

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091219\
 Data File : VN057927.D
 Acq On : 11 Sep 2019 16:51
 Operator : JC/SP
 Sample : VN0912WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBL01

Quant Time: Sep 12 02:29:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	309828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	511921	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	463648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	237181	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	321542	51.24	ug/l	0.00
Spiked Amount			Recovery	=	102.48%	
35) Dibromofluoromethane	7.57	113	219186	46.39	ug/l	0.00
Spiked Amount			Recovery	=	92.78%	
50) Toluene-d8	10.09	98	896669	48.88	ug/l	0.00
Spiked Amount			Recovery	=	97.76%	
62) 4-Bromofluorobenzene	12.40	95	284137	40.64	ug/l	0.00
Spiked Amount			Recovery	=	81.28%	

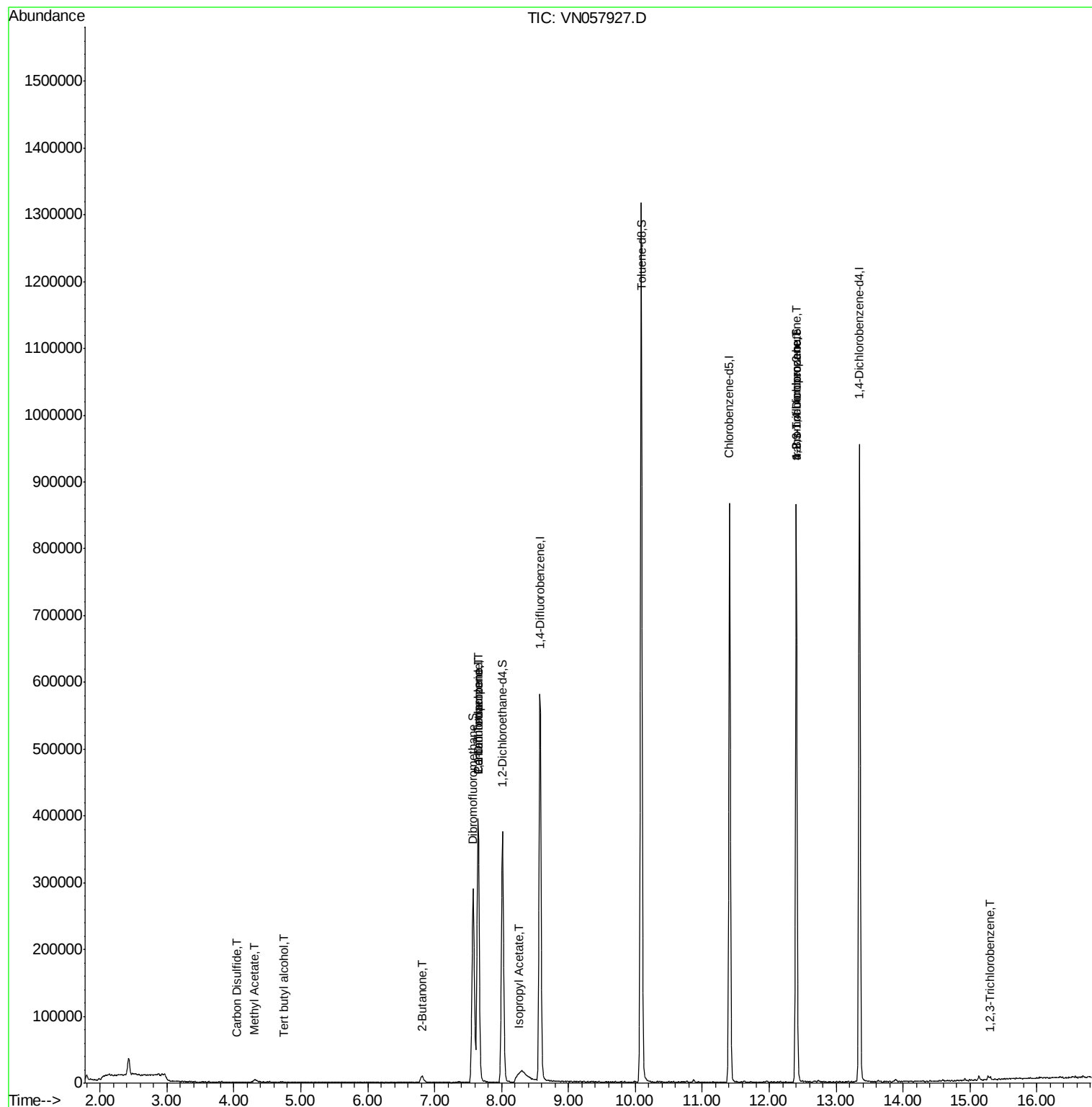
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.53	94	239	Below Cal	#	70
11) Tert butyl alcohol	4.76	59	328	0.432	ug/l #	72
17) Carbon Disulfide	4.03	76	407	0.238	ug/l #	75
18) Methyl Acetate	4.31	43	8630	1.573	ug/l #	76
20) Methylene Chloride	4.53	84	344	Below Cal	#	20
25) 2-Butanone	6.81	43	966	0.324	ug/l #	49
31) Cyclohexane	7.65	56	8425	Below Cal	#	30
36) 1,1-Dichloropropene	7.65	75	27474	4.628	ug/l #	50
38) Carbon Tetrachloride	7.65	117	32240	5.948	ug/l #	16
43) Isopropyl Acetate	8.26	43	16032	1.554	ug/l #	56
76) 1,2,3-Trichloropropane	12.40	75	157919	29.433	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	157919	103.574	ug/l #	6
95) Naphthalene	15.14	128	5327	Below Cal	#	95
96) 1,2,3-Trichlorobenzene	15.31	180	1338	1.271	ug/l	93

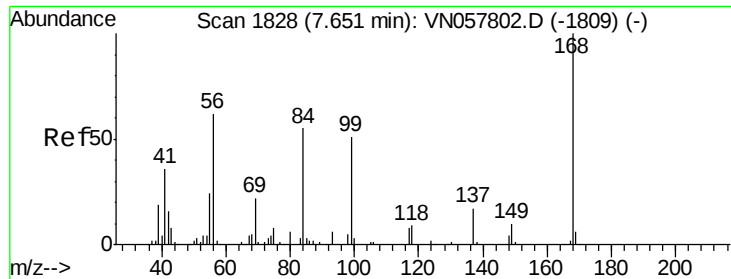
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN091219\
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ClientSampleId :
VN0912WBL01

Quant Time: Sep 12 02:29:53 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 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: VN057927.D

Acq: 11 Sep 2019 16:51

Instrument :

MSVOA_N

ClientSampleId :

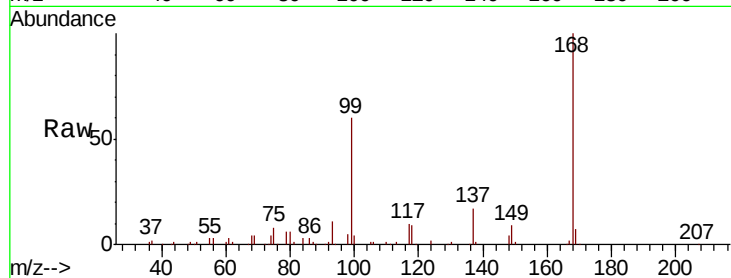
VN0912WBL01

Tgt Ion: 168 Resp: 309828

Ion Ratio Lower Upper

168 100

99 59.7 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VN057802.D (-1809) (-)

Ion 98.90 (98.60 to 99.60): VN057802.D (-1809) (-)

7.65

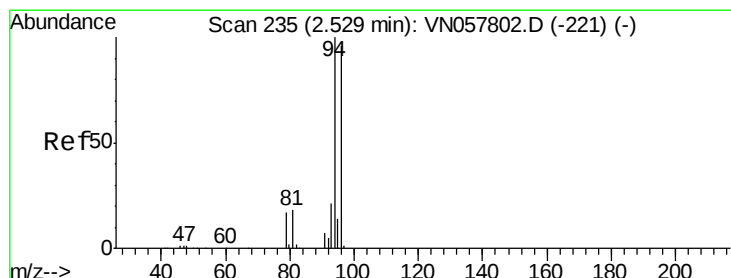
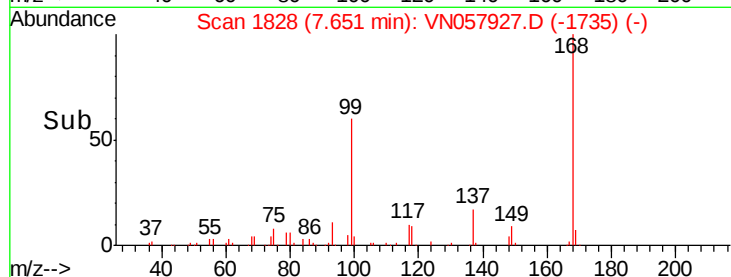
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.53 min Scan# 236

Delta R.T. 0.00 min

Lab File: VN057927.D

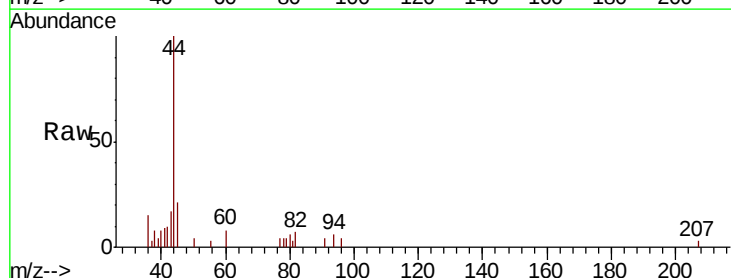
Acq: 11 Sep 2019 16:51

Tgt Ion: 94 Resp: 239

Ion Ratio Lower Upper

94 100

96 66.8 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VN057802.D (-221) (-)

Ion 95.90 (95.60 to 96.60): VN057802.D (-221) (-)

2.53

400

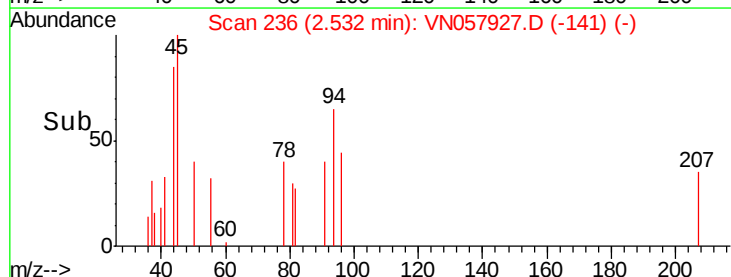
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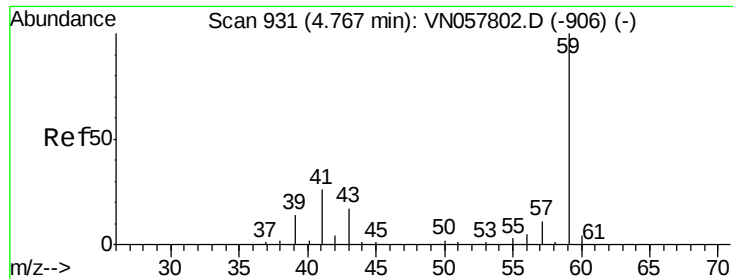
200

100

0

Time-->

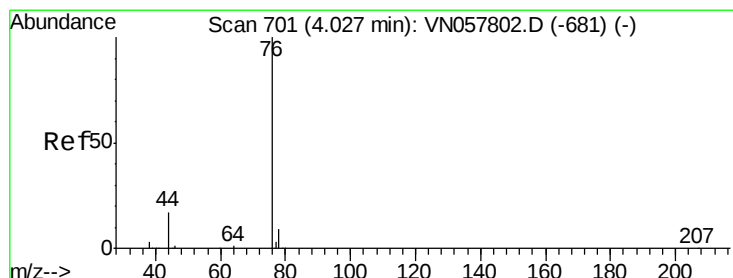
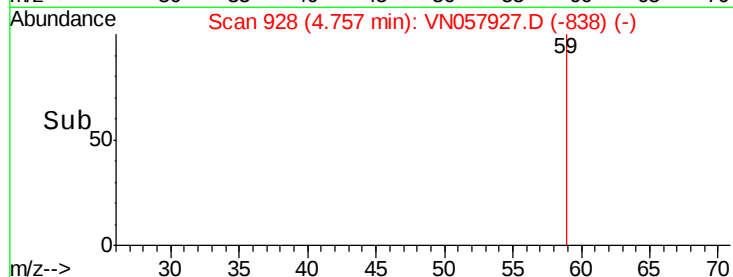
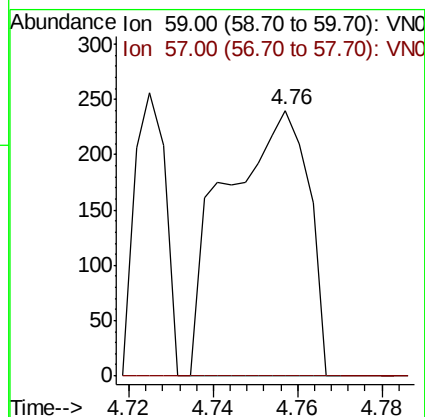
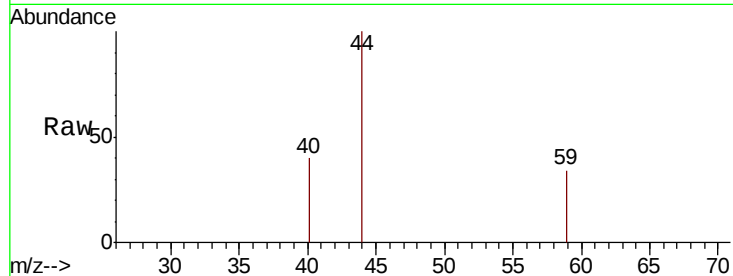




#11
Tert butyl alcohol
Concen: 0.432 ug/l
RT: 4.76 min Scan# 928
Delta R.T. -0.01 min
Lab File: VN057927.D
Acq: 11 Sep 2019 16:51

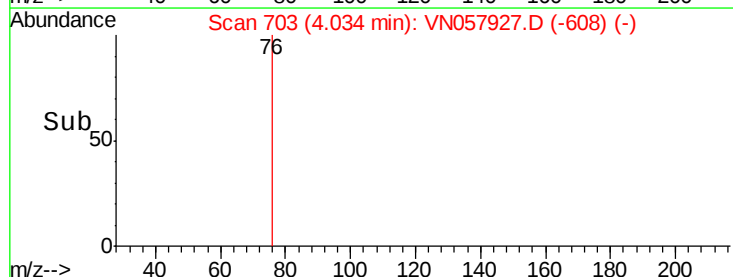
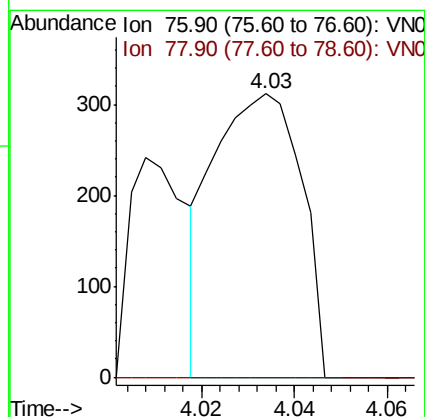
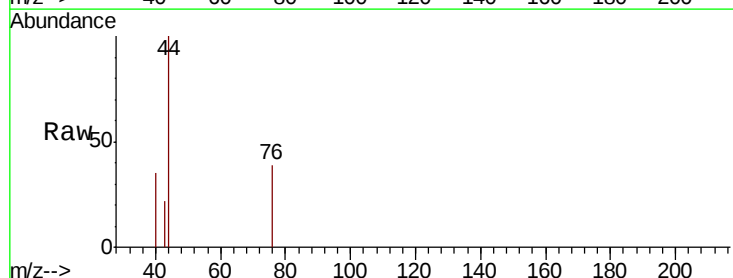
Instrument :
MSVOA_N
ClientSampled :
VN0912WBL01

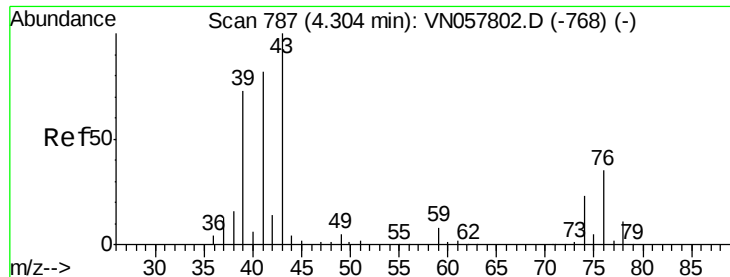
Tgt Ion: 59 Resp: 328
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#



#17
Carbon Disulfide
Concen: 0.238 ug/l
RT: 4.03 min Scan# 703
Delta R.T. 0.01 min
Lab File: VN057927.D
Acq: 11 Sep 2019 16:51

Tgt Ion: 76 Resp: 407
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#

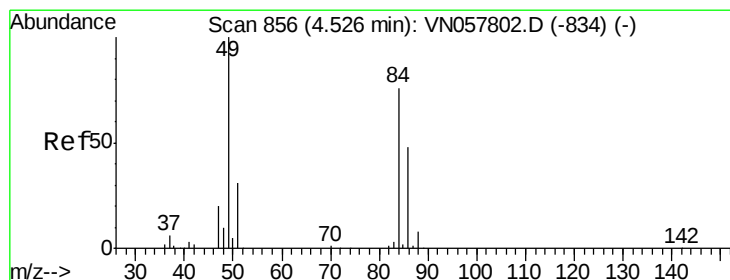
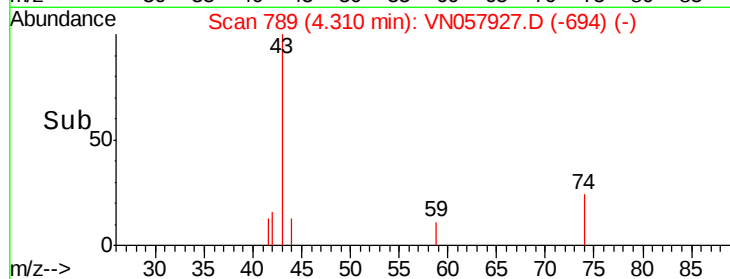
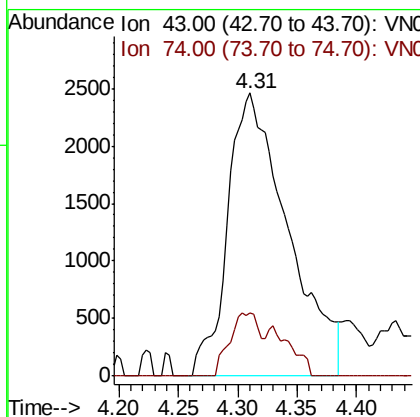
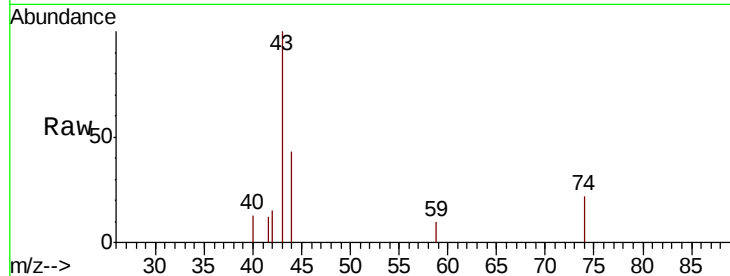




#18
Methyl Acetate
Concen: 1.573 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VN057927.D
Acq: 11 Sep 2019 16:51

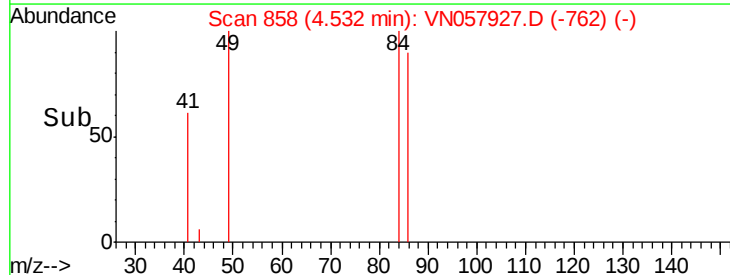
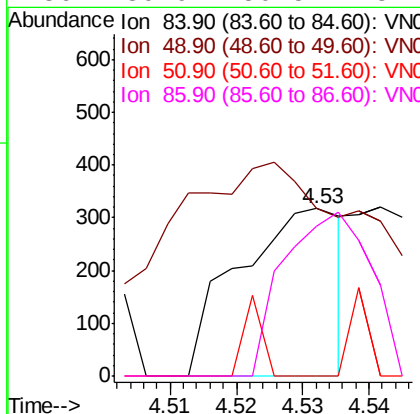
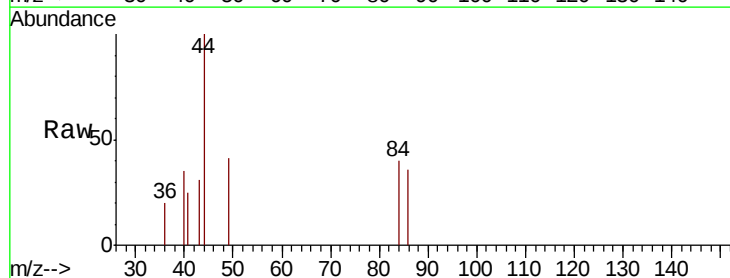
Instrument :
MSVOA_N
ClientSampled :
VN0912WBL01

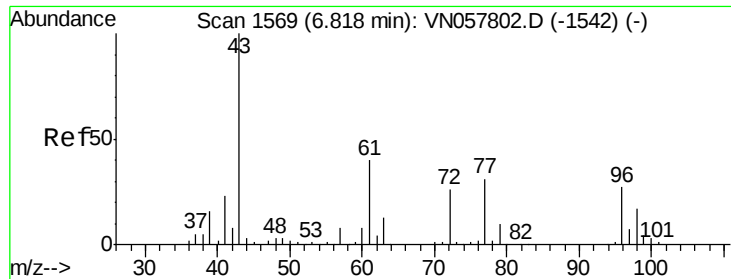
Tgt Ion: 43 Resp: 8630
Ion Ratio Lower Upper
43 100
74 10.8 17.9 26.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN057927.D
Acq: 11 Sep 2019 16:51

Tgt Ion: 84 Resp: 344
Ion Ratio Lower Upper
84 100
49 5.7 104.8 157.2#
51 0.0 33.0 49.4#
86 89.9 50.5 75.7#

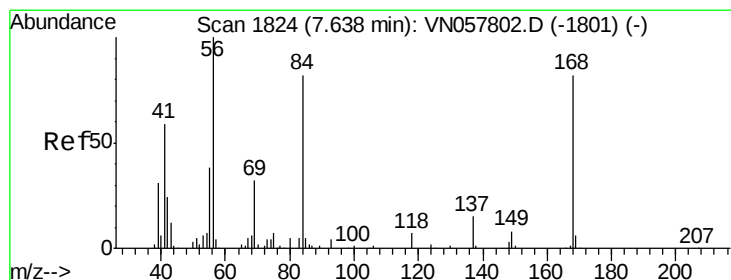
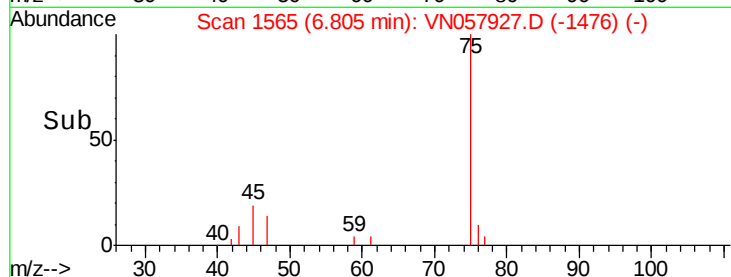
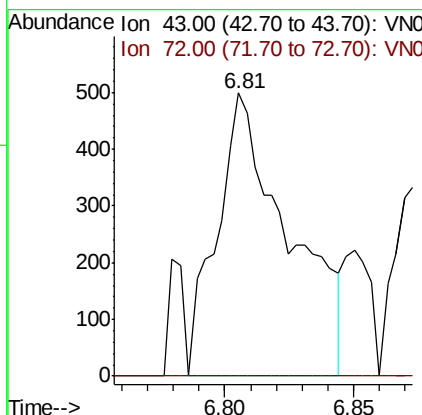
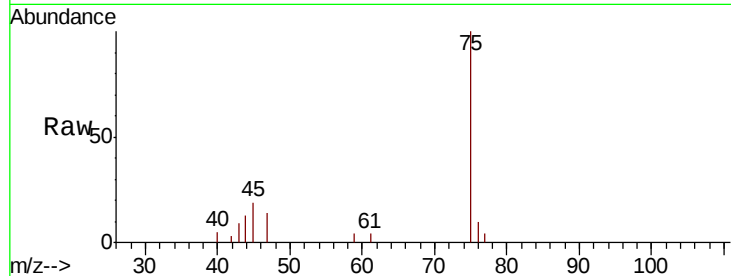




#25
2-Butanone
Concen: 0.324 ug/l
RT: 6.81 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VN057927.D
Acq: 11 Sep 2019 16:51

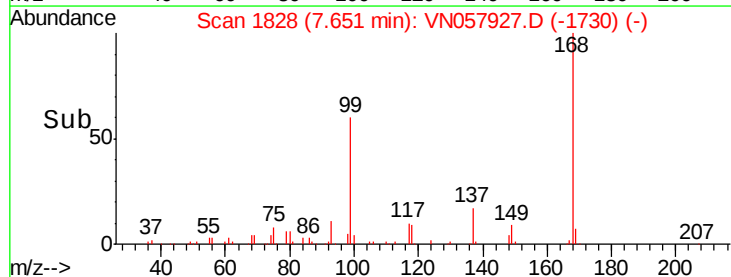
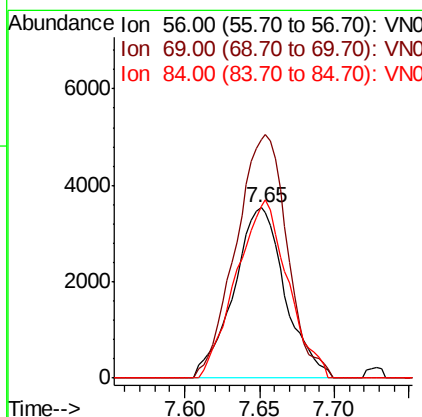
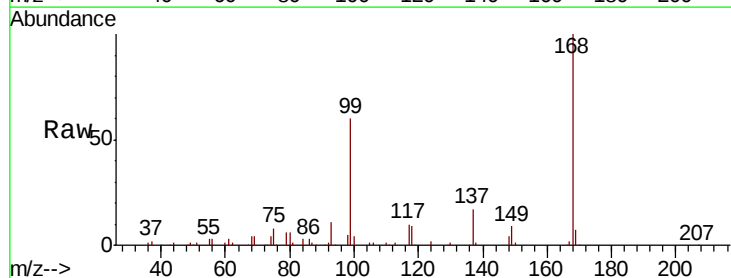
Instrument :
MSVOA_N
ClientSampled :
VN0912WBL01

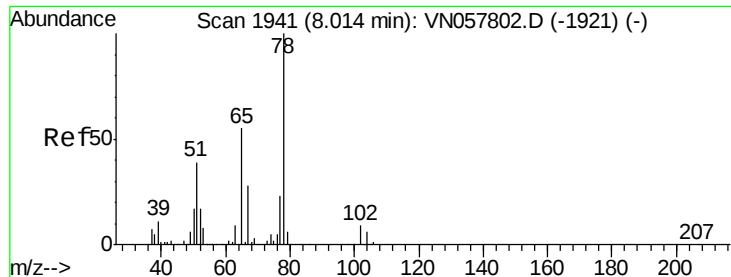
Tgt Ion: 43 Resp: 966
Ion Ratio Lower Upper
43 100
72 0.0 20.6 30.8#



#31
Cyclohexane
Concen: Below Cal
RT: 7.65 min Scan# 1828
Delta R.T. 0.01 min
Lab File: VN057927.D
Acq: 11 Sep 2019 16:51

Tgt Ion: 56 Resp: 8425
Ion Ratio Lower Upper
56 100
69 140.1 25.9 38.9#
84 101.1 65.6 98.4#

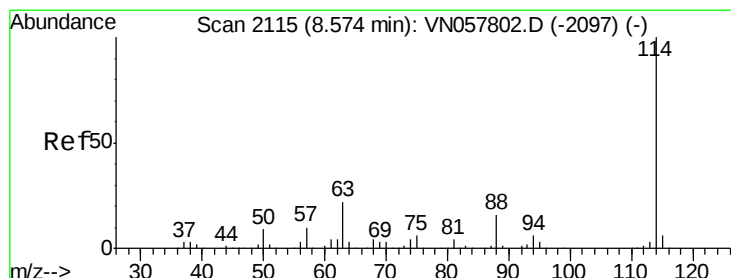
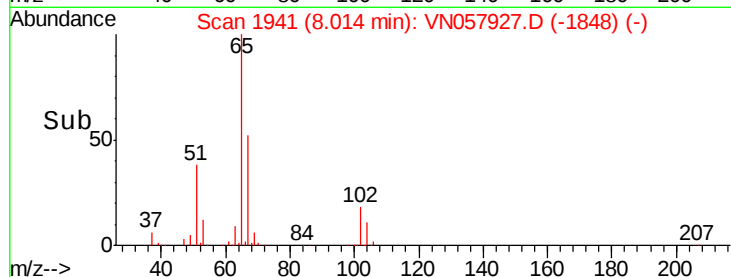
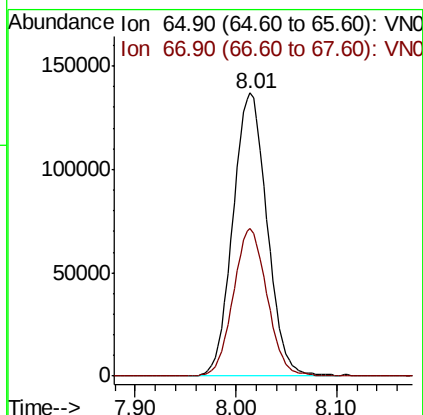
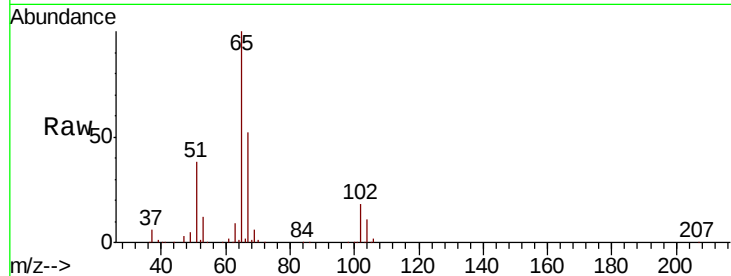




#33
 1,2-Dichloroethane-d4
 Concen: 51.239 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057927.D
 Acq: 11 Sep 2019 16:51

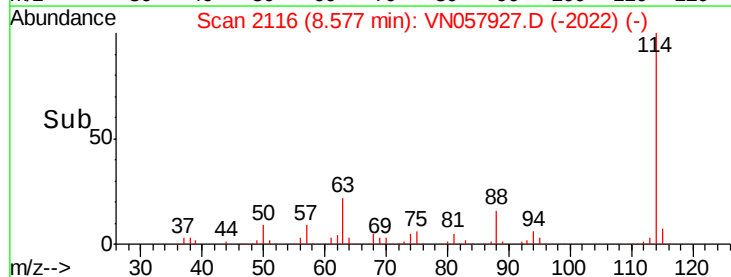
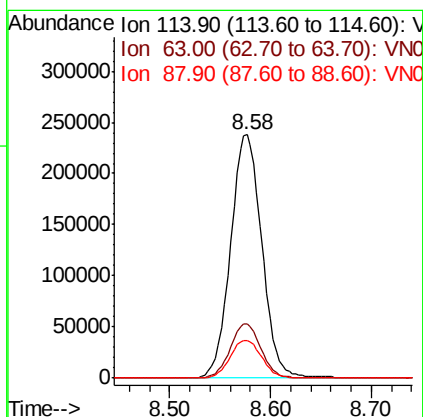
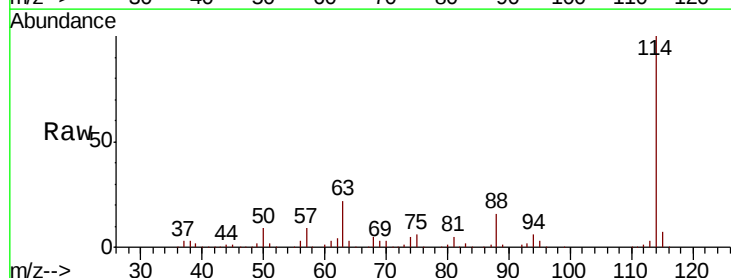
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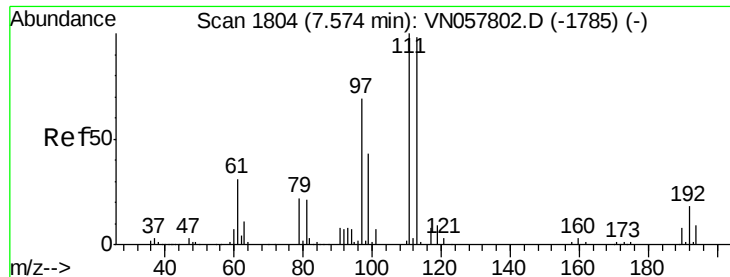
Tgt Ion: 65 Resp: 321542
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057927.D
 Acq: 11 Sep 2019 16:51

Tgt Ion: 114 Resp: 511921
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 44.0
 88 15.7 0.0 31.4

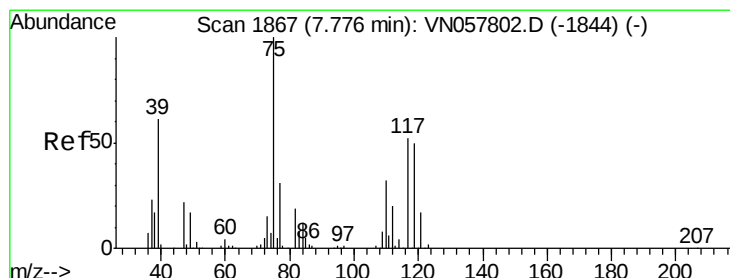
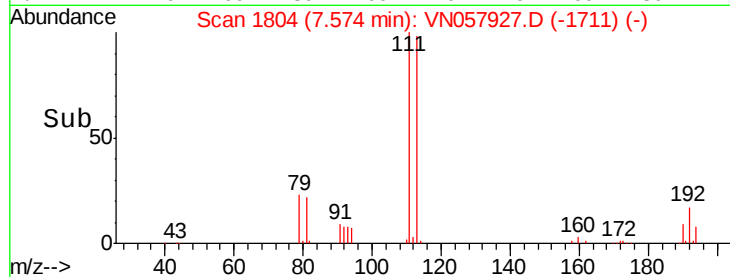
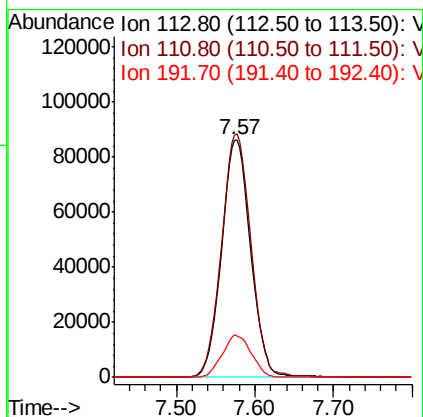
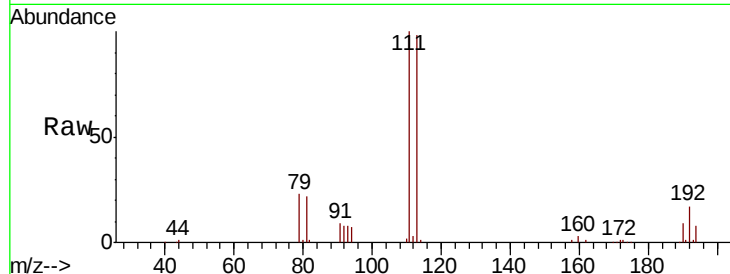




#35
 Dibromofluoromethane
 Concen: 46.390 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN057927.D
 Acq: 11 Sep 2019 16:51

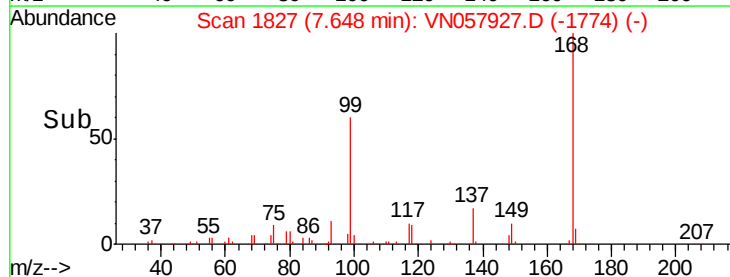
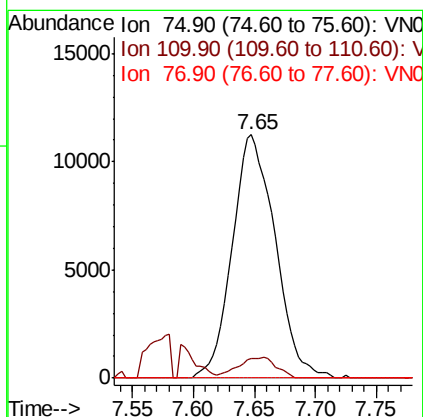
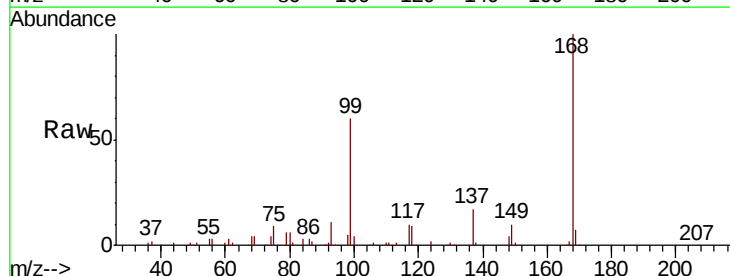
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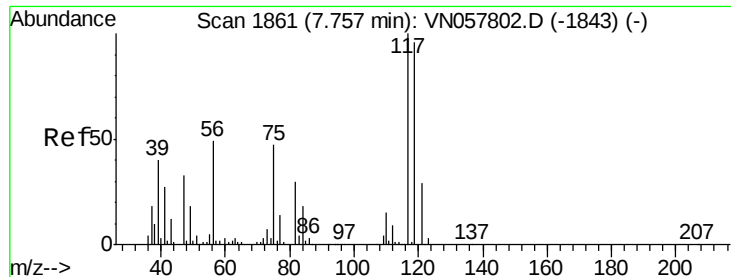
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.3	121.9
192	17.7	14.6	22.0



#36
 1,1-Dichloropropene
 Concen: 4.628 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN057927.D
 Acq: 11 Sep 2019 16:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.5	16.3	48.9#
77	0.0	25.0	37.4#

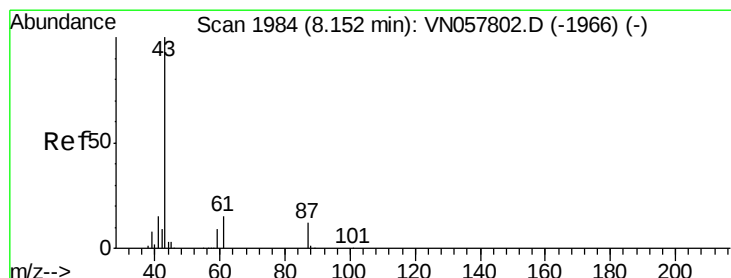
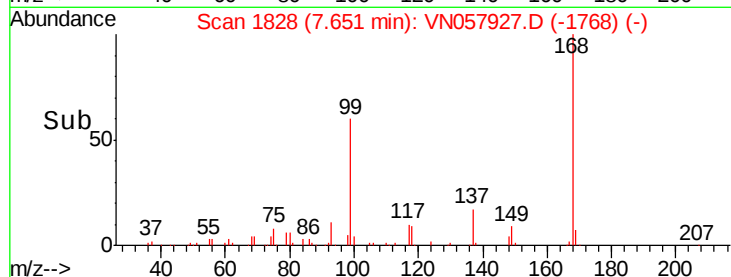
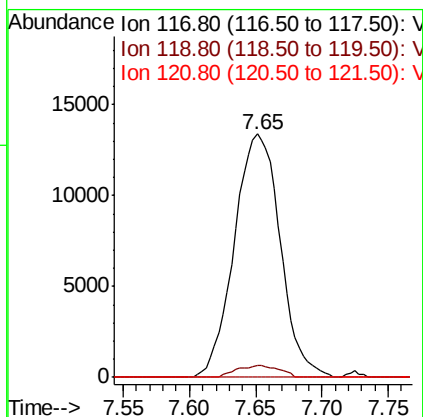
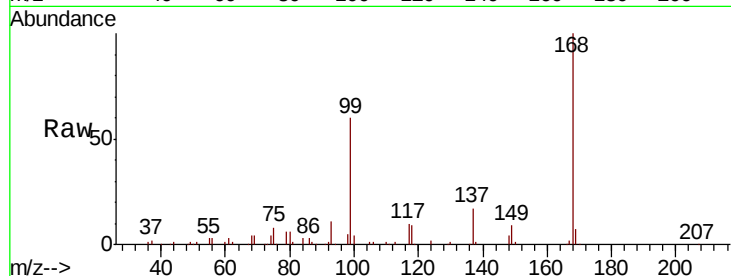




#38
Carbon Tetrachloride
Concen: 5.948 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.11 min
Lab File: VN057927.D
Acq: 11 Sep 2019 16:51

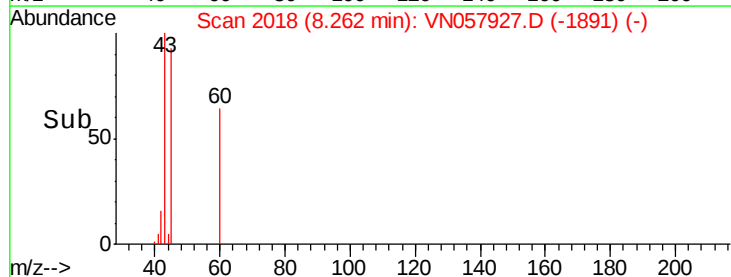
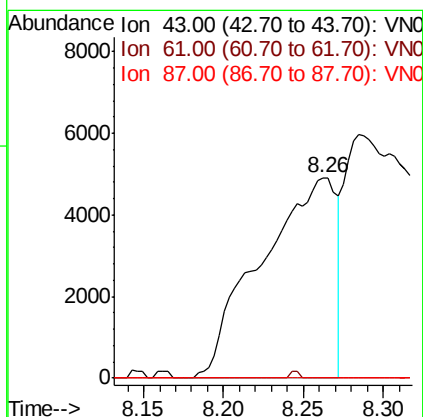
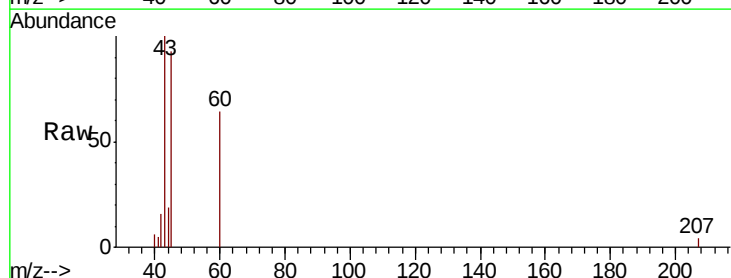
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBL01

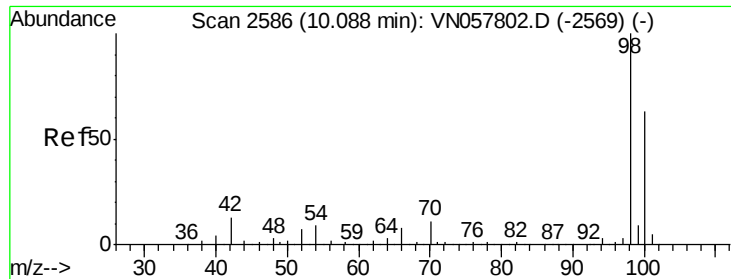
Tgt Ion: 117 Resp: 32240
Ion Ratio Lower Upper
117 100
119 4.8 76.9 115.3#
121 0.0 23.4 35.2#



#43
Isopropyl Acetate
Concen: 1.554 ug/l
RT: 8.26 min Scan# 2018
Delta R.T. 0.11 min
Lab File: VN057927.D
Acq: 11 Sep 2019 16:51

Tgt Ion: 43 Resp: 16032
Ion Ratio Lower Upper
43 100
61 0.0 20.1 30.1#
87 0.0 9.5 14.3#





#50

Toluene-d8

Concen: 48.880 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057927.D

Acq: 11 Sep 2019 16:51

Instrument :

MSVOA_N

ClientSampled :

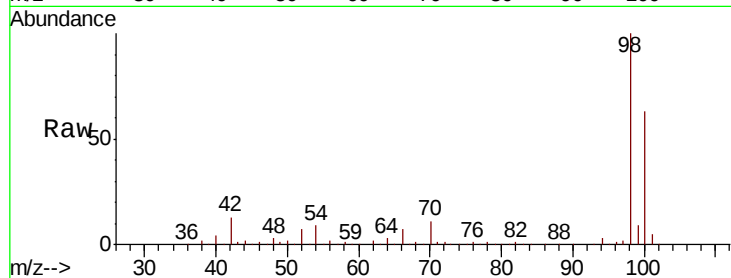
VN0912WBL01

Tgt Ion: 98 Resp: 896669

Ion Ratio Lower Upper

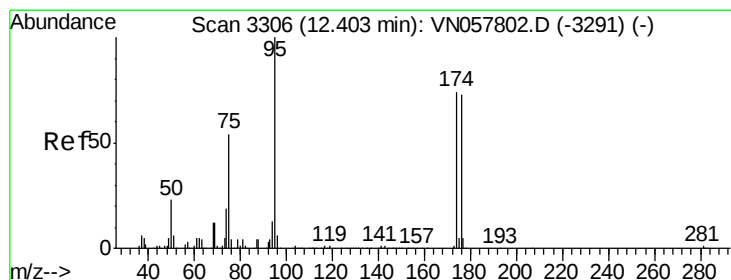
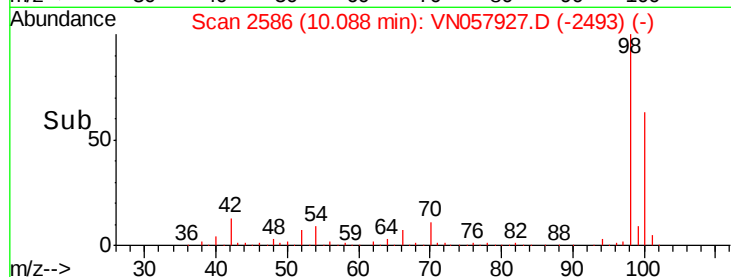
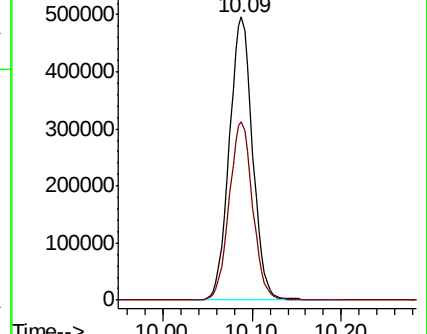
98 100

100 63.4 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 40.644 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057927.D

Acq: 11 Sep 2019 16:51

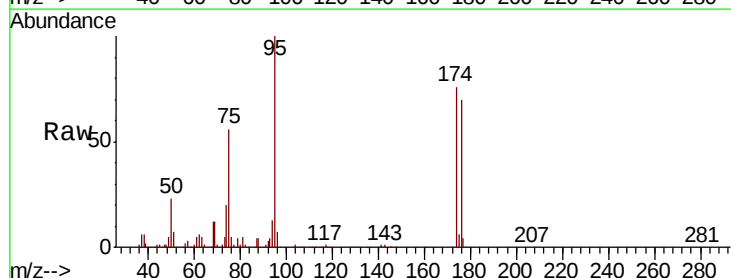
Tgt Ion: 95 Resp: 284137

Ion Ratio Lower Upper

95 100

174 77.0 0.0 150.2

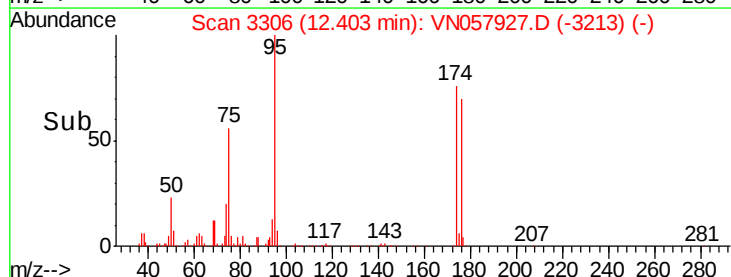
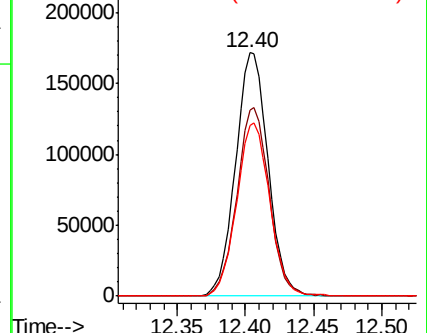
176 72.6 0.0 146.0

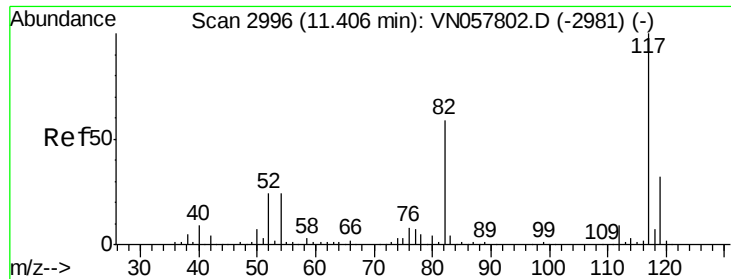


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

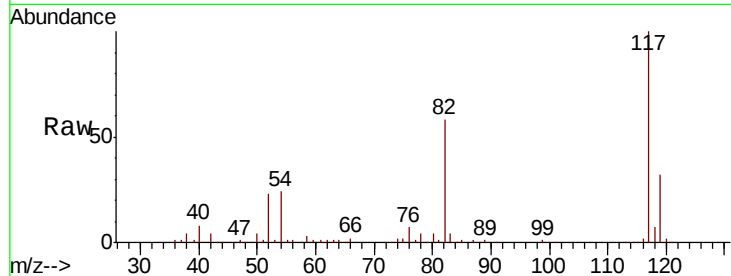




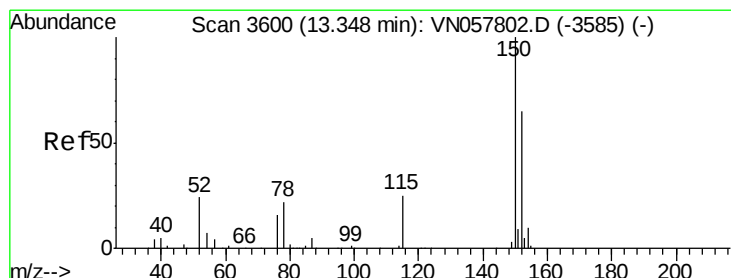
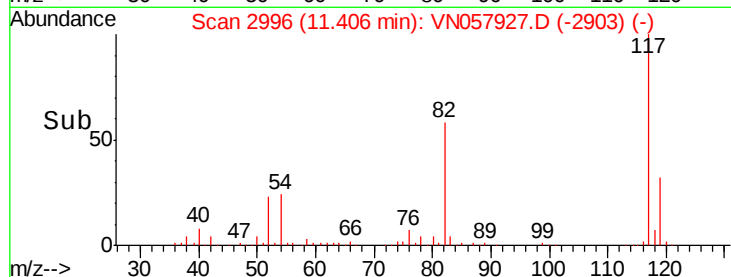
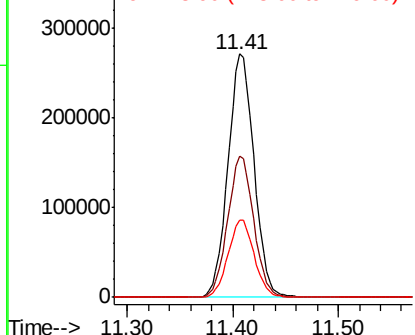
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057927.D
Acq: 11 Sep 2019 16:51

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBL01

Tgt Ion:117 Resp: 463648
Ion Ratio Lower Upper
117 100
82 57.8 47.2 70.8
119 31.8 25.3 37.9

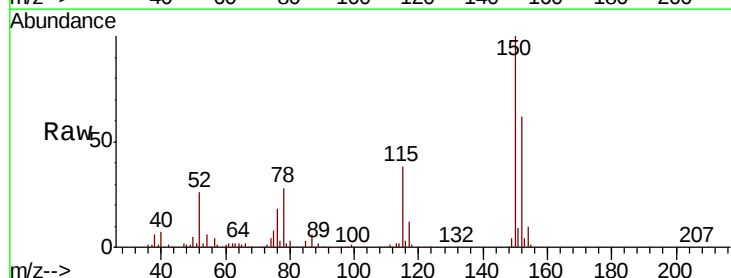


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

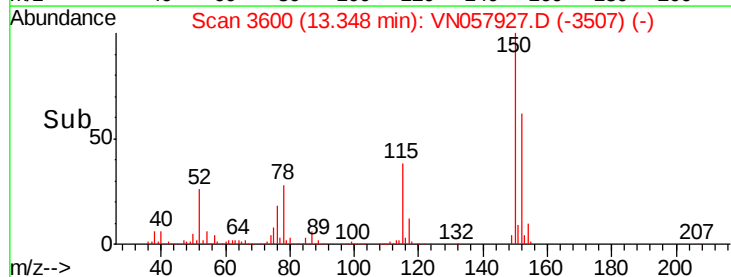
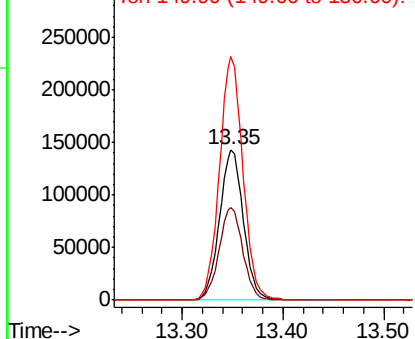


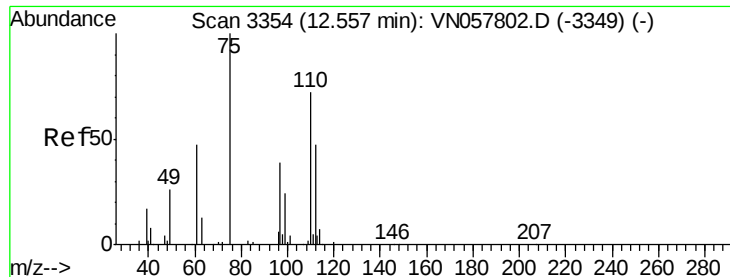
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057927.D
Acq: 11 Sep 2019 16:51

Tgt Ion:152 Resp: 237181
Ion Ratio Lower Upper
152 100
115 61.2 30.3 91.0
150 158.7 0.0 352.4



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: 29.433 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057927.D

Acq: 11 Sep 2019 16:51

Instrument :

MSVOA_N

ClientSampled :

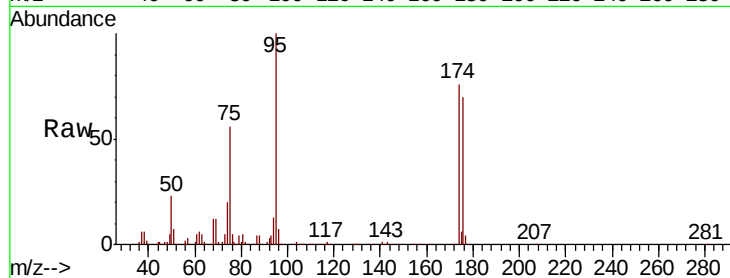
VN0912WBL01

Tgt Ion: 75 Resp: 157919

Ion Ratio Lower Upper

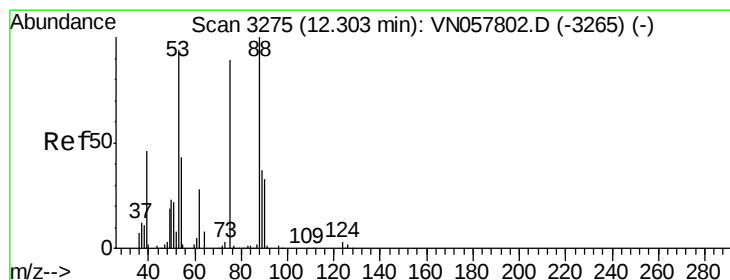
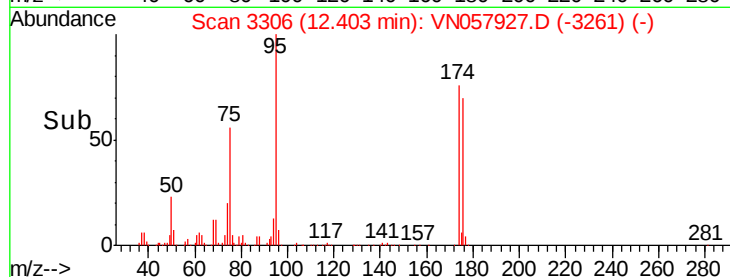
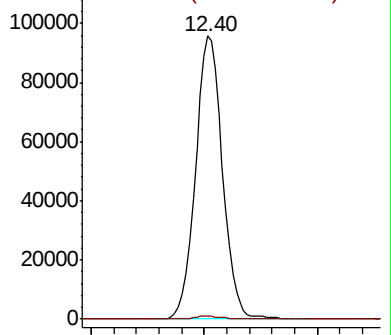
75 100

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



#81

trans-1,4-Dichloro-2-butene

Concen: 103.574 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN057927.D

Acq: 11 Sep 2019 16:51

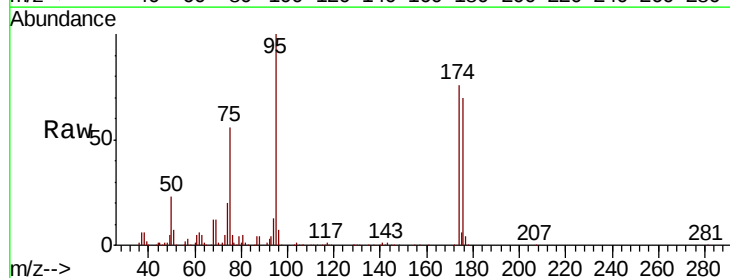
Tgt Ion: 75 Resp: 157919

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

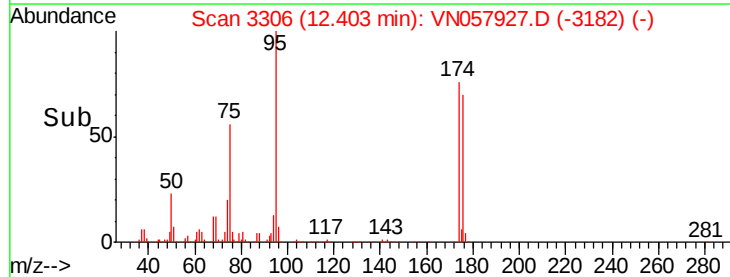
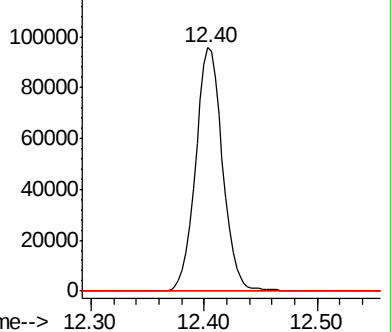
89 0.0 35.3 52.9#

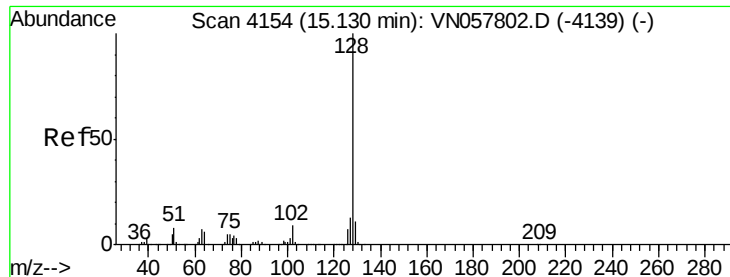


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#95

Naphthalene

Concen: Below Cal

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN057927.D

Acq: 11 Sep 2019 16:51

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBL01

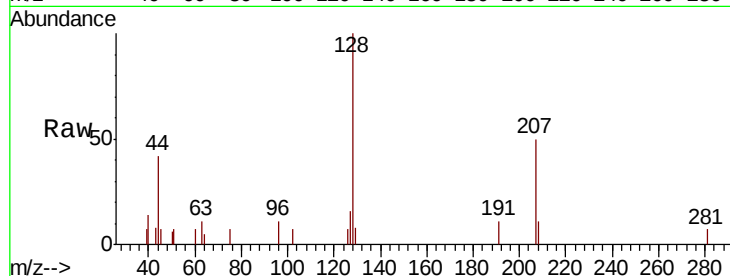
Tgt Ion:128 Resp: 5327

Ion Ratio Lower Upper

128 100

127 11.5 10.3 15.5

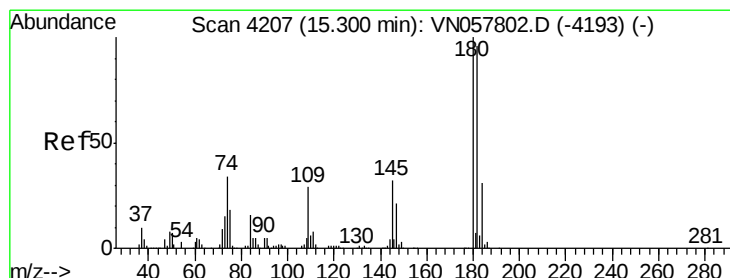
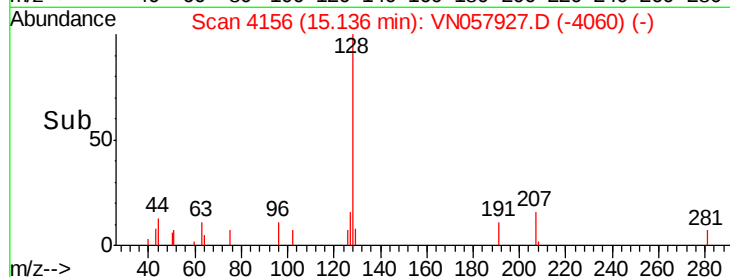
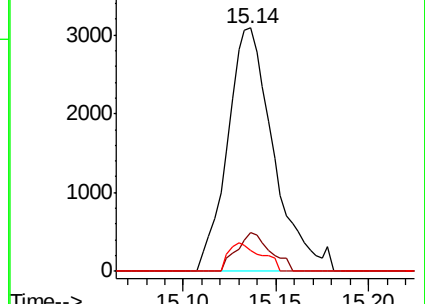
129 8.2 8.6 12.8#



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: 1.271 ug/l

RT: 15.31 min Scan# 4209

Delta R.T. 0.01 min

Lab File: VN057927.D

Acq: 11 Sep 2019 16:51

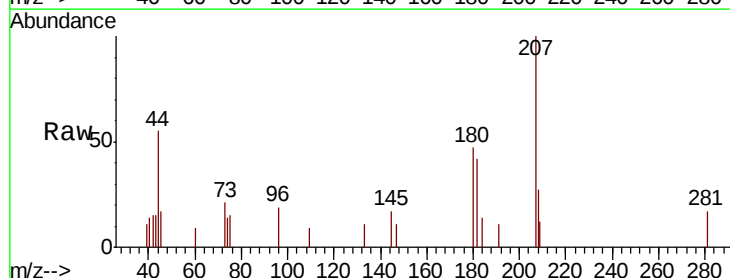
Tgt Ion:180 Resp: 1338

Ion Ratio Lower Upper

180 100

182 90.7 48.3 144.8

145 26.2 16.3 48.8



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

