

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121918\
 Data File : VN053005.D
 Acq On : 19 Dec 2018 12:36
 Operator : MD\SY
 Sample : J6386-05ME
 Misc : 5.10g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 20 05:18:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1148139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1754833	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1594748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	692140	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	547036	46.95	ug/l	0.00
Spiked Amount			Recovery	=	93.90%	
35) Dibromofluoromethane	7.59	113	419800	52.37	ug/l	0.00
Spiked Amount			Recovery	=	104.74%	
50) Toluene-d8	10.09	98	2153892	50.05	ug/l	0.00
Spiked Amount			Recovery	=	100.10%	
62) 4-Bromofluorobenzene	12.40	95	720242	47.68	ug/l	0.00
Spiked Amount			Recovery	=	95.36%	

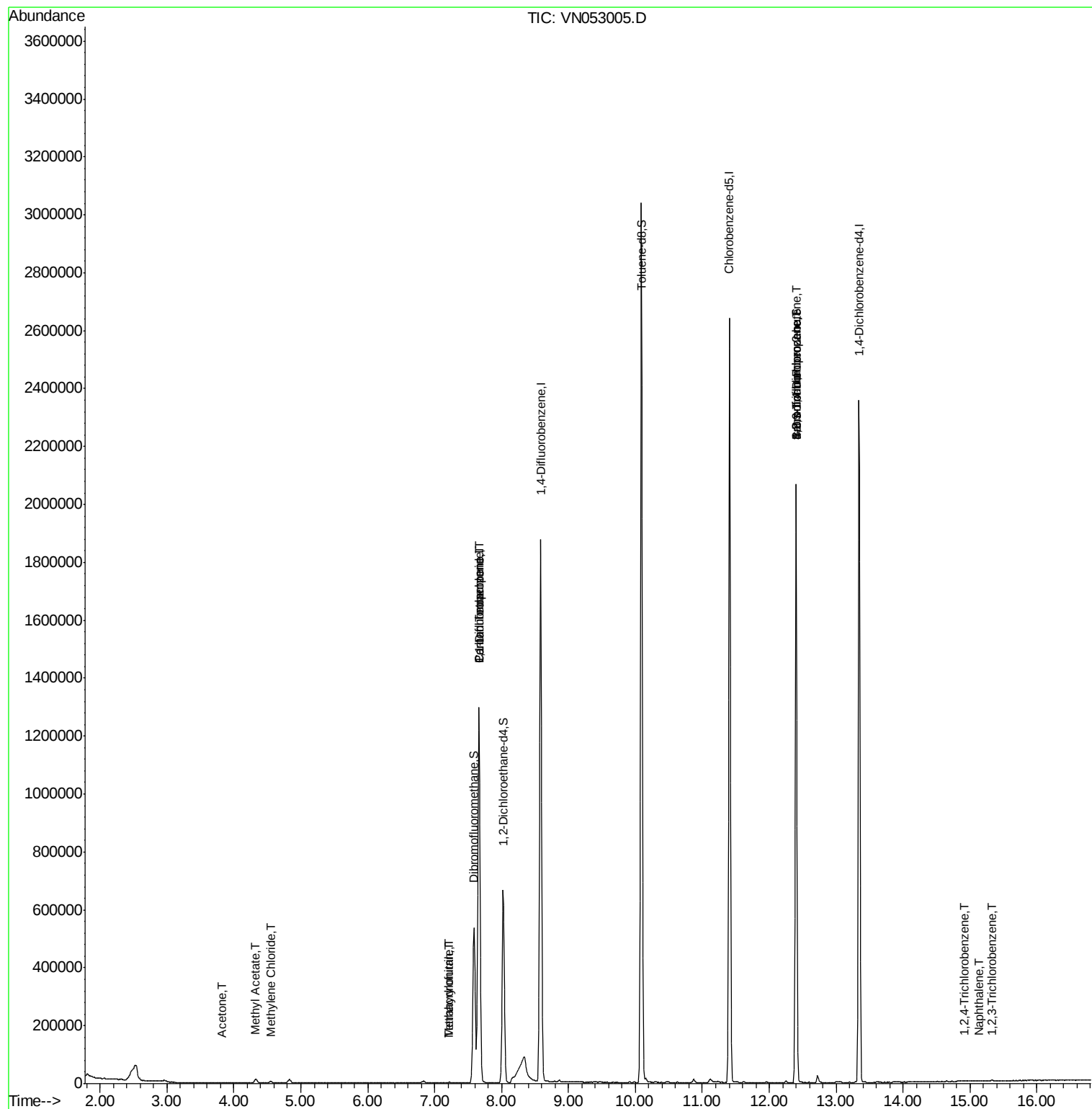
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	1326	0.580	ug/l #	77
18) Methyl Acetate	4.32	43	27769	3.617	ug/l	96
20) Methylene Chloride	4.54	84	4286	0.344	ug/l	91
29) Tetrahydrofuran	7.23	42	2769	0.967	ug/l #	72
31) Cyclohexane	7.66	56	19394	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	75726	4.496	ug/l #	48
38) Carbon Tetrachloride	7.66	117	97647	6.325	ug/l #	16
41) Methacrylonitrile	7.22	41	1388	0.255	ug/l #	26
43) Isopropyl Acetate	8.17	43	14402	Below Cal	#	53
71) Bromoform	12.40	173	3630	0.409	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	338533	29.055	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	338533	93.648	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.91	180	593	0.643	ug/l #	92
95) Naphthalene	15.13	128	1590	1.204	ug/l #	79
96) 1,2,3-Trichlorobenzene	15.32	180	580	0.559	ug/l #	49

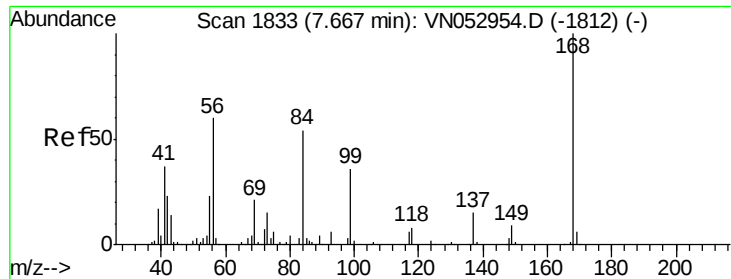
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121918\
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ClientSampleId :

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053005.D

Acq: 19 Dec 2018 12:36

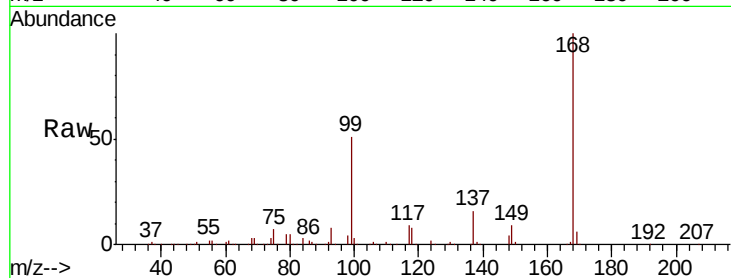
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 1148139

Ion Ratio Lower Upper

168 100

99 50.5 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

500000

400000

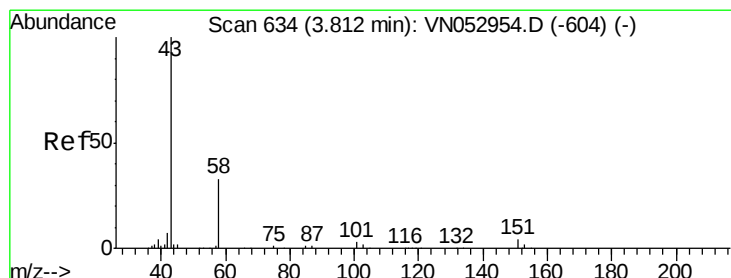
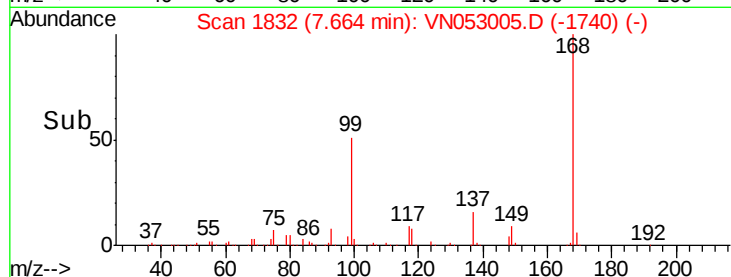
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 0.580 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053005.D

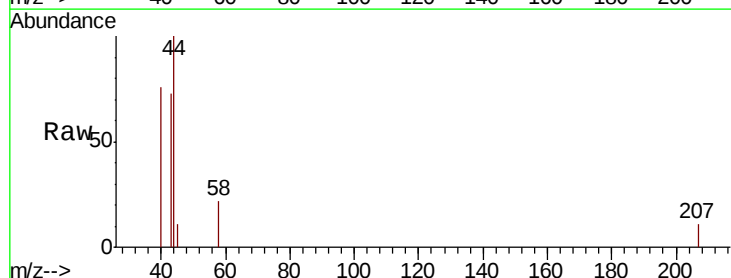
Acq: 19 Dec 2018 12:36

Tgt Ion: 43 Resp: 1326

Ion Ratio Lower Upper

43 100

58 44.5 25.4 38.0#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

1200

1000

800

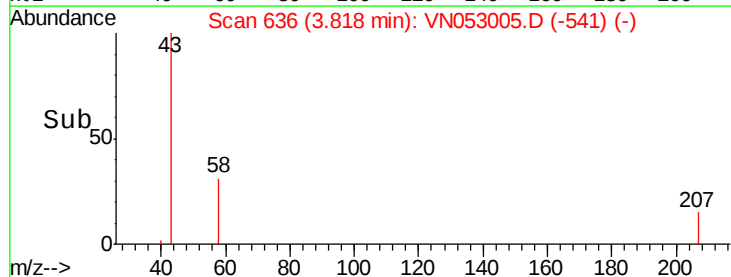
600

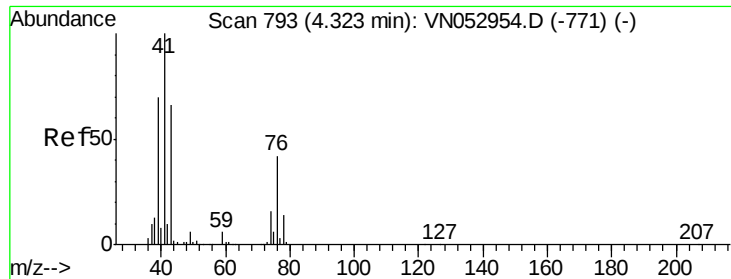
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200

0

Time-->

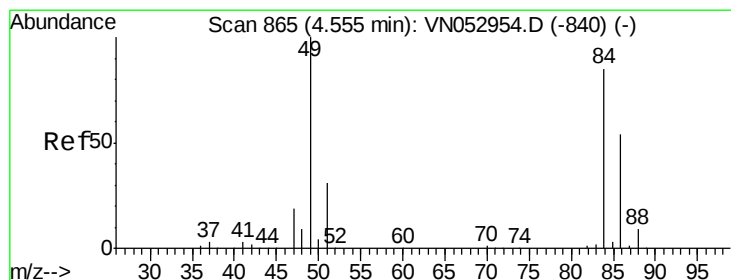
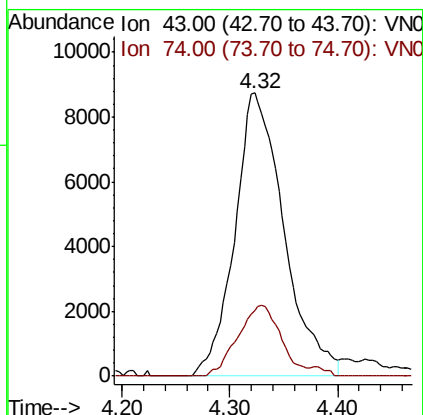
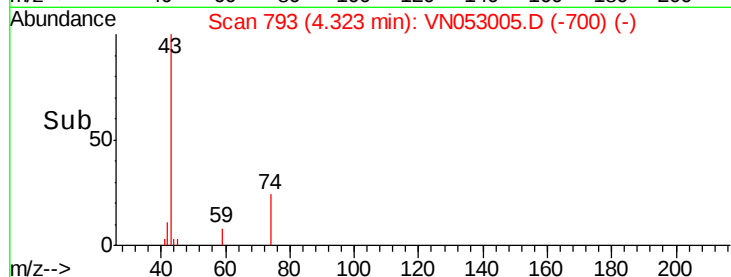
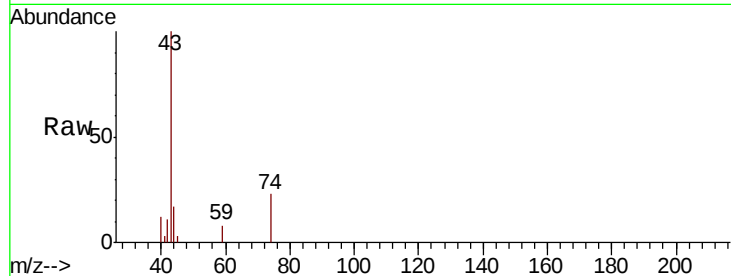




#18
Methyl Acetate
Concen: 3.617 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN053005.D
Acq: 19 Dec 2018 12:36

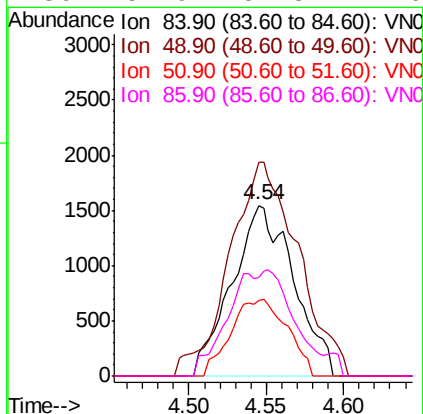
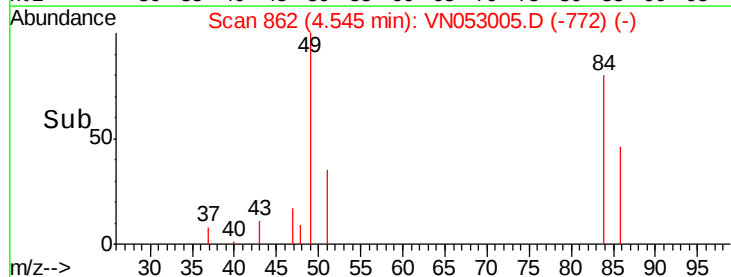
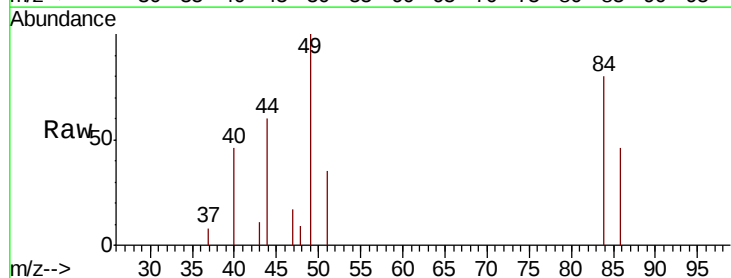
Instrument :
MSVOA_N
ClientSampled :

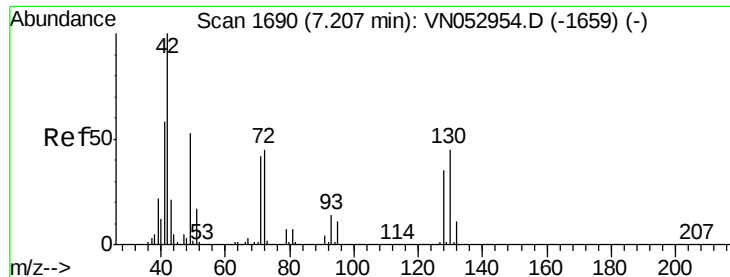
Tot Ion: 43 Resp: 27769
Ion Ratio Lower Upper
43 100
74 21.8 19.2 28.8



#20
Methylene Chloride
Concen: 0.344 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.01 min
Lab File: VN053005.D
Acq: 19 Dec 2018 12:36

Tgt Ion: 84 Resp: 4286
Ion Ratio Lower Upper
84 100
49 112.3 96.8 145.2
51 44.0 29.9 44.9
86 57.9 51.8 77.6

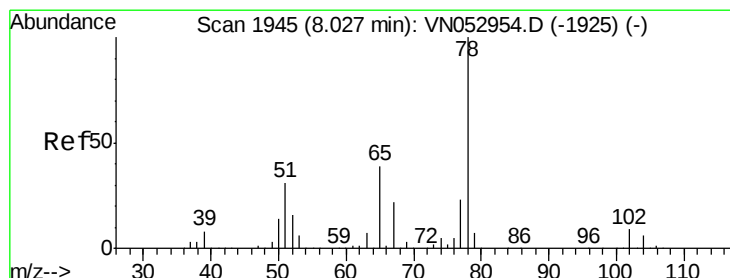
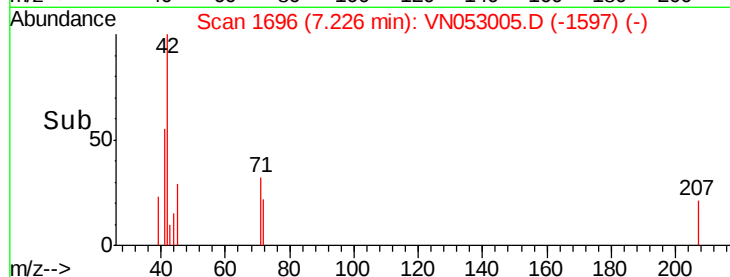
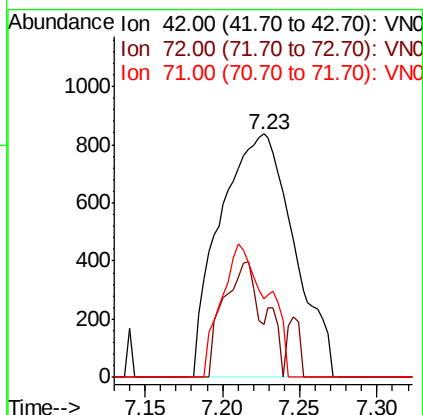
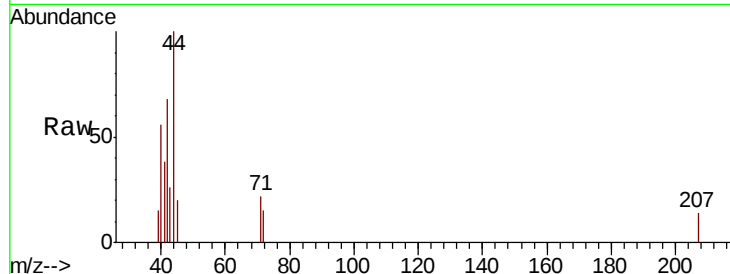




#29
Tetrahydrofuran
Concen: 0.967 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.02 min
Lab File: VN053005.D
Acq: 19 Dec 2018 12:36

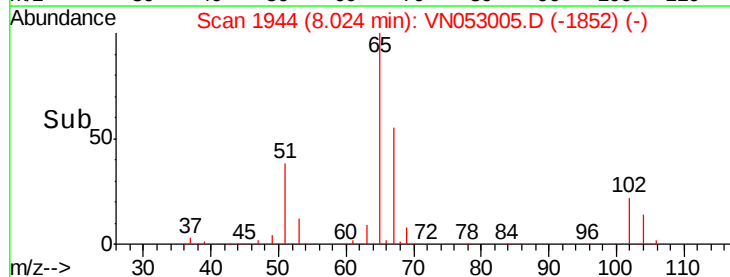
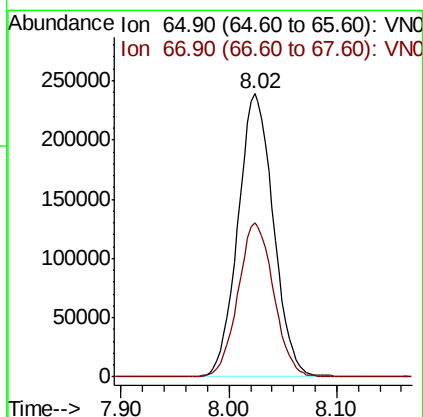
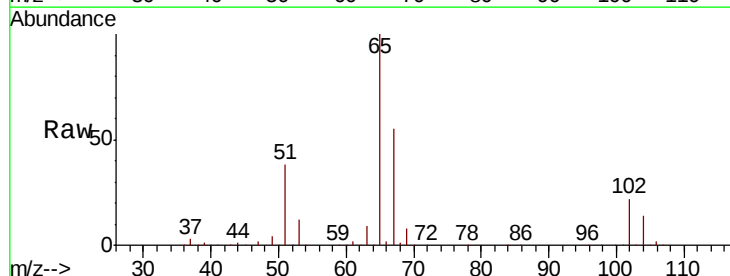
Instrument :
MSVOA_N
ClientSampled :

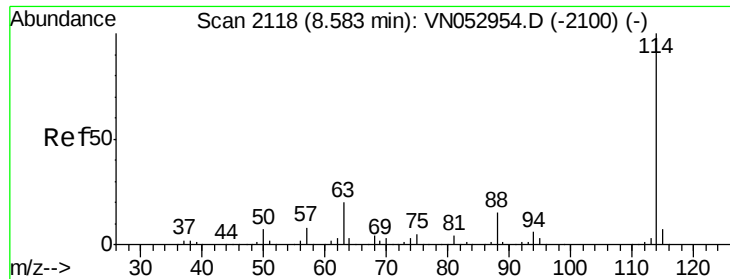
Tot Ion: 42 Resp: 2769
Ion Ratio Lower Upper
42 100
72 21.7 34.7 52.1#
71 26.7 32.3 48.5#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN053005.D
Acq: 19 Dec 2018 12:36

Tgt Ion: 65 Resp: 547036
Ion Ratio Lower Upper
65 100
67 54.8 0.0 110.4

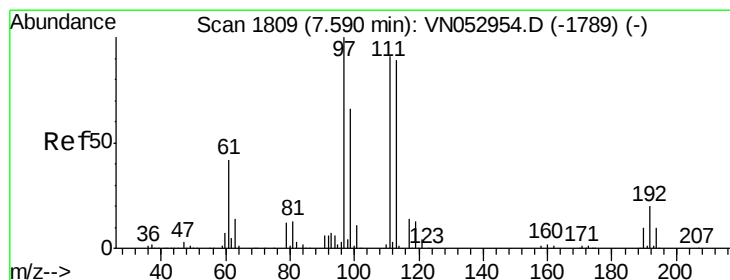
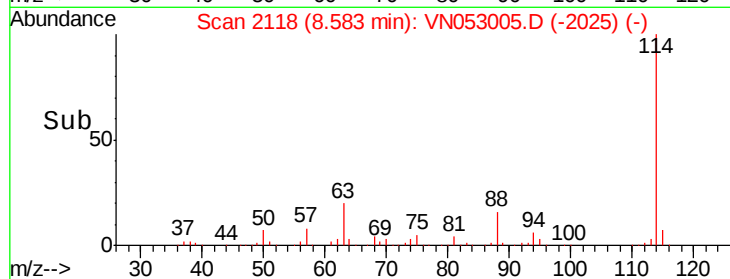
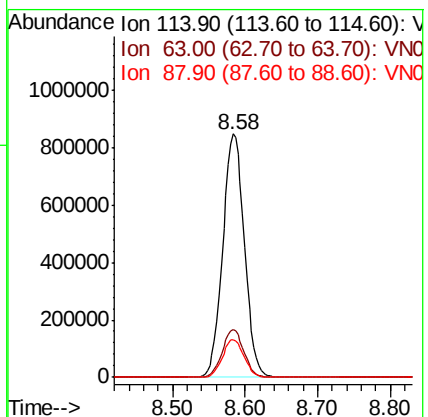
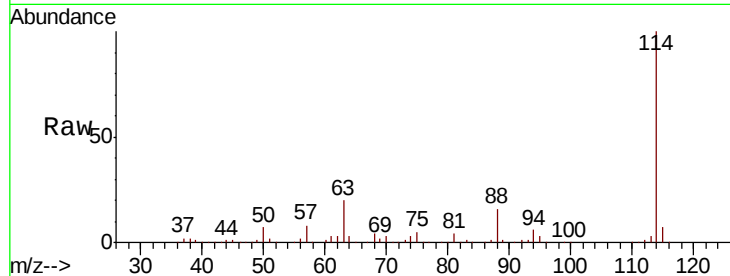




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN053005.D
 Acq: 19 Dec 2018 12:36

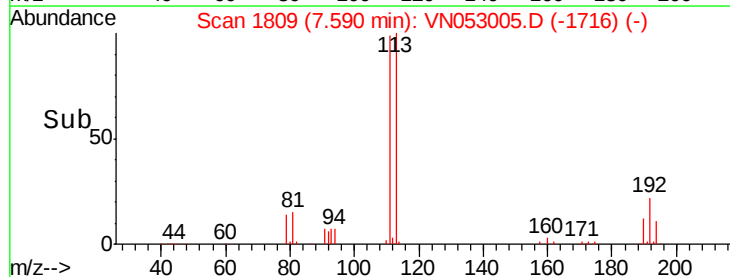
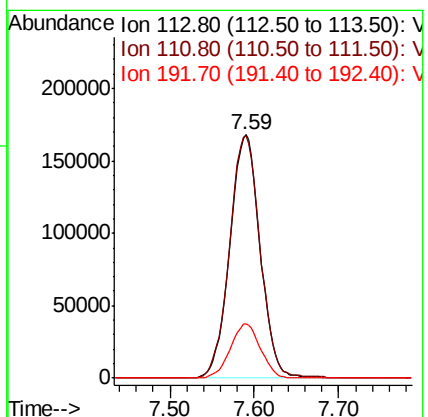
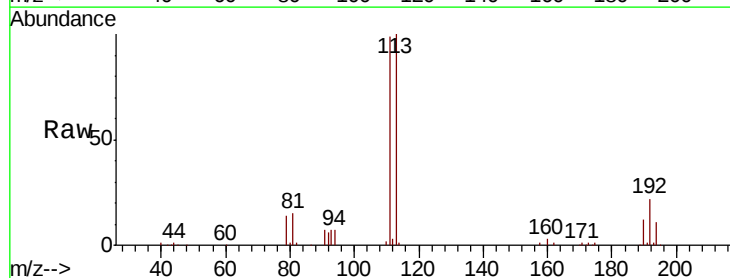
Instrument :
 MSVOA_N
 ClientSampleId :

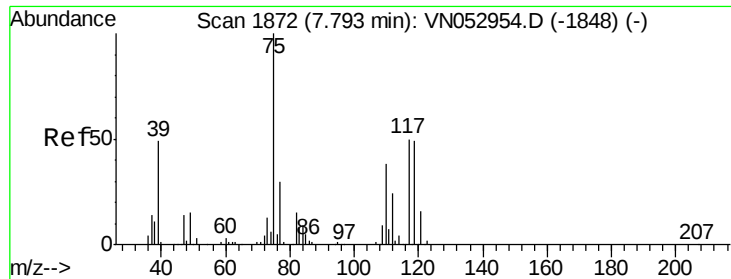
Tot Ion:114 Resp: 1754833
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 15.6 0.0 31.0



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053005.D
 Acq: 19 Dec 2018 12:36

Tgt Ion:113 Resp: 419800
 Ion Ratio Lower Upper
 113 100
 111 100.7 83.0 124.4
 192 22.2 17.5 26.3

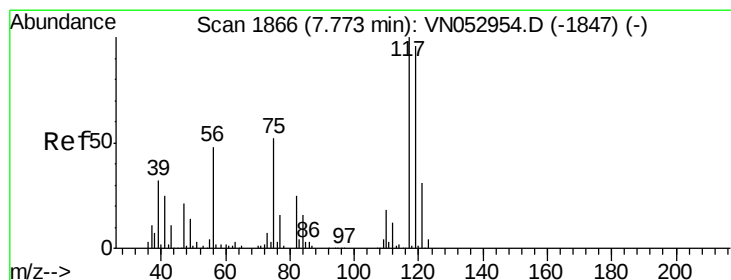
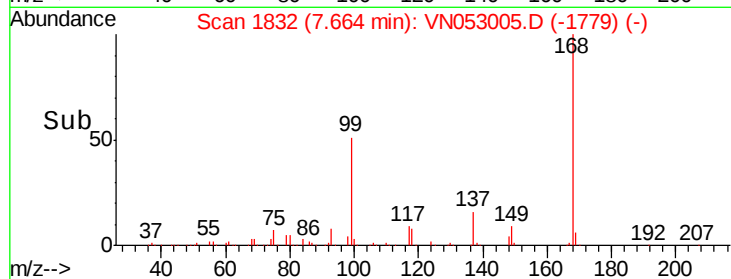
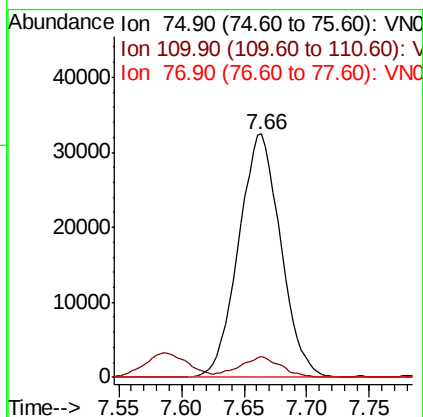
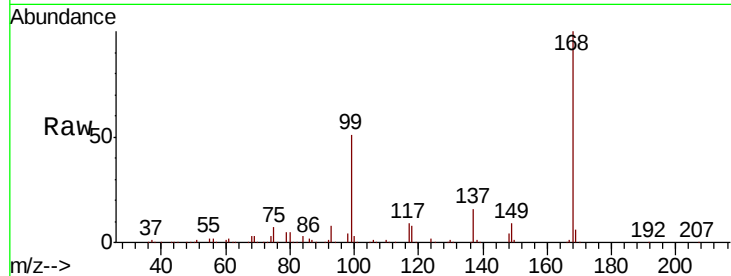




#36
 1,1-Dichloropropene
 Concen: 4.496 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053005.D
 Acq: 19 Dec 2018 12:36

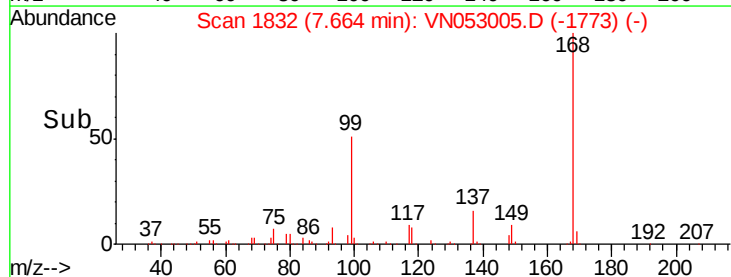
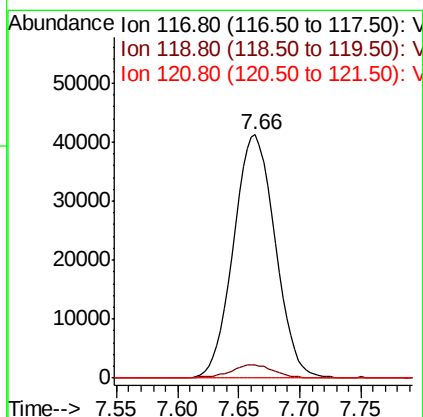
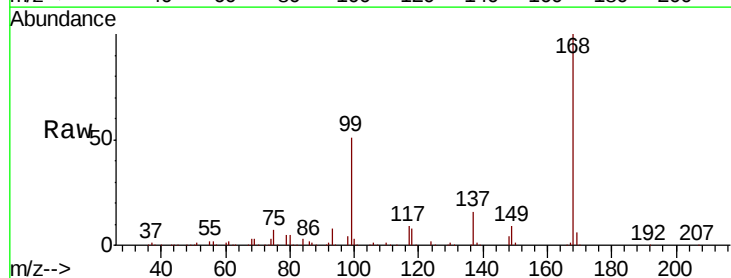
Instrument :
 MSVOA_N
 ClientSampled :

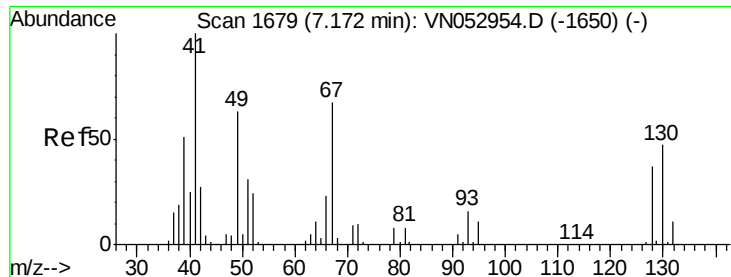
Tot Ion	75	Resp	75726
Ion Ratio	100	Lower	Upper
75	100		
110	8.3	18.2	54.6#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.325 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN053005.D
 Acq: 19 Dec 2018 12:36

Tgt Ion	117	Resp	97647
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	5.4	77.1	115.7#
121	0.0	24.9	37.3#





#41

Methacrylonitrile

Concen: 0.255 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.05 min

Lab File: VN053005.D

Acq: 19 Dec 2018 12:36

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 41 Resp: 1388

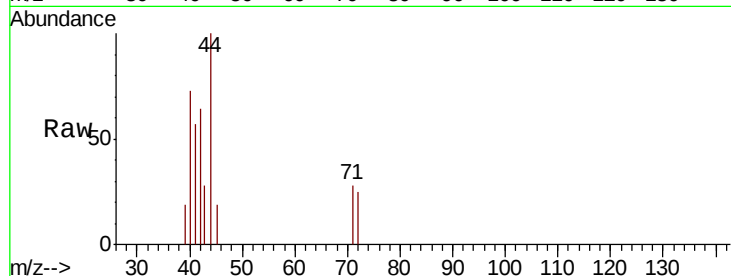
Ion Ratio Lower Upper

41 100

39 19.5 48.0 72.0#

67 0.0 70.3 105.5#

52 0.0 26.9 40.3#

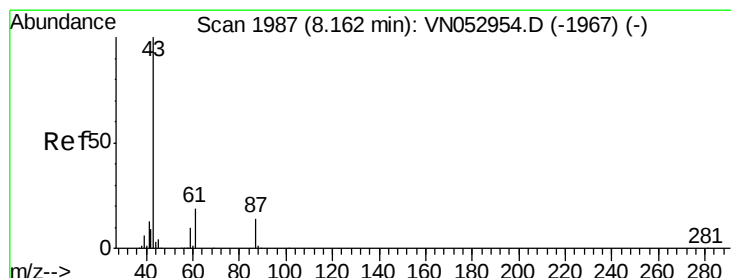
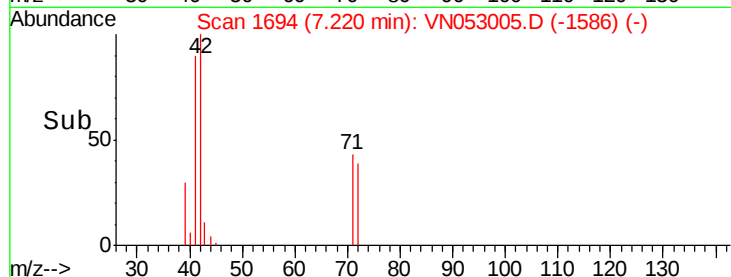
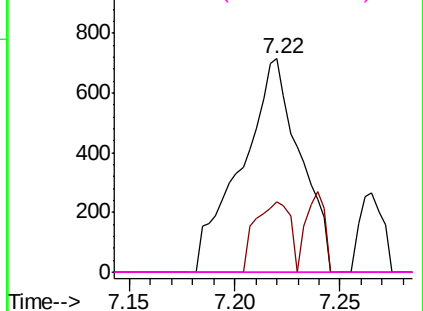


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.17 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN053005.D

Acq: 19 Dec 2018 12:36

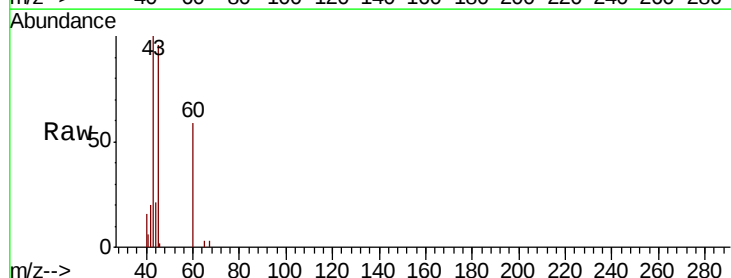
Tgt Ion: 43 Resp: 14402

Ion Ratio Lower Upper

43 100

61 0.0 22.9 34.3#

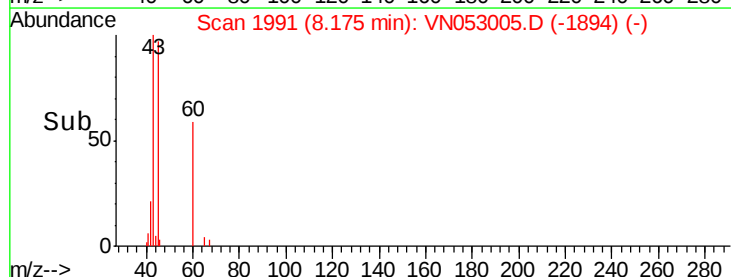
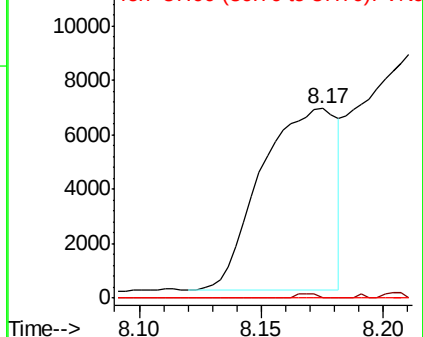
87 0.0 10.6 15.8#

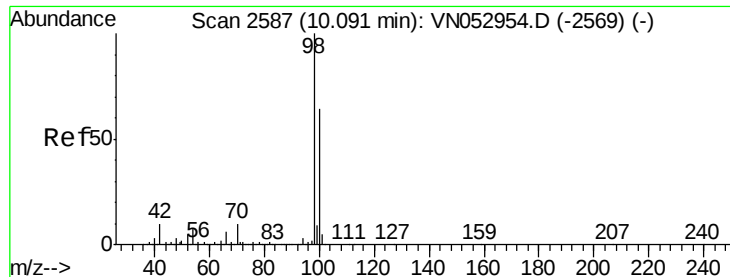


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN053005.D

Acq: 19 Dec 2018 12:36

Instrument :

MSVOA_N

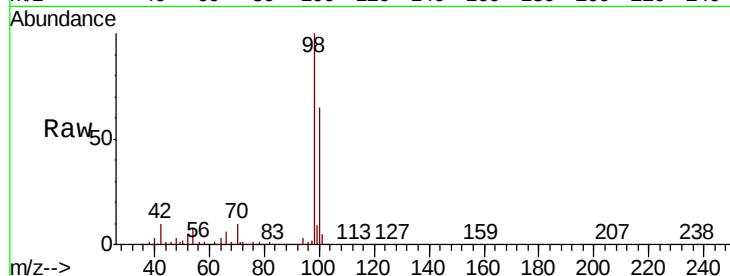
ClientSampled :

Tot Ion: 98 Resp: 2153892

Ion Ratio Lower Upper

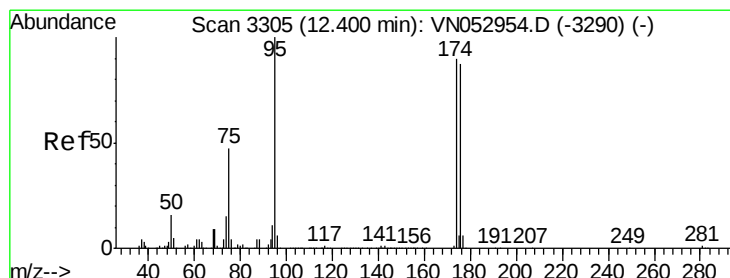
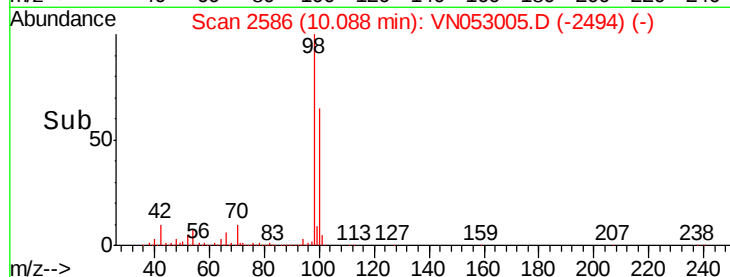
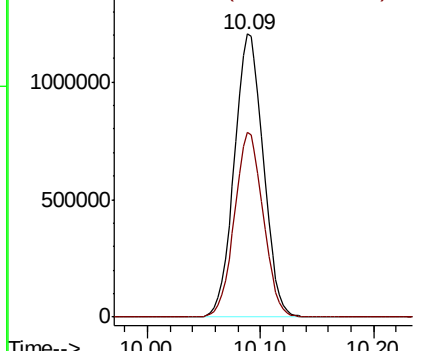
98 100

100 64.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN052954.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN052954.D (-2569) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053005.D

Acq: 19 Dec 2018 12:36

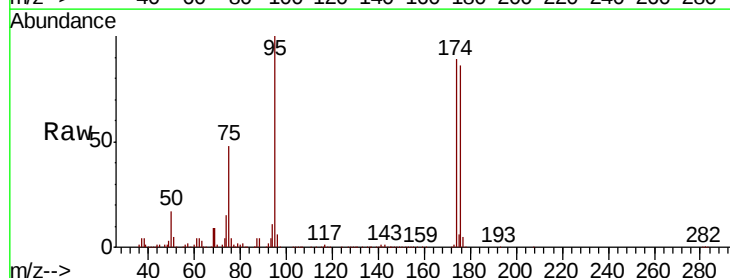
Tgt Ion: 95 Resp: 720242

Ion Ratio Lower Upper

95 100

174 90.2 0.0 178.8

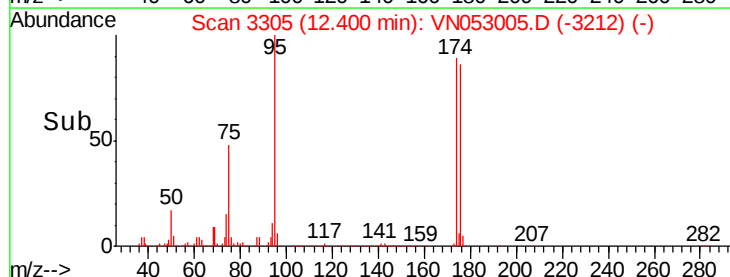
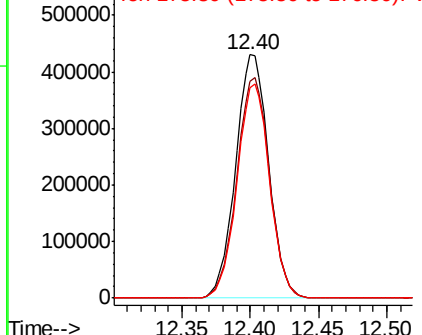
176 87.0 0.0 173.8

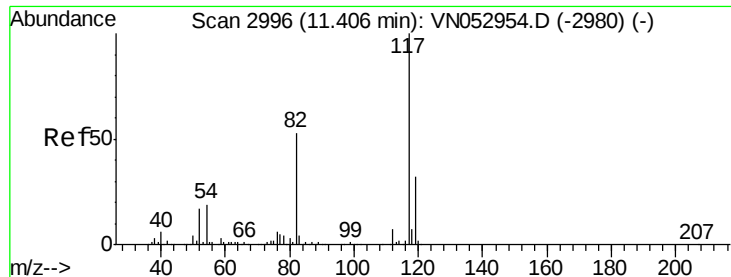


Abundance Ion 94.90 (94.60 to 95.60): VN052954.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN052954.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN052954.D (-3290) (-)

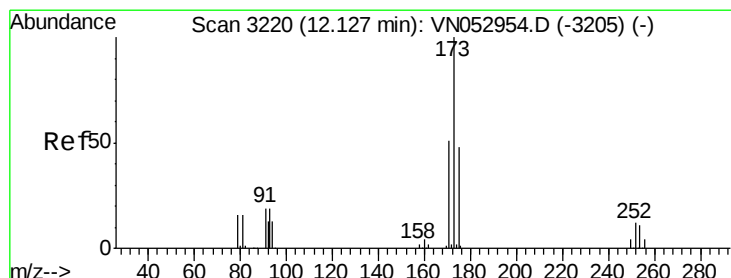
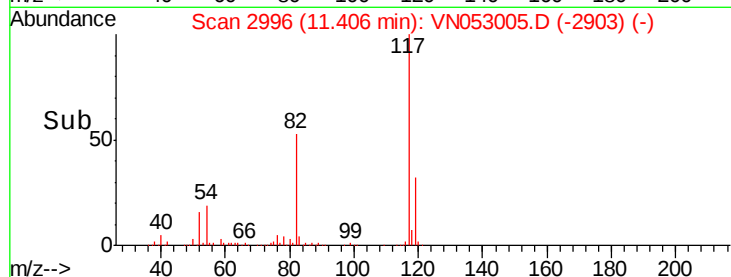
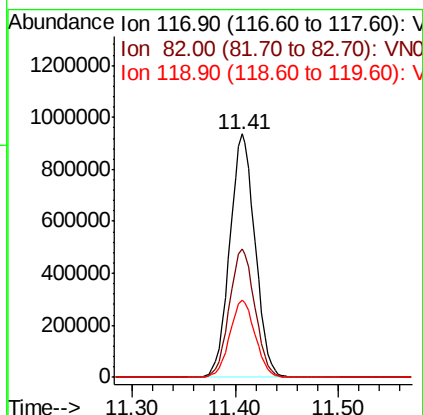
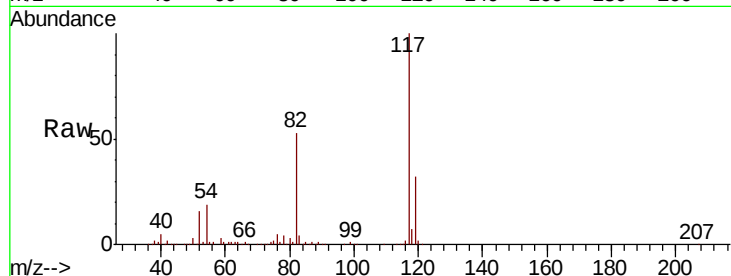




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053005.D
Acq: 19 Dec 2018 12:36

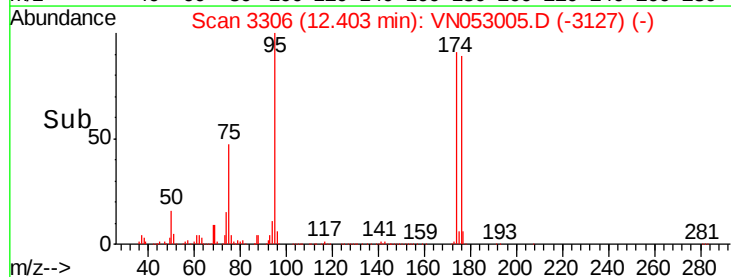
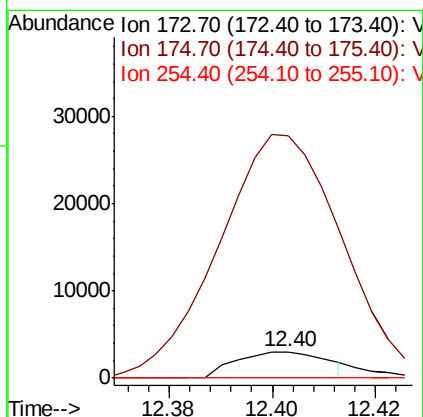
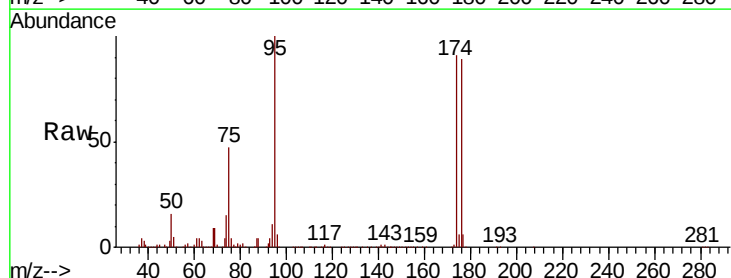
Instrument :
MSVOA_N
ClientSampleId :

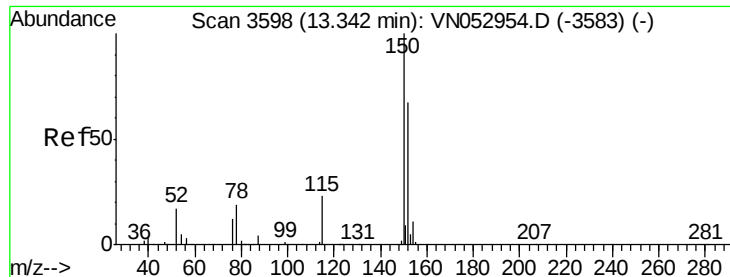
Tot Ion:117 Resp: 1594748
Ion Ratio Lower Upper
117 100
82 52.8 42.8 64.2
119 31.8 25.5 38.3



#71
Bromoform
Concen: 0.409 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN053005.D
Acq: 19 Dec 2018 12:36

Tgt Ion:173 Resp: 3630
Ion Ratio Lower Upper
173 100
175 1125.0 24.3 72.9#
254 0.0 0.1 0.1#



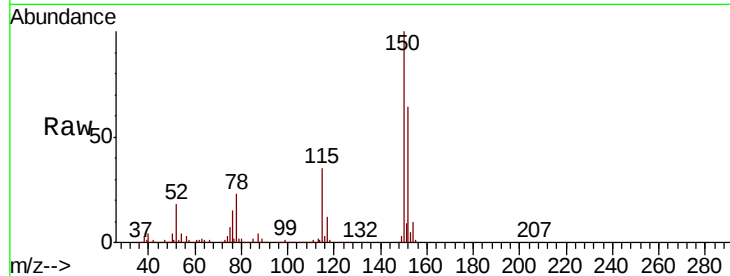


#72

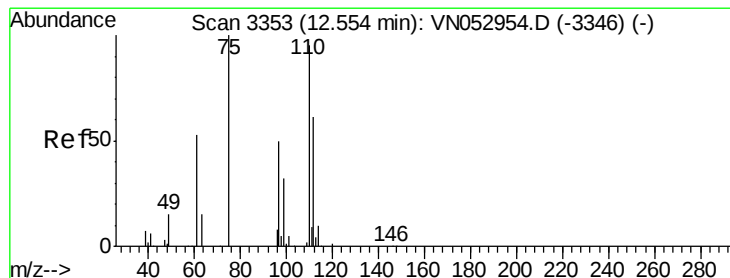
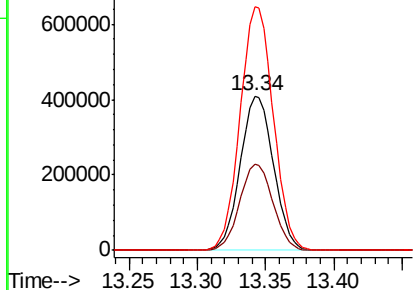
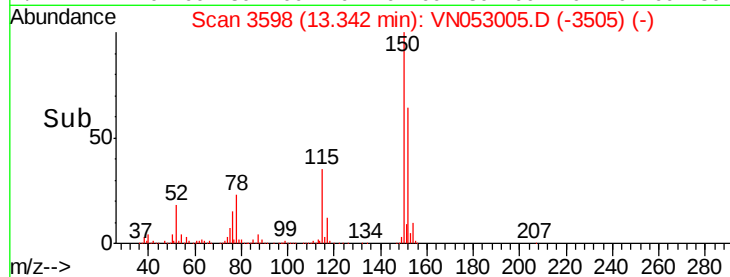
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053005.D
Acq: 19 Dec 2018 12:36

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.0	28.3	85.0
150	157.3	0.0	347.8



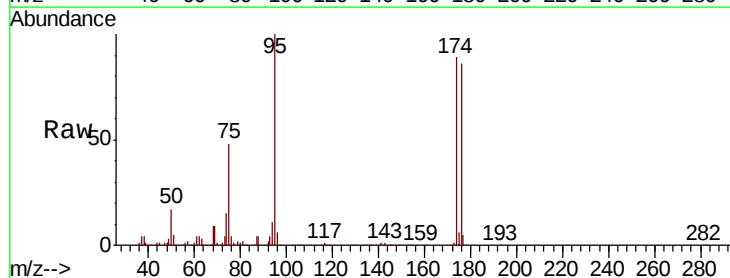
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



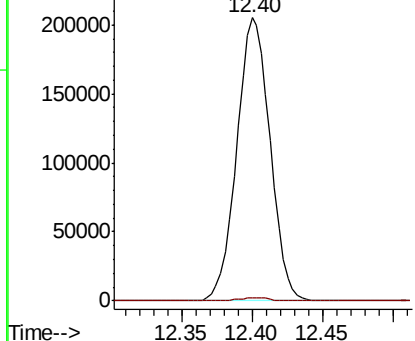
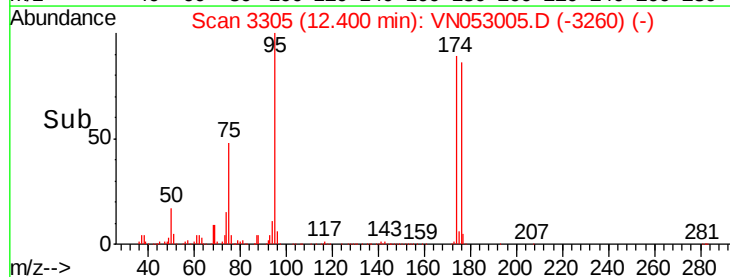
#76

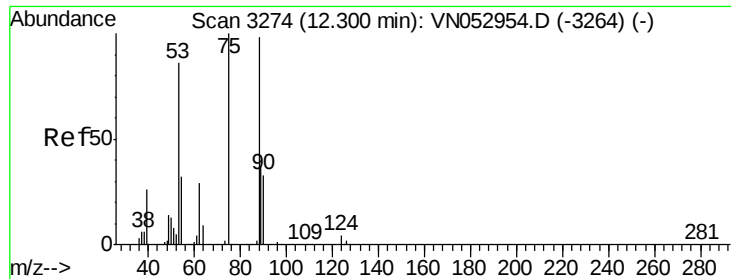
1,2,3-Trichloropropane
Concen: 29.055 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN053005.D
Acq: 19 Dec 2018 12:36

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.1	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: 93.648 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053005.D

Acq: 19 Dec 2018 12:36

Instrument :

MSVOA_N

ClientSampled :

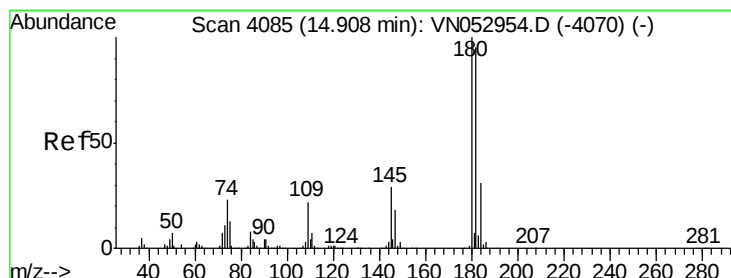
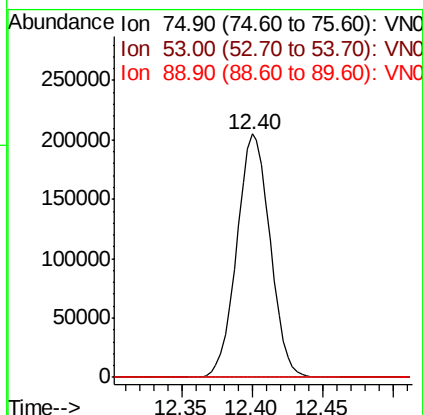
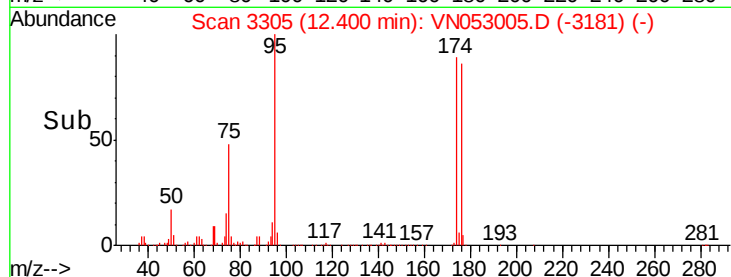
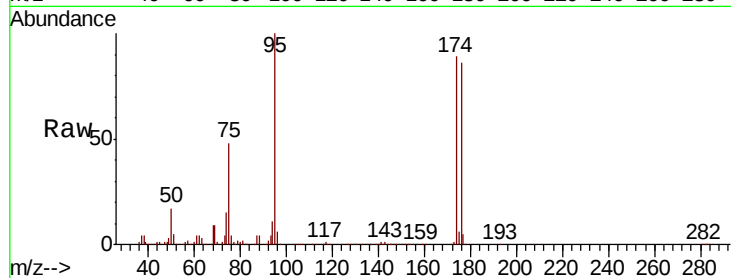
Tot Ion: 75 Resp: 338533

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

89 0.0 36.1 54.1#



#93

1,2,4-Trichlorobenzene

Concen: 0.643 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.01 min

Lab File: VN053005.D

Acq: 19 Dec 2018 12:36

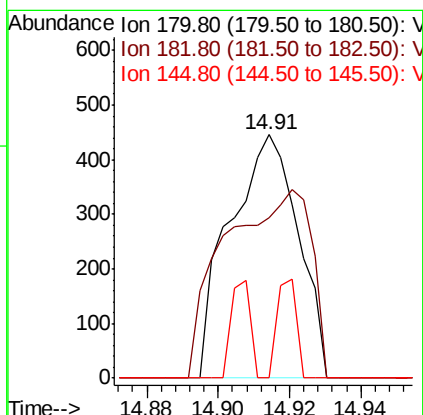
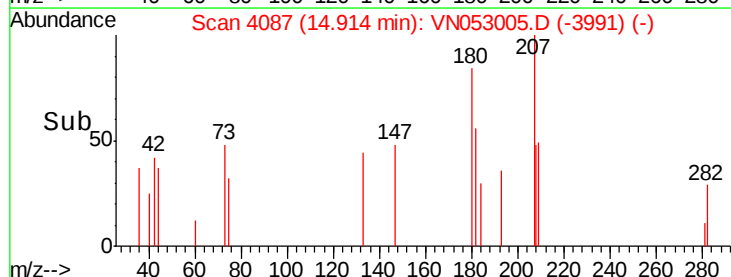
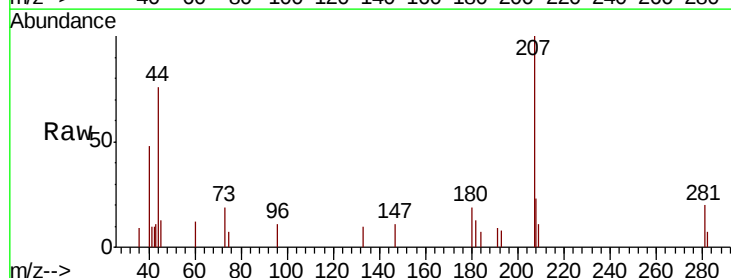
Tgt Ion: 180 Resp: 593

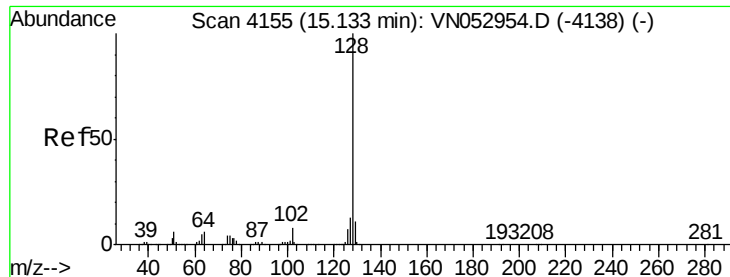
Ion Ratio Lower Upper

180 100

182 97.0 47.8 143.3

145 11.5 14.2 42.6#





#95

Naphthalene

Concen: 1.204 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.01 min

Lab File: VN053005.D

Acq: 19 Dec 2018 12:36

Instrument :

MSVOA_N

ClientSampled :

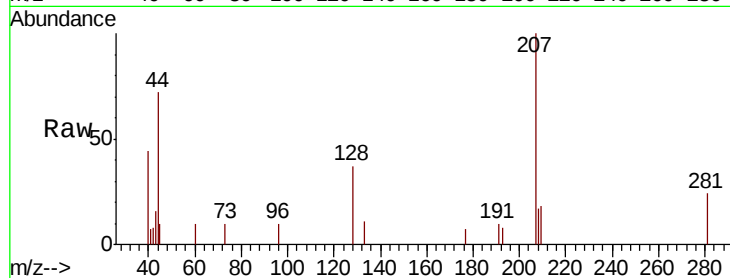
Tot Ion:128 Resp: 1590

Ion Ratio Lower Upper

128 100

127 7.4 10.2 15.4#

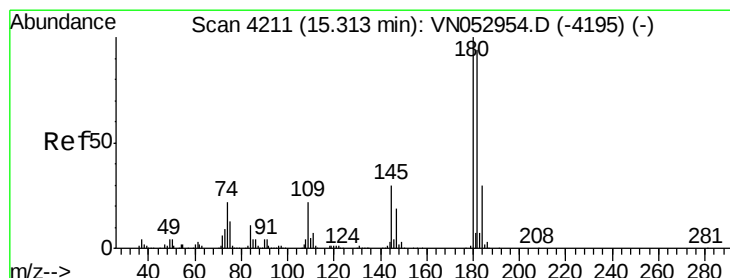
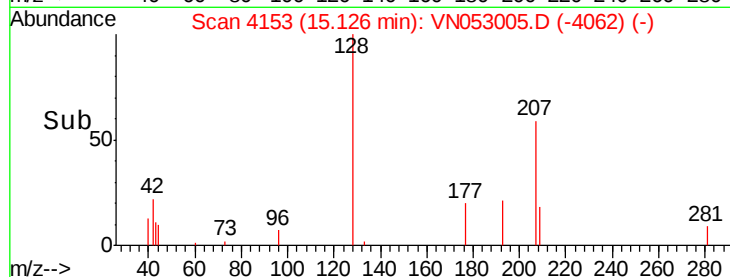
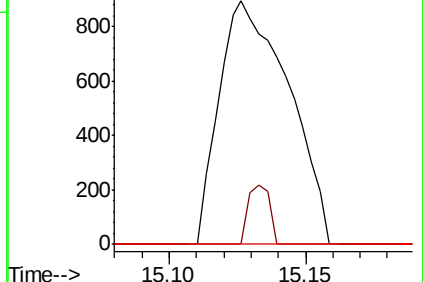
129 0.0 8.6 13.0#



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: 0.559 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN053005.D

Acq: 19 Dec 2018 12:36

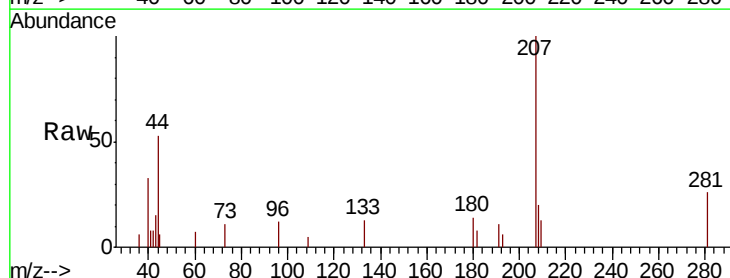
Tgt Ion:180 Resp: 580

Ion Ratio Lower Upper

180 100

182 47.6 47.9 143.7#

145 0.0 15.0 45.0#



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

