

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN103020\
 Data File : VN064397.D
 Acq On : 30 Oct 2020 14:07
 Operator : JC/MD
 Sample : L4560-01
 Misc : 4.67g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B308-B309-LOC1-SO-0001ME

Quant Time: Oct 30 14:37:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	201089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	355294	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	347992	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	151730	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	162582	50.31	ug/l	0.00
Spiked Amount			Recovery	=	100.62%	
35) Dibromofluoromethane	7.54	113	116223	49.05	ug/l	0.00
Spiked Amount			Recovery	=	98.10%	
50) Toluene-d8	10.06	98	442072	50.44	ug/l	0.00
Spiked Amount			Recovery	=	100.88%	
62) 4-Bromofluorobenzene	12.38	95	192220	56.25	ug/l	0.00
Spiked Amount			Recovery	=	112.50%	

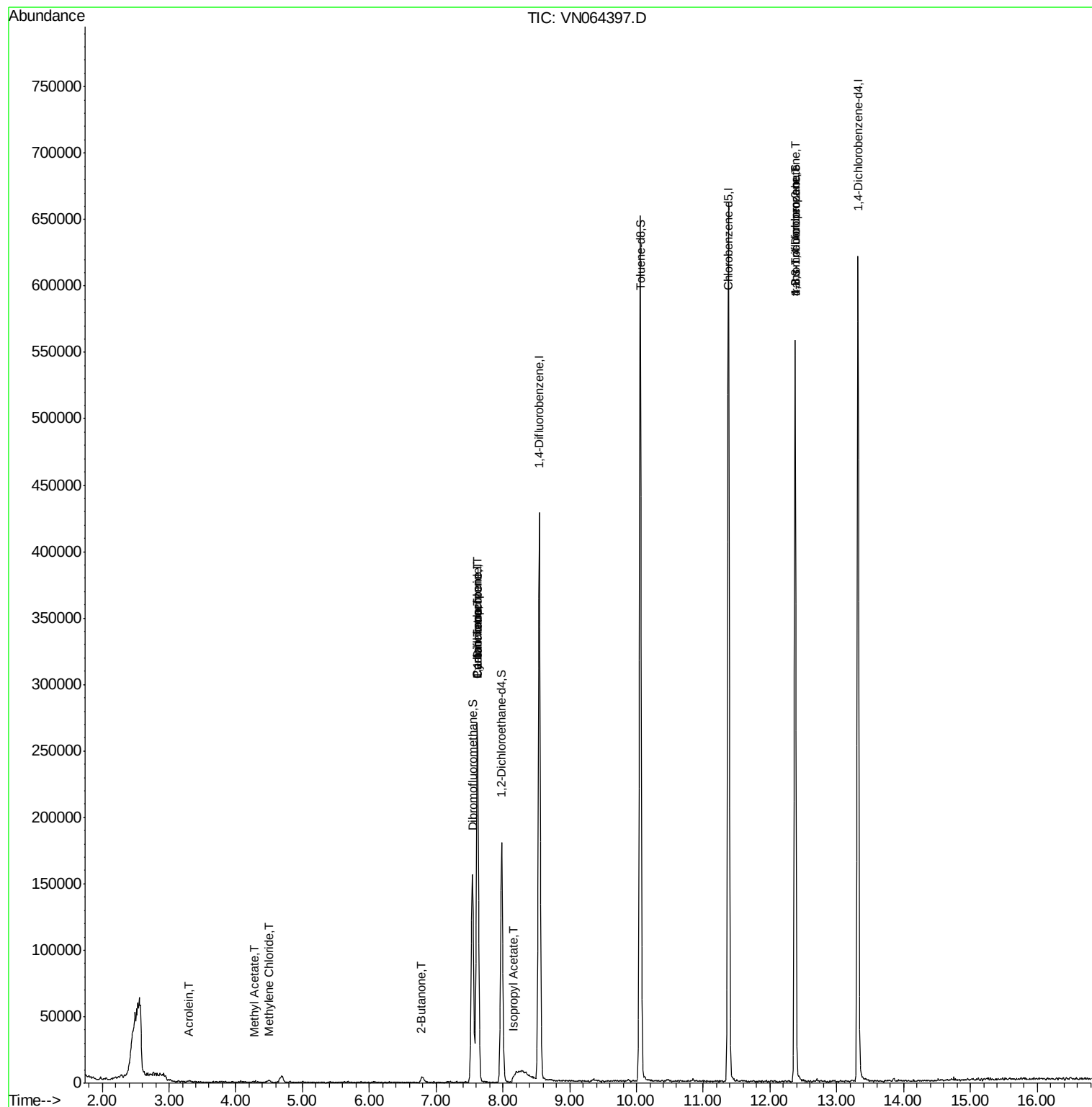
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.31	56	67	18.291	ug/l #	10
16) Acetone	3.76	43	115	Below Cal	#	47
18) Methyl Acetate	4.27	43	678	0.279	ug/l #	55
20) Methylene Chloride	4.49	84	658	0.287	ug/l #	67
25) 2-Butanone	6.77	43	1604	0.989	ug/l #	82
31) Cyclohexane	7.62	56	5239	1.397	ug/l #	16
36) 1,1-Dichloropropene	7.62	75	17120	4.774	ug/l #	53
38) Carbon Tetrachloride	7.62	117	22039	5.302	ug/l #	16
43) Isopropyl Acetate	8.15	43	1726	0.279	ug/l #	57
76) 1,2,3-Trichloropropane	12.38	75	106412	29.286	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	106412	84.359	ug/l #	8

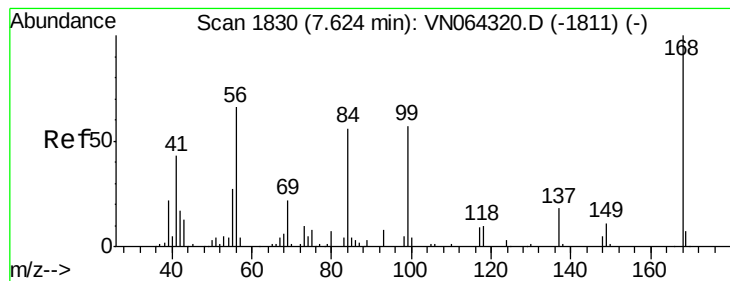
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. -0.01 min

Lab File: VN064397.D

Acq: 30 Oct 2020 14:07

Instrument :

MSVOA_N

ClientSampleId :

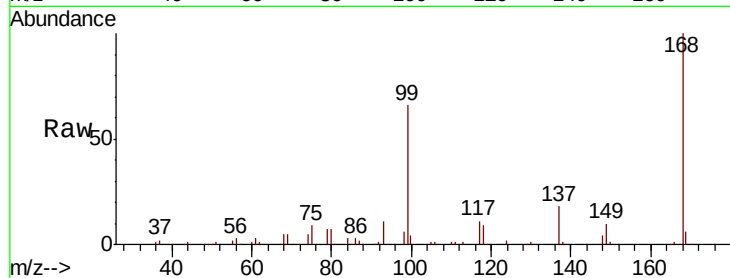
B308-B309-LOC1-SO-0001ME

Tot Ion:168 Resp: 201089

Ion Ratio Lower Upper

168 100

99 65.7 52.7 79.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

80000

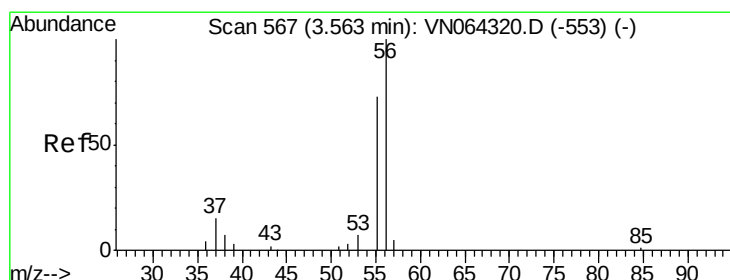
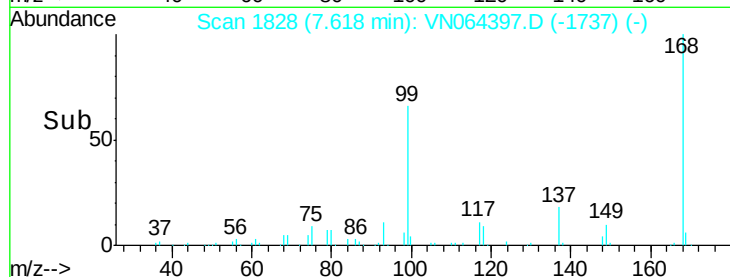
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#13

Acrolein

Concen: 18.291 ug/l

RT: 3.31 min Scan# 489

Delta R.T. -0.25 min

Lab File: VN064397.D

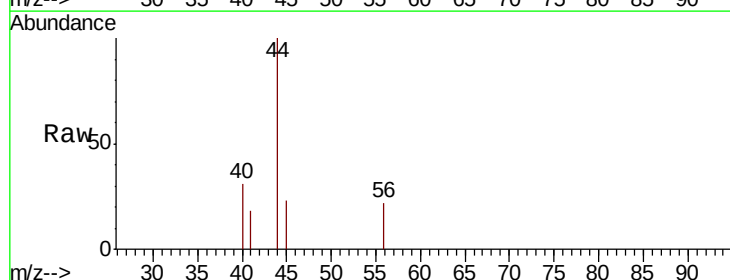
Acq: 30 Oct 2020 14:07

Tgt Ion: 56 Resp: 67

Ion Ratio Lower Upper

56 100

55 0.0 62.6 94.0#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 55.00 (54.70 to 55.70): VN

3.31

200

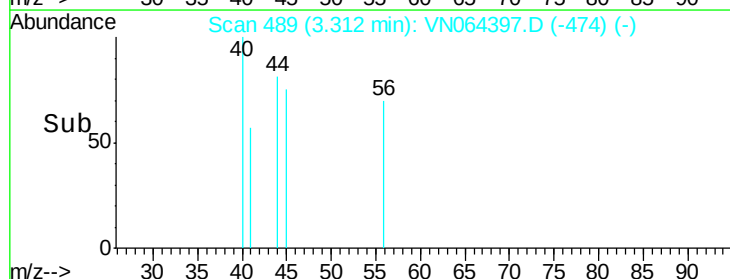
150

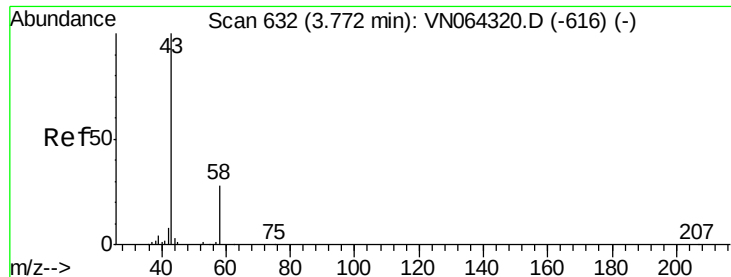
100

50

0

Time--> 3.30 3.31 3.32

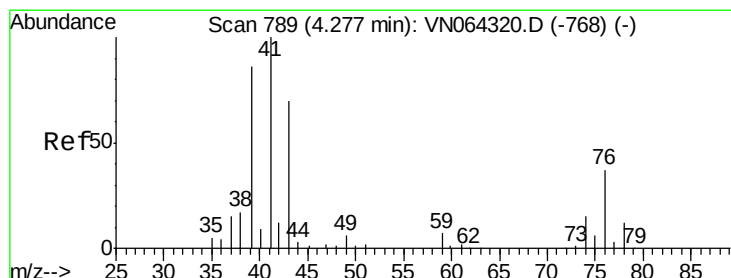
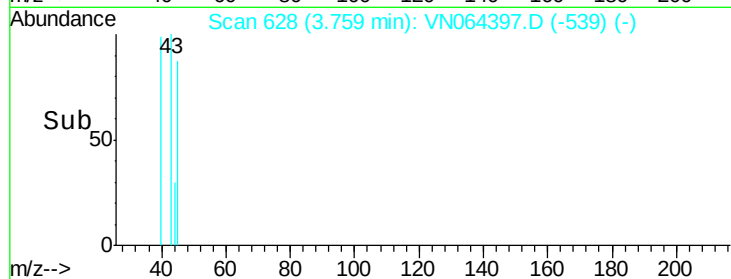
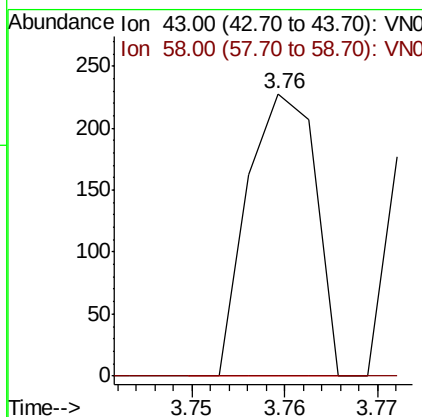
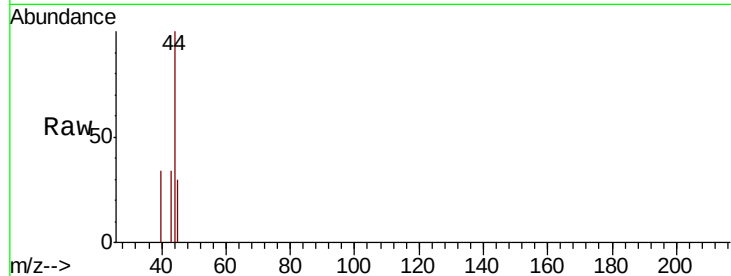




#16
Acetone
Concen: Below Cal
RT: 3.76 min Scan# 628
Delta R.T. -0.01 min
Lab File: VN064397.D
Acq: 30 Oct 2020 14:07

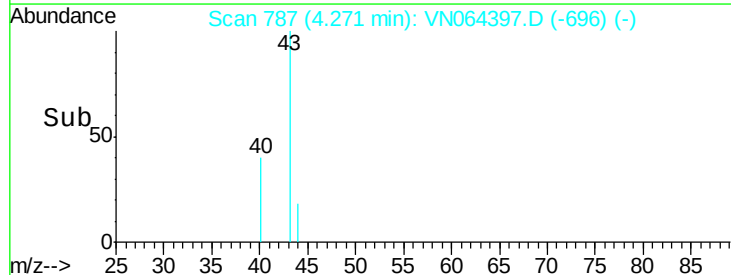
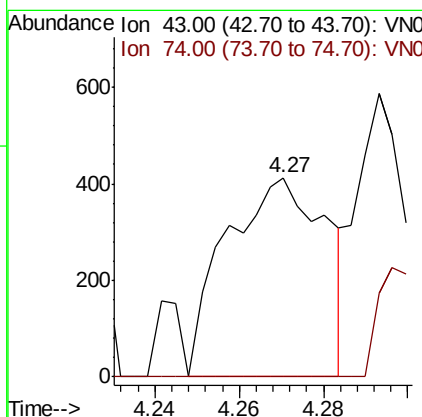
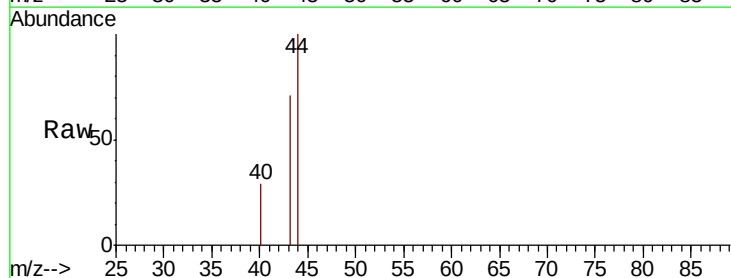
Instrument :
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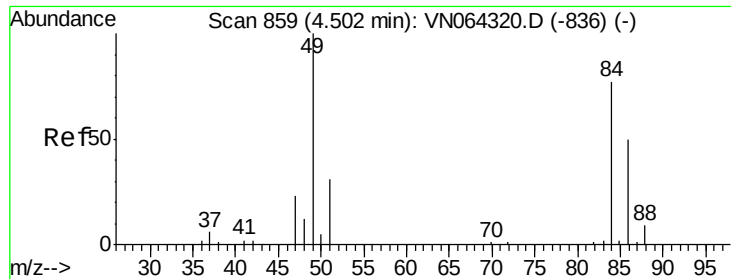
Tot Ion: 43 Resp: 115
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#18
Methyl Acetate
Concen: 0.279 ug/l
RT: 4.27 min Scan# 787
Delta R.T. -0.01 min
Lab File: VN064397.D
Acq: 30 Oct 2020 14:07

Tgt Ion: 43 Resp: 678
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#

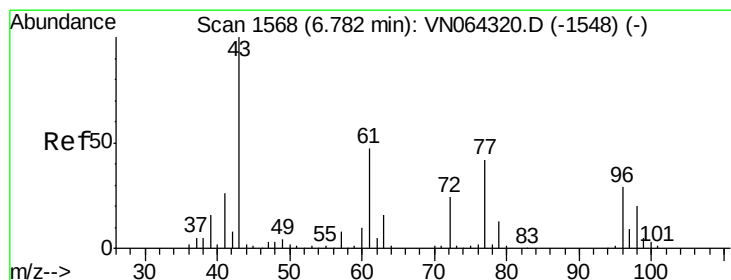
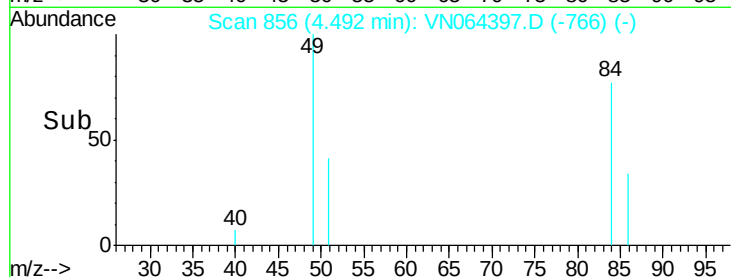
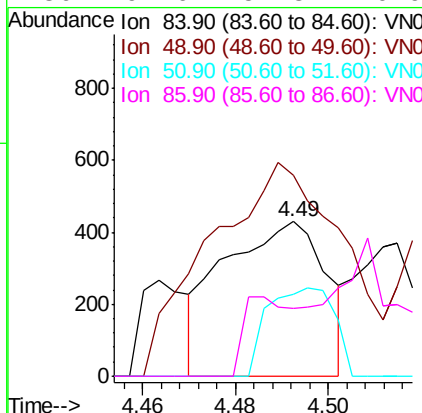
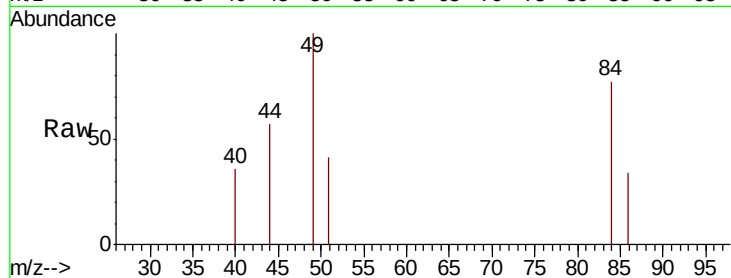




#20
Methvlene Chloride
Concen: 0.287 ug/l
RT: 4.49 min Scan# 856
Delta R.T. -0.01 min
Lab File: VN064397.D
Acq: 30 Oct 2020 14:07

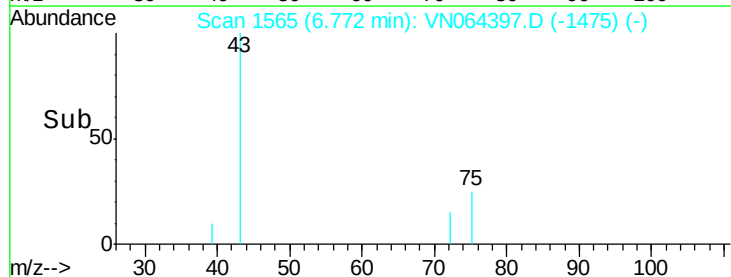
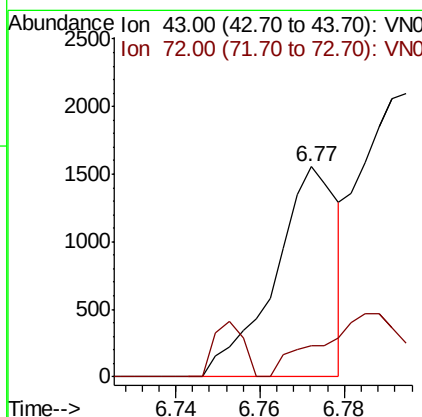
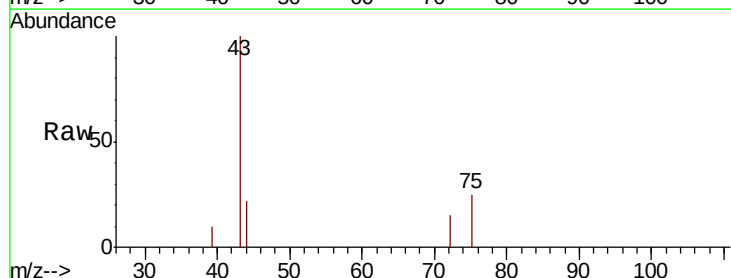
Instrument :
MSVOA_N
ClientSampleId :
B308-B309-LOC1-SO-0001ME

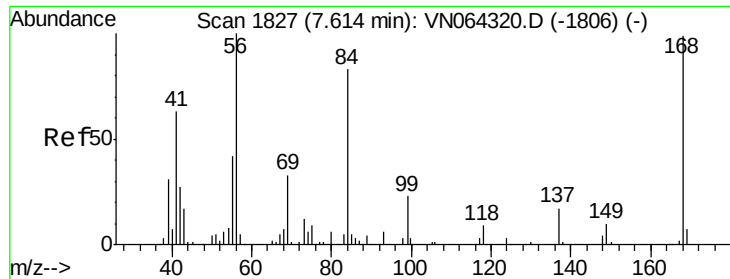
Tot Ion: 84 Resp: 658
Ion Ratio Lower Upper
84 100
49 134.7 103.6 155.4
51 112.9 31.8 47.8#
86 92.6 51.3 76.9#



#25
2-Butanone
Concen: 0.989 ug/l
RT: 6.77 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VN064397.D
Acq: 30 Oct 2020 14:07

Tgt Ion: 43 Resp: 1604
Ion Ratio Lower Upper
43 100
72 14.6 18.8 28.2#

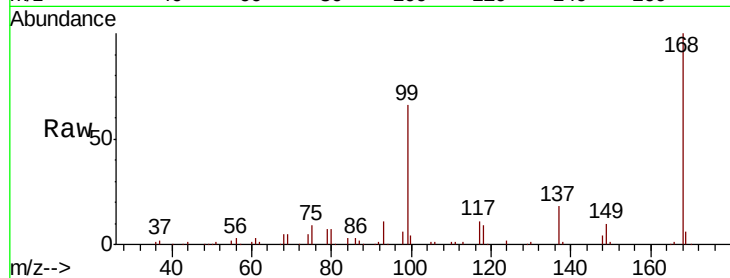




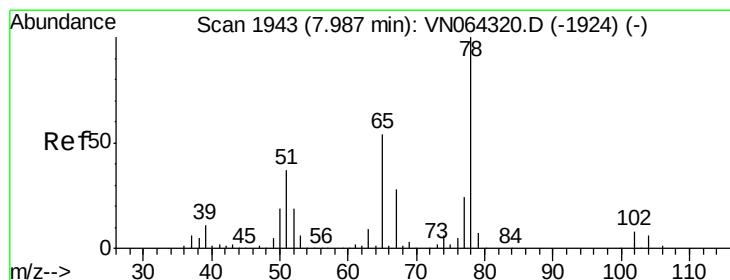
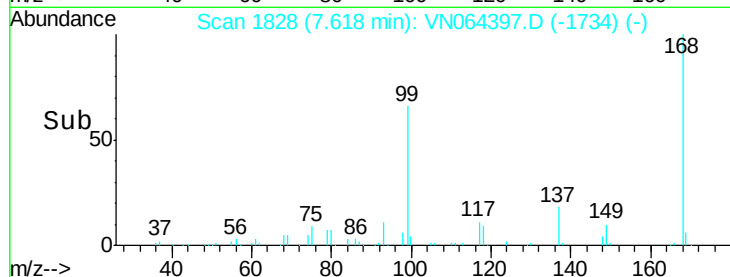
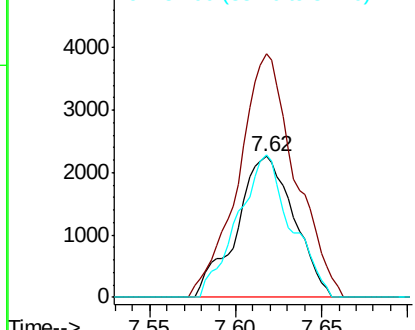
#31
Cyclohexane
Concen: 1.397 ug/l
RT: 7.62 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN064397.D
Acq: 30 Oct 2020 14:07

Instrument :
MSVOA_N
ClientSampleId :
B308-B309-LOC1-SO-0001ME

Tot Ion: 56 Resp: 5239
Ion Ratio Lower Upper
56 100
69 172.5 25.8 38.8#
84 100.6 66.3 99.5#

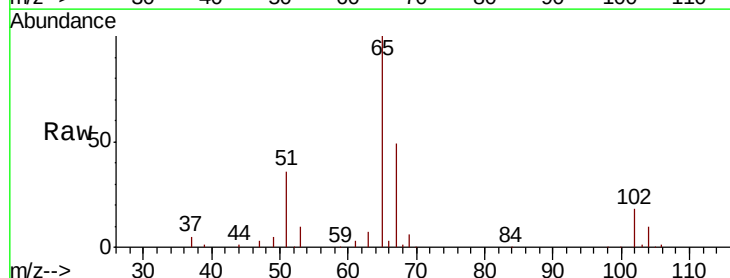


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

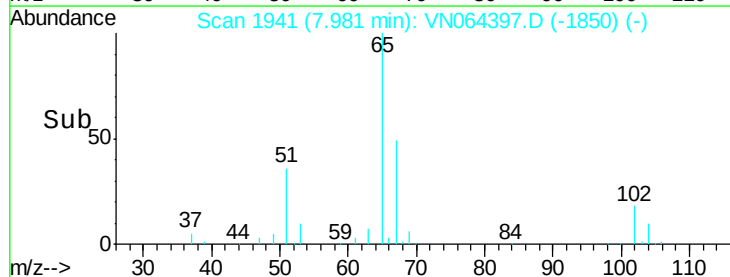
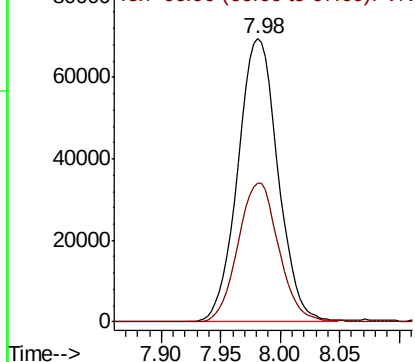


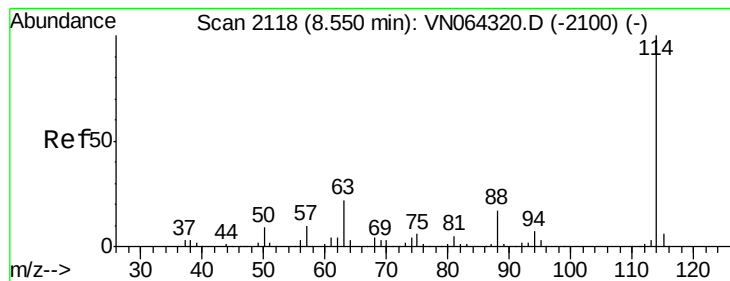
#33
1,2-Dichloroethane-d4
Concen: 50.312 ug/l
RT: 7.98 min Scan# 1941
Delta R.T. -0.01 min
Lab File: VN064397.D
Acq: 30 Oct 2020 14:07

Tgt Ion: 65 Resp: 162582
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.2



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: 8.54 min Scan# 2116

Delta R.T. -0.01 min

Lab File: VN064397.D

Acq: 30 Oct 2020 14:07

Instrument :

MSVOA_N

ClientSampleId :

B308-B309-LOC1-SO-0001ME

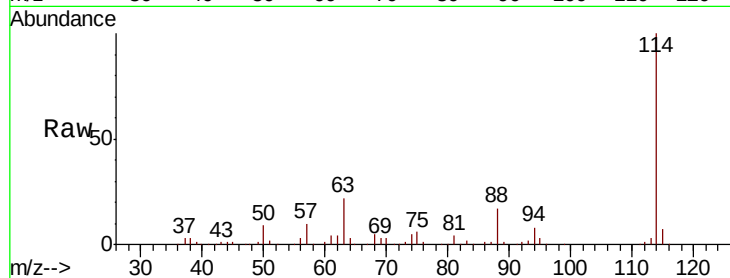
Tot Ion:114 Resp: 355294

Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.6

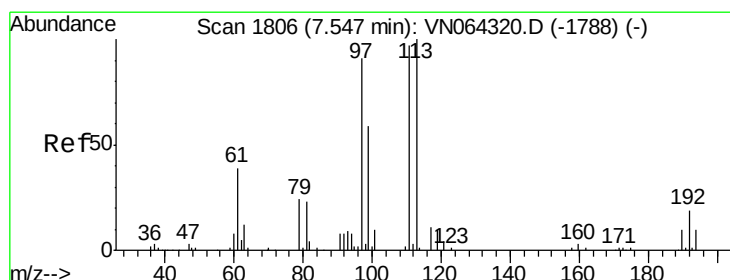
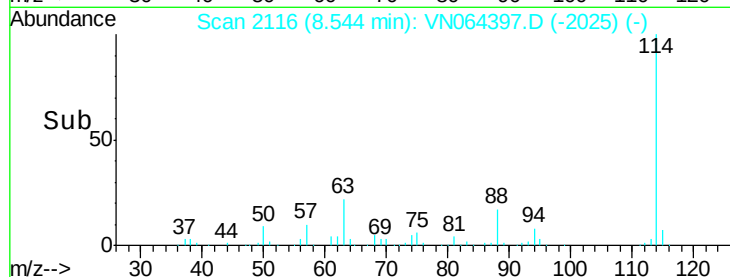
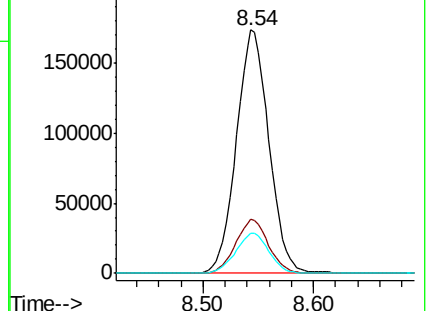
88 16.7 0.0 33.4



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: 49.052 ug/l

RT: 7.54 min Scan# 1805

Delta R.T. -0.00 min

Lab File: VN064397.D

Acq: 30 Oct 2020 14:07

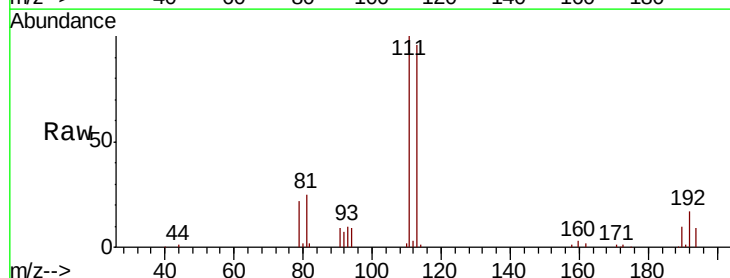
Tgt Ion:113 Resp: 116223

Ion Ratio Lower Upper

113 100

111 101.9 81.5 122.3

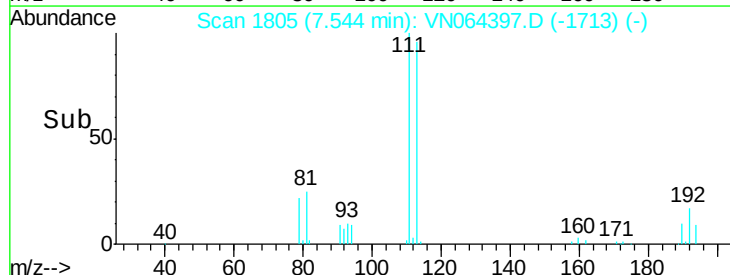
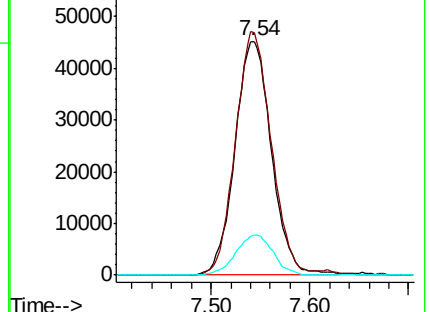
192 17.6 15.0 22.4

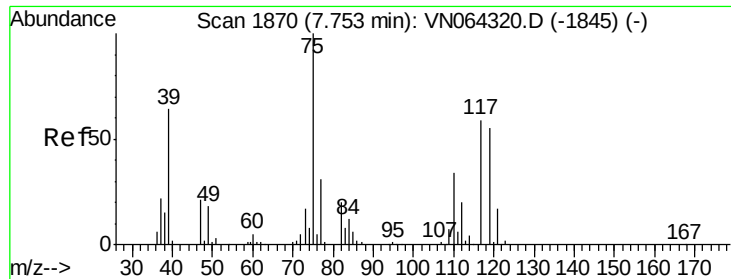


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

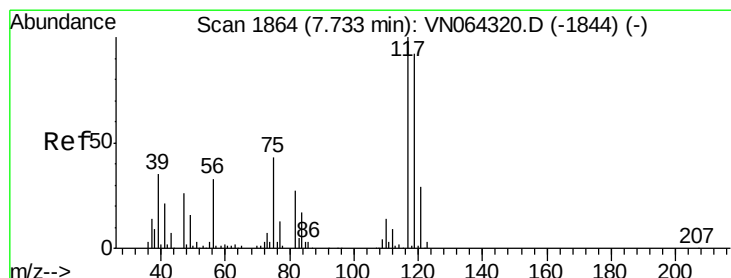
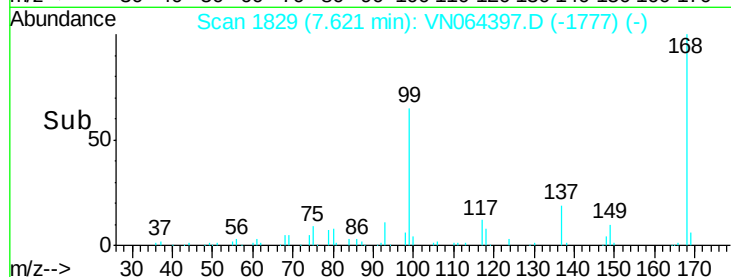
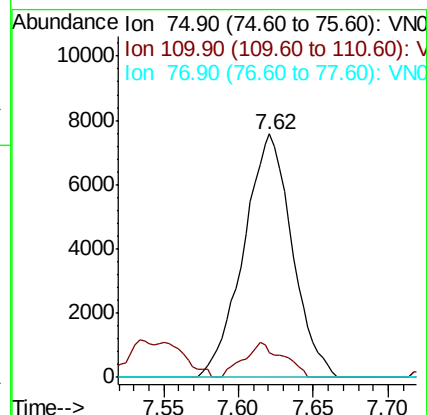
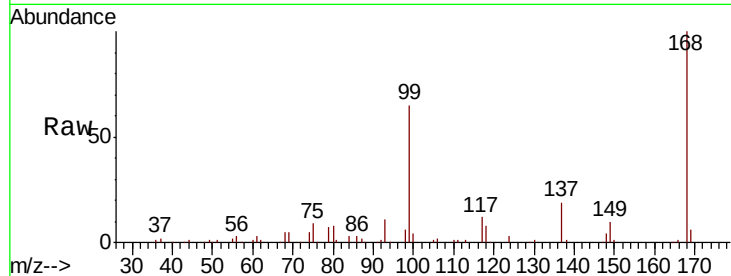




#36
 1,1-Dichloropropene
 Concen: 4.774 ug/l
 RT: 7.62 min Scan# 1829
 Delta R.T. -0.13 min
 Lab File: VN064397.D
 Acq: 30 Oct 2020 14:07

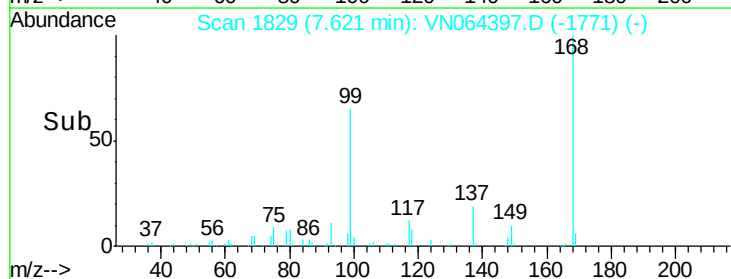
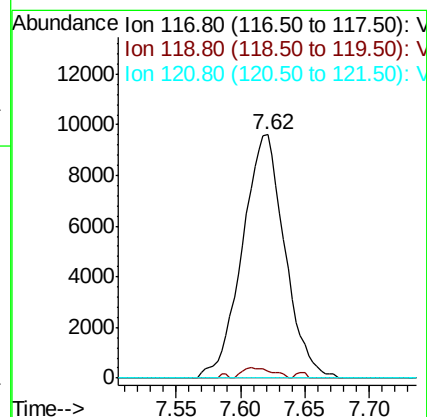
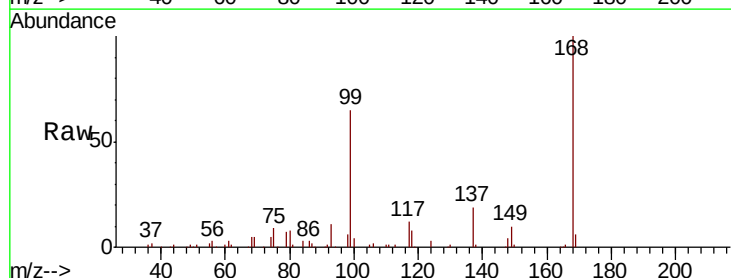
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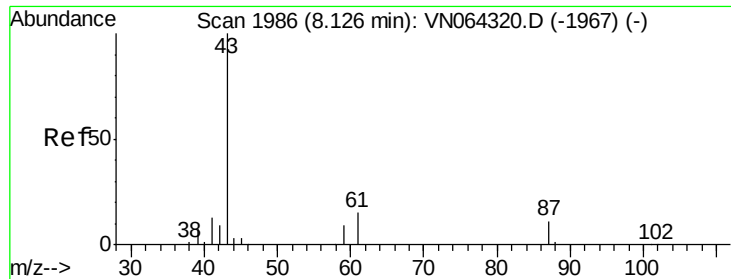
Tot Ion: 75 Resp: 17120
 Ion Ratio Lower Upper
 75 100
 110 11.5 16.8 50.3#
 77 0.0 24.2 36.4#



#38
 Carbon Tetrachloride
 Concen: 5.302 ug/l
 RT: 7.62 min Scan# 1829
 Delta R.T. -0.11 min
 Lab File: VN064397.D
 Acq: 30 Oct 2020 14:07

Tgt Ion: 117 Resp: 22039
 Ion Ratio Lower Upper
 117 100
 119 2.8 73.7 110.5#
 121 0.0 22.8 34.2#





#43

Isopropyl Acetate

Concen: 0.279 ug/l

RT: 8.15 min Scan# 1994

Delta R.T. 0.03 min

Lab File: VN064397.D

Acq: 30 Oct 2020 14:07

Instrument :

MSVOA_N

ClientSampleId :

B308-B309-LOC1-SO-0001ME

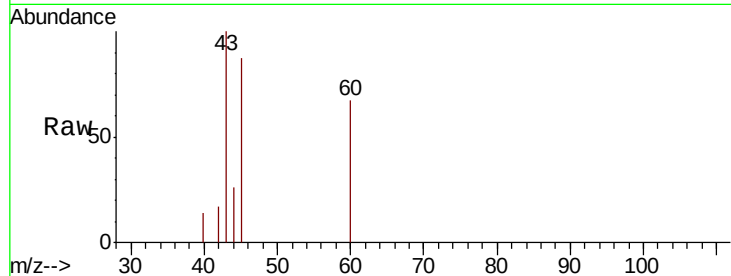
Tot Ion: 43 Resp: 1726

Ion Ratio Lower Upper

43 100

61 0.0 19.1 28.7#

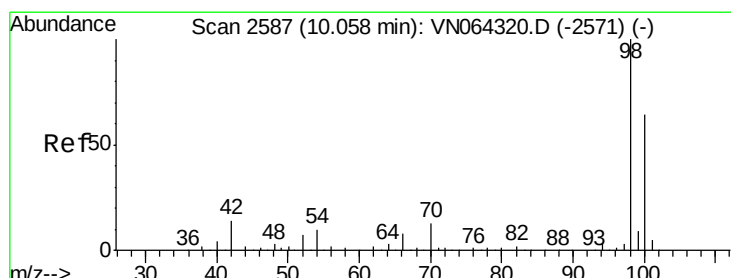
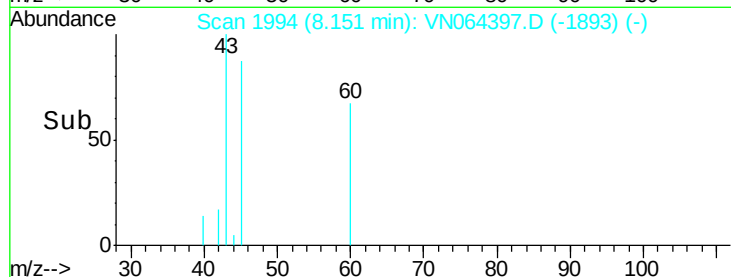
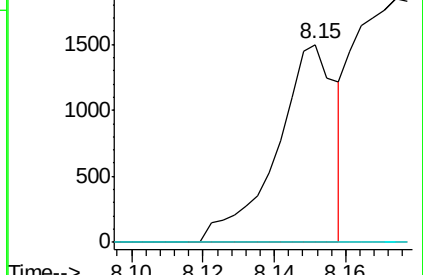
87 0.0 9.3 13.9#



Abundance Ion 43.00 (42.70 to 43.70): VN064320.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN064320.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN064320.D (-1967) (-)



#50

Toluene-d8

Concen: 50.442 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064397.D

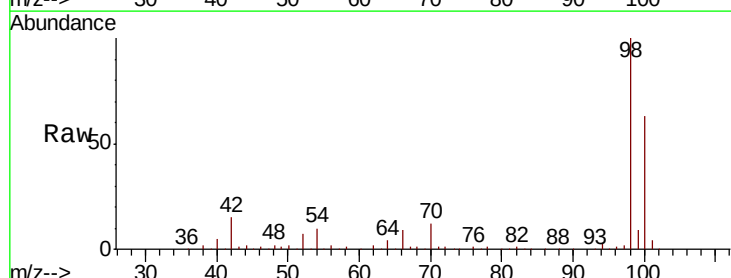
Acq: 30 Oct 2020 14:07

Tgt Ion: 98 Resp: 442072

Ion Ratio Lower Upper

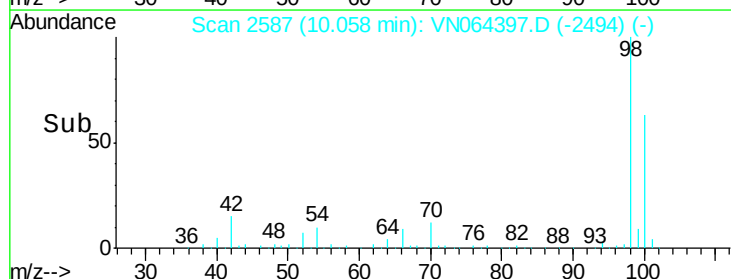
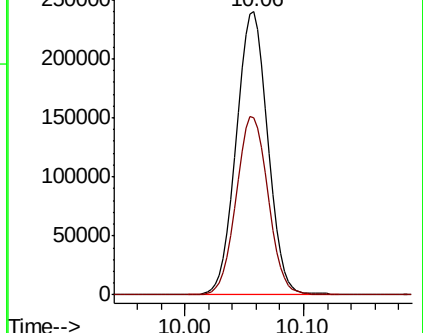
98 100

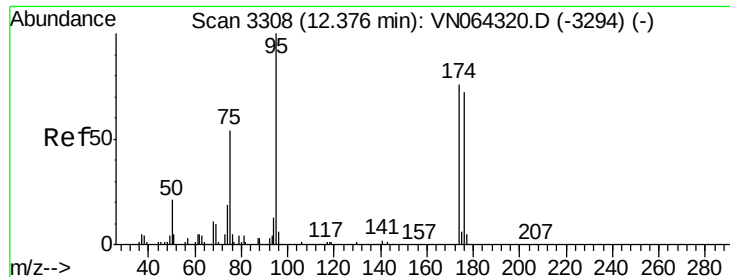
100 63.9 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VN064320.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064320.D (-2571) (-)





#62

4-Bromofluorobenzene

Concen: 56.254 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064397.D

Acq: 30 Oct 2020 14:07

Instrument :

MSVOA_N

ClientSampleId :

B308-B309-LOC1-SO-0001ME

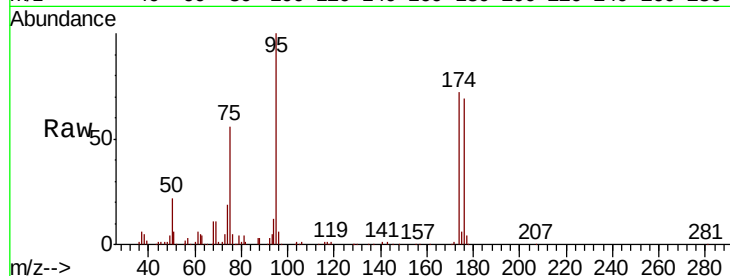
Tot Ion: 95 Resp: 192220

Ion Ratio Lower Upper

95 100

174 72.4 0.0 147.4

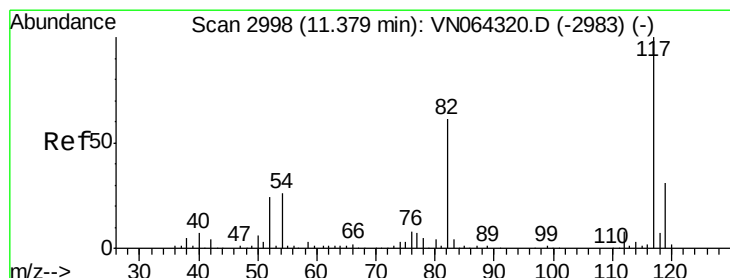
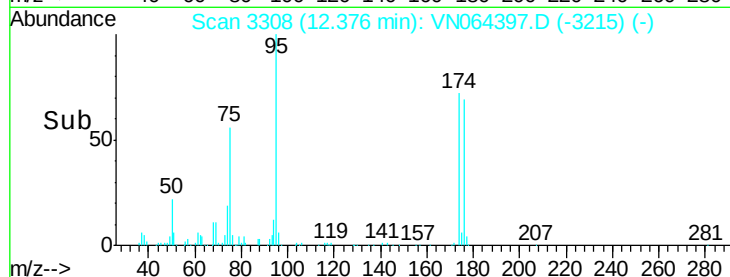
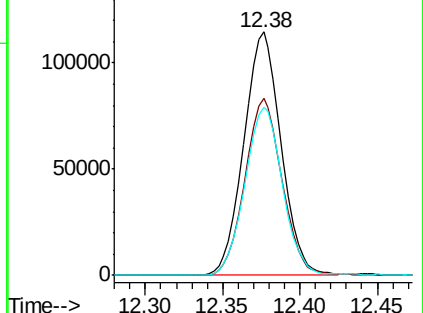
176 70.2 0.0 143.6



Abundance Ion 94.90 (94.60 to 95.60): VN064397.D (-3215) (-)

Ion 173.80 (173.50 to 174.50): VN064397.D (-3215) (-)

Ion 175.80 (175.50 to 176.50): VN064397.D (-3215) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064397.D

Acq: 30 Oct 2020 14:07

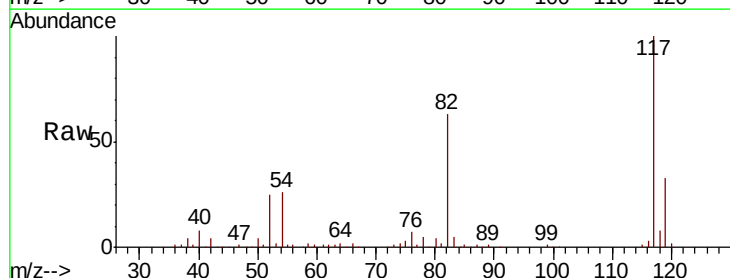
Tgt Ion: 117 Resp: 347992

Ion Ratio Lower Upper

117 100

82 62.9 48.8 73.2

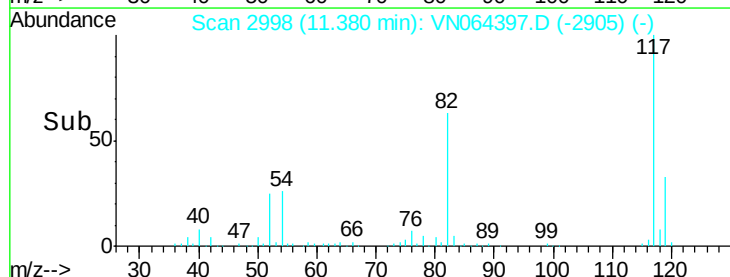
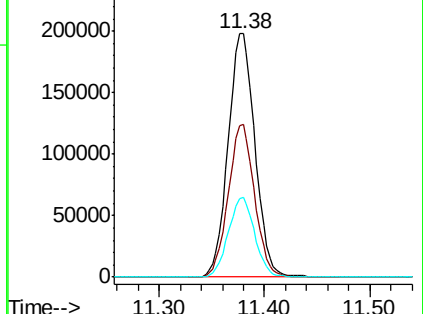
119 32.6 25.1 37.7

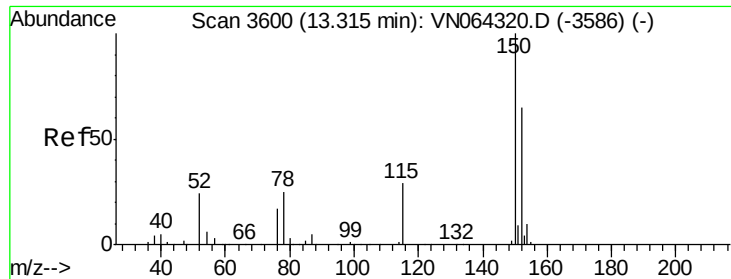


Abundance Ion 116.90 (116.60 to 117.60): VN064397.D (-2905) (-)

Ion 82.00 (81.70 to 82.70): VN064397.D (-2905) (-)

Ion 118.90 (118.60 to 119.60): VN064397.D (-2905) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN064397.D

Acq: 30 Oct 2020 14:07

Instrument :

MSVOA_N

ClientSampleId :

B308-B309-LOC1-SO-0001ME

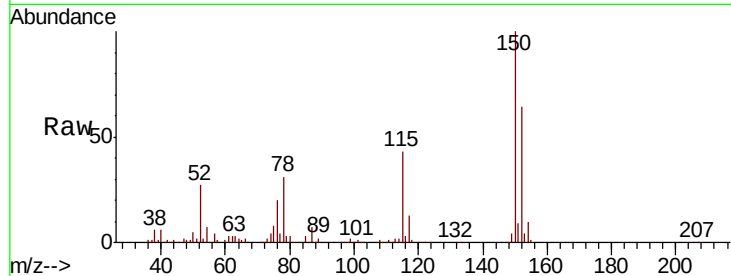
Tot Ion:152 Resp: 151730

Ion Ratio Lower Upper

152 100

115 64.8 31.5 94.5

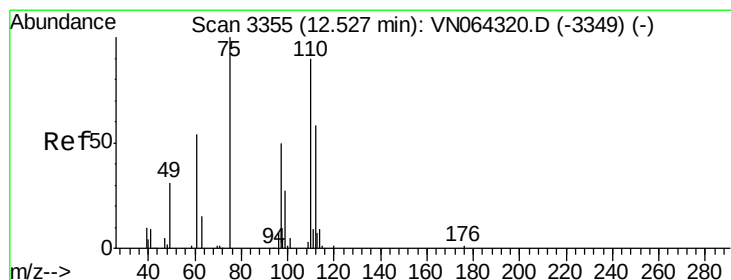
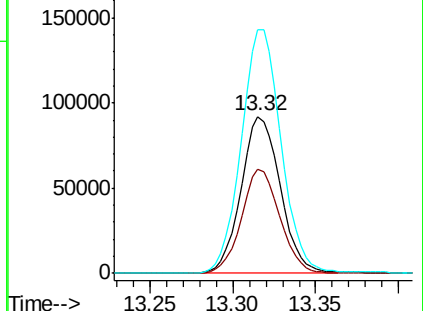
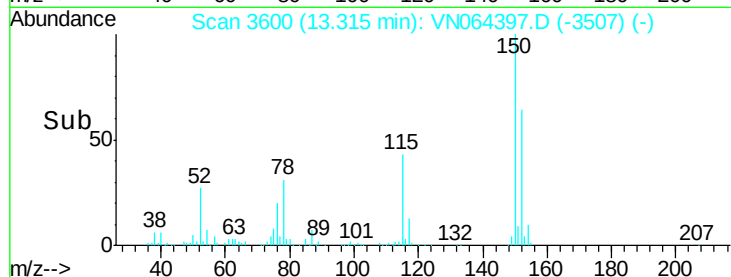
150 158.2 0.0 346.2



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: 29.286 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN064397.D

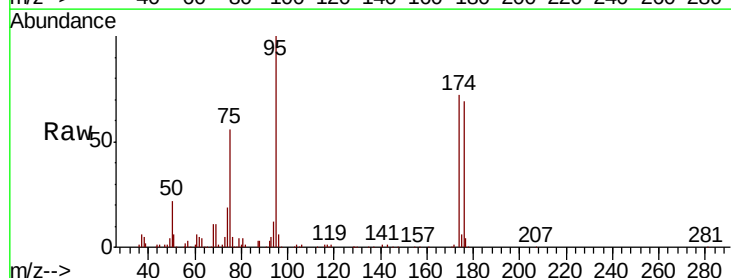
Acq: 30 Oct 2020 14:07

Tgt Ion: 75 Resp: 106412

Ion Ratio Lower Upper

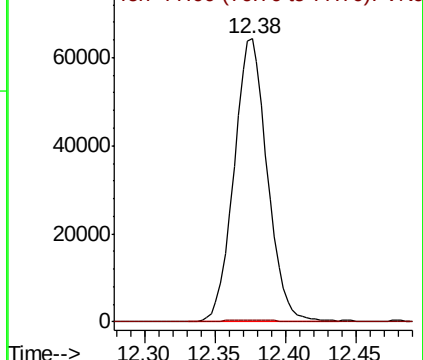
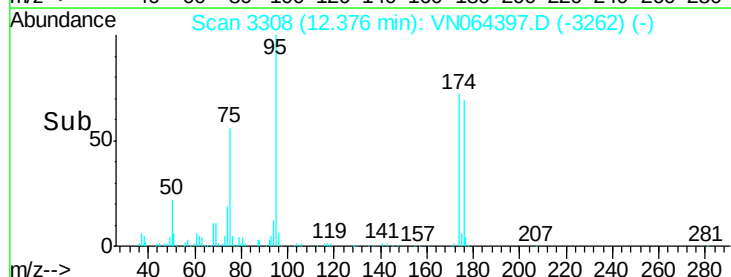
75 100

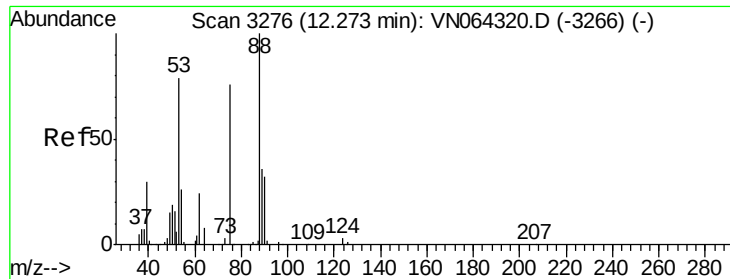
77 0.6 0.0 0.0#



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: 84.359 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN064397.D

Acq: 30 Oct 2020 14:07

Instrument :

MSVOA_N

ClientSampleId :

B308-B309-LOC1-SO-0001ME

Tot Ion: 75 Resp: 106412

Ion Ratio Lower Upper

75 100

53 0.0 81.8 122.8#

89 0.0 39.9 59.9#

