

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050120\
 Data File : VN061221.D
 Acq On : 1 May 2020 11:23
 Operator : JC/MD
 Sample : VN0501MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0501MBL01

Quant Time: May 04 00:51:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

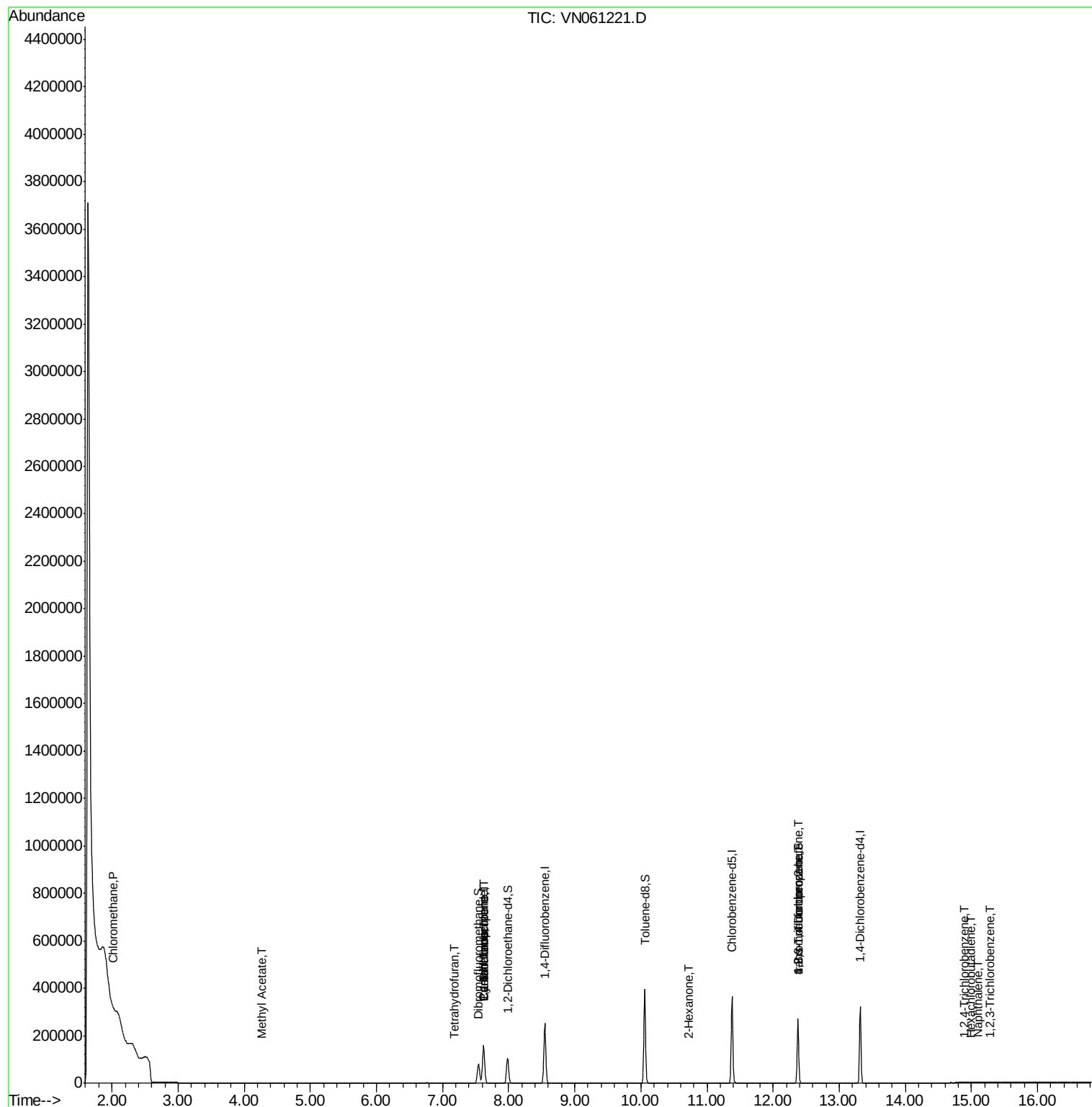
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	122091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	212361	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	195399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	81505	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	91680	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
35) Dibromofluoromethane	7.54	113	62589	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
50) Toluene-d8	10.06	98	263157	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
62) 4-Bromofluorobenzene	12.37	95	93022	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.03	50	530	0.338	ug/l #	84
16) Acetone	3.78	43	1198	Below Cal	#	47
18) Methyl Acetate	4.27	43	526	0.892	ug/l #	55
29) Tetrahydrofuran	7.17	42	380	0.493	ug/l #	37
31) Cyclohexane	7.62	56	2982	1.061	ug/l #	1
36) 1,1-Dichloropropene	7.62	75	10750	5.057	ug/l #	49
38) Carbon Tetrachloride	7.62	117	12532	8.452	ug/l #	16
59) 2-Hexanone	10.72	43	403	0.228	ug/l #	27
76) 1,2,3-Trichloropropane	12.37	75	49859	29.016	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	49859	73.685	ug/l #	8
93) 1,2,4-Trichlorobenzene	14.89	180	613	0.412	ug/l #	84
94) Hexachlorobutadiene	14.98	225	179	0.288	ug/l #	28
95) Naphthalene	15.11	128	2766	0.571	ug/l #	81
96) 1,2,3-Trichlorobenzene	15.28	180	698	0.476	ug/l #	88

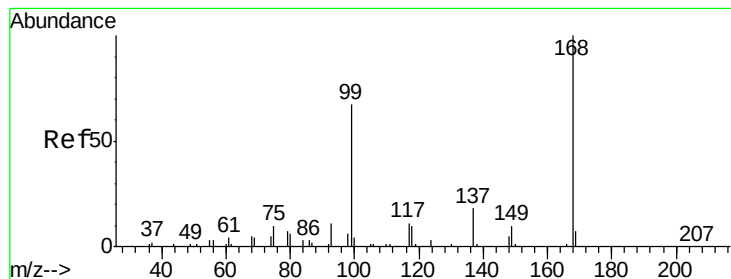
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050120\
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Sample : VN0501MBL01
Misc : 5.00µL/10mL/100µL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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Quant Time: May 04 00:51:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 29 08:14:26 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VN061221.D

Acq: 1 May 2020 11:23

Instrument :

MSVOA_N

ClientSampleId :

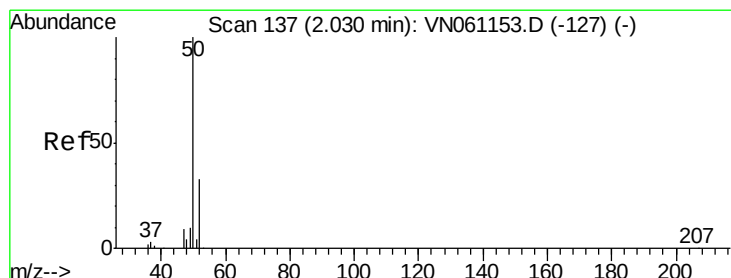
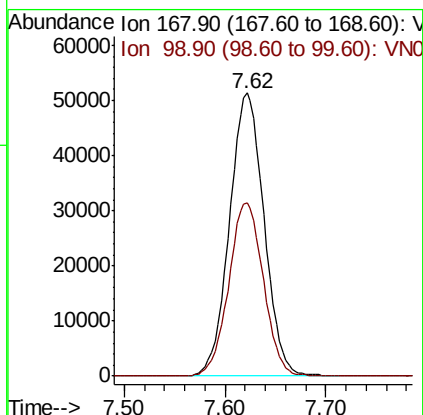
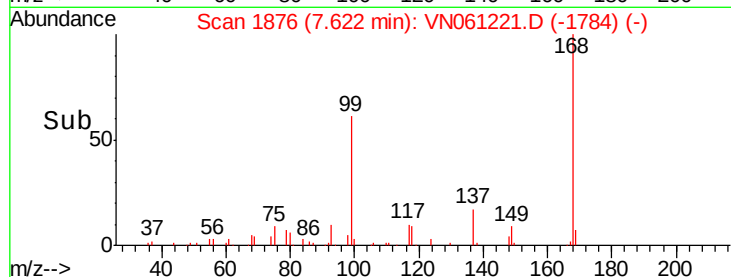
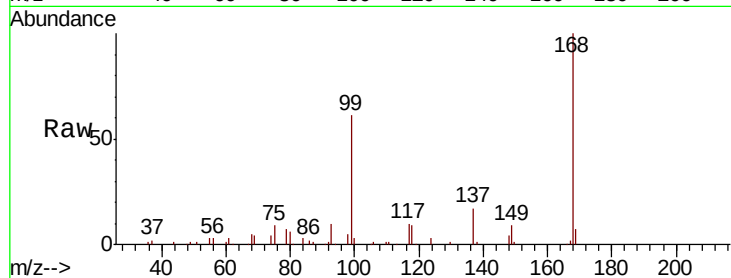
VN0501MBL01

Tot Ion:168 Resp: 122091

Ion Ratio Lower Upper

168 100

99 61.4 51.2 76.8



#3

Chloromethane

Concen: 0.338 ug/l

RT: 2.03 min Scan# 138

Delta R.T. 0.00 min

Lab File: VN061221.D

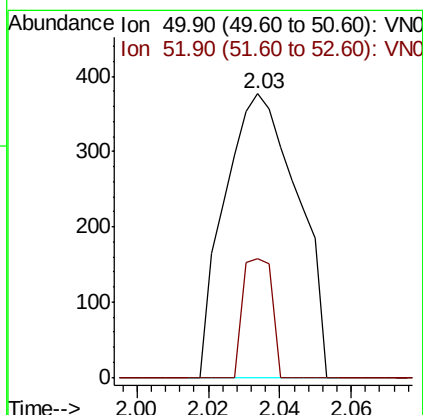
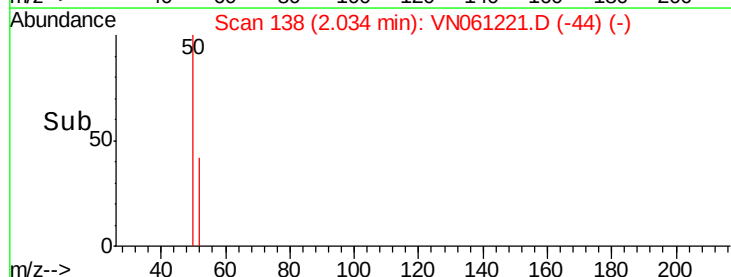
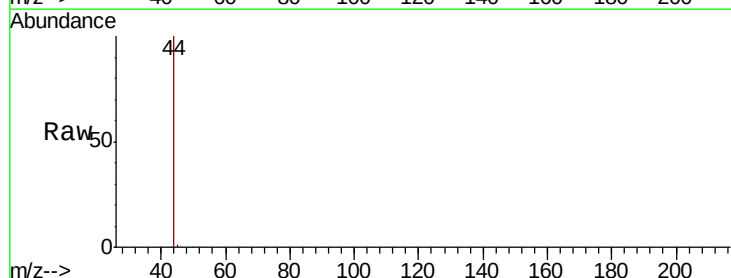
Acq: 1 May 2020 11:23

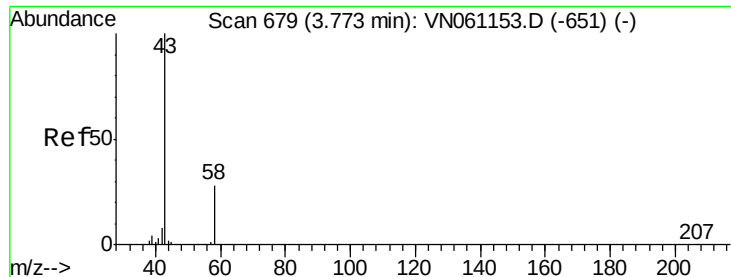
Tgt Ion: 50 Resp: 530

Ion Ratio Lower Upper

50 100

52 41.6 26.0 39.0#





#16

Acetone

Concen: Below Cal

RT: 3.78 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN061221.D

Acq: 1 May 2020 11:23

Instrument :

MSVOA_N

ClientSampleId :

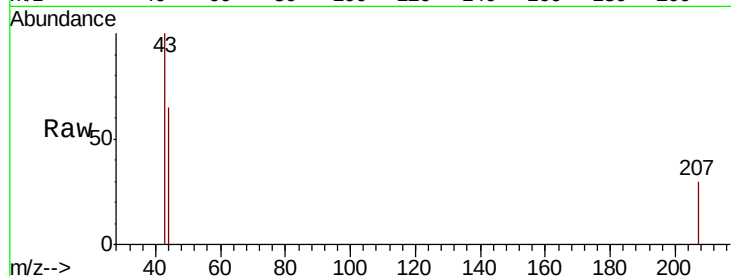
VN0501MBL01

Tot Ion: 43 Resp: 1198

Ion Ratio Lower Upper

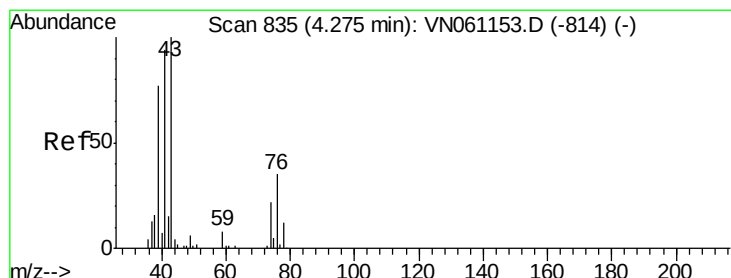
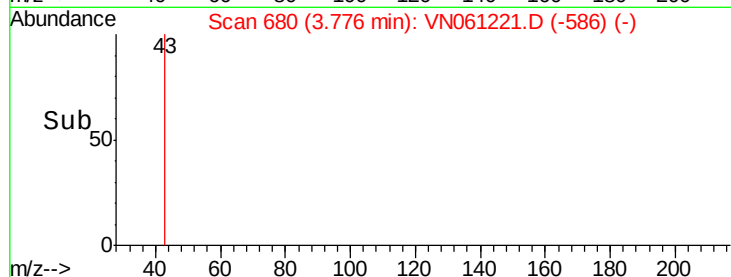
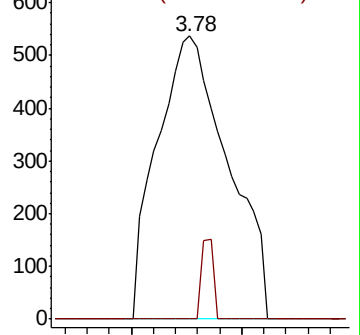
43 100

58 0.0 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 0.892 ug/l

RT: 4.27 min Scan# 832

Delta R.T. -0.01 min

Lab File: VN061221.D

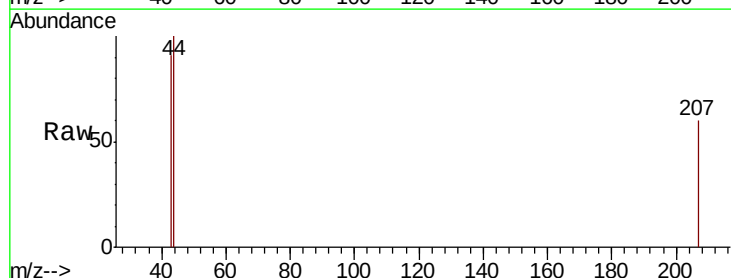
Acq: 1 May 2020 11:23

Tgt Ion: 43 Resp: 526

Ion Ratio Lower Upper

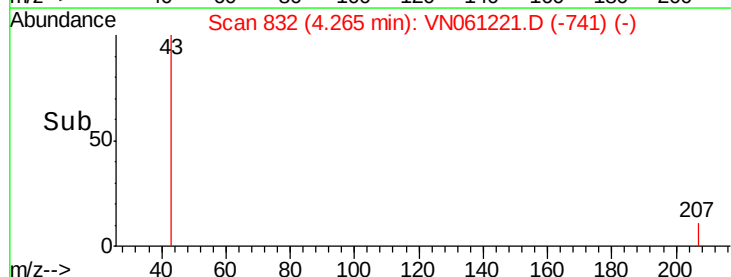
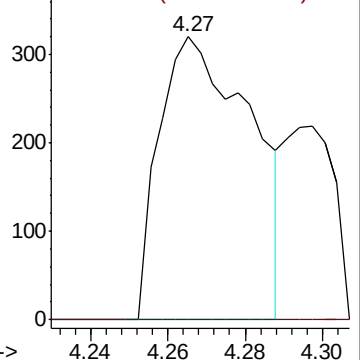
43 100

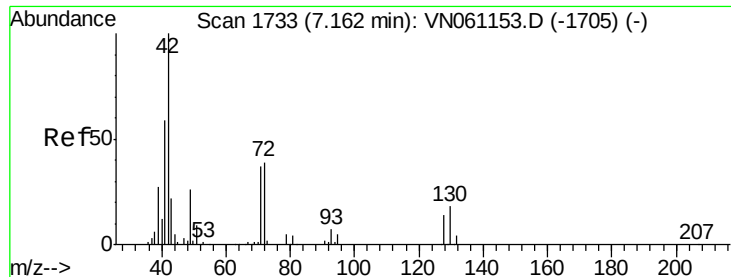
74 0.0 17.0 25.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#29

Tetrahydrofuran

Concen: 0.493 ug/l

RT: 7.17 min Scan# 1736

Delta R.T. 0.01 min

Lab File: VN061221.D

Acq: 1 May 2020 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN0501MBL01

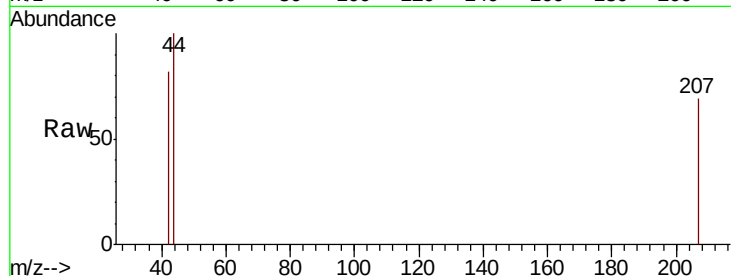
Tot Ion: 42 Resp: 380

Ion Ratio Lower Upper

42 100

72 0.0 31.4 47.0#

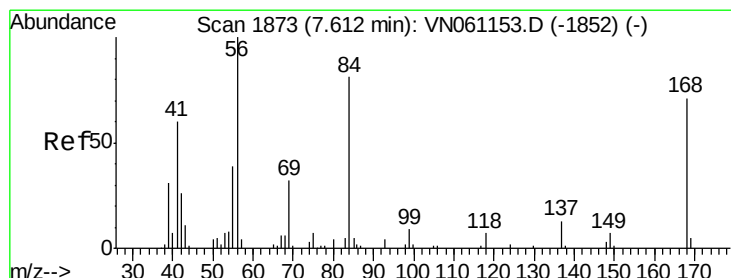
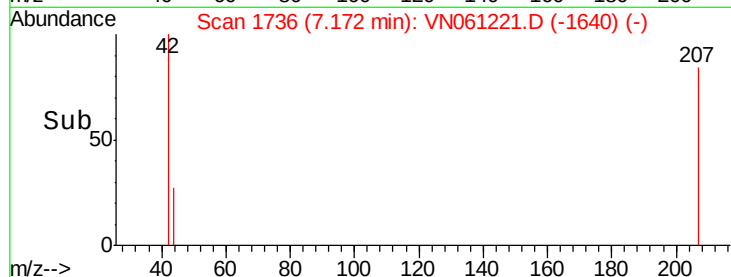
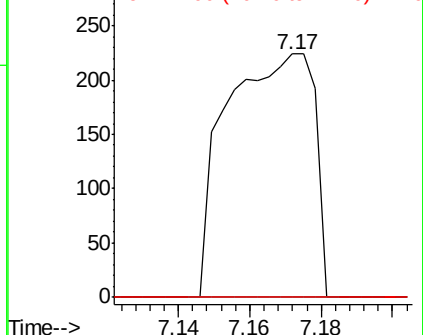
71 0.0 29.5 44.3#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 1.061 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. 0.01 min

Lab File: VN061221.D

Acq: 1 May 2020 11:23

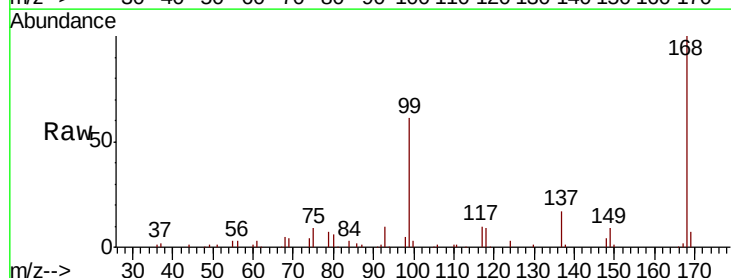
Tgt Ion: 56 Resp: 2982

Ion Ratio Lower Upper

56 100

69 174.2 25.7 38.5#

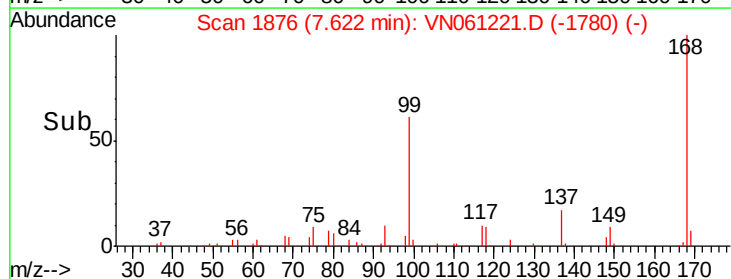
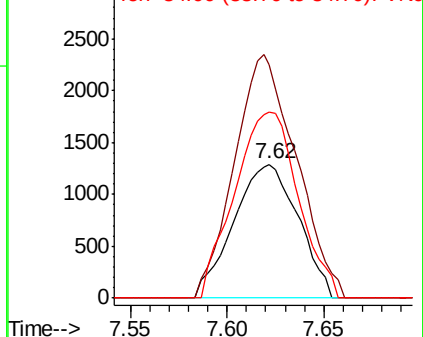
84 139.2 64.6 97.0#

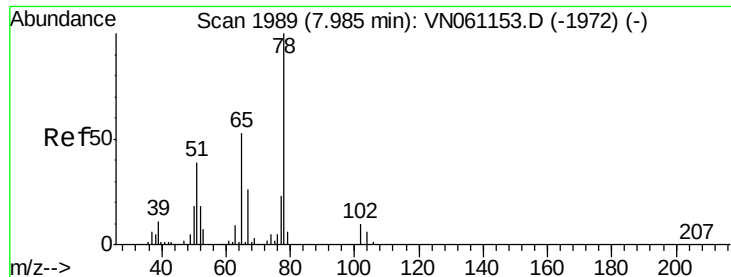


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

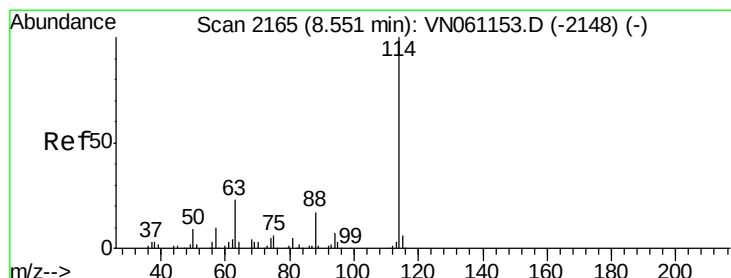
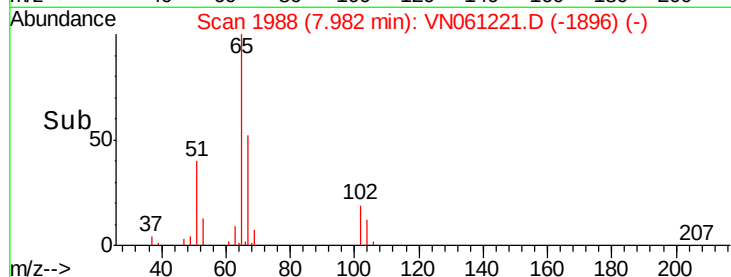
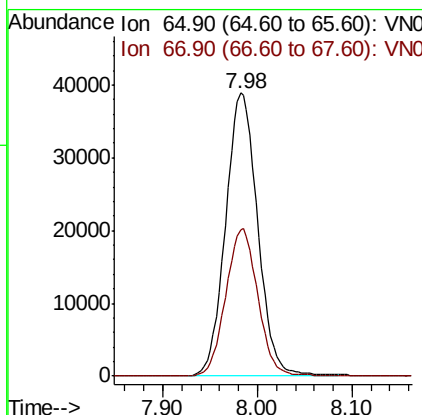
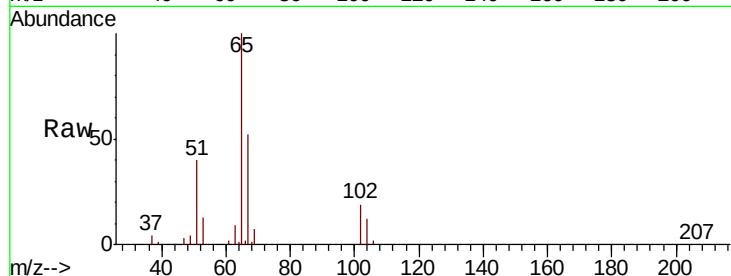




#33
 1,2-Dichloroethane-d4
 Concen: 47.457 ug/l
 RT: 7.98 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: VN061221.D
 Acq: 1 May 2020 11:23

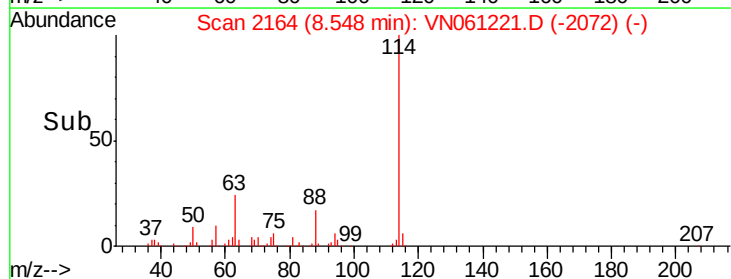
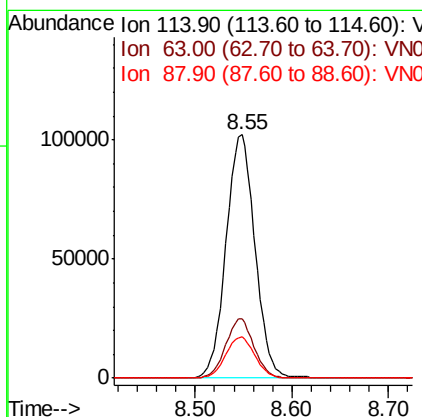
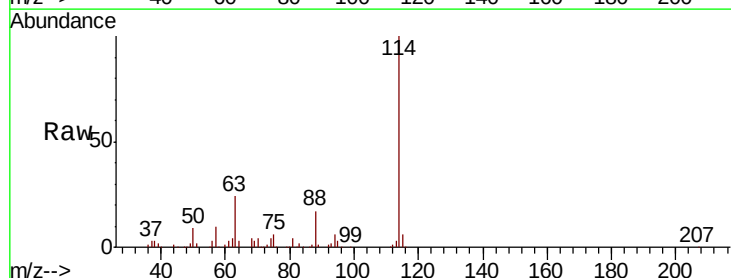
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0501MBL01

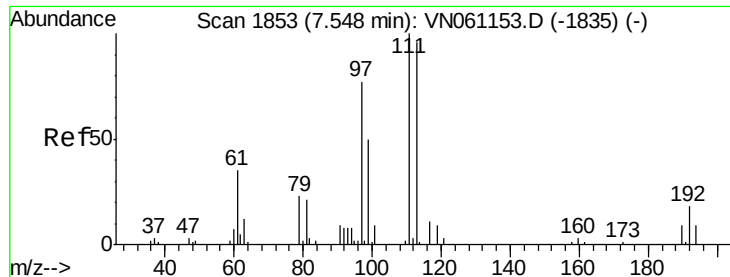
Tot Ion: 65 Resp: 91680
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061221.D
 Acq: 1 May 2020 11:23

Tgt Ion: 114 Resp: 212361
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 46.6
 88 16.8 0.0 33.4

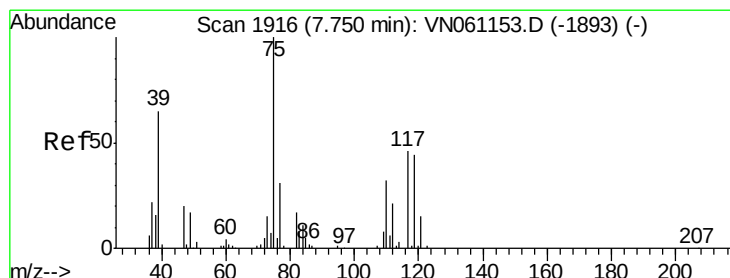
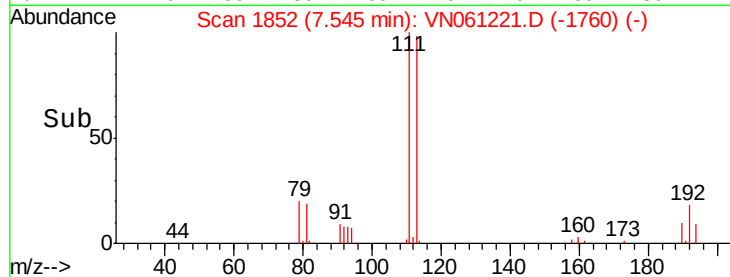
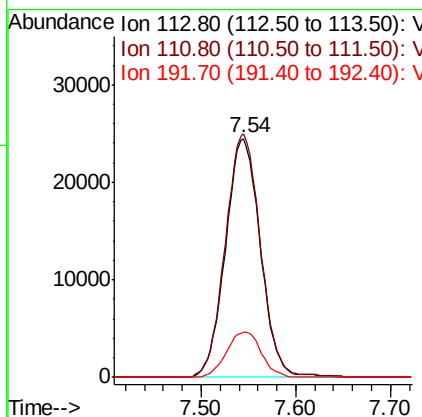
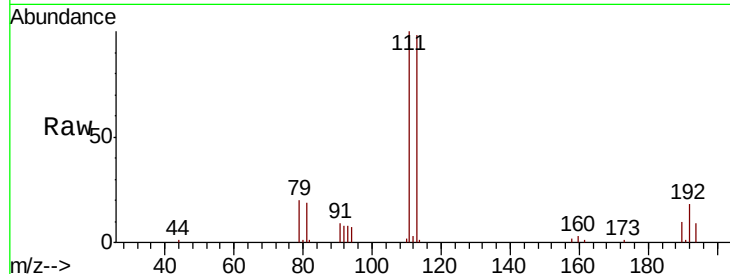




#35
 Dibromofluoromethane
 Concen: 49.842 ug/l
 RT: 7.54 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VN061221.D
 Acq: 1 May 2020 11:23

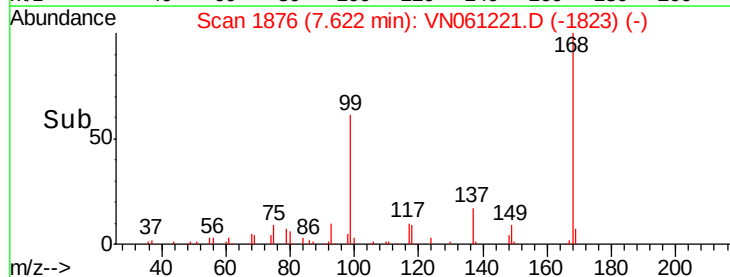
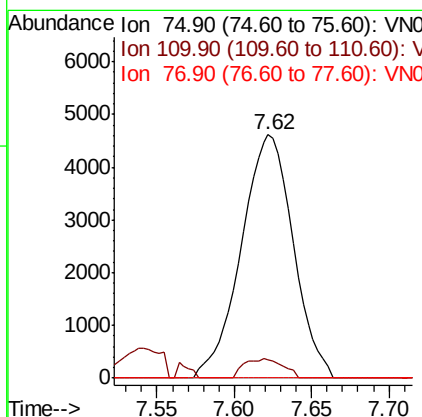
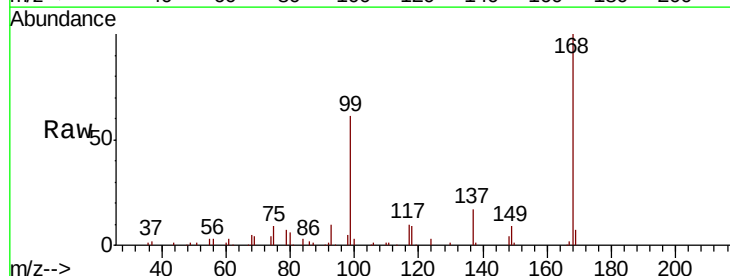
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0501MBL01

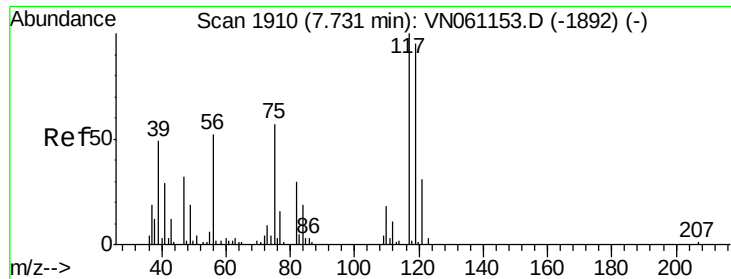
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.9	124.3
192	19.0	14.7	22.1



#36
 1,1-Dichloropropene
 Concen: 5.057 ug/l
 RT: 7.62 min Scan# 1876
 Delta R.T. -0.13 min
 Lab File: VN061221.D
 Acq: 1 May 2020 11:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	5.9	16.0	48.0#
77	0.0	24.6	37.0#





#38

Carbon Tetrachloride

Concen: 8.452 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. -0.11 min

Lab File: VN061221.D

Acq: 1 May 2020 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN0501MBL01

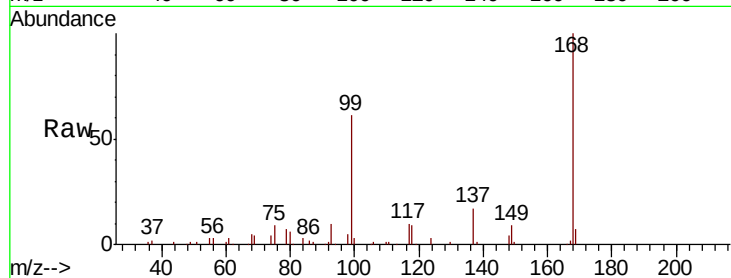
Tot Ion:117 Resp: 12532

Ion Ratio Lower Upper

117 100

119 4.9 75.8 113.6#

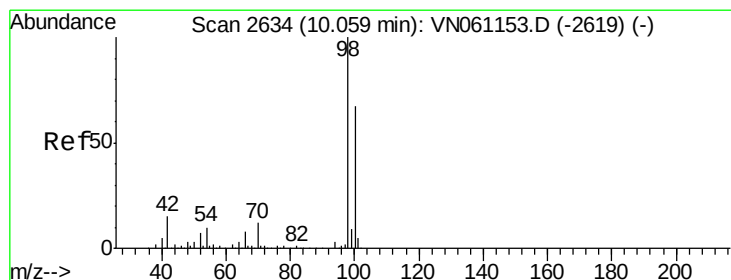
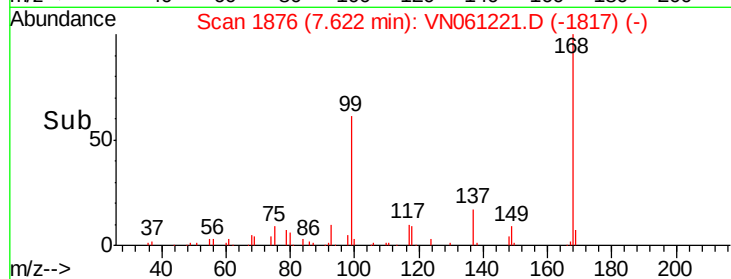
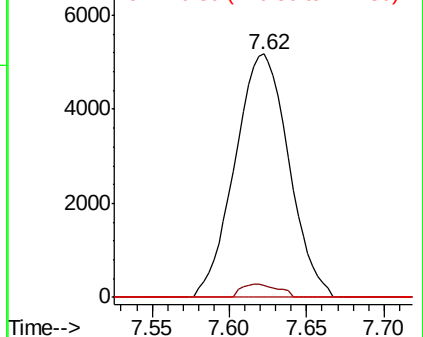
121 0.0 24.7 37.1#



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: 51.407 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061221.D

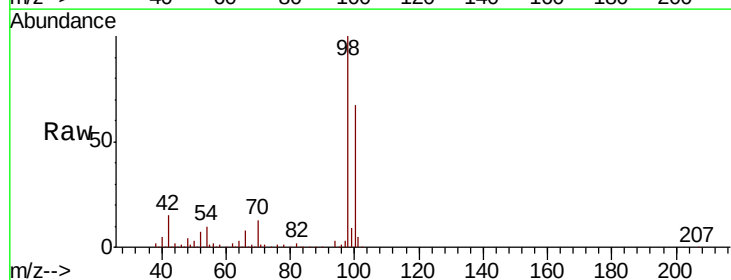
Acq: 1 May 2020 11:23

Tgt Ion: 98 Resp: 263157

Ion Ratio Lower Upper

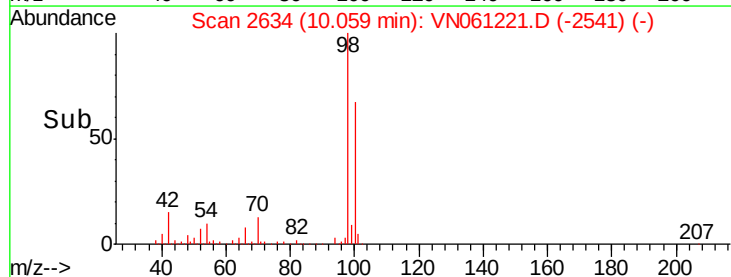
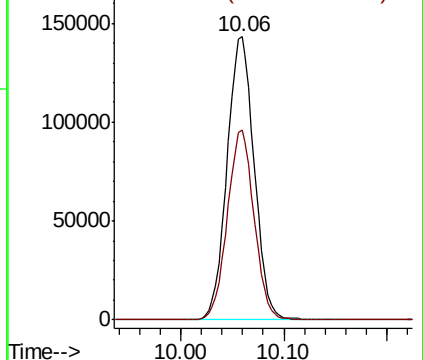
98 100

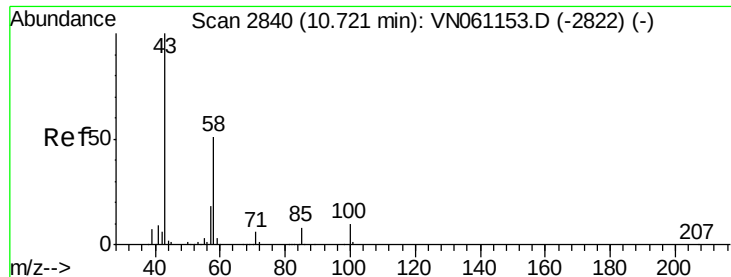
100 66.1 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

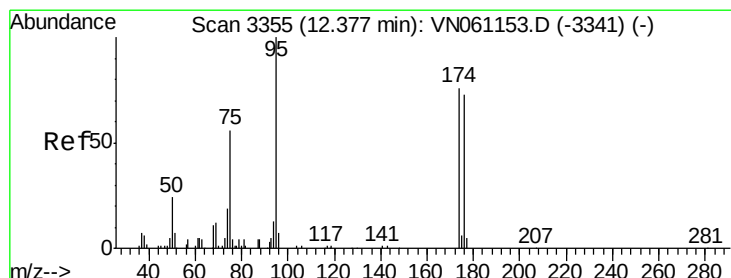
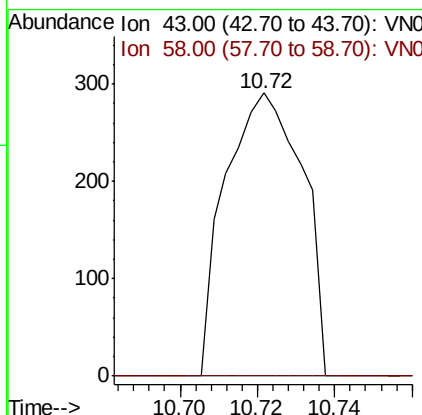
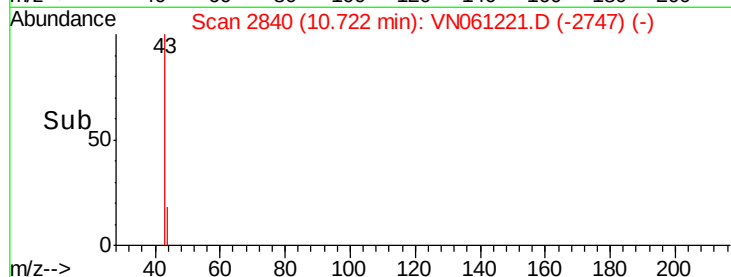
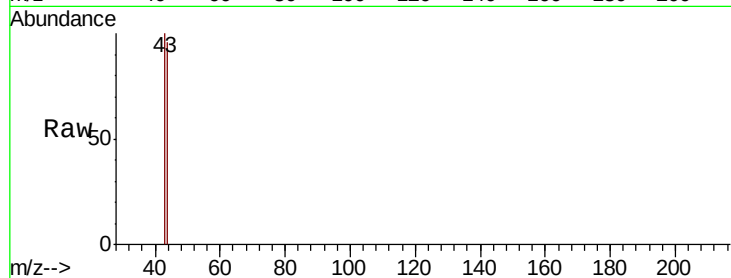




#59
2-Hexanone
Concen: 0.228 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061221.D
Acq: 1 May 2020 11:23

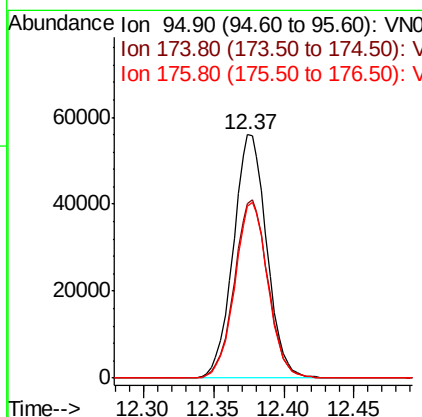
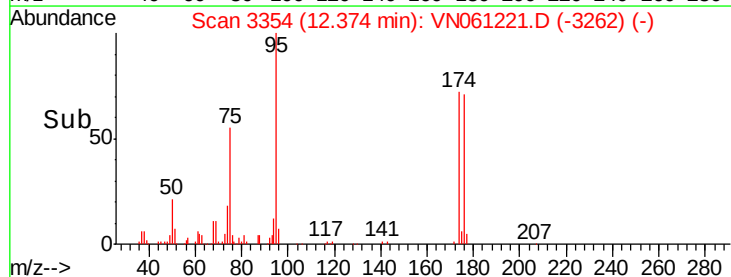
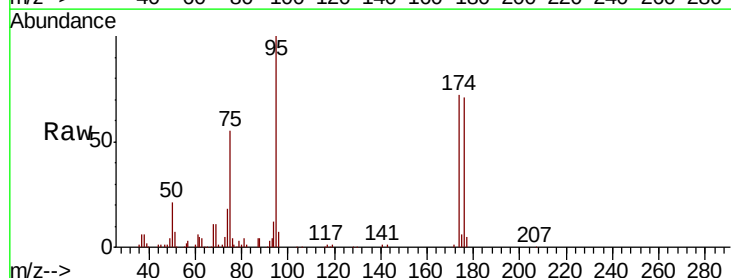
Instrument :
MSVOA_N
ClientSampleId :
VN0501MBL01

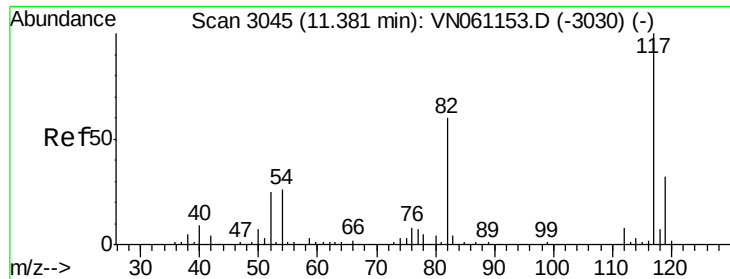
Tot Ion: 43 Resp: 403
Ion Ratio Lower Upper
43 100
58 0.0 25.4 76.4#



#62
4-Bromofluorobenzene
Concen: 48.288 ug/l
RT: 12.37 min Scan# 3354
Delta R.T. -0.00 min
Lab File: VN061221.D
Acq: 1 May 2020 11:23

Tgt Ion: 95 Resp: 93022
Ion Ratio Lower Upper
95 100
174 73.3 0.0 149.4
176 71.0 0.0 144.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3044

Delta R.T. -0.00 min

Lab File: VN061221.D

Acq: 1 May 2020 11:23

Instrument :

MSVOA_N

ClientSampled :

VN0501MBL01

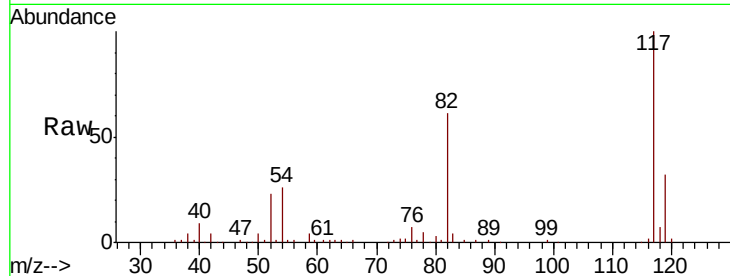
Tot Ion:117 Resp: 195399

Ion Ratio Lower Upper

117 100

82 61.0 47.8 71.8

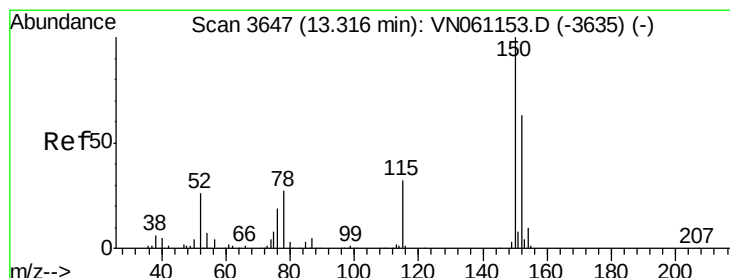
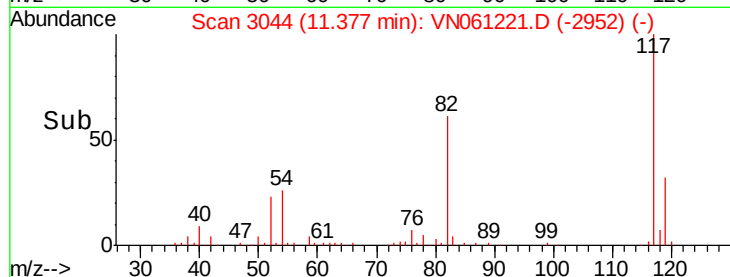
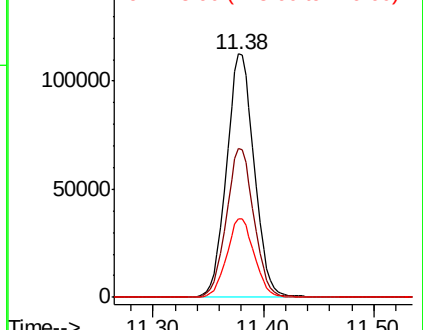
119 32.5 25.8 38.6



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: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061221.D

Acq: 1 May 2020 11:23

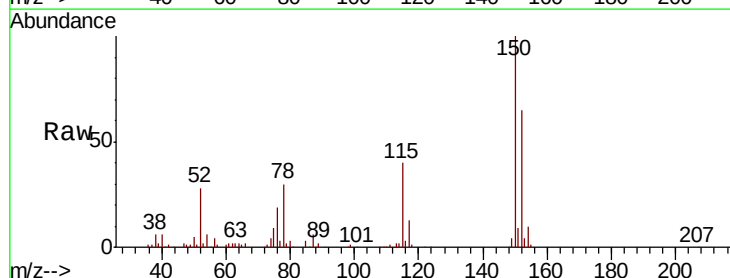
Tgt Ion:152 Resp: 81505

Ion Ratio Lower Upper

152 100

115 62.2 31.0 93.0

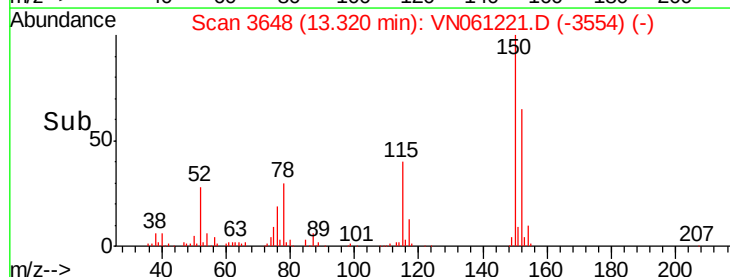
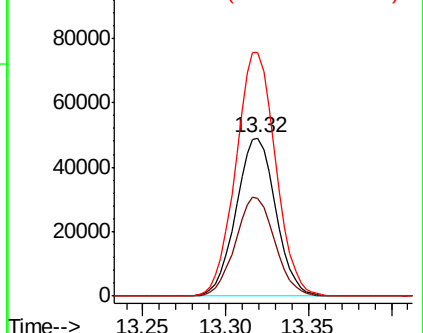
150 154.7 0.0 351.8

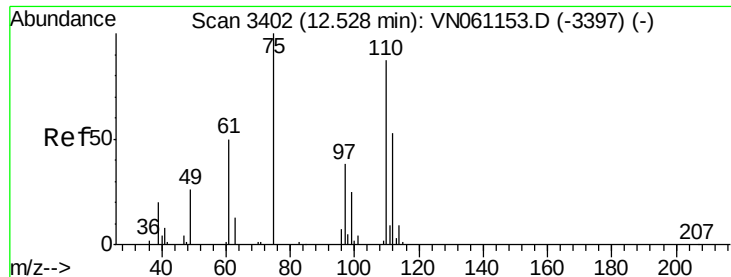


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

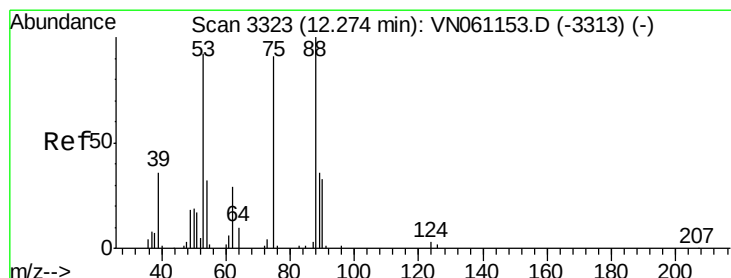
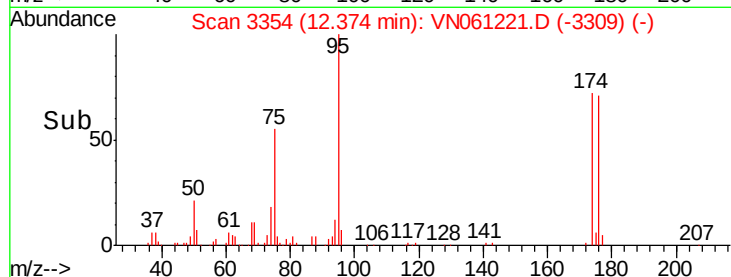
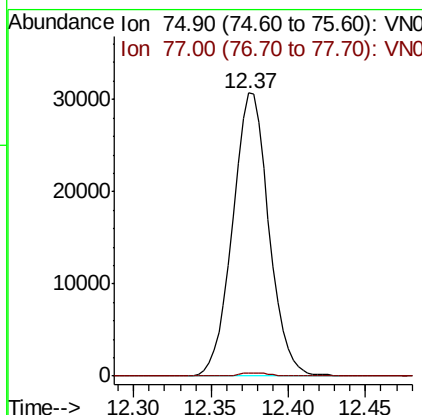
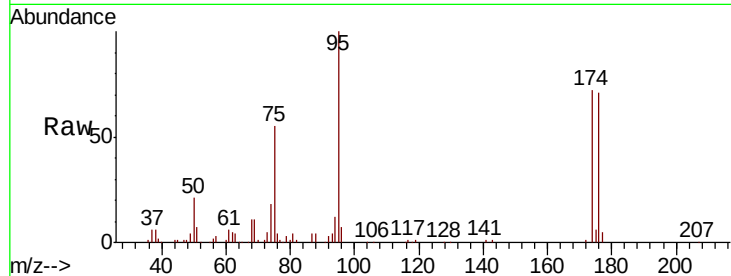




#76
 1,2,3-Trichloropropane
 Concen: 29.016 ug/l
 RT: 12.37 min Scan# 3354
 Delta R.T. -0.15 min
 Lab File: VN061221.D
 Acq: 1 May 2020 11:23

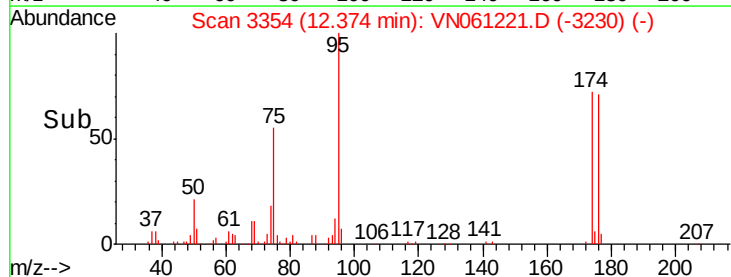
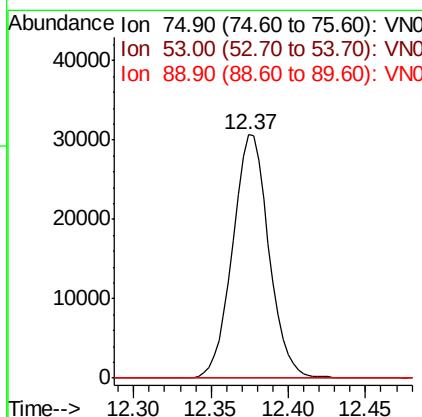
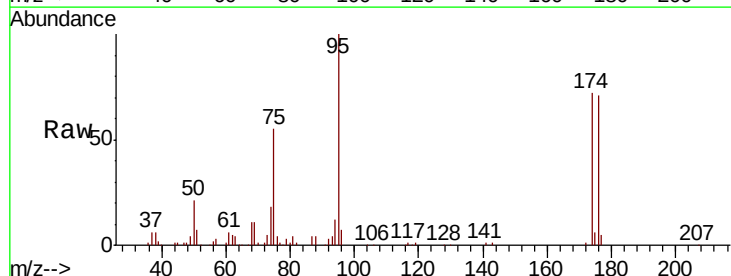
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0501MBL01

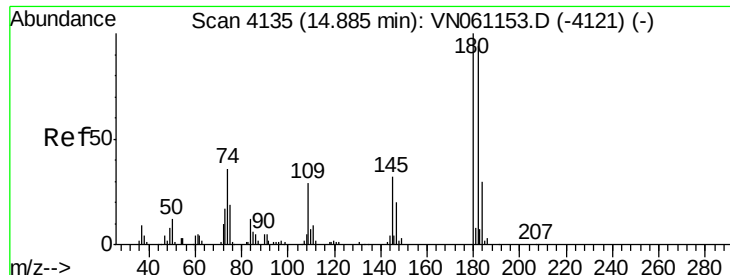
Tot Ion: 75 Resp: 49859
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.685 ug/l
 RT: 12.37 min Scan# 3354
 Delta R.T. 0.10 min
 Lab File: VN061221.D
 Acq: 1 May 2020 11:23

Tgt Ion: 75 Resp: 49859
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.1 126.1#
 89 0.0 35.2 52.8#

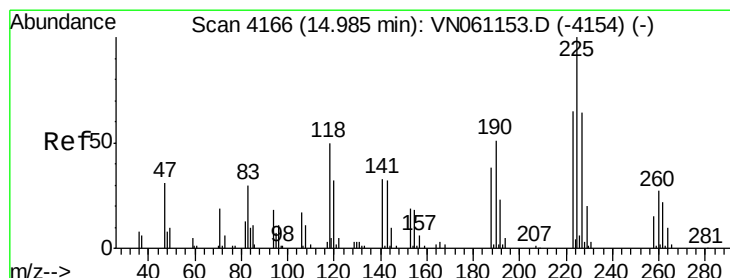
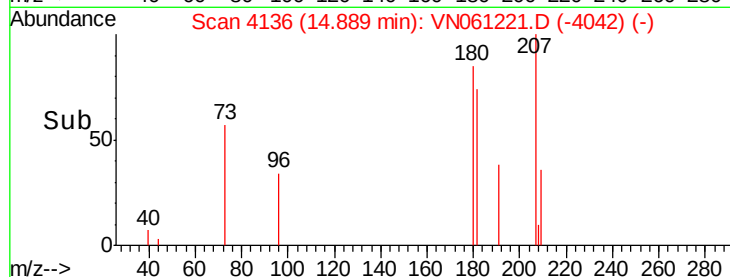
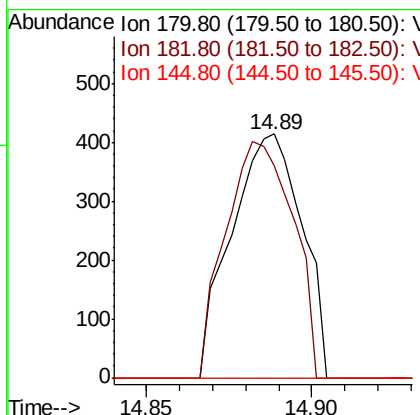
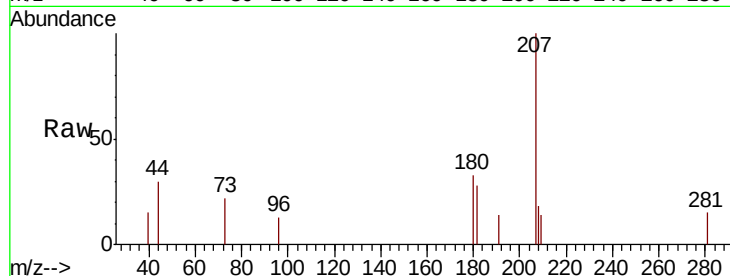




#93
 1,2,4-Trichlorobenzene
 Concen: 0.412 ug/l
 RT: 14.89 min Scan# 4136
 Delta R.T. 0.00 min
 Lab File: VN061221.D
 Acq: 1 May 2020 11:23

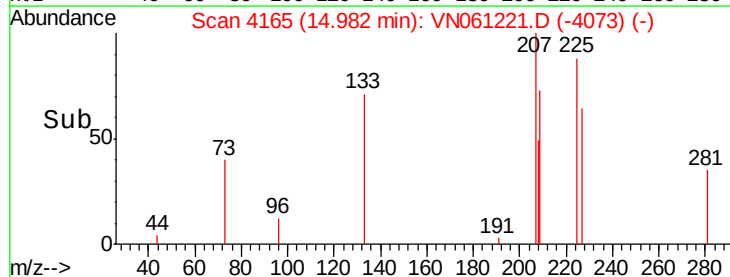
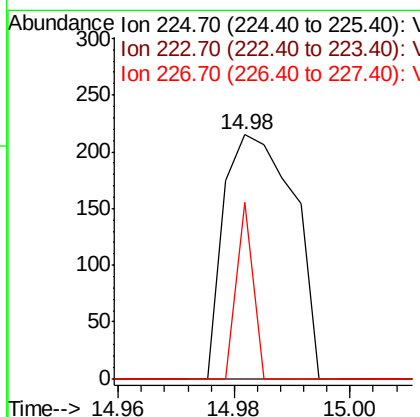
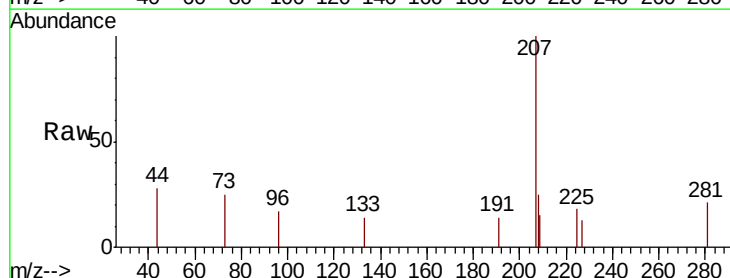
Instrument :
 MSVOA_N
 ClientSampled :
 VN0501MBL01

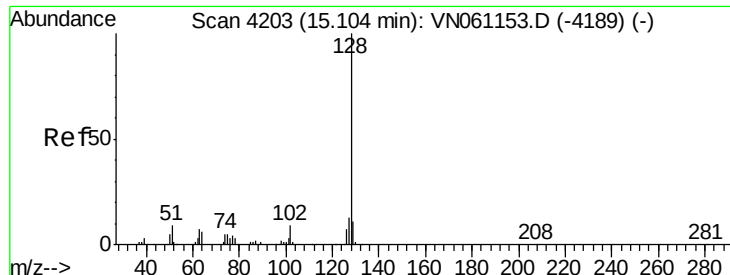
Tot Ion:180 Resp: 613
 Ion Ratio Lower Upper
 180 100
 182 92.8 47.3 141.9
 145 0.0 16.0 47.9#



#94
 Hexachlorobutadiene
 Concen: 0.288 ug/l
 RT: 14.98 min Scan# 4165
 Delta R.T. -0.00 min
 Lab File: VN061221.D
 Acq: 1 May 2020 11:23

Tgt Ion:225 Resp: 179
 Ion Ratio Lower Upper
 225 100
 223 0.0 32.4 97.0#
 227 16.8 32.4 97.0#





#95

Naphthalene

Concen: 0.571 ug/l

RT: 15.11 min Scan# 4204

Delta R.T. 0.00 min

Lab File: VN061221.D

Acq: 1 May 2020 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN0501MBL01

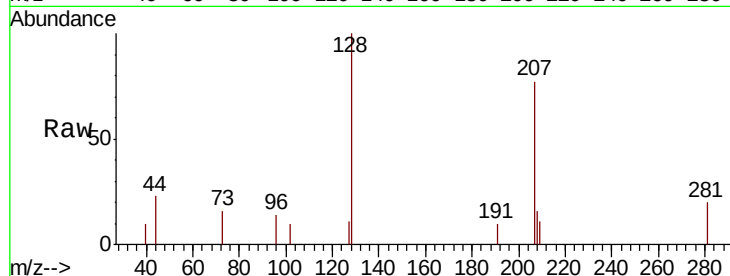
Tot Ion:128 Resp: 2766

Ion Ratio Lower Upper

128 100

127 7.7 10.4 15.6#

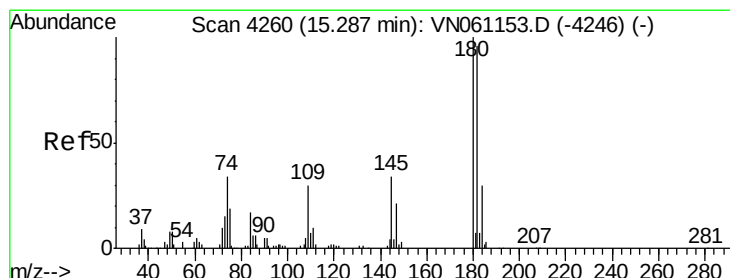
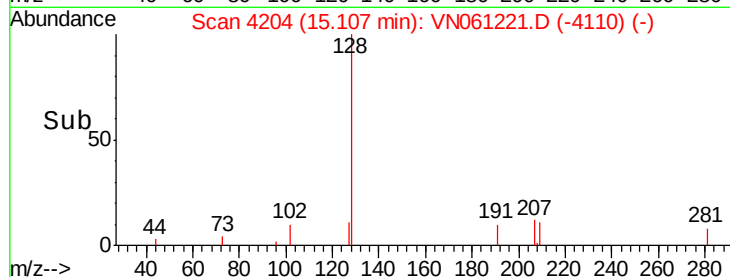
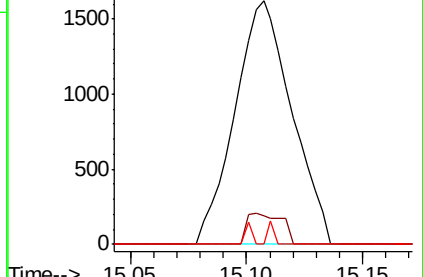
129 1.0 8.7 13.1#



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: 0.476 ug/l

RT: 15.28 min Scan# 4259

Delta R.T. -0.00 min

Lab File: VN061221.D

Acq: 1 May 2020 11:23

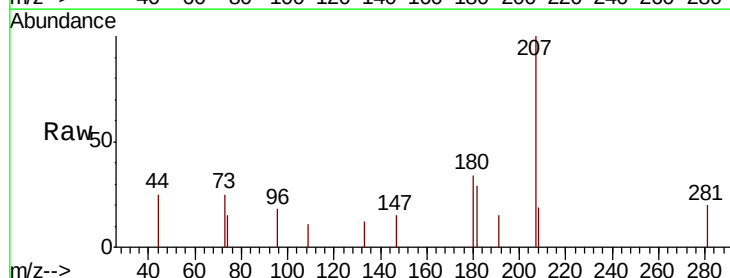
Tgt Ion:180 Resp: 698

Ion Ratio Lower Upper

180 100

182 99.0 47.5 142.5

145 13.3 16.9 50.7#



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

