

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102220\
 Data File : VN064257.D
 Acq On : 22 Oct 2020 18:07
 Operator : JC/MD
 Sample : VN1022WBL03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBL03

Quant Time: Oct 23 01:59:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	231694	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	410106	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	409072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	184086	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	182413	53.01	ug/l	0.00
Spiked Amount			Recovery	=	106.02%	
35) Dibromofluoromethane	7.55	113	137580	50.46	ug/l	0.00
Spiked Amount			Recovery	=	100.92%	
50) Toluene-d8	10.06	98	514937	52.06	ug/l	0.00
Spiked Amount			Recovery	=	104.12%	
62) 4-Bromofluorobenzene	12.38	95	220373	54.96	ug/l	0.00
Spiked Amount			Recovery	=	109.92%	

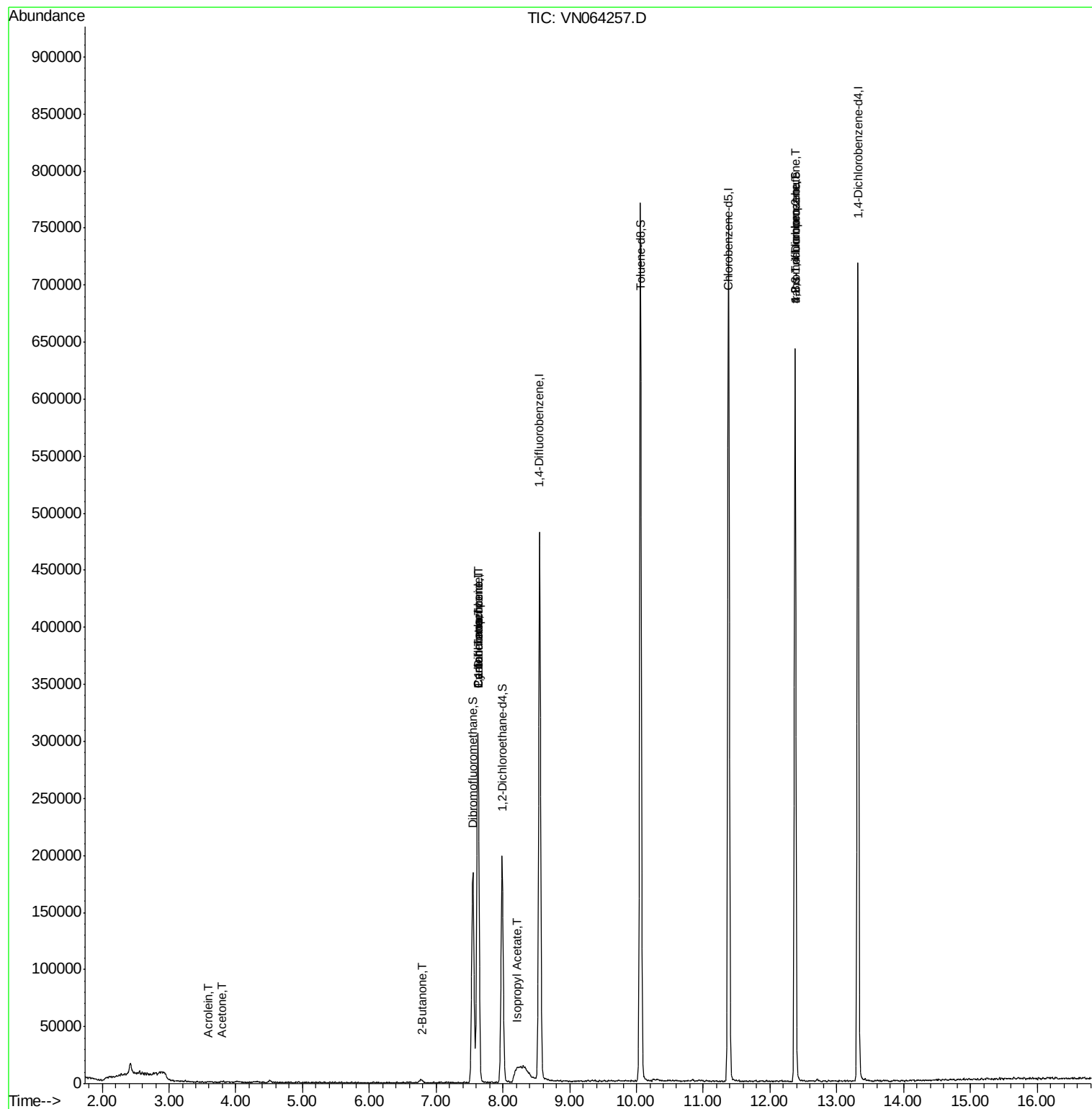
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.58	56	89	0.308	ug/l #	44
16) Acetone	3.79	43	506	0.514	ug/l #	49
25) 2-Butanone	6.79	43	395	0.253	ug/l #	51
31) Cyclohexane	7.62	56	3626	0.889	ug/l #	8
36) 1,1-Dichloropropene	7.63	75	19984	4.888	ug/l #	47
38) Carbon Tetrachloride	7.62	117	26442	5.684	ug/l #	15
43) Isopropyl Acetate	8.22	43	17108	2.473	ug/l #	57
76) 1,2,3-Trichloropropane	12.38	75	124404	32.056	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	124404	80.932	ug/l #	9

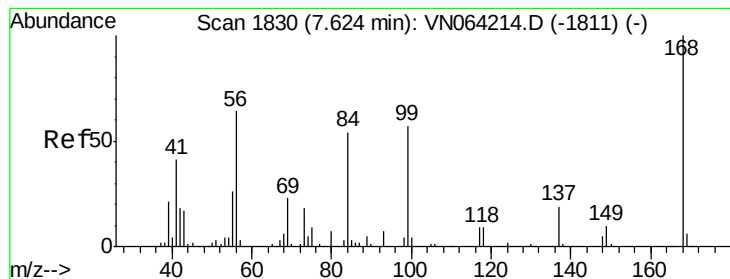
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 21 12:48:40 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064257.D

Acq: 22 Oct 2020 18:07

Instrument :

MSVOA_N

ClientSampleId :

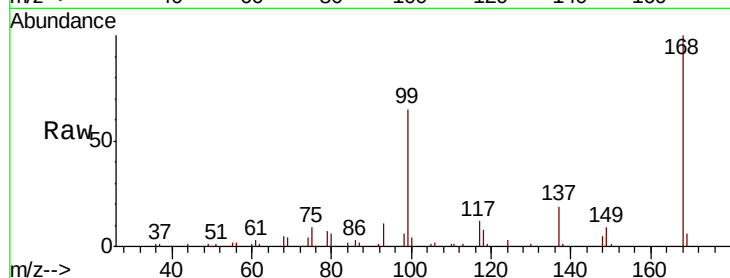
VN1022WBL03

Tot Ion:168 Resp: 231694

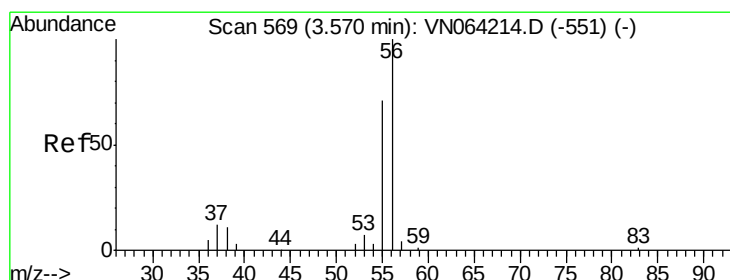
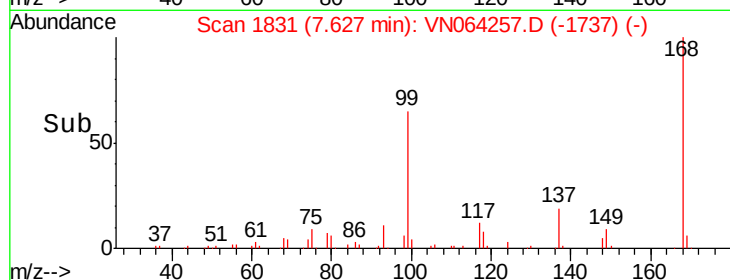
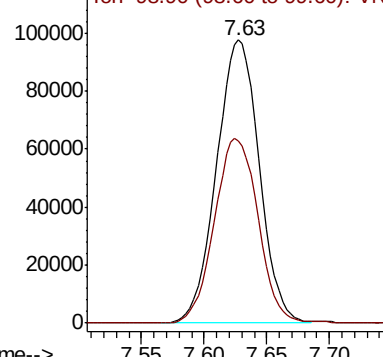
Ion Ratio Lower Upper

168 100

99 64.4 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): VN064214.D (-1811) (-)



#13

Acrolein

Concen: 0.308 ug/l

RT: 3.58 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN064257.D

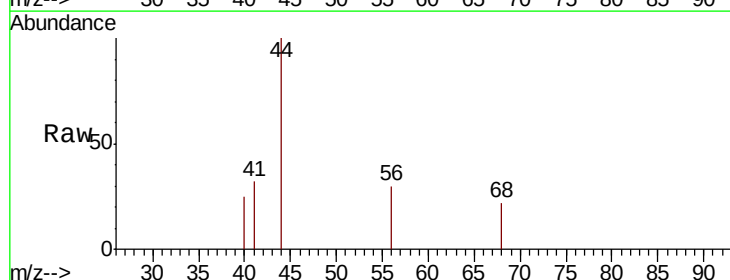
Acq: 22 Oct 2020 18:07

Tgt Ion: 56 Resp: 89

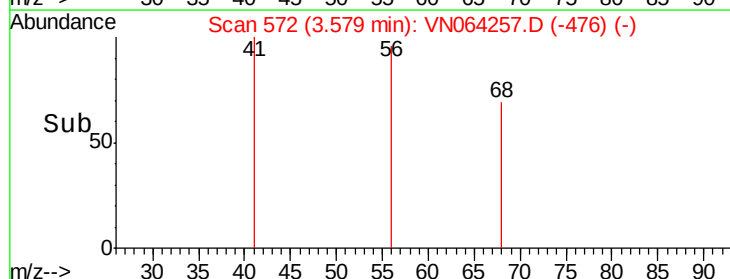
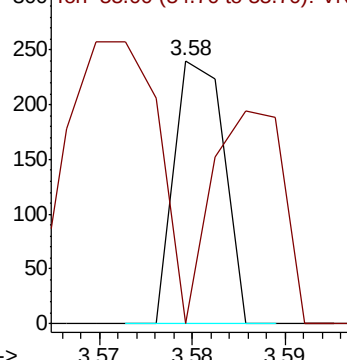
Ion Ratio Lower Upper

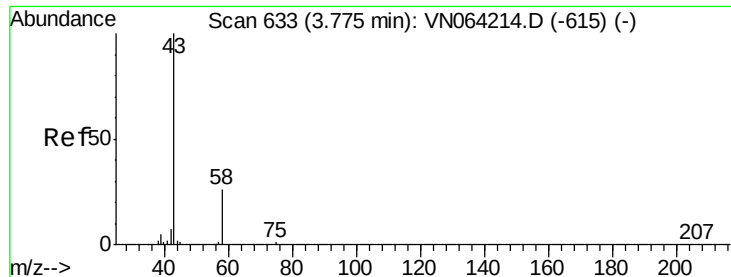
56 100

55 115.7 56.1 84.1#



Abundance Ion 56.00 (55.70 to 56.70): VN064214.D (-551) (-)





#16

Acetone

Concen: 0.514 ug/l

RT: 3.79 min Scan# 638

Delta R.T. 0.02 min

Lab File: VN064257.D

Acq: 22 Oct 2020 18:07

Instrument :

MSVOA_N

ClientSampleId :

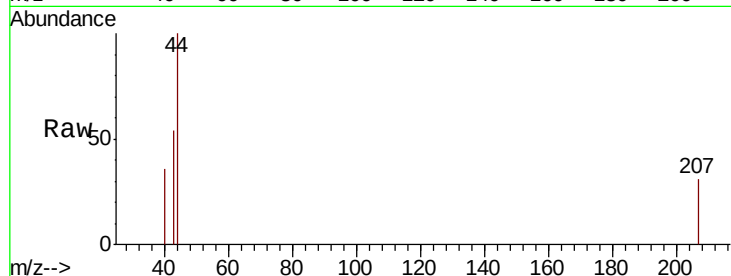
VN1022WBL03

Tot Ion: 43 Resp: 506

Ion Ratio Lower Upper

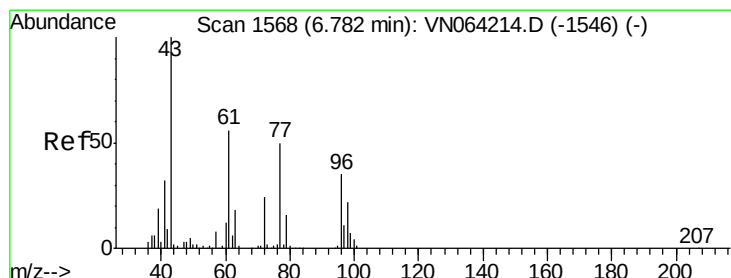
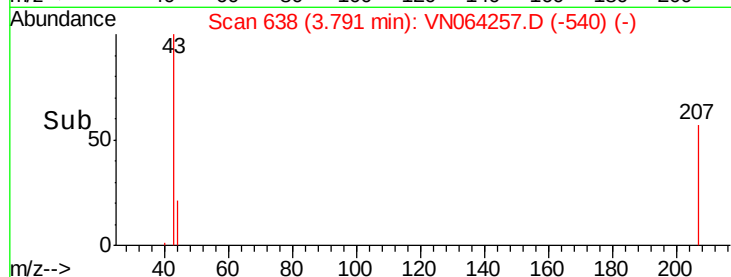
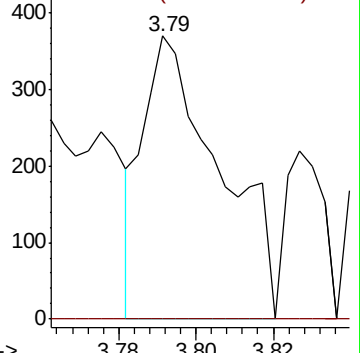
43 100

58 0.0 21.0 31.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#25

2-Butanone

Concen: 0.253 ug/l

RT: 6.79 min Scan# 1572

Delta R.T. 0.01 min

Lab File: VN064257.D

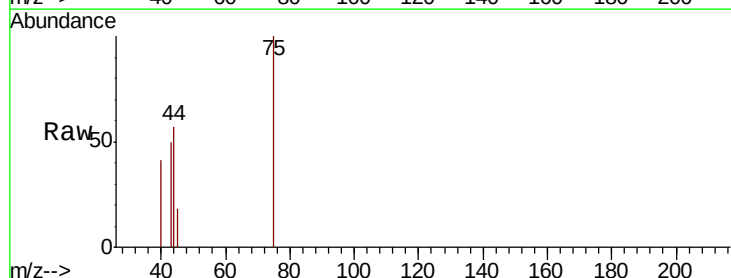
Acq: 22 Oct 2020 18:07

Tgt Ion: 43 Resp: 395

Ion Ratio Lower Upper

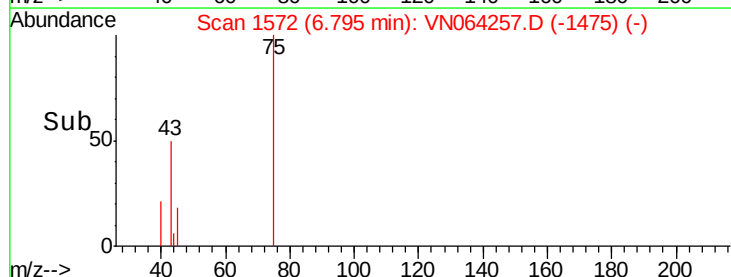
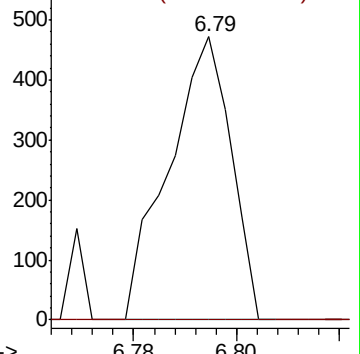
43 100

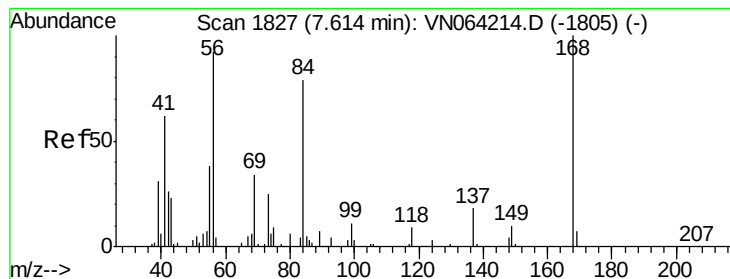
72 0.0 19.4 29.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#31

Cyclohexane

Concen: 0.889 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. 0.01 min

Lab File: VN064257.D

Acq: 22 Oct 2020 18:07

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBL03

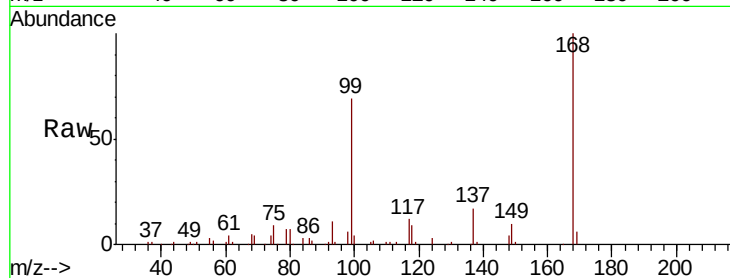
Tot Ion: 56 Resp: 3626

Ion Ratio Lower Upper

56 100

69 169.0 29.8 44.6#

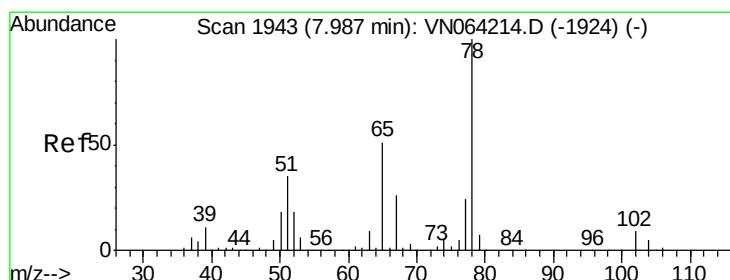
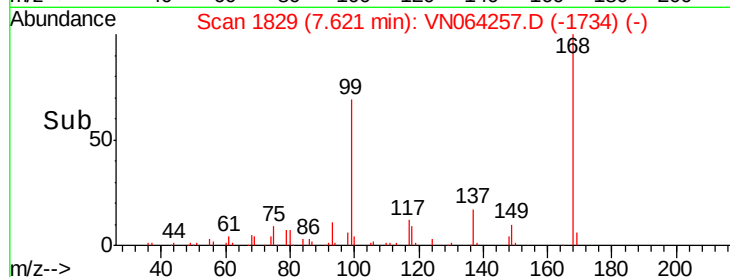
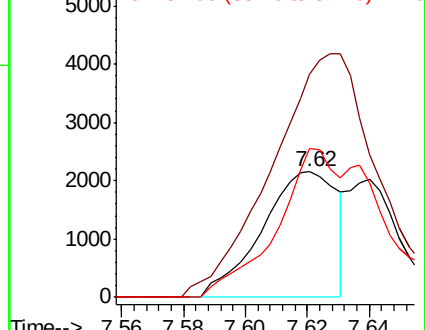
84 118.4 68.1 102.1#



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: 53.015 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064257.D

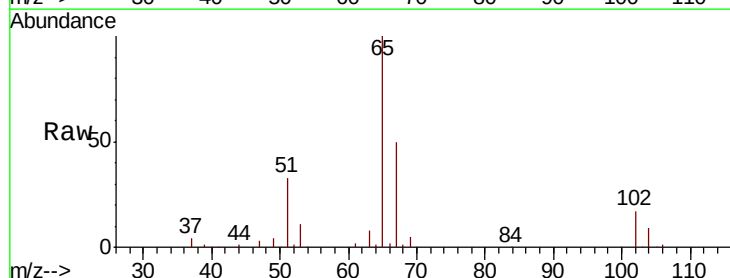
Acq: 22 Oct 2020 18:07

Tgt Ion: 65 Resp: 182413

Ion Ratio Lower Upper

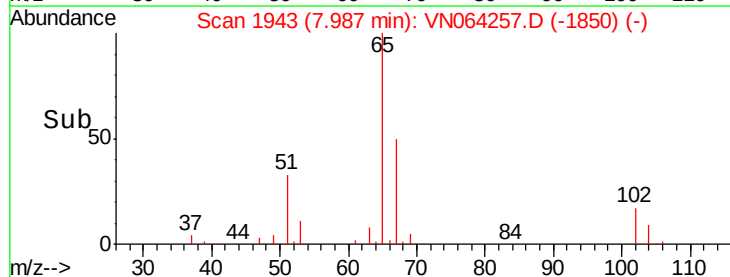
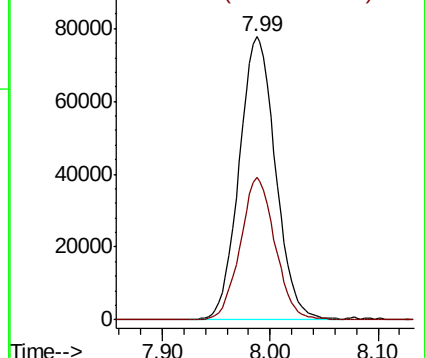
65 100

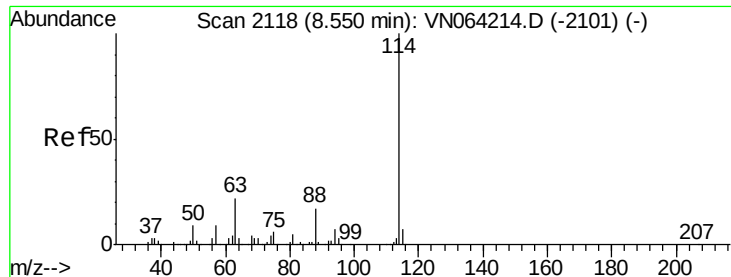
67 48.2 0.0 100.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

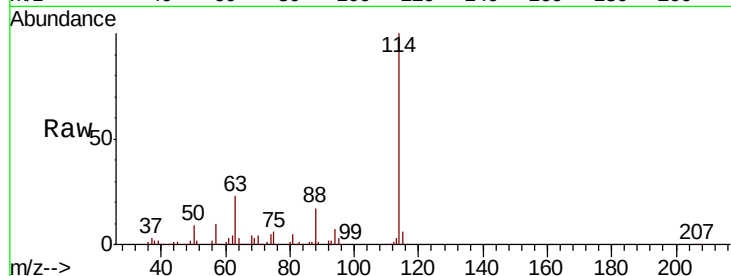




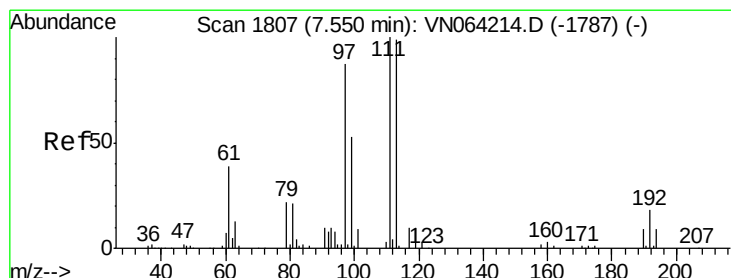
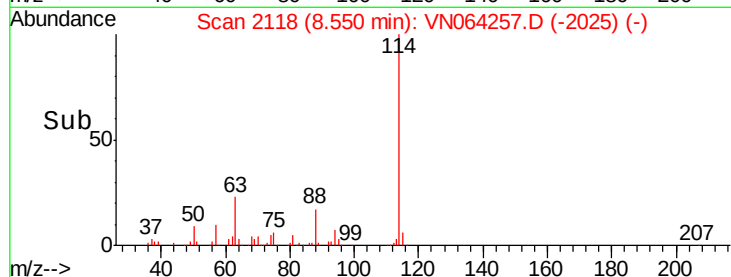
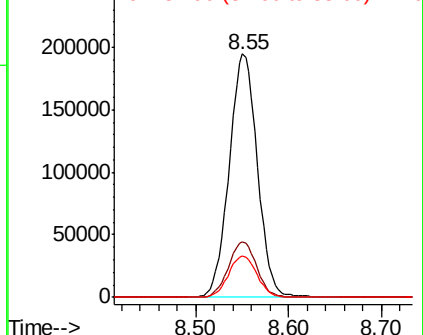
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064257.D
Acq: 22 Oct 2020 18:07

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBL03

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	44.0
88	16.8	0.0	34.2

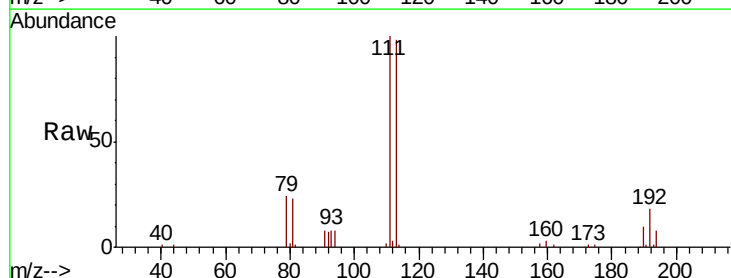


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

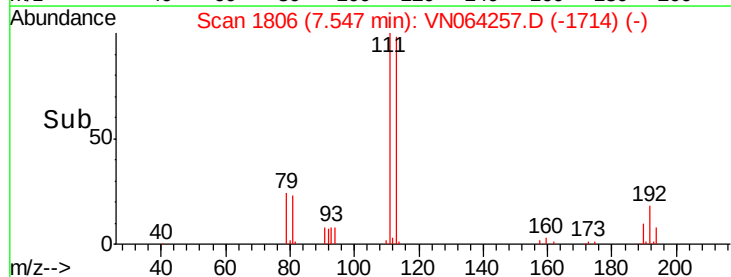
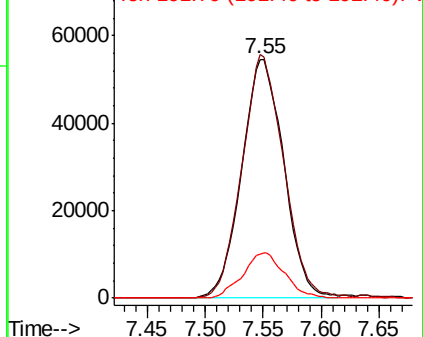


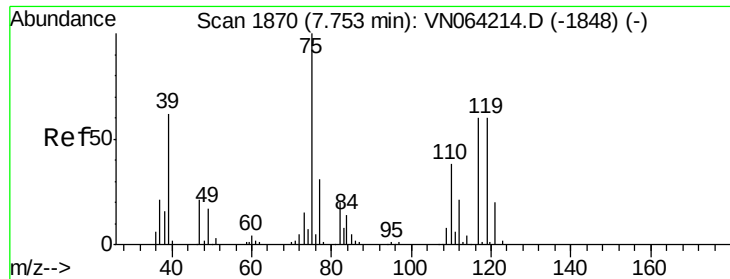
#35
Dibromofluoromethane
Concen: 50.459 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN064257.D
Acq: 22 Oct 2020 18:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	84.2	126.2
192	18.9	15.2	22.8



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

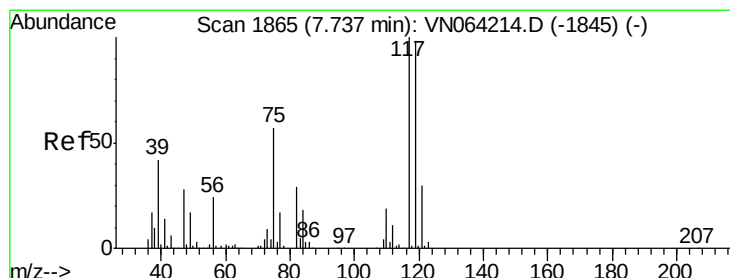
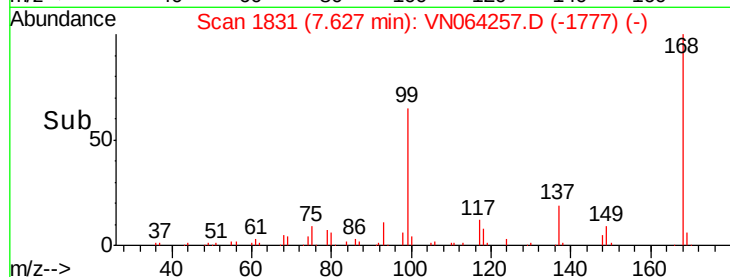
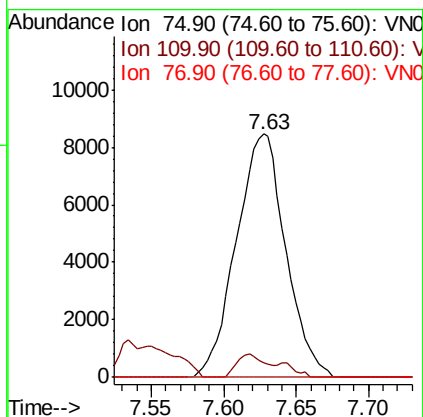
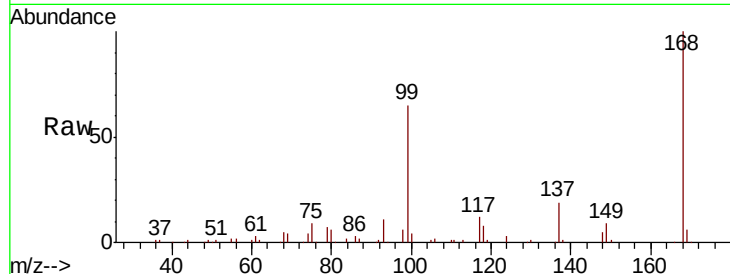




#36
 1,1-Dichloropropene
 Concen: 4.888 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN064257.D
 Acq: 22 Oct 2020 18:07

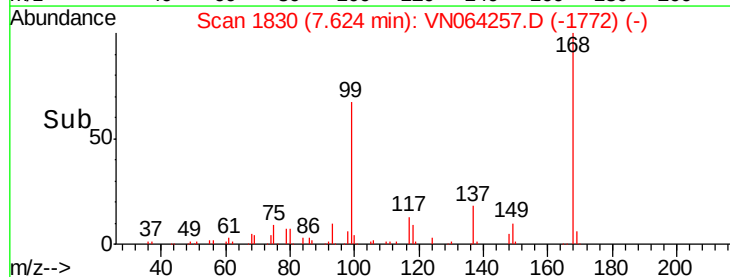
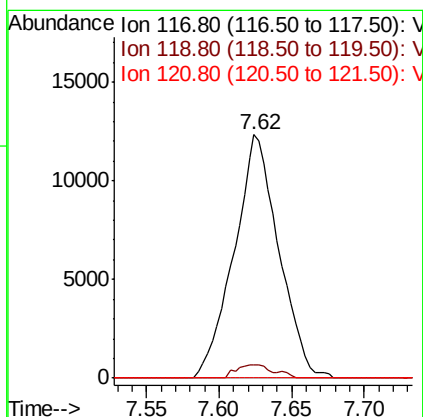
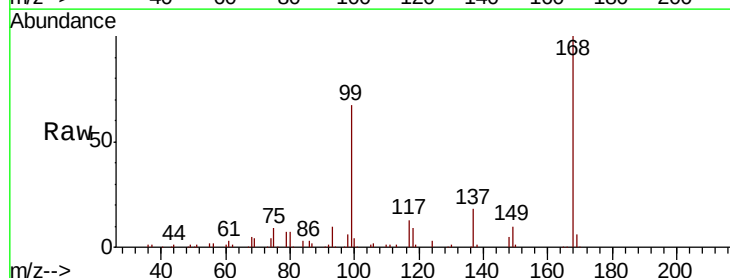
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBL03

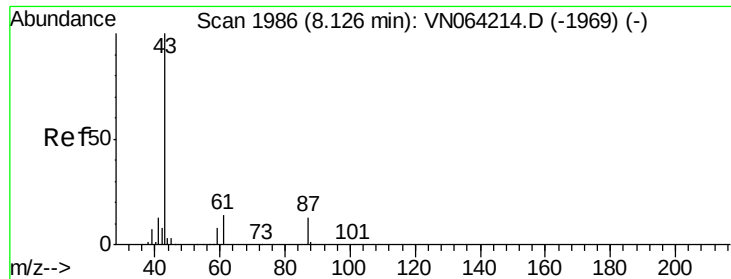
Tot Ion	75	Resp	19984
Ion Ratio	Lower	Upper	
75	100		
110	5.5	17.2	51.6#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 5.684 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.11 min
 Lab File: VN064257.D
 Acq: 22 Oct 2020 18:07

Tgt Ion	117	Resp	26442
Ion Ratio	Lower	Upper	
117	100		
119	5.7	78.5	117.7#
121	0.0	24.3	36.5#





#43

Isopropyl Acetate

Concen: 2.473 ug/l

RT: 8.22 min Scan# 2014

Delta R.T. 0.09 min

Lab File: VN064257.D

Acq: 22 Oct 2020 18:07

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBL03

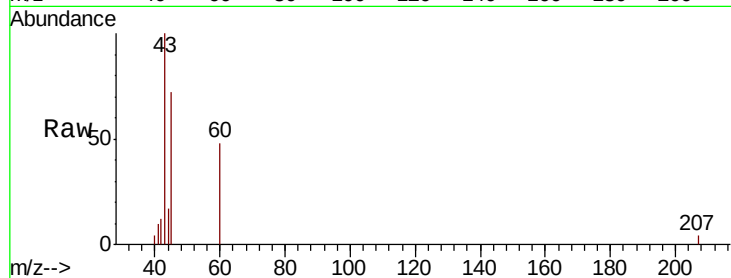
Tot Ion: 43 Resp: 17108

Ion Ratio Lower Upper

43 100

61 0.0 19.6 29.4#

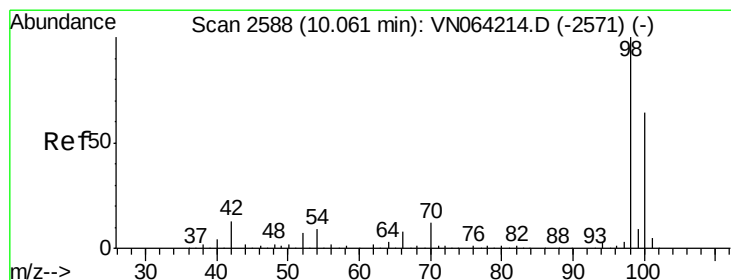
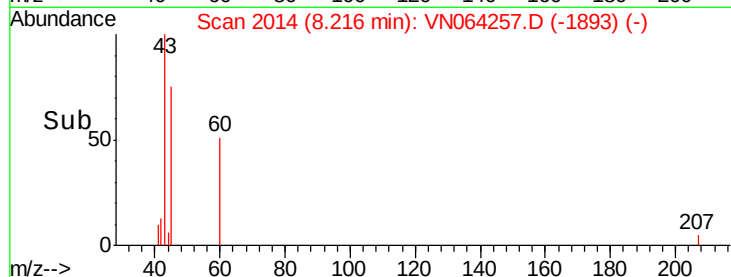
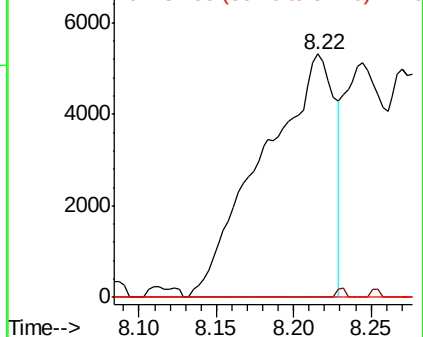
87 0.0 9.8 14.6#



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: 52.063 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064257.D

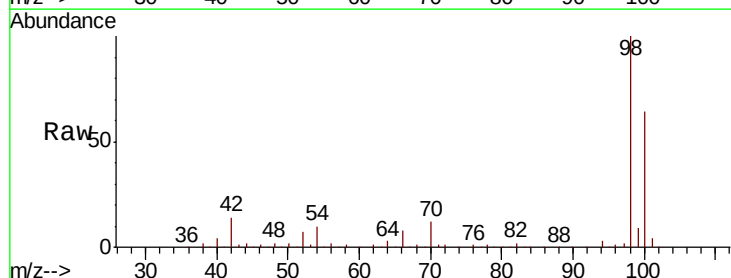
Acq: 22 Oct 2020 18:07

Tgt Ion: 98 Resp: 514937

Ion Ratio Lower Upper

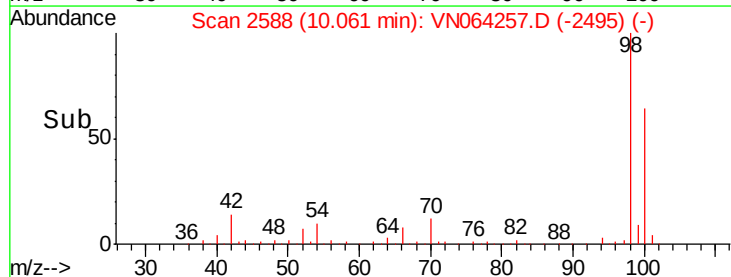
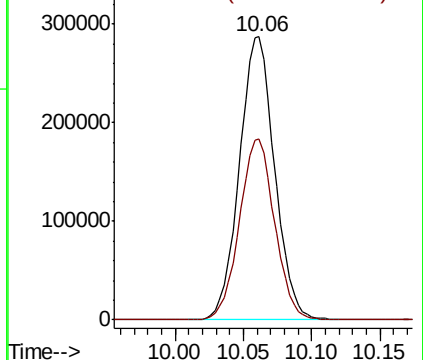
98 100

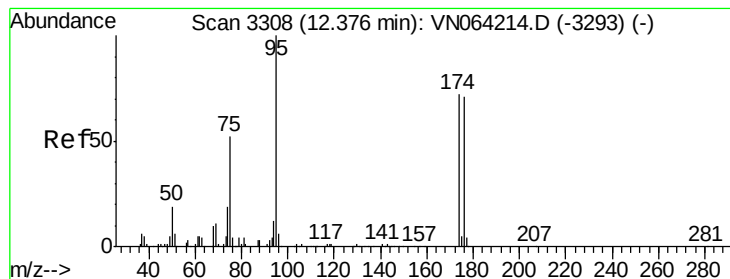
100 64.2 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 54.961 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064257.D

Acq: 22 Oct 2020 18:07

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBL03

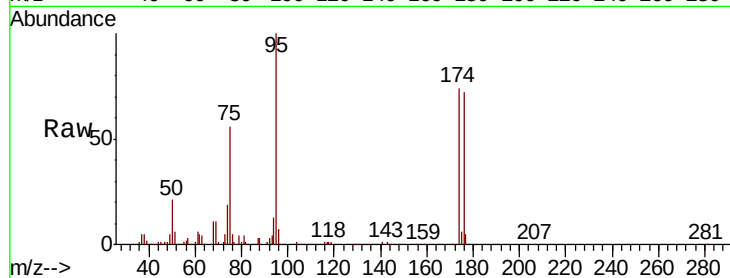
Tot Ion: 95 Resp: 220373

Ion Ratio Lower Upper

95 100

174 73.8 0.0 144.4

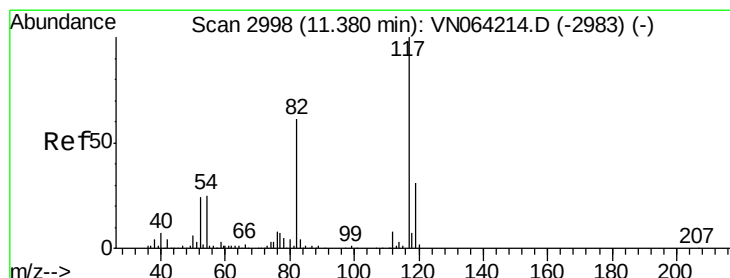
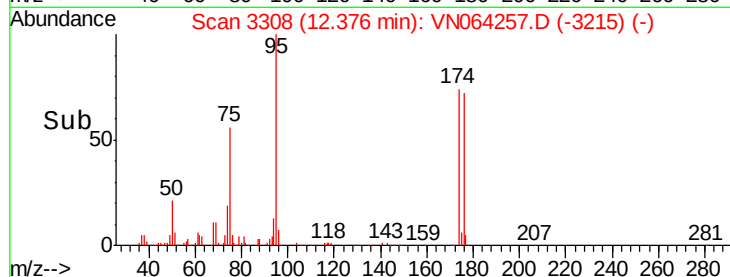
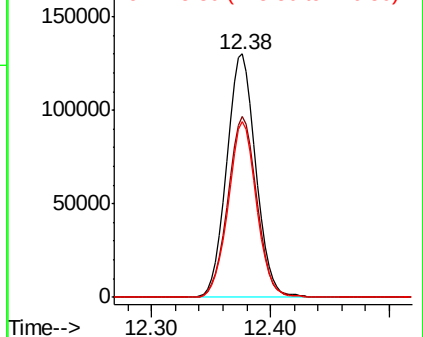
176 70.1 0.0 139.2



Abundance Ion 94.90 (94.60 to 95.60): VN064257.D (-3215) (-)

Ion 173.80 (173.50 to 174.50): VN064257.D (-3215) (-)

Ion 175.80 (175.50 to 176.50): VN064257.D (-3215) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064257.D

Acq: 22 Oct 2020 18:07

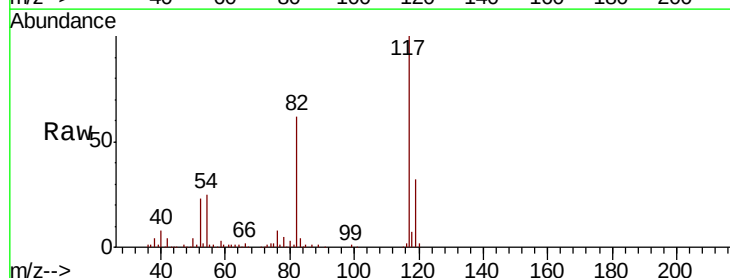
Tgt Ion: 117 Resp: 409072

Ion Ratio Lower Upper

117 100

82 62.1 48.8 73.2

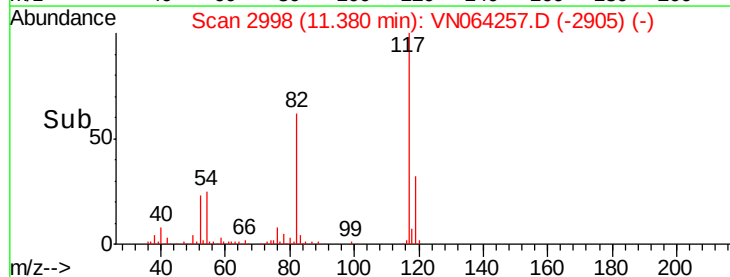
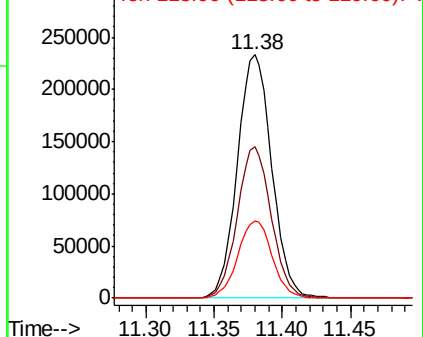
119 31.7 24.7 37.1

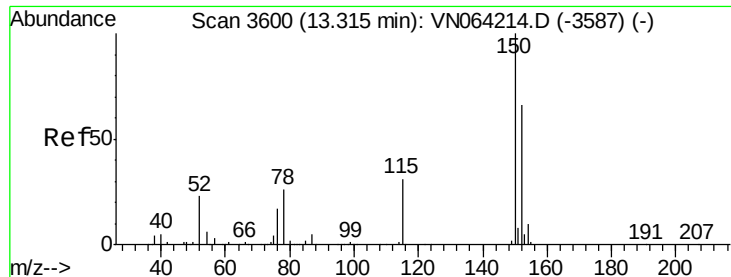


Abundance Ion 116.90 (116.60 to 117.60): VN064257.D (-2905) (-)

Ion 82.00 (81.70 to 82.70): VN064257.D (-2905) (-)

Ion 118.90 (118.60 to 119.60): VN064257.D (-2905) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064257.D

Acq: 22 Oct 2020 18:07

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBL03

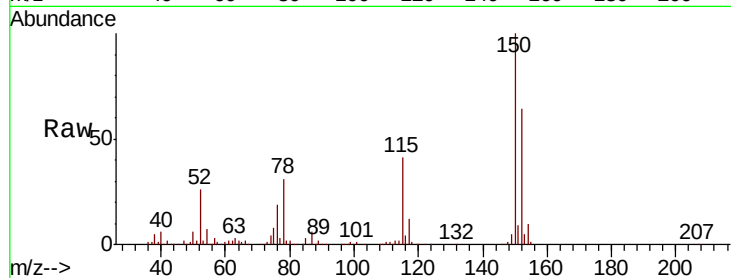
Tot Ion:152 Resp: 184086

Ion Ratio Lower Upper

152 100

115 63.4 32.0 96.2

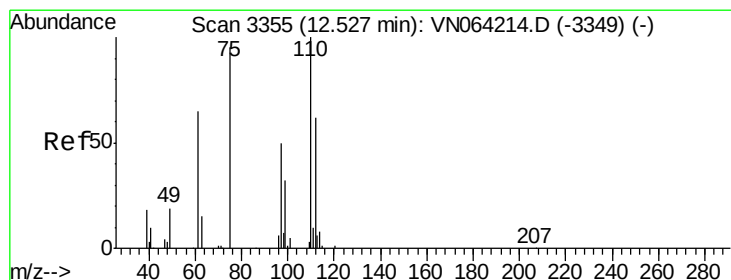
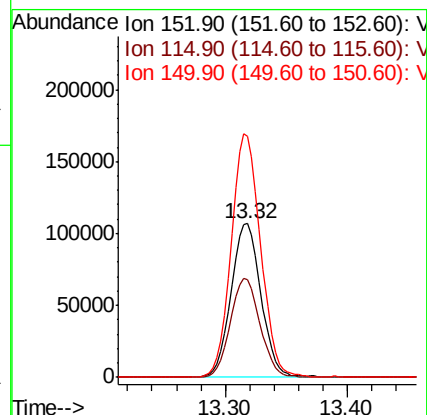
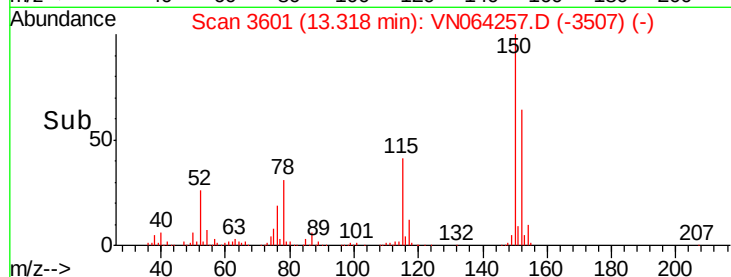
150 154.4 0.0 356.6



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: 32.056 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064257.D

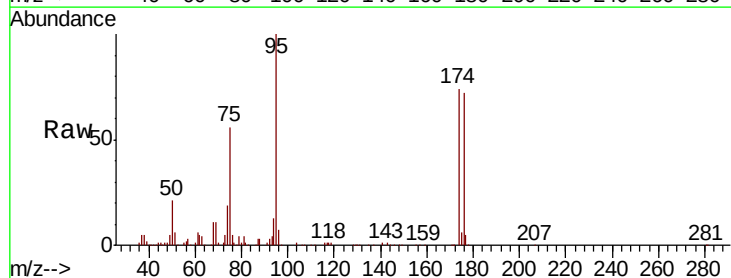
Acq: 22 Oct 2020 18:07

Tgt Ion: 75 Resp: 124404

Ion Ratio Lower Upper

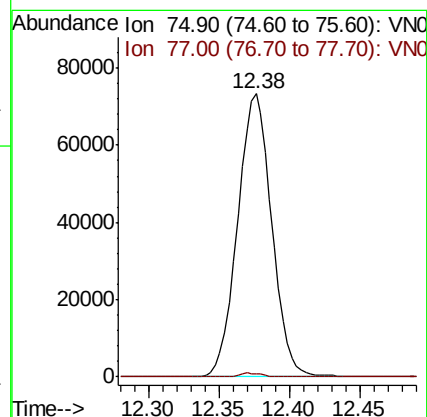
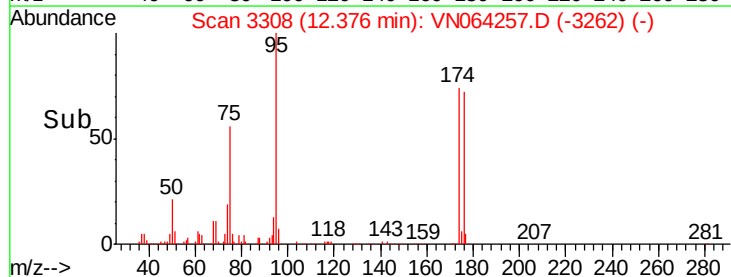
75 100

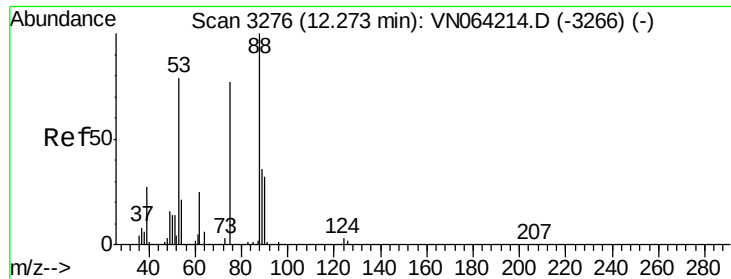
77 0.9 0.0 0.0#



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: 80.932 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.10 min
 Lab File: VN064257.D
 Acq: 22 Oct 2020 18:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBL03

Tot Ion	Ratio	Lower	Upper
75	100		
53	0.0	81.0	121.4#
89	0.0	38.7	58.1#

