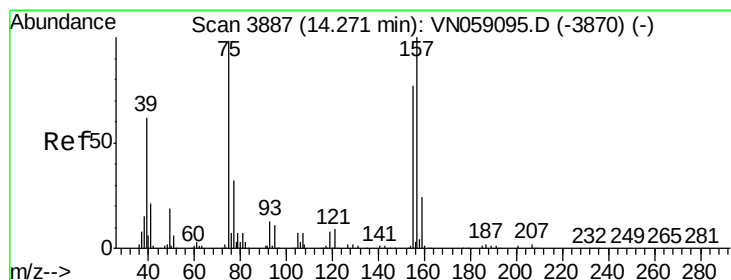
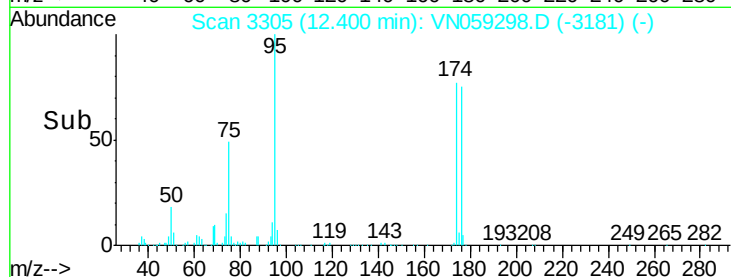
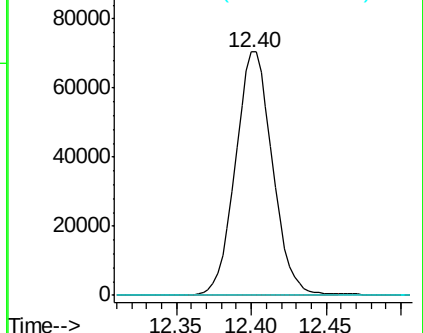
89 0.0 35.8 53.8#



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.224 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. -0.01 min

Lab File: VN059298.D

Acq: 19 Nov 2019 11:24

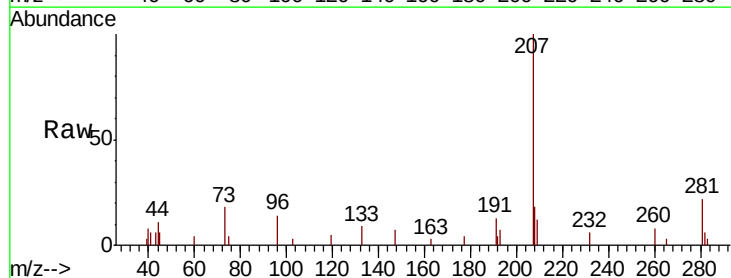
Tgt Ion: 75 Resp: 192

Ion Ratio Lower Upper

75 100

155 0.0 40.2 120.6#

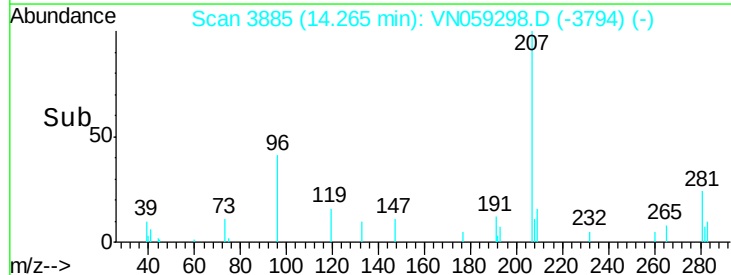
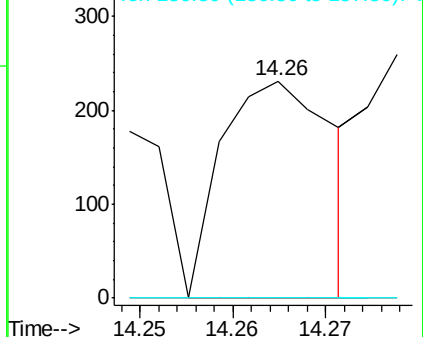
157 0.0 51.8 155.5#

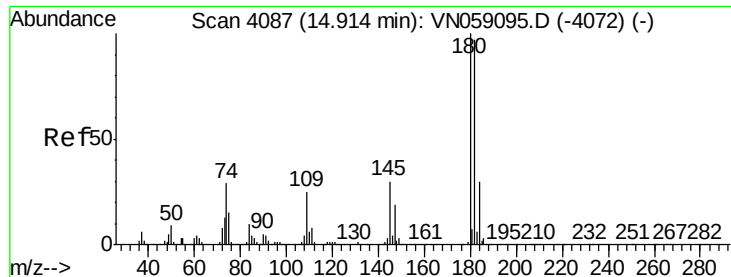


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

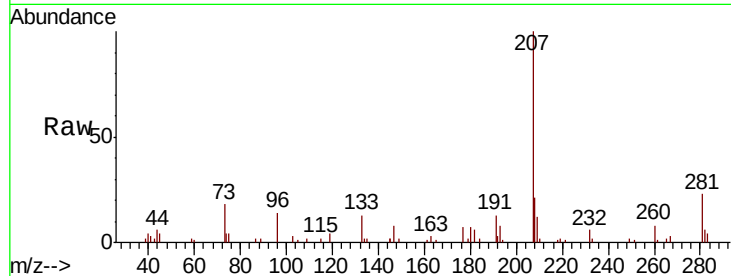




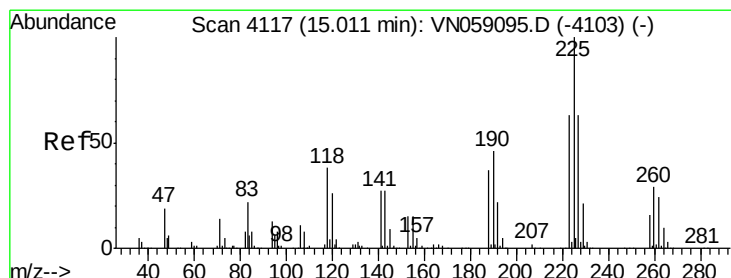
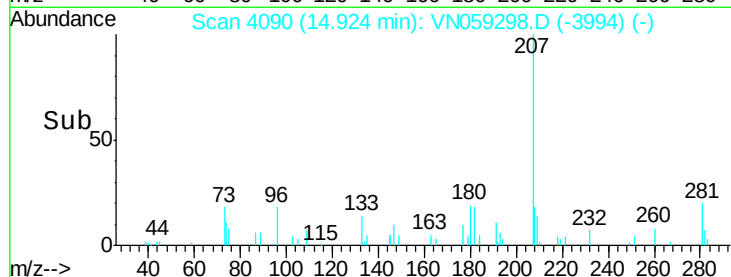
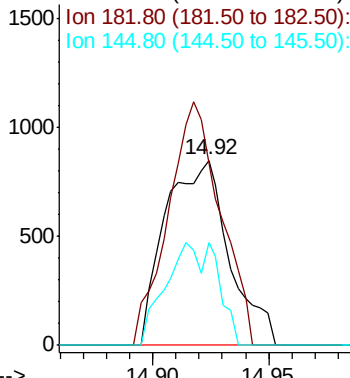
#93
1,2,4-Trichlorobenzene
Concen: 3.462 ug/l
RT: 14.92 min Scan# 4090
Delta R.T. 0.01 min
Lab File: VN059298.D
Acq: 19 Nov 2019 11:24

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:180 Resp: 1629
Ion Ratio Lower Upper
180 100
182 107.2 48.1 144.3
145 30.4 15.1 45.3

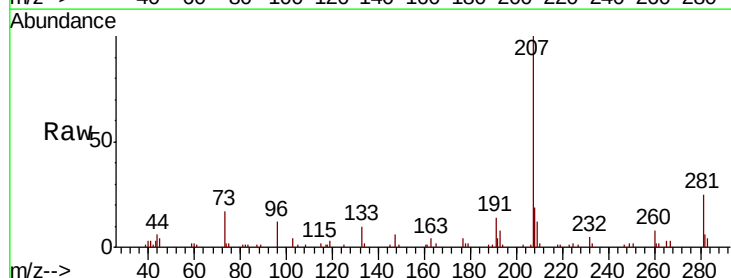


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

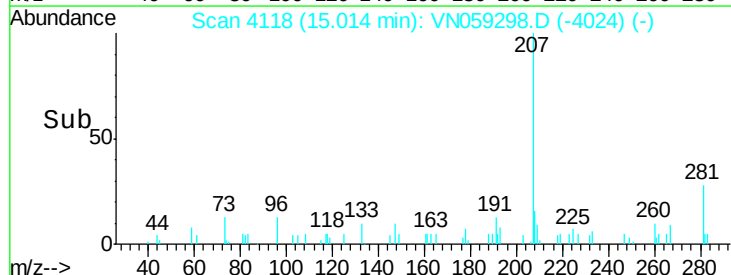
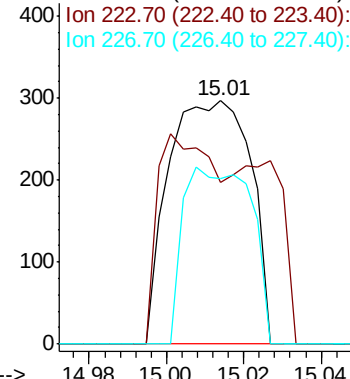


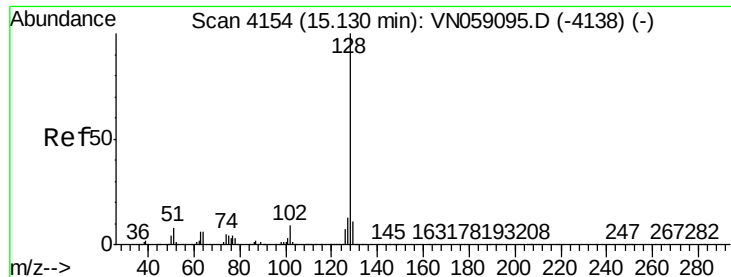
#94
Hexachlorobutadiene
Concen: 0.209 ug/l
RT: 15.01 min Scan# 4118
Delta R.T. 0.00 min
Lab File: VN059298.D
Acq: 19 Nov 2019 11:24

Tgt Ion:225 Resp: 436
Ion Ratio Lower Upper
225 100
223 61.0 31.3 93.9
227 59.9 31.5 94.5



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 3.914 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059298.D

Acq: 19 Nov 2019 11:24

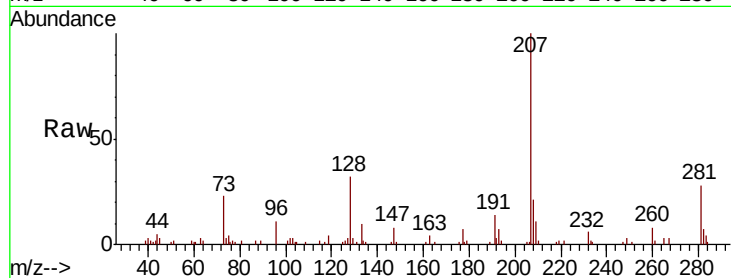
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:128 Resp: 9446

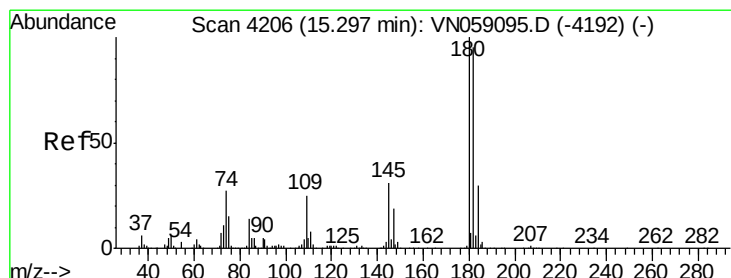
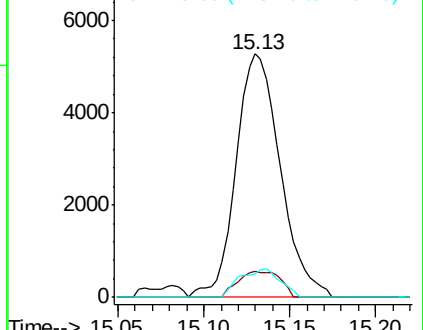
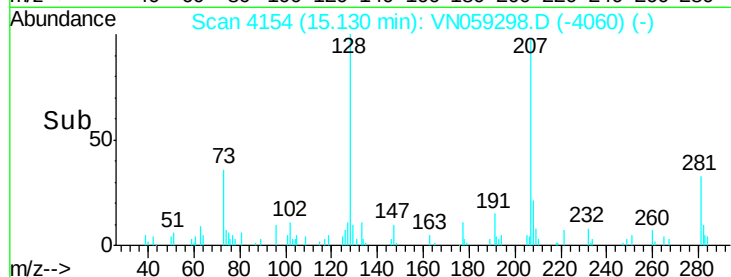
Ion	Ratio	Lower	Upper
128	100		
127	10.3	10.2	15.2
129	10.8	8.6	12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.813 ug/l

RT: 15.30 min Scan# 4207

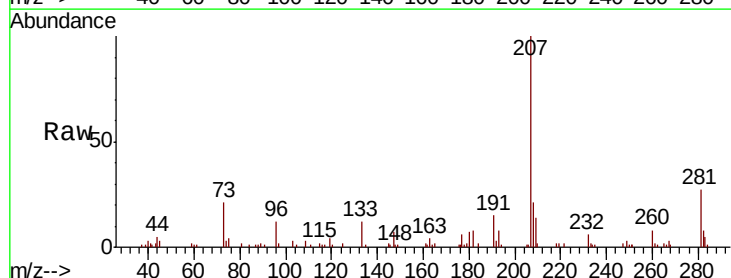
Delta R.T. 0.00 min

Lab File: VN059298.D

Acq: 19 Nov 2019 11:24

Tgt Ion:180 Resp: 2764

Ion	Ratio	Lower	Upper
180	100		
182	90.3	47.3	141.8
145	40.3	15.8	47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

